

# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

1047 Richmond Road, Ottawa, Ontario

CO972.00

FINAL REPORT

August 14, 2025

*Prepared for:*

**FENGATE ASSET MANAGEMENT**

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## 1.0 EXECUTIVE SUMMARY

Terrapex was retained by Fengate Asset Management (Fengate or the Client) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client intends on redeveloping the Site to a more sensitive property use (from commercial to mixed residential and commercial use, and parkland), which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

The date of the last work on the records review, interviews, and site reconnaissance required for the Phase One ESA (per Section 28 (1) (a) of O. Reg. 153/04) is June 11, 2025, the date of the most recent Site Reconnaissance visit.

The objective of the investigation was to identify actual and potential sources of contamination associated with the site arising from current and/or historical activities on the site and on properties within the Phase One study area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

At the time of inspection, the Site was a vacant fenced property with the exception of a small wooden structure on the west-central portion of the Site associated with the former pole-mounted transformers. The Site was accessible from New Orchard Avenue North.

Following the completion of the records review, interview, and Site reconnaissance, Terrapex determined the following:

- The current registered owner of the 1047 Richmond Nominee Inc., which has owned the property since 2022.
- The Site was transferred between individuals since 1804 for assumed agricultural purposes, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. As such, the first developed use was determined to be the tourist cabins (i.e., first buildings) circa 1956.



- The Site is an enhanced investigation property. However, no operational information was provided for review with the exception of a 1960-era as-built set of drawings showing the construction car dealership and automotive garage.
- The Phase One Study Area consists of the Site and properties generally located wholly or partly within 250 m from the nearest point on a boundary of the Site.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, six potentially contaminating activities (PCAs) were identified on the Site and 17 PCAs were identified within the Phase One Study Area, as listed in Table 2 of Schedule D of O. Reg. 153/04, or as determined by the QP. Seven of the PCA resulted in areas of potential environmental concern (APECs) at the Site.

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to meet the conditions required to file an RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.



## 2.0 INTRODUCTION

Terrapex was retained by Fengate Asset Management (Fengate or the Client) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client intends on redeveloping the Site to a more sensitive property use (from commercial to mixed residential and commercial use, and parkland), which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

### 2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area (refer to Section 4.1.1. below), to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

### 2.2 PHASE ONE PROPERTY INFORMATION

Information regarding the location and identification of the Phase One Property and the party authorizing this study is provided in the table below. Refer to Figure 1 for the location of the Site, and to Figure 2 for the general layout and features of the Site at the time of the site reconnaissance.

#### SUMMARY OF PHASE ONE PROPERTY INFORMATION

<b>Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Property Identification Numbers:</b>	Parts of 03970-0109 (LT) and 03970-0105 (LT), as indicated on the annotated plan of survey provided in Appendix I
<b>Legal Descriptions:</b>	PART OF LOTS 24 AND 25, CONCESSION 1 (OF), AS IN N545545, SAVE AND EXCEPT PART 1 ON PLAN 5R-3653, OTTAWA; and, PT LT 25, CON 10F, AS IN N707740 ; OTTAWA / NEPEAN



<b>UTM Coordinates (centre of Site):</b> Easting: Northing:	18T 439,032 m 5,024,858 m
<b>Name and Address of Owner:</b>	1047 Richmond Nominee Inc. c/o Fengate Asset Management 2275 Upper Middle Road East, Suite 700 Oakville, Ontario, L6H 0C3
<b>Name and Address of Authorizing Party:</b>	Alison Kimmell Managing Director, Development and Portfolio Management 1047 Richmond Nominee Inc. c/o Fengate Asset Management 2275 Upper Middle Road East, Suite 700 Oakville, Ontario, L6H 0C3
<b>Current Condition and Use(s):</b>	Vacant, Former Commercial Property
<b>Structures:</b>	None
<b>Site Area (as shown in the Plan of Survey and Concept Plan provided in Appendix I):</b>	Part 1 – 74.3 m <sup>2</sup> (future conveyance to City) Part 2 – 48.2 m <sup>2</sup> (future transit stop) Part 3 – 1,000 m <sup>2</sup> (future dedicated parkland) Part 4 – 5,034 m <sup>2</sup> (future 37-storey mixed use building) Part 6 - 29.0 m <sup>2</sup> (future at grade area with intake / exhaust grate) <b>Total – 6,185.5 m<sup>2</sup></b>
<b>Occupants (current):</b>	None
<b>Other facilities of note:</b>	None

## 2.3 PLAN OF SURVEY

A survey entitled *Plan of Survey, Part of Lots 24 and 25, Concession 1 (Ottawa Front), Geographic Township of Nepean, City of Ottawa*, dated August 6, 2025, surveyed by Annis, O'Sullivan, Vollebakk Ltd. is provided in Appendix I. Also provided in Appendix I, is Sheet No. SP-1 entitled *1047 Richmond Road, Ottawa, Ontario, Phase I – Site Plan* prepared by Roderick Lahey Architect Inc. for Fengate Asset Management issued for a building permit, dated March 24, 2025.

As shown, the Phase One ESA property consists of the western portion of the 1047 Richmond Road property.

## 2.4 ENHANCED INVESTIGATION PROPERTY

An enhanced investigation property is defined in O. Reg. 153/04 as a property that is being used or has been used, in whole or in part, for an industrial use or for commercial use as a garage, a bulk liquid dispensing facility (including a gasoline outlet), or for the operation of dry cleaning equipment.



Based on the findings of the Phase One ESA (as documented herein), the Site is an enhanced investigation property due to the previous use of the Site as a car dealership with an automotive service garage.



### 3.0 SCOPE OF INVESTIGATION

#### 3.1 GENERAL

The Phase One ESA was conducted in accordance with the current requirements of O. Reg. 153/04. The five main components of the Phase One ESA scope of work are described below.

**Records Review:** A review was conducted of available historic and current environmental information pertaining to the Site and the Phase One Study Area in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04.

**Interviews:** An interview was conducted with a representative of the current owner of the Site. Representatives of the previous owners were not available.

**Site Reconnaissance:** A reconnaissance of the Site and accessible properties within the Phase One Study Area was conducted for evidence of potential environmental concerns.

**Evaluation:** The information obtained from the records review, interviews, and Site reconnaissance was reviewed, evaluated and interpreted by the Qualified Person (QP) for this project (see Section 3.2 below) in consideration of the Phase One ESA general objectives and any uncertainty associated with the data sources.

**Reporting:** In accordance with the requirements of Schedule D of O. Reg. 153/04, this report documents the findings, conclusions, and recommendations of the Phase One ESA and includes:

- a table of the current and past uses of the Phase One Property;
- a table of identified potentially contaminating activities (PCAs) and a table of associated areas of potential environmental concern (APECs);
- a Phase One conceptual Site model (CSM); and,
- conclusions and recommendations made based on the evaluation and interpretation of information obtained for the Phase One ESA.

#### 3.2 QUALIFIED PERSON

The Phase One ESA was supervised by Keith Brown, of Terrapex, located in Ottawa, Ontario. Mr. Brown holds a license under the *Professional Engineers Act* and therefore meets the qualifications to be considered a Qualified Person for the purposes of conducting or supervising environmental site assessments in Ontario per Section 5 (2) (a) of O. Reg. 153/04.



### 3.3 LIMITATIONS

All areas of the Site were accessible during the Site inspection. cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points.

It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review, interview and site inspection components. This includes Phase One ESA work done by Golder Associates Ltd. (Golder) in 2021, from which some of the historical records were collected. However, it should be noted that the Golder Phase One ESA include the entire 1047 Richmond Road property.

General limitations of the study are provided in Section 8.3.

In the opinion of the QP, limitations are not considered to have compromised the objectives of the Phase One ESA.



## **4.0 RECORDS REVIEW**

### **4.1 GENERAL**

Terrapex obtained and reviewed records relating to the Site and surrounding properties within the Phase One Study Area, in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04. The records and sources of information reviewed are summarized below, and a list of all documents and data cited in this report is provided in Section 9.0.

#### **4.1.1 Phase One Study Area Determination**

To determine the Phase One Study Area, Terrapex conducted a preliminary records review to identify any conditions that might warrant an expansion of the Phase One Study Area beyond the minimum required by O. Reg. 153/04. This review included searches / reviews of the following information:

- Aerial photographs;
- Provincial waste disposal site inventory documents; and,
- Reports documenting previously completed environmental investigations of the Site.

The preliminary review did not identify any potential concerns warranting an expansion of the Phase One Study Area. Accordingly, the Phase One Study Area was established to encompass all of the properties that were located in whole or in part, within 250 m of the boundaries of the Site.

The boundary of the Phase One Study Area is depicted in Figure 3. Note that all distances are calculated from the nearest property boundary of the Site to the nearest boundary of the feature/property in question and are approximate.

#### **4.1.2 First Developed Use Determination**

Information obtained during the records review portion of the work program was used to determine the date of the first developed use of the Site, as defined in O. Reg. 153/04.

Based on information provided in the 2021 Golder title search and fire insurance products, the Site was transferred between individuals since 1804, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. As such, the first developed use was determined to be the tourist cabins (i.e., first buildings) circa 1956.



### 4.1.3 Fire Insurance Plans

Golder made a request to Environmental Risk Information Services Ltd. (ERIS) for Fire Insurance Plans (FIPs), underwriters' reports or underwriters' plans for the Site and surrounding properties as part of the research conducted as part of their 2021 Phase One ESA. A copy of the fire insurance products from the previous Phase One ESA is provided in Appendix II. Given that additional fire insurance products are not likely to exist, Terrapex did not request a FIP record search as part of this study.

Terrapex reviewed the fire insurance products. A summary of the relevant information obtained from the fire insurance products is presented in the table below, including identification of operations that are considered to be PCAs under O. Reg. 153/04.

#### SUMMARY OF FIRE INSURANCE PRODUCTS

Year	Features of Site	Features of Surroundings	PCAs/Potential Concerns
1956 FIP	<ul style="list-style-type: none"> <li>Two residences and 12 tourist cabins were located on-Site</li> </ul>	<ul style="list-style-type: none"> <li>The Canadian Pacific Railway and Ottawa Electric Railways were located to the north and south of the Site</li> <li>A gasoline service station with two underground storage tanks (USTs) was located to the west of the Site at 1051 Richmond Road (current civic address 1075 Richmond Road)</li> <li>A hydro sub-station with transformers was located to the northwest of the Site at 106 New Orchard Avenue (current civic address 108 New Orchard Avenue)</li> </ul>	<p>On-Site PCAs/concerns: None</p> <p>Off-Site PCAs/concerns: 28 - Gasoline and Associated Products Storage in Fixed Tanks 55 - Transformer Manufacturing, Processing and Use</p>
1976 Site Plan	<ul style="list-style-type: none"> <li>Plan showed the outline of a car dealership with a small showroom, a larger garage area, office and, parts storage rooms</li> </ul>	<ul style="list-style-type: none"> <li>NA</li> </ul>	<p>On-Site PCAs/concerns: 10 – Commercial Autobody Shops</p>
1976 Report	<ul style="list-style-type: none"> <li>Auto detailing report notes the showroom; parts department, repair garage, and rust proofing on the first floor; and, offices, a boiler room (natural gas-fueled), and parts storage on the second floor</li> </ul>	<ul style="list-style-type: none"> <li>NA</li> </ul>	<p>On-Site PCAs/concerns: 10 – Commercial Autobody Shops</p>
1982 Report	<ul style="list-style-type: none"> <li>In the 1982 property fire rating report form, the land-use was similar to 1976</li> </ul>	<ul style="list-style-type: none"> <li>NA</li> </ul>	<p>On-Site PCAs/concerns: 10 – Commercial Autobody Shops</p>



Year	Features of Site	Features of Surroundings	PCAs/Potential Concerns
1994 Report	<ul style="list-style-type: none"> <li>In the 1994 Multirisk report, the Site was a automobile dealership with parts sales, auto service garage (with 12 hoists), autobody shop (with a paint booth), and various offices and storage, reportedly built in 1960 with an addition in 1992.</li> <li>Waste oil was stored in an AST located outside the building (specific locations were not provided).</li> </ul>	<ul style="list-style-type: none"> <li>NA</li> </ul>	On-Site PCAs/concerns: 10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks

FIPs were also available from 1946. The FIPs did not cover the Site but included the eastern and southern extents of the Study Area. Property use in those areas was residential at that time and no PCAs were identified.

Copies of the Fire Insurance Documents are provided in Appendix II.

#### 4.1.4 Chain of Title

A chronological chain of title was obtained by Golder through ERIS in 2021, a copy of which is provided in Appendix III. Terrapex also obtained the Service Ontario Parcel Register documents for the Property Identification Numbers (PINs) associated with the Site, copies of which are also provided in Appendix III.

As shown, the Site was transferred from the crown to various individuals between 1804 and 1958 when it was transferred to Northern Garage and Holdings Limited. In 1959 it was transferred to Chrysler Corporation of Canada; in 1971 it was transferred to Parkway Chrysler Plymouth Ltd.; in 1982 it was transferred to a numbered Ontario company (Marinter Ontario Ltd.); and, in 1990 it was transferred to Rimosa Investments Limited to which Chrysler Canada Ltd. was a lessee in 1998. In 2022, the property was transferred to 1047 Richmond Nominee Inc. (the current owner).

#### 4.1.5 Environmental Reports

Aside from the 2021 Golder Phase One ESA, from which some of the historical records and other findings were collected and shared throughout this report, no previous environmental reports pertinent to this Phase One ESA were provided for review. It should be noted that the Golder Phase One ESA covered the entire 1047 Richmond Road property

It should be noted that the findings of this Phase One ESA records review are in general agreement with those findings presented in Golder's 2021 Phase One ESA.



Notwithstanding, the Site was operating as a new and used car sales and service facility at the time of the Golder Phase One ESA (whereas the Site was vacant during Terrapex's Phase One Site reconnaissance). As such, a summary of the observations and pertinent findings made during Golder's 2021 Site reconnaissance is provided below:

- The property was occupied by a 1,600 m<sup>2</sup>, two-storey slab-on-grade commercial building that was used as an office, showroom, automotive service garage, body shop, and paint booth. The majority of the former building was located on the current Site. Vehicles were stored throughout the property.
- Four ASTs were observed on the property. Three were observed within the garage for the storage of motor oil and one for the storage of waste oil located outside to the north of the building. Staining was observed at that location and within the garage area.
- Fifteen hoists were observed in the garage area, one of which was hydraulic (not in-ground). However, evidence of former in-ground hydraulic hoists was observed.
- The property was fully serviced with municipally supplied potable water, sanitary and storm sewers, gas and communications (all of which were subsurface utilities). Suspended transformers were located in the eastern portion of the Site, providing overhead hydro service to the building.
- Building heating was natural gas-fired (consistent with FIPs, as summarized in Section 4.1.3).
- References were made to an oil/water separator (OWS), a service station with associated USTs, and a waste oil UST. These references were based on as-built drawings provided. Those items were not observed during Golder's Site reconnaissance (further discussed in Section 4.4).
- Property-use in the vicinity of the Site was noted to be residential and commercial. No PCAs were observed off-Site on the surrounding properties during the Site reconnaissance.

Golder identified a total of 13 PCAs as follows:

#### On-Site

- PCA 1 #10 for commercial autobody shop;
- PCA 2A and 2B #28 for former USTs;
- PCA 3 #28 for the AST;
- PCA 4 # 39 for the paint booth;
- PCA 5 #30 for the fill material; and,
- PCA 6 #55 for an observed pole mounted transformer.



**Off-Site:**

- PCA G #46 for the railway corridor found at 350 m north of the Site.
- PCA H #28 for a former gas station was reported at 1051 Richmond Road.
- PCA I #37 for operation of dry-cleaning equipment at 993 Richmond Road.
- PCA J #10 for the automotive repair shop at 1075 Richmond Road.
- PCA K #28 for 99 New Orchard Avenue.
- PCA L #55 for a transformer located 125 m northwest of the Site.
- PCA M #10 for 979 Richmond Road.

**4.1.6 Property Use Records**

In 2021, Golder (through ERIS) conducted a review of relevant and readily available city directories to assess the occupancy history of the Phase One Property and selected surrounding properties.

The Phase One Study Area was generally unlisted until 1954/56, when property use was residential. The Site was first listed in 1965 as Parkland Plymouth Chrysler and generally remained the same until 2011 (the last year reported).

Based on a review of the information obtained, a summary of search results that are considered to be PCAs, or otherwise of potential environmental concern to the Site, is provided in the table below:

**SUMMARY OF CITY DIRECTORY INFORMATION**

Address	Proximity <sup>1</sup>	Year(s)	Listing(s)	Potential PCAs <sup>2</sup> /Concerns
1047 Richmond Road	Site	1965-2011	Parkland Plymouth Chrysler	10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks
979 Richmond Road	175 m northeast	1969-2011	Tops Car Wash	N/A
993 Richmond Road	145 m northeast	1978-1982	Palmer's Cleaners	37 - Operation of Dry Cleaning Equipment (where chemicals are used)
955 Richmond Road	230 m northeast	2000-2011	Ottawa Honda	10 – Commercial Autobody Shops

<sup>1</sup> Direction and approximate distance to nearest Site boundary

<sup>2</sup> As set out in Table 2 in Schedule D of O. Reg. 153/04.

A copy of the municipal directory search results is provided in Appendix IV.



## 4.2 ENVIRONMENTAL SOURCE INFORMATION

### 4.2.1 ERIS Environmental Databases

Terrapex ordered a RSC (Urban) database report from ERIS for any records associated with the Site and properties within the Phase One Study Area. ERIS searched government and privately owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04.

The report from ERIS is reproduced in Appendix V and presents information for the records found, a Site diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched.

The ERIS report indicated 150 listings within the Phase One Study Area. Relevant listings considered to be PCAs under O. Reg. 153/04 are summarized in the table below.

#### SUMMARY OF RELEVANT ERIS FINDINGS

Address	Proximity*	Database	Year(s) <sup>#</sup>	Details	PCA <sup>3</sup> s/Potential Concerns
1047 Richmond Road	The Site	CA EASR GEN	1997 2012 2021	Waste Oil Furnace Automotive Refinishing Waste Oil/Sludges	10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks
1025 Richmond Road	Adjacent to the northeast	SCT	NA	Lighting Fixture Manufacturing	N/A
1162 Byron Avenue	70 m east	SPL	1988	200 L furnace oil to floor drain	Other - Spill
Richmond Road and New Orchard Ave. (Ottawa LRT)	50 m south	SPL SPL	2020 2021	50 L diesel fuel 20 L hydraulic oil	Other - Spill
1075 Richmond Road	70 m southwest	EASR	2012	Automotive Refinishing	28 - Gasoline and Associated Products Storage in Fixed Tanks
979 Richmond Road	125 m northeast	PRT GEN DNTK EXP	1995 2002-04 2001 1988	Tops Car Wash Light Fuels Expired Facility 3 x 22,700L gasoline UST	28 - Gasoline and Associated Products Storage in Fixed Tanks
192 Ancaster Avenue	180 m east	SPL	2000	50 L furnace oil to drain	Other - Spill
1100 Ambleside Drive	165 m southwest	GEN	2022	Oil Skimmings and Sludges	Other – Waste Generation
945 Richmond Road	250 m northeast	GEN	2013	Oil Skimmings and Sludges	Other – Waste Generation
1136 Richmond Road	250 m southwest	EASR	2020	Waste Management System (Telecon Inc.)	Other – Waste Generation
1068 Richmond Road	190 m southwest	SPL	2021	30 L hydraulic oil	Other - Spill

<sup>1</sup> direction and approximate distance to nearest Site boundary

<sup>2</sup> For SCT listings, the year is the year the company was established.

<sup>3</sup> As set out in Table 2 in Schedule D of O. Reg. 153/04.



Other spill events were identified within the Phase One Study Area. Based on a review of the records, the majority were for small spills (5 L or less of motor oil, hydraulic oil, diesel fuel or engine coolant) related to the construction work for the LRT tunnel, or materials that are not considered to be a potential environmental concern for the Site (sewage, concrete/concrete wash or natural gas) and are not considered to be significant in terms of potential impacts to the environmental quality of soil or groundwater at the Site (and are not included in the table above).

#### **4.2.2 Other Government and Regulatory Documentation**

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site, and/or any available information pertaining to nearby water bodies and areas of natural significance within the Phase One Study Area. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix VI.

##### **4.2.2.1 Freedom of Information**

Golder had previously conducted a search of the Ontario Ministry of the Environment, Conservation and Parks (MECP) Access Environment database and no registrations or approvals were noted for the property.

Terrapex submitted a request for information was submitted to the MECP Freedom of Information, Protection of Privacy Office for information in their files regarding the Site that pertain to any Environmental Concerns, Orders and Spills. No response has been received as of the writing of this report.

The Technical Standards & Safety Authority (TSSA) was contacted by Golder in 2021 regarding records of fuel storage tanks at the Site and neighbouring sites. Golder received a response from the TSSA on September 9, 2021, indicating that no records were found for the Site.

Given that there have been no changes at the Site since that time, Terrapex did not submit a TSSA FOI request as part of this Phase One ESA.



#### 4.2.2.2 Areas of Natural Significance

Terrapex conducted a search of the information provided in the following resources to identify any areas of natural significance (as defined by O. Reg. 153/04) at, or within 30 m of, the Phase One Property. The search comprised:

- Review of the Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario (LIO) website to identify the following:
  - Provincial Parks and Conservation Reserves;
  - Areas of Natural and Scientific Interest (life science or earth science);
  - Provincially Significant Wetlands;
  - Niagara Escarpment Natural and Protection Areas;
  - Oak Ridges Moraine Natural Core or Natural Linkage Areas;
  - Wilderness Area.
- Review of Official Plans for upper tier and lower tier municipalities (as applicable).
- Review of extensive information sources (Section 9.0, References) to identify threatened or endangered species at risk, and their habitat, that have the potential to occur at, or within 30 m of, the Phase One Property.

The information gleaned from these sources is summarized in the table below.

#### SUMMARY OF REVIEW FINDINGS FOR AREAS OF NATURAL SIGNIFICANCE

Feature	Present	Details
Provincial Park/Conservation Reserve	No	• N/A
MNRF Provincially Significant ANSI	No	• N/A
Significant Woodland	Yes	• Mapped woodland identified approximately 100 m north of the Site.
MNRF Provincially Significant Wetland	Yes	• Mapped wetland identified approximately 115 m northwest of the Site (within identified woodland)
Environmentally Significant in Municipal Official Plan	No	• N/A
Designated Natural or Protection Area by Niagara Escarpment Plan	No	• N/A
Threatened/Endangered Species & Associated Habitat <sup>1</sup>	No	• N/A
Designated Natural Core or Linkage Area by Oak Ridges Moraine Conservation Plan	No	• N/A
Wilderness Area	No	• N/A



#### 4.2.2.3 City of Ottawa Historic Land Use Inventory

In 1999, the former Regional Municipality of Ottawa-Carleton commissioned the preparation of a Historic Land Use Inventory (HLUI). The purpose of the HLUI was to collect information on the type and location of all land uses within the boundaries of the former Regional Municipality of Ottawa-Carleton (now the City of Ottawa) which had or have the potential to cause contamination in soil, ground water or surface water.

Golder received an HLUI report from the City of Ottawa as part of their Phase One ESA. Although the detailed report was not provided, a summary of the pertinent records was provided. As indicated by Golder in 2021, the following is a summary of the pertinent potential concerns.

#### **SUMMARY OF POTENTIAL CONCERNS IDENTIFIED BY HLUI**

Address <sup>1</sup>	Business (s)	PCAs/Potential Concerns
1051 Richmond Road (current 1075 Richmond Road) (70 m southwest)	Retail Fuel Outlet	28 - Gasoline and Associated Products Storage in Fixed Tanks Listed as Gasoline Service Stations in 1956
993 Richmond Road (145 m northeast of the Site)	Palmer's Cleaners (Dry Cleaners)	37 - Operation of Dry Cleaning Equipment (where chemicals are used) Listed as Laundries and Cleaners in 1980
1075 Richmond Road (70 m southwest)	Booth Collision Centre (Automotive Garage)	10 – Commercial Autobody Shops Listed as Motor Vehicle Repair Shop from 1998 to 2005
979 Richmond Road (175 m northeast of the Site)	Tops Car Wash Co. Limited	10 – Commercial Autobody Shops Listed as Motor Vehicle Repair Shops in 2005

<sup>1</sup> Distances relative to the site are approximate and are measured from nearest property boundaries

Given that additional HLUI records are not likely to exist, Terrapex did not request a HLUI record search as part of this study.

A copy of the HLUI map from the Golder report is provided in Appendix VI.

#### 4.2.2.4 Other Documentation

Terrapex reviewed the Source Water Protection Information Atlas compiled by the MECP to determine Wellhead and Intake Protection Zones in the vicinity of the Site. The Study Area does not include a wellhead protection area. However, it is in an intake protection zone, as is most of the region to the south of the Ottawa River (located approximately 225 m north of the Site).



Mapping available on the Rideau Valley Conservation Authority (RVCA) website indicates that the Site is outside the regulated area of a floodplain, valley land, slope or wetland; and, is within the Pinecrest Creek catchment of the Ottawa River West watershed. Accordingly, surface water drainage from the Site (other than what is captured into the municipal storm water sewer system) may ultimately flow to this water body.

#### 4.2.3 Client File Information

The Client has provided Terrapex with a current plan of survey for the site and a current concept plan for future redevelopment (both reproduced in Appendix I). The Client also provided information related to Phase Two ESA work conducted by Golder/WSP. Pertinent information from Golder/WSP' Phase Two ESA will be duplicated and relied upon in any future Phase Two ESA conducted at the Site.

### 4.3 PHYSICAL SETTING SOURCES

#### 4.3.1 Aerial Photographs

Aerial photographs were selected (based on availability, quality, and scale) for review to identify changes to topographic features, as well as development of the site and surrounding properties within the Phase One Study Area over time. Intervening years from 1946, 1958, 1965, 1976, 1991, 2002, 2011, 2021, and 2024 was considered to be sufficient to permit a reasonable evaluation of the area development and apparent land use history.

The relevant features identified in the aerial photographs are summarized in the table below. It should be noted that identification of some specific features at the Site and surrounding areas was precluded by the scale and resolution of the aerial photographs. Copies of the aerial photographs are included in Appendix VII.

#### SUMMARY OF AERIAL PHOTOGRAPH IMAGES

Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1946	National Air Photo Library	<ul style="list-style-type: none"> <li>Generally forested with one building visible along the western property limit</li> </ul>	<ul style="list-style-type: none"> <li>Richmond Road and New Orchard Avenue are visible to the south and west of the Site, respectively</li> <li>Rail lines are visible to the north and south of the Site, oriented in an approximate east/west direction.</li> <li>The lot to the west of New Orchard Avenue is cleared with a series of small structures in a semi circle and a larger building in the southeast portion of the property.</li> <li>Development in the Study Area appears sparsely residential otherwise.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul>



Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1958	geoOttawa	<ul style="list-style-type: none"> <li>At least three structures are visible on the western portion of the Site.</li> <li>The remainder appears unchanged (forested).</li> </ul>	<ul style="list-style-type: none"> <li>The small structures to the west of New Orchard Avenue are no longer visible and the property appears to be covered with small stockpiles / disturbed soil.</li> <li>A service station is visible further to the southwest along Richmond Road (current 1075 Richmond Road).</li> <li>Residential development is visible south of Byron Avenue.</li> <li>No other significant changes since 1946 are visible.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul>
1965	geoOttawa	<ul style="list-style-type: none"> <li>The car dealership, automotive garage and parked cars are visible with the building located on the eastern portion of the Site. However, development appears limited to the building footprint and further west to the property limits (generally the entire Phase One Property)</li> </ul>	<ul style="list-style-type: none"> <li>The reported carwash is visible to the northeast of the Site just beyond the forested area (current 979 Richmond Road).</li> <li>A new road is visible to the west of New Orchard Avenue (now Ambleside Drive) and an apartment complex is visible to the north side of the roadway.</li> <li>It appears that the rail line to the south of the Site has been removed. The area between Richmond Road and Byron Avenue (where the tracks were located) is a greenspace with trees.</li> <li>No other significant changes since 1958 are noted.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul>
1976	geoOttawa	<ul style="list-style-type: none"> <li>No significant changes on-Site since 1965 although more parked cars are visible.</li> </ul>	<ul style="list-style-type: none"> <li>The rest of the 1047 Richmond Road property appears to be a finished parking area with parked cars visible.</li> <li>A larger building is under construction to the northeast of the Site between the Site and the carwash.</li> <li>Other large residential towers are visible to the western extent of the Study Area.</li> <li>A building (current seniors' residence) is visible to the north of the Site.</li> <li>It appears that the rail line to the north of the Site has been removed and the layout along the Ottawa River appears similar to the current layout with the Kichi Zibi Mikan Parkway.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul>



Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1976 (cont'd)	geoOttawa		<ul style="list-style-type: none"> <li>The service station to the west of the Site appears to have been redeveloped as a strip mall.</li> <li>It appears some infilling has occurred along the shore of the Ottawa River to the north of the Site.</li> </ul>	
1991	geoOttawa	<ul style="list-style-type: none"> <li>It appears that the northwest portion of the building was expanded</li> <li>No other significant changes on-Site since 1976.</li> </ul>	<ul style="list-style-type: none"> <li>The northernmost portion of the Study Area is not visible.</li> <li>The residential tower to the northeast of the Site has been completed.</li> <li>No significant changes since 1976.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul>
2002	geoOttawa	<ul style="list-style-type: none"> <li>No significant changes on-Site since 1991.</li> </ul>	<ul style="list-style-type: none"> <li>No significant changes on-Site since 1991.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul>
2011	geoOttawa	<ul style="list-style-type: none"> <li>No significant changes on-Site since 2002.</li> </ul>	<ul style="list-style-type: none"> <li>There appears to be other structures to the east of the on-Site building (generally located off-Site)</li> <li>The building to southwest of the Site on the west of New Orchard Avenue has been redeveloped</li> <li>The building to the northeast of the site (current Ottawa Honda) has been expanded.</li> <li>No other significant changes on-Site since 2002</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul> <p>Off-Site</p> <ul style="list-style-type: none"> <li>None</li> </ul>
2021	geoOttawa	<ul style="list-style-type: none"> <li>No significant changes on-Site since 2011.</li> </ul>	<ul style="list-style-type: none"> <li>It appears that construction of the Ottawa LRT tunnel has started to the south of the Site in the area between Richmond Road and Byron Avenue.</li> <li>No other significant changes on-Site since 2011.</li> </ul>	<p>On-Site</p> <ul style="list-style-type: none"> <li>10 – Commercial Autobody Shops</li> <li>28 - Gasoline and Associated Products Storage in Fixed Tanks</li> </ul>



Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
2021 (cont'd)	geoOttawa			Off-Site • None
2024	Google Earth	<ul style="list-style-type: none"> <li>On-Site buildings have been demolished, and the Site is vacant.</li> </ul>	<ul style="list-style-type: none"> <li>No other significant changes on-Site since 2021.</li> </ul>	On-Site <ul style="list-style-type: none"> <li>None</li> </ul> Off-Site <ul style="list-style-type: none"> <li>None</li> </ul>

Based on a review of the aerial imagery described above, the Study Area was predominantly of rural-residential use prior to being redeveloped for more concentrated residential-use. However, the Site itself was redeveloped for commercial use (as a car dealership with automotive garage) in 1959 and remaining in operation until 2023. Other surrounding properties (generally along Richmond Road) were also developed commercially to service the residential development.

#### 4.3.2 Topography, Hydrology, Geology

A topographic map of the Site and Phase One Study area was obtained from geoOttawa. Geological plans and borehole logs for the Site were also reviewed. A summary of reviewed information is presented in the table below:

##### SUMMARY OF TOPOGRAPHY, HYDROLOGY AND GEOLOGY

<b>Site &amp; Regional Topography:</b>	The Site is generally flat. No major topographic features are mapped on the Site. The Phase One Study Area slopes uniformly to the north toward the Ottawa River (located approximately 225 m north of the Site)
<b>Approximate Site Elevation:</b>	64 m above sea level (asl).
<b>Surface Water Drainage:</b>	Overland.
<b>Inferred Groundwater Flow Direction:</b>	Based on the topography, the shallow regional groundwater flow is anticipated to be to the northwest. However, periodic changes in the local groundwater flow regime may be affected by dewatering operations in the vicinity of the Site associated with construction activities (e.g., LRT construction).
<b>Physiography and Soil Stratigraphy:</b>	Quaternary geology maps describe the Study Area in an area of undifferentiated, predominantly a sandy silt to silt matrix, commonly rich in clasts, often high in total matrix carbonate content.  Surficial geology maps describe the Study Area in an area of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Fluvial terraces (former edges of flood plains) oriented similar to the Ottawa River were noted to the northeast and south of the Site. Meltwater channels were noted to the west and south of the Site similarly oriented to the Ottawa River.  Physiography maps describe the Study Area in an area of limestone plains.  Bedrock geology is described as limestone, dolostone, shale, arkose, and sandstone of the Ottawa Group; Simcoe Group; and, Shadow Lake Formation
<b>Bedrock and Approximate Depth:</b>	Geotechnical boreholes in the vicinity of the Site describe the drift thickness between 0 and 2 m below ground surface (bgs). Previous assessments at the Site are in general agreement with this observation with some limited location specific variability.



The topographic map is reproduced in Appendix VIII.

#### 4.3.3 Fill Materials

Some fill materials are anticipated at the Site. However, it should be limited to minor quantities of engineered sand/gravel fill used during first development or as backfill in previously excavated areas.

#### 4.3.4 Water Bodies and Areas of Natural Significance

Based on a review of information and records in the preceding sections, a summary of water bodies, areas of natural significance, and groundwater sensitivity information within the Phase One Study Area is provided in the table below.

##### WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

<b>Surface Water:</b>	The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04. The nearest water body is the Ottawa River situated approximately 225 m to the north of the Site.
<b>Area of Natural Significance:</b>	None at, or within 30 m of the Site.
<b>Wellhead and Intake Protection Areas:</b>	Wellhead protection areas are not located within the Phase One Property, or within the Phase One Study Area. However, the entire Study Area is located in a intake protection area.
<b>Municipal Drinking Water System:</b>	The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system.

#### 4.3.5 Well Records

Based on a review of information provided in Ontario's Water Well Information System (WWIS), accessed December 4, 2024, there are 33 well records in the Phase One Study Area, 20 of which were identified as water supply wells (generally drilled between 1949 and 1954, none of which were on-Site). The other 13 well records were for other purposes (monitoring, observation, testing, etc., generally drilled between 2004 and 2022, nine of which were on-Site).

It should be noted that many wells in the province have been decommissioned or abandoned without appropriate reporting to the MECP; in addition to issues regarding the accuracy of well locations, some MECP database listings pertain to wells that are possibly no longer in use or in existence. The supply well locations are shown on Figure 3.

A summary of relevant water well records with sufficient information on the hydrogeological and geological characteristics of the Phase One Study Area and nearest to the Site are summarized in the table below:



**SUMMARY OF SELECTED WATER WELL RECORDS**

Well ID/ Tag	Year	Type of Well	Location	General Stratigraphy	Approximate Depth to Water Table (m bgs)
1503902	1949	Household Supply	70 m southeast	Approximately 2.7 m of loam overlying limestone bedrock	9.1 m bgs
1509027	1953	Household Supply	75 m southeast	Approximately 3.0 m of grey clay overlying limestone	6.1 m bgs

Copies of the water well records are provided in Appendix VI.

#### 4.4 SITE OPERATING RECORDS

Site operating records specific to an enhanced investigation property were not made available to Terrapex for review with the exception of a 1960-era as-built set of drawings showing the construction car dealership and automotive garage. A copy of which is provided in Appendix IX.

It should be noted that the drawings do not explicitly note the location address associated with the details depicted in the plans and that some plans note “Carling Avenue”, which may refer to another construction undertaken at the same time.

It is Terrapex’s opinion that some of these drawings may have been generic in nature and Site-specific observations, with respect to identifying PCAs at the Phase One Property, considered the north arrow (for the former building orientation), the property boundary, and the identification of Richmond Road and New Orchard Road to associate the drawing with the actual Phase One Property. As shown in the collection of drawings:

- Sheet 1A shows the building footprint in 1960 with underground water service from Richmond Road; two catch basins to the south of the former building directed to the storm sewer located under New Orchard Road; underground electrical and bell telephone service from a pole at New Orchard Road; and, sanitary and storm sewers directed from the building to sewer lines located in New Orchard Road. No service station and associated USTs were identified to the south of the building (consistent with the FIPs).
- Sheet C1 shows the automotive garage consisted of a six-bay garage with visualiner pit in east-central portion of the garage area. The remainder of the building is slab-on-grade. The associated hydraulic piston is shown in Sheet C2.
- Sheet C2 shows a 1,000 gallon waste oil UST and an interceptor pit (OWS). It is unclear if or where these were located on the Phase One Property. However, the OWS was most likely located within the garage, connected to either the previously noted sanitary or storm sewers seen leaving the garage area in Sheet 1A.



- Sheet EL 1 shows a similar building footprint. However, the north arrow orientation, the property boundary, and the adjoining street do not match the Phase One Property. Although a service station is shown with associated USTs, it is unlikely that this drawing is depicting the Site. This conclusion is also evidenced by observations made in the FIPs and aerial photographs where no evidence of a service station was noted. Further, Sheet EL 1A does appear to depict the Site and no service station is shown.
- Sheet M1 shows a 1,000 gallon waste oil UST outside of the building footprint with a 2" waste oil line leaving the garage area and a vent pipe. No north arrow is shown and the title notes: "First Floor Plan, Carling Ave. Site". Therefore, it is unclear if this drawing depicts the Site. However, the presence of a similar waste oil UST at the Site historically is not unreasonable. Although Sheet M1A is identified as the Richmond Site and does not show a waste oil UST in that same location.
- Sheet M1A shows the sanitary and storm sewer configurations leaving the garage area. However, an OWS is not shown. Again, the presence of an OWS at the Site historically is not unreasonable.
- Project No. 65-119, Sheet 1 (dated 1966) shows the expansion of the asphalt-covered parking area to the east of the Site on the 1047 Richmond Road property with the addition of two catch basins.

What is known about the former layout of the on-site building based on the information included in the various drawings is shown on Figure 2.



## 5.0 INTERVIEWS

### 5.1 SITE REPRESENTATIVE

A representative of the property owner with knowledge of the Site was interviewed by Terrapex. Relevant information obtained during the interview is summarized below.

#### SUMMARY OF SITE-KNOWLEDGEABLE PERSON INTERVIEW

<b>Name and Position of Knowledgeable Person:</b>	Mr. Lee Marlow Development Coordination with Fengate
<b>Interview Date:</b>	July 4, 2024 (via email)
<b>Limitation(s) of Knowledge:</b>	Mr. Marlow has been involved with the Site since 2021
<b>Site History, Use(s):</b>	The client purchased the site in 2022.  The car dealership and automotive service garage/body shop operated at the Site until early 2023.  The demolition of the former building was conducted in November 2023. It is understood that all infrastructure related to the former building including footings and foundations were removed at the time.
<b>Knowledge of Previous Environmental Reports:</b>	Mr. Marlow was not aware of any previous environmental assessment work conducted at the Site.
<b>Current or Previous Fuel or Chemical Storage:</b>	Mr. Marlow had no knowledge of the previous garage operations.
<b>Knowledge of Spills, Leaks, Discharges:</b>	Mr. Marlow was not aware of any previous spills, leaks or discharges at the Site.

The statements and information provided by Mr. Marlow were consistent with information obtained from other sources as part of the Phase One ESA investigation. No additional information pertaining to the site could be provided.

Specific limitations associated with the interview of the knowledgeable person are provided in Section 3.3.



## 6.0 SITE RECONNAISSANCE

### 6.1 GENERAL REQUIREMENTS

The reconnaissance of the Site and the Phase One Study Area were conducted by Terrapex staff of Terrapex, as follows:

#### SITE RECONNAISSANCE PARTICULARS

Date, Time, and Duration of Investigation	Weather Conditions	Guide	Occupant/Use of Facility During the Investigation	Enhanced Investigation Property <sup>1</sup>	Names and Qualifications of Persons Conducting the Investigation
July 12, 2024 2 hr	Sunny 27 °C	NA	Vacant	No	Keith Brown, P. Eng.
June 11, 2025 1 hr	Sunny 22 °C	NA	Vacant	No	Keith Brown, P. Eng.

<sup>1</sup> As per clause 32 (1) of O. Reg. 153/04

Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. During the Site reconnaissance, Terrapex photographed the general Site layout, as well as any specific environmental concerns identified on the site or on surrounding properties within the Phase One Study Area.

Specific limitations encountered during the Site reconnaissance are provided in Section 3.3.

The site location plan is shown on Figure 1. The site layout is shown on Figure 2. Selected photographs including general descriptions are provided in Appendix X.

### 6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

#### 6.2.1 Site Description, Structures, and Other Improvements

At the time of the Site visits, the Site was vacant other than some light post and signage related to the former car dealership. The former pole-mounted transformers (APEC 6 as identified by Golder) and associated wooden structure was observed on the west-central portion of the Site. The former four transformers observed by Golder in 2021 had been removed (likely at the time of the building demolition). No significant changes were noted between the 2024 and 2025 site reconnaissance.

#### 6.2.2 Storage Tanks

No above or below grade storage tanks were observed to be present at the Site during the inspection.



### 6.2.3 Water Sources

It is anticipated that there are no water services at the Site presently following the demolition of the building.

### 6.2.4 Underground Utilities

It is anticipated that there are no underground utilities at the Site presently as all previous services would have been cut and capped at the time of the building demolition.

### 6.2.5 Interior Features of Buildings and Structures

The Site is vacant with no structures present.

### 6.2.6 Exterior Observations

A summary of observations of the exterior features of the Site is provided in the table below.

#### OBSERVATIONS OF EXTERIOR FEATURES

Feature	Details
Sewage Works	None observed
Oil/Gas or Water Wells	Monitoring wells were observed on-Site and on the remainder of the 1047 Richmond Road property
Ground Surface	Generally flat.
Railway Lines/Spurs	None observed
Stained Soil/ Vegetation/ Pavement	None observed
Stressed Vegetation	None observed
Areas of Fill/Debris	Minor construction fill and backfill.
Potential PCA <sup>1</sup>	None observed
Unidentified Substances	None observed

<sup>1</sup>As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.

### 6.2.7 Enhanced Investigation Property

The historical use of the Site renders it as an Enhanced Investigation Property. However, the Site has been decommissioned. No operating records were available for review during Site reconnaissance.



### 6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY

A summary of the observations from reconnaissance of the Phase One Study Area is provided in the table below.

#### SURROUNDING PROPERTY FEATURES AND OBSERVATIONS

Feature	Approximate Location	Details
Land Use	North	Residential property use (New Orchard Lodge long-term care home), parkland and Kichi Zibi Mikan Parkway beyond, Ottawa River located at approximately 225 m from the Site
	Northeast	Residential and commercial properties (Tim Hortons, Tops Car Wash, Honda car dealership)
	East/Southeast	Richmond Road, LRT tunnel (under construction), Byron Avenue and residential properties beyond
	South	Intersection of Richmond Road and New Orchard Avenue North, LRT tunnel and station (under construction), Byron Avenue and residential properties beyond
	Southwest	New Orchard Avenue North, residential and commercial properties (Ottawa Honda car dealership)
	West	New Orchard Avenue North, suspected hydro vault, residential properties
	Northwest	New Orchard Avenue North, residential properties, parkland and Kichi Zibi Mikan Parkway beyond, Ottawa River located at approximately 225 m from the Site
Water Body	North	Ottawa River located approximately 225 m from the Site
Area(s) of Natural Significance	None	None observed
Municipal Drinking Water System	None	None observed
Well(s) for Consumption/ Agricultural Use	None	None observed
PCA <sup>1</sup>	Northeast	Honda dealership with automotive service garage
	West	Suspected hydro vault
	North	Suspected backup generator with fuel storage

<sup>1</sup>As set out in Table 2 in Schedule D of O. Reg. 153/04, or otherwise as determined by the QP.



## 6.4 WRITTEN DESCRIPTION OF INVESTIGATION

The site reconnaissance were conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One Study Area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the site reconnaissance are provided above in Sections 6.2 and 6.3, for the Site and the Phase One Study Area, respectively.

Discussions regarding the identification of PCAs on the Site and on surrounding properties with the Phase One Study Area are provided below in Section 7.2.



## **7.0 REVIEW AND EVALUATION OF INFORMATION**

### **7.1 CURRENT AND PAST USES**

The current registered owner of the Site is 1047 Richmond Nominee Inc., which has owned the property since 2022. The Site was transferred between individuals since 1804 for assumed agricultural use, was occupied by 12 tourist cabins in 1956, and was developed as a car dealership and automotive service garage in 1959. A summary of the current and past uses of the property is provided in Table 1 appended to this report.

### **7.2 POTENTIALLY CONTAMINATING ACTIVITY**

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, six PCAs were identified on the Site and 17 PCAs were identified within the Phase One Study Area. Details regarding the PCAs are provided in Table 2 appended to this report. Refer to Figure 4 for the location of the PCAs with respect to the Site and the Phase One Study Area limits.

### **7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

An area of potential environmental concern (APEC), as defined in O. Reg. 153/04, is the area on, in, or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One Property and (b) identification of potentially contaminating activity.

A total of seven APECs were identified pertaining to the Site as detailed in Table 3 appended to this report, and shown on Figure 5.

### **7.4 PHASE ONE CONCEPTUAL SITE MODEL**

The Phase One Conceptual Site Model (CSM) has been developed based on the findings of the records review, site reconnaissance, and interviews completed to date as described by the foregoing sections of this report. The Phase One CSM consists of the tabulated narrative in Appendix XI and the Figures contained in this report.



## **8.0 CONCLUSIONS**

### **8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED**

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to meet the conditions required to file an RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04. Although it is understood that the filing of an RSC is not required, as a change in property use to a less sensitive condition at the Site, is not being considered.

### **8.2 RSC BASED ON PHASE ONE ESA ALONE**

An RSC could not be filed for the Phase One Property based solely on this Phase One ESA.

### **8.3 SIGNATURES**

This report has been completed in accordance with the terms of reference for this project as agreed upon by Valero Energy Inc. (Client) and Terrapex Environmental Ltd. (Terrapex) and generally accepted engineering or environmental consulting practices in this area.

Terrapex has exercised due care, diligence, and judgement in the performance of this assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the assessment, and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time. Where applicable, observations of nearby properties were limited to areas visible from the site or from publicly accessible areas and vantage points.

Terrapex has relied in good faith on information and representations obtained from the Client and third parties and, except where specifically identified, has made no attempt to verify such information. Terrapex accepts no responsibility for any deficiency or inaccuracy in this report as a result of any misstatement, omission, misrepresentation, or fraudulent act of those providing information. Terrapex shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time of the study.

This report has been prepared for the sole use of Valero Energy Inc. Terrapex accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than Valero Energy Inc.

The objectives and requirements set out in Schedule D of O. Reg. 153/04 have been applied in carrying out this environmental site assessment.



Respectfully submitted,  
**TERRAPEX ENVIRONMENTAL LTD.**



Jason O'Bright, P.Eng.  
Project Engineer



Keith Brown, P.Eng.  
Senior Project Manager





## 9.0 REFERENCES

### ***Regulations and Guidelines***

Ontario Regulation 153/04, *Records of Site Condition – Part XV.1 of the Act*

*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, Ministry of Environment, Conservation and Parks (MECP). April 15, 2011.

### ***Site Plans:***

Plan of Survey, *Part of Lots 24 AND 25, Concession 1 (Ottawa Front), Geographic Township of Nepean, City of Ottawa*, prepared by Annis, O'Sullivan, Vollebekk Ltd., undated.

*Concept Plan, Site Plan Phase 1*, prepared by RLA Architecture, March 24, 2025.

### ***Property Use Information:***

Land Registry and sales history information from Service Ontario Parcel Register, dated April 11, 2025.

Chain of Title provided by Environmental Risk Information Services Ltd. (ERIS).

Fire Insurance Plans available from 1965 to 1994 provided by ERIS through Opta Information Intelligence.

City of Ottawa Directories from s provided by ERIS,.

### ***Environmental Source Information:***

MECP documents and databases:

- Federal and Provincial Government and additional private database records, available through ERIS Ltd., for locations within 250 m of the Site boundaries (a full list of databases searched is included in the ERIS Ltd. report)
- Vernon's City Directory, Ontario, Ottawa & Area, various years, 1925 – 2011 ordered through ERIS Ltd.
- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II (April 1987), prepared for MECP by Intera Technologies Ltd. (Intera)
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume I (November 1988), prepared for MECP by Intera
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II (November 1988), prepared for MECP by Intera
- Waste Disposal Site Inventory (June 1991)
- Ontario inventory of PCB storage Sites, (October 1995)
- MECP *Brownfields Environmental Site Registry* website



- Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information and Protection of Privacy Office
- Ontario Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario website
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division
- City of Ottawa Historical Land Use Inventory (HLUI)

### **Physical Setting Sources**

- Aerial photograph/satellite images for the years 1958, 1965, 1976, 1999, 2011, 2022 and 2024 from City of Ottawa Interactive Mapping website (geoOttawa) and Google Earth.
- Topographic Map: National Topographic Systems (NTS), Energy, Mines and Resources Canada, (1:50,000), Atlas of Canada Toporama mapping, available from the Natural Resources Canada website: <http://atlas.nrcan.gc.ca/site/english/index.html>, updated 2010.
- Ontario Geological Survey map entitled *Surficial Geology of Southern Ontario*, map provided by ERIS.
- Ontario Geological Survey map entitled *Bedrock Geology of Ontario*, map provided by ERIS.
- Ontario Ministry of Agriculture and Food, Ministry of Natural Resources, Soil Survey Complex (ON Soils), Soil Survey Complex (ON Soils), map provided by ERIS.
- Well record information available from ERIS on the Water Well Information System databases and from the MECP Environmental Monitoring and Reporting Branch Water Well Information System, on-line mapping application
- *The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey Special Volume 2* (1984), Chapman and Putnam, map provided by ERIS.

### **Endangered Species and Habitat Assessment:**

*Birds Ontario*, available at <https://www.birdsontario.org/jsp/datasummaries.jsp#results>

*Atlas of the Mammals of Ontario*. Federation of Ontario Naturalists. Dobbyn.J., 1966.

*Recovery strategy for the Eastern Prairie Fringed-orchid (Platanthera leucophaea) in Ontario*. Ontario Recovery Strategy Series. Eastern Prairie Fringed-orchid Recovery Team (EPFORT). Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. 2010.

*Management Plan for the Monarch (Danaus plexippus) in Canada*. Species at Risk Act Management Plan Series. Environment and Climate Change Canada, Ottawa. ECCC. 2016.

*Fisheries and Oceans Canada (DFO)*, available at <https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html>



*Recovery Strategy for the Queensnake (Regina septemvittata) in Ontario.* Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Gillingwater, Scott. D. 2011.

*Recovery Strategy for the Little Brown Myotis (Myotis lucifugus), Northern Myotis (Myotis septentrionalis) and Tri-colored Bat (Perimyotis subflavus) in Ontario.* Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. 2019.

*Adoption of the Recovery Strategy for the Little Brown Myotis (Myotis lucifugus), the Northern Myotis (Myotis septentrionalis), and the Tri-colored Bat (Perimyotis subflavus) in Canada* (Environment and Climate Change Canada 2018). Humphrey, Christy and Heather Fotherby. 2019.

*Vascular Plants at Risk in Ontario.* James Leslie. 2018.

*Species at risk in Ontario.* MECP. 2023. Available from: <https://www.ontario.ca/page/species-risk-ontario>.

*Ministry of Natural Resources and Forestry (MNR) online Make a Natural Heritage Area Map, available at*

[https://www.lioapplications.lrc.gov.on.ca/Natural\\_Heritage/index.html?viewer=Natural\\_Heritage.Natural\\_Heritage&locale=en-CA](https://www.lioapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&locale=en-CA)

*Recovery Strategy for the American Ginseng (Panax quinquefolius) in Ontario.* Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. Ministry of the Environment, Conservation and Parks. 2019.

*Adoption of the Recovery Strategy for American Ginseng (Panax quinquefolius) in Canada.* Environment Canada. 2018.

*Recovery Strategy for the Blanding's Turtle (Emydoidea blandingii) in Ontario.* Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. Ministry of the Environment, Conservation and Parks. 2019.

*Adoption of the Recovery Strategy for Blanding's Turtle (Emydoidea blandingii), Great Lakes / St. Lawrence population, in Canada.* Environment and Climate Change Canada. 2018.

*NHIC Species At Risk of Ontario, available at* <https://inaturalist.ca/projects/nhic-rare-species-of-ontario>

*Recovery Strategy for the Red Mulberry (Morus rubra) in Ontario.* Ontario Recovery Strategy Series. Ontario Ministry of Natural Resources, Peterborough, Ontario. Ontario Ministry of Natural Resources. 2013.

*Adoption of the Recovery Strategy for the Red Mulberry (Morus rubra) in Canada.* Parks Canada Agency. 2011.



*Recovery strategy for the Peregrine Falcon (Falco peregrinus) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Ontario Peregrine Falcon Recovery Team. 2010.*

*Ontario Reptile and Amphibian Atlas, available at <https://www.ontarioinsects.org/herp/>*

*Recovery Strategy for the Butternut (Juglans cinerea) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. Poisson, G., and M. Ursic. 2013.*

*Adoption of the Recovery Strategy for the Butternut (Juglans cinerea) in Canada. Environment Canada. 2010.*

*Management Plan for the Broad Beech Fern (Phegopteris hexagonoptera) in Ontario. Ontario Management Plan Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. van Overbeeke, J.C., J.V. Jalava and R.H. Donley. 2013.*



## TABLES



**TABLE 1: TABLE OF CURRENT AND PAST USES OF THE PHASE ONE PROPERTY**

(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use <sup>1</sup>	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to 1804	Crown	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1804-1829	Joseph Boisseau	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1829-1833	Robert Hallowell	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1833-1866	George Baker	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1866-1888	Godfrey Baker	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1888-1889	George Aiken	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1889-1940	John B. Ullett	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• No information available for this time period.</li> </ul>
1940-1952	Robert L. Ullett	Undeveloped	Agricultural or Other Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• The 1946 aerial photograph indicated the property was generally forested at the time</li> </ul>
1952-1956	Nick Boosamra	Tourist Cabins	Commercial Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• The 1956 FIP showed 12 tourist cabins on the property</li> </ul>
1956-1957	Brownlee & McKeown Limited	Tourist Cabins	Commercial Use	<ul style="list-style-type: none"> <li>• Ownership determined through the title search</li> <li>• The 1956 FIP showed 12 tourist cabins on the property</li> </ul>



Year	Name of Owner	Description of Property Use	Property Use <sup>1</sup>	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1957-1958	Charles A. Brownlee & Patrick McKeown	Tourist Cabins	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>The 1956 FIP showed 12 tourist cabins on the property</li> <li>The 1958 aerial photograph indicated there were building on the property</li> </ul>
1958 - 1959	Northern Garage and Holding Limited	Tourist Cabins	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>The 1956 FIP showed 12 tourist cabins on the property</li> <li>The 1958 aerial photograph indicated there were buildings on the property</li> </ul>
1959-1971	Chrysler Corporation of Canada	Car Dealership and Automotive Garage	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>The 1965 aerial photograph indicated the property had been developed as a car dealership</li> </ul>
1971-1982	Parkway Chrysler Plymouth Ltd.	Car Dealership and Automotive Garage	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>The 1976 aerial photograph indicated the property had been developed as a car dealership</li> </ul>
1982-1990	505432 Ontario Limited Marinter (Ontario) Ltd.	Car Dealership and Automotive Garage	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>Property Fire Rating Report indicated continued use as a car dealership with autobody shop</li> </ul>
1990-2022	Rimosa Investments Ltd.	Car Dealership and Automotive Garage	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>The 1991 aerial photograph indicated the property had been developed as a car dealership</li> </ul>
2022-present	1047 Richmond Nominee Inc., 1047 Richmond Investment GP Inc.)	Car Dealership and Automotive Garage	Commercial Use	<ul style="list-style-type: none"> <li>Ownership determined through the title search</li> <li>Information provided by the Client indicates that the car dealership remained in operation until 2023 when the building was demolished.</li> <li>The property has been vacant since November 2023</li> </ul>

**Notes:**

1 - for each owner, specify one of the following types of property use (as defined in O. Reg. 153/04) that applies:

Agriculture or other use | Commercial use | Community use | Industrial use | Institutional use | Parkland use | Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached



**TABLE 2: POTENTIALLY CONTAMINATING ACTIVITIES ON, IN OR UNDER THE PHASE ONE PROPERTY AND STUDY AREA**

PCA <sup>1</sup>	Potentially Contaminating Activity <sup>2</sup>	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
1	10. Commercial Autobody Shops	1047 Richmond Road (the Site)	Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- Information on the historical operations is limited	APEC 1 (East-Central Portion of the Site)
2	28. Gasoline and Associated Products Storage in Fixed Tanks	East Portion of 1047 Richmond Road (Off-Site)	Waste Oil Storage from Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- No information on the removal of the former UST is available	APEC 2
3	28. Gasoline and Associated Products Storage in Fixed Tanks	1047 Richmond Road (the Site)	Waste Oil Storage from Former Automotive Service Garage	City Directories ERIS Report Previous Report	Possible	- Low	APEC 3
4	39. Paint Manufacturing, Processing and Bulk Storage	1047 Richmond Road (the Site)	Paint Booth from Former Automotive Service Garage	Previous Report	Possible	- Low	APEC 4
5	30. Importation of Fill Material of Unknown Quality	1047 Richmond Road (the Site)	Inferred Fill Material	Previous Report Site Inspection	Possible	- Type and extent of fill material (if any) is unknown	APEC 5 (Entire Site)
6	55. Transformer Manufacturing, Processing and Use	1047 Richmond Road (the Site)	Former Pole Mounted Transformer and Fuse Box	Previous Report Site Inspection	Possible	- Low	APEC 6 (West-Central Portion of the Site)



PCA <sup>1</sup>	Potentially Contaminating Activity <sup>2</sup>	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
7	OT1. Application of De-Icing Salt for Vehicle and Pedestrian Safety	1047 Richmond Road (the Site)	Former Use of Salt to De-Ice the Parkland Lot	N/A	Possible	- Quantity and extent of salt use is unknown	APEC 7 (Entire Site)
8	46. Rail Yards, Tracks and Spurs	85 m north	Former CN Railway Corridor	Aerial Photographs	Unlikely – Down-gradient from the Site	- Low	No
9	28. Gasoline and Associated Products Storage in Fixed Tanks	1075 Richmond Road 70 m southwest	Former Retail Fuel Outlet Automotive Refinishing	FIP (1956) ERIS Report HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
10	10. Commercial Autobody Shops	1075 Richmond Road 70 m southwest	Booth Collision Centre	HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
11	18. Electricity Generation, Transformation and Power Stations	108 New Orchard Avenue 30 m northwest	Former Hydro Sub-Station	FIP	Unlikely – Down-gradient from the Site	- Low	No
12	10. Commercial Autobody Shops	955 Richmond Road 230 m northeast	Ottawa Honda	Aerial Photos City Directories Site Inspection	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No



PCA <sup>1</sup>	Potentially Contaminating Activity <sup>2</sup>	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
13	28. Gasoline and Associated Products Storage in Fixed Tanks	979 Richmond Road 175 m northeast	Tops Car Wash	ERIS Report Aerial Photos City Directories Site Inspection	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
14	10. Commercial Autobody Shops	979 Richmond Road 175 m northeast	Tops Car Wash	HLUI	Unlikely – Distance from the Site and being cross-gradient	- Information about current and former operations are unknown	No
15	37. Operation of Dry Cleaning Equipment (where chemicals are used)	993 Richmond Road 145 m northeast	Palmer's Cleaners	City Directories HLUI	Unlikely – Distance from the Site and being cross-gradient	- Unclear if dry cleaning occurred on the property or whether it was a depot	No
16	OT2. Spills	1162 Byron Avenue 70 m east	Spill of 200 L furnace oil to floor drain in 1988	ERIS Report	Unlikely – Assumed localized to residence	- Unclear if environmental assessment and/or remediation was conducted	No
17	OT2. Spills	Richmond Road and New Orchard Ave. (Ottawa LRT) 50 m south	Spills of 50 L diesel fuel and 20 L hydraulic oil in 2020 and 2021, respectively	ERIS Report	Unlikely – Assumed localized to LTR tunnel	- Unclear if environmental assessment and/or remediation conducted	No



PCA <sup>1</sup>	Potentially Contaminating Activity <sup>2</sup>	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
18	OT2. Spills	192 Ancaster Avenue 180 m east	Spill of 50 L furnace oil to drain in 2000	ERIS Report	Unlikely – Distance from the Site and assumed localized to residence	- Unclear if environmental assessment and/or remediation conducted	No
19	OT3. Waste Generation	1100 Ambleside Drive 165 m southwest	Generator of oil skimmings and sludges in 2022	ERIS Report	Unlikely - Distance from the Site and assumed localized to residence	- Quantities of waste generated are unknown but assumed to be small quantities for residential property - Waste handling practices are unknown	No
20	OT2. Spills	1068 Richmond Road 190 m southwest	Spill of 30 L hydraulic oil in 2021	ERIS Report	Unlikely - Distance from the Site and assumed localized to residence	- Unclear if environmental assessment and/or remediation conducted	No
21	OT3. Waste Generation	1136 Richmond Road 250 m southwest	Waste Management System	ERIS Report	Unlikely - Distance from the Site and being cross-gradient	- Quantities of waste generated are unknown but assumed to be small quantities for residential property - Waste handling practices are unknown	No



PCA <sup>1</sup>	Potentially Contaminating Activity <sup>2</sup>	Address/ Location/ Distance/ Direction	Description	Data Source	Likelihood To Affect the Site / Rationale	Uncertainty	Area(s) of Potential Environmental Concern
22	55. Transformer Manufacturing, Processing and Use	1071 Ambleside Drive 25 m west	Hydro Vault	Site Inspection	Unlikely – Located down-gradient from the Site	- Low	No
23	28. Gasoline and Associated Products Storage in Fixed Tanks	99 New Orchard Avenue North 65 m northwest	Suspected Backup Generator with Associated Fuel Storage	Site Inspection	Unlikely - Located down-gradient from the Site	-Fuel storage (location or quantity) could not be confirmed	No

<sup>1</sup> As shown on Figure 4.<sup>2</sup> As set out in Table 2 in Schedule D of O. Reg. 153/04.



**TABLE 3: TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern <sup>1</sup>	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity <sup>2</sup>	Location of PCA (On-Site Or Off-Site)	Contaminants Of Potential Concern <sup>3,4</sup>	Media Potentially Impacted (Ground water, Soil, and/or Sediment)
APEC 1	East-central portion of the Site	PCA 1: 10 - Commercial Autobody Shops	On-Site	PHCs BTEX VOCs	Soil & Groundwater
APEC 2	Northern portion of the Site	PCA 2: 28 - Gasoline and Associated Products Storage in Fixed Tanks	Off-Site	PHCs BTEX Metals	Groundwater
APEC 3	Northern portion of the Site	PCA 3: 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX Metals	Soil & Groundwater
APEC 4	Northeastern portion of the Site	PCA 4: 39 - Paints Manufacturing, Processing and Bulk Storage	On-Site	VOCs PHCs Metals Hydride-Forming Metals ORPs	Soil & Groundwater
APEC 5	Entire Site	PCA 5: 30 - Importation of Fill Material of Unknown Quality	On-Site	PHCs Metals Hydride-Forming Metals ORPs	Soil
APEC 6	West-central portion of the Site	PCA 6: 55 - Transformer Manufacturing, Processing and Use	On-Site	PHCs PCBs	Soil
APEC 7	Entire Site	PCA 7: Other - De-icing Activities	On-Site	SAR EC Na Cl	Soil & Groundwater

1 - Areas of potential environmental concern means the area on, in or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through,

- (a) identification of past or present uses on, in or under the Phase One Property, and  
(b) identification of potentially contaminating activity.



2 - Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One study area.

3 - When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011 and as of February 19, 2021, as specified below:

**List of Method Groups:**

ABNs	Dioxins/Furans, PCDDs/PCDFs	PCBs	VOCs	Metals	B- HWS	EC	Methyl Mercury
CPs	OCs	PAHs	BTEX	As, Sb, Se	Cl <sup>-</sup>	Cr (VI)	Low or high pH
1,4-Dioxane	PHCs	THMs	Bromomethane	Na	CN <sup>-</sup>	Hg	SAR

4 - Where an identified contaminant of potential concern is not listed in the table that sets out the applicable site conditions standards in the Soil, Ground Water and Sediment Standards for which sampling and analysis is performed and is associated with potentially contaminating activity, the qualified person is referred to Subsection 43(3) of the Regulation.

5 - When submitting a record of site condition for filing, a copy of this table must be attached.



## FIGURES





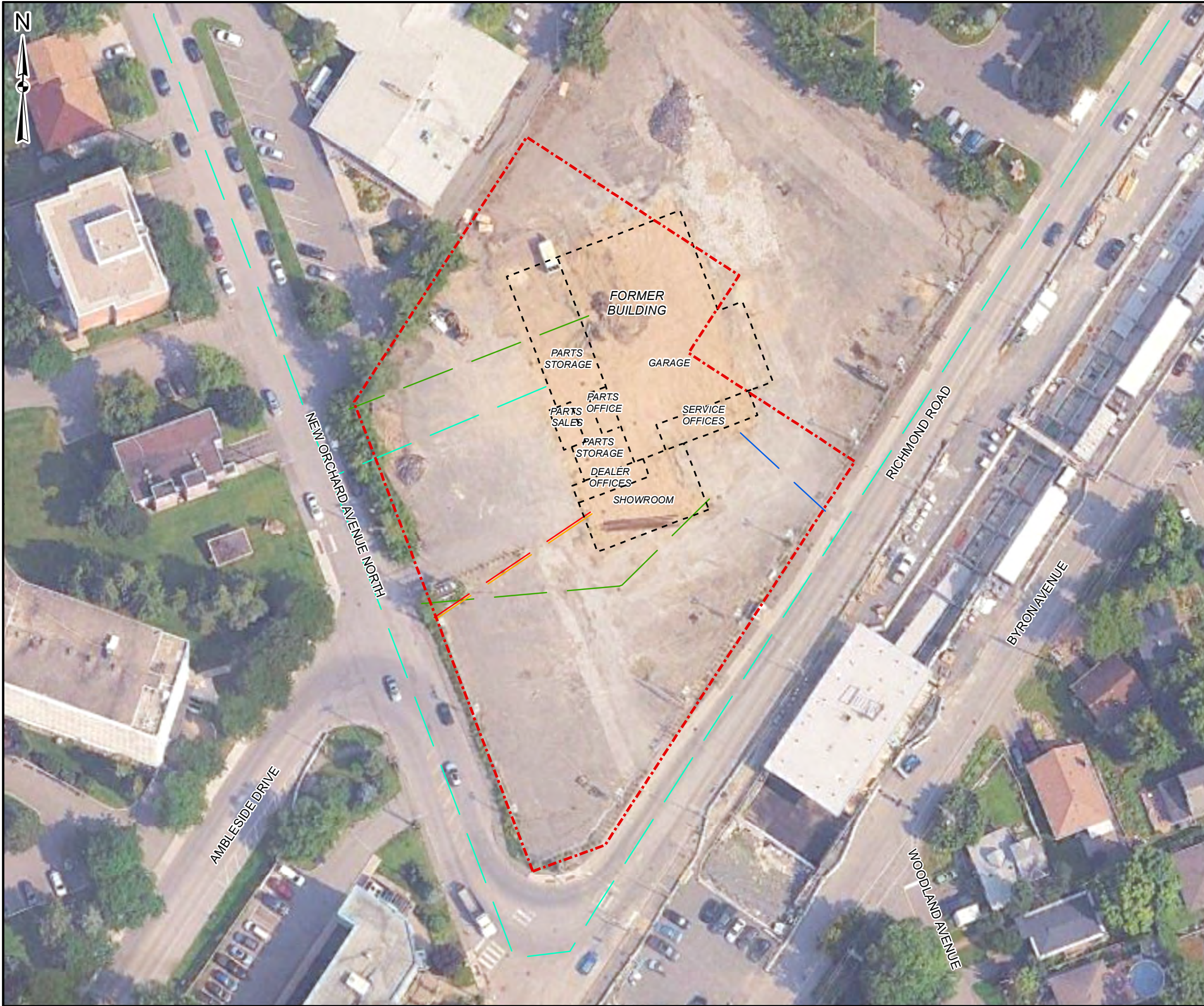
<b>LEGEND</b>			CLIENT:			<b>FENGATE</b>		
SITE BOUNDARY			SITE LOCATION:			PORTION OF 1047 RICHMOND ROAD OTTAWA, ONTARIO		
			TITLE:			<b>SITE LOCATION</b>		
DRAWN BY: JS		PROJECT NO.: CO972.00		CHECKED BY: KWB				
REVISION: 00		DATE: APRIL 2025		<b>FIGURE: 1</b>				

DATA SOURCE: ESRI  
MAP PROJECTION: NAD 1983 UTM Zone 18N

s:\finlay\OneDrive - TerraPex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa\MXD\Phase ONE - Portion of 1047\CO972.00 FIG.1 SITE LOCATION.mxd



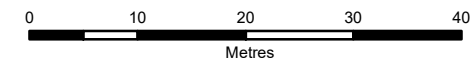
C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG 2 GENERAL SITE LAYOUT.mxd



**LEGEND**

- SITE BOUNDARY
- FORMER BUILDING
- UNDERGROUND UTILITIES**
- ELECTRICAL
- WATER
- SANITARY SEWER
- STORM SEWER
- COMMUNICATION

NOTE: BUILDING DEMOLISHED IN NOVEMBER 2023



DATA SOURCE: GOOGLE EARTH  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:  
PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:  
**GENERAL SITE LAYOUT**

DRAWN BY: JS/SW/SF	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: <b>2</b>



C:\Users\slinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG 3 STUDY AREA.mxd



**LEGEND**

- SITE BOUNDARY
- ⊕ MECP WATER WELL RECORDS - WATER SUPPLY
- ⊕ MECP WATER WELL RECORDS

050100150

Metres


DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



**TERRAPEX**

TITLE:

**PHASE ONE STUDY AREA AND  
SURROUNDING LAND USES**

DRAWN BY: JS/SF	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: APRIL 2025	FIGURE: <b>3</b>



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**LEGEND**

- SITE BOUNDARY
- STUDY AREA
- TANKS

**CONTRIB\_APEC**

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC
- OFF-SITE PCA NOT LEADING TO APEC

**POTENTIALLY CONTAMINATING ACTIVITY TYPES**

- 10. COMMERCIAL AUTOBODY SHOPS
- 18. ELECTRICITY GENERATION, TRANSFORMATION AND POWER STATIONS
- 28. GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
- 30. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
- 37. OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)
- 39. PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE
- 46. RAIL YARDS, TRACKS AND SPURS
- 55. TRANSFORMER MANUFACTURING, PROCESSING AND USE
- OT1. OTHER - APPLICATION OF DE-ICING SALT
- OT2. OTHER - SPILLS
- OT3. OTHER - WASTE GENERATION

**NOTE:**

- PCA ID (PCA TYPE)
- REFER TO THE REPORT FOR ADDITIONAL DETAILS.



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



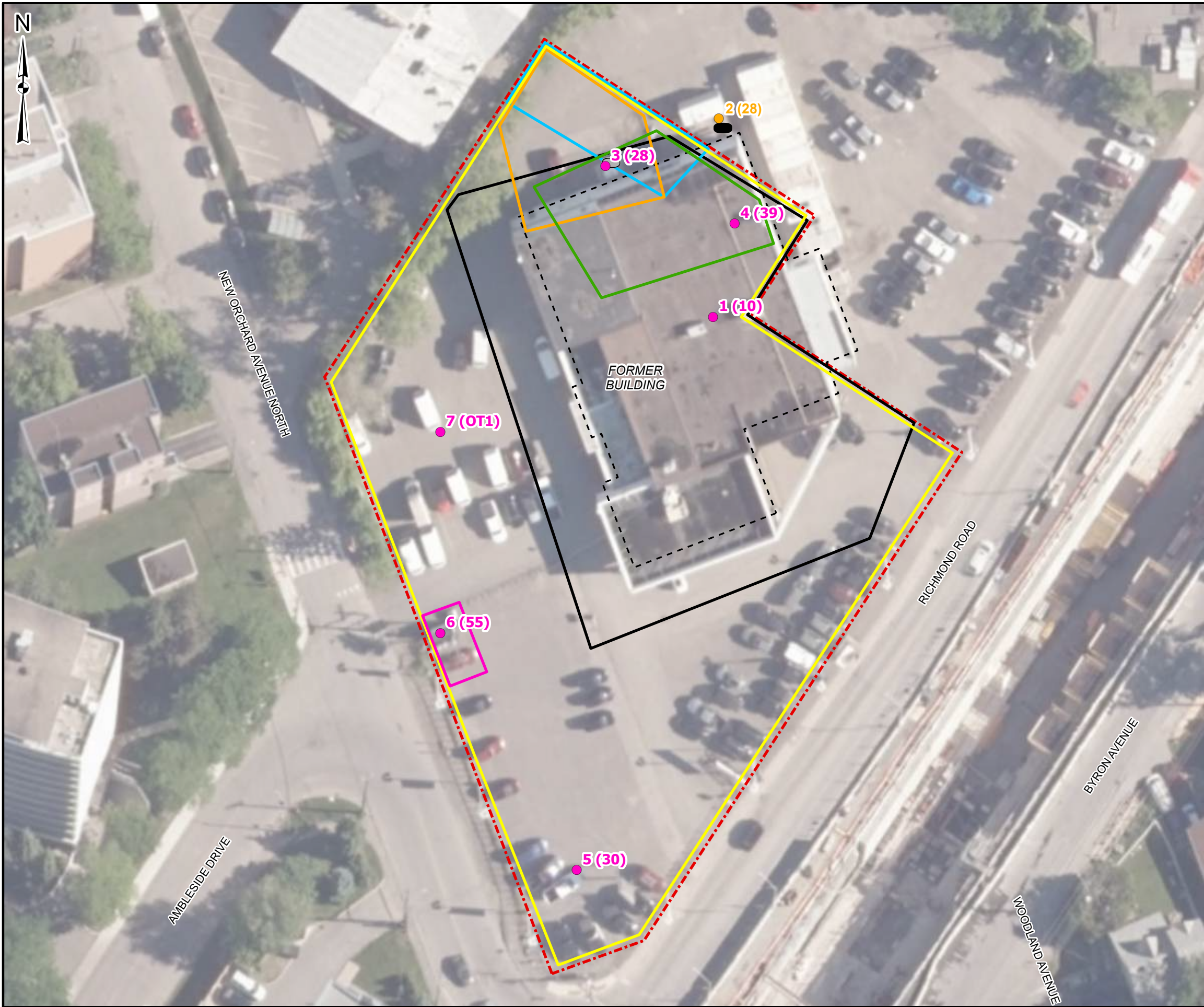
TITLE:

**CONCEPTUAL SITE MODEL AND  
POTENTIALLY CONTAMINATING ACTIVITIES**

DRAWN BY: JS/SF	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: JULY 2025	FIGURE: <b>4</b>



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**LEGEND**

- SITE BOUNDARY
- EXTERIOR AST
- FORMER UST

**POTENTIALLY CONTAMINATING ACTIVITIES**

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC

**AREA OF POTENTIAL ENVIRONMENTAL CONCERN**

- APEC-1
- APEC-2
- APEC-3
- APEC-4
- APEC-5,7 (ENTIRE SITE)
- APEC-6

APEC	PCA ID	PCA TYPE	DESCRIPTION
1	1	10	COMMERCIAL AUTOBODY SHOPS
2	2	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
3	3	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
4	4	39	PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE
5	5	30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
6	6	55	TRANSFORMER MANUFACTURING, PROCESSING AND USE
7	7	OT1	APPLICATION OF DE-ICING SALT

DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:  
PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO

**TERRAPEX**

TITLE: **CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

DRAWN BY: JS/SF	PROJECT NO.: CO972.00	CHECKED BY: KWB
REVISION: 00	DATE: JULY 2025	FIGURE: <b>5</b>



## **APPENDIX I**

### **PLAN OF SURVEY**



Notes & Legend

Denotes		
—□—	"	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
IB	"	Iron Bar
IB#	"	Round Iron Bar
CC	"	Cut Cross
CP	"	Concrete Pin
•	"	Survey Monument 0.30m Long
(WIT)	"	Witness
Meas.	"	Measured
(AOG)	"	Annis, O'Sullivan, Vollebakk Ltd.
(P1)	"	(AOG) Plan September 23, 1981
(P2)	"	Carleton Condominium Plan 169
(P3)	"	Plan 4R-31800
(P4)	"	Plan 5R-3653
(P5)	"	(647) Plan February 25, 1982
(P6)	"	(857) Plan February 7, 1984
(P7)	"	Plan 4R-1218
(P8)	"	(1287) Plan September 24, 1997
(P9)	"	(AOG) Plan October 1, 2021
(D1)	"	Inst. N545545
(D2)	"	Inst. N705245
o B	"	Bollard
EOA	"	Edge of Asphalt
CLF	"	Chain Link Fence
C/L	"	Centreline

PLAN OF SURVEY OF PART OF PINS 03970-0109  
AND 03970-0105

**PART OF LOTS 24 AND 25  
CONCESSION 1 (OTTAWA FRONT)  
GEOGRAPHIC TOWNSHIP OF NEPEAN  
CITY OF OTTAWA**

Surveyed by Annis, O'Sullivan, Vollebakk Ltd.

Scale 1 : 300



**Metric**

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND  
CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

**Surveyor's Certificate**

I CERTIFY THAT:

- This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the regulations made under them.
- The survey was completed on the 31th day of July, 2025.

August 6, 2025   
Date E. H. Herveyer  
Ontario Land Surveyor

Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.999982.

Bearings are grid, derived from Can-Net 2016 Real Time Network GPS observations on reference points A and B, shown hereon, and are referenced to Specified Control Points 01919680005 and 01919750705, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

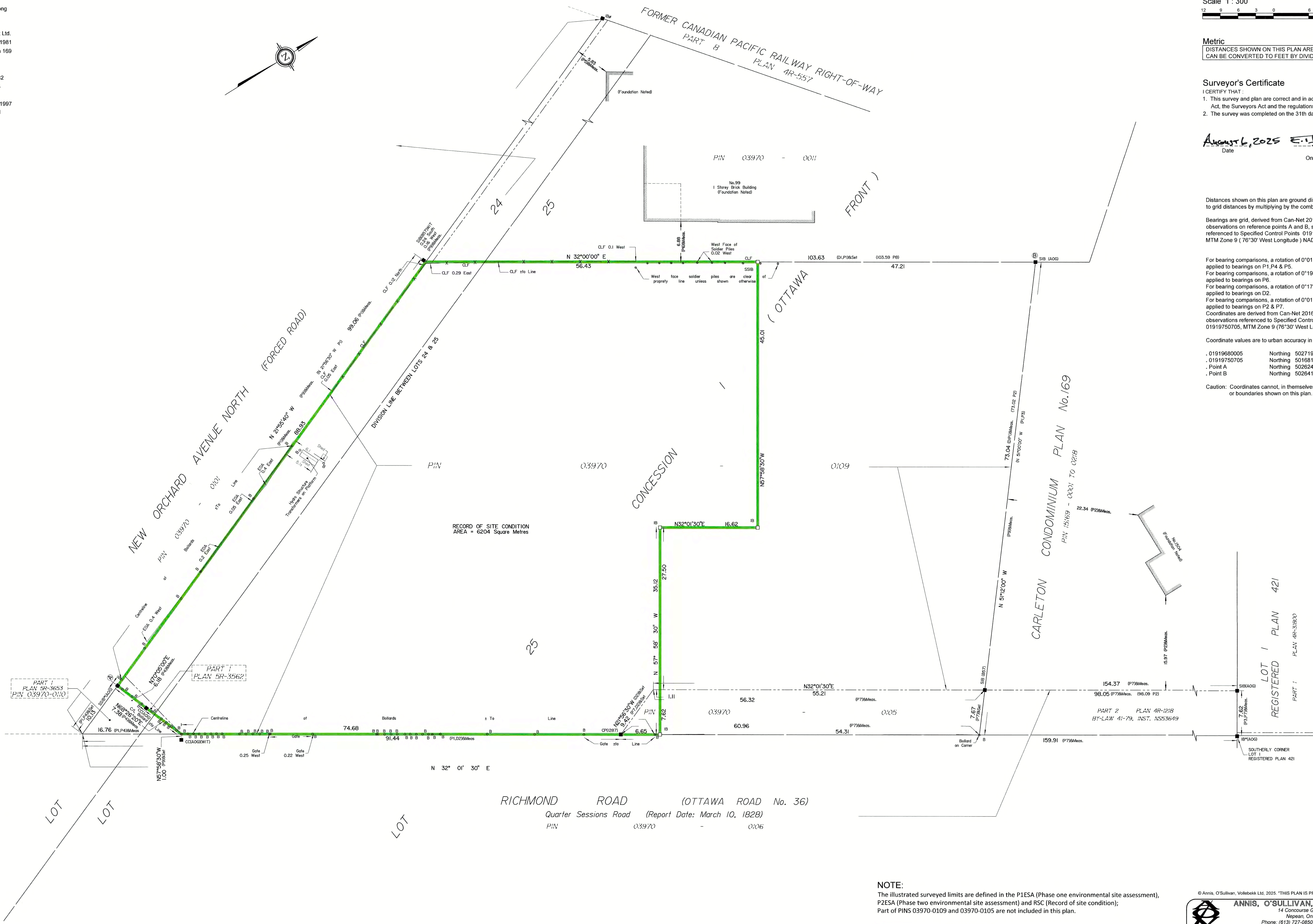
For bearing comparisons, a rotation of 0°01'00" counter-clockwise was applied to bearings on P1, P4 & P5.  
For bearing comparisons, a rotation of 0°19'10" counter-clockwise was applied to bearings on P6.  
For bearing comparisons, a rotation of 0°17'30" counter-clockwise was applied to bearings on D2.  
For bearing comparisons, a rotation of 0°01'30" counter-clockwise was applied to bearings on P2 & P7.

Coordinates are derived from Can-Net 2016 Real Time Network GPS observations referenced to Specified Control Points 01919680005 and 01919750705, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.

. 01919680005	Northing	5027191.26	Easting	361496.76
. 01919750705	Northing	5016816.63	Easting	360806.64
. Point A	Northing	5026244.63	Easting	361291.21
. Point B	Northing	5026415.03	Easting	361312.91

Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on this plan.




**NOTE:**

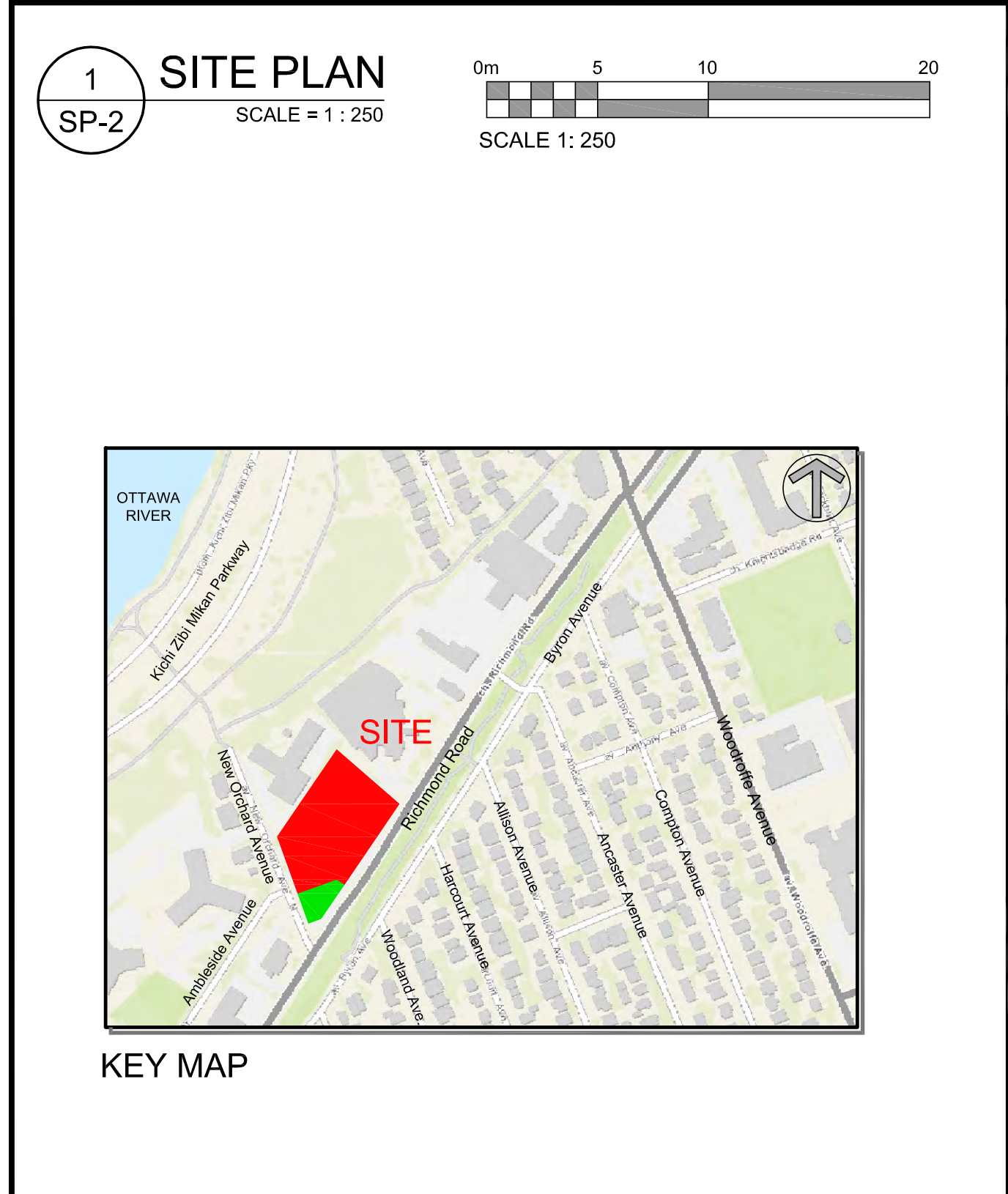
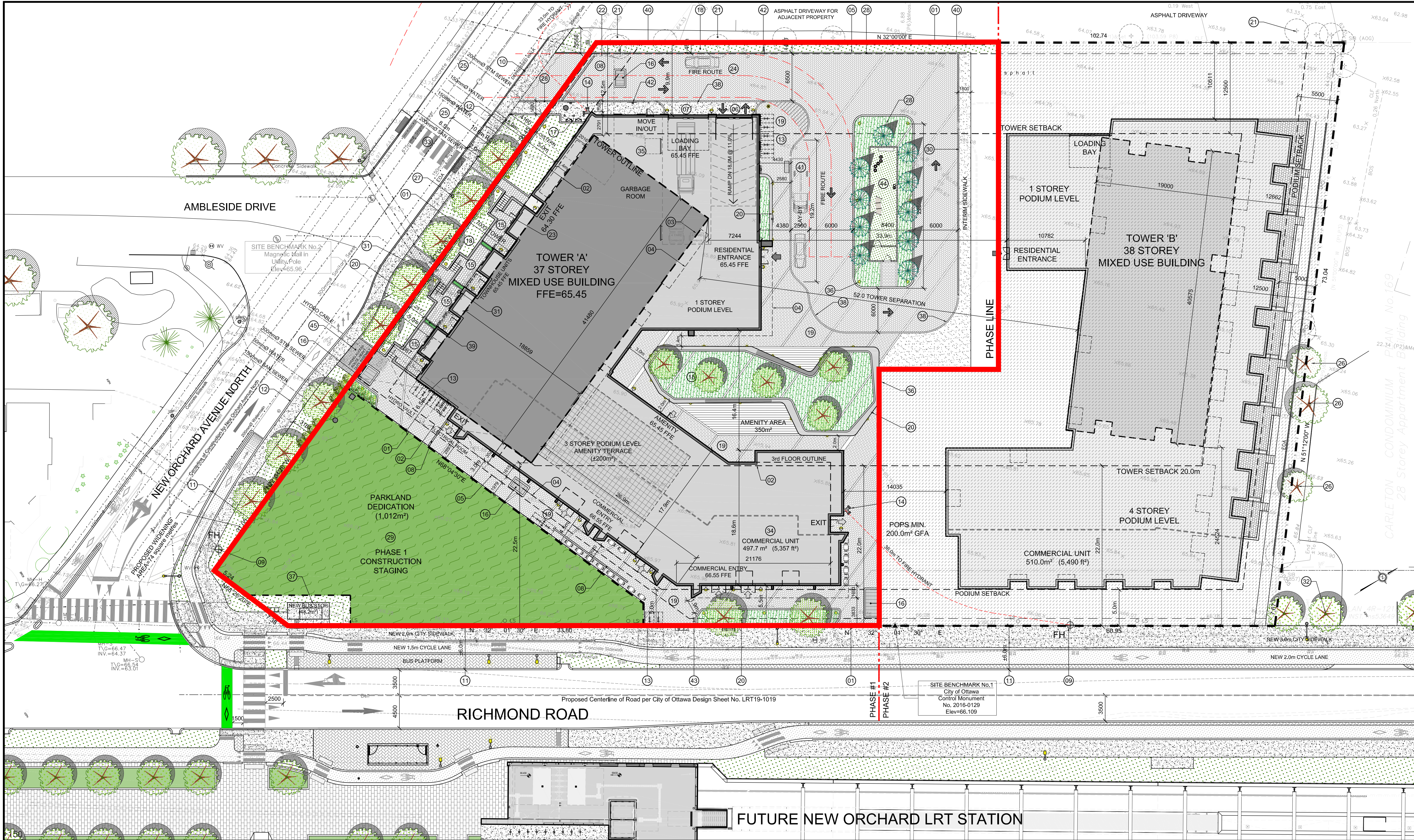
The illustrated surveyed limits are defined in the P1ESA (Phase one environmental site assessment), P2ESA (Phase two environmental site assessment) and RSC (Record of site condition); Part of PINS 03970-0109 and 03970-0105 are not included in this plan.

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**ANNIS, O'SULLIVAN, VOLLEBEKK LTD.**  
14 Concourse Gate, Suite 500  
Nepean, Ont. K2E 7S6  
Phone: (613) 727-0850 / Fax: (613) 727-1079  
Email: [info@annissolvol.com](mailto:info@annissolvol.com)  
Job No. 21995-21, Envelope/Sheet P11 to P24, 25 Cont. OF O. REG. 106

ASSOCIATION OF ONTARIO  
LAND SURVEYORS  
PLAN SUBMISSION FORM  
V-110891  
  
THIS PLAN IS NOT VALID UNLESS  
IT IS AN EMBOSSED ORIGINAL  
COPY ISSUED BY THE SURVEYOR  
in accordance with  
Regulation 1008, Section 29 (3).





**PROJECT DEVELOPER**  
**FENGATE Asset Management**  
77 King Street West, Suite 3410  
Toronto, ON M5K 1H1  
Tel: (613) 546-3146  
Cell: (416) 543-8005  
E-Mail: Corina.Sajewski@fengate.com  
E-Mail: Lee.Marlowe@fengate.com

**URBAN PLANNER**  
**Fotenn Consulting**  
396 Cooper Street  
Suite 300  
Ottawa, ON K2P 2H7  
Tel: (613) 730-5709  
E-Mail: dallarosa@fotenn.com  
E-Mail: simpson@fotenn.com

**CIVIL ENGINEER**  
**Egis Group**  
115 Walgreen Road  
Ottawa, ON K0A 1L0  
Tel: (613) 836-2184  
Fax: (613) 836-3742  
Email: Alison.GOSLING@egis-group.com

**WIND / SOUND ENGINEER**  
**Gradient Wind**  
127 Walgreen Road,  
Ottawa, ON, Canada K0A 1L0  
Tel: (613) 836-0934 ext. 116  
Cell: (613) 268-5273  
E-Mail: joshua.foster@gradientwind.com

**LEGAL DESCRIPTION**  
TOPOGRAPHICAL PLAN OF SURVEY OF  
PART OF PIN 03970-0109 AND ALL OF PIN 03970-0105  
CONCESSION 1 (OTTAWA FRONT)  
GEOGRAPHIC TOWNSHIP OF NEPEAN  
CITY OF OTTAWA  
Surveyed by Annis, O'Sullivan, Vollebakk Ltd.

**LANDSCAPE ARCHITECT**  
**Studio TLA**  
20 Champlain Boulevard, Suite 102  
Toronto, ON M3H 2Z1,  
Tel: (416) 638-4911  
E-Mail: lbitar@studiotla.ca

**TRANSPORTATION ENGINEER**  
**Parsons**  
1223 Michael Street, Suite 100,  
Ottawa, ON K1J 7T2  
Tel: (613) 601-1528  
Cell: (343) 996-5362  
Email: Austin.Shih@parsons.com

**GEOTECHNICAL ENGINEER**  
**Golder Associates Ltd.**  
1931 Roberson Road  
Ottawa, Ontario K2H5B7  
Tel: (613) 592 9600  
E-Mail:

**SITE PLAN SYMBOLS:**

- SOFT LANDSCAPE PLANTING
- PARKLAND DEDICATION
- CONCRETE PAVERS, SEE LANDSCAPE DRAWINGS
- PAVERS @ TERRACE LEVEL
- CONCRETE UNIT PAVERS ON DRIVEWAY
- CITY SIDEWALK
- BIKE RACK
- MAIN ENTRANCE DOOR
- VEHICULAR DIRECTION
- PROPOSED SITE LIGHTING
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
- SIMMENSE CONNECTION
- FIRE HYDRANT

NOTE:  
SEE LANDSCAPE FOR ALL SURFACE MATERIAL AND PATTERN

**DRAWING NOTES:**

- PROPERTY LINE
- BUILDING / TOWER SETBACK LINE
- OUTLINE OF TOWER
- LINE OF BALCONIES / CANOPY ABOVE
- LINE OF PARKING GARAGE BELOW
- ENTRANCE TO GARAGE RAMP
- ENTRANCE TO LOADING BAY
- TRENCH DRAIN
- RELOCATED EXISTING FIRE HYDRANT
- DEPRESSED STREET CURB & SIDEWALK, CONTINUOUS AND DEPRESSED @ DRIVEWAY
- PROPOSED CITY ROAD AND BOULEVARD AS PER PHASE 2 CONFEDERATION LINE WORK
- CITY CURB, SIDEWALK & GRASSED BOULEVARD
- BICYCLE RACKS, SEE LANDSCAPE PLAN FOR TYPE
- SIMMENSE CONNECTION
- PRIVATE PATIO FOR GROUND FLOOR UNITS WITH PRIVACY RAILING, HT, VARIES
- INTAKE / EXHAUST GRATE
- GAS PRESSURE RELEASE STATION
- SOFT LANDSCAPING
- HARD SURFACE LANDSCAPED AREA
- RAISED PLANT BED, SEE LANDSCAPE
- EXISTING TREE TO BE REMOVED
- CISTERN SEE CIVIL AND MECHANICAL FOR DETAILS
- EXTERIOR STEPS WITH HANDRAILS AS REQUIRED
- 6.0 METRE WIDE FIRE ROUTE
- PROPOSED SERVICES, SEE CIVIL
- EXISTING TREE TO REMAIN
- EXISTING UTILITY / LIGHT POLE
- 150mm HT. BARRIER CURB

- PROPOSED PARKLAND DEDICATION
- INTERIM CONCRETE CURB AND SIDEWALK
- EXISTING UTILITY / LIGHT POLE TO BE REMOVED
- TREES AS PER PHASE 2 CONFEDERATION LINE WORK
- EXISTING PEDESTRIAN CROSSWALK
- GROUND FLOOR COMMERCIAL UNIT
- GROUND FLOOR GARAGE ROOM
- SITE LIGHTING - SEE ELECTRICAL SITE PLAN
- BUS STOP AS PER PHASE 2 CONFEDERATION LINE WORK
- CONCRETE WALK / CURB: DEPRESSED / MOUNTABLE
- 1.2m HT. METAL PLANTER WITH PRIVACY SCREEN
- REMOVE EXISTING CHAIN LINK FENCE ON PROPERTY LINE AND REPLACED WITH 2.1m HT. SOLID WOOD FENCE
- ACCESSIBLE PASSENGER LOADING AREA WITH TVSI
- COMMUNAL BIKE REPAIR STATION
- FENCED IN DOG RELIEF AREA
- HYDRO ACCESS ROUTE, HEAVY DUTY INSULATION AND PAVERS REQUIRED

PROJECT INFORMATION		
Zoning By-law 2006-250 Consolidation	TM2494J (H127)	SITE AREA 0.9 ha, 9,104.0 sq. m, 97,995 sq. ft.
ZONING	REQUIRED	PROVIDED
BUILDING HEIGHT - PODIUM	4 STOREY / 15.0m	3 STOREY / 11.0m
BUILDING HEIGHT - TOWER 'A' WEST	40 STOREY / 127.0m	37 STOREY / 113.0m
BUILDING HEIGHT - TOWER 'B' EAST - PHASE 2	38 STOREY / 121.0m	STORY / 0.0m
GRADE (GEODETIC ELEVATION - ASL)	65.50m ASL	65.50m ASL
DENSITY - FSI	6.3 (57,355.2m <sup>2</sup> )	2.44 (22,145.4m <sup>2</sup> )
TOWER FLOOR PLATE - GFA	750.0m <sup>2</sup>	636.1m <sup>2</sup>
PRIVATELY OWNED PUBLIC SPACE (POPS; MIN. 200.0m <sup>2</sup> )	200.0m <sup>2</sup>	0.0m <sup>2</sup>
NON-RESIDENTIAL SPACE AT GRADE: MIN. 1,000.0m <sup>2</sup>	1,000.0m <sup>2</sup>	502.5m <sup>2</sup>
FRONT, CORNER & INTERIOR YARD SETBACK (PODIUM)	5.0m	5.0m
REAR & INTERIOR YARD SETBACK (TOWER)	3.0m	4.5m
INTERIOR YARD SETBACK (TOWER)	22.0m	22.5m
CORNER SIDE YARD SETBACK (TOWER)	12.5m	n/a
ABUTTING PARK SETBACK (TOWER)	7.0m	7.0m
TOWER SEPARATION (SAME LOT)	6.5m	6.5m
AMENITY AREA - TOTAL 6.0m <sup>2</sup> PER UNIT: 425 UNITS	2,550.0m <sup>2</sup>	4,413.0m <sup>2</sup>
AMENITY AREA - 50% COMMUNAL PER UNIT	1,275.0m <sup>2</sup>	1,813.0m <sup>2</sup>
VEHICLE PARKING: RESIDENTIAL - AREA 'Z' NOT REQUIRED	0	189
VEHICLE PARKING: VISITOR - 0.1 PER UNIT AFTER 12 UNITS (MAX. 30 PER BLDG.)	30	30
VEHICLE PARKING: COMMERCIAL - AREA 'Z' NOT REQUIRED	0	35
BICYCLE PARKING - RESIDENTIAL - 0.5 PER UNIT	213	223
BICYCLE PARKING - COMMERCIAL - 1.0 PER 250m <sup>2</sup> GFA	3	18
aisle & DRIVEWAY MINIMUM / MAXIMUM WIDTH	6.0m / 6.7m	6.0m / 6.7m

BUILDING STATISTICS	
GROSS BUILDING - AREA (CITY OF OTTAWA'S DEFINITION)	PHASE 1 - TOWER 'A'
P2 PARKING LEVEL	0.0 sq. m, 0 sq. ft.
P2 PARKING LEVEL	0.0 sq. m, 0 sq. ft.
GROUND FLOOR	711.5 sq. m, 7,659 sq. ft.
2nd FLOOR	1,277.3 sq. m, 13,749 sq. ft.
3rd FLOOR	1,277.3 sq. m, 13,749 sq. ft.
4th FLOOR - AMENITY LEVEL	0.0 sq. m, 0 sq. ft.
5th - 14th FLOOR	10 x 608.82 sq. m, 6,288.2 sq. m, 67,470 sq. ft.
15th - 35th FLOOR	21 x 608.82 sq. m, 12,784.2 sq. m, 137,652 sq. ft.
36th FLOOR - RESIDENTIAL / AMENITY	501.1 sq. m, 5,394 sq. ft.
AMENITY / MECHANICAL PENTHOUSE	0.0 sq. m, 0.0 sq. ft.
TOTAL AREA	22,630.0 sq. m, 243,587 sq. ft.
TOWER FLOOR PLATE (AS DEFINED BY ZONING EXEMPTION 2494)	636.1 sq. m, 6,847 sq. ft.
TOWER BALCONY PROJECTIONS	79.0 sq. m, 850 sq. ft.
UNIT STATISTICS	
STUDIO UNIT	10.2% 43
1 BEDROOM UNIT	41.1% 174
1 BEDROOM + DEN UNIT	17.7% 75
2 BEDROOM UNIT	18.2% 77
2 BEDROOM + DEN UNIT	10.6% 45
3 BEDROOM UNIT	1.2% 5
TOWNHOUSE UNIT - 3 BEDROOM	0.9% 4
TOTAL	100% 425
RESIDENTIAL AREA	22,140.4 sq. m, 238,414 sq. ft.
COMMERCIAL AREA (CITY OF OTTAWA'S DEFINITION)	502.5 sq. m, 5,409 sq. ft.
COMMERCIAL AREA (AREA EXEMPTION - NOTED ON FLOOR PLAN)	523.8 sq. m, 5,735 sq. ft.
CAR PARKING	
REQUIRED BY ZONING BY-LAW	
RESIDENCE	- AREA 'Z' NONE REQUIRED 0
VISITOR	- 0.1 PER DWELLING UNIT (MAX. 30 PER BLDG.) 30
COMMERCIAL	- AREA 'Z' NONE REQUIRED 0
TOTAL	30
PROVIDED	
RESIDENCE	- 0.447 PER UNIT 189
VISITOR	- 0.071 PER UNIT 30
COMMERCIAL	35
TOTAL	254
LOCATION	
P2 U/G PARKING LEVEL	132
P1 U/G PARKING LEVEL	122
EXTERIOR AT GRADE	0
TOTAL	254
BICYCLE PARKING	
REQUIRED	
RESIDENCE	- 0.5 PER UNIT 213
COMMERCIAL	- 1.0 PER 250m <sup>2</sup> OF G.F.A. 3
TOTAL	215
PROVIDED	
RESIDENCE - INTERIOR	- 0.5 PER UNIT 213
RESIDENCE - EXTERIOR	18
COMMERCIAL	18
TOTAL	241
REVISIONS:	
P2 U/G PARKING LEVEL	
P1 U/G PARKING LEVEL	
GROUND FLOOR	
EXTERIOR AT GRADE	
TOTAL	
AMENITY SPACE	
GROUND FLOOR COMMUNAL EXTERIOR =	
GROUND FLOOR COMMUNAL INTERIOR =	
4th FLOOR COMMUNAL INTERIOR =	
4th FLOOR COMMUNAL TERRACE =	
36th FLOOR COMMUNAL INTERIOR =	
37th FLOOR COMMUNAL INTERIOR =	
PRIVATE BALCONIES =	
PRIVATE TERRACE =	
TOTAL =	
TOTAL COMMUNAL =	
REQUIRED - 6.0m <sup>2</sup> PER UNIT (425) =	
REQUIRED COMMUNAL @ 50% =	
WASTE REQUIREMENT	
GARBAGE - COMPACTED - 0.053 PER UNIT	
RECYCLING GMP - 0.018 PER UNIT	
RECYCLING FIBER - 0.026 PER UNIT	
COMPOST - 240L PER 50 UNITS	
LOT COVERAGE	
PHASE 2 LANDS	
POPS (ALL IN PHASE 2)	
PAVED SURFACE	
TOWER 'A' FOOTPRINT	
LANDSCAPE OPEN SPACE	
TOTAL	
PARKLAND DEDICATION	
NEW ORCHARD ROW	
BUS STOP	
TOTAL	
TOTAL - PRE DEVELOPMENT AREA	



## **APPENDIX II**

### **FIRE INSURANCE PRODUCTS**





# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

Sunita

Site Address:

1047 Richmond Road Ottawa Ont

Project No:

21083000552

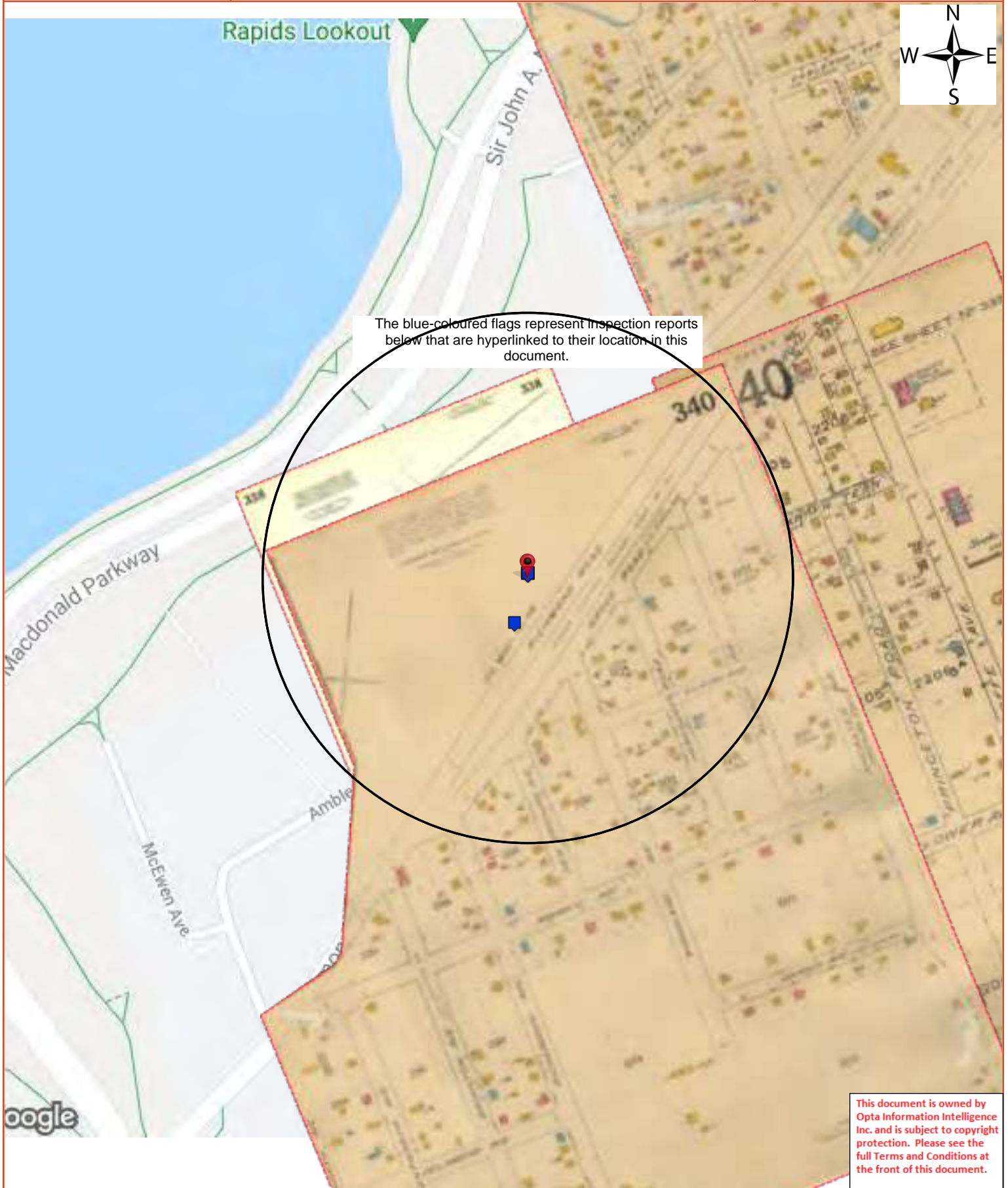
Opta Order ID:

95490

Requested by:  
Eleanor Goolab  
ERIS

Date Completed:  
9/9/2021 12:32:03 PM







## **Opta Historical Environmental Services Enviroscan<sup>TM</sup> Terms and Conditions**

### **Report**

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

### **Disclaimer**

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

### **Entire Agreement**

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

### **Governing Document**

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

### **Law**

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



**Report Index****Requested by:**

Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



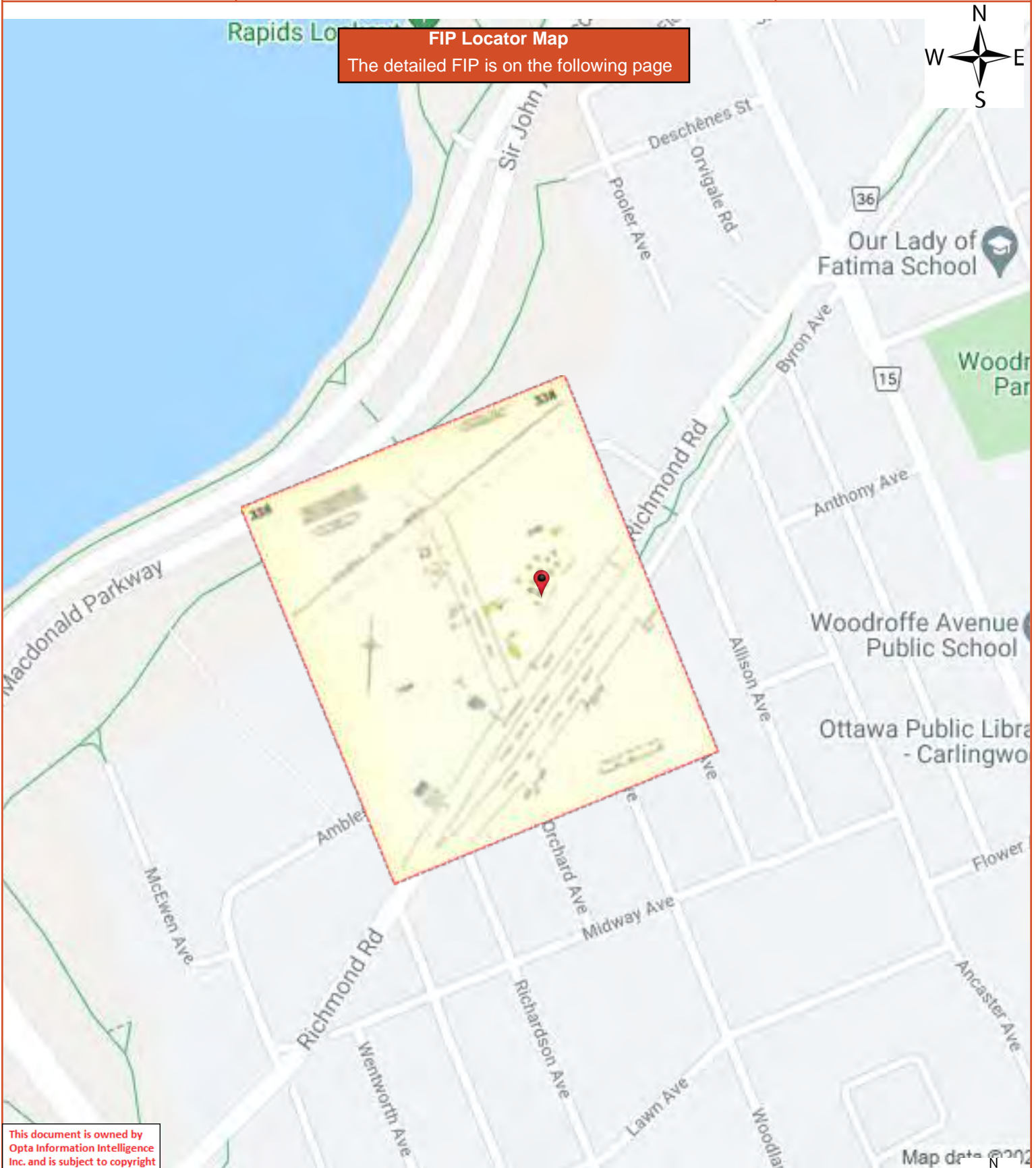
OPTA INFORMATION INTELLIGENCE

**Page      Report Title**

6	(1965) Volume: Ottawa Volume 3 Firemap: 338
8	Volume: Ottawa Firemap: 339
10	Volume: Ottawa Firemap: 340
12	Volume: Ottawa Firemap: 340
13	(1994) Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262 (distance = 98 metres*)
25	(1976) Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
27	(1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
31	(1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
35	(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)

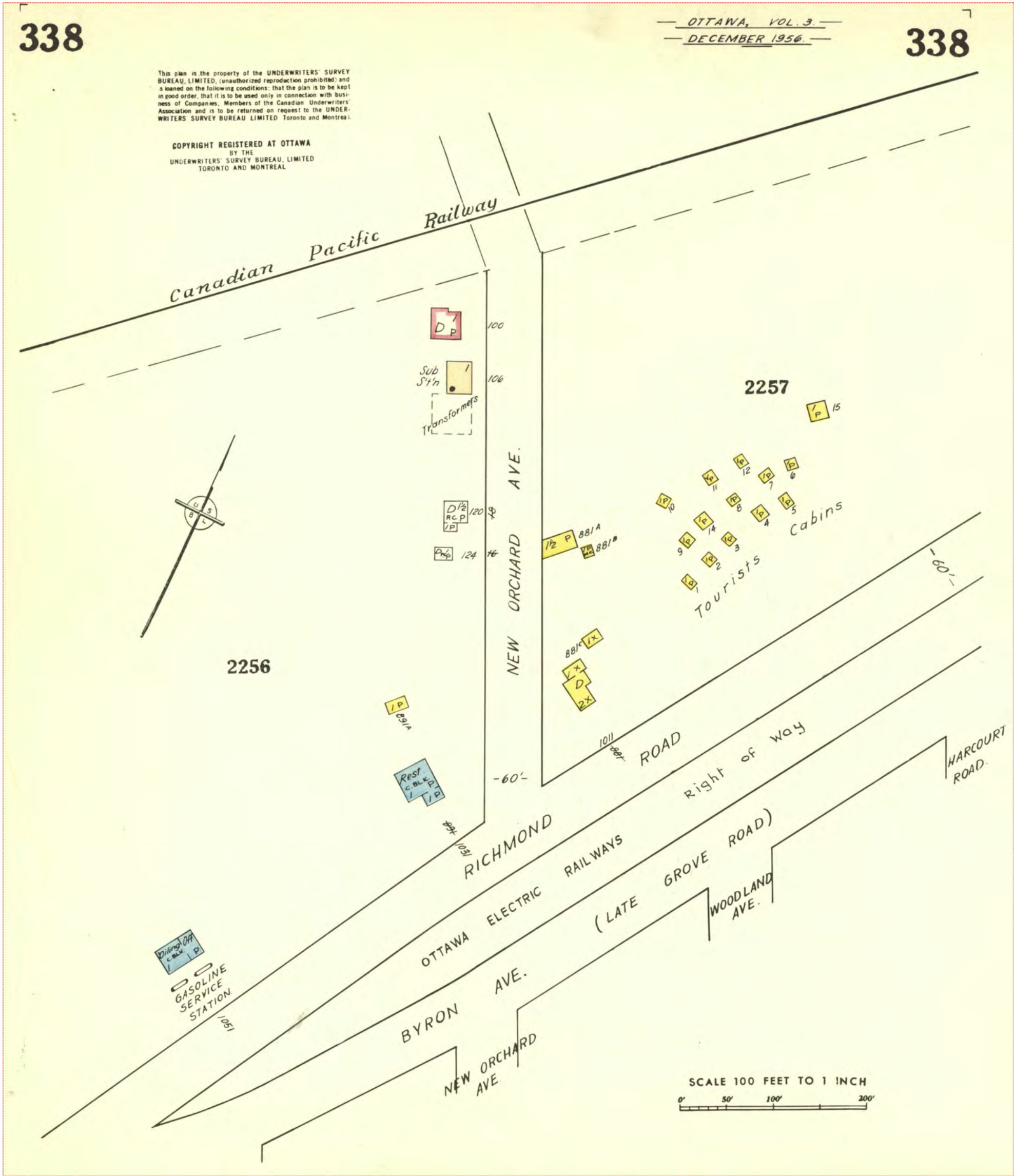




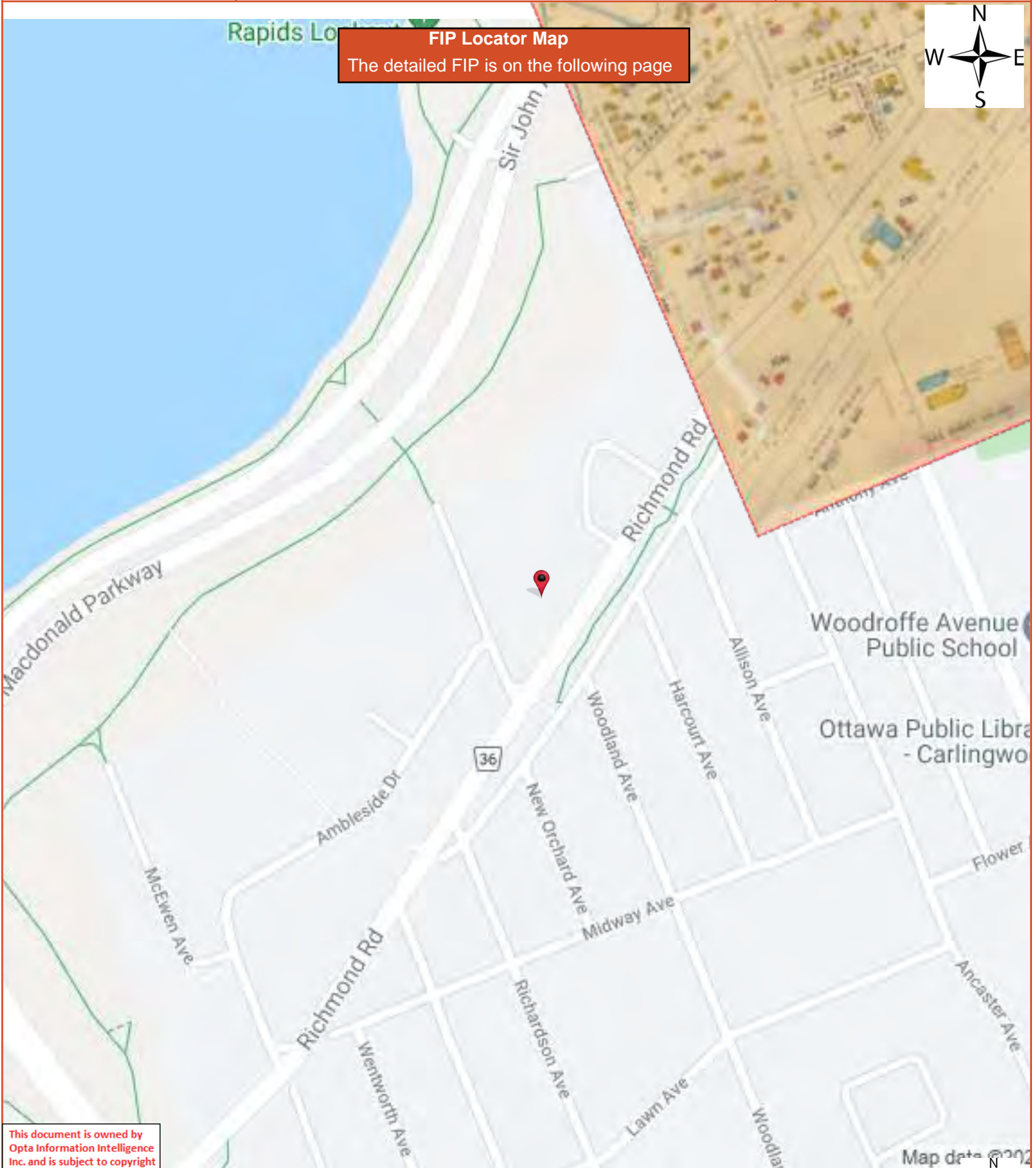


**FIP Locator Map**  
The detailed FIP is on the following page





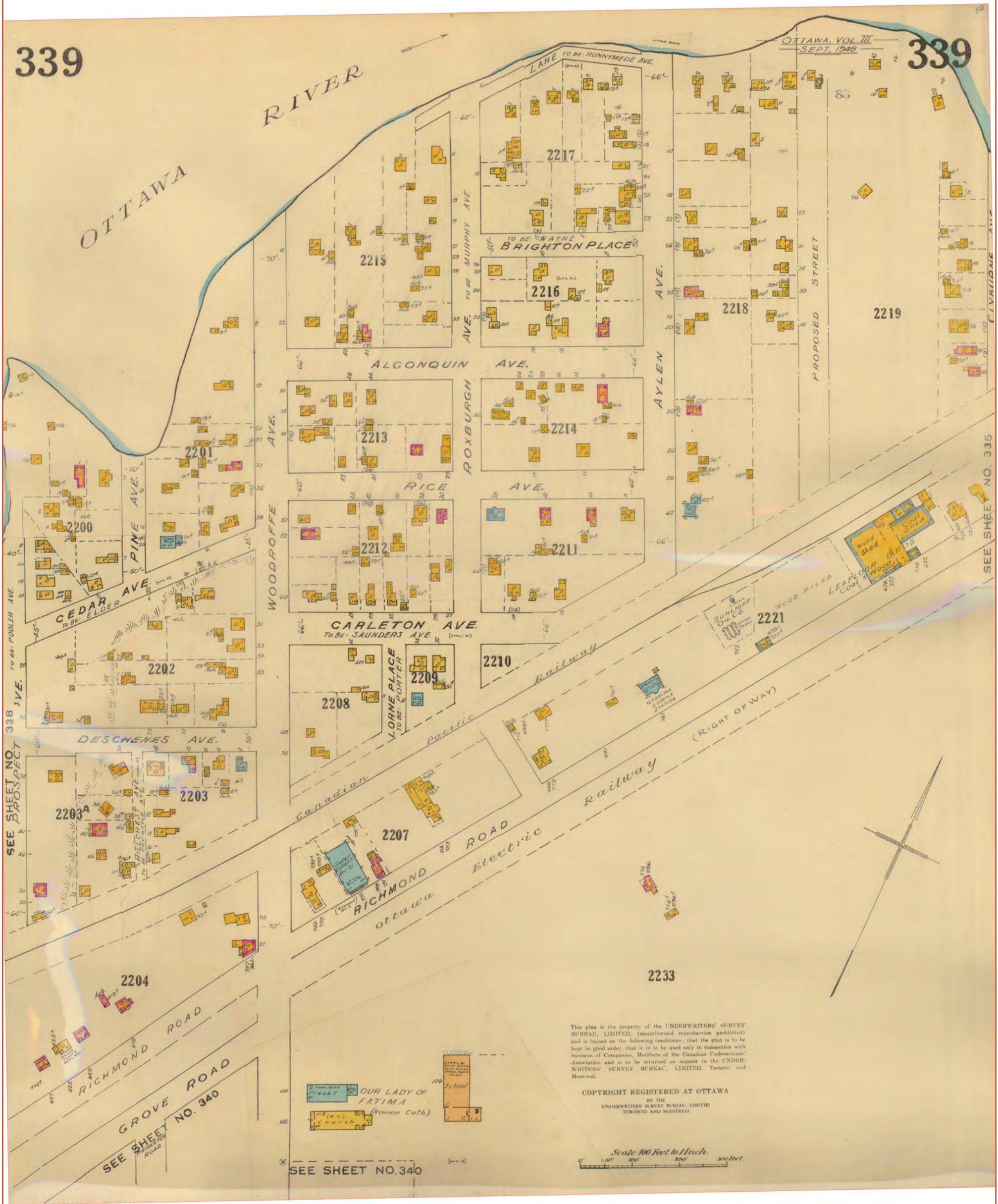




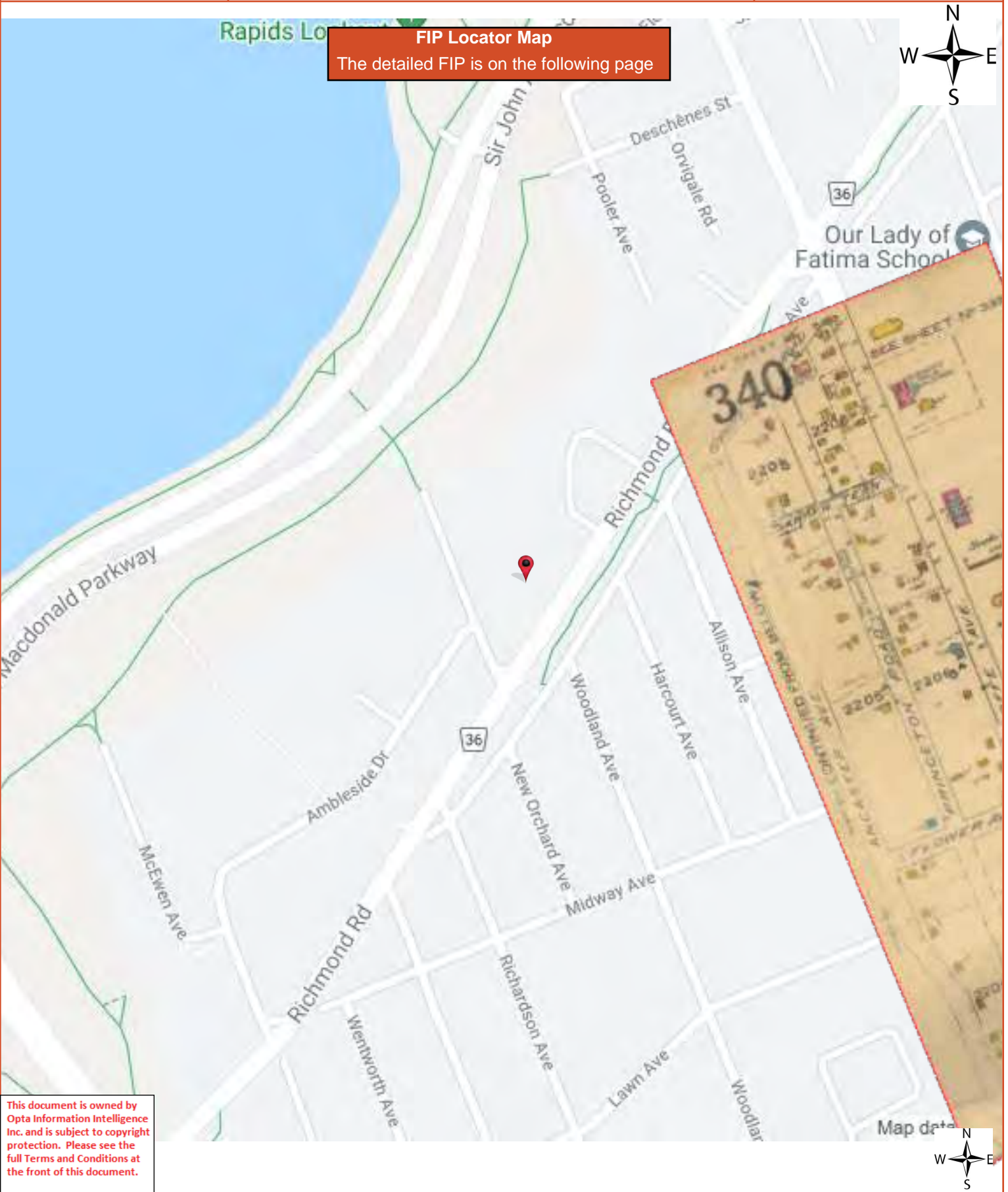
**FIP Locator Map**

The detailed FIP is on the following page

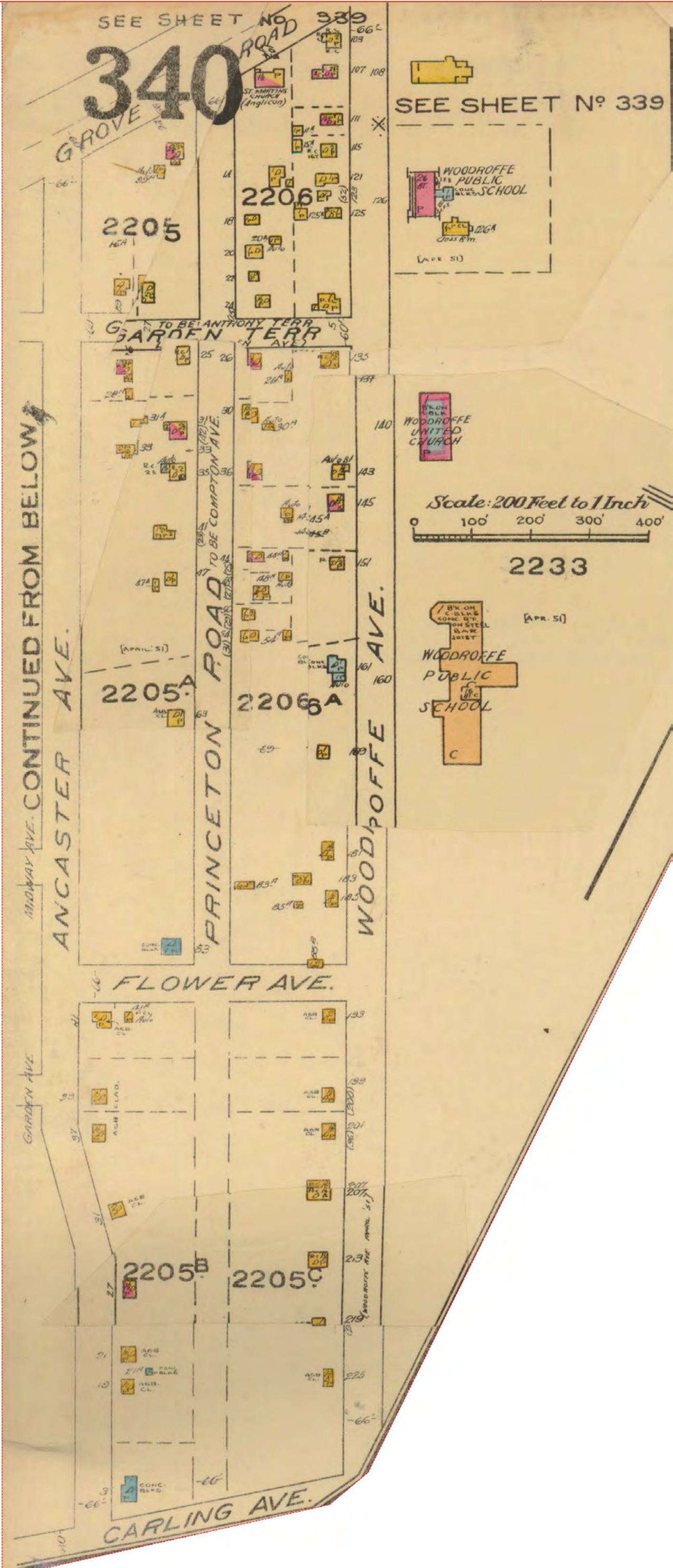






















**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
6R1 Reference No: 10681262**

Requested by:  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



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AIS Ref No.: 10681262

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Ontario Branch  
Confidential Report

MULTIRISK SURVEY

Insured: METRO PLYMOUTH CHRYSLER

Location Surveyed: 1047 RICHMOND RD  
OTTAWA, ONTARIO  
K2B 6R1

Person Contacted: Jim Pears Sr.  
Telephone Number: (613) 596-1006

Policy Number: 1240616  
AIS Reference: 10681262

Surveyed by: A. Bilik  
Date of Survey: 1994.11.21

Committed to Service Excellence





**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
6R1 Reference No: 10681262****Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

AIS Ref No.: 10681262

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IAO reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from a survey of the premises and/or from data supplied by or on behalf of the Purchaser. IAO does not purport to list all hazards. While changes and modifications, referred to in the reports are designed to upgrade protection and loss prevention of the premises, IAO assumes no responsibility for management and control of these activities. IAO will not be responsible to the Purchaser for any loss or damages, whether consequential or other, however caused, incurred or suffered, as a result of the services being provided.





**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
6R1 Reference No: 10681262**

Requested by:

Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



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Page: 1

METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - F I R E , L I A B I L I T Y A N D  
B A S I C C R I M E  
-----

## OCCUPANCY:

The insured is an owner/occupant at this location. They have been in operation since 1981 and at this location for 13 year(s). They occupy 1985 sq. m and are the major occupant, having 58 full-time 2 part-time employees. The premises are in good condition. The insured is interested in loss prevention, however there have been losses during the last 3 years.

## \* Loss History

Stolen vehicle one year ago (used mustang) \$6,000. approximate loss. The safe has also been broken into which has been replaced. Problems with "kids" in the past few months has caused the insured to hire a private guard.

## \* Occupancy Description (Insured / major tenant if insured is non-occupant)

New and used automobile dealership with parts sales, auto repairs, auto body shop, various offices and storage.

## \* Other Classes of Occupants

None

## \* Undersirable Features

some of the parts wash tanks are not equipped with fusible links  
no alarm system is present  
Safe is inferior for burglary protection  
Fencing is not present all way around dealership

Risk is Rateable under the Commercial Property Fire Schedule.  
It is recommended that this location be resurveyed in 1 year(s).

-----

## BUILDING:

- \* Built - 1960 (est.)      Height: Storey(s) (excluding basement) - 1=3, 2=3, 1
- \* Addition(s) - 1992
- \* There are no renovations.
- \* Building condition - Good

\* Area: Ground Floor - 1639 sq. m      Total (including basement) - 1985 sq. m

-----





**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
6R1 Reference No: 10681262**Requested by:  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

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METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIO

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## BASIC CONSTRUCTION:

- \* Walls - 100% Masonry - pt. Steel framework, pt. conc. framework, Bk/CB  
Walls Metal Clad
- \* Floors - (excluding basement) 100% Concrete
- \* Roof - 35% - Class I Steel Deck
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 60% - 10.2cm. precast conc. slab on unprotected steel
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 5% - Pre fab roof of a mobile unit trailer
  - Surface material(s) - Tar and gravel
  - Original roof.

## INTERIOR FINISH:

- \* Walls - 30% non-combustible
  - 70% open
- \* Ceilings - 50% non-combustible
  - 50% open

-----

BASEMENTS: None

## VERTICAL OPENINGS:

- \* Stairs - Fire rated enclosure

## MEZZANINE:

- \* Construction - Wood
- \* Occupancy - Employee lunchroom
- \* Area - 23 sq. m

OUTBUILDINGS: None

-----

## HEATING:

- \* Forced warm air hot water - 80% - Natural gas
  - Original installation.
  - Installation appears safe
- \* Suspended Unit Heaters - 20% - Natural gas
  - Original installation.
  - Installation appears safe





**Multirisk Report - 1994 METRO PLYMOUTH  
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METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIO

- \* Heating appliances - All enclosed in a separate room
- \* Combustible materials - Not stored in this room at time of survey
- \* Fuel Tanks/Supply:
  - Supply - UG Natural Gas Connection
- \* Chimneys:
  - Type B Gas Vent, ULC Labelled - Standard

-----

## ELECTRICAL:

- \* Condition - Good and appeared safe at the time of the survey.
- \* Wiring - Conduit, BX
- \* Overcurrent protection - Circuit Breakers.
- \* Electrical system - Original installation.

-----

## PLUMBING:

- \* Condition - Good at the time of the survey.
- \* Piping is Copper
- \* Plumbing - Original installation.

-----

## EXPOSURES: (within 15m of the risk):

- \* FRONT: OPEN
- \* REAR: OPEN
- \* LEFT: OPEN
- \* RIGHT: OPEN

-----

## MUNICIPAL PROTECTION:

- \* The FUS Public Fire Protection Classification is 3
- \* Responding (career) fire department Ottawa
- \* Distance from risk Less than 2.5 km
- \* Access via Paved roads. Year-round.
- \* The building itself is easily accesible to the fire department.
- \* Two hydrants within 155m (standard)





**Multirisk Report - 1994 METRO PLYMOUTH  
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1047 RD RICHMOND; OTTAWA, ONTARIO

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PRIVATE PROTECTION at this location includes the following:

- \* Standard extinguishers
- \* Guard service - For insured
- \* An automatic sprinkler system is not present.





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1047 RD RICHMOND; OTTAWA, ONTARIO

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M U L T I R I S K - L I A B I L I T Y  
-----

OCCUPANCY - GENERAL INFORMATION

- \* Neighbourhood is predominantly commercial, residential
- \* Insured - owner/occupant Area occupied - 1985 sq. m
- \* 30% accessible to public. Public access is considered moderate
- \* Gross revenue - \$20,000,000

-----

PREMISES information at the time of this survey

- \* The following appeared to be SATISFACTORY:

Stairs, ramps, handrails; Floor surfaces & coverings; Wall & ceilings;  
Interior Lighting; Exterior Lighting; Interior Housekeeping; Exterior  
Housekeeping; Washrooms; Sidewalks, Yards & Parking Lots; Snow & ice  
removal; Signs & Awnings; Roof attachments; Fire exits

ELEVATING DEVICES

- \* 12 Hoists
  - Current license is not present.
  - Maintenance contract - No





**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
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METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIOM U L T I R I S K - B A S I C C R I M E  
-----

## NEIGHBOURHOOD:

- \* Predominantly commercial, residential
- \* Stable
- \* Best described as having a moderate crime rate

## BUSINESS:

- \* Description - Automobile dealership with repairs and body shop
- \* Hours of Operation - 7:30 am. - 9:00 pm. Mon. - Fri. 9:00 am. - 6:00 pm. Sat.
- \* Typical Stock - New and used vehicles (new vehicles are not owned) auto parts
- \* Target Stock Details - As above
- \* Smash and Grab exposure is moderate
- \* There is a safe on the premises

-----

## GENERAL PROTECTION at the time of this survey:

- \* The following appeared to be SATISFACTORY:

Exterior Lighting, Interior Lighting, Roof Accessibility, Police Patrols

- \* The following were found to be UNSATISFACTORY, (refere to the Remarks and Recommendations for further details):

Permisses fully fenced, Outdoor stock protection, Target stock protection

- \* Security Alarm System - None

-----

## PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

- \* The exterior locks at this location are deadbolt, motor locks
- \* The windows are not barred

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.





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M U L T I R I S K - S P R A Y A P P L I C A T I O N S

OCCUPANCY:

Principal occupancy at this location is Auto dealer

- \* Product(s) Applied: - Paint, Primer
- \* Applied in: - Booth
- \* Construction: - Prefabricated
- \* Floor Construction: - Concrete
- \* Spray area: - Standard
- \* Frequency of use: - High
- \* Work done: - Only in intended area

EQUIPMENT:

- \* Compressed air spray gun

VENTILATION:

- \* Ventilation - suitable for this installation
- \* Filtering system - Dry filter
- \* Filtering system - Well maintained.
- \* Ventilation motor - Non-sparking and labelled
- \* Exhaust duct - Suitable

ELECTRICAL:

- \* Electrical equipment located inside the spray area - None
- \* Electrical equipment located outside the spray area - Standard
- \* Lighting fixtures are not labelled
- \* At time of survey, lighting fixtures appeared to be in good repair
- \* Lighting deficiencies - None

DRYER INSTALLATION:

- \* No dryers were found







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1047 RD RICHMOND; OTTAWA, ONTARIO

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## HAZARDS:

- \* Storage of flammable and combustible liquid is non-standard
- \* Flammable and combustible liquids storage
  - In the open, ordinary metal cabinets
  - In spray area, Outside spray area
- \* Labelled safety cans not used
- \* Handling - Safe
- \* Quantity in spray area - 24 litres.
- \* Quantity outside spray area - 250 litres.
- \* As a result of survey, the following were found to be satisfactory:  
  
Storage of dirty rags in safety containers; Restriction of smoking;  
Posting of no smoking signs; Welding/cutting a sufficient distance from  
spray area; Heating equipment a sufficient distance from spray area;  
Spray area is not highly congested
- \* As a result of survey the following were found needing attention, please  
refer to the remarks and recommendations for further details:
- \* Maintenance - Good

-----

PROTECTION:

- ```
* Portable fire extinguishers - Suitable
                                - Well located
* Automatic fixed extinguishing system - None
* Automatic sprinklers - None
```





**Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
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M U L T I R I S K  
R E M A R K S / R E C O M M E N D A T I O N S  
-----

## REMARKS:

- \* Fire, Liability & Basic Crime - The insured operates a successful business building and is well maintained. Waste oil is kept outside in an above ground double walled tank which is picked up by Safety Kleen. Some of the parts wash tanks do not have fusible links (recommendation made). There is no alarm system present (recommendation made); Note that the security guard is a private individual and may only be utilized for certain periods. The safe is unacceptable burglar protection (UL Class 350 fire safe) (recommendation made). Fencing should be considered on all sides of the dealership.





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RECOMMENDATIONS:

- \* 94-01 Fire, Liability & Basic Crime - The parts wash tanks missing fusible links should be replaced with tanks equipped with same.
- \* 94-02 Fire, Liability & Basic Crime - A burglar alarm system should be considered for the occupancy with alarms terminating at a recognized monitoring service.
- \* 94-03 Fire, Liability & Basic Crime - The safe provided should be replaced with a burglar resistant safe having a minimum ULC rating of TL 30. The safe should be alarmed, anchored to the masonry floor and be protected by an area alarm, connected to a central station.
- \* 94-04 Fire, Liability & Basic Crime - Fencing should be extended to all sides of the property, and be provided with gates that are locked on a nightly basis.





# Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1

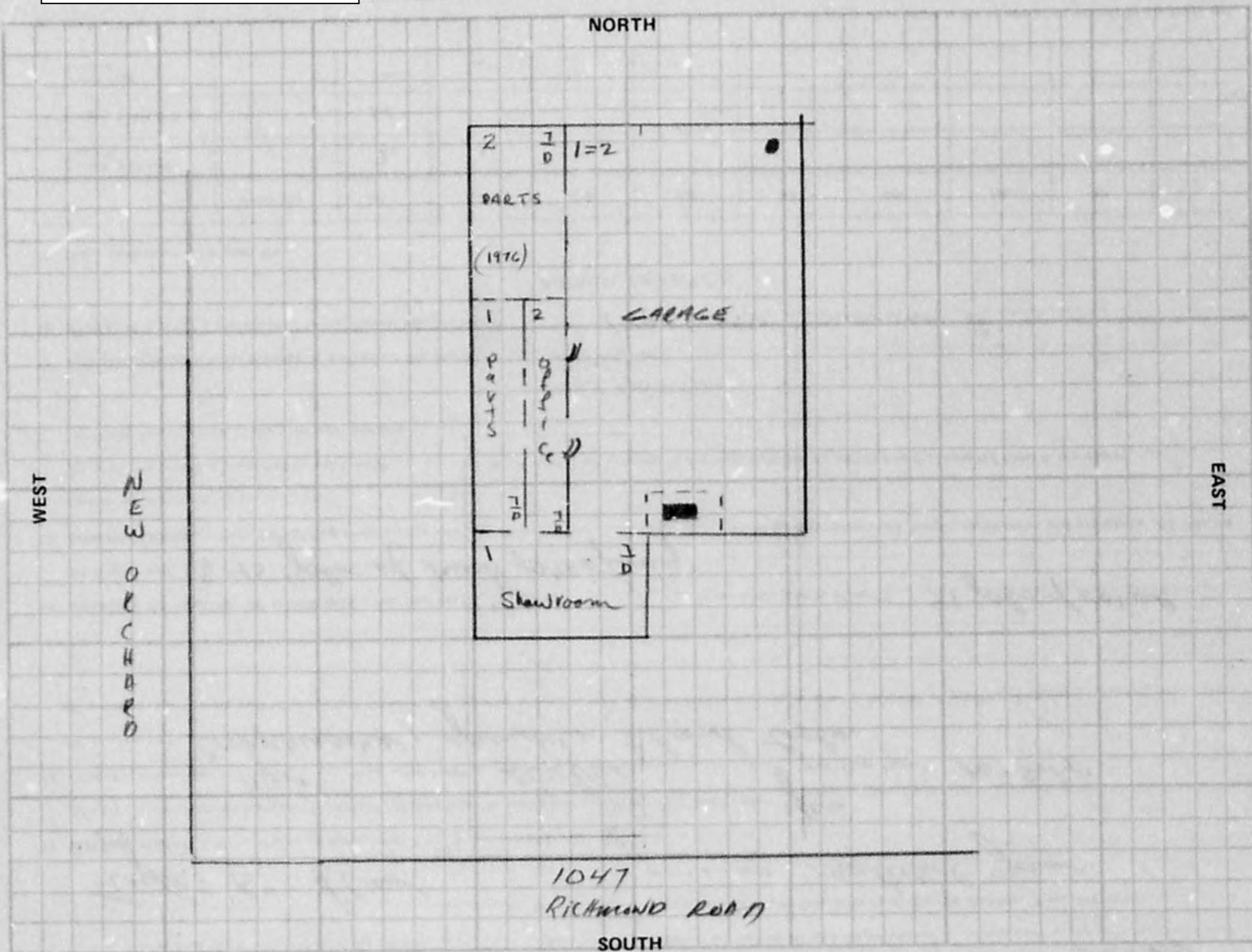




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# DIAGRAM

sk and all property within 100 feet is exactly as shown on the insurance plan.  
 of the Risk and indicate their occupancy, show also any openings between adjoining Buildings and all exposed Windows.  
 CK, Brick Building with RED, Stone or Concrete Buildings with BLUE and Brick Veneered, Brick Nogged or Metal Clad.  
 es for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.  
 50 feet = 1 inch (same as the Insurance Plans).



EXPOSURE: Note - These questions must be answered fully.

North 120 ft. to building built of Fire resistive 1 stories high, occupied as Nursing Home  
 South open " " " " " "  
 East 60 " " Frame 1 " " Office  
 West open " " " " " "

I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the IAO

DATE Nov 18 1976

SIGNATURE J. K. Hunt

(If submitted by Member Company, state name)



# COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1







INSURERS' ADVISORY ORGANIZATION OF CANADA

Page 1 (of 4)  
ONTARIO REGION

☐ Mercantile Risk  
☐ Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address : No. 1047 Street/Road Etc., RICHMOND ROAD  
Municipality OTTAWA (Formerly) \_\_\_\_\_  
Owned by: 505432 ONTARIO LTD Occupied by: METRO CHRYSLER AUTO DEALERSHIP  
Age of building (Built in) \_\_\_\_\_; Additions (Built in) \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_  
Is building completely finished & out of workmens hands? Yes ☒; No ☐ IBC Code: Terr: 63 Ind: 351 Cons: 2 Prot: 2

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NEW NEW NEW (Refers to compass point direction of wall, i.e. North, South, East or West)  
☒ INDEPENDENT ☒ BEARING ☒ NON-BEARING ☐ PARTY ☐ PARAPET  
(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below.)

Part steelton steel framework  
Part - reinforced concrete framework  
BK/CB walls.

COLUMNS OF WOOD ☐; HEAVY WOOD (min. 150mm x 300mm) ☐; UNPROTECTED STEEL ☐; PROTECTED STEEL ☐, protected by \_\_\_\_\_ having a fire-resistance rating of \_\_\_\_\_ hrs.

PANELS of Non-Combustible material or GLASS ☐; COMBUSTIBLE ☐ (describe) \_\_\_\_\_  
Wall: N. \_\_\_\_\_% S. \_\_\_\_\_% E. \_\_\_\_\_% W. \_\_\_\_\_%

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

| Floor Level | % Aut. Spk. Sec | Fire Resistive & Masonry                                | Fire Res. in Hrs. | Non-Combustible                              | Combustible |
|-------------|-----------------|---------------------------------------------------------|-------------------|----------------------------------------------|-------------|
| Grade       | 0%              | <u>Poured Concrete</u>                                  | <u>+2</u>         |                                              |             |
| 2ND         | 0%              |                                                         |                   | <u>Concrete on steel beam (2 1/2") 6.3cm</u> |             |
| Roof        | 0%              | <u>Precast Concrete Slab 10.2cm - unprotected steel</u> |                   |                                              |             |
| Roof        | 0%              |                                                         |                   | <u>Class I steel deck</u>                    |             |

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes ☐; No ☒. If Yes, Describe & Give Percentage - \_\_\_\_\_

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 291 Storeys High; Basement: Yes ☐; No ☒. (Nbr.) \_\_\_\_\_ Combustible Storeys Without Ground Level Access.  
- VERTICAL OPENINGS: Elevators ☐; Stairs ☒; Other ☐ (describe) \_\_\_\_\_

(Describe Construction & Type of Enclosure (s) & Door (s) Fully)

| Elv., S' way or Other | Nbr. | From: | To: | ENCLOSURE (S)  | DOOR (S)                  |
|-----------------------|------|-------|-----|----------------|---------------------------|
| STAIRS                | 2    | 1ST   | 2ND | <u>CB OPEN</u> | <u>NONE OR WD NOT S/C</u> |
|                       |      |       |     |                |                           |
|                       |      |       |     |                |                           |

- AREA: Basement : \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
1st. Floor : 35.1 x 38.1 = 12.2 x 18.3 = 1560.6 m<sup>2</sup>  
2nd Floor : 38.1 x 9.1 = \_\_\_\_\_ x \_\_\_\_\_ = 346.7 m<sup>2</sup>  
3rd (& Other): \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
Separation Walls ☐ (describe) \_\_\_\_\_ Total Area 1907.3 m<sup>2</sup> EFFECTIVE AREA: 1907.3 m<sup>2</sup>

- ROOF SURFACE: Non-Combustible ☐ (describe) \_\_\_\_\_ Combustible ☐ (describe) \_\_\_\_\_  
Patent ☒. FALSE ROOF over Masonry or Fire Resistive Roof ( ) (describe) \_\_\_\_\_

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof ☐, &/or Ceiling ☐. If In Roof, Is This An Attic ☐, Cut Off ☐, Shut Off ☐, With Access Limited By Trap(s)/Hatchway(s) ☐. In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises \_\_\_\_\_% In ROOF &/or \_\_\_\_\_% In CEILING. Describe \_\_\_\_\_

- continued -



- COMBUSTIBLE Floor Surfacing ☐ (describe & give % of total floor area affected) \_\_\_\_\_  
 INTERIOR Partitions/Walls ☐ (describe & give % of total interior wall area) \_\_\_\_\_  
 CONSTRUCTION: Mezzanines/Decks ☐ (describe & give % of total area of floors & roof) \_\_\_\_\_
- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

| Specify FLOOR        | 1ST.                     | 2ND                |  |  |  |  |
|----------------------|--------------------------|--------------------|--|--|--|--|
| Walls:               | CB, GYP/CB               | CB, GYP            |  |  |  |  |
| Ceiling:             | OPEN STEEL<br>OPEN CONC. | A.M.T., OPEN STEEL |  |  |  |  |
| Interior Partitions: | CB.                      | CB.                |  |  |  |  |
| Smoke Developed      | —                        | —                  |  |  |  |  |
| Flame Spread         | —                        | —                  |  |  |  |  |

Ordinary Damage Materials Attached To Fire Resistant or Non-Combustible Walls ☐ and/or Ceiling ☐

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments ☐ Comprise Of (describe & give chargeable %) \_\_\_\_\_  
 Finish ☐ Comprises Of (describe & give chargeable %) \_\_\_\_\_  
 Smoke Developed - 200 or Less ☐; Over 200 ☐; Flame Spread Rating \_\_\_\_\_  
 None Of The Above ☐. Are Attachments/Finish Attached/Applied To Fire Resistant or Non-Comb., Walls or Roof? Yes ☐; No ☐.
- BUILDING CONDITION: Moderate ☒, Major ☐, Extreme Deficiencies ☐. Describe Sub-Standard Structural Conditions \_\_\_\_\_

#### COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING: Building Heated? Yes ☒; No ☐. Borrowed Heat ☐. Describe Heating System Including Controls & Fuel Used: Hot Water and susp. hot air units - natural gas  
 Describe Chimney(s) & Deficiencies If Any: Std. installation and venting
- ELECTRICAL: FUSES: Type "S" ☐; Type "C" & Rejector System ☐; Circuit Breakers ☒; ORDINARY ☐; Used Exclusively ☐.  
 Aluminum Wiring ☐; Rigid Conduit ☒; Other ☒ (describe) Bx. Open ☐.  
 Electrical Equipment Defects: None ☒; Minor ☐; Moderate ☐; Major ☐; Serious ☐. Describe Condition: \_\_\_\_\_
- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)
- MUNICIPAL PROTECTION - (SECTION IX)
- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ☒; No ☐. If No - State Distance To Fire Hall: \_\_\_\_\_ km.
- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ☒; No ☐. And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ☒; No ☐. MAINS - 150mm ☐; 200mm ☒; 300mm ☐. Other (describe) \_\_\_\_\_  
 Circulating ☒; and/or Dead End ☐ Mains. Describe Deficiency (if any): \_\_\_\_\_
- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ☒; No ☐. If No - Describe \_\_\_\_\_
- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ☐; No ☒. If Yes, Describe Under General Underwriting Comments.
- PRIVATE PROTECTION: Is There Exclusive Private Protection ☐. Or Supplement To Municipal Protection ( ). Describe \_\_\_\_\_

#### INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ☒; Non-Standard ☐. (See Occupancy Section, page 3).
- WATCHMAN SERVICE: Standard ☐. Including Proprietary Supervision ☐. Including Central Station Supervisory Ser. ☐.  
 Describe: \_\_\_\_\_
- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ☐; Partial Protection (i.e. Minimum Requirements) ☐; Describe ( & Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion) \_\_\_\_\_
- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION ☐. No Such Alarm ☐. Total area Protected by Automatic Sprinklers Comprises \_\_\_\_\_ m<sup>2</sup>.
- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: Area Protected by: HALON ☐; CO<sub>2</sub> ☐; HIGH EXPANSION FOAM ☐; Other (describe) \_\_\_\_\_, Comprises \_\_\_\_\_ m<sup>2</sup>.  
 (Other Than A.S.)

- continued -



- SEPARATED OCCUPANCY: Is There Any Occupant(s) Cut-Off VERTICALLY ☐ /HORIZONTALLY ☐? Yes ☐; No ☐.  
If Yes - Such Occupant Occupies \_\_\_\_\_ m<sup>2</sup>, Comprising \_\_\_\_\_ % Of The Total Floor Area;  
Describe: \_\_\_\_\_

| OCCUPANCY DETAILS: Indicate: |             |                        |                                                                                                                                                                                                                                                                                   |
|------------------------------|-------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CIVIC NO.                    | FLOOR LEVEL | AREA (m <sup>2</sup> ) | IBC IND. CODE                                                                                                                                                                                                                                                                     |
|                              |             |                        | 1) Business Name Of Each Tenant, 2) Special Hazards Including Process Operation(s) And Faults Of Management, 3) Number, Type and Location Of Manual Fire Fighting Equipment, 4) Any Other Exceptional Features Of The Risk Not Discussed Elsewhere, and 5) Any Vacant Section(s). |

|                  |     |        |     |                                                                                                                                                                                                                                                                                                       |
|------------------|-----|--------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1047             | 2ND | 346.7  | 551 | Metro Chrysler - auto parts storage and<br>offices ① 4A 30BC ① 2A                                                                                                                                                                                                                                     |
| 1047             | 1ST | 1560.6 | 551 | Metro Chrysler - Auto repair garage - general<br>mechanical engine and parts repairs.<br>no body or spray painting work done.<br>O/A building - Postmaster depressing pit.<br>⑤ 10BB CO <sub>2</sub> units ⑤ 4A 60BC, ① 4A 30BC<br>rated units are provided.                                          |
|                  |     |        |     | note - A Devilbuss spray booth is provided in<br>the building but not in use. the booth<br>was left by the previous tenant incl.<br>a small stock of flammable liquid<br>① 5 gallon can KM PNT 70 Thinner - F.P. below<br>① 5 gallon can Inmont ES9 Reducer 73°F.<br>Stored in Devilbuss Spray Booth. |
| Total Floor Area |     | 1907.3 | 551 | ← (Building Owner's Interest) - Continued on attached sheet <input type="checkbox"/> -                                                                                                                                                                                                                |

- HOUSEKEEPING & MAINTENANCE: Excellent ☐; Good ☒; Average ☐; Poor ☐ (describe) \_\_\_\_\_

- NEIGHBOURHOOD: Isolated ☐; Residential ☐; Commercial ☒; Industrial ☐; Congested/Conflagration Hazard ☐ (describe

- OPINION OF RISK: Excellent ☐; Good ☒; Average ☐; Poor ☐ (describe) \_\_\_\_\_



**SURVEY FOR RATING FIRE RESISTIVE RISK Report  
- 1976 AUTO DETAILING 1047 Richmond Road  
OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

# **SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1**





SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered bldgs.) OF ALL CLASSES.

IBC CODE: TERT. 63 IND. 57 CONS. 2 PROT. 2

Location (Town and Street) OTTAWA RICHMOND RD Ins. Plan-S 338 B. 2257 No. 1047  
Owned by Parkway Chrysler Plymouth Ltd Occupied by Same  
For a Auto dealership No. of hands  
Is building completely finished and out of workmen's hands?

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement  
1st Showroom, parts dept, repair garage & rust proofing  
2nd Office, boiler room & parts storage  
3rd  
4th  
5th  
6th

CONSTRUCTION OF BUILDING

1. TYPE OF CONSTRUCTION - Floors & Roof Carried on:

- (a) Skeleton Steel Framework Showroom & parts ☐ (d) Bearing Walls & Steel Columns ☐  
(b) Reinforced Concrete, Framework garage ☒ (e) Steel on Steel Walls & Roof ☐  
(c) Bearing Walls & Partitions ☐ (f) Other Construction ☐

(Describe fully)

2. WALLS - State construction of external walls. Brick on HCB

If bearing walls give thickness of walls in inches at each floor

3. ROOF AND FLOOR - Materials

- Roof ☐ Floors ☐ (a) Concrete, reinforced - Poured in place inches thick  
Roof ☐ Parts Floors ☒ (b) Concrete, on metal pan - Poured in place 2 1/2 inches thick  
Roof ☒ Floors ☐ (c) Concrete, Precast Units 3-4 inches thick ?  
Roof ☒ Floors ☐ (d) Steel Deck, Construction #1 ☒ Otherwise ☐  
Roof ☐ Floors ☐ (e) Other Materials - Describe and Show Thickness



# ROOF AND FLOOR — Method of support

Roof ☒

Floors ☒

(a) Unprotected Steel Beams.

Roof ☐

Floors ☐

(b) Steel Beams Protected by ..... inches of .....

Roof ☐

Floors ☐

(c) Reinforced Conc. Beams — Poured in place.

Roof ☐

Floors ☐

(d) Precast Concrete Structural Units ..... inches thick ..... (Name of Manufacturer)

Roof ☐

Floors ☐

(e) Bearing Walls Only. No Supporting Steel.

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

(a) Is there any roof space exceeding 3 feet in height? NO If so, for what purpose is it used? .....

How is access obtained thereto? ..... If by trap or door, describe type .....

(b) Are all skylights of wired glass in metal frames? .....

(c) Is there any wood in roof, louvers, ventilators or skylights; if so give details NO .....

(d) Is there a wood roof laid over an incombustible one? — If so, how is it supported? .....

(e) If so, what is the maximum and minimum height of this above the incombustible roof? .....

(f) Is the incombustible roof broken by Texas, louvers, ventilator, trapdoor, skylight, stair, elevator, other shafts? .....

Is so, what is the construction of the sides through roof space? .....

Is there any access or opening from these shafts to the roof space? Describe each separately .....

(g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? NO If so, give dimensions, construction and occupancy .....

How is access obtained? .....

(h) Is there a wood wearing floor? ..... If so, on which storeys? .....

(i) Is it laid directly on incombustible floor or with an airspace? Describe .....

4 STEEL COLUMNS AND BEAMS — Are they fireproofed? NO If "Yes" state nature and thickness of such protection.

(a) Columns .....

(b) Beams .....

## FLOOR OPENINGS

5 STAIRWAYS — How many, and state from which floor to which? 2 - 1st to 2nd .....

Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing HEB shafts

No doors or wood doors not self closing

6 ELEVATORS — How many, and state from which floor to which? — .....

Is there an enclosure around them? ..... If so, describe construction of enclosure, and the doors, and whether doors are self-closing .....

7 CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS — Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each, — .....

8 HEATING AND VENTILATING DUCTS — Are there any? — (a) Are ducts, which cut through floor, in masonry shafts .....

(b) Give construction of shaft ..... (c) State whether separate duct to each floor without communication to other floors .....

(d) Do ducts open into roof space? .....

9 HEIGHT — State number of floors and whether there is a basement 2 & 1 = 2 no basement .....

10 AREA — Give ground floor dimensions 115 x 125 & 40 x 60 = 14,375 sq. ft. .....



# 11 INTERIOR FINISH -

State separately for each floor, finish and method of attachment to walls and ceiling (If more than one type of finish is present on any one floor, state percentage of each type)

|                | Bas. | 1st         | 2nd          | 3rd | 4th | 5th | 6th |
|----------------|------|-------------|--------------|-----|-----|-----|-----|
| (a) Walls      |      | HCB/N       | HCB/N        |     |     |     |     |
| (b) Ceilings   |      | HLP<br>open | TT &<br>open |     |     |     |     |
| (c) Partitions |      | HCB         | HCB          |     |     |     |     |

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:-

battery charging room 25' x 12' x 8' high of same construction

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully

12. HEATING - What is the system of heating the building? Hot water & Radiator Where is heating plant located? Megamini & Suspended units  
Is it in fire-resistive room with standard fire door? Are there any stoves; if so, how many and where located

Type B floor Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details  
What fuel is used? natural gas

13. ELECTRIC WIRING - All wiring is in Rigid Conduit ☐ Otherwise ☒

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? yes

14. POWER - Is any used? yes If so, what kind? electric Total Horse Power? 20-30 HP

What used for? Compressors, grinders & hand tools

If gasoline engine, state method of ignition, location and capacity of supply tank, whether feed is pressure or gravity, quantity of gasoline in engine

15. GASOLINE OR BENZINE, OR OTHER OILS - Are any kept? yes If so, what quantity of each? 45 gals of varrol

What used for? & 45 gals of rust proofing

16. COMMUNICATIONS - Does the building communicate with any other building (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram

(b) If so, are buildings separated by solid wall? (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors?

(d) If not, describe type of doors on each opening

## PUBLIC PROTECTION

17. FIRE DEPARTMENT - State distance to the nearest fire station 2 miles

18. HYDRANTS - What is the distance to the nearest two hydrants? 150 & 350 Give size of main 8"

## INTERNAL PROTECTION

19. Show number units for each floor:

|                            | Basement | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th |
|----------------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|
| Extrgs. 2 1/2 Gal. Class A |          | 2   | 1   |     |     |     |     |     |     |
| Extrgs. Class B & C        |          | 4   |     |     |     |     |     |     |     |
| Stand Pipe & Hose          |          | -   | -   |     |     |     |     |     |     |

20. WATCHMAN - Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being made not less than once an hour during the night, i.e. from 6 p.m. to 6 a.m., and every two hours during the day?

(a) Does he use a portable clock, electric detector, or report to central station?

(b) Give name of manufacturer of clock (c) Does it bear approval label of Underwriters' Laboratories

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him?

21. AUTOMATIC FIRE DETECTION SYSTEM - If such system is present provide details on questionnaire obtainable from IAO



**COMMERCIAL PROPERTY FIRE RATING FORM  
Report - 1982 METRO CHRYSLER 1047 Richmond  
Road OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

**COMMERCIAL PROPERTY FIRE RATING  
FORM Report - 1982 METRO CHRYSLER  
1047 Richmond Road OTTAWA ON  
K2B6R1**





# COMMERCIAL PROPERTY FIRE RATING FORM

CODING

| IND. | TERR. | CONS. | PROT. |
|------|-------|-------|-------|
| 551  | 63    | 2.    | 2     |

LOCATION Ottawa NAME Metro Chrysler FILE NO. \_\_\_\_\_  
 ADDRESS 1047 Richmond Road Insp'd. by C. Laffleur Date 7/5/82  
 Rated by C. Laffleur Date 11/5/82

## BASIC CONSTRUCTION: (SECTION II)

WALLS (ITEMS 210-215)

Construction Class 2 Bldg. Comb. Class M3

| WALL AREA | MASONRY   |             | FIRE RES. |           | NON COMB | COMB | DETAIL OF WALL CONSTRUCTION | % OF WALL PERIM | POINTS |
|-----------|-----------|-------------|-----------|-----------|----------|------|-----------------------------|-----------------|--------|
|           | Wall Type | Wall Thick. | Dam. Type | Fire Res. |          |      |                             |                 |        |
|           | W-1       | +20.3       | D-1       | 2 HR      |          |      | BK/CB                       | 100 %           | x -    |
|           | W-        |             | D-        | HR        |          |      |                             | %               | x      |
|           | W-        |             | D-        | HR        |          |      | Port Shelton Steel          | %               | x      |
|           | W-        |             | D-        | HR        |          |      | framing                     | %               | x      |
|           | W-        |             | D-        | HR        |          |      |                             | %               | x      |
|           | W-        |             | D-        | HR        |          |      |                             | %               | x      |
|           |           |             |           |           |          |      |                             | %               | x 70   |
|           |           |             |           |           |          |      |                             | 30 %            | x 20   |
|           |           |             |           |           |          |      |                             | %               | x      |

Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal ☒ Comb. ☐

Panels in masonry or fire resistive walls: Comb. ☐ Non-comb. ☐ Glass ☒ Slow burning ☐

Special Conditions (Describe).....

## FLOOR(S) AND ROOF (ITEMS 220-223)

| LEVEL | DIMENSIONS | MAS. or F.R. |           | NON COMB | COMB | DETAILS OF FLOOR/ROOF MATERIALS | % of Total Floor/Roof Area | POINTS |
|-------|------------|--------------|-----------|----------|------|---------------------------------|----------------------------|--------|
|       |            | Dam. Type    | Fire Res. |          |      |                                 |                            |        |
| Grade | 1560.6     | D-1          | 2 HR      |          |      | Poured Concrete                 | 45 %                       | x -    |
| 2ND   | 346.7      | D-           | -1 HR     |          |      | Concrete on Steel Pan 6.3cm     | 10 %                       | x 140  |
|       |            | D-           | HR        |          |      |                                 | %                          | x      |
| ROOF  | 570.0      | D-           | -1 HR     |          |      | Class I Steel Deck              | 16 %                       | x 200  |
| Roof  | 990.6      | D-           | HR        |          |      | Precast Concrete slab 10.2cm    | 29 %                       | x 120  |
|       |            |              |           |          |      | unprotected steel               |                            |        |

3467.9

Total Basic Construction Charges:

Schedule Base ..... +

Building Base ..... =

Building Base x 1.0 Comb. Modifier (ITEM 230) x .001 = BASIC BUILDING RATE:

(carried fwd. overleaf) \*

## SECONDARY CONSTRUCTION: (SECTION III)

| Height: (ITEM 300) Nbr. Storeys <u>23/</u> Bast. <u>NO</u> Comb. Stories (Without ground level access) <u>-</u>                                                                                                                                                                                                                                                         | % CHARGE |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-----------|-----------|---------|---------|----|-----|-----|------|-----|----|--|--|--|--|--|---|--|--|--|--|--|---|----|
| Vertical Openings: (ITEM 310)                                                                                                                                                                                                                                                                                                                                           |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| <table border="1"> <tr> <th>Type</th> <th>Fm</th> <th>To</th> <th>Enclosure</th> <th>Doors</th> <th>% Chge.</th> </tr> <tr> <td>V4</td> <td>1ST</td> <td>2ND</td> <td>OPEN</td> <td>NIL</td> <td>20</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td> </tr> </table> | Type     | Fm  | To        | Enclosure | Doors   | % Chge. | V4 | 1ST | 2ND | OPEN | NIL | 20 |  |  |  |  |  | + |  |  |  |  |  | + | 20 |
| Type                                                                                                                                                                                                                                                                                                                                                                    | Fm       | To  | Enclosure | Doors     | % Chge. |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| V4                                                                                                                                                                                                                                                                                                                                                                      | 1ST      | 2ND | OPEN      | NIL       | 20      |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
|                                                                                                                                                                                                                                                                                                                                                                         |          |     |           |           | +       |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
|                                                                                                                                                                                                                                                                                                                                                                         |          |     |           |           | +       |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Area: (ITEM 320) <u>1ST 1560.6</u> <u>2ND 346.7</u> x <u>1907.3</u>                                                                                                                                                                                                                                                                                                     |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Grade Floor Area <u>1560.6</u> Total Area <u>1907.3</u> Effective Area <u>1907.3</u>                                                                                                                                                                                                                                                                                    | 20       |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Roof Surface: (ITEM 330) Approved <input checked="" type="checkbox"/> Other (Described).....                                                                                                                                                                                                                                                                            |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area <u>-</u> %                                                                                                                                                                                                                                                                           |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Ceiling Space; Percentage of total floor area <u>-</u> %                                                                                                                                                                                                                                                                                                                |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Combustible Interior Construction: (ITEM 350)                                                                                                                                                                                                                                                                                                                           |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Floor Surfacing; Percentage of total floor area <u>-</u> %                                                                                                                                                                                                                                                                                                              |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Interior Walls or Partitions; Percentage of total exterior wall area <u>-</u> %                                                                                                                                                                                                                                                                                         |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Mezzanines or Decks; Percentage of total floor/roof area <u>-</u> %                                                                                                                                                                                                                                                                                                     |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Combustible Interior Finish or Insulation: (ITEM 360)                                                                                                                                                                                                                                                                                                                   |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Walls; Percentage of total area of exterior walls; Ord. Dam. <u>-</u> % Spec. Dam. <u>-</u> %                                                                                                                                                                                                                                                                           |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Roof & Floor(s); Percentage of total area of ceilings; Ord. Dam. <u>-</u> % Spec. Dam. <u>-</u> %                                                                                                                                                                                                                                                                       |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Combustible Exterior Finish or Attachments: (ITEM 370).....                                                                                                                                                                                                                                                                                                             |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Building Condition: (ITEM 380) Good <input checked="" type="checkbox"/> ; Average <input type="checkbox"/> ; Poor <input type="checkbox"/> ;.....                                                                                                                                                                                                                       |          |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |
| Total Secondary Construction Charges:                                                                                                                                                                                                                                                                                                                                   | 40       |     |           |           |         |         |    |     |     |      |     |    |  |  |  |  |  |   |  |  |  |  |  |   |    |

(carried fwd. overleaf) \*\*



| St. No.<br>Floor                                                          | Floor<br>Area | % of<br>Total<br>Area | Occ'y<br>Item<br>No. | Name and Description of<br>Occupancy and Hazards | Basic<br>Occ'y<br>Charge | Hazard<br>Charges | Sep'd.<br>Occ'y<br>Factor | Total<br>Occ'y<br>Charge | Comb.<br>Cl. | Susc.<br>Cl.          | Ind.<br>Code |
|---------------------------------------------------------------------------|---------------|-----------------------|----------------------|--------------------------------------------------|--------------------------|-------------------|---------------------------|--------------------------|--------------|-----------------------|--------------|
| Common Hazards Applicable to Building: <u>Hot Water &amp; Hot air gas</u> |               |                       |                      |                                                  |                          | 3                 |                           |                          |              |                       |              |
| 1047                                                                      | 1907.3        | 100%                  |                      | auto repair garage - auto                        | 75                       |                   | -                         | 75                       | M3           | S3                    | 551          |
|                                                                           |               |                       | 508                  | sales showroom                                   |                          |                   |                           |                          |              |                       |              |
|                                                                           |               |                       | D                    | dealership                                       |                          |                   |                           |                          |              |                       |              |
|                                                                           |               |                       |                      | O/A welding                                      |                          | -                 |                           |                          |              |                       |              |
|                                                                           |               |                       |                      | standard degreasing kit                          |                          | -                 |                           |                          |              |                       |              |
|                                                                           |               |                       |                      | std. extinguishers                               |                          |                   |                           | 18                       |              |                       |              |
|                                                                           |               |                       | 730-2                | 10 gallons of flammables                         |                          | 18                |                           | 93                       |              |                       |              |
|                                                                           |               |                       | C-5-B                | kept in storage - no dispensing done             |                          |                   |                           |                          |              |                       |              |
| TOTAL 1907.3                                                              |               |                       |                      |                                                  |                          |                   |                           |                          |              |                       |              |
| STORED IN OILBASS BOOTH                                                   |               |                       |                      |                                                  |                          |                   |                           |                          |              |                       |              |
|                                                                           |               |                       |                      |                                                  |                          |                   |                           |                          |              | Building<br>IND. CODE | 551          |

Major Occupancy Charge (largest occupant; by area occupied) ..... 93 %  
 20% of \_\_\_\_\_ (next 10 highest additional Total Occupancy Charges) ..... 0 %  
 Common Hazards applicable to the Building ..... 3 %  
 Net Occupancy Charge ..... 96 %  
 L1, L2 Area \_\_\_\_\_ %  
 Net Occupancy Charge x \_\_\_\_\_ Occ'y Mod. Factor (ITEM 418) ..... = \_\_\_\_\_ %  
 \*\* Total Secondary Construction Charge (brought forward from overleaf) ..... + 40 %

EXPOSURE: (SECTION VIII)

Non Chargeable ☒

| Facing Wall of Exposure |                    |               |       |           |          | Facing Wall of Risk  |                    | Exposure<br>Distance |
|-------------------------|--------------------|---------------|-------|-----------|----------|----------------------|--------------------|----------------------|
| Masonry<br>Semi Prot.   | Masonry<br>Unprot. | Non-<br>Comb. | Comb. | Comb. Cl. | Lth./Ht. | Comb. &<br>Non-Comb. | Masonry<br>Unprot. |                      |
|                         |                    |               |       |           |          |                      |                    | —                    |
|                         |                    |               |       |           |          |                      |                    | —                    |

Exposure Charge ..... + \_\_\_\_\_ %  
 Party Wall Exposure Charge (ITEM 831) ..... + \_\_\_\_\_ %  
 Communication Charge (ITEM 832) ..... + \_\_\_\_\_ %  
 + 100 %

(brought forward from overleaf) BASIC BUILDING RATE .307 x 236 % = UNPROTECTED BLDG. RATE .724

MUNICIPAL PROTECTION: (SECTION IX)

F.U.S. Prot. Class 3 Revised Prot. Class \_\_\_\_\_

Dist. to Hydrants: Stdr. ☒ Non Stdr. ☐ .....m. Accessibility: Good ☒ Poor ☐

Dist. to Fire Hall: Stdr. ☒ Non Stdr. ☐ .....km. Congested Area: Yes ☐ No ☒

Unprotected Bldg. Rate x .44 Protection Class Factor ..... = PROTECTED BLDG. RATE .318

BUILDING ADJUSTMENT FACTOR: (SECTION X)

Protected Bldg. Rate x 1.06 Building Adjustment Factor ..... = GROSS BLDG. RATE .337

INTERNAL PROTECTION: (SECTION XI)

Extinguishers Stdr. ☒ 3 % Credit W. & C. Stdr. ☐ \_\_\_\_\_ % Credit

S.P. & H. Stdr. ☐ \_\_\_\_\_ % Credit Automatic Fire Detection System Stdr. ☐ \_\_\_\_\_ % Credit

Automatic Sprinklers ☐ (Describe) ..... % Credit

Other Auto. Protection ☐ (Describe) ..... % Credit

GROSS BLDG. RATE .337 Less 3 % = .327 Less \_\_\_\_\_ % = \_\_\_\_\_ Less \_\_\_\_\_ % = FINAL BLDG. RATE .327 N/C

CONTENTS RATES (SECTION XII)

MAY 25 1982 N.T.

ITEM → 1200 1210 1220

| Ind.<br>Code | Susc.<br>Class | OCCUPANCY          | Susc.<br>Charge |   | Hazards<br>Adj. |   | Conts.<br>Adj.<br>Factor |   | Adj.<br>Conts.<br>Charge |   | Gross<br>Bldg.<br>Rate |   | Gross<br>Conts.<br>Rate |   | Int.<br>Prot.<br>Factor |   | FINAL<br>CONTS.<br>RATE |
|--------------|----------------|--------------------|-----------------|---|-----------------|---|--------------------------|---|--------------------------|---|------------------------|---|-------------------------|---|-------------------------|---|-------------------------|
| 551          | 33             | auto Repair Garage | .40             | x | 1.18            | x | .80                      | = | .378                     | + | .337                   | = | .715                    | x | .95                     | = | .679                    |
|              |                |                    |                 | x |                 | x |                          | = |                          | + |                        | = |                         | x |                         | = |                         |
|              |                |                    |                 | x |                 | x |                          | = |                          | + |                        | = |                         | x |                         | = |                         |
|              |                |                    |                 | x |                 | x |                          | = |                          | + |                        | = |                         | x |                         | = |                         |
|              |                |                    |                 | x |                 | x |                          | = |                          | + |                        | = |                         | x |                         | = |                         |
|              |                |                    |                 | x |                 | x |                          | = |                          | + |                        | = |                         | x |                         | = |                         |



## ADOPTED BY BOARD ASSOCIATIONS IN CANADA

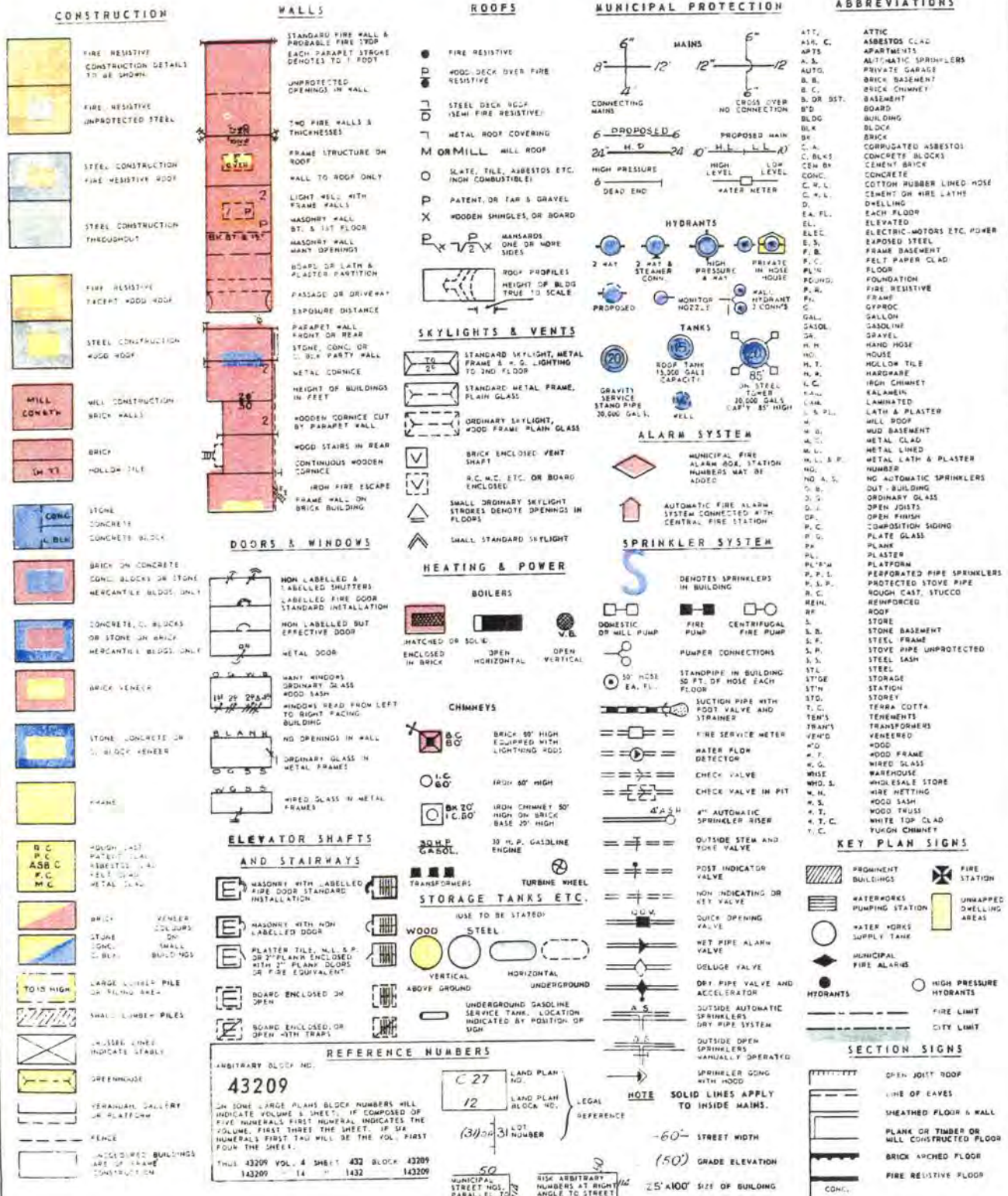


Figure 2: Standard Key of Signs, Adopted by Board Associations in Canada (col)



## **APPENDIX III**

### **CHAIN OF TITLE**



CHAIN OF TITLE REPORT

Project #: 21494078  
Address: 1047 Richmond Road. Ottawa  
Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean  
as in N545545, Except Pt 1 5R-3653

Searched at: Ottawa  
LRO #: 4

Page 1

PIN #: 03970-0109 (LT)

| INSTR # | DOC. TYPE | REG. DATE  | PARTY FROM                                      | PARTY TO                   |
|---------|-----------|------------|-------------------------------------------------|----------------------------|
|         | Patent    | 08 03 1804 | Crown                                           | Joseph BOISSEAU            |
| 224     | Deed      | 18 07 1829 | Joseph Boisseau                                 | Robert HALLOWELL           |
| 583     | Deed      | 31 01 1833 | Robert Hallowell                                | George BAKER               |
| 26495   | Deed      | 24 08 1866 | George Baker                                    | Godfrey BAKER              |
| 13353   | Deed      | 26 05 1888 | George Baker exor for<br>Godfrey Baker - Estate | George AIKEN               |
| 14196   | Deed      | 27 12 1889 | George Aiken                                    | John B. ULLETT             |
| 43743   | Deed      | 17 11 1940 | John B. Ullett - Estate                         | Robert L. ULLETT           |
| 302127  | Deed      | 03 07 1952 | Robert L. Ullett - Estate                       | Nick BOOSAMRA              |
| 352249  | Deed      | 15 10 1956 | Nick Boosamra                                   | Brownlee & McKeown Limited |

Cont'd on Page 2



CHAIN OF TITLE REPORT

Project #: 21494078  
Address: 1047 Richmond Road. Ottawa  
Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean  
as in N545545, Except Pt 1 5R-3653  
  
PIN #: 03970-0109 (LT)

Searched at: Ottawa  
LRO #: 4

Page 2

| INSTR #   | DOC. TYPE              | REG. DATE  | PARTY FROM                                                        | PARTY TO                                 |
|-----------|------------------------|------------|-------------------------------------------------------------------|------------------------------------------|
| 363806    | Deed                   | 19 09 1957 | McKeown Realties Limited<br>(Formerly Brownlee & McKeown Limited) | Charles A. BROWNLEE &<br>Patrick McKEOWN |
| 376110    | Deed                   | 15 08 1958 | Charles A. Brownlee &<br>Patrick McKeown                          | Northern Garage and Holdings Limited     |
| 396109    | Deed                   | 09 10 1959 | Northern Garage and Holdings Limited                              | Chrysler Corporation of Canada           |
| 602793    | Deed                   | 03 12 1971 | Chrysler Canada Ltd.<br>(Formerly Chrysler Corporation of Canada) | Parkway Chrysler Plymouth Ltd.           |
| NS147093  | Deed                   | 02 04 1982 | Parkway Chrysler Plymouth Ltd.                                    | 505432 Ontario Limited                   |
| N545545   | Deed<br>(Present Ower) | 08 03 1990 | Marinter (Ontario) Ltd.<br>(Formerly 505432 Ontario Limited)      | Rimosa Investments Limited               |
| LT1112079 | Lease                  | 27 03 1998 | Rimosa Investments Limited                                        | Chrysler Canada Ltd.<br>(Lessee)         |



LAND  
REGISTRY  
OFFICE #4

03970-0105 (LT)

PAGE 1 OF 2  
PREPARED FOR JOB  
ON 2025/04/11 AT 16:24:00

ONLAND

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION: PT LT 25, CON 10F , AS IN N707740 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK NP21

PIN CREATION DATE:

1997/03/17

OWNERS' NAMES

1047 RICHMOND NOMINEE INC.

CAPACITY SHARE

| REG. NUM.               | DATE                                                                                                     | INSTRUMENT TYPE                         | AMOUNT                                                  | PARTIES FROM                                                        | PARTIES TO                 | CERT/<br>CHKD |
|-------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|----------------------------|---------------|
| **EFFECTIVE             | 2000/07/29                                                                                               | THE NOTATION OF THE                     | "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN** |                                                                     |                            |               |
| **WAS REPLACED WITH THE |                                                                                                          | "PIN CREATION DATE" OF 1997/03/17**     |                                                         |                                                                     |                            |               |
| ** PRINTOUT             | INCLUDES ALL DOCUMENT TYPES AND                                                                          | DELETED INSTRUMENTS SINCE 1997/03/14 ** |                                                         |                                                                     |                            |               |
| **SUBJECT,              | ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:                                                     |                                         |                                                         |                                                                     |                            |               |
| **                      | SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES | *                                       |                                                         |                                                                     |                            |               |
| **                      | AND ESCHEATS OR FORFEITURE TO THE CROWN.                                                                 |                                         |                                                         |                                                                     |                            |               |
| **                      | THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF  |                                         |                                                         |                                                                     |                            |               |
| **                      | IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY           |                                         |                                                         |                                                                     |                            |               |
| **                      | CONVENTION.                                                                                              |                                         |                                                         |                                                                     |                            |               |
| **                      | ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.                                     |                                         |                                                         |                                                                     |                            |               |
| **DATE OF CONVERSION TO | LAND TITLES: 1997/03/17 **                                                                               |                                         |                                                         |                                                                     |                            |               |
| CR531049                | 1967/09/12                                                                                               | BYLAW                                   |                                                         |                                                                     |                            | C             |
| N705245                 | 1994/09/29                                                                                               | BYLAW                                   |                                                         |                                                                     |                            | C             |
| N707740                 | 1994/10/28                                                                                               | TRANSFER                                |                                                         | *** COMPLETELY DELETED ***                                          | RIMOSA INVESTMENTS LIMITED |               |
| LT1035561               | 1997/04/01                                                                                               | CHARGE                                  |                                                         | *** DELETED AGAINST THIS PROPERTY ***<br>RIMOSA INVESTMENTS LIMITED | THE BANK OF NOVA SCOTIA    |               |
| OC1135995               | 2010/07/16                                                                                               | NOTICE                                  |                                                         | HER MAJESTY THE QUEEN IN RIGHT OF CANADA                            |                            | C             |
|                         | REMARKS: AIRPORT ZONING REGULATION                                                                       |                                         |                                                         |                                                                     |                            |               |
| OC2430806               | 2021/12/01                                                                                               | DISCH OF CHARGE                         |                                                         | *** COMPLETELY DELETED ***<br>THE BANK OF NOVA SCOTIA               |                            |               |
|                         | REMARKS: LT1035561.                                                                                      |                                         |                                                         |                                                                     |                            |               |

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



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03970-0105 (LT)

PAGE 2 OF 2  
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\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

| REG. NUM. | DATE       | INSTRUMENT TYPE                   | AMOUNT       | PARTIES FROM               | PARTIES TO                                           | CERT/<br>CHKD |
|-----------|------------|-----------------------------------|--------------|----------------------------|------------------------------------------------------|---------------|
| OC2473014 | 2022/03/31 | TRANSFER                          | \$24,200,000 | RIMOSA INVESTMENTS LIMITED | 1047 RICHMOND NOMINEE INC.                           | C             |
|           |            | REMARKS: PLANNING ACT STATEMENTS. |              |                            |                                                      |               |
| OC2473015 | 2022/03/31 | CHARGE                            | \$17,500,000 | 1047 RICHMOND NOMINEE INC. | DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY | C             |
| OC2473016 | 2022/03/31 | NO ASSGN RENT GEN                 |              | 1047 RICHMOND NOMINEE INC. | DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY | C             |
|           |            | REMARKS: OC2473015.               |              |                            |                                                      |               |

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
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\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION: PART OF LOTS 24 AND 25, CONCESSION 1 (OF), AS IN N545545, SAVE AND EXCEPT PART 1 ON PLAN 5R-3653, OTTAWA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:

DIVISION FROM 03970-0010

PIN CREATION DATE:

1997/07/16

OWNERS' NAMES

1047 RICHMOND NOMINEE INC.

CAPACITY SHARE

| REG. NUM.               | DATE                                                                                                     | INSTRUMENT TYPE                         | AMOUNT                                                  | PARTIES FROM                          | PARTIES TO                            | CERT/<br>CHKD |
|-------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|---------------------------------------|---------------------------------------|---------------|
| **EFFECTIVE             | 2000/07/29                                                                                               | THE NOTATION OF THE                     | "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN** |                                       |                                       |               |
| **WAS REPLACED WITH THE |                                                                                                          | "PIN CREATION DATE" OF 1997/07/16**     |                                                         |                                       |                                       |               |
| ** PRINTOUT             | INCLUDES ALL DOCUMENT TYPES AND                                                                          | DELETED INSTRUMENTS SINCE 1997/07/15 ** |                                                         |                                       |                                       |               |
| **SUBJECT,              | ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:                                                     |                                         |                                                         |                                       |                                       |               |
| **                      | SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES | *                                       |                                                         |                                       |                                       |               |
| **                      | AND ESCHEATS OR FORFEITURE TO THE CROWN.                                                                 |                                         |                                                         |                                       |                                       |               |
| **                      | THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF  |                                         |                                                         |                                       |                                       |               |
| **                      | IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY           |                                         |                                                         |                                       |                                       |               |
| **                      | CONVENTION.                                                                                              |                                         |                                                         |                                       |                                       |               |
| **                      | ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.                                     |                                         |                                                         |                                       |                                       |               |
| **DATE OF CONVERSION TO | LAND TITLES: 1997/03/17 **                                                                               |                                         |                                                         |                                       |                                       |               |
| CR602796                | 1971/12/03                                                                                               | LEASE                                   |                                                         | *** DELETED AGAINST THIS PROPERTY *** | PARKWAY CHRYSLER PLYMOUTH LTD         |               |
| CR691573                | 1976/06/29                                                                                               | AGREEMENT                               |                                                         |                                       | THE CORPORATION OF THE CITY OF OTTAWA | C             |
|                         | REMARKS: DEVELOPMENT                                                                                     |                                         |                                                         |                                       |                                       |               |
| CR721634                | 1977/12/01                                                                                               | AGR AM L                                |                                                         | *** DELETED AGAINST THIS PROPERTY *** |                                       |               |
| CR721635                | 1977/12/01                                                                                               | AGR AM L                                |                                                         | *** DELETED AGAINST THIS PROPERTY *** |                                       |               |
| NS14531                 | 1978/05/26                                                                                               | LEASE                                   |                                                         | *** DELETED AGAINST THIS PROPERTY *** | CHRYSLER CANADA LTD.                  |               |
| 5R3562                  | 1978/06/13                                                                                               | PLAN REFERENCE                          |                                                         |                                       |                                       | C             |
| 5R3653                  | 1978/07/19                                                                                               | PLAN REFERENCE                          |                                                         |                                       |                                       | C             |

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\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

| REG. NUM. | DATE                | INSTRUMENT TYPE  | AMOUNT | PARTIES FROM                                                        | PARTIES TO                                          | CERT/<br>CHKD |
|-----------|---------------------|------------------|--------|---------------------------------------------------------------------|-----------------------------------------------------|---------------|
| NS21712   | 1978/07/21          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | CHRYSLER CREDIT CANADA LTD.                         |               |
|           | REMARKS: NS14531    |                  |        |                                                                     |                                                     |               |
| NS30144   | 1978/09/26          | SUBLEASE         |        | *** DELETED AGAINST THIS PROPERTY ***                               | PARKWAY CHRYSLER PLYMOUTH LTD.                      |               |
| NS33468   | 1978/10/24          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | CHRYSLER CREDIT CANADA LTD.                         |               |
|           | REMARKS: NS14531    |                  |        |                                                                     |                                                     |               |
| NS147091  | 1982/04/02          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | CHRYSLER CREDIT CANADA LTD.<br>CHRYSLER CANADA LTD. |               |
| NS147094  | 1982/04/02          | LEASE            |        | *** DELETED AGAINST THIS PROPERTY ***                               | CHRYSLER CANADA LTD.                                |               |
| NS243255  | 1984/06/08          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | ROYAL TRUST CORPORATION OF CANADA                   |               |
|           | REMARKS: NS147094   |                  |        |                                                                     |                                                     |               |
| N291634   | 1985/06/19          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | ROYAL TRUST CORPORATION OF CANADA                   |               |
|           | REMARKS: NS147093   |                  |        |                                                                     |                                                     |               |
| N545545   | 1990/08/08          | TRANSFER         |        | *** DELETED AGAINST THIS PROPERTY ***                               | RIMOSA INVESTMENTS LIMITED                          |               |
| N615753   | 1992/04/29          | NOTICE           |        | *** DELETED AGAINST THIS PROPERTY ***                               |                                                     |               |
| N615754   | 1992/04/29          | ASSIGNMENT LEASE |        | *** DELETED AGAINST THIS PROPERTY ***                               | BANK OF MONTREAL                                    |               |
| LT1035561 | 1997/04/01          | CHARGE           |        | *** DELETED AGAINST THIS PROPERTY ***<br>RIMOSA INVESTMENTS LIMITED | THE BANK OF NOVA SCOTIA                             |               |
| LT1112079 | 1998/03/27          | NOTICE OF LEASE  |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED            | CHRYSLER CANADA LTD.                                |               |
| LT1142380 | 1998/08/14          | NOTICE           |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED            | CHRYSLER CANADA LIMITED                             |               |
|           | REMARKS: LT1112079. |                  |        |                                                                     |                                                     |               |
| OC1135995 | 2010/07/16          | NOTICE           |        | HER MAJESTY THE QUEEN IN RIGHT OF CANADA                            |                                                     | C             |

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\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

| REG. NUM. | DATE       | INSTRUMENT TYPE                    | AMOUNT | PARTIES FROM                                             | PARTIES TO | CERT/<br>CHKD |
|-----------|------------|------------------------------------|--------|----------------------------------------------------------|------------|---------------|
|           |            | REMARKS: AIRPORT ZONING REGULATION |        |                                                          |            |               |
| OC2430806 | 2021/12/01 | DISCH OF CHARGE                    |        | *** COMPLETELY DELETED ***<br>THE BANK OF NOVA SCOTIA    |            |               |
|           |            | REMARKS: LT1035561.                |        |                                                          |            |               |
| OC2435289 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF CR602796      |        |                                                          |            |               |
| OC2435290 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF CR721634      |        |                                                          |            |               |
| OC2435291 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF CR721635      |        |                                                          |            |               |
| OC2435292 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETING NS14531          |        |                                                          |            |               |
| OC2435293 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF NS21712       |        |                                                          |            |               |
| OC2435294 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF NS30144       |        |                                                          |            |               |
| OC2435295 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF NS33468       |        |                                                          |            |               |
| OC2435296 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF NS147091      |        |                                                          |            |               |
| OC2435297 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |
|           |            | REMARKS: DELETION OF NS147094      |        |                                                          |            |               |
| OC2435298 | 2021/12/14 | APL (GENERAL)                      |        | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED |            |               |

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\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

| REG. NUM. | DATE       | INSTRUMENT TYPE   | AMOUNT       | PARTIES FROM                                              | PARTIES TO                                           | CERT/<br>CHKD |
|-----------|------------|-------------------|--------------|-----------------------------------------------------------|------------------------------------------------------|---------------|
| OC2435299 | 2021/12/14 | APL (GENERAL)     |              | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED  |                                                      |               |
| OC2435300 | 2021/12/14 | APL (GENERAL)     |              | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED  |                                                      |               |
| OC2435301 | 2021/12/14 | APL (GENERAL)     |              | *** COMPLETELY DELETED ***<br>RIMOSA INVESTEMENTS LIMITED |                                                      |               |
| OC2435302 | 2021/12/14 | APL (GENERAL)     |              | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED  |                                                      |               |
| OC2435303 | 2021/12/14 | APL (GENERAL)     |              | *** COMPLETELY DELETED ***<br>RIMOSA INVESTMENTS LIMITED  |                                                      |               |
| OC2473014 | 2022/03/31 | TRANSFER          | \$24,200,000 | RIMOSA INVESTMENTS LIMITED                                | 1047 RICHMOND NOMINEE INC.                           | C             |
| OC2473015 | 2022/03/31 | CHARGE            | \$17,500,000 | 1047 RICHMOND NOMINEE INC.                                | DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY | C             |
| OC2473016 | 2022/03/31 | NO ASSGN RENT GEN |              | 1047 RICHMOND NOMINEE INC.                                | DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY | C             |

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## **APPENDIX IV**

### **DIRECTORY SEARCH**





# CITY DIRECTORY

**Project Property:** *1047 Richmond Road, Ottawa, Ontario*  
**Report Type:** *City Directory*  
**Order No:** *21083000552*  
**Information Source:** *Vernon's Ottawa & Area, City Directory*  
**Date Completed:** *2021/09/20*

***\*\*Note addendum regarding documentation results\*\****



|                                    |                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                                                                                                                                                         |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                                                                                                                     |
|                                    |                                                                                                                                                                         |
| <b>Year:</b> 2011                  |                                                                                                                                                                         |
|                                    |                                                                                                                                                                         |
| <b>Site Listing:</b>               | -Metro Chrysler Dodge Jeep                                                                                                                                              |
|                                    |                                                                                                                                                                         |
| <b>Adjacent Properties:</b>        |                                                                                                                                                                         |
|                                    |                                                                                                                                                                         |
| <b>Richmond Road (945-1145)</b>    | <p>-All Residential</p> <p>955-Ottawa Honda</p> <p>-Kaysush Dev.</p> <p>979-Tops Car Wash</p> <p>993-Tim Hortons</p> <p><i>-Information Inaccessible: 1046-1145</i></p> |
|                                    |                                                                                                                                                                         |
| <b>Allison Avenue (180-240)</b>    | <p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>                                                                                                |
|                                    |                                                                                                                                                                         |
| <b>Ambleside Drive (1070-1090)</b> | <p>1071-Multi Tenant Residential</p> <p>-Parkway Tuck Shop</p>                                                                                                          |



|                                                                                                            |                                                                                       |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> |                                                                                       |
|                                                                                                            |                                                                                       |
| <b>Ancaster Avenue (175-225)</b>                                                                           | -All Residential<br><br>208-Positive Punch<br><br>212-Frank's Roofing & Snow Removing |
|                                                                                                            |                                                                                       |
| <b>Anthony Avenue (1995-2215)</b>                                                                          | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>                   |
|                                                                                                            |                                                                                       |
| <b>Byron Avenue (1100-1240)</b>                                                                            | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                   |
|                                                                                                            |                                                                                       |
| <b>Compton Avenue (170-200)</b>                                                                            | -All Residential                                                                      |
|                                                                                                            |                                                                                       |
| <b>Harcourt Avenue (195-250)</b>                                                                           | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                     |
|                                                                                                            |                                                                                       |
| <b>Hartleigh Avenue (230-245)</b>                                                                          | <i>-Information Inaccessible</i>                                                      |
|                                                                                                            |                                                                                       |
| <b>Joanne Avenue (All)</b>                                                                                 | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>        |



|                                                                                                                                                   |                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>Midway Avenue (2265-2305)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                                                                                |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>New Orchard Avenue (All)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- Multi Tenant Residential<br><br>-Extendicare New Orchard Lodge<br><br>100- Res (2 Tenants)<br><br>-Gill AS<br><br>108- Multi Tenant Residential<br><br>118- Res (3 Tenants) |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>New Orchard Avenue North (All)</b>                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                                                                                       |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>Pooler Avenue (90-110)</b>                                                                                                                     | -All Residential<br><br><br><i>-Information Inaccessible: 101-110</i>                                                                                                           |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>Richardson Avenue (225-400)</b>                                                                                                                | <i>-Information Inaccessible</i>                                                                                                                                                |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>Woodland Avenue (205-265)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                                                                                |
|                                                                                                                                                   |                                                                                                                                                                                 |
| <b>150 Woodroffe Avenue</b>                                                                                                                       | <i>-Hulse Playfair &amp; McGarry</i>                                                                                                                                            |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year:</b> 2005-2007             |                                     |
|                                    |                                     |



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| <b>Site Listing:</b>                                                                                                                                 | -Metro Chrysler Dodge Jeep<br>-Metro Leasing                                                                                                                                                              |
|                                                                                                                                                      |                                                                                                                                                                                                           |
| <b>Adjacent Properties:</b>                                                                                                                          |                                                                                                                                                                                                           |
|                                                                                                                                                      |                                                                                                                                                                                                           |
| <b>Richmond Road (945-1145)</b>                                                                                                                      | -All Residential<br><br>945-Cash Flow Recoveries Inc.<br><br>955-Ottawa Honda<br><br>-Kaysush Dev.<br><br>975-Mexicali Rosa's<br><br>979-Tops Car Wash<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                                                                                                                                      |                                                                                                                                                                                                           |
| <b>Allison Avenue (180-240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>                                                                                                                                         |
|                                                                                                                                                      |                                                                                                                                                                                                           |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Multi Tenant Residential<br><br>-Parkway Tuck Shop<br><br>-Hair Duo                                                                                                                                  |
|                                                                                                                                                      |                                                                                                                                                                                                           |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -All Residential<br><br><br>208-Positive Punch                                                                                                                                                            |



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|                                   |                                                                                                    |
| <b>Anthony Avenue (1995-2215)</b> | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>                                |
|                                   |                                                                                                    |
| <b>Byron Avenue (1100-1240)</b>   | -All Residential<br><br>1162-Havlin Photography<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                   |                                                                                                    |
| <b>Compton Avenue (170-200)</b>   | -All Residential                                                                                   |
|                                   |                                                                                                    |
| <b>Harcourt Avenue (195-250)</b>  | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                  |
|                                   |                                                                                                    |
| <b>Hartleigh Avenue (230-245)</b> | <i>-Information Inaccessible</i>                                                                   |
|                                   |                                                                                                    |
| <b>Joanne Avenue (All)</b>        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                     |
|                                   |                                                                                                    |
| <b>Midway Avenue (2265-2305)</b>  | <i>-Information Inaccessible</i>                                                                   |
|                                   |                                                                                                    |
| <b>New Orchard Avenue (All)</b>   | 99- Multi Tenant Residential<br><br>-Extendicare New Orchard Lodge                                 |



|                                                                                                            |                                                                                                      |
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| <b>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</b> | 100- Res (1 Tenant)<br><br>-Gill AS<br><br>108- Multi Tenant Residential<br><br>118- Res (4 Tenants) |
|                                                                                                            |                                                                                                      |
| <b>New Orchard Avenue North (All)</b>                                                                      | <i>-Information Inaccessible: 226-240</i>                                                            |
|                                                                                                            |                                                                                                      |
| <b>Pooler Avenue (90-110)</b>                                                                              | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                    |
|                                                                                                            |                                                                                                      |
| <b>Richardson Avenue (225-400)</b>                                                                         | <i>-Information Inaccessible</i>                                                                     |
|                                                                                                            |                                                                                                      |
| <b>Woodland Avenue (205-265)</b>                                                                           | <i>-Information Inaccessible</i>                                                                     |
|                                                                                                            |                                                                                                      |
| <b>150 Woodroffe Avenue</b>                                                                                | -Hulse Playfair & McGarry                                                                            |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER: 21083000552</b> |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year: 2000-2002</b>             |                                     |
|                                    |                                     |
| <b>Site Listing:</b>               | -Address Not Listed                 |
|                                    |                                     |
| <b>Adjacent Properties:</b>        |                                     |
|                                    |                                     |
| <b>Richmond Road (945-1145)</b>    | -All Residential                    |



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|                                                                                                                                                             | <p>955-Ottawa Honda</p> <p>-Kaysush Dev.</p> <p>965-MMC Ottawa Tours</p> <p>975-Mexicali Rosa's</p> <p>979-Tops Car Wash</p> <p>993-Tim Hortons</p> <p><i>-Information Inaccessible: 1046-1145</i></p> |
|                                                                                                                                                             |                                                                                                                                                                                                        |
| <b>Allison Avenue (180-240)</b>                                                                                                                             | <p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>                                                                                                                               |
|                                                                                                                                                             |                                                                                                                                                                                                        |
| <b>Ambleside Drive (1070-1090)</b><br><br><p><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i></p> | <p>1071-Multi Tenant Residential</p> <p>-Parkway Tuck Shop</p> <p>-Hair Duo</p>                                                                                                                        |
|                                                                                                                                                             |                                                                                                                                                                                                        |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                            | -All Residential                                                                                                                                                                                       |
|                                                                                                                                                             |                                                                                                                                                                                                        |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                           | <p>-All Residential</p> <p><i>-Information Inaccessible: 2211-2215</i></p>                                                                                                                             |
|                                                                                                                                                             |                                                                                                                                                                                                        |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                             | -All Residential                                                                                                                                                                                       |



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|                                                                                                                                                   | <i>-Information Inaccessible: 1181-1240</i>                                                                                                                              |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Compton Avenue (170-200)</b>                                                                                                                   | -All Residential                                                                                                                                                         |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                  | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                                                                                        |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                 | <i>-Information Inaccessible</i>                                                                                                                                         |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Joanne Avenue (All)</b>                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                                                                           |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Midway Avenue (2265-2305)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                                                                         |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>New Orchard Avenue (All)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- Multi Tenant Residential<br><br>-Extendicare New Orchard Lodge<br><br>100- Res (2 Tenants)<br><br>108- Multi Tenant Residential<br><br>118- Multi Tenant Residential |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>New Orchard Avenue North (All)</b>                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                                                                                |
|                                                                                                                                                   |                                                                                                                                                                          |
| <b>Pooler Avenue (90-110)</b>                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                                                                                        |



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|                                    |                                  |
| <b>Richardson Avenue (225-400)</b> | <i>-Information Inaccessible</i> |
|                                    |                                  |
| <b>Woodland Avenue (205-265)</b>   | <i>-Information Inaccessible</i> |
|                                    |                                  |
| <b>150 Woodroffe Avenue</b>        | -Hulse Playfair & McGarry        |

|                                    |                                                                                                                                                                                   |
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| <b>PROJECT NUMBER: 21083000552</b> |                                                                                                                                                                                   |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                                                                                                                               |
|                                    |                                                                                                                                                                                   |
| <b>Year: 1995-1997</b>             |                                                                                                                                                                                   |
|                                    |                                                                                                                                                                                   |
| <b>Site Listing:</b>               | -Metro Plymouth Chrysler<br>-Metro Rental & Leasing                                                                                                                               |
|                                    |                                                                                                                                                                                   |
| <b>Adjacent Properties:</b>        |                                                                                                                                                                                   |
|                                    |                                                                                                                                                                                   |
| <b>Richmond Road (945-1145)</b>    | -All Residential<br><br>945-Hair Salon<br>-Prime Cut Foods<br>955-Ottawa Honda<br>971-Can Federal Systems<br>979-Tops Car Wash<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                                                                                                                                   |



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| <b>Allison Avenue (180-240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>                                        |
|                                                                                                                                                      |                                                                                                          |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Multi Tenant Residential<br><br>-Towers Tuck Shop<br><br>-Hair Duo<br><br>-McLean Insurance Brokers |
|                                                                                                                                                      |                                                                                                          |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -All Residential                                                                                         |
|                                                                                                                                                      |                                                                                                          |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                    | -All Residential<br><br><br><br><i>-Information Inaccessible: 2211-2215</i>                              |
|                                                                                                                                                      |                                                                                                          |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                      | -All Residential<br><br><br><br><i>-Information Inaccessible: 1181-1240</i>                              |
|                                                                                                                                                      |                                                                                                          |
| <b>Compton Avenue (170-200)</b>                                                                                                                      | -All Residential                                                                                         |
|                                                                                                                                                      |                                                                                                          |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                     | -All Residential<br><br><br><br><i>-Information Inaccessible: 221-250</i>                                |
|                                                                                                                                                      |                                                                                                          |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                    | <i>-Information Inaccessible</i>                                                                         |
|                                                                                                                                                      |                                                                                                          |



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| Joanne Avenue (All)                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                                                                          |
|                                                                                                                                            |                                                                                                                                                                         |
| Midway Avenue (2265-2305)                                                                                                                  | <i>-Information Inaccessible</i>                                                                                                                                        |
|                                                                                                                                            |                                                                                                                                                                         |
| New Orchard Avenue (All)<br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- Multi Tenant Residential<br><br>-Extendicare New Orchard Lodge<br><br>100- Res (1 Tenant)<br><br>108- Multi Tenant Residential<br><br>118- Multi Tenant Residential |
|                                                                                                                                            |                                                                                                                                                                         |
| New Orchard Avenue North (All)                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                                                                               |
|                                                                                                                                            |                                                                                                                                                                         |
| Pooler Avenue (90-110)                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                                                                                       |
|                                                                                                                                            |                                                                                                                                                                         |
| Richardson Avenue (225-400)                                                                                                                | <i>-Information Inaccessible</i>                                                                                                                                        |
|                                                                                                                                            |                                                                                                                                                                         |
| Woodland Avenue (205-265)                                                                                                                  | <i>-Information Inaccessible</i>                                                                                                                                        |
|                                                                                                                                            |                                                                                                                                                                         |
| 150 Woodroffe Avenue                                                                                                                       | -Residential, or Unlisted                                                                                                                                               |

|                             |                                     |
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| PROJECT NUMBER: 21083000552 |                                     |
| Site Address:               | 1047 Richmond Road, Ottawa, Ontario |
|                             |                                     |



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| <b>Year: 1990-1992</b>                                                                                                                               |                                                                                                                                                                        |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Site Listing:</b>                                                                                                                                 | -Metro Plymouth Chrysler                                                                                                                                               |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Adjacent Properties:</b>                                                                                                                          |                                                                                                                                                                        |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Richmond Road (945-1145)</b>                                                                                                                      | -All Residential<br><br>945-Fishburn Roofing Sciences Group<br><br>971-Can Federal Systems<br><br>979-Tops Car Wash<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Allison Avenue (180-240)</b>                                                                                                                      | -All Residential<br><br><br><i>-Information Inaccessible: 226-240</i>                                                                                                  |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Multi Tenant Residential<br><br>-Parkway Towers Tuck Shop<br><br>-Joan's Beauty Salon<br><br>-Cameron Insurance Brokers                                           |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -All Residential                                                                                                                                                       |
|                                                                                                                                                      |                                                                                                                                                                        |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                    | -All Residential                                                                                                                                                       |



|                                       |                                                                                                                                                                    |
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|                                       | <i>-Information Inaccessible: 2211-2215</i>                                                                                                                        |
|                                       |                                                                                                                                                                    |
| <b>Byron Avenue (1100-1240)</b>       | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                                                                                                |
|                                       |                                                                                                                                                                    |
| <b>Compton Avenue (170-200)</b>       | -All Residential                                                                                                                                                   |
|                                       |                                                                                                                                                                    |
| <b>Harcourt Avenue (195-250)</b>      | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                                                                                  |
|                                       |                                                                                                                                                                    |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                                                                                                   |
|                                       |                                                                                                                                                                    |
| <b>Joanne Avenue (All)</b>            | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                                                                     |
|                                       |                                                                                                                                                                    |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                                                                                                   |
|                                       |                                                                                                                                                                    |
| <b>New Orchard Avenue (All)</b>       | 99- Multi Tenant Residential<br><br>-New Orchard Lodge Nursing Home<br><br>100- Res (1 Tenant)<br><br>108- Multi Tenant Residential<br><br>118- Address Not Listed |
|                                       |                                                                                                                                                                    |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                                                                                                          |



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| <b>Pooler Avenue (90-110)</b>      | -All Residential<br><br><i>-Information Inaccessible: 101-110</i> |
|                                    |                                                                   |
| <b>Richardson Avenue (225-400)</b> | <i>-Information Inaccessible</i>                                  |
|                                    |                                                                   |
| <b>Woodland Avenue (205-265)</b>   | <i>-Information Inaccessible</i>                                  |
|                                    |                                                                   |
| <b>150 Woodroffe Avenue</b>        | -Residential, or Unlisted                                         |

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| <b>PROJECT NUMBER: 21083000552</b> |                                                                                                                                                |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                                                                                            |
|                                    |                                                                                                                                                |
| <b>Year: 1984-1987</b>             |                                                                                                                                                |
|                                    |                                                                                                                                                |
| <b>Site Listing:</b>               | -Metro Plymouth Chrysler                                                                                                                       |
|                                    |                                                                                                                                                |
| <b>Adjacent Properties:</b>        |                                                                                                                                                |
|                                    |                                                                                                                                                |
| <b>Richmond Road (945-1145)</b>    | -All Residential<br><br>945-Hair Salon<br><br>947-Anderson Techno Products<br><br>959-Law Office<br><br>965-Lindenhof Rest<br><br>-Ecolab Ltd. |



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|                                                                                                                                                        | 971-Can Federal Systems<br>975-Zorro Rest<br>979-Tops Car Wash<br>993-Vittoria's Café<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Allison Avenue (180-240)</b>                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>                                                                        |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/> information on addresses not listed is<br/> currently inaccessible</i> | 1071-Multi Tenant Residential<br><br>-Parkway Towers Tuck Shop                                                                           |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                       | -All Residential                                                                                                                         |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>                                                                      |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                                                                      |
|                                                                                                                                                        |                                                                                                                                          |
| <b>Compton Avenue (170-200)</b>                                                                                                                        | -All Residential                                                                                                                         |



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|                                                                                                                                                   |                                                                                                                             |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                  | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                                           |
|                                                                                                                                                   |                                                                                                                             |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                 | <i>-Information Inaccessible</i>                                                                                            |
|                                                                                                                                                   |                                                                                                                             |
| <b>Joanne Avenue (All)</b>                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                              |
|                                                                                                                                                   |                                                                                                                             |
| <b>Midway Avenue (2265-2305)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                            |
|                                                                                                                                                   |                                                                                                                             |
| <b>New Orchard Avenue (All)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- New Orchard Lodge Nursing Home<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed<br><br>118- Address Not Listed |
|                                                                                                                                                   |                                                                                                                             |
| <b>New Orchard Avenue North (All)</b>                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                                   |
|                                                                                                                                                   |                                                                                                                             |
| <b>Pooler Avenue (90-110)</b>                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                                           |
|                                                                                                                                                   |                                                                                                                             |
| <b>Richardson Avenue (225-400)</b>                                                                                                                | <i>-Information Inaccessible</i>                                                                                            |
|                                                                                                                                                   |                                                                                                                             |



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|----------------------------------|----------------------------------|
| <b>Woodland Avenue (205-265)</b> | <i>-Information Inaccessible</i> |
|                                  |                                  |
| <b>150 Woodroffe Avenue</b>      | -Residential, or Unlisted        |

|                                    |                                                                                                                                                                                                                                                                                                                                                    |
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| <b>PROJECT NUMBER: 21083000552</b> |                                                                                                                                                                                                                                                                                                                                                    |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                                                                                                                                                                                                                                                                                                |
|                                    |                                                                                                                                                                                                                                                                                                                                                    |
| <b>Year: 1979-1982</b>             |                                                                                                                                                                                                                                                                                                                                                    |
|                                    |                                                                                                                                                                                                                                                                                                                                                    |
| <b>Site Listing:</b>               | -Parkway Plymouth Chrysler                                                                                                                                                                                                                                                                                                                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                    |
| <b>Adjacent Properties:</b>        |                                                                                                                                                                                                                                                                                                                                                    |
|                                    |                                                                                                                                                                                                                                                                                                                                                    |
| <b>Richmond Road (945-1145)</b>    | <p>-All Residential</p> <p>945-Hair Salon</p> <p>-Dutch Groceries &amp; Imports</p> <p>-Florence Ladies Wear</p> <p>947-Grierson Race &amp; Rally</p> <p>955-Viscount Builders</p> <p>965-Lindenhof Rest</p> <p>971-Can Federal Systems</p> <p>979-Tops Car Wash</p> <p>993-Palmer Cleaners</p> <p><i>-Information Inaccessible: 1046-1145</i></p> |
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| <b>Allison Avenue (180-240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>                     |
|                                                                                                                                                      |                                                                                       |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Multi Tenant Residential<br><br>-Parkway Towers Tuck Shop<br><br>-Salon Margaret |
|                                                                                                                                                      |                                                                                       |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -All Residential                                                                      |
|                                                                                                                                                      |                                                                                       |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                    | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>                   |
|                                                                                                                                                      |                                                                                       |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                   |
|                                                                                                                                                      |                                                                                       |
| <b>Compton Avenue (170-200)</b>                                                                                                                      | -All Residential                                                                      |
|                                                                                                                                                      |                                                                                       |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                     |
|                                                                                                                                                      |                                                                                       |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                    | <i>-Information Inaccessible</i>                                                      |
|                                                                                                                                                      |                                                                                       |



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| Joanne Avenue (All)                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                           |
|                                                                                                                                            |                                                                                                                          |
| Midway Avenue (2265-2305)                                                                                                                  | <i>-Information Inaccessible</i>                                                                                         |
|                                                                                                                                            |                                                                                                                          |
| New Orchard Avenue (All)<br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- New Orchard Lodge Nursing Home<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed<br><br>118- Res (2 Tenants) |
|                                                                                                                                            |                                                                                                                          |
| New Orchard Avenue North (All)                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                                |
|                                                                                                                                            |                                                                                                                          |
| Pooler Avenue (90-110)                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                                        |
|                                                                                                                                            |                                                                                                                          |
| Richardson Avenue (225-400)                                                                                                                | <i>-Information Inaccessible</i>                                                                                         |
|                                                                                                                                            |                                                                                                                          |
| Woodland Avenue (205-265)                                                                                                                  | <i>-Information Inaccessible</i>                                                                                         |
|                                                                                                                                            |                                                                                                                          |
| 150 Woodroffe Avenue                                                                                                                       | -Residential, or Unlisted                                                                                                |

|                             |                                     |
|-----------------------------|-------------------------------------|
| PROJECT NUMBER: 21083000552 |                                     |
| Site Address:               | 1047 Richmond Road, Ottawa, Ontario |
|                             |                                     |



|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Year: 1974-1976</b>                                                                                                                               |                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Site Listing:</b>                                                                                                                                 | -Parkway Plymouth Chrysler                                                                                                                                                                                                                                                                 |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Adjacent Properties:</b>                                                                                                                          |                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Richmond Road (945-1145)</b>                                                                                                                      | <p>-All Residential</p> <p>945-Hair Salon</p> <p>-Dutch Groceries &amp; Imports</p> <p>-Florence Ladies Wear</p> <p>955-Can Resort Real Estate</p> <p>965-Chicken Delight Rest</p> <p>971-Spindler's Furn.</p> <p>979-Tops Car Wash</p> <p><i>-Information Inaccessible: 1046-1145</i></p> |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Allison Avenue (180-240)</b>                                                                                                                      | <p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>                                                                                                                                                                                                                   |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | <p>1071-Multi Tenant Residential</p> <p>-Parkway Towers Tuck Shop</p> <p>-Parkway Towers Beauty Salon</p>                                                                                                                                                                                  |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |



|                                   |                                                                                              |
|-----------------------------------|----------------------------------------------------------------------------------------------|
| <b>Ancaster Avenue (175-225)</b>  | -All Residential                                                                             |
|                                   |                                                                                              |
| <b>Anthony Avenue (1995-2215)</b> | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>                          |
|                                   |                                                                                              |
| <b>Byron Avenue (1100-1240)</b>   | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                          |
|                                   |                                                                                              |
| <b>Compton Avenue (170-200)</b>   | -All Residential                                                                             |
|                                   |                                                                                              |
| <b>Harcourt Avenue (195-250)</b>  | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                            |
|                                   |                                                                                              |
| <b>Hartleigh Avenue (230-245)</b> | <i>-Information Inaccessible</i>                                                             |
|                                   |                                                                                              |
| <b>Joanne Avenue (All)</b>        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>               |
|                                   |                                                                                              |
| <b>Midway Avenue (2265-2305)</b>  | <i>-Information Inaccessible</i>                                                             |
|                                   |                                                                                              |
| <b>New Orchard Avenue (All)</b>   | 99- New Orchard Lodge Nursing Home<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed |



|                                                                                                            |                                                                   |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</b> | 118- Res (2 Tenants)                                              |
|                                                                                                            |                                                                   |
| <b>New Orchard Avenue North (All)</b>                                                                      | <i>-Information Inaccessible: 226-240</i>                         |
|                                                                                                            |                                                                   |
| <b>Pooler Avenue (90-110)</b>                                                                              | -All Residential<br><br><i>-Information Inaccessible: 101-110</i> |
|                                                                                                            |                                                                   |
| <b>Richardson Avenue (225-400)</b>                                                                         | <i>-Information Inaccessible</i>                                  |
|                                                                                                            |                                                                   |
| <b>Woodland Avenue (205-265)</b>                                                                           | <i>-Information Inaccessible</i>                                  |
|                                                                                                            |                                                                   |
| <b>150 Woodroffe Avenue</b>                                                                                | -Residential, or Unlisted                                         |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER: 21083000552</b> |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year: 1969-1971</b>             |                                     |
|                                    |                                     |
| <b>Site Listing:</b>               | -Parkway Plymouth Chrysler          |
|                                    |                                     |
| <b>Adjacent Properties:</b>        |                                     |
|                                    |                                     |
| <b>Richmond Road (945-1145)</b>    | -All Residential                    |







|                                                                                                            |                                                                                                                          |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Compton Avenue (170-200)</b>                                                                            | -All Residential                                                                                                         |
|                                                                                                            |                                                                                                                          |
| <b>Harcourt Avenue (195-250)</b>                                                                           | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                                        |
|                                                                                                            |                                                                                                                          |
| <b>Hartleigh Avenue (230-245)</b>                                                                          | <i>-Information Inaccessible</i>                                                                                         |
|                                                                                                            |                                                                                                                          |
| <b>Joanne Avenue (All)</b>                                                                                 | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                           |
|                                                                                                            |                                                                                                                          |
| <b>Midway Avenue (2265-2305)</b>                                                                           | <i>-Information Inaccessible</i>                                                                                         |
|                                                                                                            |                                                                                                                          |
| <b>New Orchard Avenue (All)</b>                                                                            | 99- New Orchard Lodge Nursing Home<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed<br><br>118- Res (2 Tenants) |
| <i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> |                                                                                                                          |
|                                                                                                            |                                                                                                                          |
| <b>New Orchard Avenue North (All)</b>                                                                      | <i>-Information Inaccessible: 226-240</i>                                                                                |
|                                                                                                            |                                                                                                                          |
| <b>Pooler Avenue (90-110)</b>                                                                              | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                                        |
|                                                                                                            |                                                                                                                          |
| <b>Richardson Avenue (225-400)</b>                                                                         | <i>-Information Inaccessible</i>                                                                                         |



|                                  |                                  |
|----------------------------------|----------------------------------|
|                                  |                                  |
| <b>Woodland Avenue (205-265)</b> | <i>-Information Inaccessible</i> |
|                                  |                                  |
| <b>150 Woodroffe Avenue</b>      | -Residential, or Unlisted        |

|                                    |                                                                                                    |
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| <b>PROJECT NUMBER: 21083000552</b> |                                                                                                    |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                                                |
|                                    |                                                                                                    |
| <b>Year: 1965</b>                  |                                                                                                    |
|                                    |                                                                                                    |
| <b>Site Listing:</b>               | -Parkway Plymouth Chrysler                                                                         |
|                                    |                                                                                                    |
| <b>Adjacent Properties:</b>        |                                                                                                    |
|                                    |                                                                                                    |
| <b>Richmond Road (945-1145)</b>    | -All Residential<br><br>993-A & W Drive-In Rest<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                                                    |
| <b>Allison Avenue (180-240)</b>    | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>                                  |
|                                    |                                                                                                    |
| <b>Ambleside Drive (1070-1090)</b> | 1071-Multi Tenant Residential                                                                      |



|                                                                                                            |                                                                                |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> |                                                                                |
|                                                                                                            |                                                                                |
| <b>Ancaster Avenue (175-225)</b>                                                                           | -All Residential                                                               |
|                                                                                                            |                                                                                |
| <b>Anthony Avenue (1995-2215)</b>                                                                          | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i>            |
|                                                                                                            |                                                                                |
| <b>Byron Avenue (1100-1240)</b>                                                                            | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>            |
|                                                                                                            |                                                                                |
| <b>Compton Avenue (170-200)</b>                                                                            | -All Residential                                                               |
|                                                                                                            |                                                                                |
| <b>Harcourt Avenue (195-250)</b>                                                                           | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>              |
|                                                                                                            |                                                                                |
| <b>Hartleigh Avenue (230-245)</b>                                                                          | <i>-Information Inaccessible</i>                                               |
|                                                                                                            |                                                                                |
| <b>Joanne Avenue (All)</b>                                                                                 | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                                                                                            |                                                                                |
| <b>Midway Avenue (2265-2305)</b>                                                                           | <i>-Information Inaccessible</i>                                               |
|                                                                                                            |                                                                                |



|                                       |                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>New Orchard Avenue (All)</b>       | 99- Address Not Listed<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed<br><br>118- Address Not Listed |
|                                       |                                                                                                                 |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                                                       |
|                                       |                                                                                                                 |
| <b>Pooler Avenue (90-110)</b>         | -All Residential<br><br><br><br><i>-Information Inaccessible: 101-110</i>                                       |
|                                       |                                                                                                                 |
| <b>Richardson Avenue (225-400)</b>    | <i>-Information Inaccessible</i>                                                                                |
|                                       |                                                                                                                 |
| <b>Woodland Avenue (205-265)</b>      | <i>-Information Inaccessible</i>                                                                                |
|                                       |                                                                                                                 |
| <b>150 Woodroffe Avenue</b>           | -Residential, or Unlisted                                                                                       |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER: 21083000552</b> |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year: 1959-1961</b>             |                                     |
|                                    |                                     |
| <b>Site Listing:</b>               | -Address Not Listed                 |
|                                    |                                     |
| <b>Adjacent Properties:</b>        |                                     |
|                                    |                                     |



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| <b>Richmond Road (945-1145)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                                                                                                                                      |                                                                     |
| <b>Allison Avenue (180-240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>   |
|                                                                                                                                                      |                                                                     |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Address Not Listed                                             |
|                                                                                                                                                      |                                                                     |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -All Residential                                                    |
|                                                                                                                                                      |                                                                     |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                    | -All Residential<br><br><i>-Information Inaccessible: 2211-2215</i> |
|                                                                                                                                                      |                                                                     |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                      | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                                                                                                                                      |                                                                     |
| <b>Compton Avenue (170-200)</b>                                                                                                                      | -All Residential                                                    |
|                                                                                                                                                      |                                                                     |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                     | -All Residential                                                    |



|                                                                                                                                                   |                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                   | <i>-Information Inaccessible: 221-250</i>                                                                       |
|                                                                                                                                                   |                                                                                                                 |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                 | <i>-Information Inaccessible</i>                                                                                |
|                                                                                                                                                   |                                                                                                                 |
| <b>Joanne Avenue (All)</b>                                                                                                                        | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                  |
|                                                                                                                                                   |                                                                                                                 |
| <b>Midway Avenue (2265-2305)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                |
|                                                                                                                                                   |                                                                                                                 |
| <b>New Orchard Avenue (All)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- Address Not Listed<br><br>100- Res (1 Tenant)<br><br>108- Address Not Listed<br><br>118- Address Not Listed |
|                                                                                                                                                   |                                                                                                                 |
| <b>New Orchard Avenue North (All)</b>                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                       |
|                                                                                                                                                   |                                                                                                                 |
| <b>Pooler Avenue (90-110)</b>                                                                                                                     | -All Residential<br><br><i>-Information Inaccessible: 101-110</i>                                               |
|                                                                                                                                                   |                                                                                                                 |
| <b>Richardson Avenue (225-400)</b>                                                                                                                | <i>-Information Inaccessible</i>                                                                                |
|                                                                                                                                                   |                                                                                                                 |
| <b>Woodland Avenue (205-265)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                |
|                                                                                                                                                   |                                                                                                                 |
| <b>150 Woodroffe Avenue</b>                                                                                                                       | -Residential, or Unlisted                                                                                       |



|                                                                                                            |                                                                     |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552                                                                         |                                                                     |
| <b>Site Address:</b>                                                                                       | 1047 Richmond Road, Ottawa, Ontario                                 |
|                                                                                                            |                                                                     |
| <b>Year:</b> 1954-1956                                                                                     |                                                                     |
|                                                                                                            |                                                                     |
| <b>Site Listing:</b>                                                                                       | -Address Not Listed                                                 |
|                                                                                                            |                                                                     |
| <b>Adjacent Properties:</b>                                                                                |                                                                     |
|                                                                                                            |                                                                     |
| <b>Richmond Road (945-1145)</b>                                                                            | -All Residential<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                                                                                            |                                                                     |
| <b>Allison Avenue (180-240)</b>                                                                            | -All Residential<br><br><i>-Information Inaccessible: 226-240</i>   |
|                                                                                                            |                                                                     |
| <b>Ambleside Drive (1070-1090)</b>                                                                         | 1071-Address Not Listed                                             |
| <i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> |                                                                     |
|                                                                                                            |                                                                     |
| <b>Ancaster Avenue (175-225)</b>                                                                           | -All Residential                                                    |
|                                                                                                            |                                                                     |
| <b>Anthony Avenue (1995-2215)</b>                                                                          | -All Residential                                                    |
|                                                                                                            |                                                                     |



|                                       |                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|                                       | <i>-Information Inaccessible: 2211-2215</i>                                                                         |
|                                       |                                                                                                                     |
| <b>Byron Avenue (1100-1240)</b>       | -All Residential<br><br><i>-Information Inaccessible: 1181-1240</i>                                                 |
|                                       |                                                                                                                     |
| <b>Compton Avenue (170-200)</b>       | -All Residential                                                                                                    |
|                                       |                                                                                                                     |
| <b>Harcourt Avenue (195-250)</b>      | -All Residential<br><br><i>-Information Inaccessible: 221-250</i>                                                   |
|                                       |                                                                                                                     |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                                                    |
|                                       |                                                                                                                     |
| <b>Joanne Avenue (All)</b>            | -All Residential<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i>                                      |
|                                       |                                                                                                                     |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                                                    |
|                                       |                                                                                                                     |
| <b>New Orchard Avenue (All)</b>       | 99- Address Not Listed<br><br>100- Address Not Listed<br><br>108- Address Not Listed<br><br>118- Address Not Listed |
|                                       |                                                                                                                     |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                                                           |



|                                    |                                                                   |
|------------------------------------|-------------------------------------------------------------------|
|                                    |                                                                   |
| <b>Pooler Avenue (90-110)</b>      | -All Residential<br><br><i>-Information Inaccessible: 101-110</i> |
|                                    |                                                                   |
| <b>Richardson Avenue (225-400)</b> | <i>-Information Inaccessible</i>                                  |
|                                    |                                                                   |
| <b>Woodland Avenue (205-265)</b>   | <i>-Information Inaccessible</i>                                  |
|                                    |                                                                   |
| <b>150 Woodroffe Avenue</b>        | -Residential, or Unlisted                                         |

|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>PROJECT NUMBER: 21083000552</b> |                                                                               |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                           |
|                                    |                                                                               |
| <b>Year: 1949/1950</b>             |                                                                               |
|                                    |                                                                               |
| <b>Site Listing:</b>               | -Address Not Listed                                                           |
|                                    |                                                                               |
| <b>Adjacent Properties:</b>        |                                                                               |
|                                    |                                                                               |
| <b>Richmond Road (945-1145)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                               |
| <b>Allison Avenue (180-240)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 226-240</i>   |



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|                                                                                                                                                      |                                                                               |
| <b>Ambleside Drive (1070-1090)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 1071-Address Not Listed                                                       |
|                                                                                                                                                      |                                                                               |
| <b>Ancaster Avenue (175-225)</b>                                                                                                                     | -No Listings Within Radius                                                    |
|                                                                                                                                                      |                                                                               |
| <b>Anthony Avenue (1995-2215)</b>                                                                                                                    | -Street Not Listed<br><br><i>-Information Inaccessible: 2211-2215</i>         |
|                                                                                                                                                      |                                                                               |
| <b>Byron Avenue (1100-1240)</b>                                                                                                                      | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                                                                                                                                      |                                                                               |
| <b>Compton Avenue (170-200)</b>                                                                                                                      | -Street Not Listed                                                            |
|                                                                                                                                                      |                                                                               |
| <b>Harcourt Avenue (195-250)</b>                                                                                                                     | -No Listings Within Radius<br><br><i>-Information Inaccessible: 221-250</i>   |
|                                                                                                                                                      |                                                                               |
| <b>Hartleigh Avenue (230-245)</b>                                                                                                                    | <i>-Information Inaccessible</i>                                              |
|                                                                                                                                                      |                                                                               |
| <b>Joanne Avenue (All)</b>                                                                                                                           | -Street Not Listed                                                            |
|                                                                                                                                                      |                                                                               |
| <b>Midway Avenue (2265-2305)</b>                                                                                                                     | <i>-Information Inaccessible</i>                                              |



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|                                                                                                                                                   |                                                                                                                     |
| <b>New Orchard Avenue (All)</b><br><br><i>Single-address coverage only:<br/>information on addresses not listed is<br/>currently inaccessible</i> | 99- Address Not Listed<br><br>100- Address Not Listed<br><br>108- Address Not Listed<br><br>118- Address Not Listed |
|                                                                                                                                                   |                                                                                                                     |
| <b>New Orchard Avenue North (All)</b>                                                                                                             | <i>-Information Inaccessible: 226-240</i>                                                                           |
|                                                                                                                                                   |                                                                                                                     |
| <b>Pooler Avenue (90-110)</b>                                                                                                                     | -Street Not Listed<br><br><br><i>-Information Inaccessible: 101-110</i>                                             |
|                                                                                                                                                   |                                                                                                                     |
| <b>Richardson Avenue (225-400)</b>                                                                                                                | <i>-Information Inaccessible</i>                                                                                    |
|                                                                                                                                                   |                                                                                                                     |
| <b>Woodland Avenue (205-265)</b>                                                                                                                  | <i>-Information Inaccessible</i>                                                                                    |
|                                                                                                                                                   |                                                                                                                     |
| <b>150 Woodroffe Avenue</b>                                                                                                                       | -Address Not Listed                                                                                                 |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year:</b> 1946                  |                                     |
|                                    |                                     |
| <b>Site Listing:</b>               | <i>-Information Inaccessible</i>    |
|                                    |                                     |
| <b>Adjacent Properties:</b>        |                                     |



|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
|                                    |                                                                               |
| <b>Richmond Road (945-1145)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                               |
| <b>Allison Avenue (180-240)</b>    | -Street Not Listed<br><br><i>-Information Inaccessible: 226-240</i>           |
|                                    |                                                                               |
| <b>Ambleside Drive (1070-1090)</b> | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Ancaster Avenue (175-225)</b>   | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Anthony Avenue (1995-2215)</b>  | -Street Not Listed<br><br><i>-Information Inaccessible: 2211-2215</i>         |
|                                    |                                                                               |
| <b>Byron Avenue (1100-1240)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                    |                                                                               |
| <b>Compton Avenue (170-200)</b>    | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Harcourt Avenue (195-250)</b>   | -No Listings Within Radius<br><br><i>-Information Inaccessible: 221-250</i>   |
|                                    |                                                                               |



|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Joanne Avenue (All)</b>            | -Street Not Listed<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                       |                                                                                  |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue (All)</b>       | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                        |
|                                       |                                                                                  |
| <b>Pooler Avenue (90-110)</b>         | -Street Not Listed<br><br><i>-Information Inaccessible: 101-110</i>              |
|                                       |                                                                                  |
| <b>Richardson Avenue (225-400)</b>    | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Woodland Avenue (205-265)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>150 Woodroffe Avenue</b>           | -Address Not Listed                                                              |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |
|                                    |                                     |
| <b>Year:</b> 1941                  |                                     |
|                                    |                                     |



|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>Site Listing:</b>               | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Adjacent Properties:</b>        |                                                                               |
|                                    |                                                                               |
| <b>Richmond Road (945-1145)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                               |
| <b>Allison Avenue (180-240)</b>    | -Street Not Listed<br><br><i>-Information Inaccessible: 226-240</i>           |
|                                    |                                                                               |
| <b>Ambleside Drive (1070-1090)</b> | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Ancaster Avenue (175-225)</b>   | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Anthony Avenue (1995-2215)</b>  | -Street Not Listed<br><br><i>-Information Inaccessible: 2211-2215</i>         |
|                                    |                                                                               |
| <b>Byron Avenue (1100-1240)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                    |                                                                               |
| <b>Compton Avenue (170-200)</b>    | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Harcourt Avenue (195-250)</b>   | -No Listings Within Radius                                                    |



|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
|                                       | <i>-Information Inaccessible: 221-250</i>                                        |
|                                       |                                                                                  |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Joanne Avenue (All)</b>            | -Street Not Listed<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                       |                                                                                  |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue (All)</b>       | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                        |
|                                       |                                                                                  |
| <b>Pooler Avenue (90-110)</b>         | -Street Not Listed<br><br><i>-Information Inaccessible: 101-110</i>              |
|                                       |                                                                                  |
| <b>Richardson Avenue (225-400)</b>    | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Woodland Avenue (205-265)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>150 Woodroffe Avenue</b>           | -Address Not Listed                                                              |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                     |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario |



|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
|                                    |                                                                               |
| <b>Year: 1935</b>                  |                                                                               |
|                                    |                                                                               |
| <b>Site Listing:</b>               | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Adjacent Properties:</b>        |                                                                               |
|                                    |                                                                               |
| <b>Richmond Road (945-1145)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                               |
| <b>Allison Avenue (180-240)</b>    | -Street Not Listed<br><br><i>-Information Inaccessible: 226-240</i>           |
|                                    |                                                                               |
| <b>Ambleside Drive (1070-1090)</b> | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Ancaster Avenue (175-225)</b>   | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Anthony Avenue (1995-2215)</b>  | -Street Not Listed<br><br><i>-Information Inaccessible: 2211-2215</i>         |
|                                    |                                                                               |
| <b>Byron Avenue (1100-1240)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1181-1240</i> |
|                                    |                                                                               |



|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| <b>Compton Avenue (170-200)</b>       | -Street Not Listed                                     |
|                                       |                                                        |
| <b>Harcourt Avenue (195-250)</b>      | -Street Not Listed                                     |
|                                       | <i>-Information Inaccessible: 221-250</i>              |
|                                       |                                                        |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                       |
|                                       |                                                        |
| <b>Joanne Avenue (All)</b>            | -Street Not Listed                                     |
|                                       | <i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                       |                                                        |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                       |
|                                       |                                                        |
| <b>New Orchard Avenue (All)</b>       | <i>-Information Inaccessible</i>                       |
|                                       |                                                        |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>              |
|                                       |                                                        |
| <b>Pooler Avenue (90-110)</b>         | -Street Not Listed                                     |
|                                       | <i>-Information Inaccessible: 101-110</i>              |
|                                       |                                                        |
| <b>Richardson Avenue (225-400)</b>    | <i>-Information Inaccessible</i>                       |
|                                       |                                                        |
| <b>Woodland Avenue (205-265)</b>      | <i>-Information Inaccessible</i>                       |
|                                       |                                                        |
| <b>150 Woodroffe Avenue</b>           | -Address Not Listed                                    |



|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>PROJECT NUMBER:</b> 21083000552 |                                                                               |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                           |
|                                    |                                                                               |
| <b>Year:</b> 1930                  |                                                                               |
|                                    |                                                                               |
| <b>Site Listing:</b>               | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Adjacent Properties:</b>        |                                                                               |
|                                    |                                                                               |
| <b>Richmond Road (945-1145)</b>    | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                               |
| <b>Allison Avenue (180-240)</b>    | -Street Not Listed<br><br><i>-Information Inaccessible: 226-240</i>           |
|                                    |                                                                               |
| <b>Ambleside Drive (1070-1090)</b> | <i>-Information Inaccessible</i>                                              |
|                                    |                                                                               |
| <b>Ancaster Avenue (175-225)</b>   | -Street Not Listed                                                            |
|                                    |                                                                               |
| <b>Anthony Avenue (1995-2215)</b>  | -Street Not Listed<br><br><i>-Information Inaccessible: 2211-2215</i>         |
|                                    |                                                                               |
| <b>Byron Avenue (1100-1240)</b>    | -No Listings Within Radius                                                    |



|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
|                                       | <i>-Information Inaccessible: 1181-1240</i>                                      |
|                                       |                                                                                  |
| <b>Compton Avenue (170-200)</b>       | -Street Not Listed                                                               |
|                                       |                                                                                  |
| <b>Harcourt Avenue (195-250)</b>      | -Street Not Listed<br><br><i>-Information Inaccessible: 221-250</i>              |
|                                       |                                                                                  |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Joanne Avenue (All)</b>            | -Street Not Listed<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                       |                                                                                  |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue (All)</b>       | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                        |
|                                       |                                                                                  |
| <b>Pooler Avenue (90-110)</b>         | -Street Not Listed<br><br><i>-Information Inaccessible: 101-110</i>              |
|                                       |                                                                                  |
| <b>Richardson Avenue (225-400)</b>    | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |



|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Woodland Avenue (205-265)</b> | <i>-Information Inaccessible</i> |
|                                  |                                  |
| <b>150 Woodroffe Avenue</b>      | <i>-Address Not Listed</i>       |

|                                    |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| <b>PROJECT NUMBER: 21083000552</b> |                                                                              |
| <b>Site Address:</b>               | 1047 Richmond Road, Ottawa, Ontario                                          |
|                                    |                                                                              |
| <b>Year: 1925</b>                  |                                                                              |
|                                    |                                                                              |
| <b>Site Listing:</b>               | <i>-Information Inaccessible</i>                                             |
|                                    |                                                                              |
| <b>Adjacent Properties:</b>        |                                                                              |
|                                    |                                                                              |
| <b>Richmond Road (945-1145)</b>    | <i>-Street Not Listed</i><br><br><i>-Information Inaccessible: 1046-1145</i> |
|                                    |                                                                              |
| <b>Allison Avenue (180-240)</b>    | <i>-Street Not Listed</i><br><br><i>-Information Inaccessible: 226-240</i>   |
|                                    |                                                                              |
| <b>Ambleside Drive (1070-1090)</b> | <i>-Information Inaccessible</i>                                             |
|                                    |                                                                              |
| <b>Ancaster Avenue (175-225)</b>   | <i>-Street Not Listed</i>                                                    |
|                                    |                                                                              |
| <b>Anthony Avenue (1995-2215)</b>  | <i>-Street Not Listed</i>                                                    |



|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
|                                       | <i>-Information Inaccessible: 2211-2215</i>                                      |
|                                       |                                                                                  |
| <b>Byron Avenue (1100-1240)</b>       | -No Listings Within Radius<br><br><i>-Information Inaccessible: 1181-1240</i>    |
|                                       |                                                                                  |
| <b>Compton Avenue (170-200)</b>       | -Street Not Listed                                                               |
|                                       |                                                                                  |
| <b>Harcourt Avenue (195-250)</b>      | -Street Not Listed<br><br><i>-Information Inaccessible: 221-250</i>              |
|                                       |                                                                                  |
| <b>Hartleigh Avenue (230-245)</b>     | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>Joanne Avenue (All)</b>            | -Street Not Listed<br><br><i>-Information Inaccessible: Start-2209, 2231-End</i> |
|                                       |                                                                                  |
| <b>Midway Avenue (2265-2305)</b>      | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue (All)</b>       | <i>-Information Inaccessible</i>                                                 |
|                                       |                                                                                  |
| <b>New Orchard Avenue North (All)</b> | <i>-Information Inaccessible: 226-240</i>                                        |
|                                       |                                                                                  |
| <b>Pooler Avenue (90-110)</b>         | -Street Not Listed<br><br><i>-Information Inaccessible: 101-110</i>              |



|                                    |                                  |
|------------------------------------|----------------------------------|
|                                    |                                  |
| <b>Richardson Avenue (225-400)</b> | <i>-Information Inaccessible</i> |
|                                    |                                  |
| <b>Woodland Avenue (205-265)</b>   | <i>-Information Inaccessible</i> |
|                                    |                                  |
| <b>150 Woodroffe Avenue</b>        | -Address Not Listed              |

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

***\*\*Due to unforeseen circumstances resulting from the Covid-19 pandemic of 2020, access to information sources has been prohibited. While all additional measures were taken in order to provide accurate information where possible, some project searches yielded no results.\*\****



## **APPENDIX V**

### **ERIS REPORT**





# DATABASE REPORT

|                          |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| <b>Project Property:</b> | <i>1047 Richmond Road, Ottawa<br/>n/a<br/>Ottawa ON<br/>CO972.00</i> |
| <b>Project No:</b>       |                                                                      |
| <b>Report Type:</b>      | <i>RSC Report (Urban)</i>                                            |
| <b>Order No:</b>         | <i>24062502224</i>                                                   |
| <b>Requested by:</b>     | <i>Terrapex Environmental Ltd.</i>                                   |
| <b>Date Completed:</b>   | <i>June 25, 2024</i>                                                 |

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



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# Executive Summary

## **Property Information:**

**Project Property:** 1047 Richmond Road, Ottawa  
n/a Ottawa ON

**Project No:** CO972.00

## **Order Information:**

**Order No:** 24062502224  
**Date Requested:** June 25, 2024  
**Requested by:** Terrapex Environmental Ltd.  
**Report Type:** RSC Report (Urban)

## **Historical/Products:**

**ERIS Xplorer** [ERIS Xplorer](#)  
**Physical Setting Report (PSR)** *Physical Setting Report (PSR)*  
**Topographic Map** *RSC Maps*



## Executive Summary: Report Summary

| <b>Database</b> | <b>Name</b>                                                       | <b>Searched</b> | <b>Project Property</b> | <b>Boundary to 0.30km</b> | <b>Total</b> |
|-----------------|-------------------------------------------------------------------|-----------------|-------------------------|---------------------------|--------------|
| AAGR            | Abandoned Aggregate Inventory                                     | Y               | 0                       | 0                         | 0            |
| AGR             | Aggregate Inventory                                               | Y               | 0                       | 0                         | 0            |
| AMIS            | Abandoned Mine Information System                                 | Y               | 0                       | 0                         | 0            |
| ANDR            | Anderson's Waste Disposal Sites                                   | Y               | 0                       | 0                         | 0            |
| AST             | Aboveground Storage Tanks                                         | Y               | 0                       | 0                         | 0            |
| AUWR            | Automobile Wrecking & Supplies                                    | Y               | 0                       | 0                         | 0            |
| BORE            | Borehole                                                          | Y               | 0                       | 11                        | 11           |
| CA              | Certificates of Approval                                          | Y               | 1                       | 4                         | 5            |
| CDRY            | Dry Cleaning Facilities                                           | Y               | 0                       | 0                         | 0            |
| CFOT            | Commercial Fuel Oil Tanks                                         | Y               | 0                       | 0                         | 0            |
| CHEM            | Chemical Manufacturers and Distributors                           | Y               | 0                       | 0                         | 0            |
| CHM             | Chemical Register                                                 | Y               | 0                       | 0                         | 0            |
| CNG             | Compressed Natural Gas Stations                                   | Y               | 0                       | 0                         | 0            |
| COAL            | Inventory of Coal Gasification Plants and Coal Tar Sites          | Y               | 0                       | 0                         | 0            |
| CONV            | Compliance and Convictions                                        | Y               | 0                       | 0                         | 0            |
| CPU             | Certificates of Property Use                                      | Y               | 0                       | 0                         | 0            |
| DRL             | Drill Hole Database                                               | Y               | 0                       | 0                         | 0            |
| DTNK            | Delisted Fuel Tanks                                               | Y               | 0                       | 4                         | 4            |
| EASR            | Environmental Activity and Sector Registry                        | Y               | 1                       | 3                         | 4            |
| EBR             | Environmental Registry                                            | Y               | 1                       | 1                         | 2            |
| ECA             | Environmental Compliance Approval                                 | Y               | 0                       | 4                         | 4            |
| EEM             | Environmental Effects Monitoring                                  | Y               | 0                       | 0                         | 0            |
| EHS             | ERIS Historical Searches                                          | Y               | 2                       | 13                        | 15           |
| EIIS            | Environmental Issues Inventory System                             | Y               | 0                       | 0                         | 0            |
| EMHE            | Emergency Management Historical Event                             | Y               | 0                       | 0                         | 0            |
| EPAR            | Environmental Penalty Annual Report                               | Y               | 0                       | 0                         | 0            |
| EXP             | List of Expired Fuels Safety Facilities                           | Y               | 0                       | 3                         | 3            |
| FCON            | Federal Convictions                                               | Y               | 0                       | 0                         | 0            |
| FCS             | Contaminated Sites on Federal Land                                | Y               | 0                       | 0                         | 0            |
| FOFT            | Fisheries & Oceans Fuel Tanks                                     | Y               | 0                       | 0                         | 0            |
| FRST            | Federal Identification Registry for Storage Tank Systems (FIRSTS) | Y               | 0                       | 0                         | 0            |
| FST             | Fuel Storage Tank                                                 | Y               | 0                       | 0                         | 0            |
| FSTH            | Fuel Storage Tank - Historic                                      | Y               | 0                       | 0                         | 0            |
| GEN             | Ontario Regulation 347 Waste Generators Summary                   | Y               | 1                       | 16                        | 17           |
| GHG             | Greenhouse Gas Emissions from Large Facilities                    | Y               | 0                       | 0                         | 0            |
| HINC            | TSSA Historic Incidents                                           | Y               | 0                       | 0                         | 0            |



| <b>Database</b> | <b>Name</b>                                                   | <b>Searched</b> | <b>Project Property</b> | <b>Boundary to 0.30km</b> | <b>Total</b> |
|-----------------|---------------------------------------------------------------|-----------------|-------------------------|---------------------------|--------------|
| IAFT            | Indian & Northern Affairs Fuel Tanks                          | Y               | 0                       | 0                         | 0            |
| INC             | Fuel Oil Spills and Leaks                                     | Y               | 0                       | 2                         | 2            |
| LIMO            | Landfill Inventory Management Ontario                         | Y               | 0                       | 0                         | 0            |
| MINE            | Canadian Mine Locations                                       | Y               | 0                       | 0                         | 0            |
| MNR             | Mineral Occurrences                                           | Y               | 0                       | 0                         | 0            |
| NATE            | National Analysis of Trends in Emergencies System (NATES)     | Y               | 0                       | 0                         | 0            |
| NCPL            | Non-Compliance Reports                                        | Y               | 0                       | 0                         | 0            |
| NDFT            | National Defense & Canadian Forces Fuel Tanks                 | Y               | 0                       | 0                         | 0            |
| NDSP            | National Defense & Canadian Forces Spills                     | Y               | 0                       | 0                         | 0            |
| NDWD            | National Defence & Canadian Forces Waste Disposal Sites       | Y               | 0                       | 0                         | 0            |
| NEBI            | National Energy Board Pipeline Incidents                      | Y               | 0                       | 0                         | 0            |
| NEBP            | National Energy Board Wells                                   | Y               | 0                       | 0                         | 0            |
| NEES            | National Environmental Emergencies System (NEES)              | Y               | 0                       | 0                         | 0            |
| NPCB            | National PCB Inventory                                        | Y               | 0                       | 0                         | 0            |
| NPR2            | National Pollutant Release Inventory 1993-2020                | Y               | 0                       | 0                         | 0            |
| NPRI            | National Pollutant Release Inventory - Historic               | Y               | 0                       | 0                         | 0            |
| OGWE            | Oil and Gas Wells                                             | Y               | 0                       | 0                         | 0            |
| OOGW            | Ontario Oil and Gas Wells                                     | Y               | 0                       | 0                         | 0            |
| OPCB            | Inventory of PCB Storage Sites                                | Y               | 0                       | 0                         | 0            |
| ORD             | Orders                                                        | Y               | 0                       | 0                         | 0            |
| PAP             | Canadian Pulp and Paper                                       | Y               | 0                       | 0                         | 0            |
| PCFT            | Parks Canada Fuel Storage Tanks                               | Y               | 0                       | 0                         | 0            |
| PES             | Pesticide Register                                            | Y               | 0                       | 0                         | 0            |
| PFCH            | NPRI Reporters - PFAS Substances                              | Y               | 0                       | 0                         | 0            |
| PFHA            | Potential PFAS Handlers from NPRI                             | Y               | 0                       | 0                         | 0            |
| PINC            | Pipeline Incidents                                            | Y               | 0                       | 2                         | 2            |
| PRT             | Private and Retail Fuel Storage Tanks                         | Y               | 0                       | 1                         | 1            |
| PTTW            | Permit to Take Water                                          | Y               | 0                       | 1                         | 1            |
| REC             | Ontario Regulation 347 Waste Receivers Summary                | Y               | 0                       | 0                         | 0            |
| RSC             | Record of Site Condition                                      | Y               | 0                       | 0                         | 0            |
| RST             | Retail Fuel Storage Tanks                                     | Y               | 0                       | 0                         | 0            |
| SCT             | Scott's Manufacturing Directory                               | Y               | 0                       | 9                         | 9            |
| SPL             | Ontario Spills                                                | Y               | 0                       | 34                        | 34           |
| SRDS            | Wastewater Discharger Registration Database                   | Y               | 0                       | 0                         | 0            |
| TANK            | Anderson's Storage Tanks                                      | Y               | 0                       | 0                         | 0            |
| TCFT            | Transport Canada Fuel Storage Tanks                           | Y               | 0                       | 0                         | 0            |
| VAR             | Variances for Abandonment of Underground Storage Tanks        | Y               | 0                       | 0                         | 0            |
| WDS             | Waste Disposal Sites - MOE CA Inventory                       | Y               | 0                       | 0                         | 0            |
| WDSH            | Waste Disposal Sites - MOE 1991 Historical Approval Inventory | Y               | 0                       | 0                         | 0            |
| WWIS            | Water Well Information System                                 | Y               | 7                       | 29                        | 36           |



| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project<br/>Property</i> | <i>Boundary<br/>to 0.30km</i> | <i>Total</i> |
|-----------------|-------------|-----------------|-----------------------------|-------------------------------|--------------|
|                 |             | <b>Total:</b>   | 13                          | 137                           | 150          |



## Executive Summary: Site Report Summary - Project Property

| <i>Map Key</i>    | <i>DB</i> | <i>Company/Site Name</i>        | <i>Address</i>                                          | <i>Dir/Dist (m)</i> | <i>Elev diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|---------------------------------|---------------------------------------------------------|---------------------|----------------------|--------------------|
| <a href="#">1</a> | CA        | METRO PLYMOUTH-CHRYSLER LIMITED | 1047 RICHMOND ROAD<br>OTTAWA CITY ON K2B 6R1            | S/0.0               | -0.67                | <a href="#">39</a> |
| <a href="#">1</a> | EBR       | Metro Plymouth-chrysler Ltd.    | 1047 RICHMOND ROAD, OTTAWA CITY<br>CITY OF OTTAWA<br>ON | S/0.0               | -0.67                | <a href="#">39</a> |
| <a href="#">1</a> | EASR      | Metro Plymouth Chrysler Ltd.    | 1047 RICHMOND RD<br>OTTAWA ON K2B 6R1                   | S/0.0               | -0.67                | <a href="#">39</a> |
| <a href="#">1</a> | GEN       | METRO CHRYSLER                  | 1047 Richmond Rd<br>Ottawa ON K2B 6R1                   | S/0.0               | -0.67                | <a href="#">40</a> |
| <a href="#">1</a> | EHS       |                                 | 1047 Richmond Road, Ottawa, ON<br>Ottawa ON             | S/0.0               | -0.67                | <a href="#">40</a> |
| <a href="#">1</a> | EHS       |                                 | 1047 Richmond Road<br>Ottawa ON K2B 6R1                 | S/0.0               | -0.67                | <a href="#">40</a> |
| <a href="#">2</a> | WWIS      |                                 | ON<br><br><b>Well ID:</b> 7419639                       | ESE/0.0             | 0.00                 | <a href="#">40</a> |
| <a href="#">3</a> | WWIS      |                                 | ON<br><br><b>Well ID:</b> 7419640                       | NNW/0.0             | -1.90                | <a href="#">41</a> |



| <b>Map Key</b>           | <b>DB</b> | <b>Company/Site Name</b> | <b>Address</b>                                                  | <b>Dir/Dist (m)</b> | <b>Elev diff (m)</b> | <b>Page Number</b>        |
|--------------------------|-----------|--------------------------|-----------------------------------------------------------------|---------------------|----------------------|---------------------------|
| <a href="#"><u>4</u></a> | WWIS      |                          | ON<br><br><i>Well ID: 7419636</i>                               | NW/0.0              | -2.00                | <a href="#"><u>42</u></a> |
| <a href="#"><u>5</u></a> | WWIS      |                          | ON<br><br><i>Well ID: 7419637</i>                               | NW/0.0              | -2.00                | <a href="#"><u>43</u></a> |
| <a href="#"><u>6</u></a> | WWIS      |                          | 99 NEW ORCHARD AVE.<br>OTTAWA ON<br><br><i>Well ID: 7039988</i> | W/0.0               | -2.59                | <a href="#"><u>44</u></a> |
| <a href="#"><u>7</u></a> | WWIS      |                          | ON<br><br><i>Well ID: 7409367</i>                               | NW/0.0              | -3.39                | <a href="#"><u>47</u></a> |
| <a href="#"><u>8</u></a> | WWIS      |                          | ON<br><br><i>Well ID: 7409366</i>                               | NNW/0.0             | -3.39                | <a href="#"><u>48</u></a> |



## Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i>     | <i>DB</i> | <i>Company/Site Name</i>  | <i>Address</i>                                               | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|--------------------|-----------|---------------------------|--------------------------------------------------------------|---------------------|----------------------|--------------------|
| <a href="#">9</a>  | SPL       | Kiewit<UNOFFICIAL>        | Richmond Road between Woodland and Harcourt<br>Ottawa ON     | ESE/6.6             | 0.22                 | <a href="#">49</a> |
| <a href="#">10</a> | CA        | R.M. OF OTTAWA-CARLETON   | NEW ORCHARD AVE/AMBLESIDE DR.<br>OTTAWA ON                   | SW/9.4              | -1.44                | <a href="#">50</a> |
| <a href="#">11</a> | SPL       |                           | Ottawa ON                                                    | ESE/29.4            | 1.88                 | <a href="#">50</a> |
| <a href="#">12</a> | EHS       |                           | 99 New Orchard Avenue<br>Ottawa ON K2B 5E6                   | NW/32.1             | -4.53                | <a href="#">51</a> |
| <a href="#">12</a> | GEN       | Extenicare Canada Inc.    | 99 New Orchard Ave<br>Ottawa ON K2B 5E6                      | NW/32.1             | -4.53                | <a href="#">51</a> |
| <a href="#">12</a> | GEN       | Extendicare Canada Inc    | 99 New Orchard Av<br>Ottawa ON K2B 5E6                       | NW/32.1             | -4.53                | <a href="#">51</a> |
| <a href="#">12</a> | EHS       |                           | 99 New Orchard Ave<br>Ottawa ON K2B5E6                       | NW/32.1             | -4.53                | <a href="#">52</a> |
| <a href="#">12</a> | EASR      | EXTENDICARE (CANADA) INC. | 99 NEW ORCHARD AVE<br>OTTAWA ON K2B 5E6                      | NW/32.1             | -4.53                | <a href="#">52</a> |
| <a href="#">13</a> | WWIS      |                           | 1071 RICHMOND RD<br>OTTAWA ON<br><i>Well ID:</i> 7044334     | SSW/40.1            | 0.06                 | <a href="#">52</a> |
| <a href="#">14</a> | SPL       | Kiewit Eurovia Vinci      | Byron Ave and Harcourt Ave<br>Ottawa ON                      | E/40.2              | 1.93                 | <a href="#">56</a> |
| <a href="#">15</a> | SPL       |                           | Woodland Avenue and Byron Avenue,<br>Ottawa, ON<br>OTTAWA ON | SSE/42.5            | 1.88                 | <a href="#">57</a> |
| <a href="#">16</a> | SCT       | Maxxeon Inc.              | 1025 Richmond Rd Suite 1108<br>Ottawa ON K2B 8G8             | NNE/47.9            | -3.09                | <a href="#">58</a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b>                                                               | <b>Address</b>                                                                                  | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>        |
|---------------------------|-----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------------------|
| <a href="#"><u>17</u></a> | EHS       |                                                                                        | 108 New Orchard Ave<br>Ottawa ON K2B 5E7                                                        | W/49.6              | -4.39                | <a href="#"><u>58</u></a> |
| <a href="#"><u>18</u></a> | EHS       |                                                                                        | 1071 Richmond Rd.<br>Ottawa ON K2B 6R2                                                          | SSW/51.1            | 0.06                 | <a href="#"><u>58</u></a> |
| <a href="#"><u>19</u></a> | SPL       | PRIVATE RESIDENCE                                                                      | MR. HERGET APT. BLDG 613-729-9437<br>1162 BYRON AVE. FURNACE OIL TANK<br>OTTAWA CITY ON K2B 6T4 | E/56.4              | 3.33                 | <a href="#"><u>58</u></a> |
| <a href="#"><u>20</u></a> | SPL       |                                                                                        | Byron Rd and Richmond Ave, near New<br>Orchard Ave, Ottawa ON<br>OTTAWA ON                      | S/57.0              | 1.61                 | <a href="#"><u>59</u></a> |
| <a href="#"><u>21</u></a> | SPL       |                                                                                        | UTMs provided. Richmond & New Orcahrd<br>Ave N<br>Ottawa ON                                     | SSW/58.8            | 1.61                 | <a href="#"><u>60</u></a> |
| <a href="#"><u>22</u></a> | EHS       |                                                                                        | 100 New Orchard Ave<br>Ottawa ON K2B5E7                                                         | WNW/70.6            | -4.70                | <a href="#"><u>61</u></a> |
| <a href="#"><u>23</u></a> | SPL       |                                                                                        | Ottawa ON                                                                                       | ENE/70.8            | 1.88                 | <a href="#"><u>61</u></a> |
| <a href="#"><u>24</u></a> | PTTW      | Peter Kiewit Sons ULC, Eurovia<br>Quebec Grands Projets Inc.,<br>Janin Atlas Inc., and | Dodin Quebec Inc. Richmond Road Ottawa,<br>ON K2B 6R2 Canada<br>ON                              | SSW/72.0            | 1.61                 | <a href="#"><u>62</u></a> |
| <a href="#"><u>25</u></a> | SPL       | Kiewit Eurovia Vinci                                                                   | Byron Ave @ Allison Ave<br>Ottawa ON                                                            | ENE/73.1            | 1.88                 | <a href="#"><u>62</u></a> |
| <a href="#"><u>25</u></a> | SPL       | Kiewit Eurovia Vinci                                                                   | Allison Ave and Byron Ave<br>Ottawa ON                                                          | ENE/73.1            | 1.88                 | <a href="#"><u>63</u></a> |
| <a href="#"><u>26</u></a> | BORE      |                                                                                        | ON                                                                                              | SW/73.1             | -1.44                | <a href="#"><u>64</u></a> |
| <a href="#"><u>27</u></a> | BORE      |                                                                                        | ON                                                                                              | SE/77.5             | 3.80                 | <a href="#"><u>65</u></a> |



| <b>Map Key</b>     | <b>DB</b> | <b>Company/Site Name</b>                 | <b>Address</b>                                      | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b> |
|--------------------|-----------|------------------------------------------|-----------------------------------------------------|---------------------|----------------------|--------------------|
| <a href="#">28</a> | WWIS      |                                          | ON<br><b>Well ID:</b> 1509027                       | SE/77.7             | 3.80                 | <a href="#">66</a> |
| <a href="#">29</a> | WWIS      |                                          | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503902       | SSE/79.9            | 3.61                 | <a href="#">69</a> |
| <a href="#">30</a> | BORE      |                                          | ON                                                  | W/80.7              | -4.39                | <a href="#">72</a> |
| <a href="#">31</a> | EHS       |                                          | 1071 Ambleside drive<br>ottawa ON K2B 6V4           | WSW/85.9            | -4.09                | <a href="#">73</a> |
| <a href="#">31</a> | EHS       |                                          | 1071 Ambleside Dr<br>Ottawa ON K2B6V4               | WSW/85.9            | -4.09                | <a href="#">73</a> |
| <a href="#">31</a> | EHS       |                                          | 1071 Ambleside Drive<br>Ottawa ON K2B 6V4           | WSW/85.9            | -4.09                | <a href="#">74</a> |
| <a href="#">31</a> | EHS       |                                          | 1071 Ambleside Drive<br>Ottawa ON K2B 6V4           | WSW/85.9            | -4.09                | <a href="#">74</a> |
| <a href="#">32</a> | PINC      | PIPELINE HIT - 1/2"                      | 211 WOODLAND AVENUE,,OTTAWA,ON,<br>K2B 5C8,CA<br>ON | SE/89.8             | 4.44                 | <a href="#">74</a> |
| <a href="#">32</a> | SPL       | Enbridge Gas Distribution Inc.           | 211 woodland Dr<br>Ottawa ON                        | SE/89.8             | 4.44                 | <a href="#">75</a> |
| <a href="#">33</a> | SPL       | Kiewit Eurovia Vinci                     | North of Byron Ave and Allison Ave<br>Ottawa ON     | ENE/90.8            | 1.45                 | <a href="#">75</a> |
| <a href="#">34</a> | GEN       | Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6       | S/100.3             | 1.91                 | <a href="#">76</a> |
| <a href="#">34</a> | GEN       | Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6       | S/100.3             | 1.91                 | <a href="#">77</a> |
| <a href="#">34</a> | GEN       | Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6       | S/100.3             | 1.91                 | <a href="#">77</a> |



| Map Key            | DB   | Company/Site Name         | Address                                                     | Dir/Dist (m) | Elev Diff (m) | Page Number        |
|--------------------|------|---------------------------|-------------------------------------------------------------|--------------|---------------|--------------------|
| <a href="#">34</a> | SPL  |                           | Byron Avenue and New Orchard Avenue,<br>Ottawa<br>OTTAWA ON | S/100.3      | 1.91          | <a href="#">77</a> |
| <a href="#">34</a> | SPL  |                           | New Orchard Avenue and Byron Avenue,<br>Ottawa<br>OTTAWA ON | S/100.3      | 1.91          | <a href="#">78</a> |
| <a href="#">35</a> | CA   | KAYSUSH DEVELOPMENTS LTD. | LOT 1, 993 RICHMOND RD. (SWM)<br>OTTAWA CITY ON K2B 6R1     | NE/108.2     | -0.39         | <a href="#">79</a> |
| <a href="#">36</a> | INC  |                           | 1208 Byron Avenue, Ottawa<br>ON                             | S/110.4      | 2.97          | <a href="#">79</a> |
| <a href="#">37</a> | SPL  |                           | Lat 45.3731 91 Lon 75.779214<br>OTTAWA ON                   | SSW/112.8    | 0.69          | <a href="#">80</a> |
| <a href="#">38</a> | SPL  |                           | 45.37576, -75.77666<br>OTTAWA ON                            | ENE/120.6    | 1.29          | <a href="#">81</a> |
| <a href="#">39</a> | WWIS |                           | ON<br><b>Well ID:</b> 1507961                               | S/122.3      | 2.64          | <a href="#">82</a> |
| <a href="#">40</a> | EBR  | 715137 Ontario Ltd.       | 1075 Richmond Road Ottawa Ontario<br>Ottawa<br>ON           | SW/130.9     | -0.09         | <a href="#">84</a> |
| <a href="#">40</a> | CA   | 715137 Ontario Ltd.       | 1075 Richmond Road<br>Ottawa ON K2B 6R2                     | SW/130.9     | -0.09         | <a href="#">85</a> |
| <a href="#">40</a> | EASR | 1866688 Ontario Ltd       | 1075 RICHMOND RD<br>OTTAWA ON K2B 6R2                       | SW/130.9     | -0.09         | <a href="#">85</a> |
| <a href="#">40</a> | ECA  | 715137 Ontario Ltd.       | 1075 Richmond Road<br>Ottawa ON                             | SW/130.9     | -0.09         | <a href="#">85</a> |
| <a href="#">41</a> | SPL  |                           | 178 Ancaster Avenue<br>Ottawa ON K2B 5B3                    | ENE/135.4    | 3.67          | <a href="#">86</a> |
| <a href="#">42</a> | PRT  | TOPS CAR WASH CO LTD      | 979 RICHMOND RD<br>OTTAWA ON K2B6R1                         | NE/136.7     | -1.48         | <a href="#">87</a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b> | <b>Address</b>                                 | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>        |
|---------------------------|-----------|--------------------------|------------------------------------------------|---------------------|----------------------|---------------------------|
| <a href="#"><u>42</u></a> | GEN       | TOPS CAR WASH LTD        | 979 RICHMOND RD<br>OTTAWA ON K2B 6R1           | NE/136.7            | -1.48                | <a href="#"><u>87</u></a> |
| <a href="#"><u>42</u></a> | DTNK      | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON K2B 6R1           | NE/136.7            | -1.48                | <a href="#"><u>87</u></a> |
| <a href="#"><u>42</u></a> | DTNK      | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>88</u></a> |
| <a href="#"><u>42</u></a> | DTNK      | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>88</u></a> |
| <a href="#"><u>42</u></a> | DTNK      | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>89</u></a> |
| <a href="#"><u>42</u></a> | EXP       | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>90</u></a> |
| <a href="#"><u>42</u></a> | EXP       | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>90</u></a> |
| <a href="#"><u>42</u></a> | EXP       | TOPS CAR WASH CO LTD     | 979 RICHMOND RD<br>OTTAWA ON                   | NE/136.7            | -1.48                | <a href="#"><u>90</u></a> |
| <a href="#"><u>42</u></a> | EHS       |                          | 979 Richmond Rd<br>Ottawa ON K2B 6R1           | NE/136.7            | -1.48                | <a href="#"><u>90</u></a> |
| <a href="#"><u>43</u></a> | BORE      |                          | ON                                             | NW/138.1            | -6.48                | <a href="#"><u>91</u></a> |
| <a href="#"><u>44</u></a> | SPL       | PRIVATE RESIDENCE        | 192 ANCASTER AVE (N.O.S.)<br>OTTAWA ON K2B 5B3 | E/148.5             | 4.56                 | <a href="#"><u>92</u></a> |
| <a href="#"><u>45</u></a> | SPL       |                          | 1224 Byron Avenue<br>ON                        | S/149.5             | 2.61                 | <a href="#"><u>93</u></a> |
| <a href="#"><u>46</u></a> | BORE      |                          | ON                                             | WSW/152.2           | -4.35                | <a href="#"><u>94</u></a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b> | <b>Address</b>                                                           | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|---------------------------|-----------|--------------------------|--------------------------------------------------------------------------|---------------------|----------------------|----------------------------|
| <a href="#"><u>47</u></a> | ECA       | Paul and Elena Lungu     | Ottawa ON K2W 1E7                                                        | E/153.6             | 5.46                 | <a href="#"><u>96</u></a>  |
| <a href="#"><u>48</u></a> | WWIS      |                          | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503894                            | WNW/155.1           | -6.37                | <a href="#"><u>96</u></a>  |
| <a href="#"><u>49</u></a> | SPL       |                          | Byron Ave and Ancaster ave Ottawa<br>OTTAWA ON                           | ENE/159.9           | 1.61                 | <a href="#"><u>98</u></a>  |
| <a href="#"><u>49</u></a> | SPL       |                          | Byron Ave and Ancaster Ave, Ottawa<br>ON                                 | ENE/159.9           | 1.61                 | <a href="#"><u>99</u></a>  |
| <a href="#"><u>50</u></a> | WWIS      |                          | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503896                            | SE/163.6            | 5.61                 | <a href="#"><u>100</u></a> |
| <a href="#"><u>51</u></a> | BORE      |                          | ON                                                                       | W/165.0             | -5.39                | <a href="#"><u>103</u></a> |
| <a href="#"><u>52</u></a> | SPL       |                          | Intersection of Byron Avenue and Ancaster<br>Avenue, Ottawa<br>OTTAWA ON | ENE/171.9           | 3.00                 | <a href="#"><u>104</u></a> |
| <a href="#"><u>53</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1507778                                            | ESE/172.5           | 5.61                 | <a href="#"><u>105</u></a> |
| <a href="#"><u>54</u></a> | EHS       |                          | 1083 Ambleside Drive<br>Ottawa ON K2B 8C8                                | SW/173.5            | -2.55                | <a href="#"><u>107</u></a> |
| <a href="#"><u>55</u></a> | SPL       |                          | Byron and Richardson Avenue Ottawa<br>OTTAWA ON                          | SSW/177.1           | 1.66                 | <a href="#"><u>108</u></a> |
| <a href="#"><u>55</u></a> | SPL       |                          | Richardson Avenue & Byron Avenue<br>Ottawa, ON<br>OTTAWA ON              | SSW/177.1           | 1.66                 | <a href="#"><u>108</u></a> |
| <a href="#"><u>55</u></a> | SPL       |                          | Byron Ave and Richardson Ave, Ottawa<br>OTTAWA ON                        | SSW/177.1           | 1.66                 | <a href="#"><u>109</u></a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b>                         | <b>Address</b>                                              | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|---------------------------|-----------|--------------------------------------------------|-------------------------------------------------------------|---------------------|----------------------|----------------------------|
| <a href="#"><u>56</u></a> | SCT       | Institute of Professional Management Inc.        | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8           | WSW/178.9           | -3.31                | <a href="#"><u>110</u></a> |
| <a href="#"><u>56</u></a> | SCT       | Association of Professional Recruiters of Canada | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8           | WSW/178.9           | -3.31                | <a href="#"><u>110</u></a> |
| <a href="#"><u>56</u></a> | SCT       | Association of Professional Recruiters of Canada | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8           | WSW/178.9           | -3.31                | <a href="#"><u>110</u></a> |
| <a href="#"><u>56</u></a> | SCT       | Assocn-Pro Recruiters of Cnd                     | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8           | WSW/178.9           | -3.31                | <a href="#"><u>111</u></a> |
| <a href="#"><u>56</u></a> | SCT       | Institute of Professional Mgmt                   | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8           | WSW/178.9           | -3.31                | <a href="#"><u>111</u></a> |
| <a href="#"><u>57</u></a> | SPL       |                                                  | 177 Ancaster Ave.<br>OTTAWA ON                              | ENE/181.8           | 4.37                 | <a href="#"><u>111</u></a> |
| <a href="#"><u>58</u></a> | SPL       | Kiewit Eurovia Vinci                             | Nepean Concession 1 ON Ottawa River,<br>Lot 25<br>Ottawa ON | NE/183.4            | -1.39                | <a href="#"><u>112</u></a> |
| <a href="#"><u>59</u></a> | WWIS      |                                                  | ON<br><b>Well ID:</b> 1508046                               | ENE/187.4           | 4.37                 | <a href="#"><u>113</u></a> |
| <a href="#"><u>60</u></a> | BORE      |                                                  | ON                                                          | ENE/187.5           | 4.37                 | <a href="#"><u>115</u></a> |
| <a href="#"><u>61</u></a> | SPL       | Kiewit Eurovia Vinci Ottawa Partnership          | 1068 Richmond Road<br>Ottawa ON                             | SSW/190.0           | 0.38                 | <a href="#"><u>116</u></a> |
| <a href="#"><u>61</u></a> | SPL       |                                                  | 1068 Richmond Rd, Ottawa, ON<br>OTTAWA ON                   | SSW/190.0           | 0.38                 | <a href="#"><u>117</u></a> |
| <a href="#"><u>62</u></a> | WWIS      |                                                  | ON<br><b>Well ID:</b> 1508854                               | NNE/190.7           | -4.39                | <a href="#"><u>118</u></a> |
| <a href="#"><u>63</u></a> | WWIS      |                                                  | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503898               | E/191.3             | 5.61                 | <a href="#"><u>120</u></a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b> | <b>Address</b>                                  | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|---------------------------|-----------|--------------------------|-------------------------------------------------|---------------------|----------------------|----------------------------|
| <a href="#"><u>64</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508934                   | WNW/192.4           | -6.54                | <a href="#"><u>124</u></a> |
| <a href="#"><u>65</u></a> | BORE      |                          | ON                                              | SSW/198.8           | 0.38                 | <a href="#"><u>127</u></a> |
| <a href="#"><u>66</u></a> | EHS       |                          | 243 New Orchard Avenue<br>Ottawa ON K2B         | SSE/201.7           | 5.64                 | <a href="#"><u>128</u></a> |
| <a href="#"><u>67</u></a> | BORE      |                          | ON                                              | W/208.8             | -6.39                | <a href="#"><u>129</u></a> |
| <a href="#"><u>68</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508855                   | NNE/210.0           | -4.31                | <a href="#"><u>130</u></a> |
| <a href="#"><u>69</u></a> | BORE      |                          | ON                                              | S/211.0             | 3.64                 | <a href="#"><u>132</u></a> |
| <a href="#"><u>70</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508933                   | WNW/211.6           | -11.39               | <a href="#"><u>134</u></a> |
| <a href="#"><u>71</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508258                   | SSW/222.2           | 2.56                 | <a href="#"><u>137</u></a> |
| <a href="#"><u>72</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508935                   | WNW/224.3           | -11.39               | <a href="#"><u>140</u></a> |
| <a href="#"><u>73</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1507779                   | SE/225.6            | 6.61                 | <a href="#"><u>143</u></a> |
| <a href="#"><u>74</u></a> | WWIS      |                          | ON<br><b>Well ID:</b> 1508936                   | NNW/225.8           | -7.35                | <a href="#"><u>146</u></a> |
| <a href="#"><u>75</u></a> | WWIS      |                          | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503899   | NW/226.6            | -11.39               | <a href="#"><u>149</u></a> |
| <a href="#"><u>76</u></a> | CA        | OTTAWA CITY              | COMPTON AVE/ANTHONY AVE/BYRON<br>OTTAWA CITY ON | E/227.5             | 5.61                 | <a href="#"><u>152</u></a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b>                | <b>Address</b>                                       | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|---------------------------|-----------|-----------------------------------------|------------------------------------------------------|---------------------|----------------------|----------------------------|
| <a href="#"><u>77</u></a> | SPL       | Kiewit Eurovia Vinci Ottawa Partnership | Compton Ave and Byron Ave<br>Ottawa ON               | ENE/239.0           | 2.55                 | <a href="#"><u>153</u></a> |
| <a href="#"><u>78</u></a> | WWIS      |                                         | ON<br><b>Well ID:</b> 1508044                        | ENE/240.8           | 5.61                 | <a href="#"><u>153</u></a> |
| <a href="#"><u>79</u></a> | WWIS      |                                         | ON<br><b>Well ID:</b> 1508898                        | WNW/241.4           | -11.39               | <a href="#"><u>157</u></a> |
| <a href="#"><u>80</u></a> | WWIS      |                                         | ON<br><b>Well ID:</b> 1507780                        | ESE/241.5           | 6.61                 | <a href="#"><u>160</u></a> |
| <a href="#"><u>81</u></a> | BORE      |                                         | ON                                                   | E/242.4             | 6.61                 | <a href="#"><u>162</u></a> |
| <a href="#"><u>82</u></a> | WWIS      |                                         | ON<br><b>Well ID:</b> 1507805                        | E/242.5             | 6.61                 | <a href="#"><u>163</u></a> |
| <a href="#"><u>83</u></a> | GEN       | CCC91                                   | 1100 Ambleside Drive<br>Ottawa ON K2B 8G6            | SW/243.3            | -1.36                | <a href="#"><u>166</u></a> |
| <a href="#"><u>84</u></a> | SPL       | FRANCIS FUELS                           | 235 ALISON AVE. TANK TRUCK (CARGO)<br>OTTAWA CITY ON | ESE/244.1           | 6.61                 | <a href="#"><u>166</u></a> |
| <a href="#"><u>85</u></a> | WWIS      |                                         | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503895        | SE/245.5            | 6.61                 | <a href="#"><u>167</u></a> |
| <a href="#"><u>86</u></a> | SPL       | Enbridge Energy Distribution Inc.       | 220 Compton Ave<br>Ottawa ON                         | E/246.6             | 6.61                 | <a href="#"><u>170</u></a> |
| <a href="#"><u>87</u></a> | SCT       | GRAFICO SIGNS                           | 247 HARCOURT AVE<br>OTTAWA ON K2B 5C2                | SE/251.8            | 6.61                 | <a href="#"><u>170</u></a> |
| <a href="#"><u>88</u></a> | WWIS      |                                         | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503890        | E/253.7             | 5.61                 | <a href="#"><u>171</u></a> |
| <a href="#"><u>89</u></a> | WWIS      |                                         | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503889        | E/261.3             | 6.61                 | <a href="#"><u>173</u></a> |



| <b>Map Key</b>            | <b>DB</b> | <b>Company/Site Name</b>              | <b>Address</b>                                        | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|---------------------------|-----------|---------------------------------------|-------------------------------------------------------|---------------------|----------------------|----------------------------|
| <a href="#"><u>90</u></a> | WWIS      |                                       | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503897         | SE/262.6            | 6.61                 | <a href="#"><u>176</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | WEST CHAPEL 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | ENE/265.7           | 3.71                 | <a href="#"><u>178</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC. 44-227 | WEST CHAPEL 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | ENE/265.7           | 3.71                 | <a href="#"><u>179</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | ENE/265.7           | 3.71                 | <a href="#"><u>179</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON                     | ENE/265.7           | 3.71                 | <a href="#"><u>180</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | ENE/265.7           | 3.71                 | <a href="#"><u>180</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | ENE/265.7           | 3.71                 | <a href="#"><u>180</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | ENE/265.7           | 3.71                 | <a href="#"><u>181</u></a> |
| <a href="#"><u>91</u></a> | GEN       | HULSE, PLAYFAIR & MCGARRY INC.        | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | ENE/265.7           | 3.71                 | <a href="#"><u>181</u></a> |
| <a href="#"><u>92</u></a> | WWIS      |                                       | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503893         | ESE/272.1           | 6.61                 | <a href="#"><u>181</u></a> |
| <a href="#"><u>93</u></a> | ECA       | City of Ottawa                        | 87 Pooler Ave<br>Ottawa ON K2G 6J8                    | NNE/273.9           | -3.39                | <a href="#"><u>184</u></a> |
| <a href="#"><u>94</u></a> | WWIS      |                                       | lot 25 con 1<br>ON<br><b>Well ID:</b> 1503892         | W/275.5             | -6.39                | <a href="#"><u>184</u></a> |
| <a href="#"><u>95</u></a> | WWIS      |                                       | 1142 RICHMOND ROAD<br>OTTAWA ON                       | SW/279.6            | -0.39                | <a href="#"><u>187</u></a> |



| <b>Map Key</b>             | <b>DB</b> | <b>Company/Site Name</b>              | <b>Address</b>                                 | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b>         |
|----------------------------|-----------|---------------------------------------|------------------------------------------------|---------------------|----------------------|----------------------------|
|                            |           |                                       | <b>Well ID:</b> 1535367                        |                     |                      |                            |
| <a href="#"><u>96</u></a>  | ECA       | The Corporation of the City of Ottawa | Wentworth Ave<br>Ottawa ON K1N 5A1             | SSW/281.8           | -0.09                | <a href="#"><u>189</u></a> |
| <a href="#"><u>97</u></a>  | GEN       | SAIKALEY REALTY                       | 945 RICHMOND ROAD<br>OTTAWA ON                 | NE/288.1            | 0.16                 | <a href="#"><u>190</u></a> |
| <a href="#"><u>98</u></a>  | EHS       |                                       | 170 Woodroffe Avenue<br>Ottawa ON              | ENE/288.8           | 5.30                 | <a href="#"><u>190</u></a> |
| <a href="#"><u>99</u></a>  | SPL       | Enbridge Gas Distribution Inc.        | 1991 Anthony St.<br>Ottawa ON                  | ENE/289.0           | 5.61                 | <a href="#"><u>190</u></a> |
| <a href="#"><u>100</u></a> | INC       |                                       | 250 ANCASTER AVENUE, OTTAWA<br>ON K2B 5B4      | ESE/297.2           | 6.61                 | <a href="#"><u>191</u></a> |
| <a href="#"><u>101</u></a> | EASR      | TELECON INC.                          | 1136 Richmond RD<br>Ottawa ON K2B 8B0          | SSW/297.2           | -0.39                | <a href="#"><u>192</u></a> |
| <a href="#"><u>102</u></a> | SPL       | Enbridge Gas Distribution Inc.        | 82 Orvigale Ave.<br>Ottawa ON                  | NNE/297.9           | -3.23                | <a href="#"><u>192</u></a> |
| <a href="#"><u>102</u></a> | PINC      | PIPELINE HIT 1/2"                     | 82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,<br>CA<br>ON | NNE/297.9           | -3.23                | <a href="#"><u>193</u></a> |
| <a href="#"><u>103</u></a> | SCT       | A K FUR MANUFACTURING                 | 212 WOODROFFE AVE<br>OTTAWA ON K2A 3V4         | E/298.3             | 6.61                 | <a href="#"><u>194</u></a> |
| <a href="#"><u>103</u></a> | SCT       | A & C Fur Creations Inc.              | 212 Woodroffe Ave<br>Ottawa ON K2A 3V4         | E/298.3             | 6.61                 | <a href="#"><u>194</u></a> |



## Executive Summary: Summary By Data Source

### **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 11 BORE site(s) within approximately 0.30 kilometers of the project property.

| <b><u>Site</u></b> | <b><u>Address</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------|-----------------------|----------------------------|---------------------------|
|                    | ON                    | 73.1                       | <a href="#"><u>26</u></a> |
|                    | ON                    | 77.5                       | <a href="#"><u>27</u></a> |
|                    | ON                    | 80.7                       | <a href="#"><u>30</u></a> |
|                    | ON                    | 138.1                      | <a href="#"><u>43</u></a> |
|                    | ON                    | 152.2                      | <a href="#"><u>46</u></a> |
|                    | ON                    | 165.0                      | <a href="#"><u>51</u></a> |
|                    | ON                    | 187.5                      | <a href="#"><u>60</u></a> |
|                    | ON                    | 198.8                      | <a href="#"><u>65</u></a> |
|                    | ON                    | 208.8                      | <a href="#"><u>67</u></a> |



| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|----------------|---------------------|---------------------------|
|             | ON             | 211.0               | <a href="#"><u>69</u></a> |
|             | ON             | 242.4               | <a href="#"><u>81</u></a> |

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 5 CA site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                     | <u>Address</u>                                          | <u>Distance (m)</u> | <u>Map Key</u>            |
|---------------------------------|---------------------------------------------------------|---------------------|---------------------------|
| METRO PLYMOUTH-CHRYSLER LIMITED | 1047 RICHMOND ROAD<br>OTTAWA CITY ON K2B 6R1            | 0.0                 | <a href="#"><u>1</u></a>  |
| R.M. OF OTTAWA-CARLETON         | NEW ORCHARD AVE/AMBLESIDE DR.<br>OTTAWA ON              | 9.4                 | <a href="#"><u>10</u></a> |
| KAYSUSH DEVELOPMENTS LTD.       | LOT 1, 993 RICHMOND RD. (SWM)<br>OTTAWA CITY ON K2B 6R1 | 108.2               | <a href="#"><u>35</u></a> |
| 715137 Ontario Ltd.             | 1075 Richmond Road<br>Ottawa ON K2B 6R2                 | 130.9               | <a href="#"><u>40</u></a> |
| OTTAWA CITY                     | COMPTON AVE/ANTHONY AVE/BYRON<br>OTTAWA CITY ON         | 227.5               | <a href="#"><u>76</u></a> |

### **DTNK - Delisted Fuel Tanks**

A search of the DTNK database, dated Oct 2023 has found that there are 4 DTNK site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>          | <u>Address</u>                       | <u>Distance (m)</u> | <u>Map Key</u>            |
|----------------------|--------------------------------------|---------------------|---------------------------|
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON K2B 6R1 | 136.7               | <a href="#"><u>42</u></a> |



| <u>Site</u>          | <u>Address</u>               | <u>Distance (m)</u> | <u>Map Key</u>     |
|----------------------|------------------------------|---------------------|--------------------|
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |

### **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011-Apr 30, 2024 has found that there are 4 EASR site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                  | <u>Address</u>                          | <u>Distance (m)</u> | <u>Map Key</u>      |
|------------------------------|-----------------------------------------|---------------------|---------------------|
| Metro Plymouth Chrysler Ltd. | 1047 RICHMOND RD<br>OTTAWA ON K2B 6R1   | 0.0                 | <a href="#">1</a>   |
| EXTENDICARE (CANADA) INC.    | 99 NEW ORCHARD AVE<br>OTTAWA ON K2B 5E6 | 32.1                | <a href="#">12</a>  |
| 1866688 Ontario Ltd          | 1075 RICHMOND RD<br>OTTAWA ON K2B 6R2   | 130.9               | <a href="#">40</a>  |
| TELECON INC.                 | 1136 Richmond RD<br>Ottawa ON K2B 8B0   | 297.2               | <a href="#">101</a> |

### **EBR - Environmental Registry**

A search of the EBR database, dated 1994 - Mar 31, 2024 has found that there are 2 EBR site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                  | <u>Address</u>                                          | <u>Distance (m)</u> | <u>Map Key</u>    |
|------------------------------|---------------------------------------------------------|---------------------|-------------------|
| Metro Plymouth-chrysler Ltd. | 1047 RICHMOND ROAD, OTTAWA CITY<br>CITY OF OTTAWA<br>ON | 0.0                 | <a href="#">1</a> |



| <u>Site</u>         | <u>Address</u>                              | <u>Distance (m)</u> | <u>Map Key</u>     |
|---------------------|---------------------------------------------|---------------------|--------------------|
| 715137 Ontario Ltd. | 1075 Richmond Road Ottawa Ontario Ottawa ON | 130.9               | <a href="#">40</a> |

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Apr 30, 2024 has found that there are 4 ECA site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                           | <u>Address</u>                     | <u>Distance (m)</u> | <u>Map Key</u>     |
|---------------------------------------|------------------------------------|---------------------|--------------------|
| 715137 Ontario Ltd.                   | 1075 Richmond Road<br>Ottawa ON    | 130.9               | <a href="#">40</a> |
| Paul and Elena Lungu                  | Ottawa ON K2W 1E7                  | 153.6               | <a href="#">47</a> |
| City of Ottawa                        | 87 Pooler Ave<br>Ottawa ON K2G 6J8 | 273.9               | <a href="#">93</a> |
| The Corporation of the City of Ottawa | Wentworth Ave<br>Ottawa ON K1N 5A1 | 281.8               | <a href="#">96</a> |

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 15 EHS site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>                              | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------|---------------------------------------------|---------------------|--------------------|
|             | 1047 Richmond Road<br>Ottawa ON K2B 6R1     | 0.0                 | <a href="#">1</a>  |
|             | 1047 Richmond Road, Ottawa, ON<br>Ottawa ON | 0.0                 | <a href="#">1</a>  |
|             | 99 New Orchard Ave<br>Ottawa ON K2B5E6      | 32.1                | <a href="#">12</a> |



| <b><u>Site</u></b> | <b><u>Address</u></b>                      | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------|--------------------------------------------|----------------------------|---------------------------|
|                    | 99 New Orchard Avenue<br>Ottawa ON K2B 5E6 | 32.1                       | <a href="#"><u>12</u></a> |
|                    | 108 New Orchard Ave<br>Ottawa ON K2B 5E7   | 49.6                       | <a href="#"><u>17</u></a> |
|                    | 1071 Richmond Rd.<br>Ottawa ON K2B 6R2     | 51.1                       | <a href="#"><u>18</u></a> |
|                    | 100 New Orchard Ave<br>Ottawa ON K2B5E7    | 70.6                       | <a href="#"><u>22</u></a> |
|                    | 1071 Ambleside Drive<br>Ottawa ON K2B 6V4  | 85.9                       | <a href="#"><u>31</u></a> |
|                    | 1071 Ambleside Dr<br>Ottawa ON K2B6V4      | 85.9                       | <a href="#"><u>31</u></a> |
|                    | 1071 Ambleside drive<br>ottawa ON K2B 6V4  | 85.9                       | <a href="#"><u>31</u></a> |
|                    | 1071 Ambleside Drive<br>Ottawa ON K2B 6V4  | 85.9                       | <a href="#"><u>31</u></a> |
|                    | 979 Richmond Rd<br>Ottawa ON K2B 6R1       | 136.7                      | <a href="#"><u>42</u></a> |
|                    | 1083 Ambleside Drive<br>Ottawa ON K2B 8C8  | 173.5                      | <a href="#"><u>54</u></a> |
|                    | 243 New Orchard Avenue<br>Ottawa ON K2B    | 201.7                      | <a href="#"><u>66</u></a> |
|                    | 170 Woodroffe Avenue<br>Ottawa ON          | 288.8                      | <a href="#"><u>98</u></a> |



| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|----------------|---------------------|----------------|
|-------------|----------------|---------------------|----------------|

### **EXP - List of Expired Fuels Safety Facilities**

A search of the EXP database, dated Oct 2023 has found that there are 3 EXP site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>          | <u>Address</u>               | <u>Distance (m)</u> | <u>Map Key</u>     |
|----------------------|------------------------------|---------------------|--------------------|
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON | 136.7               | <a href="#">42</a> |

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 17 GEN site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                              | <u>Address</u>                                | <u>Distance (m)</u> | <u>Map Key</u>     |
|------------------------------------------|-----------------------------------------------|---------------------|--------------------|
| METRO CHRYSLER                           | 1047 Richmond Rd<br>Ottawa ON K2B 6R1         | 0.0                 | <a href="#">1</a>  |
| Extendicare Canada Inc                   | 99 New Orchard Av<br>Ottawa ON K2B 5E6        | 32.1                | <a href="#">12</a> |
| Extenicare Canada Inc.                   | 99 New Orchard Ave<br>Ottawa ON K2B 5E6       | 32.1                | <a href="#">12</a> |
| Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6 | 100.3               | <a href="#">34</a> |
| Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6 | 100.3               | <a href="#">34</a> |



| <b><u>Site</u></b>                       | <b><u>Address</u></b>                                 | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|------------------------------------------|-------------------------------------------------------|----------------------------|---------------------------|
| Kiewit-Eurovia-Vinci, Ottawa Partnership | Byron/New Orchard Street<br>Ottawa ON K2B 6T6         | 100.3                      | <a href="#"><u>34</u></a> |
| TOPS CAR WASH LTD                        | 979 RICHMOND RD<br>OTTAWA ON K2B 6R1                  | 136.7                      | <a href="#"><u>42</u></a> |
| CCC91                                    | 1100 Ambleside Drive<br>Ottawa ON K2B 8G6             | 243.3                      | <a href="#"><u>83</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | WEST CHAPEL 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.<br>44-227 | WEST CHAPEL 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON                     | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | 265.7                      | <a href="#"><u>91</u></a> |
| HULSE, PLAYFAIR & MCGARRY INC.           | 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9             | 265.7                      | <a href="#"><u>91</u></a> |



| <u>Site</u>     | <u>Address</u>                 | <u>Distance (m)</u> | <u>Map Key</u>     |
|-----------------|--------------------------------|---------------------|--------------------|
| SAIKALEY REALTY | 945 RICHMOND ROAD<br>OTTAWA ON | 288.1               | <a href="#">97</a> |

### **INC - Fuel Oil Spills and Leaks**

A search of the INC database, dated 31 Oct, 2023 has found that there are 2 INC site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>                            | <u>Distance (m)</u> | <u>Map Key</u>      |
|-------------|-------------------------------------------|---------------------|---------------------|
|             | 1208 Byron Avenue, Ottawa<br>ON           | 110.4               | <a href="#">36</a>  |
|             | 250 ANCASTER AVENUE, OTTAWA<br>ON K2B 5B4 | 297.2               | <a href="#">100</a> |

### **PINC - Pipeline Incidents**

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>         | <u>Address</u>                                      | <u>Distance (m)</u> | <u>Map Key</u>      |
|---------------------|-----------------------------------------------------|---------------------|---------------------|
| PIPELINE HIT - 1/2" | 211 WOODLAND AVENUE,,OTTAWA,ON,<br>K2B 5C8,CA<br>ON | 89.8                | <a href="#">32</a>  |
| PIPELINE HIT 1/2"   | 82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,<br>CA<br>ON      | 297.9               | <a href="#">102</a> |

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>          | <u>Address</u>                      | <u>Distance (m)</u> | <u>Map Key</u>     |
|----------------------|-------------------------------------|---------------------|--------------------|
| TOPS CAR WASH CO LTD | 979 RICHMOND RD<br>OTTAWA ON K2B6R1 | 136.7               | <a href="#">42</a> |



## **PTTW - Permit to Take Water**

A search of the PTTW database, dated 1994 - Mar 31, 2024 has found that there are 1 PTTW site(s) within approximately 0.30 kilometers of the project property.

| <b><u>Site</u></b>                                                                     | <b><u>Address</u></b>                                              | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------|---------------------------|
| Peter Kiewit Sons ULC, Eurovia<br>Quebec Grands Projets Inc., Janin Atlas<br>Inc., and | Dodin Quebec Inc. Richmond Road Ottawa,<br>ON K2B 6R2 Canada<br>ON | 72.0                       | <a href="#"><u>24</u></a> |

## **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 9 SCT site(s) within approximately 0.30 kilometers of the project property.

| <b><u>Site</u></b>                                  | <b><u>Address</u></b>                             | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>      |
|-----------------------------------------------------|---------------------------------------------------|----------------------------|----------------------------|
| Maxxeon Inc.                                        | 1025 Richmond Rd Suite 1108<br>Ottawa ON K2B 8G8  | 47.9                       | <a href="#"><u>16</u></a>  |
| Institute of Professional Management<br>Inc.        | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | 178.9                      | <a href="#"><u>56</u></a>  |
| Association of Professional Recruiters of<br>Canada | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | 178.9                      | <a href="#"><u>56</u></a>  |
| Association of Professional Recruiters<br>of Canada | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | 178.9                      | <a href="#"><u>56</u></a>  |
| Institute of Professional Mgmt                      | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | 178.9                      | <a href="#"><u>56</u></a>  |
| Assocn-Pro Recruiters of Cnd                        | 1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | 178.9                      | <a href="#"><u>56</u></a>  |
| GRAFICO SIGNS                                       | 247 HARCOURT AVE<br>OTTAWA ON K2B 5C2             | 251.8                      | <a href="#"><u>87</u></a>  |
| A & C Fur Creations Inc.                            | 212 Woodroffe Ave<br>Ottawa ON K2A 3V4            | 298.3                      | <a href="#"><u>103</u></a> |



| <u>Site</u>           | <u>Address</u>                         | <u>Distance (m)</u> | <u>Map Key</u>      |
|-----------------------|----------------------------------------|---------------------|---------------------|
| A K FUR MANUFACTURING | 212 WOODROFFE AVE<br>OTTAWA ON K2A 3V4 | 298.3               | <a href="#">103</a> |

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 34 SPL site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>          | <u>Address</u>                                                                                  | <u>Distance (m)</u> | <u>Map Key</u>     |
|----------------------|-------------------------------------------------------------------------------------------------|---------------------|--------------------|
| Kiewit<UNOFFICIAL>   | Richmond Road between Woodland and<br>Harcourt<br>Ottawa ON                                     | 6.6                 | <a href="#">9</a>  |
|                      | Ottawa ON                                                                                       | 29.4                | <a href="#">11</a> |
| Kiewit Eurovia Vinci | Byron Ave and Harcourt Ave<br>Ottawa ON                                                         | 40.2                | <a href="#">14</a> |
|                      | Woodland Avenue and Byron Avenue,<br>Ottawa, ON<br>OTTAWA ON                                    | 42.5                | <a href="#">15</a> |
| PRIVATE RESIDENCE    | MR. HERGET APT. BLDG 613-729-9437<br>1162 BYRON AVE. FURNACE OIL TANK<br>OTTAWA CITY ON K2B 6T4 | 56.4                | <a href="#">19</a> |
|                      | Byron Rd and Richmond Ave, near New<br>Orchard Ave, Ottawa ON<br>OTTAWA ON                      | 57.0                | <a href="#">20</a> |
|                      | UTMs provided. Richmond & New Orcahrd<br>Ave N<br>Ottawa ON                                     | 58.8                | <a href="#">21</a> |
|                      | Ottawa ON                                                                                       | 70.8                | <a href="#">23</a> |



| <b><u>Site</u></b>             | <b><u>Address</u></b>                                       | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------------------|-------------------------------------------------------------|----------------------------|---------------------------|
| Kiewit Eurovia Vinci           | Byron Ave @ Allison Ave<br>Ottawa ON                        | 73.1                       | <a href="#"><u>25</u></a> |
| Kiewit Eurovia Vinci           | Allison Ave and Byron Ave<br>Ottawa ON                      | 73.1                       | <a href="#"><u>25</u></a> |
| Enbridge Gas Distribution Inc. | 211 woodland Dr<br>Ottawa ON                                | 89.8                       | <a href="#"><u>32</u></a> |
| Kiewit Eurovia Vinci           | North of Byron Ave and Allison Ave<br>Ottawa ON             | 90.8                       | <a href="#"><u>33</u></a> |
|                                | Byron Avenue and New Orchard Avenue,<br>Ottawa<br>OTTAWA ON | 100.3                      | <a href="#"><u>34</u></a> |
|                                | New Orchard Avenue and Byron Avenue,<br>Ottawa<br>OTTAWA ON | 100.3                      | <a href="#"><u>34</u></a> |
|                                | Lat 45.3731 91 Lon 75.779214<br>OTTAWA ON                   | 112.8                      | <a href="#"><u>37</u></a> |
|                                | 45.37576, -75.77666<br>OTTAWA ON                            | 120.6                      | <a href="#"><u>38</u></a> |
|                                | 178 Ancaster Avenue<br>Ottawa ON K2B 5B3                    | 135.4                      | <a href="#"><u>41</u></a> |
| PRIVATE RESIDENCE              | 192 ANCASTER AVE (N.O.S.)<br>OTTAWA ON K2B 5B3              | 148.5                      | <a href="#"><u>44</u></a> |
|                                | 1224 Byron Avenue<br>ON                                     | 149.5                      | <a href="#"><u>45</u></a> |
|                                | Byron Ave and Ancaster ave Ottawa<br>OTTAWA ON              | 159.9                      | <a href="#"><u>49</u></a> |



| <b><u>Site</u></b>                      | <b><u>Address</u></b>                                                    | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|-----------------------------------------|--------------------------------------------------------------------------|----------------------------|---------------------------|
|                                         | Byron Ave and Ancaster Ave, Ottawa<br>ON                                 | 159.9                      | <a href="#"><u>49</u></a> |
|                                         | Intersection of Byron Avenue and Ancaster<br>Avenue, Ottawa<br>OTTAWA ON | 171.9                      | <a href="#"><u>52</u></a> |
|                                         | Byron and Richardson Avenue Ottawa<br>OTTAWA ON                          | 177.1                      | <a href="#"><u>55</u></a> |
|                                         | Richardson Avenue & Byron Avenue Ottawa,<br>ON<br>OTTAWA ON              | 177.1                      | <a href="#"><u>55</u></a> |
|                                         | Byron Ave and Richardson Ave, Ottawa<br>OTTAWA ON                        | 177.1                      | <a href="#"><u>55</u></a> |
|                                         | 177 Ancaster Ave.<br>OTTAWA ON                                           | 181.8                      | <a href="#"><u>57</u></a> |
| Kiewit Eurovia Vinci                    | Nepean Concession 1 ON Ottawa River, Lot<br>25<br>Ottawa ON              | 183.4                      | <a href="#"><u>58</u></a> |
| Kiewit Eurovia Vinci Ottawa Partnership | 1068 Richmond Road<br>Ottawa ON                                          | 190.0                      | <a href="#"><u>61</u></a> |
|                                         | 1068 Richmond Rd, Ottawa, ON<br>OTTAWA ON                                | 190.0                      | <a href="#"><u>61</u></a> |
| Kiewit Eurovia Vinci Ottawa Partnership | Compton Ave and Byron Ave<br>Ottawa ON                                   | 239.0                      | <a href="#"><u>77</u></a> |
| FRANCIS FUELS                           | 235 ALISON AVE. TANK TRUCK (CARGO)<br>OTTAWA CITY ON                     | 244.1                      | <a href="#"><u>84</u></a> |



| <u>Site</u>                       | <u>Address</u>                | <u>Distance (m)</u> | <u>Map Key</u>             |
|-----------------------------------|-------------------------------|---------------------|----------------------------|
| Enbridge Energy Distribution Inc. | 220 Compton Ave<br>Ottawa ON  | 246.6               | <a href="#"><u>86</u></a>  |
| Enbridge Gas Distribution Inc.    | 1991 Anthony St.<br>Ottawa ON | 289.0               | <a href="#"><u>99</u></a>  |
| Enbridge Gas Distribution Inc.    | 82 Orvigale Ave.<br>Ottawa ON | 297.9               | <a href="#"><u>102</u></a> |

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Dec 31 2023 has found that there are 36 WWIS site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>                                              | <u>Distance (m)</u> | <u>Map Key</u>           |
|-------------|-------------------------------------------------------------|---------------------|--------------------------|
|             | ON<br><i>Well ID: 7419639</i>                               | 0.0                 | <a href="#"><u>2</u></a> |
|             | ON<br><i>Well ID: 7419640</i>                               | 0.0                 | <a href="#"><u>3</u></a> |
|             | ON<br><i>Well ID: 7419636</i>                               | 0.0                 | <a href="#"><u>4</u></a> |
|             | ON<br><i>Well ID: 7419637</i>                               | 0.0                 | <a href="#"><u>5</u></a> |
|             | 99 NEW ORCHARD AVE.<br>OTTAWA ON<br><i>Well ID: 7039988</i> | 0.0                 | <a href="#"><u>6</u></a> |
|             | ON<br><i>Well ID: 7409367</i>                               | 0.0                 | <a href="#"><u>7</u></a> |
|             | ON                                                          | 0.0                 | <a href="#"><u>8</u></a> |



| <u>Site</u> | <u>Address</u>                | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|-------------------------------|---------------------|---------------------------|
|             | <i>Well ID:</i> 7409366       |                     |                           |
|             | 1071 RICHMOND RD<br>OTTAWA ON | 40.1                | <a href="#"><u>13</u></a> |
|             | <i>Well ID:</i> 7044334       |                     |                           |
|             | ON                            | 77.7                | <a href="#"><u>28</u></a> |
|             | <i>Well ID:</i> 1509027       |                     |                           |
|             | lot 25 con 1<br>ON            | 79.9                | <a href="#"><u>29</u></a> |
|             | <i>Well ID:</i> 1503902       |                     |                           |
|             | ON                            | 122.3               | <a href="#"><u>39</u></a> |
|             | <i>Well ID:</i> 1507961       |                     |                           |
|             | lot 25 con 1<br>ON            | 155.1               | <a href="#"><u>48</u></a> |
|             | <i>Well ID:</i> 1503894       |                     |                           |
|             | lot 25 con 1<br>ON            | 163.6               | <a href="#"><u>50</u></a> |
|             | <i>Well ID:</i> 1503896       |                     |                           |
|             | ON                            | 172.5               | <a href="#"><u>53</u></a> |
|             | <i>Well ID:</i> 1507778       |                     |                           |
|             | ON                            | 187.4               | <a href="#"><u>59</u></a> |
|             | <i>Well ID:</i> 1508046       |                     |                           |
|             | ON                            | 190.7               | <a href="#"><u>62</u></a> |
|             | <i>Well ID:</i> 1508854       |                     |                           |
|             | lot 25 con 1<br>ON            | 191.3               | <a href="#"><u>63</u></a> |
|             | <i>Well ID:</i> 1503898       |                     |                           |
|             | ON                            | 192.4               | <a href="#"><u>64</u></a> |
|             | <i>Well ID:</i> 1508934       |                     |                           |

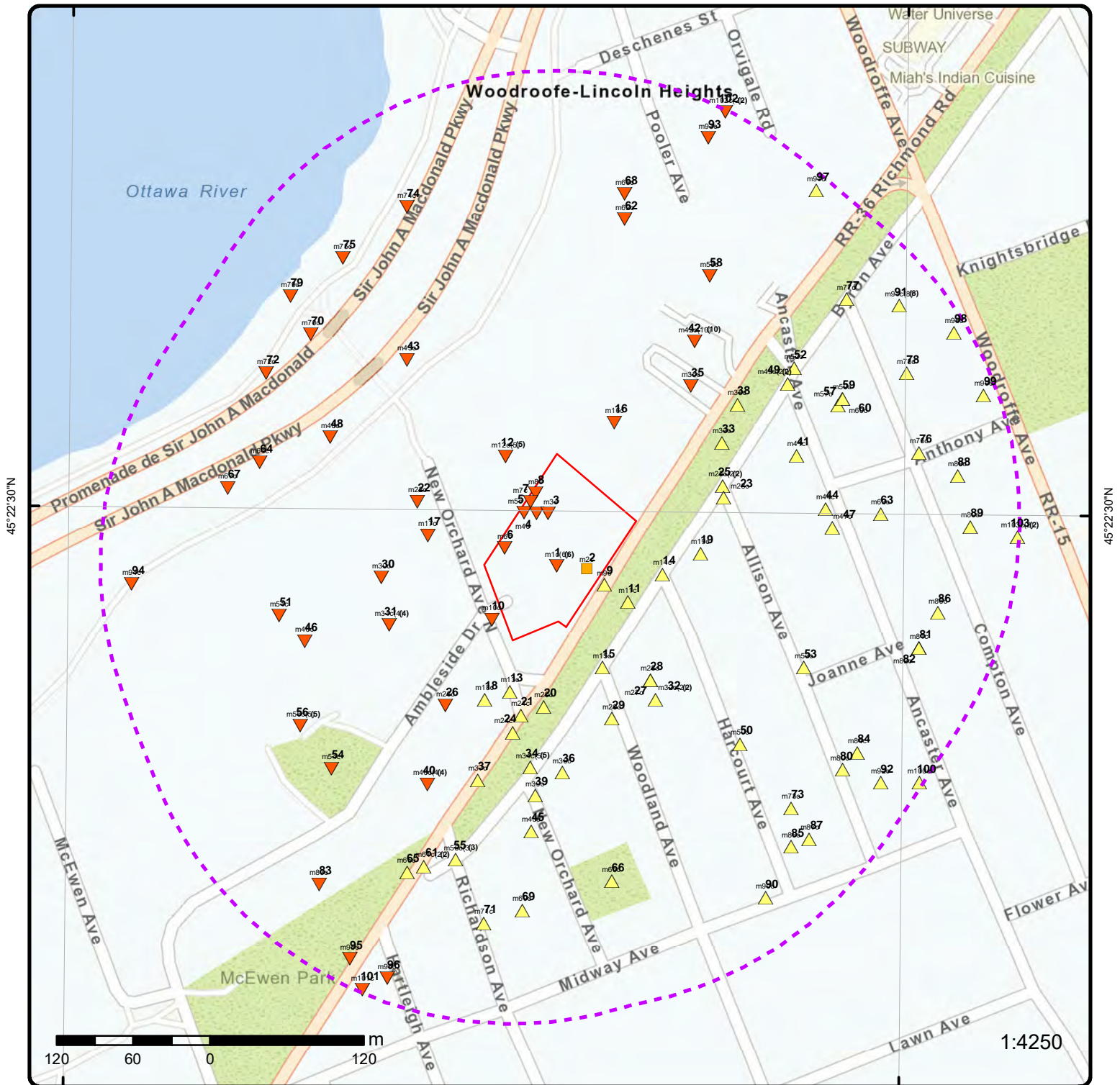


| <u>Site</u> | <u>Address</u>                                | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|-----------------------------------------------|---------------------|---------------------------|
|             | ON<br><i>Well ID:</i> 1508855                 | 210.0               | <a href="#"><u>68</u></a> |
|             | ON<br><i>Well ID:</i> 1508933                 | 211.6               | <a href="#"><u>70</u></a> |
|             | ON<br><i>Well ID:</i> 1508258                 | 222.2               | <a href="#"><u>71</u></a> |
|             | ON<br><i>Well ID:</i> 1508935                 | 224.3               | <a href="#"><u>72</u></a> |
|             | ON<br><i>Well ID:</i> 1507779                 | 225.6               | <a href="#"><u>73</u></a> |
|             | ON<br><i>Well ID:</i> 1508936                 | 225.8               | <a href="#"><u>74</u></a> |
|             | lot 25 con 1<br>ON<br><i>Well ID:</i> 1503899 | 226.6               | <a href="#"><u>75</u></a> |
|             | ON<br><i>Well ID:</i> 1508044                 | 240.8               | <a href="#"><u>78</u></a> |
|             | ON<br><i>Well ID:</i> 1508898                 | 241.4               | <a href="#"><u>79</u></a> |
|             | ON<br><i>Well ID:</i> 1507780                 | 241.5               | <a href="#"><u>80</u></a> |
|             | ON<br><i>Well ID:</i> 1507805                 | 242.5               | <a href="#"><u>82</u></a> |
|             | lot 25 con 1<br>ON                            | 245.5               | <a href="#"><u>85</u></a> |



| <u>Site</u> | <u>Address</u>                  | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|---------------------------------|---------------------|---------------------------|
|             | <i>Well ID:</i> 1503895         |                     |                           |
|             | lot 25 con 1<br>ON              | 253.7               | <a href="#"><u>88</u></a> |
|             | <i>Well ID:</i> 1503890         |                     |                           |
|             | lot 25 con 1<br>ON              | 261.3               | <a href="#"><u>89</u></a> |
|             | <i>Well ID:</i> 1503889         |                     |                           |
|             | lot 25 con 1<br>ON              | 262.6               | <a href="#"><u>90</u></a> |
|             | <i>Well ID:</i> 1503897         |                     |                           |
|             | lot 25 con 1<br>ON              | 272.1               | <a href="#"><u>92</u></a> |
|             | <i>Well ID:</i> 1503893         |                     |                           |
|             | lot 25 con 1<br>ON              | 275.5               | <a href="#"><u>94</u></a> |
|             | <i>Well ID:</i> 1503892         |                     |                           |
|             | 1142 RICHMOND ROAD<br>OTTAWA ON | 279.6               | <a href="#"><u>95</u></a> |
|             | <i>Well ID:</i> 1535367         |                     |                           |



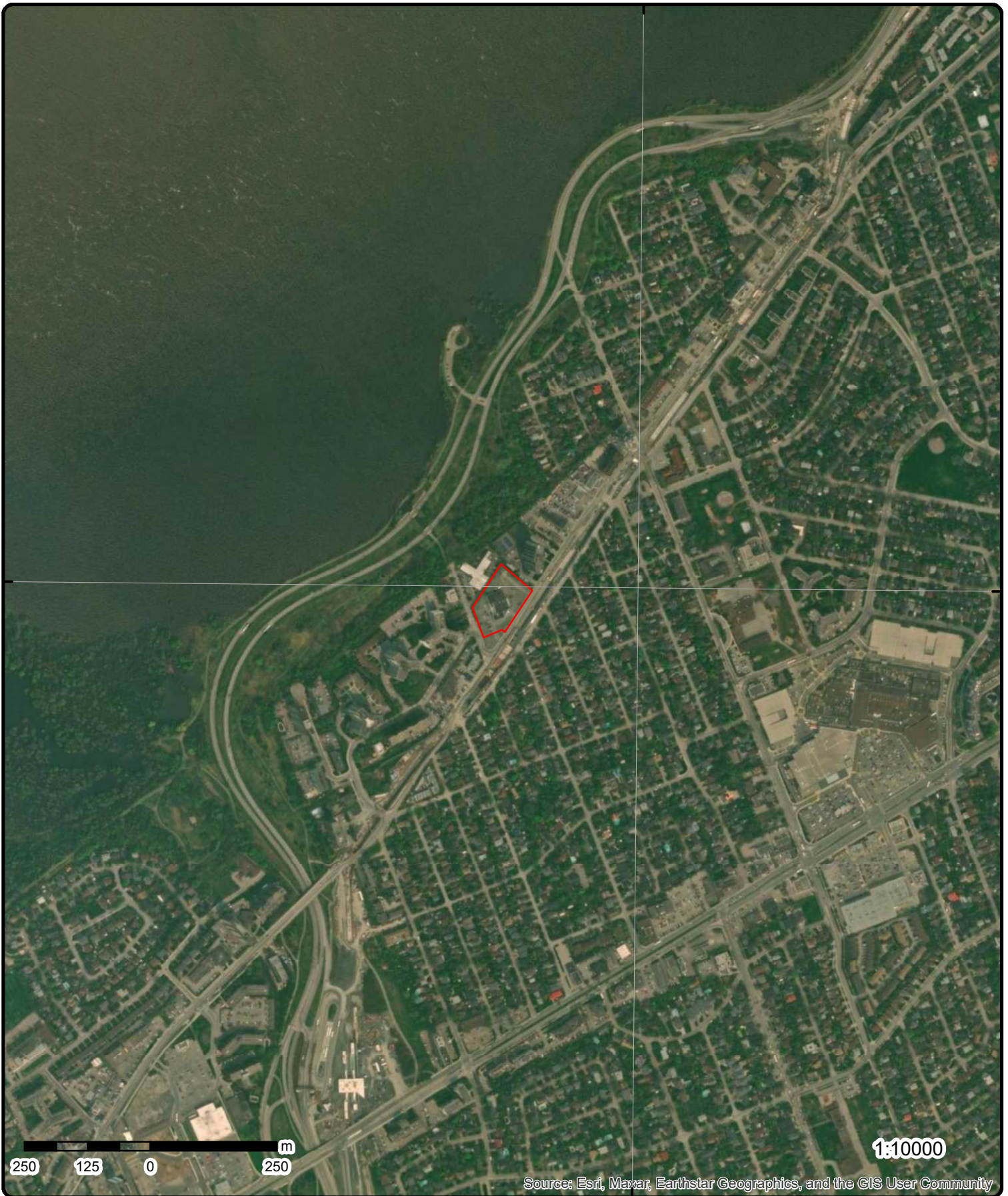




75°46'30"W

45°22'30"N

45°22'30"N



**Aerial** Year: 2023

Order Number: 24062502224

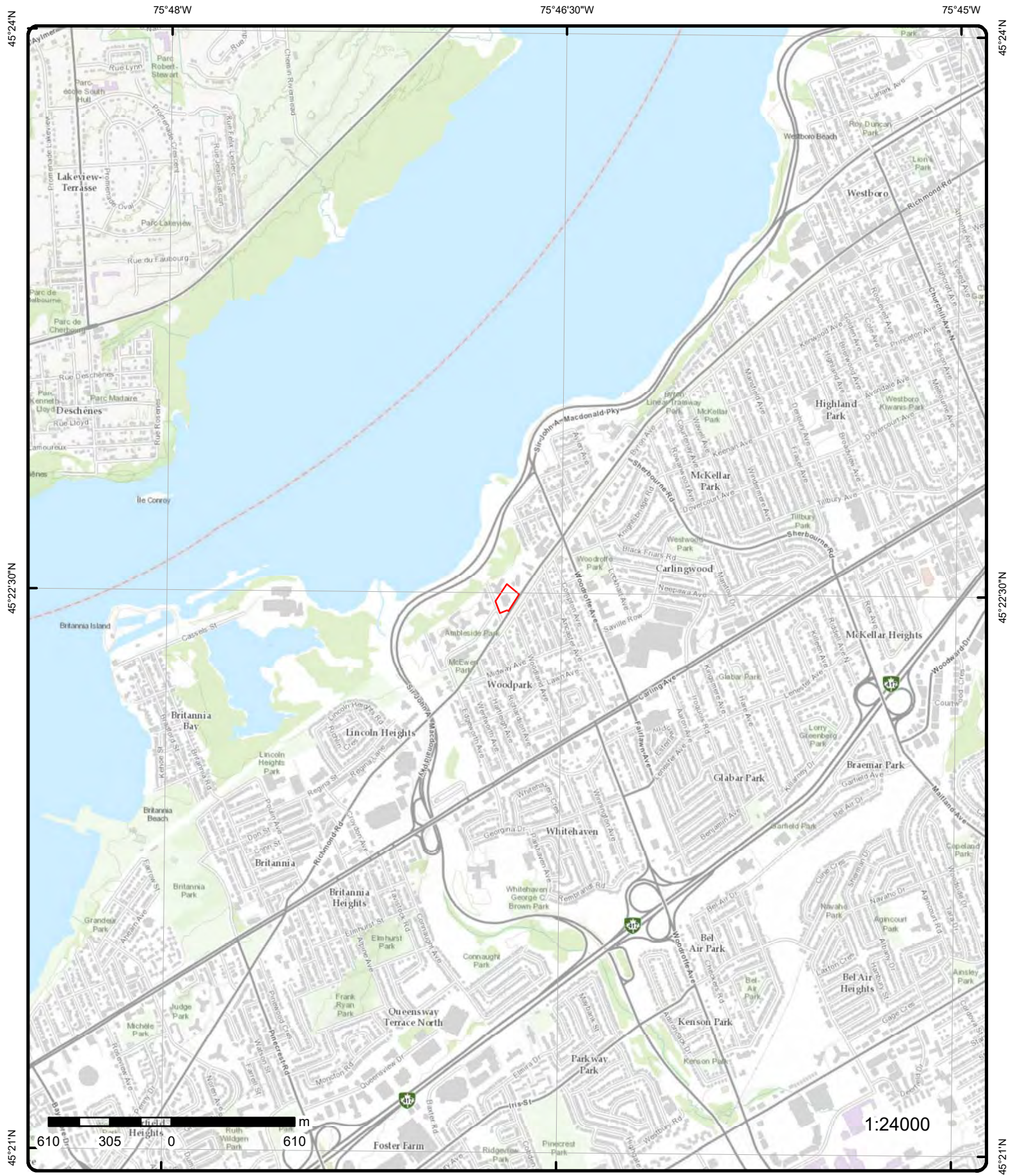
**Address:** n/a, Ottawa, ON



**Source:** ESRI World Imagery

© ERIS Information Limited Partnership







## Detail Report

| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                    | DB   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------------------------------|------|
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 of 6            | S/0.0                      | 63.6 / -0.67     | METRO PLYMOUTH-CHRYSLER LIMITED<br>1047 RICHMOND ROAD<br>OTTAWA CITY ON K2B 6R1         | CA   |
| <p> <b>Certificate #:</b> 8-4122-97-<br/> <b>Application Year:</b> 97<br/> <b>Issue Date:</b> 9/9/1997<br/> <b>Approval Type:</b> Industrial air<br/> <b>Status:</b> Approved<br/> <b>Application Type:</b><br/> <b>Client Name:</b><br/> <b>Client Address:</b><br/> <b>Client City:</b><br/> <b>Client Postal Code:</b><br/> <b>Project Description:</b> WASTE OIL FURNACE MODEL CB-5000<br/> <b>Contaminants:</b><br/> <b>Emission Control:</b> </p>                                                                                                                                                                                                                                                                                                                                                                                |                   |                            |                  |                                                                                         |      |
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 of 6            | S/0.0                      | 63.6 / -0.67     | Metro Plymouth-chrysler Ltd.<br>1047 RICHMOND ROAD, OTTAWA CITY CITY OF<br>OTTAWA<br>ON | EBR  |
| <p> <b>EBR Registry No:</b> IA7E1127<br/> <b>Ministry Ref No:</b> 8412297 19970715<br/> <b>Notice Type:</b> Instrument Decision<br/> <b>Notice Stage:</b><br/> <b>Notice Date:</b> September 09, 1997<br/> <b>Proposal Date:</b> July 31, 1997<br/> <b>Year:</b> 1997<br/> <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)<br/> <b>Off Instrument Name:</b><br/> <b>Posted By:</b><br/> <b>Company Name:</b> Metro Plymouth-chrysler Ltd.<br/> <b>Site Address:</b><br/> <b>Location Other:</b><br/> <b>Proponent Name:</b><br/> <b>Proponent Address:</b> 1047 Richmond Road, Ottawa Ontario, K2B 6R1<br/> <b>Comment Period:</b><br/> <b>URL:</b><br/> <b>Site Location Details:</b><br/>           1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA         </p> |                   |                            |                  |                                                                                         |      |
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 of 6            | S/0.0                      | 63.6 / -0.67     | Metro Plymouth Chrysler Ltd.<br>1047 RICHMOND RD<br>OTTAWA ON K2B 6R1                   | EASR |
| <p> <b>Approval No:</b> R-001-6266482893<br/> <b>Status:</b> REGISTERED<br/> <b>MOE District:</b> Ottawa<br/> <b>Municipality:</b> OTTAWA         </p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                            |                  |                                                                                         |      |



| Map Key                                                                                                                                                                                                                                                                                                                                        | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                           | DB   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|----------------------------------------------------------------|------|
| <b>Date:</b> 2012-10-30<br><b>Record Type:</b> EASR<br><b>Link Source:</b> MOFA<br><b>Project Type:</b> Automotive Refinishing Facility<br><b>Full Address:</b><br><b>Approval Type:</b> EASR-Automotive Refinishing Facility<br><b>SWP Area Name:</b> Rideau Valley<br><b>PDF NAICS Code:</b><br><b>PDF URL:</b><br><b>PDF Site Location:</b> |                   |                            |                  |                                                                |      |
| <b>Latitude:</b> 45.374634<br><b>Longitude:</b> -75.77845<br><b>Geometry X:</b><br><b>Geometry Y:</b>                                                                                                                                                                                                                                          |                   |                            |                  |                                                                |      |
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                              | 4 of 6            | S/0.0                      | 63.6 / -0.67     | <b>METRO CHRYSLER</b><br>1047 Richmond Rd<br>Ottawa ON K2B 6R1 | GEN  |
| <b>Generator No:</b> ON3489345<br><b>SIC Code:</b><br><b>SIC Description:</b><br><b>Approval Years:</b> As of Nov 2021<br><b>PO Box No:</b><br><b>Country:</b> Canada<br><b>Status:</b> Registered<br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b>        |                   |                            |                  |                                                                |      |
| <b>Detail(s)</b>                                                                                                                                                                                                                                                                                                                               |                   |                            |                  |                                                                |      |
| <b>Waste Class:</b> 251 L<br><b>Waste Class Name:</b> Waste oils/sludges (petroleum based)                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                |      |
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                              | 5 of 6            | S/0.0                      | 63.6 / -0.67     | 1047 Richmond Road, Ottawa, ON<br>Ottawa ON                    | EHS  |
| <b>Order No:</b> 23062000545<br><b>Status:</b> C<br><b>Report Type:</b> Custom Report<br><b>Report Date:</b> 23-JUN-23<br><b>Date Received:</b> 20-JUN-23<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>                                                                                        |                   |                            |                  |                                                                |      |
| <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.77862607<br><b>Y:</b> 45.37405835                                                                                                                                                                      |                   |                            |                  |                                                                |      |
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                              | 6 of 6            | S/0.0                      | 63.6 / -0.67     | 1047 Richmond Road<br>Ottawa ON K2B 6R1                        | EHS  |
| <b>Order No:</b> 21083000552<br><b>Status:</b> C<br><b>Report Type:</b> Custom Report<br><b>Report Date:</b> 14-SEP-21<br><b>Date Received:</b> 30-AUG-21<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos    |                   |                            |                  |                                                                |      |
| <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.7784471<br><b>Y:</b> 45.3746125                                                                                                                                                                        |                   |                            |                  |                                                                |      |
| <a href="#">2</a>                                                                                                                                                                                                                                                                                                                              | 1 of 1            | ESE/0.0                    | 64.3 / 0.00      |                                                                | WWIS |



| Map Key                           | Number of Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB                             |
|-----------------------------------|----------------------|----------------------------|------------------|--------------------|--------------------------------|
| ON                                |                      |                            |                  |                    |                                |
| Well ID:                          | 7419639              |                            |                  | Flowing (Y/N):     |                                |
| Construction Date:                |                      |                            |                  | Flow Rate:         |                                |
| Use 1st:                          |                      |                            |                  | Data Entry Status: | Yes                            |
| Use 2nd:                          |                      |                            |                  | Data Src:          |                                |
| Final Well Status:                |                      |                            |                  | Date Received:     | 06/09/2022                     |
| Water Type:                       |                      |                            |                  | Selected Flag:     | TRUE                           |
| Casing Material:                  |                      |                            |                  | Abandonment Rec:   |                                |
| Audit No:                         | Z379481              |                            |                  | Contractor:        | 7241                           |
| Tag:                              | A349386              |                            |                  | Form Version:      | 7                              |
| Constructn Method:                |                      |                            |                  | Owner:             |                                |
| Elevation (m):                    |                      |                            |                  | County:            | OTTAWA-CARLETON                |
| Elevatn Reliabilty:               |                      |                            |                  | Lot:               |                                |
| Depth to Bedrock:                 |                      |                            |                  | Concession:        |                                |
| Well Depth:                       |                      |                            |                  | Concession Name:   |                                |
| Overburden/Bedrock:               |                      |                            |                  | Easting NAD83:     |                                |
| Pump Rate:                        |                      |                            |                  | Northing NAD83:    |                                |
| Static Water Level:               |                      |                            |                  | Zone:              |                                |
| Clear/Cloudy:                     |                      |                            |                  | UTM Reliability:   |                                |
| Municipality:                     | NEPEAN TOWNSHIP      |                            |                  |                    |                                |
| Site Info:                        |                      |                            |                  |                    |                                |
| <u>Additional Detail(s) (Map)</u> |                      |                            |                  |                    |                                |
| Bore Hole ID:                     | 1009057993           |                            |                  | Tag No:            | A349386                        |
| Depth M:                          |                      |                            |                  | Contractor:        | 7241                           |
| Year Completed:                   | 2022                 |                            |                  | Latitude:          | 45.3745949533653               |
| Well Completed Dt:                | 05/12/2022           |                            |                  | Longitude:         | -75.7781479545996              |
| Audit No:                         | Z379481              |                            |                  | Y:                 | 45.37459494600888              |
| Path:                             |                      |                            |                  | X:                 | -75.77814779305046             |
| <u>Bore Hole Information</u>      |                      |                            |                  |                    |                                |
| Bore Hole ID:                     | 1009057993           |                            |                  | Elevation:         |                                |
| DP2BR:                            |                      |                            |                  | Elevrc:            |                                |
| Spatial Status:                   |                      |                            |                  | Zone:              | 18                             |
| Code OB:                          |                      |                            |                  | East83:            | 439071.00                      |
| Code OB Desc:                     |                      |                            |                  | North83:           | 5024859.00                     |
| Open Hole:                        |                      |                            |                  | Org CS:            | UTM83                          |
| Cluster Kind:                     |                      |                            |                  | UTMRC:             | 4                              |
| Date Completed:                   | 05/12/2022           |                            |                  | UTMRC Desc:        | margin of error : 30 m - 100 m |
| Remarks:                          |                      |                            |                  | Location Method:   | wwr                            |
| Location Method Desc:             | on Water Well Record |                            |                  |                    |                                |
| Elevrc Desc:                      |                      |                            |                  |                    |                                |
| Location Source Date:             |                      |                            |                  |                    |                                |
| Improvement Location Source:      |                      |                            |                  |                    |                                |
| Improvement Location Method:      |                      |                            |                  |                    |                                |
| Source Revision Comment:          |                      |                            |                  |                    |                                |
| Supplier Comment:                 |                      |                            |                  |                    |                                |

|                    |         |         |              |                    |            |
|--------------------|---------|---------|--------------|--------------------|------------|
| <u>3</u>           | 1 of 1  | NNW/0.0 | 62.4 / -1.90 | ON                 | WWIS       |
| ON                 |         |         |              |                    |            |
| Well ID:           | 7419640 |         |              | Flowing (Y/N):     |            |
| Construction Date: |         |         |              | Flow Rate:         |            |
| Use 1st:           |         |         |              | Data Entry Status: | Yes        |
| Use 2nd:           |         |         |              | Data Src:          |            |
| Final Well Status: |         |         |              | Date Received:     | 06/09/2022 |
| Water Type:        |         |         |              | Selected Flag:     | TRUE       |
| Casing Material:   |         |         |              | Abandonment Rec:   |            |
| Audit No:          | Z379480 |         |              | Contractor:        | 7241       |
| Tag:               | A349390 |         |              | Form Version:      | 7          |



|                            |                 |        |              |                           |                 |
|----------------------------|-----------------|--------|--------------|---------------------------|-----------------|
| <u>4</u>                   | 1 of 1          | NW/0.0 | 62.3 / -2.00 | ON                        | WWIS            |
| <b>Well ID:</b>            | 7419636         |        |              | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |                 |        |              | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            |                 |        |              | <b>Data Entry Status:</b> | Yes             |
| <b>Use 2nd:</b>            |                 |        |              | <b>Data Src:</b>          |                 |
| <b>Final Well Status:</b>  |                 |        |              | <b>Date Received:</b>     | 06/09/2022      |
| <b>Water Type:</b>         |                 |        |              | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |                 |        |              | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           | Z385921         |        |              | <b>Contractor:</b>        | 7241            |
| <b>Tag:</b>                | A349384         |        |              | <b>Form Version:</b>      | 7               |
| <b>Constructn Method:</b>  |                 |        |              | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |                 |        |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                 |        |              | <b>Lot:</b>               |                 |
| <b>Depth to Bedrock:</b>   |                 |        |              | <b>Concession:</b>        |                 |
| <b>Well Depth:</b>         |                 |        |              | <b>Concession Name:</b>   |                 |
| <b>Overburden/Bedrock:</b> |                 |        |              | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>          |                 |        |              | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b> |                 |        |              | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>       |                 |        |              | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>       | NEPEAN TOWNSHIP |        |              |                           |                 |
| <b>Site Info:</b>          |                 |        |              |                           |                 |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB                             |
|------------------------------------------|----------------------|----------------------------|------------------|--------------------|--------------------------------|
| <b><u>Additional Detail(s) (Map)</u></b> |                      |                            |                  |                    |                                |
| Bore Hole ID:                            | 1009057984           |                            |                  | Tag No:            | A349384                        |
| Depth M:                                 |                      |                            |                  | Contractor:        | 7241                           |
| Year Completed:                          | 2022                 |                            |                  | Latitude:          | 45.3749785806806               |
| Well Completed Dt:                       | 05/09/2022           |                            |                  | Longitude:         | -75.7786513040808              |
| Audit No:                                | Z385921              |                            |                  | Y:                 | 45.37497857428102              |
| Path:                                    |                      |                            |                  | X:                 | -75.77865114226095             |
| <b><u>Bore Hole Information</u></b>      |                      |                            |                  |                    |                                |
| Bore Hole ID:                            | 1009057984           |                            |                  | Elevation:         |                                |
| DP2BR:                                   |                      |                            |                  | Elevrc:            |                                |
| Spatial Status:                          |                      |                            |                  | Zone:              | 18                             |
| Code OB:                                 |                      |                            |                  | East83:            | 439032.00                      |
| Code OB Desc:                            |                      |                            |                  | North83:           | 5024902.00                     |
| Open Hole:                               |                      |                            |                  | Org CS:            | UTM83                          |
| Cluster Kind:                            |                      |                            |                  | UTMRC:             | 4                              |
| Date Completed:                          | 05/09/2022           |                            |                  | UTMRC Desc:        | margin of error : 30 m - 100 m |
| Remarks:                                 |                      |                            |                  | Location Method:   | wwr                            |
| Location Method Desc:                    | on Water Well Record |                            |                  |                    |                                |
| Elevrc Desc:                             |                      |                            |                  |                    |                                |
| Location Source Date:                    |                      |                            |                  |                    |                                |
| Improvement Location Source:             |                      |                            |                  |                    |                                |
| Improvement Location Method:             |                      |                            |                  |                    |                                |
| Source Revision Comment:                 |                      |                            |                  |                    |                                |
| Supplier Comment:                        |                      |                            |                  |                    |                                |
|                                          |                      |                            |                  |                    |                                |
| 5                                        | 1 of 1               | NW/0.0                     | 62.3 / -2.00     | ON                 | WWIS                           |
| Well ID:                                 | 7419637              |                            |                  | Flowing (Y/N):     |                                |
| Construction Date:                       |                      |                            |                  | Flow Rate:         |                                |
| Use 1st:                                 |                      |                            |                  | Data Entry Status: | Yes                            |
| Use 2nd:                                 |                      |                            |                  | Data Src:          |                                |
| Final Well Status:                       |                      |                            |                  | Date Received:     | 06/09/2022                     |
| Water Type:                              |                      |                            |                  | Selected Flag:     | TRUE                           |
| Casing Material:                         |                      |                            |                  | Abandonment Rec:   |                                |
| Audit No:                                | Z385920              |                            |                  | Contractor:        | 7241                           |
| Tag:                                     | A349385              |                            |                  | Form Version:      | 7                              |
| Constructn Method:                       |                      |                            |                  | Owner:             |                                |
| Elevation (m):                           |                      |                            |                  | County:            | OTTAWA-CARLETON                |
| Elevatn Reliabilty:                      |                      |                            |                  | Lot:               |                                |
| Depth to Bedrock:                        |                      |                            |                  | Concession:        |                                |
| Well Depth:                              |                      |                            |                  | Concession Name:   |                                |
| Overburden/Bedrock:                      |                      |                            |                  | Easting NAD83:     |                                |
| Pump Rate:                               |                      |                            |                  | Northing NAD83:    |                                |
| Static Water Level:                      |                      |                            |                  | Zone:              |                                |
| Clear/Cloudy:                            |                      |                            |                  | UTM Reliability:   |                                |
| Municipality:                            | NEPEAN TOWNSHIP      |                            |                  |                    |                                |
| Site Info:                               |                      |                            |                  |                    |                                |
| <b><u>Additional Detail(s) (Map)</u></b> |                      |                            |                  |                    |                                |
| Bore Hole ID:                            | 1009057987           |                            |                  | Tag No:            | A349385                        |
| Depth M:                                 |                      |                            |                  | Contractor:        | 7241                           |
| Year Completed:                          | 2022                 |                            |                  | Latitude:          | 45.3749867105019               |
| Well Completed Dt:                       | 04/09/2022           |                            |                  | Longitude:         | -75.7787791305183              |
| Audit No:                                | Z385920              |                            |                  | Y:                 | 45.37498670452635              |
| Path:                                    |                      |                            |                  | X:                 | -75.77877896888961             |



| Map Key                             | Number of Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                    | DB                             |
|-------------------------------------|----------------------|----------------------------|------------------|-------------------------|--------------------------------|
| <b><u>Bore Hole Information</u></b> |                      |                            |                  |                         |                                |
| <b>Bore Hole ID:</b>                | 1009057987           |                            |                  | <b>Elevation:</b>       |                                |
| <b>DP2BR:</b>                       |                      |                            |                  | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |                      |                            |                  | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |                      |                            |                  | <b>East83:</b>          | 439022.00                      |
| <b>Code OB Desc:</b>                |                      |                            |                  | <b>North83:</b>         | 5024903.00                     |
| <b>Open Hole:</b>                   |                      |                            |                  | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |                      |                            |                  | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 04/09/2022           |                            |                  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |                      |                            |                  | <b>Location Method:</b> | wwr                            |
| <b>Location Method Desc:</b>        | on Water Well Record |                            |                  |                         |                                |
| <b>Elevrc Desc:</b>                 |                      |                            |                  |                         |                                |
| <b>Location Source Date:</b>        |                      |                            |                  |                         |                                |
| <b>Improvement Location Source:</b> |                      |                            |                  |                         |                                |
| <b>Improvement Location Method:</b> |                      |                            |                  |                         |                                |
| <b>Source Revision Comment:</b>     |                      |                            |                  |                         |                                |
| <b>Supplier Comment:</b>            |                      |                            |                  |                         |                                |

|                            |                                                                                                                                                                                                           |              |                     |                                          |                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------|------------------------------------------|-----------------|
| <b><u>6</u></b>            | <b>1 of 1</b>                                                                                                                                                                                             | <b>W/0.0</b> | <b>61.7 / -2.59</b> | <b>99 NEW ORCHARD AVE.<br/>OTTAWA ON</b> | <b>WWIS</b>     |
| <b>Well ID:</b>            | 7039988                                                                                                                                                                                                   |              |                     | <b>Flowing (Y/N):</b>                    |                 |
| <b>Construction Date:</b>  |                                                                                                                                                                                                           |              |                     | <b>Flow Rate:</b>                        |                 |
| <b>Use 1st:</b>            |                                                                                                                                                                                                           |              |                     | <b>Data Entry Status:</b>                |                 |
| <b>Use 2nd:</b>            |                                                                                                                                                                                                           |              |                     | <b>Data Src:</b>                         |                 |
| <b>Final Well Status:</b>  | Test Hole                                                                                                                                                                                                 |              |                     | <b>Date Received:</b>                    | 01/25/2007      |
| <b>Water Type:</b>         |                                                                                                                                                                                                           |              |                     | <b>Selected Flag:</b>                    | TRUE            |
| <b>Casing Material:</b>    |                                                                                                                                                                                                           |              |                     | <b>Abandonment Rec:</b>                  |                 |
| <b>Audit No:</b>           | Z34829                                                                                                                                                                                                    |              |                     | <b>Contractor:</b>                       | 6964            |
| <b>Tag:</b>                | A032132                                                                                                                                                                                                   |              |                     | <b>Form Version:</b>                     | 3               |
| <b>Constructn Method:</b>  |                                                                                                                                                                                                           |              |                     | <b>Owner:</b>                            |                 |
| <b>Elevation (m):</b>      |                                                                                                                                                                                                           |              |                     | <b>County:</b>                           | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                                                                                                                                                                                                           |              |                     | <b>Lot:</b>                              |                 |
| <b>Depth to Bedrock:</b>   |                                                                                                                                                                                                           |              |                     | <b>Concession:</b>                       |                 |
| <b>Well Depth:</b>         |                                                                                                                                                                                                           |              |                     | <b>Concession Name:</b>                  |                 |
| <b>Overburden/Bedrock:</b> |                                                                                                                                                                                                           |              |                     | <b>Easting NAD83:</b>                    |                 |
| <b>Pump Rate:</b>          |                                                                                                                                                                                                           |              |                     | <b>Northing NAD83:</b>                   |                 |
| <b>Static Water Level:</b> |                                                                                                                                                                                                           |              |                     | <b>Zone:</b>                             |                 |
| <b>Clear/Cloudy:</b>       |                                                                                                                                                                                                           |              |                     | <b>UTM Reliability:</b>                  |                 |
| <b>Municipality:</b>       | OTTAWA CITY                                                                                                                                                                                               |              |                     |                                          |                 |
| <b>Site Info:</b>          |                                                                                                                                                                                                           |              |                     |                                          |                 |
| <b>PDF URL (Map):</b>      | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf</a> |              |                     |                                          |                 |

**Additional Detail(s) (Map)**

**Well Completed Date:** 12/07/2006  
**Year Completed:** 2006  
**Depth (m):** 4.15  
**Latitude:** 45.3747333902008  
**Longitude:** -75.7789672247637  
**X:** -75.77896706349291  
**Y:** 45.37473338302534  
**Path:** 703\7039988.pdf

**Bore Hole Information**

|                        |          |                   |           |
|------------------------|----------|-------------------|-----------|
| <b>Bore Hole ID:</b>   | 11762304 | <b>Elevation:</b> |           |
| <b>DP2BR:</b>          |          | <b>Elevrc:</b>    |           |
| <b>Spatial Status:</b> |          | <b>Zone:</b>      | 18        |
| <b>Code OB:</b>        |          | <b>East83:</b>    | 439007.00 |



| Map Key                              | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                    | DB                          |
|--------------------------------------|----------------------|----------------------------|------------------|-------------------------|-----------------------------|
| <b>Code OB Desc:</b>                 |                      |                            |                  | <b>North83:</b>         | 5024875.00                  |
| <b>Open Hole:</b>                    |                      |                            |                  | <b>Org CS:</b>          | UTM83                       |
| <b>Cluster Kind:</b>                 |                      |                            |                  | <b>UTMRC:</b>           | 3                           |
| <b>Date Completed:</b>               |                      | 12/07/2006                 |                  | <b>UTMRC Desc:</b>      | margin of error : 10 - 30 m |
| <b>Remarks:</b>                      |                      |                            |                  | <b>Location Method:</b> | wwr                         |
| <b>Location Method Desc:</b>         |                      | on Water Well Record       |                  |                         |                             |
| <b>Elevrc Desc:</b>                  |                      |                            |                  |                         |                             |
| <b>Location Source Date:</b>         |                      |                            |                  |                         |                             |
| <b>Improvement Location Source:</b>  |                      |                            |                  |                         |                             |
| <b>Improvement Location Method:</b>  |                      |                            |                  |                         |                             |
| <b>Source Revision Comment:</b>      |                      |                            |                  |                         |                             |
| <b>Supplier Comment:</b>             |                      |                            |                  |                         |                             |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |                         |                             |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |                         |                             |
| <b>Formation ID:</b>                 |                      | 933089092                  |                  |                         |                             |
| <b>Layer:</b>                        |                      | 1                          |                  |                         |                             |
| <b>Color:</b>                        |                      | 6                          |                  |                         |                             |
| <b>General Color:</b>                |                      | BROWN                      |                  |                         |                             |
| <b>Material 1:</b>                   |                      | 28                         |                  |                         |                             |
| <b>Material 1 Desc:</b>              |                      | SAND                       |                  |                         |                             |
| <b>Material 2:</b>                   |                      | 84                         |                  |                         |                             |
| <b>Material 2 Desc:</b>              |                      | SILTY                      |                  |                         |                             |
| <b>Material 3:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 3 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Formation Top Depth:</b>          |                      | 0.0                        |                  |                         |                             |
| <b>Formation End Depth:</b>          |                      | 0.6000000238418579         |                  |                         |                             |
| <b>Formation End Depth UOM:</b>      |                      | m                          |                  |                         |                             |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |                         |                             |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |                         |                             |
| <b>Formation ID:</b>                 |                      | 933089093                  |                  |                         |                             |
| <b>Layer:</b>                        |                      | 2                          |                  |                         |                             |
| <b>Color:</b>                        |                      | 6                          |                  |                         |                             |
| <b>General Color:</b>                |                      | BROWN                      |                  |                         |                             |
| <b>Material 1:</b>                   |                      | 28                         |                  |                         |                             |
| <b>Material 1 Desc:</b>              |                      | SAND                       |                  |                         |                             |
| <b>Material 2:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 2 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Material 3:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 3 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Formation Top Depth:</b>          |                      | 0.6000000238418579         |                  |                         |                             |
| <b>Formation End Depth:</b>          |                      | 1.2000000476837158         |                  |                         |                             |
| <b>Formation End Depth UOM:</b>      |                      | m                          |                  |                         |                             |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |                         |                             |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |                         |                             |
| <b>Formation ID:</b>                 |                      | 933089094                  |                  |                         |                             |
| <b>Layer:</b>                        |                      | 3                          |                  |                         |                             |
| <b>Color:</b>                        |                      |                            |                  |                         |                             |
| <b>General Color:</b>                |                      |                            |                  |                         |                             |
| <b>Material 1:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 1 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Material 2:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 2 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Material 3:</b>                   |                      |                            |                  |                         |                             |
| <b>Material 3 Desc:</b>              |                      |                            |                  |                         |                             |
| <b>Formation Top Depth:</b>          |                      | 1.2000000476837158         |                  |                         |                             |
| <b>Formation End Depth:</b>          |                      | 1.5499999523162842         |                  |                         |                             |
| <b>Formation End Depth UOM:</b>      |                      | m                          |                  |                         |                             |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 933089095                  |                  |      |    |
| Layer:                                                      |                      | 4                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      |                            |                  |      |    |
| Material 1 Desc:                                            |                      |                            |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 1.5499999523162842         |                  |      |    |
| Formation End Depth:                                        |                      | 4.150000095367432          |                  |      |    |
| Formation End Depth UOM:                                    |                      | m                          |                  |      |    |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                      |                            |                  |      |    |
| Plug ID:                                                    |                      | 933312589                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Plug From:                                                  |                      | 1.2999999523162842         |                  |      |    |
| Plug To:                                                    |                      | 1.600000023841858          |                  |      |    |
| Plug Depth UOM:                                             |                      | m                          |                  |      |    |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                      |                            |                  |      |    |
| Plug ID:                                                    |                      | 933312588                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Plug From:                                                  |                      | 0.30000001192092896        |                  |      |    |
| Plug To:                                                    |                      | 0.6000000238418579         |                  |      |    |
| Plug Depth UOM:                                             |                      | m                          |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 967039988                  |                  |      |    |
| Method Construction Code:                                   |                      | 7                          |                  |      |    |
| Method Construction:                                        |                      | Diamond                    |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 11769994                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930894859                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Material:                                                   |                      | 5                          |                  |      |    |
| Open Hole or Material:                                      |                      | PLASTIC                    |                  |      |    |
| Depth From:                                                 |                      | 0.10000000149011612        |                  |      |    |
| Depth To:                                                   |                      | 1.7000000476837158         |                  |      |    |
| Casing Diameter:                                            |                      | 3.5                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | cm                         |                  |      |    |



| Map Key                                    | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------------|----------------------|----------------------------|------------------|------|----|
| Casing Depth UOM:                          |                      | m                          |                  |      |    |
| <b><u>Construction Record - Screen</u></b> |                      |                            |                  |      |    |
| Screen ID:                                 |                      | 933422744                  |                  |      |    |
| Layer:                                     |                      | 1                          |                  |      |    |
| Slot:                                      |                      | 10                         |                  |      |    |
| Screen Top Depth:                          |                      | 1.7000000476837158         |                  |      |    |
| Screen End Depth:                          |                      | 4.150000095367432          |                  |      |    |
| Screen Material:                           |                      | 5                          |                  |      |    |
| Screen Depth UOM:                          |                      | m                          |                  |      |    |
| Screen Diameter UOM:                       |                      | cm                         |                  |      |    |
| Screen Diameter:                           |                      | 4.099999904632568          |                  |      |    |
| <b><u>Hole Diameter</u></b>                |                      |                            |                  |      |    |
| Hole ID:                                   |                      | 11848468                   |                  |      |    |
| Diameter:                                  |                      | 6.0                        |                  |      |    |
| Depth From:                                |                      | 1.2999999523162842         |                  |      |    |
| Depth To:                                  |                      | 1.600000023841858          |                  |      |    |
| Hole Depth UOM:                            |                      | m                          |                  |      |    |
| Hole Diameter UOM:                         |                      | cm                         |                  |      |    |
| <b><u>Hole Diameter</u></b>                |                      |                            |                  |      |    |
| Hole ID:                                   |                      | 11848467                   |                  |      |    |
| Diameter:                                  |                      | 4.699999809265137          |                  |      |    |
| Depth From:                                |                      | 1.600000023841858          |                  |      |    |
| Depth To:                                  |                      | 4.150000095367432          |                  |      |    |
| Hole Depth UOM:                            |                      | m                          |                  |      |    |
| Hole Diameter UOM:                         |                      | cm                         |                  |      |    |
| <b><u>Hole Diameter</u></b>                |                      |                            |                  |      |    |
| Hole ID:                                   |                      | 11848469                   |                  |      |    |
| Diameter:                                  |                      | 7.5                        |                  |      |    |
| Depth From:                                |                      | 0.0                        |                  |      |    |
| Depth To:                                  |                      | 1.2999999523162842         |                  |      |    |
| Hole Depth UOM:                            |                      | m                          |                  |      |    |
| Hole Diameter UOM:                         |                      | cm                         |                  |      |    |

7      1 of 1      NW/0.0      60.9 / -3.39      ON      WWIS

|                     |         |                    |                 |
|---------------------|---------|--------------------|-----------------|
| Well ID:            | 7409367 | Flowing (Y/N):     |                 |
| Construction Date:  |         | Flow Rate:         |                 |
| Use 1st:            |         | Data Entry Status: | Yes             |
| Use 2nd:            |         | Data Src:          |                 |
| Final Well Status:  |         | Date Received:     | 02/02/2022      |
| Water Type:         |         | Selected Flag:     | TRUE            |
| Casing Material:    |         | Abandonment Rec:   |                 |
| Audit No:           | Z379457 | Contractor:        | 7241            |
| Tag:                | A338293 | Form Version:      | 7               |
| Constructn Method:  |         | Owner:             |                 |
| Elevation (m):      |         | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty: |         | Lot:               |                 |
| Depth to Bedrock:   |         | Concession:        |                 |
| Well Depth:         |         | Concession Name:   |                 |
| Overburden/Bedrock: |         | Easting NAD83:     |                 |
| Pump Rate:          |         | Northing NAD83:    |                 |
| Static Water Level: |         | Zone:              |                 |



| Map Key                           | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB                             |
|-----------------------------------|----------------------|----------------------------|------------------|------------------|--------------------------------|
| Clear/Cloudy:                     |                      | OTTAWA CITY                |                  | UTM Reliability: |                                |
| Municipality:                     |                      |                            |                  |                  |                                |
| Site Info:                        |                      |                            |                  |                  |                                |
| <u>Additional Detail(s) (Map)</u> |                      |                            |                  |                  |                                |
| Bore Hole ID:                     | 1008965003           |                            |                  | Tag No:          | A338293                        |
| Depth M:                          |                      |                            |                  | Contractor:      | 7241                           |
| Year Completed:                   | 2021                 |                            |                  | Latitude:        | 45.3750591498658               |
| Well Completed Dt:                | 12/21/2021           |                            |                  | Longitude:       | -75.7787162673508              |
| Audit No:                         | Z379457              |                            |                  | Y:               | 45.37505914336989              |
| Path:                             |                      |                            |                  | X:               | -75.77871610569902             |
| <u>Bore Hole Information</u>      |                      |                            |                  |                  |                                |
| Bore Hole ID:                     | 1008965003           |                            |                  | Elevation:       |                                |
| DP2BR:                            |                      |                            |                  | Elevrc:          |                                |
| Spatial Status:                   |                      |                            |                  | Zone:            | 18                             |
| Code OB:                          |                      |                            |                  | East83:          | 439027.00                      |
| Code OB Desc:                     |                      |                            |                  | North83:         | 5024911.00                     |
| Open Hole:                        |                      |                            |                  | Org CS:          | UTM83                          |
| Cluster Kind:                     |                      |                            |                  | UTMRC:           | 4                              |
| Date Completed:                   | 12/21/2021           |                            |                  | UTMRC Desc:      | margin of error : 30 m - 100 m |
| Remarks:                          |                      |                            |                  | Location Method: | wwr                            |
| Location Method Desc:             | on Water Well Record |                            |                  |                  |                                |
| Elevrc Desc:                      |                      |                            |                  |                  |                                |
| Location Source Date:             |                      |                            |                  |                  |                                |
| Improvement Location Source:      |                      |                            |                  |                  |                                |
| Improvement Location Method:      |                      |                            |                  |                  |                                |
| Source Revision Comment:          |                      |                            |                  |                  |                                |
| Supplier Comment:                 |                      |                            |                  |                  |                                |

|                     |             |         |              |                    |                 |
|---------------------|-------------|---------|--------------|--------------------|-----------------|
| <a href="#">8</a>   | 1 of 1      | NNW/0.0 | 60.9 / -3.39 | ON                 | WWIS            |
|                     |             |         |              |                    |                 |
| Well ID:            | 7409366     |         |              | Flowing (Y/N):     |                 |
| Construction Date:  |             |         |              | Flow Rate:         |                 |
| Use 1st:            |             |         |              | Data Entry Status: | Yes             |
| Use 2nd:            |             |         |              | Data Src:          |                 |
| Final Well Status:  |             |         |              | Date Received:     | 02/02/2022      |
| Water Type:         |             |         |              | Selected Flag:     | TRUE            |
| Casing Material:    |             |         |              | Abandonment Rec:   |                 |
| Audit No:           | Z379456     |         |              | Contractor:        | 7241            |
| Tag:                | A338292     |         |              | Form Version:      | 7               |
| Constructn Method:  |             |         |              | Owner:             |                 |
| Elevation (m):      |             |         |              | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty: |             |         |              | Lot:               |                 |
| Depth to Bedrock:   |             |         |              | Concession:        |                 |
| Well Depth:         |             |         |              | Concession Name:   |                 |
| Overburden/Bedrock: |             |         |              | Easting NAD83:     |                 |
| Pump Rate:          |             |         |              | Northing NAD83:    |                 |
| Static Water Level: |             |         |              | Zone:              |                 |
| Clear/Cloudy:       |             |         |              | UTM Reliability:   |                 |
| Municipality:       | OTTAWA CITY |         |              |                    |                 |
| Site Info:          |             |         |              |                    |                 |

|                                   |            |  |  |             |                   |
|-----------------------------------|------------|--|--|-------------|-------------------|
| <u>Additional Detail(s) (Map)</u> |            |  |  |             |                   |
| Bore Hole ID:                     | 1008964994 |  |  | Tag No:     | A338292           |
| Depth M:                          |            |  |  | Contractor: | 7241              |
| Year Completed:                   | 2021       |  |  | Latitude:   | 45.3751225016326  |
| Well Completed Dt:                | 12/21/2021 |  |  | Longitude:  | -75.7786660508187 |



| Map Key                             | Number of Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB                             |
|-------------------------------------|----------------------|----------------------------|------------------|------------------|--------------------------------|
| Audit No:                           | Z379456              |                            |                  | Y:               | 45.37512249525717              |
| Path:                               |                      |                            |                  | X:               | -75.77866588898756             |
| <b><u>Bore Hole Information</u></b> |                      |                            |                  |                  |                                |
| Bore Hole ID:                       | 1008964994           |                            |                  | Elevation:       |                                |
| DP2BR:                              |                      |                            |                  | Elevrc:          |                                |
| Spatial Status:                     |                      |                            |                  | Zone:            | 18                             |
| Code OB:                            |                      |                            |                  | East83:          | 439031.00                      |
| Code OB Desc:                       |                      |                            |                  | North83:         | 5024918.00                     |
| Open Hole:                          |                      |                            |                  | Org CS:          | UTM83                          |
| Cluster Kind:                       |                      |                            |                  | UTMRC:           | 4                              |
| Date Completed:                     | 12/21/2021           |                            |                  | UTMRC Desc:      | margin of error : 30 m - 100 m |
| Remarks:                            |                      |                            |                  | Location Method: | wwr                            |
| Location Method Desc:               | on Water Well Record |                            |                  |                  |                                |
| Elevrc Desc:                        |                      |                            |                  |                  |                                |
| Location Source Date:               |                      |                            |                  |                  |                                |
| Improvement Location Source:        |                      |                            |                  |                  |                                |
| Improvement Location Method:        |                      |                            |                  |                  |                                |
| Source Revision Comment:            |                      |                            |                  |                  |                                |
| Supplier Comment:                   |                      |                            |                  |                  |                                |

|                           |                                             |         |             |                                                                                   |                       |
|---------------------------|---------------------------------------------|---------|-------------|-----------------------------------------------------------------------------------|-----------------------|
| <u>9</u>                  | 1 of 1                                      | ESE/6.6 | 64.5 / 0.22 | Kiewit<UNOFFICIAL><br>Richmond Road between Woodland and<br>Harcourt<br>Ottawa ON | SPL                   |
| Ref No:                   | 3184-BE4KCT                                 |         |             | Municipality No:                                                                  |                       |
| Year:                     |                                             |         |             | Nature of Damage:                                                                 |                       |
| Incident Dt:              | 7/15/2019                                   |         |             | Discharger Report:                                                                |                       |
| Dt MOE Arvl on Scn:       |                                             |         |             | Material Group:                                                                   |                       |
| MOE Reported Dt:          | 7/15/2019                                   |         |             | Impact to Health:                                                                 | 2 - Minor Environment |
| Dt Document Closed:       |                                             |         |             | Agency Involved:                                                                  |                       |
| Site No:                  | NA                                          |         |             |                                                                                   |                       |
| MOE Response:             | No                                          |         |             |                                                                                   |                       |
| Site County/District:     |                                             |         |             |                                                                                   |                       |
| Site Geo Ref Meth:        |                                             |         |             |                                                                                   |                       |
| Site District Office:     | Ottawa                                      |         |             |                                                                                   |                       |
| Nearest Watercourse:      |                                             |         |             |                                                                                   |                       |
| Site Name:                | Project area<UNOFFICIAL>                    |         |             |                                                                                   |                       |
| Site Address:             | Richmond Road between Woodland and Harcourt |         |             |                                                                                   |                       |
| Site Region:              | Eastern                                     |         |             |                                                                                   |                       |
| Site Municipality:        | Ottawa                                      |         |             |                                                                                   |                       |
| Site Lot:                 |                                             |         |             |                                                                                   |                       |
| Site Conc:                |                                             |         |             |                                                                                   |                       |
| Site Geo Ref Accu:        |                                             |         |             |                                                                                   |                       |
| Site Map Datum:           |                                             |         |             |                                                                                   |                       |
| Northing:                 | 5024846.56                                  |         |             |                                                                                   |                       |
| Easting:                  | 439084.6                                    |         |             |                                                                                   |                       |
| Incident Cause:           |                                             |         |             |                                                                                   |                       |
| Incident Preceding Spill: | Leak/Break                                  |         |             |                                                                                   |                       |
| Environment Impact:       |                                             |         |             |                                                                                   |                       |
| Health Env Consequence:   |                                             |         |             |                                                                                   |                       |
| Nature of Impact:         |                                             |         |             |                                                                                   |                       |
| Contaminant Qty:          | 0.5 L                                       |         |             |                                                                                   |                       |
| System Facility Address:  |                                             |         |             |                                                                                   |                       |
| Client Name:              | Kiewit<UNOFFICIAL>                          |         |             |                                                                                   |                       |
| Client Type:              |                                             |         |             |                                                                                   |                       |
| Source Type:              | Drilling Operation                          |         |             |                                                                                   |                       |
| Contaminant Code:         | 15                                          |         |             |                                                                                   |                       |
| Contaminant Name:         | HYDRAULIC OIL                               |         |             |                                                                                   |                       |
| Contaminant Limit 1:      |                                             |         |             |                                                                                   |                       |
| Contam Limit Freq 1:      |                                             |         |             |                                                                                   |                       |
| Contaminant UN No 1:      | n/a                                         |         |             |                                                                                   |                       |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number of Records | Direction/<br>Distance (m)                                                                                                                                             | Elev/Diff<br>(m)                                                                                                                                                  | Site                                                                  | DB  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----|
| <b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   | Land<br>Equipment Failure<br>Kiewit: half litre hyd oil to grass, cleaned.                                                                                             |                                                                                                                                                                   |                                                                       |     |
| <a href="#">10</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 of 1            | SW/9.4                                                                                                                                                                 | 62.8 / -1.44                                                                                                                                                      | R.M. OF OTTAWA-CARLETON<br>NEW ORCHARD AVE/AMBLESIDE DR.<br>OTTAWA ON | CA  |
| <b>Certificate #:</b><br><b>Application Year:</b><br><b>Issue Date:</b><br><b>Approval Type:</b><br><b>Status:</b><br><b>Application Type:</b><br><b>Client Name:</b><br><b>Client Address:</b><br><b>Client City:</b><br><b>Client Postal Code:</b><br><b>Project Description:</b><br><b>Contaminants:</b><br><b>Emission Control:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | 7-1035-98-<br>98<br>10/21/1998<br>Municipal water<br>Approved                                                                                                          |                                                                                                                                                                   |                                                                       |     |
| <a href="#">11</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 of 1            | ESE/29.4                                                                                                                                                               | 66.1 / 1.88                                                                                                                                                       | Ottawa ON                                                             | SPL |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b> |                   | 2228-BT2RUE<br>2020/09/01<br>2020/09/01<br>2021/03/29<br>NA<br>No<br>Ottawa<br>OC Transpo LRT site<UNOFFICIAL><br>Eastern<br>Ottawa<br>5024833<br>439103<br>Leak/Break | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 2 - Minor Environment                                                 |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                              | DB  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-------------------------------------------------------------------|-----|
| <b>Source Type:</b> Truck - Transport/Hauling<br><b>Contaminant Code:</b> 27<br><b>Contaminant Name:</b> OIL ADDITIVES<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b> n/a<br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment Failure<br><b>Incident Summary:</b> KEV: ~ 1 Ldrilling fluid to ground, cntd & clnd<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Miscellaneous Industrial<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |                                                                   |     |
| <a href="#">12</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 of 5            | NW/32.1                    | 59.7 / -4.53     | 99 New Orchard Avenue<br>Ottawa ON K2B 5E6                        | EHS |
| <b>Order No:</b> 20060329081<br><b>Status:</b> C<br><b>Report Type:</b> Complete Report<br><b>Report Date:</b> 4/4/2006<br><b>Date Received:</b> 3/29/2006<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>                                                                                                                                                                                                                                                                                                                                                         |                   |                            |                  |                                                                   |     |
| <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> MD<br><b>Search Radius (km):</b> 0.25<br><b>X:</b> -75.779095<br><b>Y:</b> 45.375261                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                            |                  |                                                                   |     |
| <a href="#">12</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 of 5            | NW/32.1                    | 59.7 / -4.53     | Extenicare Canada Inc.<br>99 New Orchard Ave<br>Ottawa ON K2B 5E6 | GEN |
| <b>Generator No:</b> ON9366274<br><b>SIC Code:</b> 623999<br><b>SIC Description:</b> All Other Residential Care Facilities<br><b>Approval Years:</b> 06<br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b>                                                                                                                                                                                                                                                           |                   |                            |                  |                                                                   |     |
| <b><u>Detail(s)</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                            |                  |                                                                   |     |
| <b>Waste Class:</b> 221<br><b>Waste Class Name:</b> LIGHT FUELS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                            |                  |                                                                   |     |
| <b>Waste Class:</b> 148<br><b>Waste Class Name:</b> INORGANIC LABORATORY CHEMICALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                            |                  |                                                                   |     |
| <a href="#">12</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 of 5            | NW/32.1                    | 59.7 / -4.53     | Extendicare Canada Inc<br>99 New Orchard Av<br>Ottawa ON K2B 5E6  | GEN |
| <b>Generator No:</b> ON3960850<br><b>SIC Code:</b> 623310<br><b>SIC Description:</b> Community Care Facilities for the Elderly<br><b>Approval Years:</b> 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                            |                  |                                                                   |     |



| Map Key                                                                                                                                                                                     | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                 | DB              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|----------------------------------------------------------------------|-----------------|
| <b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   |                            |                  |                                                                      |                 |
| <b><u>Detail(s)</u></b>                                                                                                                                                                     |                   |                            |                  |                                                                      |                 |
| <b>Waste Class:</b>                                                                                                                                                                         |                   | 252                        |                  |                                                                      |                 |
| <b>Waste Class Name:</b>                                                                                                                                                                    |                   | WASTE OILS & LUBRICANTS    |                  |                                                                      |                 |
| <b>Waste Class:</b>                                                                                                                                                                         |                   | 251                        |                  |                                                                      |                 |
| <b>Waste Class Name:</b>                                                                                                                                                                    |                   | OIL SKIMMINGS & SLUDGES    |                  |                                                                      |                 |
| <a href="#">12</a>                                                                                                                                                                          | 4 of 5            | NW/32.1                    | 59.7 / -4.53     | 99 New Orchard Ave<br>Ottawa ON K2B5E6                               | EHS             |
| <b>Order No:</b>                                                                                                                                                                            |                   | 20140505015                |                  | <b>Nearest Intersection:</b>                                         |                 |
| <b>Status:</b>                                                                                                                                                                              |                   | C                          |                  | <b>Municipality:</b>                                                 |                 |
| <b>Report Type:</b>                                                                                                                                                                         |                   | Custom Report              |                  | <b>Client Prov/State:</b>                                            | ON              |
| <b>Report Date:</b>                                                                                                                                                                         |                   | 08-MAY-14                  |                  | <b>Search Radius (km):</b>                                           | .25             |
| <b>Date Received:</b>                                                                                                                                                                       |                   | 05-MAY-14                  |                  | <b>X:</b>                                                            | -75.778967      |
| <b>Previous Site Name:</b>                                                                                                                                                                  |                   |                            |                  | <b>Y:</b>                                                            | 45.375378       |
| <b>Lot/Building Size:</b>                                                                                                                                                                   |                   |                            |                  |                                                                      |                 |
| <b>Additional Info Ordered:</b>                                                                                                                                                             |                   |                            |                  |                                                                      |                 |
| <a href="#">12</a>                                                                                                                                                                          | 5 of 5            | NW/32.1                    | 59.7 / -4.53     | EXTENDICARE (CANADA) INC.<br>99 NEW ORCHARD AVE<br>OTTAWA ON K2B 5E6 | EASR            |
| <b>Approval No:</b>                                                                                                                                                                         |                   | R-002-1469597070           |                  | <b>MOE District:</b>                                                 | Ottawa          |
| <b>Status:</b>                                                                                                                                                                              |                   | REGISTERED                 |                  | <b>Municipality:</b>                                                 | OTTAWA          |
| <b>Date:</b>                                                                                                                                                                                |                   | 2014-12-10                 |                  | <b>Latitude:</b>                                                     | 45.37472222     |
| <b>Record Type:</b>                                                                                                                                                                         |                   | EASR                       |                  | <b>Longitude:</b>                                                    | -75.77944444    |
| <b>Link Source:</b>                                                                                                                                                                         |                   | MOFA                       |                  | <b>Geometry X:</b>                                                   |                 |
| <b>Project Type:</b>                                                                                                                                                                        |                   | Standby Power System       |                  | <b>Geometry Y:</b>                                                   |                 |
| <b>Full Address:</b>                                                                                                                                                                        |                   |                            |                  |                                                                      |                 |
| <b>Approval Type:</b>                                                                                                                                                                       |                   | EASR-Standby Power System  |                  |                                                                      |                 |
| <b>SWP Area Name:</b>                                                                                                                                                                       |                   | Rideau Valley              |                  |                                                                      |                 |
| <b>PDF NAICS Code:</b>                                                                                                                                                                      |                   |                            |                  |                                                                      |                 |
| <b>PDF URL:</b>                                                                                                                                                                             |                   |                            |                  |                                                                      |                 |
| <b>PDF Site Location:</b>                                                                                                                                                                   |                   |                            |                  |                                                                      |                 |
| <a href="#">13</a>                                                                                                                                                                          | 1 of 1            | SSW/40.1                   | 64.3 / 0.06      | 1071 RICHMOND RD<br>OTTAWA ON                                        | WWIS            |
| <b>Well ID:</b>                                                                                                                                                                             |                   | 7044334                    |                  | <b>Flowing (Y/N):</b>                                                |                 |
| <b>Construction Date:</b>                                                                                                                                                                   |                   |                            |                  | <b>Flow Rate:</b>                                                    |                 |
| <b>Use 1st:</b>                                                                                                                                                                             |                   | Not Used                   |                  | <b>Data Entry Status:</b>                                            |                 |
| <b>Use 2nd:</b>                                                                                                                                                                             |                   |                            |                  | <b>Data Src:</b>                                                     |                 |
| <b>Final Well Status:</b>                                                                                                                                                                   |                   | Test Hole                  |                  | <b>Date Received:</b>                                                | 06/04/2007      |
| <b>Water Type:</b>                                                                                                                                                                          |                   |                            |                  | <b>Selected Flag:</b>                                                | TRUE            |
| <b>Casing Material:</b>                                                                                                                                                                     |                   |                            |                  | <b>Abandonment Rec:</b>                                              |                 |
| <b>Audit No:</b>                                                                                                                                                                            |                   | Z70111                     |                  | <b>Contractor:</b>                                                   | 6838            |
| <b>Tag:</b>                                                                                                                                                                                 |                   | A019077                    |                  | <b>Form Version:</b>                                                 | 3               |
| <b>Constructn Method:</b>                                                                                                                                                                   |                   |                            |                  | <b>Owner:</b>                                                        |                 |
| <b>Elevation (m):</b>                                                                                                                                                                       |                   |                            |                  | <b>County:</b>                                                       | OTTAWA-CARLETON |
| <b>Elevatn Reliability:</b>                                                                                                                                                                 |                   |                            |                  | <b>Lot:</b>                                                          |                 |



| Map Key                           | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site             | DB                          |
|-----------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|------------------|-----------------------------|
| Depth to Bedrock:                 |                      |                                                                                               |                  | Concession:      |                             |
| Well Depth:                       |                      |                                                                                               |                  | Concession Name: |                             |
| Overburden/Bedrock:               |                      |                                                                                               |                  | Easting NAD83:   |                             |
| Pump Rate:                        |                      |                                                                                               |                  | Northing NAD83:  |                             |
| Static Water Level:               |                      |                                                                                               |                  | Zone:            |                             |
| Clear/Cloudy:                     |                      |                                                                                               |                  | UTM Reliability: |                             |
| Municipality:                     |                      | OTTAWA CITY                                                                                   |                  |                  |                             |
| Site Info:                        |                      |                                                                                               |                  |                  |                             |
| PDF URL (Map):                    |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044334.pdf |                  |                  |                             |
| <u>Additional Detail(s) (Map)</u> |                      |                                                                                               |                  |                  |                             |
| Well Completed Date:              |                      | 05/22/2007                                                                                    |                  |                  |                             |
| Year Completed:                   |                      | 2007                                                                                          |                  |                  |                             |
| Depth (m):                        |                      | 3.6                                                                                           |                  |                  |                             |
| Latitude:                         |                      | 45.3737256823913                                                                              |                  |                  |                             |
| Longitude:                        |                      | -75.7789023047482                                                                             |                  |                  |                             |
| X:                                |                      | -75.77890214325282                                                                            |                  |                  |                             |
| Y:                                |                      | 45.373725675461415                                                                            |                  |                  |                             |
| Path:                             |                      | 704\7044334.pdf                                                                               |                  |                  |                             |
| <u>Bore Hole Information</u>      |                      |                                                                                               |                  |                  |                             |
| Bore Hole ID:                     |                      | 11766825                                                                                      |                  | Elevation:       |                             |
| DP2BR:                            |                      |                                                                                               |                  | Elevrc:          |                             |
| Spatial Status:                   |                      |                                                                                               |                  | Zone:            | 18                          |
| Code OB:                          |                      |                                                                                               |                  | East83:          | 439011.00                   |
| Code OB Desc:                     |                      |                                                                                               |                  | North83:         | 5024763.00                  |
| Open Hole:                        |                      |                                                                                               |                  | Org CS:          | UTM83                       |
| Cluster Kind:                     |                      |                                                                                               |                  | UTMRC:           | 3                           |
| Date Completed:                   |                      | 05/22/2007                                                                                    |                  | UTMRC Desc:      | margin of error : 10 - 30 m |
| Remarks:                          |                      |                                                                                               |                  | Location Method: | wwr                         |
| Location Method Desc:             |                      | on Water Well Record                                                                          |                  |                  |                             |
| Elevrc Desc:                      |                      |                                                                                               |                  |                  |                             |
| Location Source Date:             |                      |                                                                                               |                  |                  |                             |
| Improvement Location Source:      |                      |                                                                                               |                  |                  |                             |
| Improvement Location Method:      |                      |                                                                                               |                  |                  |                             |
| Source Revision Comment:          |                      |                                                                                               |                  |                  |                             |
| Supplier Comment:                 |                      |                                                                                               |                  |                  |                             |
| <u>Overburden and Bedrock</u>     |                      |                                                                                               |                  |                  |                             |
| <u>Materials Interval</u>         |                      |                                                                                               |                  |                  |                             |
| Formation ID:                     |                      | 933102598                                                                                     |                  |                  |                             |
| Layer:                            |                      | 4                                                                                             |                  |                  |                             |
| Color:                            |                      | 6                                                                                             |                  |                  |                             |
| General Color:                    |                      | BROWN                                                                                         |                  |                  |                             |
| Material 1:                       |                      | 28                                                                                            |                  |                  |                             |
| Material 1 Desc:                  |                      | SAND                                                                                          |                  |                  |                             |
| Material 2:                       |                      | 84                                                                                            |                  |                  |                             |
| Material 2 Desc:                  |                      | SILTY                                                                                         |                  |                  |                             |
| Material 3:                       |                      | 11                                                                                            |                  |                  |                             |
| Material 3 Desc:                  |                      | GRAVEL                                                                                        |                  |                  |                             |
| Formation Top Depth:              |                      | 0.8999999761581421                                                                            |                  |                  |                             |
| Formation End Depth:              |                      | 1.7999999523162842                                                                            |                  |                  |                             |
| Formation End Depth UOM:          |                      | m                                                                                             |                  |                  |                             |
| <u>Overburden and Bedrock</u>     |                      |                                                                                               |                  |                  |                             |
| <u>Materials Interval</u>         |                      |                                                                                               |                  |                  |                             |
| Formation ID:                     |                      | 933102599                                                                                     |                  |                  |                             |



| Map Key                              | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------|----------------------|----------------------------|------------------|------|----|
| Layer:                               |                      | 5                          |                  |      |    |
| Color:                               |                      | 7                          |                  |      |    |
| General Color:                       |                      | RED                        |                  |      |    |
| Material 1:                          |                      | 34                         |                  |      |    |
| Material 1 Desc:                     |                      | TILL                       |                  |      |    |
| Material 2:                          |                      | 84                         |                  |      |    |
| Material 2 Desc:                     |                      | SILTY                      |                  |      |    |
| Material 3:                          |                      | 28                         |                  |      |    |
| Material 3 Desc:                     |                      | SAND                       |                  |      |    |
| Formation Top Depth:                 |                      | 1.7999999523162842         |                  |      |    |
| Formation End Depth:                 |                      | 2.200000047683716          |                  |      |    |
| Formation End Depth UOM:             |                      | m                          |                  |      |    |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |      |    |
| Formation ID:                        |                      | 933102596                  |                  |      |    |
| Layer:                               |                      | 2                          |                  |      |    |
| Color:                               |                      | 2                          |                  |      |    |
| General Color:                       |                      | GREY                       |                  |      |    |
| Material 1:                          |                      | 01                         |                  |      |    |
| Material 1 Desc:                     |                      | FILL                       |                  |      |    |
| Material 2:                          |                      | 84                         |                  |      |    |
| Material 2 Desc:                     |                      | SILTY                      |                  |      |    |
| Material 3:                          |                      | 28                         |                  |      |    |
| Material 3 Desc:                     |                      | SAND                       |                  |      |    |
| Formation Top Depth:                 |                      | 0.10000000149011612        |                  |      |    |
| Formation End Depth:                 |                      | 0.30000001192092896        |                  |      |    |
| Formation End Depth UOM:             |                      | m                          |                  |      |    |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |      |    |
| Formation ID:                        |                      | 933102600                  |                  |      |    |
| Layer:                               |                      | 6                          |                  |      |    |
| Color:                               |                      | 2                          |                  |      |    |
| General Color:                       |                      | GREY                       |                  |      |    |
| Material 1:                          |                      | 26                         |                  |      |    |
| Material 1 Desc:                     |                      | ROCK                       |                  |      |    |
| Material 2:                          |                      | 17                         |                  |      |    |
| Material 2 Desc:                     |                      | SHALE                      |                  |      |    |
| Material 3:                          |                      |                            |                  |      |    |
| Material 3 Desc:                     |                      |                            |                  |      |    |
| Formation Top Depth:                 |                      | 2.200000047683716          |                  |      |    |
| Formation End Depth:                 |                      | 3.5999999046325684         |                  |      |    |
| Formation End Depth UOM:             |                      | m                          |                  |      |    |
| <b><u>Overburden and Bedrock</u></b> |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>     |                      |                            |                  |      |    |
| Formation ID:                        |                      | 933102597                  |                  |      |    |
| Layer:                               |                      | 3                          |                  |      |    |
| Color:                               |                      | 5                          |                  |      |    |
| General Color:                       |                      | YELLOW                     |                  |      |    |
| Material 1:                          |                      | 01                         |                  |      |    |
| Material 1 Desc:                     |                      | FILL                       |                  |      |    |
| Material 2:                          |                      | 84                         |                  |      |    |
| Material 2 Desc:                     |                      | SILTY                      |                  |      |    |
| Material 3:                          |                      | 28                         |                  |      |    |
| Material 3 Desc:                     |                      | SAND                       |                  |      |    |
| Formation Top Depth:                 |                      | 0.30000001192092896        |                  |      |    |
| Formation End Depth:                 |                      | 0.8999999761581421         |                  |      |    |
| Formation End Depth UOM:             |                      | m                          |                  |      |    |



| <b>Map Key</b>                                              | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                              |                                    |                          |             |           |
| <b>Formation ID:</b>                                        |                              | 933102595                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Color:</b>                                               |                              |                                    |                          |             |           |
| <b>General Color:</b>                                       |                              |                                    |                          |             |           |
| <b>Material 1:</b>                                          |                              | 12                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                              | STONES                             |                          |             |           |
| <b>Material 2:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Material 3:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                              | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                              | 0.10000000149011612                |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                              | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                              |                                    |                          |             |           |
| <b>Plug ID:</b>                                             |                              | 933320020                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Plug From:</b>                                           |                              | 0.0                                |                          |             |           |
| <b>Plug To:</b>                                             |                              | 0.30000001192092896                |                          |             |           |
| <b>Plug Depth UOM:</b>                                      |                              | m                                  |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                              | 967044334                          |                          |             |           |
| <b>Method Construction Code:</b>                            |                              | 6                                  |                          |             |           |
| <b>Method Construction:</b>                                 |                              | Boring                             |                          |             |           |
| <b>Other Method Construction:</b>                           |                              |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                              |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                             |                              | 11774515                           |                          |             |           |
| <b>Casing No:</b>                                           |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                             |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                            |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                           |                              | 930900097                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                            |                              | 5                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                              | PLASTIC                            |                          |             |           |
| <b>Depth From:</b>                                          |                              | 0.0                                |                          |             |           |
| <b>Depth To:</b>                                            |                              | 0.6000000238418579                 |                          |             |           |
| <b>Casing Diameter:</b>                                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                              | cm                                 |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                              | m                                  |                          |             |           |
| <b><u>Construction Record - Screen</u></b>                  |                              |                                    |                          |             |           |
| <b>Screen ID:</b>                                           |                              | 933424702                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Slot:</b>                                                |                              | 10                                 |                          |             |           |
| <b>Screen Top Depth:</b>                                    |                              | 0.6000000238418579                 |                          |             |           |
| <b>Screen End Depth:</b>                                    |                              | 3.5999999046325684                 |                          |             |           |



| Map Key                                     | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------|-------------------|----------------------------|------------------|------|----|
| Screen Material:                            |                   | 5                          |                  |      |    |
| Screen Depth UOM:                           |                   | m                          |                  |      |    |
| Screen Diameter UOM:                        |                   | cm                         |                  |      |    |
| Screen Diameter:                            |                   | 5.0                        |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b> |                   |                            |                  |      |    |
| Pumping Test Method Desc:                   |                   |                            |                  |      |    |
| Pump Test ID:                               |                   | 997044334                  |                  |      |    |
| Pump Set At:                                |                   |                            |                  |      |    |
| Static Level:                               |                   |                            |                  |      |    |
| Final Level After Pumping:                  |                   |                            |                  |      |    |
| Recommended Pump Depth:                     |                   |                            |                  |      |    |
| Pumping Rate:                               |                   |                            |                  |      |    |
| Flowing Rate:                               |                   |                            |                  |      |    |
| Recommended Pump Rate:                      |                   |                            |                  |      |    |
| Levels UOM:                                 |                   | ft                         |                  |      |    |
| Rate UOM:                                   |                   | GPM                        |                  |      |    |
| Water State After Test Code:                |                   | 3                          |                  |      |    |
| Water State After Test:                     |                   | OTHER                      |                  |      |    |
| Pumping Test Method:                        |                   |                            |                  |      |    |
| Pumping Duration HR:                        |                   |                            |                  |      |    |
| Pumping Duration MIN:                       |                   |                            |                  |      |    |
| Flowing:                                    |                   | No                         |                  |      |    |
| <b><u>Hole Diameter</u></b>                 |                   |                            |                  |      |    |
| Hole ID:                                    |                   | 11853348                   |                  |      |    |
| Diameter:                                   |                   | 20.0                       |                  |      |    |
| Depth From:                                 |                   | 0.0                        |                  |      |    |
| Depth To:                                   |                   | 3.5999999046325684         |                  |      |    |
| Hole Depth UOM:                             |                   | m                          |                  |      |    |
| Hole Diameter UOM:                          |                   | cm                         |                  |      |    |

|                           |                            |        |             |                                                                 |                       |
|---------------------------|----------------------------|--------|-------------|-----------------------------------------------------------------|-----------------------|
| <a href="#">14</a>        | 1 of 1                     | E/40.2 | 66.2 / 1.93 | Kiewit Eurovia Vinci<br>Byron Ave and Harcourt Ave<br>Ottawa ON | SPL                   |
| Ref No:                   | 1468-BUSKZR                |        |             | Municipality No:                                                |                       |
| Year:                     |                            |        |             | Nature of Damage:                                               |                       |
| Incident Dt:              | 10/26/2020                 |        |             | Discharger Report:                                              |                       |
| Dt MOE Arvl on Scn:       |                            |        |             | Material Group:                                                 |                       |
| MOE Reported Dt:          | 10/27/2020                 |        |             | Impact to Health:                                               | 2 - Minor Environment |
| Dt Document Closed:       | 2/9/2021                   |        |             | Agency Involved:                                                |                       |
| Site No:                  | NA                         |        |             |                                                                 |                       |
| MOE Response:             | No                         |        |             |                                                                 |                       |
| Site County/District:     |                            |        |             |                                                                 |                       |
| Site Geo Ref Meth:        |                            |        |             |                                                                 |                       |
| Site District Office:     | Ottawa                     |        |             |                                                                 |                       |
| Nearest Watercourse:      |                            |        |             |                                                                 |                       |
| Site Name:                | spill <UNOFFICIAL>         |        |             |                                                                 |                       |
| Site Address:             | Byron Ave and Harcourt Ave |        |             |                                                                 |                       |
| Site Region:              | Eastern                    |        |             |                                                                 |                       |
| Site Municipality:        | Ottawa                     |        |             |                                                                 |                       |
| Site Lot:                 |                            |        |             |                                                                 |                       |
| Site Conc:                |                            |        |             |                                                                 |                       |
| Site Geo Ref Accu:        |                            |        |             |                                                                 |                       |
| Site Map Datum:           |                            |        |             |                                                                 |                       |
| Northing:                 | 5024864                    |        |             |                                                                 |                       |
| Easting:                  | 439136                     |        |             |                                                                 |                       |
| Incident Cause:           |                            |        |             |                                                                 |                       |
| Incident Preceding Spill: | Leak/Break                 |        |             |                                                                 |                       |
| Environment Impact:       |                            |        |             |                                                                 |                       |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 0.5 L<br><b>System Facility Address:</b><br><b>Client Name:</b> Kiewit Eurovia Vinci Corporation<br><b>Client Type:</b> Motor Vehicle<br><b>Source Type:</b> 15<br><b>Contaminant Code:</b> OIL (PETROLEUM BASED, NOT SPECIFIED)<br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b> n/a<br><b>Receiving Medium:</b> Source Water Zone<br><b>Incident Reason:</b> Equipment Failure<br><b>Incident Summary:</b> KEV: motor oil to clay cld 0.5 L<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Miscellaneous Communal<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |          |             |                                                                                                                                                                               |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <a href="#">15</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 of 1 | SSE/42.5 | 66.1 / 1.88 | Woodland Avenue and Byron Avenue, Ottawa, ON<br>OTTAWA ON                                                                                                                     | SPL |
| <b>Ref No:</b> 1-19OWU8<br><b>Year:</b><br><b>Incident Dt:</b> 9/21/2021 12:00:00 PM<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 9/21/2021 12:24:34 PM<br><b>Dt Document Closed:</b> 11/10/2021 2:02:53 PM<br><b>Site No:</b><br><b>MOE Response:</b> Desktop Response<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> Woodland Avenue and Byron Avenue, Ottawa, ON<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b> 1 Minor Impact<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 180 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Sewer (Private or Municipal)<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> SEWAGE, RAW UNCHLORINATED<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land |        |          |             |                                                                                                                                                                               |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |          |             | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 0 No Impact<br><b>Agency Involved:</b> |     |



| Map Key                                                                                                                                                                                                                                                        | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                                                                                                     | Elev/Diff<br>(m) | Site                                                                                                                 | DB  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------|-----|
| <b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b>      |                   | Human error (Specify)<br>KEV: Forcemain strike, on-going spill to LRT tunnel - contained<br>Construction or repair<br>Central Ottawa<br>02KF-Central Ottawa - Mississippi<br>URBAN TRANSIT SYSTEMS<br>{"integration_ids":["PR00004320938","PR00004309850"],"wkts":["POINT (-75.7590161000 45.3889641000)","POINT (-75.7779421000 45.3739361000)","creation_date":"2021-09-21"} |                  |                                                                                                                      |     |
| <a href="#">16</a>                                                                                                                                                                                                                                             | 1 of 1            | NNE/47.9                                                                                                                                                                                                                                                                                                                                                                       | 61.2 / -3.09     | Maxxeon Inc.<br>1025 Richmond Rd Suite 1108<br>Ottawa ON K2B 8G8                                                     | SCT |
| <b>Established:</b><br><b>Plant Size (ft²):</b><br><b>Employment:</b><br><br><b>--Details--</b><br><b>Description:</b> Lighting Fixture Manufacturing<br><b>SIC/NAICS Code:</b> 335120                                                                         |                   |                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                                                                                      |     |
| <a href="#">17</a>                                                                                                                                                                                                                                             | 1 of 1            | W/49.6                                                                                                                                                                                                                                                                                                                                                                         | 59.9 / -4.39     | 108 New Orchard Ave<br>Ottawa ON K2B 5E7                                                                             | EHS |
| <b>Order No:</b> 20130124021<br><b>Status:</b> C<br><b>Report Type:</b> Standard Report<br><b>Report Date:</b> 04-FEB-13<br><b>Date Received:</b> 24-JAN-13<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>      |                   | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.779738<br><b>Y:</b> 45.374821                                                                                                                                                                                                          |                  |                                                                                                                      |     |
| <a href="#">18</a>                                                                                                                                                                                                                                             | 1 of 1            | SSW/51.1                                                                                                                                                                                                                                                                                                                                                                       | 64.3 / 0.06      | 1071 Richmond Rd.<br>Ottawa ON K2B 6R2                                                                               | EHS |
| <b>Order No:</b> 20070509005<br><b>Status:</b> C<br><b>Report Type:</b> CAN - Complete Report<br><b>Report Date:</b> 5/17/2007<br><b>Date Received:</b> 5/9/2007<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b> |                   | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b><br><b>Search Radius (km):</b> 0.25<br><b>X:</b> -75.779154<br><b>Y:</b> 45.373669                                                                                                                                                                                                            |                  |                                                                                                                      |     |
| <a href="#">19</a>                                                                                                                                                                                                                                             | 1 of 1            | E/56.4                                                                                                                                                                                                                                                                                                                                                                         | 67.6 / 3.33      | PRIVATE RESIDENCE<br>MR. HERGET APT. BLDG 613-729-9437 1162<br>BYRON AVE. FURNACE OIL TANK<br>OTTAWA CITY ON K2B 6T4 | SPL |
| <b>Ref No:</b> 579<br><b>Year:</b><br><b>Incident Dt:</b> 2/23/1988<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 2/23/1988<br><b>Dt Document Closed:</b><br><b>Site No:</b>                                                                        |                   | <b>Municipality No:</b> 20101<br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b>                                                                                                                                                                                                        |                  |                                                                                                                      |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
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| <b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA CITY<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northings:</b><br><b>Easting:</b><br><b>Incident Cause:</b> VALVE/FITTING LEAK OR FAILURE<br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b> NOT ANTICIPATED<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> WATER<br><b>Incident Reason:</b> MATERIAL FAILURE<br><b>Incident Summary:</b> RESIDENCE - 200 L.FURN. OIL TO FLOOR DRAIN.<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |      |    |

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| <a href="#">20</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 of 1 | S/57.0 | 65.9 / 1.61 | Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON<br>OTTAWA ON | SPL |
| <b>Ref No:</b> 1-1BOQ8Y<br><b>Year:</b><br><b>Incident Dt:</b> 10/13/2021 2:00:09 PM<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 10/13/2021 2:15:14 PM<br><b>Dt Document Closed:</b> 11/5/2021 11:31:26 AM<br><b>Site No:</b><br><b>MOE Response:</b> Desktop Response<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b> |        |        |             |                                                                         |     |
| <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 0 No Impact<br><b>Agency Involved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |        |             |                                                                         |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
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| <b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b> 1 Minor Impact<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> .5 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Motor Vehicle<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> HYDRAULIC OIL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> KEV hydraulic oil to grd, clnd, clnd 0.5 L<br><b>Activity Preceding Spill:</b> Construction or repair<br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b> INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004309850"],"wks":["POINT (-75.7785653840 45.3736228844)"],"creation_date":"2021-10-13"} |                   |                            |                  |      |    |

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| <a href="#">21</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 of 1 | SSW/58.8 | 65.9 / 1.61 | UTMs provided. Richmond & New Orcahrd Ave N<br>Ottawa ON | SPL |
| <b>Ref No:</b> 1348-BTJP7P<br><b>Year:</b><br><b>Incident Dt:</b> 2020/09/17<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 2020/09/17<br><b>Dt Document Closed:</b> 2021/02/08<br><b>Site No:</b> NA<br><b>MOE Response:</b> No<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa<br><b>Nearest Watercourse:</b><br><b>Site Name:</b> OLRT Site<UNOFFICIAL><br><b>Site Address:</b> UTM's provided. Richmond & New Orcahrd Ave N<br><b>Site Region:</b> Eastern<br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b> 5024885<br><b>Easting:</b> 439129<br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 50 L<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Unknown / N/A<br><b>Contaminant Code:</b> 13 |        |          |             |                                                          |     |
| <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 2 - Minor Environment<br><b>Agency Involved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |          |             |                                                          |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                     | Elev/Diff<br>(m) | Site                                                                                                                                                              | DB                                             |
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| <b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   | DIESEL FUEL<br><br>1202<br>Land<br>Equipment Failure<br>KEV - diesel spill at OLRT site<br><br>Miscellaneous Communal                                                                                                                                                                          |                  |                                                                                                                                                                   |                                                |
| <a href="#">22</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 of 1            | WNW/70.6                                                                                                                                                                                                                                                                                       | 59.6 / -4.70     | 100 New Orchard Ave<br>Ottawa ON K2B5E7                                                                                                                           | EHS                                            |
| <b>Order No:</b><br><b>Status:</b><br><b>Report Type:</b><br><b>Report Date:</b><br><b>Date Received:</b><br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   | 20160526100<br>C<br>Standard Report<br>02-JUN-16<br>26-MAY-16<br><br>City Directory                                                                                                                                                                                                            |                  | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b><br><b>Search Radius (km):</b><br><b>X:</b><br><b>Y:</b>                         | Ottawa<br>ON<br>.25<br>-75.779845<br>45.375057 |
| <a href="#">23</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 of 1            | ENE/70.8                                                                                                                                                                                                                                                                                       | 66.1 / 1.88      | Ottawa ON                                                                                                                                                         | SPL                                            |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b> |                   | 4758-AY334G<br><br>2018/04/21<br><br>2018/04/21<br><br>NA<br>No<br><br>10 -100 metres eg. Topographic Map<br>Ottawa<br><br>1148 Byron Ave<UNOFFICIAL><br><br>Eastern<br>Ottawa<br><br>Map<br><br>5024914.6<br>439177.87<br><br>Leak/Break<br><br>2 L<br><br>Sewer (Private or Municipal)<br>44 |                  | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 2 - Minor Environment                          |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                        | Number of Records | Direction/<br>Distance (m)                                                                                                                       | Elev/Diff<br>(m) | Site                                                                                                                                                 | DB                                       |
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| <b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   | SEWAGE,RAW UNCHLORINATED                                                                                                                         |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | n/a                                                                                                                                              |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Land                                                                                                                                             |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Equipment Failure                                                                                                                                |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Sanitary lateral damaged, 2L sewage to grass, cleaned                                                                                            |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Municipal Sewage                                                                                                                                 |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   | Land Spills                                                                                                                                      |                  |                                                                                                                                                      |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <a href="#">24</a>                                                                                                                                                                                                                                                                                                                                                                                             | 1 of 1            | SSW/72.0                                                                                                                                         | 65.9 / 1.61      | <b>Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON</b> | <b>PTTW</b>                              |
| <b>EBR Registry No:</b>                                                                                                                                                                                                                                                                                                                                                                                        |                   | 019-1824                                                                                                                                         |                  | <b>Decision Posted:</b>                                                                                                                              |                                          |
| <b>Ministry Ref No:</b>                                                                                                                                                                                                                                                                                                                                                                                        |                   | 7544-BPSMC3                                                                                                                                      |                  | <b>Exception Posted:</b>                                                                                                                             |                                          |
| <b>Notice Type:</b>                                                                                                                                                                                                                                                                                                                                                                                            |                   | Instrument                                                                                                                                       |                  | <b>Section:</b>                                                                                                                                      | Section 34                               |
| <b>Notice Stage:</b>                                                                                                                                                                                                                                                                                                                                                                                           |                   | Proposal Updated                                                                                                                                 |                  | <b>Act 1:</b>                                                                                                                                        | Ontario Water Resources Act, R.S.O. 1990 |
| <b>Notice Date:</b>                                                                                                                                                                                                                                                                                                                                                                                            |                   |                                                                                                                                                  |                  | <b>Act 2:</b>                                                                                                                                        | Ontario Water Resources Act              |
| <b>Proposal Date:</b>                                                                                                                                                                                                                                                                                                                                                                                          |                   | May 28, 2020                                                                                                                                     |                  | <b>Site Location Map:</b>                                                                                                                            | 45.373438,-75.778873                     |
| <b>Year:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |                   | 2020                                                                                                                                             |                  |                                                                                                                                                      |                                          |
| <b>Instrument Type:</b>                                                                                                                                                                                                                                                                                                                                                                                        |                   | Permit to take water                                                                                                                             |                  |                                                                                                                                                      |                                          |
| <b>Off Instrument Name:</b>                                                                                                                                                                                                                                                                                                                                                                                    |                   | Permit to Take Water (OWRA s. 34)                                                                                                                |                  |                                                                                                                                                      |                                          |
| <b>Posted By:</b>                                                                                                                                                                                                                                                                                                                                                                                              |                   | Ministry of the Environment, Conservation and Parks                                                                                              |                  |                                                                                                                                                      |                                          |
| <b>Company Name:</b>                                                                                                                                                                                                                                                                                                                                                                                           |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <b>Site Address:</b>                                                                                                                                                                                                                                                                                                                                                                                           |                   | Richmond Road Ottawa, ON K2B 6R2 Canada                                                                                                          |                  |                                                                                                                                                      |                                          |
| <b>Location Other:</b>                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <b>Proponent Name:</b>                                                                                                                                                                                                                                                                                                                                                                                         |                   | Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc.                                               |                  |                                                                                                                                                      |                                          |
| <b>Proponent Address:</b>                                                                                                                                                                                                                                                                                                                                                                                      |                   | Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. 2240 Don Reid Drive Ottawa, ON K1H 1E1 Canada |                  |                                                                                                                                                      |                                          |
| <b>Comment Period:</b>                                                                                                                                                                                                                                                                                                                                                                                         |                   | May 28, 2020 - June 27, 2020 (30 days) Closed                                                                                                    |                  |                                                                                                                                                      |                                          |
| <b>URL:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                   | https://ero.ontario.ca/notice/019-1824                                                                                                           |                  |                                                                                                                                                      |                                          |
| <b>Site Location Details:</b>                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <a href="#">25</a>                                                                                                                                                                                                                                                                                                                                                                                             | 1 of 2            | ENE/73.1                                                                                                                                         | 66.1 / 1.88      | <b>Kiewit Eurovia Vinci Byron Ave @ Allison Ave Ottawa ON</b>                                                                                        | <b>SPL</b>                               |
| <b>Ref No:</b>                                                                                                                                                                                                                                                                                                                                                                                                 |                   | 2156-BW5Q34                                                                                                                                      |                  | <b>Municipality No:</b>                                                                                                                              |                                          |
| <b>Year:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                                                                                  |                  | <b>Nature of Damage:</b>                                                                                                                             |                                          |
| <b>Incident Dt:</b>                                                                                                                                                                                                                                                                                                                                                                                            |                   | 12/9/2020                                                                                                                                        |                  | <b>Discharger Report:</b>                                                                                                                            |                                          |
| <b>Dt MOE Arvl on Scn:</b>                                                                                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                  |                  | <b>Material Group:</b>                                                                                                                               |                                          |
| <b>MOE Reported Dt:</b>                                                                                                                                                                                                                                                                                                                                                                                        |                   | 12/9/2020                                                                                                                                        |                  | <b>Impact to Health:</b>                                                                                                                             | 2 - Minor Environment                    |
| <b>Dt Document Closed:</b>                                                                                                                                                                                                                                                                                                                                                                                     |                   | 2/1/2021                                                                                                                                         |                  | <b>Agency Involved:</b>                                                                                                                              |                                          |
| <b>Site No:</b>                                                                                                                                                                                                                                                                                                                                                                                                |                   | NA                                                                                                                                               |                  |                                                                                                                                                      |                                          |
| <b>MOE Response:</b>                                                                                                                                                                                                                                                                                                                                                                                           |                   | No                                                                                                                                               |                  |                                                                                                                                                      |                                          |
| <b>Site County/District:</b>                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <b>Site Geo Ref Meth:</b>                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <b>Site District Office:</b>                                                                                                                                                                                                                                                                                                                                                                                   |                   | Ottawa                                                                                                                                           |                  |                                                                                                                                                      |                                          |
| <b>Nearest Watercourse:</b>                                                                                                                                                                                                                                                                                                                                                                                    |                   |                                                                                                                                                  |                  |                                                                                                                                                      |                                          |
| <b>Site Name:</b>                                                                                                                                                                                                                                                                                                                                                                                              |                   | Intersection<UNOFFICIAL>                                                                                                                         |                  |                                                                                                                                                      |                                          |
| <b>Site Address:</b>                                                                                                                                                                                                                                                                                                                                                                                           |                   | Byron Ave @ Allison Ave                                                                                                                          |                  |                                                                                                                                                      |                                          |
| <b>Site Region:</b>                                                                                                                                                                                                                                                                                                                                                                                            |                   | Eastern                                                                                                                                          |                  |                                                                                                                                                      |                                          |
| <b>Site Municipality:</b>                                                                                                                                                                                                                                                                                                                                                                                      |                   | Ottawa                                                                                                                                           |                  |                                                                                                                                                      |                                          |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b> 5024933.21<br><b>Easting:</b> 439184.32<br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 30 L<br><b>System Facility Address:</b><br><b>Client Name:</b> Kiewit Eurovia Vinci<br><b>Client Type:</b> Corporation<br><b>Source Type:</b> Sewer (Private or Municipal)<br><b>Contaminant Code:</b> 44<br><b>Contaminant Name:</b> SEWAGE,RAW UNCHLORINATED<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b> n/a<br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment Failure<br><b>Incident Summary:</b> KEV - Spill 30L raw sewage to excavation, cntd, clng<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Miscellaneous Communal<br><b>SAC Action Class:</b> Land Spills<br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |          |             |                                                                                                                                                                                         |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <a href="#">25</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 of 2 | ENE/73.1 | 66.1 / 1.88 | Kiewit Eurovia Vinci<br>Allison Ave and Byron Ave<br>Ottawa ON                                                                                                                          | SPL |
| <b>Ref No:</b> 8070-BUTRSH<br><b>Year:</b><br><b>Incident Dt:</b> 10/28/2020<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 10/28/2020<br><b>Dt Document Closed:</b> 2/9/2021<br><b>Site No:</b> NA<br><b>MOE Response:</b> No<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa<br><b>Nearest Watercourse:</b><br><b>Site Name:</b> Project OLRT Stage 2<UNOFFICIAL><br><b>Site Address:</b> Allison Ave and Byron Ave<br><b>Site Region:</b> Eastern<br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b> 5024932<br><b>Easting:</b> 439156<br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 1 L<br><b>System Facility Address:</b> |        |          |             |                                                                                                                                                                                         |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |          |             | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 2 - Minor Environment<br><b>Agency Involved:</b> |     |



| Map Key                                | Number of<br>Records | Direction/<br>Distance (m)              | Elev/Diff<br>(m) | Site                       | DB             |
|----------------------------------------|----------------------|-----------------------------------------|------------------|----------------------------|----------------|
| <b>Client Name:</b>                    |                      | Kiewit Eurovia Vinci                    |                  |                            |                |
| <b>Client Type:</b>                    |                      | Corporation                             |                  |                            |                |
| <b>Source Type:</b>                    |                      | Truck - Transport/Hauling               |                  |                            |                |
| <b>Contaminant Code:</b>               |                      | 13                                      |                  |                            |                |
| <b>Contaminant Name:</b>               |                      | DIESEL FUEL                             |                  |                            |                |
| <b>Contaminant Limit 1:</b>            |                      |                                         |                  |                            |                |
| <b>Contam Limit Freq 1:</b>            |                      |                                         |                  |                            |                |
| <b>Contaminant UN No 1:</b>            |                      | 1202                                    |                  |                            |                |
| <b>Receiving Medium:</b>               |                      | Land                                    |                  |                            |                |
| <b>Incident Reason:</b>                |                      | Operator/Human Error                    |                  |                            |                |
| <b>Incident Summary:</b>               |                      | KEV: ~ 1L diesel to gravel, cntd & clnd |                  |                            |                |
| <b>Activity Preceding Spill:</b>       |                      |                                         |                  |                            |                |
| <b>Property 2nd Watershed:</b>         |                      |                                         |                  |                            |                |
| <b>Property Tertiary Watershed:</b>    |                      |                                         |                  |                            |                |
| <b>Sector Type:</b>                    |                      | Miscellaneous Industrial                |                  |                            |                |
| <b>SAC Action Class:</b>               |                      | Land Spills                             |                  |                            |                |
| <b>Call Report Locatn Geodata:</b>     |                      |                                         |                  |                            |                |
|                                        |                      |                                         |                  |                            |                |
| <a href="#">26</a>                     | 1 of 1               | SW/73.1                                 | 62.8 / -1.44     | ON                         | BORE           |
| <b>Borehole ID:</b>                    |                      | 611018                                  |                  | <b>Inclin FLG:</b>         | No             |
| <b>OGF ID:</b>                         |                      | 215512527                               |                  | <b>SP Status:</b>          | Initial Entry  |
| <b>Status:</b>                         |                      |                                         |                  | <b>Surv Elev:</b>          | No             |
| <b>Type:</b>                           |                      | Borehole                                |                  | <b>Piezometer:</b>         | No             |
| <b>Use:</b>                            |                      |                                         |                  | <b>Primary Name:</b>       |                |
| <b>Completion Date:</b>                |                      |                                         |                  | <b>Municipality:</b>       |                |
| <b>Static Water Level:</b>             |                      |                                         |                  | <b>Lot:</b>                |                |
| <b>Primary Water Use:</b>              |                      |                                         |                  | <b>Township:</b>           |                |
| <b>Sec. Water Use:</b>                 |                      |                                         |                  | <b>Latitude DD:</b>        | 45.373624      |
| <b>Total Depth m:</b>                  |                      | -999                                    |                  | <b>Longitude DD:</b>       | -75.779544     |
| <b>Depth Ref:</b>                      |                      | Ground Surface                          |                  | <b>UTM Zone:</b>           | 18             |
| <b>Depth Elev:</b>                     |                      |                                         |                  | <b>Easting:</b>            | 438961         |
| <b>Drill Method:</b>                   |                      |                                         |                  | <b>Northing:</b>           | 5024752        |
| <b>Orig Ground Elev m:</b>             |                      | 65.5                                    |                  | <b>Location Accuracy:</b>  |                |
| <b>Elev Reliabil Note:</b>             |                      |                                         |                  | <b>Accuracy:</b>           | Not Applicable |
| <b>DEM Ground Elev m:</b>              |                      | 65.3                                    |                  |                            |                |
| <b>Concession:</b>                     |                      |                                         |                  |                            |                |
| <b>Location D:</b>                     |                      |                                         |                  |                            |                |
| <b>Survey D:</b>                       |                      |                                         |                  |                            |                |
| <b>Comments:</b>                       |                      |                                         |                  |                            |                |
| <b><u>Borehole Geology Stratum</u></b> |                      |                                         |                  |                            |                |
| <b>Geology Stratum ID:</b>             |                      | 218387244                               |                  | <b>Mat Consistency:</b>    |                |
| <b>Top Depth:</b>                      |                      | 0                                       |                  | <b>Material Moisture:</b>  |                |
| <b>Bottom Depth:</b>                   |                      | 6.4                                     |                  | <b>Material Texture:</b>   |                |
| <b>Material Color:</b>                 |                      |                                         |                  | <b>Non Geo Mat Type:</b>   |                |
| <b>Material 1:</b>                     |                      | Clay                                    |                  | <b>Geologic Formation:</b> |                |
| <b>Material 2:</b>                     |                      |                                         |                  | <b>Geologic Group:</b>     |                |
| <b>Material 3:</b>                     |                      |                                         |                  | <b>Geologic Period:</b>    |                |
| <b>Material 4:</b>                     |                      |                                         |                  | <b>Depositional Gen:</b>   |                |
| <b>Gsc Material Description:</b>       |                      |                                         |                  |                            |                |
| <b>Stratum Description:</b>            |                      | CLAY.                                   |                  |                            |                |
| <b>Geology Stratum ID:</b>             |                      | 218387245                               |                  | <b>Mat Consistency:</b>    | Dense          |
| <b>Top Depth:</b>                      |                      | 6.4                                     |                  | <b>Material Moisture:</b>  |                |
| <b>Bottom Depth:</b>                   |                      |                                         |                  | <b>Material Texture:</b>   |                |
| <b>Material Color:</b>                 |                      | Grey                                    |                  | <b>Non Geo Mat Type:</b>   |                |
| <b>Material 1:</b>                     |                      | Bedrock                                 |                  | <b>Geologic Formation:</b> |                |
| <b>Material 2:</b>                     |                      | Limestone                               |                  | <b>Geologic Group:</b>     |                |
| <b>Material 3:</b>                     |                      |                                         |                  | <b>Geologic Period:</b>    |                |
| <b>Material 4:</b>                     |                      |                                         |                  | <b>Depositional Gen:</b>   |                |



| Map Key                          | Number of<br>Records                                                               | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site                       | DB                            |
|----------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------|----------------------------|-------------------------------|
| <b>Gsc Material Description:</b> |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Stratum Description:</b>      |                                                                                    | BEDROCK,LIMESTONE. GREY. ED,TILL, SILT. DENSE. SILT,SAND,GRAVEL. DENSE. SILT,SAND,CLAY. DE    |                  |                            |                               |
|                                  |                                                                                    | **Note: Many records provided by the department have a truncated [Stratum Description] field. |                  |                            |                               |
| <b>Source</b>                    |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Source Type:</b>              | Data Survey                                                                        |                                                                                               |                  | <b>Source Appl:</b>        | Spatial/Tabular               |
| <b>Source Orig:</b>              | Geological Survey of Canada                                                        |                                                                                               |                  | <b>Source Iden:</b>        | 1                             |
| <b>Source Date:</b>              | 1956-1972                                                                          |                                                                                               |                  | <b>Scale or Res:</b>       | Varies                        |
| <b>Confidence:</b>               | H                                                                                  |                                                                                               |                  | <b>Horizontal:</b>         | NAD27                         |
| <b>Observatio:</b>               |                                                                                    |                                                                                               |                  | <b>Verticalda:</b>         | Mean Average Sea Level        |
| <b>Source Name:</b>              | Urban Geology Automated Information System (UGAIS)                                 |                                                                                               |                  |                            |                               |
| <b>Source Details:</b>           | File: OTTAWA1.txt RecordID: 035260 NTS_Sheet: 31G05C                               |                                                                                               |                  |                            |                               |
| <b>Confiden 1:</b>               | Logged by professional. Exact and complete description of material and properties. |                                                                                               |                  |                            |                               |
| <b>Source List</b>               |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Source Identifier:</b>        | 1                                                                                  |                                                                                               |                  | <b>Horizontal Datum:</b>   | NAD27                         |
| <b>Source Type:</b>              | Data Survey                                                                        |                                                                                               |                  | <b>Vertical Datum:</b>     | Mean Average Sea Level        |
| <b>Source Date:</b>              | 1956-1972                                                                          |                                                                                               |                  | <b>Projection Name:</b>    | Universal Transverse Mercator |
| <b>Scale or Resolution:</b>      | Varies                                                                             |                                                                                               |                  |                            |                               |
| <b>Source Name:</b>              | Urban Geology Automated Information System (UGAIS)                                 |                                                                                               |                  |                            |                               |
| <b>Source Originators:</b>       | Geological Survey of Canada                                                        |                                                                                               |                  |                            |                               |
|                                  |                                                                                    |                                                                                               |                  |                            |                               |
| <a href="#">27</a>               | 1 of 1                                                                             | SE/77.5                                                                                       | 68.1 / 3.80      | ON                         | BORE                          |
| <b>Borehole ID:</b>              | 611019                                                                             |                                                                                               |                  | <b>Inclin FLG:</b>         | No                            |
| <b>OGF ID:</b>                   | 215512528                                                                          |                                                                                               |                  | <b>SP Status:</b>          | Initial Entry                 |
| <b>Status:</b>                   |                                                                                    |                                                                                               |                  | <b>Surv Elev:</b>          | No                            |
| <b>Type:</b>                     | Borehole                                                                           |                                                                                               |                  | <b>Piezometer:</b>         | No                            |
| <b>Use:</b>                      |                                                                                    |                                                                                               |                  | <b>Primary Name:</b>       |                               |
| <b>Completion Date:</b>          | MAY-1953                                                                           |                                                                                               |                  | <b>Municipality:</b>       |                               |
| <b>Static Water Level:</b>       |                                                                                    |                                                                                               |                  | <b>Lot:</b>                |                               |
| <b>Primary Water Use:</b>        |                                                                                    |                                                                                               |                  | <b>Township:</b>           |                               |
| <b>Sec. Water Use:</b>           |                                                                                    |                                                                                               |                  | <b>Latitude DD:</b>        | 45.373818                     |
| <b>Total Depth m:</b>            | 29                                                                                 |                                                                                               |                  | <b>Longitude DD:</b>       | -75.777503                    |
| <b>Depth Ref:</b>                | Ground Surface                                                                     |                                                                                               |                  | <b>UTM Zone:</b>           | 18                            |
| <b>Depth Elev:</b>               |                                                                                    |                                                                                               |                  | <b>Easting:</b>            | 439121                        |
| <b>Drill Method:</b>             |                                                                                    |                                                                                               |                  | <b>Northing:</b>           | 5024772                       |
| <b>Orig Ground Elev m:</b>       | 73.2                                                                               |                                                                                               |                  | <b>Location Accuracy:</b>  |                               |
| <b>Elev Reliabil Note:</b>       |                                                                                    |                                                                                               |                  | <b>Accuracy:</b>           | Not Applicable                |
| <b>DEM Ground Elev m:</b>        | 69.2                                                                               |                                                                                               |                  |                            |                               |
| <b>Concession:</b>               |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Location D:</b>               |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Survey D:</b>                 |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Comments:</b>                 |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Borehole Geology Stratum</b>  |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Geology Stratum ID:</b>       | 218387247                                                                          |                                                                                               |                  | <b>Mat Consistency:</b>    |                               |
| <b>Top Depth:</b>                | 3                                                                                  |                                                                                               |                  | <b>Material Moisture:</b>  |                               |
| <b>Bottom Depth:</b>             | 18.3                                                                               |                                                                                               |                  | <b>Material Texture:</b>   |                               |
| <b>Material Color:</b>           |                                                                                    |                                                                                               |                  | <b>Non Geo Mat Type:</b>   |                               |
| <b>Material 1:</b>               | Limestone                                                                          |                                                                                               |                  | <b>Geologic Formation:</b> |                               |
| <b>Material 2:</b>               |                                                                                    |                                                                                               |                  | <b>Geologic Group:</b>     |                               |
| <b>Material 3:</b>               |                                                                                    |                                                                                               |                  | <b>Geologic Period:</b>    |                               |
| <b>Material 4:</b>               |                                                                                    |                                                                                               |                  | <b>Depositional Gen:</b>   |                               |
| <b>Gsc Material Description:</b> |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Stratum Description:</b>      |                                                                                    | LIMESTONE.                                                                                    |                  |                            |                               |
|                                  |                                                                                    |                                                                                               |                  |                            |                               |
| <b>Geology Stratum ID:</b>       | 218387249                                                                          |                                                                                               |                  | <b>Mat Consistency:</b>    | Dense                         |



| Map Key                   | Number of<br>Records                                                                                                                                                              | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                | DB                            |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------|---------------------|-------------------------------|
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Top Depth:                | 21.3                                                                                                                                                                              |                            |                  | Material Moisture:  |                               |
| Bottom Depth:             | 29                                                                                                                                                                                |                            |                  | Material Texture:   |                               |
| Material Color:           | White                                                                                                                                                                             |                            |                  | Non Geo Mat Type:   |                               |
| Material 1:               | Limestone                                                                                                                                                                         |                            |                  | Geologic Formation: |                               |
| Material 2:               |                                                                                                                                                                                   |                            |                  | Geologic Group:     |                               |
| Material 3:               |                                                                                                                                                                                   |                            |                  | Geologic Period:    |                               |
| Material 4:               |                                                                                                                                                                                   |                            |                  | Depositional Gen:   |                               |
| Gsc Material Description: |                                                                                                                                                                                   |                            |                  |                     |                               |
| Stratum Description:      | LIMESTONE. WHITE. 00075AVEL. DENSE. SILT,SAND,CLAY. DENSE. 00000 015 00025 010 0006 **Note: Many records provided by the department have a truncated [Stratum Description] field. |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Geology Stratum ID:       | 218387246                                                                                                                                                                         |                            |                  | Mat Consistency:    |                               |
| Top Depth:                | 0                                                                                                                                                                                 |                            |                  | Material Moisture:  |                               |
| Bottom Depth:             | 3                                                                                                                                                                                 |                            |                  | Material Texture:   |                               |
| Material Color:           | Grey                                                                                                                                                                              |                            |                  | Non Geo Mat Type:   |                               |
| Material 1:               | Clay                                                                                                                                                                              |                            |                  | Geologic Formation: |                               |
| Material 2:               |                                                                                                                                                                                   |                            |                  | Geologic Group:     |                               |
| Material 3:               |                                                                                                                                                                                   |                            |                  | Geologic Period:    |                               |
| Material 4:               |                                                                                                                                                                                   |                            |                  | Depositional Gen:   |                               |
| Gsc Material Description: |                                                                                                                                                                                   |                            |                  |                     |                               |
| Stratum Description:      | CLAY. GREY.                                                                                                                                                                       |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Geology Stratum ID:       | 218387248                                                                                                                                                                         |                            |                  | Mat Consistency:    |                               |
| Top Depth:                | 18.3                                                                                                                                                                              |                            |                  | Material Moisture:  |                               |
| Bottom Depth:             | 21.3                                                                                                                                                                              |                            |                  | Material Texture:   |                               |
| Material Color:           |                                                                                                                                                                                   |                            |                  | Non Geo Mat Type:   |                               |
| Material 1:               | Limestone                                                                                                                                                                         |                            |                  | Geologic Formation: |                               |
| Material 2:               | Shale                                                                                                                                                                             |                            |                  | Geologic Group:     |                               |
| Material 3:               |                                                                                                                                                                                   |                            |                  | Geologic Period:    |                               |
| Material 4:               |                                                                                                                                                                                   |                            |                  | Depositional Gen:   |                               |
| Gsc Material Description: |                                                                                                                                                                                   |                            |                  |                     |                               |
| Stratum Description:      | LIMESTONE,SHALE.                                                                                                                                                                  |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| <u>Source</u>             |                                                                                                                                                                                   |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Source Type:              | Data Survey                                                                                                                                                                       |                            |                  | Source Appl:        | Spatial/Tabular               |
| Source Orig:              | Geological Survey of Canada                                                                                                                                                       |                            |                  | Source Iden:        | 1                             |
| Source Date:              | 1956-1972                                                                                                                                                                         |                            |                  | Scale or Res:       | Varies                        |
| Confidence:               |                                                                                                                                                                                   |                            |                  | Horizontal:         | NAD27                         |
| Observatio:               |                                                                                                                                                                                   |                            |                  | Verticalda:         | Mean Average Sea Level        |
| Source Name:              | Urban Geology Automated Information System (UGAIS)                                                                                                                                |                            |                  |                     |                               |
| Source Details:           | File: OTTAWA1.txt RecordID: 03527 NTS_Sheet:                                                                                                                                      |                            |                  |                     |                               |
| Confiden 1:               |                                                                                                                                                                                   |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| <u>Source List</u>        |                                                                                                                                                                                   |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Source Identifier:        | 1                                                                                                                                                                                 |                            |                  | Horizontal Datum:   | NAD27                         |
| Source Type:              | Data Survey                                                                                                                                                                       |                            |                  | Vertical Datum:     | Mean Average Sea Level        |
| Source Date:              | 1956-1972                                                                                                                                                                         |                            |                  | Projection Name:    | Universal Transverse Mercator |
| Scale or Resolution:      | Varies                                                                                                                                                                            |                            |                  |                     |                               |
| Source Name:              | Urban Geology Automated Information System (UGAIS)                                                                                                                                |                            |                  |                     |                               |
| Source Originators:       | Geological Survey of Canada                                                                                                                                                       |                            |                  |                     |                               |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| <a href="#">28</a>        | 1 of 1                                                                                                                                                                            | SE/77.7                    | 68.1 / 3.80      | ON                  | WWIS                          |
| <hr/>                     |                                                                                                                                                                                   |                            |                  |                     |                               |
| Well ID:                  | 1509027                                                                                                                                                                           |                            |                  | Flowing (Y/N):      |                               |
| Construction Date:        |                                                                                                                                                                                   |                            |                  | Flow Rate:          |                               |
| Use 1st:                  | Domestic                                                                                                                                                                          |                            |                  | Data Entry Status:  |                               |
| Use 2nd:                  | 0                                                                                                                                                                                 |                            |                  | Data Src:           | 1                             |
| Final Well Status:        | Water Supply                                                                                                                                                                      |                            |                  | Date Received:      | 06/29/1953                    |
| Water Type:               |                                                                                                                                                                                   |                            |                  | Selected Flag:      | TRUE                          |
| Casing Material:          |                                                                                                                                                                                   |                            |                  | Abandonment Rec:    |                               |







| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931011255                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      | 2                          |                  |      |    |
| General Color:                                              |                      | GREY                       |                  |      |    |
| Material 1:                                                 |                      | 05                         |                  |      |    |
| Material 1 Desc:                                            |                      | CLAY                       |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 10.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931011257                  |                  |      |    |
| Layer:                                                      |                      | 3                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      | 17                         |                  |      |    |
| Material 2 Desc:                                            |                      | SHALE                      |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 60.0                       |                  |      |    |
| Formation End Depth:                                        |                      | 70.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931011258                  |                  |      |    |
| Layer:                                                      |                      | 4                          |                  |      |    |
| Color:                                                      |                      | 1                          |                  |      |    |
| General Color:                                              |                      | WHITE                      |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 70.0                       |                  |      |    |
| Formation End Depth:                                        |                      | 95.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961509027                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10579631                   |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB   |
|---------------------------------------------|----------------------|----------------------------|------------------|--------------------|------|
| <hr/>                                       |                      |                            |                  |                    |      |
| Casing No:                                  | 1                    |                            |                  |                    |      |
| Comment:                                    |                      |                            |                  |                    |      |
| Alt Name:                                   |                      |                            |                  |                    |      |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                    |      |
| Casing ID:                                  | 930054763            |                            |                  |                    |      |
| Layer:                                      | 1                    |                            |                  |                    |      |
| Material:                                   | 1                    |                            |                  |                    |      |
| Open Hole or Material:                      | STEEL                |                            |                  |                    |      |
| Depth From:                                 |                      |                            |                  |                    |      |
| Depth To:                                   | 20.0                 |                            |                  |                    |      |
| Casing Diameter:                            | 4.0                  |                            |                  |                    |      |
| Casing Diameter UOM:                        | inch                 |                            |                  |                    |      |
| Casing Depth UOM:                           | ft                   |                            |                  |                    |      |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                    |      |
| Casing ID:                                  | 930054764            |                            |                  |                    |      |
| Layer:                                      | 2                    |                            |                  |                    |      |
| Material:                                   | 4                    |                            |                  |                    |      |
| Open Hole or Material:                      | OPEN HOLE            |                            |                  |                    |      |
| Depth From:                                 |                      |                            |                  |                    |      |
| Depth To:                                   | 95.0                 |                            |                  |                    |      |
| Casing Diameter:                            | 4.0                  |                            |                  |                    |      |
| Casing Diameter UOM:                        | inch                 |                            |                  |                    |      |
| Casing Depth UOM:                           | ft                   |                            |                  |                    |      |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |                    |      |
| Pumping Test Method Desc:                   | PUMP                 |                            |                  |                    |      |
| Pump Test ID:                               | 991509027            |                            |                  |                    |      |
| Pump Set At:                                |                      |                            |                  |                    |      |
| Static Level:                               | 20.0                 |                            |                  |                    |      |
| Final Level After Pumping:                  | 20.0                 |                            |                  |                    |      |
| Recommended Pump Depth:                     |                      |                            |                  |                    |      |
| Pumping Rate:                               |                      |                            |                  |                    |      |
| Flowing Rate:                               |                      |                            |                  |                    |      |
| Recommended Pump Rate:                      |                      |                            |                  |                    |      |
| Levels UOM:                                 | ft                   |                            |                  |                    |      |
| Rate UOM:                                   | GPM                  |                            |                  |                    |      |
| Water State After Test Code:                | 2                    |                            |                  |                    |      |
| Water State After Test:                     | CLOUDY               |                            |                  |                    |      |
| Pumping Test Method:                        | 1                    |                            |                  |                    |      |
| Pumping Duration HR:                        | 1                    |                            |                  |                    |      |
| Pumping Duration MIN:                       | 0                    |                            |                  |                    |      |
| Flowing:                                    | No                   |                            |                  |                    |      |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                    |      |
| Water ID:                                   | 933463794            |                            |                  |                    |      |
| Layer:                                      | 1                    |                            |                  |                    |      |
| Kind Code:                                  | 1                    |                            |                  |                    |      |
| Kind:                                       | FRESH                |                            |                  |                    |      |
| Water Found Depth:                          | 75.0                 |                            |                  |                    |      |
| Water Found Depth UOM:                      | ft                   |                            |                  |                    |      |
| <hr/>                                       |                      |                            |                  |                    |      |
| <a href="#">29</a>                          | 1 of 1               | SSE/79.9                   | 67.9 / 3.61      | lot 25 con 1<br>ON | WWIS |
| Well ID:                                    | 1503902              |                            |                  | Flowing (Y/N):     |      |
| Construction Date:                          |                      |                            |                  | Flow Rate:         |      |



| Map Key                      | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site               | DB              |
|------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|--------------------|-----------------|
| Use 1st:                     | Domestic             |                                                                                               |                  | Data Entry Status: |                 |
| Use 2nd:                     | 0                    |                                                                                               |                  | Data Src:          | 1               |
| Final Well Status:           | Water Supply         |                                                                                               |                  | Date Received:     | 11/12/1949      |
| Water Type:                  |                      |                                                                                               |                  | Selected Flag:     | TRUE            |
| Casing Material:             |                      |                                                                                               |                  | Abandonment Rec:   |                 |
| Audit No:                    |                      |                                                                                               |                  | Contractor:        | 3566            |
| Tag:                         |                      |                                                                                               |                  | Form Version:      | 1               |
| Constructn Method:           |                      |                                                                                               |                  | Owner:             |                 |
| Elevation (m):               |                      |                                                                                               |                  | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty:          |                      |                                                                                               |                  | Lot:               | 025             |
| Depth to Bedrock:            |                      |                                                                                               |                  | Concession:        | 01              |
| Well Depth:                  |                      |                                                                                               |                  | Concession Name:   | OF              |
| Overburden/Bedrock:          |                      |                                                                                               |                  | Easting NAD83:     |                 |
| Pump Rate:                   |                      |                                                                                               |                  | Northing NAD83:    |                 |
| Static Water Level:          |                      |                                                                                               |                  | Zone:              |                 |
| Clear/Cloudy:                |                      |                                                                                               |                  | UTM Reliability:   |                 |
| Municipality:                |                      | OTTAWA CITY (NEPEAN)                                                                          |                  |                    |                 |
| Site Info:                   |                      |                                                                                               |                  |                    |                 |
| PDF URL (Map):               |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503902.pdf |                  |                    |                 |
| Additional Detail(s) (Map)   |                      |                                                                                               |                  |                    |                 |
| Well Completed Date:         |                      | 10/08/1949                                                                                    |                  |                    |                 |
| Year Completed:              |                      | 1949                                                                                          |                  |                    |                 |
| Depth (m):                   |                      | 28.956                                                                                        |                  |                    |                 |
| Latitude:                    |                      | 45.3735435993952                                                                              |                  |                    |                 |
| Longitude:                   |                      | -75.7778832206676                                                                             |                  |                    |                 |
| X:                           |                      | -75.7778830597133                                                                             |                  |                    |                 |
| Y:                           |                      | 45.37354359257608                                                                             |                  |                    |                 |
| Path:                        |                      | 150\1503902.pdf                                                                               |                  |                    |                 |
| Bore Hole Information        |                      |                                                                                               |                  |                    |                 |
| Bore Hole ID:                | 10025945             |                                                                                               |                  | Elevation:         |                 |
| DP2BR:                       |                      |                                                                                               |                  | Elevrc:            |                 |
| Spatial Status:              |                      |                                                                                               |                  | Zone:              | 18              |
| Code OB:                     |                      |                                                                                               |                  | East83:            | 439090.60       |
| Code OB Desc:                |                      |                                                                                               |                  | North83:           | 5024742.00      |
| Open Hole:                   |                      |                                                                                               |                  | Org CS:            |                 |
| Cluster Kind:                |                      |                                                                                               |                  | UTMRC:             | 9               |
| Date Completed:              | 10/08/1949           |                                                                                               |                  | UTMRC Desc:        | unknown UTM     |
| Remarks:                     |                      |                                                                                               |                  | Location Method:   | p9              |
| Location Method Desc:        |                      | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  |                    |                 |
| Elevrc Desc:                 |                      |                                                                                               |                  |                    |                 |
| Location Source Date:        |                      |                                                                                               |                  |                    |                 |
| Improvement Location Source: |                      |                                                                                               |                  |                    |                 |
| Improvement Location Method: |                      |                                                                                               |                  |                    |                 |
| Source Revision Comment:     |                      |                                                                                               |                  |                    |                 |
| Supplier Comment:            |                      |                                                                                               |                  |                    |                 |
| Overburden and Bedrock       |                      |                                                                                               |                  |                    |                 |
| Materials Interval           |                      |                                                                                               |                  |                    |                 |
| Formation ID:                |                      | 930997847                                                                                     |                  |                    |                 |
| Layer:                       |                      | 1                                                                                             |                  |                    |                 |
| Color:                       |                      |                                                                                               |                  |                    |                 |
| General Color:               |                      |                                                                                               |                  |                    |                 |
| Material 1:                  |                      | 02                                                                                            |                  |                    |                 |
| Material 1 Desc:             |                      | TOPSOIL                                                                                       |                  |                    |                 |
| Material 2:                  |                      |                                                                                               |                  |                    |                 |
| Material 2 Desc:             |                      |                                                                                               |                  |                    |                 |
| Material 3:                  |                      |                                                                                               |                  |                    |                 |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Material 3 Desc:</b>                                     |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 9.0                        |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 930997848                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 9.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 95.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961503902                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10574515                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930044640                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Material:                                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 95.0                       |                  |      |    |
| Casing Diameter:                                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930044639                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Material:                                                   |                      | 1                          |                  |      |    |
| Open Hole or Material:                                      |                      | STEEL                      |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 10.0                       |                  |      |    |
| Casing Diameter:                                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)    | Site                       | DB             |
|---------------------------------------------|----------------------|----------------------------|---------------------|----------------------------|----------------|
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                     |                            |                |
| <b>Pumping Test Method Desc:</b>            |                      | PUMP                       |                     |                            |                |
| <b>Pump Test ID:</b>                        |                      | 991503902                  |                     |                            |                |
| <b>Pump Set At:</b>                         |                      |                            |                     |                            |                |
| <b>Static Level:</b>                        |                      | 30.0                       |                     |                            |                |
| <b>Final Level After Pumping:</b>           |                      | 40.0                       |                     |                            |                |
| <b>Recommended Pump Depth:</b>              |                      |                            |                     |                            |                |
| <b>Pumping Rate:</b>                        |                      | 7.0                        |                     |                            |                |
| <b>Flowing Rate:</b>                        |                      |                            |                     |                            |                |
| <b>Recommended Pump Rate:</b>               |                      | 7.0                        |                     |                            |                |
| <b>Levels UOM:</b>                          |                      | ft                         |                     |                            |                |
| <b>Rate UOM:</b>                            |                      | GPM                        |                     |                            |                |
| <b>Water State After Test Code:</b>         |                      | 1                          |                     |                            |                |
| <b>Water State After Test:</b>              |                      | CLEAR                      |                     |                            |                |
| <b>Pumping Test Method:</b>                 |                      | 1                          |                     |                            |                |
| <b>Pumping Duration HR:</b>                 |                      | 0                          |                     |                            |                |
| <b>Pumping Duration MIN:</b>                |                      | 30                         |                     |                            |                |
| <b>Flowing:</b>                             |                      | No                         |                     |                            |                |
| <b><u>Water Details</u></b>                 |                      |                            |                     |                            |                |
| <b>Water ID:</b>                            |                      | 933456928                  |                     |                            |                |
| <b>Layer:</b>                               |                      | 1                          |                     |                            |                |
| <b>Kind Code:</b>                           |                      | 1                          |                     |                            |                |
| <b>Kind:</b>                                |                      | FRESH                      |                     |                            |                |
| <b>Water Found Depth:</b>                   |                      | 92.0                       |                     |                            |                |
| <b>Water Found Depth UOM:</b>               |                      | ft                         |                     |                            |                |
| <hr/>                                       |                      |                            |                     |                            |                |
| <b>30</b>                                   | <b>1 of 1</b>        | <b>W/80.7</b>              | <b>59.9 / -4.39</b> | <b>ON</b>                  | <b>BORE</b>    |
| <b>Borehole ID:</b>                         | 611024               |                            |                     | <b>Inclin FLG:</b>         | No             |
| <b>OGF ID:</b>                              | 215512533            |                            |                     | <b>SP Status:</b>          | Initial Entry  |
| <b>Status:</b>                              |                      |                            |                     | <b>Surv Elev:</b>          | No             |
| <b>Type:</b>                                | Borehole             |                            |                     | <b>Piezometer:</b>         | No             |
| <b>Use:</b>                                 |                      |                            |                     | <b>Primary Name:</b>       |                |
| <b>Completion Date:</b>                     | SEP-1972             |                            |                     | <b>Municipality:</b>       |                |
| <b>Static Water Level:</b>                  |                      |                            |                     | <b>Lot:</b>                |                |
| <b>Primary Water Use:</b>                   |                      |                            |                     | <b>Township:</b>           |                |
| <b>Sec. Water Use:</b>                      |                      |                            |                     | <b>Latitude DD:</b>        | 45.37452       |
| <b>Total Depth m:</b>                       | 6.4                  |                            |                     | <b>Longitude DD:</b>       | -75.780195     |
| <b>Depth Ref:</b>                           | Ground Surface       |                            |                     | <b>UTM Zone:</b>           | 18             |
| <b>Depth Elev:</b>                          |                      |                            |                     | <b>Easting:</b>            | 438911         |
| <b>Drill Method:</b>                        |                      |                            |                     | <b>Northing:</b>           | 5024852        |
| <b>Orig Ground Elev m:</b>                  | 60                   |                            |                     | <b>Location Accuracy:</b>  |                |
| <b>Elev Reliabil Note:</b>                  |                      |                            |                     | <b>Accuracy:</b>           | Not Applicable |
| <b>DEM Ground Elev m:</b>                   | 62                   |                            |                     |                            |                |
| <b>Concession:</b>                          |                      |                            |                     |                            |                |
| <b>Location D:</b>                          |                      |                            |                     |                            |                |
| <b>Survey D:</b>                            |                      |                            |                     |                            |                |
| <b>Comments:</b>                            |                      |                            |                     |                            |                |
| <b><u>Borehole Geology Stratum</u></b>      |                      |                            |                     |                            |                |
| <b>Geology Stratum ID:</b>                  | 218387265            |                            |                     | <b>Mat Consistency:</b>    | Compact        |
| <b>Top Depth:</b>                           | 0                    |                            |                     | <b>Material Moisture:</b>  |                |
| <b>Bottom Depth:</b>                        | 1.9                  |                            |                     | <b>Material Texture:</b>   |                |
| <b>Material Color:</b>                      | Brown                |                            |                     | <b>Non Geo Mat Type:</b>   |                |
| <b>Material 1:</b>                          |                      |                            |                     | <b>Geologic Formation:</b> |                |
| <b>Material 2:</b>                          | Sand                 |                            |                     | <b>Geologic Group:</b>     |                |
| <b>Material 3:</b>                          | Silt                 |                            |                     | <b>Geologic Period:</b>    |                |
| <b>Material 4:</b>                          | Gravel               |                            |                     | <b>Depositional Gen:</b>   |                |



| Map Key                          | Number of<br>Records                                                               | Direction/<br>Distance (m)                                                                                                                                                                  | Elev/Diff<br>(m) | Site                                      | DB                            |
|----------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------|-------------------------------|
| <b>Gsc Material Description:</b> |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Stratum Description:</b>      |                                                                                    | ARTIFICIAL,SAND,SILT,GRAVEL. BROWN,GREY,COMPACT.                                                                                                                                            |                  |                                           |                               |
| <b>Geology Stratum ID:</b>       | 218387266                                                                          |                                                                                                                                                                                             |                  | <b>Mat Consistency:</b>                   | Loose                         |
| <b>Top Depth:</b>                | 1.9                                                                                |                                                                                                                                                                                             |                  | <b>Material Moisture:</b>                 |                               |
| <b>Bottom Depth:</b>             | 4.3                                                                                |                                                                                                                                                                                             |                  | <b>Material Texture:</b>                  | Coarse                        |
| <b>Material Color:</b>           | Brown                                                                              |                                                                                                                                                                                             |                  | <b>Non Geo Mat Type:</b>                  |                               |
| <b>Material 1:</b>               | Sand                                                                               |                                                                                                                                                                                             |                  | <b>Geologic Formation:</b>                |                               |
| <b>Material 2:</b>               | Sand                                                                               |                                                                                                                                                                                             |                  | <b>Geologic Group:</b>                    |                               |
| <b>Material 3:</b>               | Gravel                                                                             |                                                                                                                                                                                             |                  | <b>Geologic Period:</b>                   |                               |
| <b>Material 4:</b>               |                                                                                    |                                                                                                                                                                                             |                  | <b>Depositional Gen:</b>                  |                               |
| <b>Gsc Material Description:</b> |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Stratum Description:</b>      |                                                                                    | SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE.                                                                                                                                       |                  |                                           |                               |
| <b>Geology Stratum ID:</b>       | 218387267                                                                          |                                                                                                                                                                                             |                  | <b>Mat Consistency:</b>                   | Dense                         |
| <b>Top Depth:</b>                | 4.3                                                                                |                                                                                                                                                                                             |                  | <b>Material Moisture:</b>                 |                               |
| <b>Bottom Depth:</b>             | 6.4                                                                                |                                                                                                                                                                                             |                  | <b>Material Texture:</b>                  |                               |
| <b>Material Color:</b>           | Grey                                                                               |                                                                                                                                                                                             |                  | <b>Non Geo Mat Type:</b>                  |                               |
| <b>Material 1:</b>               | Silt                                                                               |                                                                                                                                                                                             |                  | <b>Geologic Formation:</b>                |                               |
| <b>Material 2:</b>               | Sand                                                                               |                                                                                                                                                                                             |                  | <b>Geologic Group:</b>                    |                               |
| <b>Material 3:</b>               | Till                                                                               |                                                                                                                                                                                             |                  | <b>Geologic Period:</b>                   |                               |
| <b>Material 4:</b>               |                                                                                    |                                                                                                                                                                                             |                  | <b>Depositional Gen:</b>                  |                               |
| <b>Gsc Material Description:</b> |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Stratum Description:</b>      |                                                                                    | SILT,SAND,TILL. GREY,DENSE TO VERY DENSE. 000000230006300900140070ND. BEDROCK,LIMESTONE, DOLO **Note: Many records provided by the department have a truncated [Stratum Description] field. |                  |                                           |                               |
| <b>Source</b>                    |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source Type:</b>              | Data Survey                                                                        |                                                                                                                                                                                             |                  | <b>Source Appl:</b>                       | Spatial/Tabular               |
| <b>Source Orig:</b>              | Geological Survey of Canada                                                        |                                                                                                                                                                                             |                  | <b>Source Iden:</b>                       | 1                             |
| <b>Source Date:</b>              | 1956-1972                                                                          |                                                                                                                                                                                             |                  | <b>Scale or Res:</b>                      | Varies                        |
| <b>Confidence:</b>               | H                                                                                  |                                                                                                                                                                                             |                  | <b>Horizontal:</b>                        | NAD27                         |
| <b>Observatio:</b>               |                                                                                    |                                                                                                                                                                                             |                  | <b>Verticalda:</b>                        | Mean Average Sea Level        |
| <b>Source Name:</b>              | Urban Geology Automated Information System (UGAIS)                                 |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source Details:</b>           | File: OTTAWA1.txt RecordID: 035320 NTS_Sheet: 31G05C                               |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Confiden 1:</b>               | Logged by professional. Exact and complete description of material and properties. |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source List</b>               |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source Identifier:</b>        | 1                                                                                  |                                                                                                                                                                                             |                  | <b>Horizontal Datum:</b>                  | NAD27                         |
| <b>Source Type:</b>              | Data Survey                                                                        |                                                                                                                                                                                             |                  | <b>Vertical Datum:</b>                    | Mean Average Sea Level        |
| <b>Source Date:</b>              | 1956-1972                                                                          |                                                                                                                                                                                             |                  | <b>Projection Name:</b>                   | Universal Transverse Mercator |
| <b>Scale or Resolution:</b>      | Varies                                                                             |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source Name:</b>              | Urban Geology Automated Information System (UGAIS)                                 |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Source Originators:</b>       | Geological Survey of Canada                                                        |                                                                                                                                                                                             |                  |                                           |                               |
|                                  |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <a href="#">31</a>               | 1 of 4                                                                             | WSW/85.9                                                                                                                                                                                    | 60.2 / -4.09     | 1071 Ambleside drive<br>ottawa ON K2B 6V4 | EHS                           |
| <b>Order No:</b>                 | 20080408028                                                                        |                                                                                                                                                                                             |                  | <b>Nearest Intersection:</b>              |                               |
| <b>Status:</b>                   | C                                                                                  |                                                                                                                                                                                             |                  | <b>Municipality:</b>                      |                               |
| <b>Report Type:</b>              | Custom Report                                                                      |                                                                                                                                                                                             |                  | <b>Client Prov/State:</b>                 | ON                            |
| <b>Report Date:</b>              | 4/17/2008                                                                          |                                                                                                                                                                                             |                  | <b>Search Radius (km):</b>                | 0.25                          |
| <b>Date Received:</b>            | 4/8/2008                                                                           |                                                                                                                                                                                             |                  | <b>X:</b>                                 | -75.779894                    |
| <b>Previous Site Name:</b>       |                                                                                    |                                                                                                                                                                                             |                  | <b>Y:</b>                                 | 45.37395                      |
| <b>Lot/Building Size:</b>        |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <b>Additional Info Ordered:</b>  | Fire Insur. Maps And /or Site Plans                                                |                                                                                                                                                                                             |                  |                                           |                               |
|                                  |                                                                                    |                                                                                                                                                                                             |                  |                                           |                               |
| <a href="#">31</a>               | 2 of 4                                                                             | WSW/85.9                                                                                                                                                                                    | 60.2 / -4.09     | 1071 Ambleside Dr<br>Ottawa ON K2B6V4     | EHS                           |
| <b>Order No:</b>                 | 20150323014                                                                        |                                                                                                                                                                                             |                  | <b>Nearest Intersection:</b>              |                               |



74 [erisinfo.com](http://erisinfo.com) | Environmental Risk Information Services Order No: 24062502224



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                    | DB  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-------------------------------------------------------------------------|-----|
| Notes:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                            |                  |                                                                         |     |
| <a href="#">32</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 of 2            | SE/89.8                    | 68.7 / 4.44      | Enbridge Gas Distribution Inc.<br>211 woodland Dr<br>Ottawa ON          | SPL |
| <div> <div> <b>Ref No:</b> 5883-9YA2JS<br/> <b>Year:</b><br/> <b>Incident Dt:</b> 7/9/2015<br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> 7/9/2015<br/> <b>Dt Document Closed:</b> 8/26/2015<br/> <b>Site No:</b> NA<br/> <b>MOE Response:</b> No<br/> <b>Site County/District:</b><br/> <b>Site Geo Ref Meth:</b><br/> <b>Site District Office:</b><br/> <b>Nearest Watercourse:</b><br/> <b>Site Name:</b> residential&lt;UNOFFICIAL&gt;<br/> <b>Site Address:</b> 211 woodland Dr<br/> <b>Site Region:</b><br/> <b>Site Municipality:</b> Ottawa<br/> <b>Site Lot:</b><br/> <b>Site Conc:</b><br/> <b>Site Geo Ref Accu:</b><br/> <b>Site Map Datum:</b><br/> <b>Northings:</b><br/> <b>Easting:</b><br/> <b>Incident Cause:</b><br/> <b>Incident Preceding Spill:</b><br/> <b>Environment Impact:</b><br/> <b>Health Env Consequence:</b><br/> <b>Nature of Impact:</b><br/> <b>Contaminant Qty:</b> 0 other - see incident description<br/> <b>System Facility Address:</b><br/> <b>Client Name:</b> Enbridge Gas Distribution Inc.<br/> <b>Client Type:</b><br/> <b>Source Type:</b><br/> <b>Contaminant Code:</b> 35<br/> <b>Contaminant Name:</b> NATURAL GAS (METHANE)<br/> <b>Contaminant Limit 1:</b><br/> <b>Contam Limit Freq 1:</b><br/> <b>Contaminant UN No 1:</b><br/> <b>Receiving Medium:</b><br/> <b>Incident Reason:</b> Operator/Human Error<br/> <b>Incident Summary:</b> TSSA: 1/2" line strike on Woodland Dr -made safe-<br/> <b>Activity Preceding Spill:</b><br/> <b>Property 2nd Watershed:</b><br/> <b>Property Tertiary Watershed:</b><br/> <b>Sector Type:</b> Miscellaneous Communal<br/> <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill<br/> <b>Call Report Locatn Geodata:</b> </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b> </div> </div> |                   |                            |                  |                                                                         |     |
| <a href="#">33</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 of 1            | ENE/90.8                   | 65.7 / 1.45      | Kiewit Eurovia Vinci<br>North of Byron Ave and Allison Ave<br>Ottawa ON | SPL |
| <div> <div> <b>Ref No:</b> 7454-BV3NVF<br/> <b>Year:</b><br/> <b>Incident Dt:</b> 11/5/2020<br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> 11/5/2020 </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b> 2 - Minor Environment </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                            |                  |                                                                         |     |



| Map Key                             | Number of Records                                     | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                               | DB         |
|-------------------------------------|-------------------------------------------------------|----------------------------|------------------|----------------------------------------------------------------------------------------------------|------------|
| <hr/>                               |                                                       |                            |                  |                                                                                                    |            |
| <b>Dt Document Closed:</b>          | 2/9/2021                                              |                            |                  | <b>Agency Involved:</b>                                                                            |            |
| <b>Site No:</b>                     | NA                                                    |                            |                  |                                                                                                    |            |
| <b>MOE Response:</b>                | No                                                    |                            |                  |                                                                                                    |            |
| <b>Site County/District:</b>        |                                                       |                            |                  |                                                                                                    |            |
| <b>Site Geo Ref Meth:</b>           |                                                       |                            |                  |                                                                                                    |            |
| <b>Site District Office:</b>        | Ottawa                                                |                            |                  |                                                                                                    |            |
| <b>Nearest Watercourse:</b>         |                                                       |                            |                  |                                                                                                    |            |
| <b>Site Name:</b>                   | Hyd Oil Spill<UNOFFICIAL>                             |                            |                  |                                                                                                    |            |
| <b>Site Address:</b>                | North of Byron Ave and Allison Ave                    |                            |                  |                                                                                                    |            |
| <b>Site Region:</b>                 | Eastern                                               |                            |                  |                                                                                                    |            |
| <b>Site Municipality:</b>           | Ottawa                                                |                            |                  |                                                                                                    |            |
| <b>Site Lot:</b>                    |                                                       |                            |                  |                                                                                                    |            |
| <b>Site Conc:</b>                   |                                                       |                            |                  |                                                                                                    |            |
| <b>Site Geo Ref Accu:</b>           |                                                       |                            |                  |                                                                                                    |            |
| <b>Site Map Datum:</b>              |                                                       |                            |                  |                                                                                                    |            |
| <b>Northing:</b>                    | 5024957.59                                            |                            |                  |                                                                                                    |            |
| <b>Easting:</b>                     | 439176.54                                             |                            |                  |                                                                                                    |            |
| <b>Incident Cause:</b>              |                                                       |                            |                  |                                                                                                    |            |
| <b>Incident Preceding Spill:</b>    | Leak/Break                                            |                            |                  |                                                                                                    |            |
| <b>Environment Impact:</b>          |                                                       |                            |                  |                                                                                                    |            |
| <b>Health Env Consequence:</b>      |                                                       |                            |                  |                                                                                                    |            |
| <b>Nature of Impact:</b>            |                                                       |                            |                  |                                                                                                    |            |
| <b>Contaminant Qty:</b>             | 0.5 L                                                 |                            |                  |                                                                                                    |            |
| <b>System Facility Address:</b>     |                                                       |                            |                  |                                                                                                    |            |
| <b>Client Name:</b>                 | Kiewit Eurovia Vinci                                  |                            |                  |                                                                                                    |            |
| <b>Client Type:</b>                 | Corporation                                           |                            |                  |                                                                                                    |            |
| <b>Source Type:</b>                 | Other                                                 |                            |                  |                                                                                                    |            |
| <b>Contaminant Code:</b>            | 15                                                    |                            |                  |                                                                                                    |            |
| <b>Contaminant Name:</b>            | HYDRAULIC OIL                                         |                            |                  |                                                                                                    |            |
| <b>Contaminant Limit 1:</b>         |                                                       |                            |                  |                                                                                                    |            |
| <b>Contam Limit Freq 1:</b>         |                                                       |                            |                  |                                                                                                    |            |
| <b>Contaminant UN No 1:</b>         | n/a                                                   |                            |                  |                                                                                                    |            |
| <b>Receiving Medium:</b>            | Land; Source Water Zone                               |                            |                  |                                                                                                    |            |
| <b>Incident Reason:</b>             | Equipment Failure                                     |                            |                  |                                                                                                    |            |
| <b>Incident Summary:</b>            | KEV: 0.5 L Hyd Oil to Grnd- Cln                       |                            |                  |                                                                                                    |            |
| <b>Activity Preceding Spill:</b>    |                                                       |                            |                  |                                                                                                    |            |
| <b>Property 2nd Watershed:</b>      |                                                       |                            |                  |                                                                                                    |            |
| <b>Property Tertiary Watershed:</b> |                                                       |                            |                  |                                                                                                    |            |
| <b>Sector Type:</b>                 | Miscellaneous Industrial                              |                            |                  |                                                                                                    |            |
| <b>SAC Action Class:</b>            | Land Spills                                           |                            |                  |                                                                                                    |            |
| <b>Call Report Locatn Geodata:</b>  |                                                       |                            |                  |                                                                                                    |            |
| <hr/>                               |                                                       |                            |                  |                                                                                                    |            |
| <a href="#">34</a>                  | 1 of 5                                                | S/100.3                    | 66.2 / 1.91      | <b>Kiewit-Eurovia-Vinci, Ottawa Partnership<br/>Byron/New Orchard Street<br/>Ottawa ON K2B 6T6</b> | <b>GEN</b> |
| <b>Generator No:</b>                | ON7962034                                             |                            |                  |                                                                                                    |            |
| <b>SIC Code:</b>                    |                                                       |                            |                  |                                                                                                    |            |
| <b>SIC Description:</b>             |                                                       |                            |                  |                                                                                                    |            |
| <b>Approval Years:</b>              | As of Jul 2020                                        |                            |                  |                                                                                                    |            |
| <b>PO Box No:</b>                   |                                                       |                            |                  |                                                                                                    |            |
| <b>Country:</b>                     | Canada                                                |                            |                  |                                                                                                    |            |
| <b>Status:</b>                      | Registered                                            |                            |                  |                                                                                                    |            |
| <b>Co Admin:</b>                    |                                                       |                            |                  |                                                                                                    |            |
| <b>Choice of Contact:</b>           |                                                       |                            |                  |                                                                                                    |            |
| <b>Phone No Admin:</b>              |                                                       |                            |                  |                                                                                                    |            |
| <b>Contaminated Facility:</b>       |                                                       |                            |                  |                                                                                                    |            |
| <b>MHSW Facility:</b>               |                                                       |                            |                  |                                                                                                    |            |
| <b><u>Detail(s)</u></b>             |                                                       |                            |                  |                                                                                                    |            |
| <b>Waste Class:</b>                 | 146 L                                                 |                            |                  |                                                                                                    |            |
| <b>Waste Class Name:</b>            | Other specified inorganic sludges, slurries or solids |                            |                  |                                                                                                    |            |



| Map Key                | Number of Records | Direction/<br>Distance (m)                            | Elev/Diff<br>(m) | Site                                                                                      | DB  |
|------------------------|-------------------|-------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------|-----|
| <a href="#">34</a>     | 2 of 5            | S/100.3                                               | 66.2 / 1.91      | Kiewit-Eurovia-Vinci, Ottawa Partnership<br>Byron/New Orchard Street<br>Ottawa ON K2B 6T6 | GEN |
| Generator No:          |                   | ON7962034                                             |                  |                                                                                           |     |
| SIC Code:              |                   |                                                       |                  |                                                                                           |     |
| SIC Description:       |                   |                                                       |                  |                                                                                           |     |
| Approval Years:        |                   | As of Nov 2021                                        |                  |                                                                                           |     |
| PO Box No:             |                   |                                                       |                  |                                                                                           |     |
| Country:               |                   | Canada                                                |                  |                                                                                           |     |
| Status:                |                   | Registered                                            |                  |                                                                                           |     |
| Co Admin:              |                   |                                                       |                  |                                                                                           |     |
| Choice of Contact:     |                   |                                                       |                  |                                                                                           |     |
| Phone No Admin:        |                   |                                                       |                  |                                                                                           |     |
| Contaminated Facility: |                   |                                                       |                  |                                                                                           |     |
| MHSW Facility:         |                   |                                                       |                  |                                                                                           |     |
| <u>Detail(s)</u>       |                   |                                                       |                  |                                                                                           |     |
| Waste Class:           |                   | 221 L                                                 |                  |                                                                                           |     |
| Waste Class Name:      |                   | Light fuels                                           |                  |                                                                                           |     |
| Waste Class:           |                   | 146 L                                                 |                  |                                                                                           |     |
| Waste Class Name:      |                   | Other specified inorganic sludges, slurries or solids |                  |                                                                                           |     |
| <a href="#">34</a>     | 3 of 5            | S/100.3                                               | 66.2 / 1.91      | Kiewit-Eurovia-Vinci, Ottawa Partnership<br>Byron/New Orchard Street<br>Ottawa ON K2B 6T6 | GEN |
| Generator No:          |                   | ON7962034                                             |                  |                                                                                           |     |
| SIC Code:              |                   |                                                       |                  |                                                                                           |     |
| SIC Description:       |                   |                                                       |                  |                                                                                           |     |
| Approval Years:        |                   | As of Oct 2022                                        |                  |                                                                                           |     |
| PO Box No:             |                   |                                                       |                  |                                                                                           |     |
| Country:               |                   | Canada                                                |                  |                                                                                           |     |
| Status:                |                   | Registered                                            |                  |                                                                                           |     |
| Co Admin:              |                   |                                                       |                  |                                                                                           |     |
| Choice of Contact:     |                   |                                                       |                  |                                                                                           |     |
| Phone No Admin:        |                   |                                                       |                  |                                                                                           |     |
| Contaminated Facility: |                   |                                                       |                  |                                                                                           |     |
| MHSW Facility:         |                   |                                                       |                  |                                                                                           |     |
| <u>Detail(s)</u>       |                   |                                                       |                  |                                                                                           |     |
| Waste Class:           |                   | 221 L                                                 |                  |                                                                                           |     |
| Waste Class Name:      |                   | LIGHT FUELS                                           |                  |                                                                                           |     |
| Waste Class:           |                   | 146 L                                                 |                  |                                                                                           |     |
| Waste Class Name:      |                   | OTHER SPECIFIED INORGANICS                            |                  |                                                                                           |     |
| <a href="#">34</a>     | 4 of 5            | S/100.3                                               | 66.2 / 1.91      | Byron Avenue and New Orchard Avenue, Ottawa<br>OTTAWA ON                                  | SPL |
| Ref No:                |                   | 1-1BUH6Z                                              |                  | Municipality No:                                                                          |     |
| Year:                  |                   |                                                       |                  | Nature of Damage:                                                                         |     |
| Incident Dt:           |                   | 10/8/2021 3:20:00 PM                                  |                  | Discharger Report:                                                                        |     |
| Dt MOE Arvl on Scn:    |                   |                                                       |                  | Material Group:                                                                           |     |
| MOE Reported Dt:       |                   | 10/8/2021 3:33:44 PM                                  |                  | Impact to Health:                                                                         |     |
| Dt Document Closed:    |                   | 11/4/2021 2:44:01 PM                                  |                  | Agency Involved:                                                                          |     |
| Site No:               |                   |                                                       |                  | 0 No Impact                                                                               |     |
| MOE Response:          |                   | Desktop Response                                      |                  |                                                                                           |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> Byron Avenue and New Orchard Avenue, Ottawa<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b> 1 Minor Impact<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 1 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Spray Vessel/Equipment<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> HYDRAULIC OIL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> KEV: 1 L hydraulic oil spill, cleaned.<br><b>Activity Preceding Spill:</b> Normal operations<br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b> HIGHWAY, STREET AND BRIDGE CONSTRUCTION<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004307943","PR00004320938"],"wkts":["POINT (-75.7786750000 45.3731816000)","POINT (-75.7590161000 45.3889641000)"],"creation_date":"2021-10-08"} |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |         |             |                                                          |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|----------------------------------------------------------|-----|
| <a href="#">34</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5 of 5 | S/100.3 | 66.2 / 1.91 | New Orchard Avenue and Byron Avenue, Ottawa<br>OTTAWA ON | SPL |
| <b>Ref No:</b> 1-SE1KH<br><b>Year:</b><br><b>Incident Dt:</b> 7/8/2021 9:30:00 AM<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 7/8/2021 11:45:15 AM<br><b>Dt Document Closed:</b> 12/3/2021 1:58:14 PM<br><b>Site No:</b><br><b>MOE Response:</b> Desktop Response<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> New Orchard Avenue and Byron Avenue, Ottawa<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b> |        |         |             |                                                          |     |
| <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 0 No Impact<br><b>Agency Involved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |         |             |                                                          |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                 | DB  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|--------------------------------------------------------------------------------------|-----|
| <b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b> 1 Minor Impact<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 20 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Motor Vehicle<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> HYDRAULIC OIL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> Kiewit: 20L hydraulic oil to ground from excavator<br><b>Activity Preceding Spill:</b> Construction or repair<br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b> SITE PREPARATION CONTRACTORS<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004307943"],"wks":["POINT (-75.7786750000 45.3731816000)","creation_date":"2021-07-08"]} |                   |                            |                  |                                                                                      |     |
| <a href="#">35</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 of 1            | NE/108.2                   | 63.9 / -0.39     | KAYSUSH DEVELOPMENTS LTD.<br>LOT 1, 993 RICHMOND RD. (SWM)<br>OTTAWA CITY ON K2B 6R1 | CA  |
| <b>Certificate #:</b> 3-0601-97-<br><b>Application Year:</b> 97<br><b>Issue Date:</b> 7/2/1997<br><b>Approval Type:</b> Municipal sewage<br><b>Status:</b> Approved<br><b>Application Type:</b><br><b>Client Name:</b><br><b>Client Address:</b><br><b>Client City:</b><br><b>Client Postal Code:</b><br><b>Project Description:</b><br><b>Contaminants:</b><br><b>Emission Control:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                            |                  |                                                                                      |     |
| <a href="#">36</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 of 1            | S/110.4                    | 67.2 / 2.97      | 1208 Byron Avenue, Ottawa<br>ON                                                      | INC |
| <b>Incident No:</b> 522924<br><b>Incident ID:</b> 2679322<br><b>Instance No:</b><br><b>Status Code:</b> Causal Analysis Complete<br><b>Incident Status:</b><br><b>Incident Severity:</b><br><b>Task No:</b> 3209833<br><b>Attribute Category:</b> FS-Perform L1 Incident Insp<br><b>Context:</b><br><b>Date of Occurrence:</b> 2011/01/24 00:00:00<br><b>Time of Occurrence:</b> 12:00:00<br><b>Occr Insp Start Dt:</b> 2011/01/25 00:00:00<br><b>Incident Creat On:</b><br><b>Instance Creat Dt:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                            |                  |                                                                                      |     |
| <b>Any Health Impact:</b> No<br><b>Any Enviro Impact:</b> Yes<br><b>Service Intrap:</b> No<br><b>Was Prop Damaged:</b> Yes<br><b>Reside App. Type:</b><br><b>Commer App. Type:</b><br><b>Indus App. Type:</b><br><b>Institut App. Type:</b><br><b>Depth Ground Cover:</b><br><b>Operation Pressure:</b><br><b>Equipment Type:</b><br><b>Equipment Model:</b><br><b>Serial No:</b><br><b>Cylinder Capacity:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                            |                  |                                                                                      |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <div> <div> <b>Instance Install Dt:</b><br/> <b>Approx Quant Rel:</b> Unknown<br/> <b>Tank Capacity:</b><br/> <b>Fuels Occur Type:</b> Leak<br/> <b>Occur Type Rpt:</b><br/> <b>Occur Category:</b><br/> <b>Fuel Type Involved:</b> Fuel Oil<br/> <b>Fuel Type Reported:</b><br/> <b>Enforcement Policy:</b> NULL<br/> <b>Prc Escalation Req:</b> NULL<br/> <b>Item:</b><br/> <b>Item Description:</b><br/> <b>Device Installed Location:</b><br/> <b>Venting Type:</b><br/> <b>Vent Conn Mater:</b><br/> <b>Vent Chimney Mater:</b><br/> <b>Pipeline Type:</b><br/> <b>Pipeline Involved:</b><br/> <b>Pipe Material:</b><br/> <b>Regulator Location:</b><br/> <b>Regulator Type:</b><br/> <b>Liquid Prop Make:</b><br/> <b>Liquid Prop Model:</b><br/> <b>Liquid Prop Serial No:</b><br/> <b>Liquid Prop Notes:</b><br/> <b>Inventory Address:</b> 1208 Byron Avenue, Ottawa - Leak<br/> <b>Invent Postal Code:</b><br/> <b>Notes:</b><br/> <b>Contact Natural Env:</b> Yes<br/> <b>Aff Prop Use Water:</b> No<br/> <b>Occurence Narrative:</b> Leak from bottom of oil tank.<br/> <b>Operation Type Involved:</b> Private Dwelling </div> <div> <b>Cylinder Cap Units:</b><br/> <b>Cylinder Mat Type:</b><br/> <b>Pump Flow Rate Cap:</b><br/> <b>Contam. Migrated:</b> Unknown<br/> <b>Near Body of Water:</b> No<br/> <b>Drainage System:</b> Unknown<br/> <b>Sub Surface Contam:</b> Yes, unknown<br/> <b>Tank Material Type:</b><br/> <b>Tank Storage Type:</b><br/> <b>Tank Location Type:</b> </div> </div> |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |           |             |                                           |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------|-------------------------------------------|-----|
| <a href="#">37</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 of 1 | SSW/112.8 | 65.0 / 0.69 | Lat 45.3731 91 Lon 75.779214<br>OTTAWA ON | SPL |
| <div> <div> <b>Ref No:</b> 1-55OF2N<br/> <b>Year:</b><br/> <b>Incident Dt:</b> Mar 22,2024 01:26:49 PM<br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> Mar 22,2024 01:26:49 PM<br/> <b>Dt Document Closed:</b> Apr 10,2024 12:56:12 PM<br/> <b>Site No:</b><br/> <b>MOE Response:</b> Desktop Response<br/> <b>Site County/District:</b><br/> <b>Site Geo Ref Meth:</b><br/> <b>Site District Office:</b> Ottawa District Office<br/> <b>Nearest Watercourse:</b><br/> <b>Site Name:</b><br/> <b>Site Address:</b> Lat 45.3731 91 Lon 75.779214<br/> <b>Site Region:</b><br/> <b>Site Municipality:</b> OTTAWA<br/> <b>Site Lot:</b><br/> <b>Site Conc:</b><br/> <b>Site Geo Ref Accu:</b><br/> <b>Site Map Datum:</b><br/> <b>Northing:</b><br/> <b>Easting:</b><br/> <b>Incident Cause:</b><br/> <b>Incident Preceding Spill:</b> Leak/Break<br/> <b>Environment Impact:</b><br/> <b>Health Env Consequence:</b> Low<br/> <b>Nature of Impact:</b><br/> <b>Contaminant Qty:</b> 90 litre (L) </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b><br/> <b>Agency Involved:</b> </div> </div> |        |           |             |                                           |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Container/Drum/Tote<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> CONCRETE ADMIXTURE (DE-WATERING)<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> Kiewit Eurovia Vinci: 90L of concrete wash water to pavement. Contained. Clean up underway.<br><b>Activity Preceding Spill:</b> Construction or repair<br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b> OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7792139202 45.3730987312)"],"creation_date":"2024-03-22"} |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |           |             |                                  |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------|----------------------------------|-----|
| <a href="#">38</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 of 1 | ENE/120.6 | 65.6 / 1.29 | 45.37576, -75.77666<br>OTTAWA ON | SPL |
| <b>Ref No:</b> 1-4H9V5T<br><b>Year:</b><br><b>Incident Dt:</b> 12/7/2023 11:31:49 AM<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 12/7/2023 7:31:49 PM<br><b>Dt Document Closed:</b> 12/8/2023 3:29:23 PM<br><b>Site No:</b><br><b>MOE Response:</b> Desktop Response<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> 45.37576, -75.77666<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Unknown / N/A<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 1 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> Motor Vehicle<br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> HYDRAULIC OIL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> KEV: 1L of hydraulic oil to grnd. Clnd.<br><b>Activity Preceding Spill:</b> Normal operations |        |           |             |                                  |     |



| Map Key                      | Number of Records | Direction/<br>Distance (m)                                                                                                | Elev/Diff<br>(m) | Site | DB |
|------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------|------------------|------|----|
| Property 2nd Watershed:      |                   | Central Ottawa                                                                                                            |                  |      |    |
| Property Tertiary Watershed: |                   | 02KF-Central Ottawa - Mississippi                                                                                         |                  |      |    |
| Sector Type:                 |                   | OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION                                                                            |                  |      |    |
| SAC Action Class:            |                   |                                                                                                                           |                  |      |    |
| Call Report Locatn Geodata:  |                   | { "integration_ids": ["PR00004309850"], "wks": ["POINT (-75.7766600000 45.3757600000)", "creation_date": "2023-12-07" ] } |                  |      |    |

|                    |        |         |             |    |      |
|--------------------|--------|---------|-------------|----|------|
| <a href="#">39</a> | 1 of 1 | S/122.3 | 66.9 / 2.64 | ON | WWIS |
|--------------------|--------|---------|-------------|----|------|

|                            |                                                                                               |                           |                 |
|----------------------------|-----------------------------------------------------------------------------------------------|---------------------------|-----------------|
| <b>Well ID:</b>            | 1507961                                                                                       | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |                                                                                               | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            | Domestic                                                                                      | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>            | 0                                                                                             | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>  | Water Supply                                                                                  | <b>Date Received:</b>     | 01/31/1951      |
| <b>Water Type:</b>         |                                                                                               | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |                                                                                               | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           |                                                                                               | <b>Contractor:</b>        | 3566            |
| <b>Tag:</b>                |                                                                                               | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>  |                                                                                               | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |                                                                                               | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                                                                                               | <b>Lot:</b>               |                 |
| <b>Depth to Bedrock:</b>   |                                                                                               | <b>Concession:</b>        |                 |
| <b>Well Depth:</b>         |                                                                                               | <b>Concession Name:</b>   |                 |
| <b>Overburden/Bedrock:</b> |                                                                                               | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>          |                                                                                               | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b> |                                                                                               | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>       |                                                                                               | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>       | OTTAWA CITY                                                                                   |                           |                 |
| <b>Site Info:</b>          |                                                                                               |                           |                 |
| <b>PDF URL (Map):</b>      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507961.pdf |                           |                 |

#### Additional Detail(s) (Map)

|                             |                    |
|-----------------------------|--------------------|
| <b>Well Completed Date:</b> | 12/07/1950         |
| <b>Year Completed:</b>      | 1950               |
| <b>Depth (m):</b>           | 19.812             |
| <b>Latitude:</b>            | 45.372998348235    |
| <b>Longitude:</b>           | -75.7786420076551  |
| <b>X:</b>                   | -75.77864184666585 |
| <b>Y:</b>                   | 45.37299834141857  |
| <b>Path:</b>                | 150\1507961.pdf    |

#### Bore Hole Information

|                                     |                                                                 |                         |                                |
|-------------------------------------|-----------------------------------------------------------------|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 10029996                                                        | <b>Elevation:</b>       |                                |
| <b>DP2BR:</b>                       |                                                                 | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |                                                                 | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |                                                                 | <b>East83:</b>          | 439030.60                      |
| <b>Code OB Desc:</b>                |                                                                 | <b>North83:</b>         | 5024682.00                     |
| <b>Open Hole:</b>                   |                                                                 | <b>Org CS:</b>          |                                |
| <b>Cluster Kind:</b>                |                                                                 | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 12/07/1950                                                      | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |                                                                 | <b>Location Method:</b> | p4                             |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m |                         |                                |
| <b>Elevrc Desc:</b>                 |                                                                 |                         |                                |
| <b>Location Source Date:</b>        |                                                                 |                         |                                |
| <b>Improvement Location Source:</b> |                                                                 |                         |                                |
| <b>Improvement Location Method:</b> |                                                                 |                         |                                |
| <b>Source Revision Comment:</b>     |                                                                 |                         |                                |
| <b>Supplier Comment:</b>            |                                                                 |                         |                                |



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock</u></b>            |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>                |                      |                            |                  |      |    |
| Formation ID:                                   |                      | 931008480                  |                  |      |    |
| Layer:                                          |                      | 3                          |                  |      |    |
| Color:                                          |                      |                            |                  |      |    |
| General Color:                                  |                      |                            |                  |      |    |
| Material 1:                                     |                      | 15                         |                  |      |    |
| Material 1 Desc:                                |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                     |                      |                            |                  |      |    |
| Material 2 Desc:                                |                      |                            |                  |      |    |
| Material 3:                                     |                      |                            |                  |      |    |
| Material 3 Desc:                                |                      |                            |                  |      |    |
| Formation Top Depth:                            |                      | 4.0                        |                  |      |    |
| Formation End Depth:                            |                      | 65.0                       |                  |      |    |
| Formation End Depth UOM:                        |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock</u></b>            |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>                |                      |                            |                  |      |    |
| Formation ID:                                   |                      | 931008478                  |                  |      |    |
| Layer:                                          |                      | 1                          |                  |      |    |
| Color:                                          |                      |                            |                  |      |    |
| General Color:                                  |                      |                            |                  |      |    |
| Material 1:                                     |                      | 02                         |                  |      |    |
| Material 1 Desc:                                |                      | TOPSOIL                    |                  |      |    |
| Material 2:                                     |                      | 09                         |                  |      |    |
| Material 2 Desc:                                |                      | MEDIUM SAND                |                  |      |    |
| Material 3:                                     |                      |                            |                  |      |    |
| Material 3 Desc:                                |                      |                            |                  |      |    |
| Formation Top Depth:                            |                      | 0.0                        |                  |      |    |
| Formation End Depth:                            |                      | 2.0                        |                  |      |    |
| Formation End Depth UOM:                        |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock</u></b>            |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>                |                      |                            |                  |      |    |
| Formation ID:                                   |                      | 931008479                  |                  |      |    |
| Layer:                                          |                      | 2                          |                  |      |    |
| Color:                                          |                      |                            |                  |      |    |
| General Color:                                  |                      |                            |                  |      |    |
| Material 1:                                     |                      | 17                         |                  |      |    |
| Material 1 Desc:                                |                      | SHALE                      |                  |      |    |
| Material 2:                                     |                      |                            |                  |      |    |
| Material 2 Desc:                                |                      |                            |                  |      |    |
| Material 3:                                     |                      |                            |                  |      |    |
| Material 3 Desc:                                |                      |                            |                  |      |    |
| Formation Top Depth:                            |                      | 2.0                        |                  |      |    |
| Formation End Depth:                            |                      | 4.0                        |                  |      |    |
| Formation End Depth UOM:                        |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well</u></b> |                      |                            |                  |      |    |
| <b><u>Use</u></b>                               |                      |                            |                  |      |    |
| Method Construction ID:                         |                      | 961507961                  |                  |      |    |
| Method Construction Code:                       |                      | 1                          |                  |      |    |
| Method Construction:                            |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                      |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                  |                      |                            |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                  | DB  |
|---------------------------------------------|----------------------|----------------------------|------------------|-----------------------------------------------------------------------|-----|
| Pipe ID:                                    |                      | 10578566                   |                  |                                                                       |     |
| Casing No:                                  |                      | 1                          |                  |                                                                       |     |
| Comment:                                    |                      |                            |                  |                                                                       |     |
| Alt Name:                                   |                      |                            |                  |                                                                       |     |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                                                                       |     |
| Casing ID:                                  |                      | 930052646                  |                  |                                                                       |     |
| Layer:                                      |                      | 1                          |                  |                                                                       |     |
| Material:                                   |                      | 1                          |                  |                                                                       |     |
| Open Hole or Material:                      |                      | STEEL                      |                  |                                                                       |     |
| Depth From:                                 |                      |                            |                  |                                                                       |     |
| Depth To:                                   |                      | 14.0                       |                  |                                                                       |     |
| Casing Diameter:                            |                      | 5.0                        |                  |                                                                       |     |
| Casing Diameter UOM:                        |                      | inch                       |                  |                                                                       |     |
| Casing Depth UOM:                           |                      | ft                         |                  |                                                                       |     |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                                                                       |     |
| Casing ID:                                  |                      | 930052647                  |                  |                                                                       |     |
| Layer:                                      |                      | 2                          |                  |                                                                       |     |
| Material:                                   |                      | 4                          |                  |                                                                       |     |
| Open Hole or Material:                      |                      | OPEN HOLE                  |                  |                                                                       |     |
| Depth From:                                 |                      |                            |                  |                                                                       |     |
| Depth To:                                   |                      | 65.0                       |                  |                                                                       |     |
| Casing Diameter:                            |                      | 5.0                        |                  |                                                                       |     |
| Casing Diameter UOM:                        |                      | inch                       |                  |                                                                       |     |
| Casing Depth UOM:                           |                      | ft                         |                  |                                                                       |     |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |                                                                       |     |
| Pumping Test Method Desc:                   |                      | PUMP                       |                  |                                                                       |     |
| Pump Test ID:                               |                      | 991507961                  |                  |                                                                       |     |
| Pump Set At:                                |                      |                            |                  |                                                                       |     |
| Static Level:                               |                      | 12.0                       |                  |                                                                       |     |
| Final Level After Pumping:                  |                      | 18.0                       |                  |                                                                       |     |
| Recommended Pump Depth:                     |                      |                            |                  |                                                                       |     |
| Pumping Rate:                               |                      | 5.0                        |                  |                                                                       |     |
| Flowing Rate:                               |                      |                            |                  |                                                                       |     |
| Recommended Pump Rate:                      |                      |                            |                  |                                                                       |     |
| Levels UOM:                                 |                      | ft                         |                  |                                                                       |     |
| Rate UOM:                                   |                      | GPM                        |                  |                                                                       |     |
| Water State After Test Code:                |                      | 1                          |                  |                                                                       |     |
| Water State After Test:                     |                      | CLEAR                      |                  |                                                                       |     |
| Pumping Test Method:                        |                      | 1                          |                  |                                                                       |     |
| Pumping Duration HR:                        |                      | 0                          |                  |                                                                       |     |
| Pumping Duration MIN:                       |                      | 30                         |                  |                                                                       |     |
| Flowing:                                    |                      | No                         |                  |                                                                       |     |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                                                                       |     |
| Water ID:                                   |                      | 933462274                  |                  |                                                                       |     |
| Layer:                                      |                      | 1                          |                  |                                                                       |     |
| Kind Code:                                  |                      | 1                          |                  |                                                                       |     |
| Kind:                                       |                      | FRESH                      |                  |                                                                       |     |
| Water Found Depth:                          |                      | 42.0                       |                  |                                                                       |     |
| Water Found Depth UOM:                      |                      | ft                         |                  |                                                                       |     |
| <a href="#">40</a>                          | 1 of 4               | SW/130.9                   | 64.2 / -0.09     | 715137 Ontario Ltd.<br>1075 Richmond Road Ottawa Ontario Ottawa<br>ON | EBR |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                                                                                                | DB   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>EBR Registry No:</b> IA02E1181<br><b>Ministry Ref No:</b> 5062-5ECKH6<br><b>Notice Type:</b> Instrument Decision<br><b>Notice Stage:</b><br><b>Notice Date:</b> April 04, 2003<br><b>Proposal Date:</b> September 30, 2002<br><b>Year:</b> 2002<br><b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)<br><b>Off Instrument Name:</b><br><b>Posted By:</b><br><b>Company Name:</b> 715137 Ontario Ltd.<br><b>Site Address:</b><br><b>Location Other:</b><br><b>Proponent Name:</b><br><b>Proponent Address:</b> 1075 Richmond Road, Ottawa Ontario, K2B 6R2<br><b>Comment Period:</b><br><b>URL:</b><br><br><b>Site Location Details:</b><br>1075 Richmond Road Ottawa Ontario Ottawa |                   |                            |                  |                                                                                                                                                                     |      |
| <a href="#">40</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 of 4            | SW/130.9                   | 64.2 / -0.09     | 715137 Ontario Ltd.<br>1075 Richmond Road<br>Ottawa ON K2B 6R2                                                                                                      | CA   |
| <b>Certificate #:</b> 6610-5JCM83<br><b>Application Year:</b> 2003<br><b>Issue Date:</b> 4/2/2003<br><b>Approval Type:</b> Air<br><b>Status:</b> Approved<br><b>Application Type:</b><br><b>Client Name:</b><br><b>Client Address:</b><br><b>Client City:</b><br><b>Client Postal Code:</b><br><b>Project Description:</b><br><b>Contaminants:</b><br><b>Emission Control:</b>                                                                                                                                                                                                                                                                                                                                                                            |                   |                            |                  |                                                                                                                                                                     |      |
| <a href="#">40</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 of 4            | SW/130.9                   | 64.2 / -0.09     | 1866688 Ontario Ltd<br>1075 RICHMOND RD<br>OTTAWA ON K2B 6R2                                                                                                        | EASR |
| <b>Approval No:</b> R-001-9236910112<br><b>Status:</b> REGISTERED<br><b>Date:</b> 2012-10-25<br><b>Record Type:</b> EASR<br><b>Link Source:</b> MOFA<br><b>Project Type:</b> Automotive Refinishing Facility<br><b>Full Address:</b><br><b>Approval Type:</b> EASR-Automotive Refinishing Facility<br><b>SWP Area Name:</b> Rideau Valley<br><b>PDF NAICS Code:</b><br><b>PDF URL:</b><br><b>PDF Site Location:</b>                                                                                                                                                                                                                                                                                                                                       |                   |                            |                  |                                                                                                                                                                     |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                            |                  | <b>MOE District:</b> Ottawa<br><b>Municipality:</b> OTTAWA<br><b>Latitude:</b> 45.373066<br><b>Longitude:</b> -75.77972<br><b>Geometry X:</b><br><b>Geometry Y:</b> | ECA  |
| <a href="#">40</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4 of 4            | SW/130.9                   | 64.2 / -0.09     | 715137 Ontario Ltd.<br>1075 Richmond Road                                                                                                                           |      |



| Map Key                      | Number of Records                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                     | DB            |
|------------------------------|----------------------------------------------------------------------------|----------------------------|------------------|------------------------------------------|---------------|
| Ottawa ON                    |                                                                            |                            |                  |                                          |               |
| Approval No:                 | 6610-5JCM83                                                                |                            |                  | MOE District:                            | Ottawa        |
| Approval Date:               | 2003-04-02                                                                 |                            |                  | City:                                    |               |
| Status:                      | Approved                                                                   |                            |                  | Longitude:                               | -75.77972     |
| Record Type:                 | ECA                                                                        |                            |                  | Latitude:                                | 45.373066     |
| Link Source:                 | IDS                                                                        |                            |                  | Geometry X:                              |               |
| SWP Area Name:               | Rideau Valley                                                              |                            |                  | Geometry Y:                              |               |
| Approval Type:               | ECA-AIR                                                                    |                            |                  |                                          |               |
| Project Type:                | AIR                                                                        |                            |                  |                                          |               |
| Business Name:               | 715137 Ontario Ltd.                                                        |                            |                  |                                          |               |
| Address:                     | 1075 Richmond Road                                                         |                            |                  |                                          |               |
| Full Address:                |                                                                            |                            |                  |                                          |               |
| Full PDF Link:               | https://www.accessenvironment.ene.gov.on.ca/instruments/5062-5ECKH6-14.pdf |                            |                  |                                          |               |
| PDF Site Location:           |                                                                            |                            |                  |                                          |               |
| <a href="#">41</a>           | 1 of 1                                                                     | ENE/135.4                  | 67.9 / 3.67      | 178 Ancaster Avenue<br>Ottawa ON K2B 5B3 | SPL           |
| Ref No:                      | 2321-BCKNSM                                                                |                            |                  | Municipality No:                         |               |
| Year:                        |                                                                            |                            |                  | Nature of Damage:                        |               |
| Incident Dt:                 | 5/26/2019                                                                  |                            |                  | Discharger Report:                       |               |
| Dt MOE Arvl on Scn:          | 6/20/2019                                                                  |                            |                  | Material Group:                          |               |
| MOE Reported Dt:             | 5/27/2019                                                                  |                            |                  | Impact to Health:                        | 0 - No Impact |
| Dt Document Closed:          |                                                                            |                            |                  | Agency Involved:                         |               |
| Site No:                     | NA                                                                         |                            |                  |                                          |               |
| MOE Response:                | Yes                                                                        |                            |                  |                                          |               |
| Site County/District:        |                                                                            |                            |                  |                                          |               |
| Site Geo Ref Meth:           |                                                                            |                            |                  |                                          |               |
| Site District Office:        | Ottawa                                                                     |                            |                  |                                          |               |
| Nearest Watercourse:         |                                                                            |                            |                  |                                          |               |
| Site Name:                   | Neighbouring Property<UNOFFICIAL>                                          |                            |                  |                                          |               |
| Site Address:                | 178 Ancaster Avenue                                                        |                            |                  |                                          |               |
| Site Region:                 | Eastern                                                                    |                            |                  |                                          |               |
| Site Municipality:           | Ottawa                                                                     |                            |                  |                                          |               |
| Site Lot:                    |                                                                            |                            |                  |                                          |               |
| Site Conc:                   |                                                                            |                            |                  |                                          |               |
| Site Geo Ref Accu:           |                                                                            |                            |                  |                                          |               |
| Site Map Datum:              |                                                                            |                            |                  |                                          |               |
| Northing:                    |                                                                            |                            |                  |                                          |               |
| Easting:                     |                                                                            |                            |                  |                                          |               |
| Incident Cause:              |                                                                            |                            |                  |                                          |               |
| Incident Preceding Spill:    |                                                                            |                            |                  |                                          |               |
| Environment Impact:          |                                                                            |                            |                  |                                          |               |
| Health Env Consequence:      |                                                                            |                            |                  |                                          |               |
| Nature of Impact:            |                                                                            |                            |                  |                                          |               |
| Contaminant Qty:             |                                                                            |                            |                  |                                          |               |
| System Facility Address:     |                                                                            |                            |                  |                                          |               |
| Client Name:                 |                                                                            |                            |                  |                                          |               |
| Client Type:                 |                                                                            |                            |                  |                                          |               |
| Source Type:                 |                                                                            |                            |                  |                                          |               |
| Contaminant Code:            |                                                                            |                            |                  |                                          |               |
| Contaminant Name:            |                                                                            |                            |                  |                                          |               |
| Contaminant Limit 1:         |                                                                            |                            |                  |                                          |               |
| Contam Limit Freq 1:         |                                                                            |                            |                  |                                          |               |
| Contaminant UN No 1:         |                                                                            |                            |                  |                                          |               |
| Receiving Medium:            |                                                                            |                            |                  |                                          |               |
| Incident Reason:             |                                                                            |                            |                  |                                          |               |
| Incident Summary:            | Pesticide Complaint: Round Up application                                  |                            |                  |                                          |               |
| Activity Preceding Spill:    |                                                                            |                            |                  |                                          |               |
| Property 2nd Watershed:      |                                                                            |                            |                  |                                          |               |
| Property Tertiary Watershed: |                                                                            |                            |                  |                                          |               |
| Sector Type:                 |                                                                            |                            |                  |                                          |               |



| Map Key                                            | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)     | Site                                                         | DB        |
|----------------------------------------------------|----------------------|----------------------------|----------------------|--------------------------------------------------------------|-----------|
| SAC Action Class:<br>Call Report Locatn Geodata:   |                      |                            |                      |                                                              |           |
| <a href="#">42</a>                                 | 1 of 10              | NE/136.7                   | 62.8 / -1.48         | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON K2B6R1  | PRT       |
| Location ID:                                       |                      | 11061                      |                      |                                                              |           |
| Type:                                              |                      | retail                     |                      |                                                              |           |
| Expiry Date:                                       |                      | 1995-12-31                 |                      |                                                              |           |
| Capacity (L):                                      |                      | 67500                      |                      |                                                              |           |
| Licence #:                                         |                      | 0023815001                 |                      |                                                              |           |
| <a href="#">42</a>                                 | 2 of 10              | NE/136.7                   | 62.8 / -1.48         | TOPS CAR WASH LTD<br>979 RICHMOND RD<br>OTTAWA ON K2B 6R1    | GEN       |
| Generator No:                                      |                      | ON8940840                  |                      |                                                              |           |
| SIC Code:                                          |                      |                            |                      |                                                              |           |
| SIC Description:                                   |                      |                            |                      |                                                              |           |
| Approval Years:                                    |                      | 02,03,04                   |                      |                                                              |           |
| PO Box No:                                         |                      |                            |                      |                                                              |           |
| Country:                                           |                      |                            |                      |                                                              |           |
| Status:                                            |                      |                            |                      |                                                              |           |
| Co Admin:                                          |                      |                            |                      |                                                              |           |
| Choice of Contact:                                 |                      |                            |                      |                                                              |           |
| Phone No Admin:                                    |                      |                            |                      |                                                              |           |
| Contaminated Facility:                             |                      |                            |                      |                                                              |           |
| MHSW Facility:                                     |                      |                            |                      |                                                              |           |
| <u>Detail(s)</u>                                   |                      |                            |                      |                                                              |           |
| Waste Class:                                       |                      | 221                        |                      |                                                              |           |
| Waste Class Name:                                  |                      | LIGHT FUELS                |                      |                                                              |           |
| <a href="#">42</a>                                 | 3 of 10              | NE/136.7                   | 62.8 / -1.48         | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON K2B 6R1 | DTNK      |
| <u>Delisted Expired Fuel Safety<br/>Facilities</u> |                      |                            |                      |                                                              |           |
| Instance No:                                       |                      | 9565456                    | Expired Date:        |                                                              | 12/4/2001 |
| Status:                                            |                      | EXPIRED                    | Max Hazard Rank:     |                                                              |           |
| Instance ID:                                       |                      |                            | Facility Location:   |                                                              |           |
| Instance Type:                                     |                      | FS Facility                | Facility Type:       |                                                              |           |
| Instance Creation Dt:                              |                      |                            | Fuel Type 2:         |                                                              |           |
| Instance Install Dt:                               |                      |                            | Fuel Type 3:         |                                                              |           |
| Item Description:                                  |                      |                            | Panam Related:       |                                                              |           |
| Manufacturer:                                      |                      |                            | Panam Venue Nm:      |                                                              |           |
| Model:                                             |                      |                            | External Identifier: |                                                              |           |
| Serial No:                                         |                      |                            | Item:                |                                                              |           |
| ULC Standard:                                      |                      |                            | Piping Steel:        |                                                              |           |
| Quantity:                                          |                      |                            | Piping Galvanized:   |                                                              |           |
| Unit of Measure:                                   |                      |                            | Tank Single Wall St: |                                                              |           |
| Overfill Prot Type:                                |                      |                            | Piping Underground:  |                                                              |           |
| Creation Date:                                     |                      |                            | Tank Underground:    |                                                              |           |
| Next Periodic Str DT:                              |                      |                            | Source:              |                                                              |           |
| TSSA Base Sched Cycle 2:                           |                      |                            |                      |                                                              |           |



| <i>Map Key</i>                      | <i>Number of<br/>Records</i> | <i>Direction/<br/>Distance (m)</i> | <i>Elev/Diff<br/>(m)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>TSSA Max Hazard Rank 1:</i>      |                              |                                    |                          |             |           |
| <i>TSSA Risk Based Periodic Yn:</i> |                              |                                    |                          |             |           |
| <i>TSSA Volume of Directives:</i>   |                              |                                    |                          |             |           |
| <i>TSSA Periodic Exempt:</i>        |                              |                                    |                          |             |           |
| <i>TSSA Statutory Interval:</i>     |                              |                                    |                          |             |           |
| <i>TSSA Recd Insp Interva:</i>      |                              |                                    |                          |             |           |
| <i>TSSA Recd Tolerance:</i>         |                              |                                    |                          |             |           |
| <i>TSSA Program Area:</i>           |                              |                                    |                          |             |           |
| <i>TSSA Program Area 2:</i>         |                              |                                    |                          |             |           |
| <i>Description:</i>                 |                              |                                    |                          |             |           |
| <i>Original Source:</i>             |                              | EXP                                |                          |             |           |
| <i>Record Date:</i>                 |                              | Up to May 2013                     |                          |             |           |

### **Delisted Expired Fuel Safety Facilities**

|                    |         |          |              |                                                      |      |
|--------------------|---------|----------|--------------|------------------------------------------------------|------|
| <a href="#">42</a> | 5 of 10 | NE/136.7 | 62.8 / -1.48 | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON | DTNK |
|--------------------|---------|----------|--------------|------------------------------------------------------|------|

**Instance No:** 10906040  
**Status:** EXPIRED  
**Instance ID:** 51466  
**Instance Type:** FS Piping



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                                   | Elev/Diff<br>(m) | Site | DB |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|----|
| <b>Instance Creation Dt:</b><br><b>Instance Install Dt:</b><br><b>Item Description:</b><br><b>Manufacturer:</b><br><b>Model:</b><br><b>Serial No:</b><br><b>ULC Standard:</b><br><b>Quantity:</b><br><b>Unit of Measure:</b><br><b>Overfill Prot Type:</b><br><b>Creation Date:</b><br><b>Next Periodic Str DT:</b><br><b>TSSA Base Sched Cycle 2:</b><br><b>TSSAMax Hazard Rank 1:</b><br><b>TSSA Risk Based Periodic Yn:</b><br><b>TSSA Volume of Directives:</b><br><b>TSSA Periodic Exempt:</b><br><b>TSSA Statutory Interval:</b><br><b>TSSA Recd Insp Interva:</b><br><b>TSSA Recd Tolerance:</b><br><b>TSSA Program Area:</b><br><b>TSSA Program Area 2:</b><br><b>Description:</b><br><b>Original Source:</b><br><b>Record Date:</b> |                   | <b>Fuel Type 2:</b><br><b>Fuel Type 3:</b><br><b>Panam Related:</b><br><b>Panam Venue Nm:</b><br><b>External Identifier:</b><br><b>Item:</b><br><b>Piping Steel:</b><br><b>Piping Galvanized:</b><br><b>Tank Single Wall St:</b><br><b>Piping Underground:</b><br><b>Tank Underground:</b><br><b>Source:</b> |                  |      |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   | FS Piping<br>EXP<br>Up to Mar 2012                                                                                                                                                                                                                                                                           |                  |      |    |

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6 of 10

NE/136.7

62.8 / -1.48

 TOPS CAR WASH CO LTD  
 979 RICHMOND RD  
 OTTAWA ON

DTNK

#### Delisted Expired Fuel Safety Facilities

|                                     |                |                             |  |
|-------------------------------------|----------------|-----------------------------|--|
| <b>Instance No:</b>                 | 10906057       | <b>Expired Date:</b>        |  |
| <b>Status:</b>                      | EXPIRED        | <b>Max Hazard Rank:</b>     |  |
| <b>Instance ID:</b>                 | 52622          | <b>Facility Location:</b>   |  |
| <b>Instance Type:</b>               | FS Piping      | <b>Facility Type:</b>       |  |
| <b>Instance Creation Dt:</b>        |                | <b>Fuel Type 2:</b>         |  |
| <b>Instance Install Dt:</b>         |                | <b>Fuel Type 3:</b>         |  |
| <b>Item Description:</b>            |                | <b>Panam Related:</b>       |  |
| <b>Manufacturer:</b>                |                | <b>Panam Venue Nm:</b>      |  |
| <b>Model:</b>                       |                | <b>External Identifier:</b> |  |
| <b>Serial No:</b>                   |                | <b>Item:</b>                |  |
| <b>ULC Standard:</b>                |                | <b>Piping Steel:</b>        |  |
| <b>Quantity:</b>                    |                | <b>Piping Galvanized:</b>   |  |
| <b>Unit of Measure:</b>             |                | <b>Tank Single Wall St:</b> |  |
| <b>Overfill Prot Type:</b>          |                | <b>Piping Underground:</b>  |  |
| <b>Creation Date:</b>               |                | <b>Tank Underground:</b>    |  |
| <b>Next Periodic Str DT:</b>        |                | <b>Source:</b>              |  |
| <b>TSSA Base Sched Cycle 2:</b>     |                |                             |  |
| <b>TSSAMax Hazard Rank 1:</b>       |                |                             |  |
| <b>TSSA Risk Based Periodic Yn:</b> |                |                             |  |
| <b>TSSA Volume of Directives:</b>   |                |                             |  |
| <b>TSSA Periodic Exempt:</b>        |                |                             |  |
| <b>TSSA Statutory Interval:</b>     |                |                             |  |
| <b>TSSA Recd Insp Interva:</b>      |                |                             |  |
| <b>TSSA Recd Tolerance:</b>         |                |                             |  |
| <b>TSSA Program Area:</b>           |                |                             |  |
| <b>TSSA Program Area 2:</b>         |                |                             |  |
| <b>Description:</b>                 | FS Piping      |                             |  |
| <b>Original Source:</b>             | EXP            |                             |  |
| <b>Record Date:</b>                 | Up to Mar 2012 |                             |  |



| Map Key                                                                                                                                                                                                                                                                   | Number of Records | Direction/<br>Distance (m)                                                                                                                                              | Elev/Diff<br>(m) | Site                                                                                                                                                                                                     | DB  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <a href="#">42</a>                                                                                                                                                                                                                                                        | 7 of 10           | NE/136.7                                                                                                                                                                | 62.8 / -1.48     | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON                                                                                                                                                     | EXP |
| <b>Inventory No:</b> 10906064<br><b>Inventory Status:</b> EXPIRED<br><b>Installation Year:</b> 1988<br><b>Capacity:</b> 22700<br><b>Capacity Unit:</b><br><b>Tank Type:</b><br><b>Manufacturer:</b><br><b>Model:</b><br><b>Description:</b><br><b>Previous Fuel Type:</b> |                   | UNDERGROUND TANK<br>Gasoline                                                                                                                                            |                  | <b>Tank Material:</b> Steel<br><b>Corrosion Protect:</b> Sacrificial anode<br><b>Overfill Protection:</b><br><b>Inventory Context:</b> FS Liquid Fuel Tank<br><b>Inventory Item:</b> FS LIQUID FUEL TANK |     |
| <a href="#">42</a>                                                                                                                                                                                                                                                        | 8 of 10           | NE/136.7                                                                                                                                                                | 62.8 / -1.48     | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON                                                                                                                                                     | EXP |
| <b>Inventory No:</b> 10906031<br><b>Inventory Status:</b> EXPIRED<br><b>Installation Year:</b> 1988<br><b>Capacity:</b> 22700<br><b>Capacity Unit:</b><br><b>Tank Type:</b><br><b>Manufacturer:</b><br><b>Model:</b><br><b>Description:</b><br><b>Previous Fuel Type:</b> |                   | UNDERGROUND TANK<br>Gasoline                                                                                                                                            |                  | <b>Tank Material:</b> Steel<br><b>Corrosion Protect:</b> Sacrificial anode<br><b>Overfill Protection:</b><br><b>Inventory Context:</b> FS Liquid Fuel Tank<br><b>Inventory Item:</b> FS LIQUID FUEL TANK |     |
| <a href="#">42</a>                                                                                                                                                                                                                                                        | 9 of 10           | NE/136.7                                                                                                                                                                | 62.8 / -1.48     | TOPS CAR WASH CO LTD<br>979 RICHMOND RD<br>OTTAWA ON                                                                                                                                                     | EXP |
| <b>Inventory No:</b> 10906049<br><b>Inventory Status:</b> EXPIRED<br><b>Installation Year:</b> 1988<br><b>Capacity:</b> 22700<br><b>Capacity Unit:</b><br><b>Tank Type:</b><br><b>Manufacturer:</b><br><b>Model:</b><br><b>Description:</b><br><b>Previous Fuel Type:</b> |                   | UNDERGROUND TANK<br>Gasoline                                                                                                                                            |                  | <b>Tank Material:</b> Steel<br><b>Corrosion Protect:</b> Sacrificial anode<br><b>Overfill Protection:</b><br><b>Inventory Context:</b> FS Liquid Fuel Tank<br><b>Inventory Item:</b> FS LIQUID FUEL TANK |     |
| <a href="#">42</a>                                                                                                                                                                                                                                                        | 10 of 10          | NE/136.7                                                                                                                                                                | 62.8 / -1.48     | 979 Richmond Rd<br>Ottawa ON K2B 6R1                                                                                                                                                                     | EHS |
| <b>Order No:</b> 21080400046<br><b>Status:</b> C<br><b>Report Type:</b> Standard Report<br><b>Report Date:</b> 09-AUG-21<br><b>Date Received:</b> 04-AUG-21<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b> 0.27 Ha<br><b>Additional Info Ordered:</b>         |                   | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.7770914<br><b>Y:</b> 45.3762008 |                  |                                                                                                                                                                                                          |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|------|
| <a href="#">43</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 of 1            | NW/138.1                   | 57.8 / -6.48     | ON   | BORE |
| <div> <div> <b>Borehole ID:</b> 611028<br/> <b>OGF ID:</b> 215512537<br/> <b>Status:</b><br/> <b>Type:</b> Borehole<br/> <b>Use:</b><br/> <b>Completion Date:</b> DEC-1964<br/> <b>Static Water Level:</b><br/> <b>Primary Water Use:</b><br/> <b>Sec. Water Use:</b><br/> <b>Total Depth m:</b> -999<br/> <b>Depth Ref:</b> Ground Surface<br/> <b>Depth Elev:</b><br/> <b>Drill Method:</b><br/> <b>Orig Ground Elev m:</b> 57.9<br/> <b>Elev Reliabil Note:</b><br/> <b>DEM Ground Elev m:</b> 60.3<br/> <b>Concession:</b><br/> <b>Location D:</b><br/> <b>Survey D:</b><br/> <b>Comments:</b> </div> <div> <b>Inclin FLG:</b> No<br/> <b>SP Status:</b> Initial Entry<br/> <b>Surv Elev:</b> No<br/> <b>Piezometer:</b> No<br/> <b>Primary Name:</b><br/> <b>Municipality:</b><br/> <b>Lot:</b><br/> <b>Township:</b><br/> <b>Latitude DD:</b> 45.376052<br/> <b>Longitude DD:</b> -75.779961<br/> <b>UTM Zone:</b> 18<br/> <b>Easting:</b> 438931<br/> <b>Northing:</b> 5025022<br/> <b>Location Accuracy:</b><br/> <b>Accuracy:</b> Not Applicable </div> </div> |                   |                            |                  |      |      |
| <b><u>Borehole Geology Stratum</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387279<br/> <b>Top Depth:</b> 4.9<br/> <b>Bottom Depth:</b><br/> <b>Material Color:</b> Brown<br/> <b>Material 1:</b> Bedrock<br/> <b>Material 2:</b><br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> </div> <div> <b>Mat Consistency:</b> Dense<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b> Coarse<br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                            |                  |      |      |
| BEDROCK. MEDIUM TO COARSE. BROWN, LOOSE. SILT, SAND, TILL. GREY, DENSE TO VERY DENSE. 0000002300 **Note: Many records provided by the department have a truncated [Stratum Description] field.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387276<br/> <b>Top Depth:</b> .3<br/> <b>Bottom Depth:</b> 2.3<br/> <b>Material Color:</b><br/> <b>Material 1:</b> Sand<br/> <b>Material 2:</b><br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> </div> <div> <b>Mat Consistency:</b> Loose<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b><br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                            |                  |      |      |
| SAND. LOOSE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387277<br/> <b>Top Depth:</b> 2.3<br/> <b>Bottom Depth:</b> 4.1<br/> <b>Material Color:</b><br/> <b>Material 1:</b> Sand<br/> <b>Material 2:</b> Silt<br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> </div> <div> <b>Mat Consistency:</b> Loose<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b><br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                            |                  |      |      |
| SAND, SILT. LOOSE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387278<br/> <b>Top Depth:</b> 4.1<br/> <b>Bottom Depth:</b> 4.9<br/> <b>Material Color:</b><br/> <b>Material 1:</b> Till </div> <div> <b>Mat Consistency:</b> Firm<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b><br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                            |                  |      |      |



| Map Key                   | Number of Records           | Direction/ Distance (m)                              | Elev/Diff (m) | Site                | DB                            |
|---------------------------|-----------------------------|------------------------------------------------------|---------------|---------------------|-------------------------------|
| Material 2:               | Sand                        |                                                      |               | Geologic Group:     |                               |
| Material 3:               |                             |                                                      |               | Geologic Period:    |                               |
| Material 4:               |                             |                                                      |               | Depositional Gen:   |                               |
| Gsc Material Description: |                             |                                                      |               |                     |                               |
| Stratum Description:      |                             | TILL,SAND. FIRM.                                     |               |                     |                               |
| Geology Stratum ID:       | 218387275                   |                                                      |               | Mat Consistency:    |                               |
| Top Depth:                | 0                           |                                                      |               | Material Moisture:  |                               |
| Bottom Depth:             | .3                          |                                                      |               | Material Texture:   |                               |
| Material Color:           |                             |                                                      |               | Non Geo Mat Type:   |                               |
| Material 1:               | Soil                        |                                                      |               | Geologic Formation: |                               |
| Material 2:               |                             |                                                      |               | Geologic Group:     |                               |
| Material 3:               |                             |                                                      |               | Geologic Period:    |                               |
| Material 4:               |                             |                                                      |               | Depositional Gen:   |                               |
| Gsc Material Description: |                             |                                                      |               |                     |                               |
| Stratum Description:      |                             | SOIL.                                                |               |                     |                               |
| <b>Source</b>             |                             |                                                      |               |                     |                               |
| Source Type:              | Data Survey                 |                                                      |               | Source Appl:        | Spatial/Tabular               |
| Source Orig:              | Geological Survey of Canada |                                                      |               | Source Iden:        | 1                             |
| Source Date:              | 1956-1972                   |                                                      |               | Scale or Res:       | Varies                        |
| Confidence:               |                             |                                                      |               | Horizontal:         | NAD27                         |
| Observatio:               |                             |                                                      |               | Verticalda:         | Mean Average Sea Level        |
| Source Name:              |                             | Urban Geology Automated Information System (UGAIS)   |               |                     |                               |
| Source Details:           |                             | File: OTTAWA1.txt RecordID: 035360 NTS_Sheet: 31G05F |               |                     |                               |
| Confiden 1:               |                             |                                                      |               |                     |                               |
| <b>Source List</b>        |                             |                                                      |               |                     |                               |
| Source Identifier:        | 1                           |                                                      |               | Horizontal Datum:   | NAD27                         |
| Source Type:              | Data Survey                 |                                                      |               | Vertical Datum:     | Mean Average Sea Level        |
| Source Date:              | 1956-1972                   |                                                      |               | Projection Name:    | Universal Transverse Mercator |
| Scale or Resolution:      | Varies                      |                                                      |               |                     |                               |
| Source Name:              |                             | Urban Geology Automated Information System (UGAIS)   |               |                     |                               |
| Source Originators:       |                             | Geological Survey of Canada                          |               |                     |                               |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Elev/Diff<br>(m) | Site                                                                                                                                                              | DB          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b>                                                                                                                                                                                                                                        |                   | OTHER CONTAINER LEAK<br><br>POSSIBLE<br><br>Water course or lake<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>WATER<br>OTHER<br>PRIVATE RES. OIL TANK SPILL;50L;TO DRAIN;INS. COMPANY TO CLEANUP                                                                                                                                                                                                                                                                                                                                                                        |                  |                                                                                                                                                                   |             |
| <a href="#">45</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 of 1            | S/149.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 66.9 / 2.61      | 1224 Byron Avenue<br>ON                                                                                                                                           | SPL         |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b> |                   | 1-1U3Q3A<br><br>6/7/2022 12:30:00 PM<br><br>6/7/2022 4:00:48 PM<br>6/8/2022 7:58:49 AM<br><br>Desktop Response<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>Ottawa District Office<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>1224 Byron Avenue<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>1 Minor Impact<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>1 litre (L)<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>DIESEL FUEL |                  | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 0 No Impact |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b> KEV: 1L diesel to soil/cleaned<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00003905094"],"wks":["POINT (-75.7786760000 45.3727482000)","creation_date":"2022-06-07"]} |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |           |              |    |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|--------------|----|------|
| <a href="#">46</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 of 1 | WSW/152.2 | 59.9 / -4.35 | ON | BORE |
| <b>Borehole ID:</b> 611021<br><b>OGF ID:</b> 215512530<br><b>Status:</b><br><b>Type:</b> Borehole<br><b>Use:</b><br><b>Completion Date:</b> SEP-1972<br><b>Static Water Level:</b><br><b>Primary Water Use:</b><br><b>Sec. Water Use:</b><br><b>Total Depth m:</b> 9.4<br><b>Depth Ref:</b> Ground Surface<br><b>Depth Elev:</b><br><b>Drill Method:</b><br><b>Orig Ground Elev m:</b> 59.5<br><b>Elev Reliabil Note:</b><br><b>DEM Ground Elev m:</b> 62.1<br><b>Concession:</b><br><b>Location D:</b><br><b>Survey D:</b><br><b>Comments:</b> |        |           |              |    |      |
| <b>Inclin FLG:</b> No<br><b>SP Status:</b> Initial Entry<br><b>Surv Elev:</b> No<br><b>Piezometer:</b> No<br><b>Primary Name:</b><br><b>Municipality:</b><br><b>Lot:</b><br><b>Township:</b><br><b>Latitude DD:</b> 45.374065<br><b>Longitude DD:</b> -75.780955<br><b>UTM Zone:</b> 18<br><b>Easting:</b> 438851<br><b>Northing:</b> 5024802<br><b>Location Accuracy:</b><br><b>Accuracy:</b> Not Applicable                                                                                                                                   |        |           |              |    |      |
| <b><u>Borehole Geology Stratum</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |           |              |    |      |
| <b>Geology Stratum ID:</b> 218387256<br><b>Top Depth:</b> 7<br><b>Bottom Depth:</b> 7.9<br><b>Material Color:</b> Grey<br><b>Material 1:</b> Bedrock<br><b>Material 2:</b> Limestone<br><b>Material 3:</b> Dolomite<br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND.                                                                                                                                                                                           |        |           |              |    |      |
| <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b>                                                                                                                                                                                                                                                                                                                     |        |           |              |    |      |
| <b>Geology Stratum ID:</b> 218387257<br><b>Top Depth:</b> 7.9<br><b>Bottom Depth:</b> 9.4<br><b>Material Color:</b> Grey<br><b>Material 1:</b> Bedrock<br><b>Material 2:</b> Limestone<br><b>Material 3:</b> Dolomite<br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND. 0001000700025031000781000023010000185NSE. 0000015 **Note: Many records provided by the department have a truncated [Stratum Description] field.                                         |        |           |              |    |      |
| <b>Mat Consistency:</b> Dense<br><b>Material Moisture:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |           |              |    |      |



| Map Key                                                                                                                                                                                                                                                      | Number of Records                                                                                                                                                                                | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                                                                                                                                                        | DB                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                    | 7<br>Grey<br>Silt<br>Sand<br>Till                                                                                                                                                                |                            |                  | <b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b>                                                         |                                                                   |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> | 218387252<br>0<br>.3<br>Brown<br>Unknown<br>Soil                                                                                                                                                 |                            |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> |                                                                   |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> | 218387253<br>.3<br>.8<br>Brown<br>Sand<br>Silt<br>Gravel                                                                                                                                         |                            |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> | Loose                                                             |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> | 218387254<br>.8<br>2.4<br>Brown<br>Silt<br>Gravel<br>Sand                                                                                                                                        |                            |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> | Compact                                                           |
| <b>Source</b>                                                                                                                                                                                                                                                |                                                                                                                                                                                                  |                            |                  |                                                                                                                                                                                                                             |                                                                   |
| <b>Source Type:</b><br><b>Source Orig:</b><br><b>Source Date:</b><br><b>Confidence:</b><br><b>Observatio:</b><br><b>Source Name:</b><br><b>Source Details:</b><br><b>Confiden 1:</b>                                                                         | Data Survey<br>Geological Survey of Canada<br>1956-1972<br>H                                                                                                                                     |                            |                  | <b>Source Appl:</b><br><b>Source Iden:</b><br><b>Scale or Res:</b><br><b>Horizontal:</b><br><b>Verticalda:</b>                                                                                                              | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level |
| <b>Source Name:</b><br><b>Source Details:</b><br><b>Confiden 1:</b>                                                                                                                                                                                          | Urban Geology Automated Information System (UGAIS)<br>File: OTTAWA1.txt RecordID: 035290 NTS_Sheet: 31G05C<br>Logged by professional. Exact and complete description of material and properties. |                            |                  |                                                                                                                                                                                                                             |                                                                   |
| <b>Source List</b>                                                                                                                                                                                                                                           |                                                                                                                                                                                                  |                            |                  |                                                                                                                                                                                                                             |                                                                   |
| <b>Source Identifier:</b><br><b>Source Type:</b><br><b>Source Date:</b><br><b>Scale or Resolution:</b><br><b>Source Name:</b><br><b>Source Originators:</b>                                                                                                  | 1<br>Data Survey<br>1956-1972<br>Varies<br>Urban Geology Automated Information System (UGAIS)<br>Geological Survey of Canada                                                                     |                            |                  | <b>Horizontal Datum:</b><br><b>Vertical Datum:</b><br><b>Projection Name:</b>                                                                                                                                               | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator  |



| Map Key                           | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                | Elev/Diff<br>(m)   | Site                                          | DB              |
|-----------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------|-----------------|
| <a href="#">47</a>                | 1 of 1            | E/153.6                                                                                                                                                                                                   | 69.7 / 5.46        | Paul and Elena Lungu<br><br>Ottawa ON K2W 1E7 | ECA             |
| Approval No:                      |                   | 5314-87HL8C                                                                                                                                                                                               | MOE District:      |                                               | Ottawa          |
| Approval Date:                    |                   | 2010-08-03                                                                                                                                                                                                | City:              |                                               |                 |
| Status:                           |                   | Approved                                                                                                                                                                                                  | Longitude:         |                                               | -75.7757        |
| Record Type:                      |                   | ECA                                                                                                                                                                                                       | Latitude:          |                                               | 45.3749         |
| Link Source:                      |                   | IDS                                                                                                                                                                                                       | Geometry X:        |                                               |                 |
| SWP Area Name:                    |                   | Rideau Valley                                                                                                                                                                                             | Geometry Y:        |                                               |                 |
| Approval Type:                    |                   | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS                                                                                                                                                                    |                    |                                               |                 |
| Project Type:                     |                   | MUNICIPAL AND PRIVATE SEWAGE WORKS                                                                                                                                                                        |                    |                                               |                 |
| Business Name:                    |                   | Paul and Elena Lungu                                                                                                                                                                                      |                    |                                               |                 |
| Address:                          |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| Full Address:                     |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| Full PDF Link:                    |                   | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf</a>                                       |                    |                                               |                 |
| PDF Site Location:                |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| <a href="#">48</a>                | 1 of 1            | WNW/155.1                                                                                                                                                                                                 | 57.9 / -6.37       | lot 25 con 1<br>ON                            | WWIS            |
| Well ID:                          |                   | 1503894                                                                                                                                                                                                   | Flowing (Y/N):     |                                               |                 |
| Construction Date:                |                   |                                                                                                                                                                                                           | Flow Rate:         |                                               |                 |
| Use 1st:                          |                   | Domestic                                                                                                                                                                                                  | Data Entry Status: |                                               |                 |
| Use 2nd:                          |                   | 0                                                                                                                                                                                                         | Data Src:          |                                               | 1               |
| Final Well Status:                |                   | Water Supply                                                                                                                                                                                              | Date Received:     |                                               | 11/24/1948      |
| Water Type:                       |                   |                                                                                                                                                                                                           | Selected Flag:     |                                               | TRUE            |
| Casing Material:                  |                   |                                                                                                                                                                                                           | Abandonment Rec:   |                                               |                 |
| Audit No:                         |                   |                                                                                                                                                                                                           | Contractor:        |                                               | 4216            |
| Tag:                              |                   |                                                                                                                                                                                                           | Form Version:      |                                               | 1               |
| Constructn Method:                |                   |                                                                                                                                                                                                           | Owner:             |                                               |                 |
| Elevation (m):                    |                   |                                                                                                                                                                                                           | County:            |                                               | OTTAWA-CARLETON |
| Elevatn Reliabilty:               |                   |                                                                                                                                                                                                           | Lot:               |                                               | 025             |
| Depth to Bedrock:                 |                   |                                                                                                                                                                                                           | Concession:        |                                               | 01              |
| Well Depth:                       |                   |                                                                                                                                                                                                           | Concession Name:   |                                               | OF              |
| Overburden/Bedrock:               |                   |                                                                                                                                                                                                           | Easting NAD83:     |                                               |                 |
| Pump Rate:                        |                   |                                                                                                                                                                                                           | Northing NAD83:    |                                               |                 |
| Static Water Level:               |                   |                                                                                                                                                                                                           | Zone:              |                                               |                 |
| Clear/Cloudy:                     |                   |                                                                                                                                                                                                           | UTM Reliability:   |                                               |                 |
| Municipality:                     |                   | OTTAWA CITY (NEPEAN)                                                                                                                                                                                      |                    |                                               |                 |
| Site Info:                        |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| PDF URL (Map):                    |                   | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503894.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503894.pdf</a> |                    |                                               |                 |
| <u>Additional Detail(s) (Map)</u> |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| Well Completed Date:              |                   | 10/26/1948                                                                                                                                                                                                |                    |                                               |                 |
| Year Completed:                   |                   | 1948                                                                                                                                                                                                      |                    |                                               |                 |
| Depth (m):                        |                   | 29.2608                                                                                                                                                                                                   |                    |                                               |                 |
| Latitude:                         |                   | 45.3755045402405                                                                                                                                                                                          |                    |                                               |                 |
| Longitude:                        |                   | -75.7807198592913                                                                                                                                                                                         |                    |                                               |                 |
| X:                                |                   | -75.78071969752561                                                                                                                                                                                        |                    |                                               |                 |
| Y:                                |                   | 45.375504533611675                                                                                                                                                                                        |                    |                                               |                 |
| Path:                             |                   | 150\1503894.pdf                                                                                                                                                                                           |                    |                                               |                 |
| <u>Bore Hole Information</u>      |                   |                                                                                                                                                                                                           |                    |                                               |                 |
| Bore Hole ID:                     |                   | 10025937                                                                                                                                                                                                  | Elevation:         |                                               |                 |
| DP2BR:                            |                   |                                                                                                                                                                                                           | Elevrc:            |                                               |                 |
| Spatial Status:                   |                   |                                                                                                                                                                                                           | Zone:              |                                               | 18              |
| Code OB:                          |                   |                                                                                                                                                                                                           | East83:            |                                               | 438870.60       |
| Code OB Desc:                     |                   |                                                                                                                                                                                                           | North83:           |                                               | 5024962.00      |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site             | DB          |
|------------------------------------------|----------------------|----------------------------------------------|------------------|------------------|-------------|
| <hr/>                                    |                      |                                              |                  |                  |             |
| Open Hole:                               |                      |                                              |                  | Org CS:          |             |
| Cluster Kind:                            |                      |                                              |                  | UTMRC:           | 9           |
| Date Completed:                          | 10/26/1948           |                                              |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                 |                      |                                              |                  | Location Method: | p9          |
| Location Method Desc:                    |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                  |             |
| Elevrc Desc:                             |                      |                                              |                  |                  |             |
| Location Source Date:                    |                      |                                              |                  |                  |             |
| Improvement Location Source:             |                      |                                              |                  |                  |             |
| Improvement Location Method:             |                      |                                              |                  |                  |             |
| Source Revision Comment:                 |                      |                                              |                  |                  |             |
| Supplier Comment:                        |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                |                      |                                              |                  |                  |             |
| Formation ID:                            |                      | 930997828                                    |                  |                  |             |
| Layer:                                   |                      | 2                                            |                  |                  |             |
| Color:                                   |                      |                                              |                  |                  |             |
| General Color:                           |                      |                                              |                  |                  |             |
| Material 1:                              |                      | 15                                           |                  |                  |             |
| Material 1 Desc:                         |                      | LIMESTONE                                    |                  |                  |             |
| Material 2:                              |                      |                                              |                  |                  |             |
| Material 2 Desc:                         |                      |                                              |                  |                  |             |
| Material 3:                              |                      |                                              |                  |                  |             |
| Material 3 Desc:                         |                      |                                              |                  |                  |             |
| Formation Top Depth:                     |                      | 15.0                                         |                  |                  |             |
| Formation End Depth:                     |                      | 96.0                                         |                  |                  |             |
| Formation End Depth UOM:                 |                      | ft                                           |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                |                      |                                              |                  |                  |             |
| Formation ID:                            |                      | 930997827                                    |                  |                  |             |
| Layer:                                   |                      | 1                                            |                  |                  |             |
| Color:                                   |                      |                                              |                  |                  |             |
| General Color:                           |                      |                                              |                  |                  |             |
| Material 1:                              |                      | 05                                           |                  |                  |             |
| Material 1 Desc:                         |                      | CLAY                                         |                  |                  |             |
| Material 2:                              |                      | 09                                           |                  |                  |             |
| Material 2 Desc:                         |                      | MEDIUM SAND                                  |                  |                  |             |
| Material 3:                              |                      | 13                                           |                  |                  |             |
| Material 3 Desc:                         |                      | BOULDERS                                     |                  |                  |             |
| Formation Top Depth:                     |                      | 0.0                                          |                  |                  |             |
| Formation End Depth:                     |                      | 15.0                                         |                  |                  |             |
| Formation End Depth UOM:                 |                      | ft                                           |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Method of Construction &amp; Well</u> |                      |                                              |                  |                  |             |
| <u>Use</u>                               |                      |                                              |                  |                  |             |
| Method Construction ID:                  |                      | 961503894                                    |                  |                  |             |
| Method Construction Code:                |                      | 1                                            |                  |                  |             |
| Method Construction:                     |                      | Cable Tool                                   |                  |                  |             |
| Other Method Construction:               |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Pipe Information</u>                  |                      |                                              |                  |                  |             |
| Pipe ID:                                 |                      | 10574507                                     |                  |                  |             |
| Casing No:                               |                      | 1                                            |                  |                  |             |
| Comment:                                 |                      |                                              |                  |                  |             |
| Alt Name:                                |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Construction Record - Casing</u>      |                      |                                              |                  |                  |             |



| Map Key                                     | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Casing ID:</b> 930044623                 |                   |                            |                  |      |    |
| <b>Layer:</b> 2                             |                   |                            |                  |      |    |
| <b>Material:</b> 4                          |                   |                            |                  |      |    |
| <b>Open Hole or Material:</b> OPEN HOLE     |                   |                            |                  |      |    |
| <b>Depth From:</b>                          |                   |                            |                  |      |    |
| <b>Depth To:</b> 96.0                       |                   |                            |                  |      |    |
| <b>Casing Diameter:</b> 5.0                 |                   |                            |                  |      |    |
| <b>Casing Diameter UOM:</b> inch            |                   |                            |                  |      |    |
| <b>Casing Depth UOM:</b> ft                 |                   |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>  |                   |                            |                  |      |    |
| <b>Casing ID:</b> 930044622                 |                   |                            |                  |      |    |
| <b>Layer:</b> 1                             |                   |                            |                  |      |    |
| <b>Material:</b> 1                          |                   |                            |                  |      |    |
| <b>Open Hole or Material:</b> STEEL         |                   |                            |                  |      |    |
| <b>Depth From:</b>                          |                   |                            |                  |      |    |
| <b>Depth To:</b> 15.0                       |                   |                            |                  |      |    |
| <b>Casing Diameter:</b> 5.0                 |                   |                            |                  |      |    |
| <b>Casing Diameter UOM:</b> inch            |                   |                            |                  |      |    |
| <b>Casing Depth UOM:</b> ft                 |                   |                            |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b> |                   |                            |                  |      |    |
| <b>Pumping Test Method Desc:</b> PUMP       |                   |                            |                  |      |    |
| <b>Pump Test ID:</b> 991503894              |                   |                            |                  |      |    |
| <b>Pump Set At:</b>                         |                   |                            |                  |      |    |
| <b>Static Level:</b> 19.0                   |                   |                            |                  |      |    |
| <b>Final Level After Pumping:</b> 21.0      |                   |                            |                  |      |    |
| <b>Recommended Pump Depth:</b>              |                   |                            |                  |      |    |
| <b>Pumping Rate:</b>                        |                   |                            |                  |      |    |
| <b>Flowing Rate:</b>                        |                   |                            |                  |      |    |
| <b>Recommended Pump Rate:</b>               |                   |                            |                  |      |    |
| <b>Levels UOM:</b> ft                       |                   |                            |                  |      |    |
| <b>Rate UOM:</b> GPM                        |                   |                            |                  |      |    |
| <b>Water State After Test Code:</b> 1       |                   |                            |                  |      |    |
| <b>Water State After Test:</b> CLEAR        |                   |                            |                  |      |    |
| <b>Pumping Test Method:</b> 1               |                   |                            |                  |      |    |
| <b>Pumping Duration HR:</b>                 |                   |                            |                  |      |    |
| <b>Pumping Duration MIN:</b>                |                   |                            |                  |      |    |
| <b>Flowing:</b> No                          |                   |                            |                  |      |    |
| <b><u>Water Details</u></b>                 |                   |                            |                  |      |    |
| <b>Water ID:</b> 933456913                  |                   |                            |                  |      |    |
| <b>Layer:</b> 1                             |                   |                            |                  |      |    |
| <b>Kind Code:</b> 1                         |                   |                            |                  |      |    |
| <b>Kind:</b> FRESH                          |                   |                            |                  |      |    |
| <b>Water Found Depth:</b>                   |                   |                            |                  |      |    |
| <b>Water Found Depth UOM:</b> ft            |                   |                            |                  |      |    |

|                                                 |        |           |             |                                                |     |
|-------------------------------------------------|--------|-----------|-------------|------------------------------------------------|-----|
| <a href="#">49</a>                              | 1 of 2 | ENE/159.9 | 65.9 / 1.61 | Byron Ave and Ancaster ave Ottawa<br>OTTAWA ON | SPL |
| <b>Ref No:</b> 1-141U3H                         |        |           |             |                                                |     |
| <b>Year:</b>                                    |        |           |             |                                                |     |
| <b>Incident Dt:</b>                             |        |           |             |                                                |     |
| <b>Dt MOE Arvl on Scn:</b>                      |        |           |             |                                                |     |
| <b>MOE Reported Dt:</b> 8/23/2021 12:57:43 PM   |        |           |             |                                                |     |
| <b>Dt Document Closed:</b> 11/9/2021 4:03:43 PM |        |           |             |                                                |     |
| <b>Site No:</b>                                 |        |           |             |                                                |     |
| <b>Municipality No:</b>                         |        |           |             |                                                |     |
| <b>Nature of Damage:</b>                        |        |           |             |                                                |     |
| <b>Discharger Report:</b>                       |        |           |             |                                                |     |
| <b>Material Group:</b>                          |        |           |             |                                                |     |
| <b>Impact to Health:</b> 0 No Impact            |        |           |             |                                                |     |
| <b>Agency Involved:</b>                         |        |           |             |                                                |     |



| <i>Map Key</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <i>Number of Records</i> | <i>Direction/<br/>Distance (m)</i>                                                                                                                                                                                                                                                                                                                                                                                                                     | <i>Elev/Diff<br/>(m)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|-----------|
| <b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                          | Desktop Response<br><br>Ottawa District Office<br><br>Byron Ave and Ancaster ave Ottawa<br><br>OTTAWA<br><br>1 Minor Impact<br><br>5 litre (L)<br><br>DIESEL FUEL<br><br>Land<br><br>Spill diesel KEV source Byron and Ancaster location Ottawa<br><br>Central Ottawa<br>02KF-Central Ottawa - Mississippi<br>SOYBEAN FARMING<br><br>{"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7760981000 45.3760221000)","creation_date":"2021-08-23"} |                          |             |           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                 |                                                                                                                                                                   |                    |                                                  |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|------------|
| <a href="#">49</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 of 2                                                                                                                                                                                                          | <b>ENE/159.9</b>                                                                                                                                                  | <b>65.9 / 1.61</b> | <b>Byron Ave and Ancaster Ave, Ottawa<br/>ON</b> | <b>SPL</b> |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b> | 1-1DYY20<br><br>11/9/2021 3:00:00 PM<br><br>11/9/2021 3:45:44 PM<br>11/10/2021 9:39:59 AM<br><br>Desktop Response<br><br>Ottawa District Office<br><br>Byron Ave and Ancaster Ave, Ottawa<br><br>OTTAWA<br><br> | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 0 No Impact        |                                                  |            |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b> 1 Minor Impact<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 1 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> DIESEL FUEL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b><br><b>Incident Summary:</b> KEV - 1L diesel to gravel, cleaning<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004309850","PR00003966079"],"wkts":["POINT (-75.7760981000 45.3760221000)","POINT (-75.7700000000 45.3700000000)","POINT (-75.7746215000 45.3776872000)","POINT (-75.7746215000 45.3776872000)"],"creation_date":"2021-11-09"} |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |          |             |                    |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-------------|--------------------|------|
| <a href="#">50</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 of 1 | SE/163.6 | 69.9 / 5.61 | lot 25 con 1<br>ON | WWIS |
| <b>Well ID:</b> 1503896<br><b>Construction Date:</b><br><b>Use 1st:</b> Domestic<br><b>Use 2nd:</b> 0<br><b>Final Well Status:</b> Water Supply<br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b><br><b>Tag:</b><br><b>Constructn Method:</b><br><b>Elevation (m):</b><br><b>Elevatn Reliabilty:</b><br><b>Depth to Bedrock:</b><br><b>Well Depth:</b><br><b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Clear/Cloudy:</b><br><b>Municipality:</b> OTTAWA CITY (NEPEAN)<br><b>Site Info:</b><br><b>PDF URL (Map):</b> <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503896.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503896.pdf</a> |        |          |             |                    |      |

#### Additional Detail(s) (Map)

**Well Completed Date:** 11/01/1948  
**Year Completed:** 1948  
**Depth (m):** 32.3088  
**Latitude:** 45.3733722880662  
**Longitude:** -75.7766024826113  
**X:** -75.7766023212718



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site             | DB          |
|-------------------------------------------------|----------------------|----------------------------------------------|------------------|------------------|-------------|
| Y:                                              |                      | 45.37337228114873                            |                  |                  |             |
| Path:                                           |                      | 150\1503896.pdf                              |                  |                  |             |
| <b><u>Bore Hole Information</u></b>             |                      |                                              |                  |                  |             |
| Bore Hole ID:                                   | 10025939             |                                              |                  | Elevation:       |             |
| DP2BR:                                          |                      |                                              |                  | Elevrc:          |             |
| Spatial Status:                                 |                      |                                              |                  | Zone:            | 18          |
| Code OB:                                        |                      |                                              |                  | East83:          | 439190.70   |
| Code OB Desc:                                   |                      |                                              |                  | North83:         | 5024722.00  |
| Open Hole:                                      |                      |                                              |                  | Org CS:          |             |
| Cluster Kind:                                   |                      |                                              |                  | UTMRC:           | 9           |
| Date Completed:                                 | 11/01/1948           |                                              |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                        |                      |                                              |                  | Location Method: | p9          |
| Location Method Desc:                           |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                  |             |
| Elevrc Desc:                                    |                      |                                              |                  |                  |             |
| Location Source Date:                           |                      |                                              |                  |                  |             |
| Improvement Location Source:                    |                      |                                              |                  |                  |             |
| Improvement Location Method:                    |                      |                                              |                  |                  |             |
| Source Revision Comment:                        |                      |                                              |                  |                  |             |
| Supplier Comment:                               |                      |                                              |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                      |                                              |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                      |                                              |                  |                  |             |
| Formation ID:                                   | 930997831            |                                              |                  |                  |             |
| Layer:                                          | 1                    |                                              |                  |                  |             |
| Color:                                          |                      |                                              |                  |                  |             |
| General Color:                                  |                      |                                              |                  |                  |             |
| Material 1:                                     | 05                   |                                              |                  |                  |             |
| Material 1 Desc:                                | CLAY                 |                                              |                  |                  |             |
| Material 2:                                     | 09                   |                                              |                  |                  |             |
| Material 2 Desc:                                | MEDIUM SAND          |                                              |                  |                  |             |
| Material 3:                                     | 13                   |                                              |                  |                  |             |
| Material 3 Desc:                                | BOULDERS             |                                              |                  |                  |             |
| Formation Top Depth:                            | 0.0                  |                                              |                  |                  |             |
| Formation End Depth:                            | 19.0                 |                                              |                  |                  |             |
| Formation End Depth UOM:                        | ft                   |                                              |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                      |                                              |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                      |                                              |                  |                  |             |
| Formation ID:                                   | 930997832            |                                              |                  |                  |             |
| Layer:                                          | 2                    |                                              |                  |                  |             |
| Color:                                          |                      |                                              |                  |                  |             |
| General Color:                                  |                      |                                              |                  |                  |             |
| Material 1:                                     | 15                   |                                              |                  |                  |             |
| Material 1 Desc:                                | LIMESTONE            |                                              |                  |                  |             |
| Material 2:                                     |                      |                                              |                  |                  |             |
| Material 2 Desc:                                |                      |                                              |                  |                  |             |
| Material 3:                                     |                      |                                              |                  |                  |             |
| Material 3 Desc:                                |                      |                                              |                  |                  |             |
| Formation Top Depth:                            | 19.0                 |                                              |                  |                  |             |
| Formation End Depth:                            | 106.0                |                                              |                  |                  |             |
| Formation End Depth UOM:                        | ft                   |                                              |                  |                  |             |
| <b><u>Method of Construction &amp; Well</u></b> |                      |                                              |                  |                  |             |
| <b><u>Use</u></b>                               |                      |                                              |                  |                  |             |
| Method Construction ID:                         | 961503896            |                                              |                  |                  |             |
| Method Construction Code:                       | 1                    |                                              |                  |                  |             |
| Method Construction:                            | Cable Tool           |                                              |                  |                  |             |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Other Method Construction:</b>           |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>              |                      |                            |                  |      |    |
| Pipe ID:                                    |                      | 10574509                   |                  |      |    |
| Casing No:                                  |                      | 1                          |                  |      |    |
| Comment:                                    |                      |                            |                  |      |    |
| Alt Name:                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |      |    |
| Casing ID:                                  |                      | 930044627                  |                  |      |    |
| Layer:                                      |                      | 2                          |                  |      |    |
| Material:                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                 |                      |                            |                  |      |    |
| Depth To:                                   |                      | 106.0                      |                  |      |    |
| Casing Diameter:                            |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                           |                      | ft                         |                  |      |    |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |      |    |
| Casing ID:                                  |                      | 930044626                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Material:                                   |                      | 1                          |                  |      |    |
| Open Hole or Material:                      |                      | STEEL                      |                  |      |    |
| Depth From:                                 |                      |                            |                  |      |    |
| Depth To:                                   |                      | 19.0                       |                  |      |    |
| Casing Diameter:                            |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                           |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |      |    |
| Pumping Test Method Desc:                   |                      |                            |                  |      |    |
| Pump Test ID:                               |                      | 991503896                  |                  |      |    |
| Pump Set At:                                |                      |                            |                  |      |    |
| Static Level:                               |                      | 19.0                       |                  |      |    |
| Final Level After Pumping:                  |                      |                            |                  |      |    |
| Recommended Pump Depth:                     |                      |                            |                  |      |    |
| Pumping Rate:                               |                      |                            |                  |      |    |
| Flowing Rate:                               |                      |                            |                  |      |    |
| Recommended Pump Rate:                      |                      |                            |                  |      |    |
| Levels UOM:                                 |                      | ft                         |                  |      |    |
| Rate UOM:                                   |                      | GPM                        |                  |      |    |
| Water State After Test Code:                |                      |                            |                  |      |    |
| Water State After Test:                     |                      |                            |                  |      |    |
| Pumping Test Method:                        |                      |                            |                  |      |    |
| Pumping Duration HR:                        |                      |                            |                  |      |    |
| Pumping Duration MIN:                       |                      |                            |                  |      |    |
| Flowing:                                    |                      | No                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933456915                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Kind Code:                                  |                      | 1                          |                  |      |    |
| Kind:                                       |                      | FRESH                      |                  |      |    |
| Water Found Depth:                          |                      |                            |                  |      |    |
| Water Found Depth UOM:                      |                      | ft                         |                  |      |    |



| Map Key                                                                                                                                                                                                                 | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----------------------|
| <a href="#">51</a>                                                                                                                                                                                                      | 1 of 1            | W/165.0                    | 58.9 / -5.39     | ON   | <a href="#">BORE</a> |
| <b>Borehole ID:</b> 611022                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>OGF ID:</b> 215512531                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Status:</b>                                                                                                                                                                                                          |                   |                            |                  |      |                      |
| <b>Type:</b> Borehole                                                                                                                                                                                                   |                   |                            |                  |      |                      |
| <b>Use:</b>                                                                                                                                                                                                             |                   |                            |                  |      |                      |
| <b>Completion Date:</b> SEP-1972                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Static Water Level:</b>                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>Primary Water Use:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Sec. Water Use:</b>                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Total Depth m:</b> 4.3                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Depth Ref:</b> Ground Surface                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Depth Elev:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Drill Method:</b>                                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Orig Ground Elev m:</b> 58.1                                                                                                                                                                                         |                   |                            |                  |      |                      |
| <b>Elev Reliabil Note:</b>                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>DEM Ground Elev m:</b> 61.5                                                                                                                                                                                          |                   |                            |                  |      |                      |
| <b>Concession:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Location D:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Survey D:</b>                                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Comments:</b>                                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Inclin FLG:</b> No                                                                                                                                                                                                   |                   |                            |                  |      |                      |
| <b>SP Status:</b> Initial Entry                                                                                                                                                                                         |                   |                            |                  |      |                      |
| <b>Surv Elev:</b> No                                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Piezometer:</b> No                                                                                                                                                                                                   |                   |                            |                  |      |                      |
| <b>Primary Name:</b>                                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Municipality:</b>                                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Lot:</b>                                                                                                                                                                                                             |                   |                            |                  |      |                      |
| <b>Township:</b>                                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Latitude DD:</b> 45.374243                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Longitude DD:</b> -75.781213                                                                                                                                                                                         |                   |                            |                  |      |                      |
| <b>UTM Zone:</b> 18                                                                                                                                                                                                     |                   |                            |                  |      |                      |
| <b>Easting:</b> 438831                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Northing:</b> 5024822                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Location Accuracy:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Accuracy:</b> Not Applicable                                                                                                                                                                                         |                   |                            |                  |      |                      |
| <b>Borehole Geology Stratum</b>                                                                                                                                                                                         |                   |                            |                  |      |                      |
| <b>Geology Stratum ID:</b> 218387260                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Top Depth:</b> 1.8                                                                                                                                                                                                   |                   |                            |                  |      |                      |
| <b>Bottom Depth:</b> 3                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Material Color:</b> Grey                                                                                                                                                                                             |                   |                            |                  |      |                      |
| <b>Material 1:</b> Sand                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 2:</b> Silt                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 3:</b> Gravel                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material 4:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Gsc Material Description:</b>                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Stratum Description:</b> SAND,SILT-FINE, GRAVEL. GREY,LOOSE,VERY LOOSE.                                                                                                                                              |                   |                            |                  |      |                      |
| <b>Mat Consistency:</b> Loose                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Material Moisture:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material Texture:</b> Fine                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Non Geo Mat Type:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geologic Formation:</b>                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>Geologic Group:</b>                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Geologic Period:</b>                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Depositional Gen:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geology Stratum ID:</b> 218387259                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Top Depth:</b> .2                                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Bottom Depth:</b> 1.8                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Material Color:</b> Brown                                                                                                                                                                                            |                   |                            |                  |      |                      |
| <b>Material 1:</b> Sand                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 2:</b> Silt                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 3:</b> Gravel                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material 4:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Gsc Material Description:</b>                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Stratum Description:</b> SAND,SILT-FINE, GRAVEL. BROWN,LOOSE.                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Mat Consistency:</b> Loose                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Material Moisture:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material Texture:</b> Fine                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Non Geo Mat Type:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geologic Formation:</b>                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>Geologic Group:</b>                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Geologic Period:</b>                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Depositional Gen:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geology Stratum ID:</b> 218387261                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Top Depth:</b> 3                                                                                                                                                                                                     |                   |                            |                  |      |                      |
| <b>Bottom Depth:</b> 4.3                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Material Color:</b> Grey                                                                                                                                                                                             |                   |                            |                  |      |                      |
| <b>Material 1:</b> Silt                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 2:</b> Gravel                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material 3:</b> Sand                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material 4:</b>                                                                                                                                                                                                      |                   |                            |                  |      |                      |
| <b>Gsc Material Description:</b>                                                                                                                                                                                        |                   |                            |                  |      |                      |
| <b>Stratum Description:</b> SILT,GRAVEL,SAND. GREY,VERY DENSE. 000050050006000600100090ND. BEDROCK,LIMESTONE, DOLOMITE. G **Note: Many records provided by the department have a truncated [Stratum Description] field. |                   |                            |                  |      |                      |
| <b>Mat Consistency:</b> Dense                                                                                                                                                                                           |                   |                            |                  |      |                      |
| <b>Material Moisture:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material Texture:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Non Geo Mat Type:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geologic Formation:</b>                                                                                                                                                                                              |                   |                            |                  |      |                      |
| <b>Geologic Group:</b>                                                                                                                                                                                                  |                   |                            |                  |      |                      |
| <b>Geologic Period:</b>                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Depositional Gen:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Geology Stratum ID:</b> 218387258                                                                                                                                                                                    |                   |                            |                  |      |                      |
| <b>Top Depth:</b> 0                                                                                                                                                                                                     |                   |                            |                  |      |                      |
| <b>Bottom Depth:</b> .2                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material Color:</b> Brown                                                                                                                                                                                            |                   |                            |                  |      |                      |
| <b>Mat Consistency:</b>                                                                                                                                                                                                 |                   |                            |                  |      |                      |
| <b>Material Moisture:</b>                                                                                                                                                                                               |                   |                            |                  |      |                      |
| <b>Material Texture:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |
| <b>Non Geo Mat Type:</b>                                                                                                                                                                                                |                   |                            |                  |      |                      |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Number of Records                                                                                                                                                                                                                                                                                                  | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site                                                                                                                                                              | DB                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unknown<br>Soil                                                                                                                                                                                                                                                                                                    |                            |                    | <b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b>                                                       |                                                                   |
| UNSPECIFIED,SOIL. BROWN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                    |                            |                    |                                                                                                                                                                   |                                                                   |
| <b>Source</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                    |                            |                    |                                                                                                                                                                   |                                                                   |
| <b>Source Type:</b><br><b>Source Orig:</b><br><b>Source Date:</b><br><b>Confidence:</b><br><b>Observatio:</b><br><b>Source Name:</b><br><b>Source Details:</b><br><b>Confiden 1:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Data Survey<br>Geological Survey of Canada<br>1956-1972<br>H                                                                                                                                                                                                                                                       |                            |                    | <b>Source Appl:</b><br><b>Source Iden:</b><br><b>Scale or Res:</b><br><b>Horizontal:</b><br><b>Verticalda:</b>                                                    | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level |
| Urban Geology Automated Information System (UGAIS)<br>File: OTTAWA1.txt RecordID: 035300 NTS_Sheet: 31G05C<br>Logged by professional. Exact and complete description of material and properties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                    |                            |                    |                                                                                                                                                                   |                                                                   |
| <b>Source List</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                    |                            |                    |                                                                                                                                                                   |                                                                   |
| <b>Source Identifier:</b><br><b>Source Type:</b><br><b>Source Date:</b><br><b>Scale or Resolution:</b><br><b>Source Name:</b><br><b>Source Originators:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1<br>Data Survey<br>1956-1972<br>Varies                                                                                                                                                                                                                                                                            |                            |                    | <b>Horizontal Datum:</b><br><b>Vertical Datum:</b><br><b>Projection Name:</b>                                                                                     | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator  |
| Urban Geology Automated Information System (UGAIS)<br>Geological Survey of Canada                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                    |                            |                    |                                                                                                                                                                   |                                                                   |
| <b>52</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 of 1                                                                                                                                                                                                                                                                                                             | <b>ENE/171.9</b>           | <b>67.3 / 3.00</b> | <b>Intersection of Byron Avenue and Ancaster Avenue, Ottawa OTTAWA ON</b>                                                                                         | <b>SPL</b>                                                        |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b> | 1-CC44H<br><br>4/13/2021 6:21:05 PM<br><br>4/13/2021 6:21:07 PM<br><br><br>Desktop Response<br><br><br>Ottawa District Office<br><br><br><br>Intersection of Byron Avenue and Ancaster Avenue, Ottawa<br><br>OTTAWA<br><br><br><br><br><br>Unknown / N/A<br>1 Minor Impact<br><br>1 litre (L)<br><br>Unknown / N/A |                            |                    | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | <br><br><br>0 No Impact                                           |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Contaminant Code:</b><br><b>Contaminant Name:</b> DIESEL FUEL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment failure/malfunction<br><b>Incident Summary:</b> KEV: 1L of diesel from generator, cleaned<br><b>Activity Preceding Spill:</b> Maintenance<br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004309850"],"wks":["POINT (-75.7760981000 45.3760221000)"],"creation_date":"2021-04-13"} |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |           |             |    |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------|----|------|
| <a href="#">53</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 of 1 | ESE/172.5 | 69.9 / 5.61 | ON | WWIS |
| <b>Well ID:</b> 1507778<br><b>Construction Date:</b><br><b>Use 1st:</b> Domestic<br><b>Use 2nd:</b> 0<br><b>Final Well Status:</b> Water Supply<br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b><br><b>Tag:</b><br><b>Constructn Method:</b><br><b>Elevation (m):</b><br><b>Elevatn Reliability:</b><br><b>Depth to Bedrock:</b><br><b>Well Depth:</b><br><b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Clear/Cloudy:</b><br><b>Municipality:</b> OTTAWA CITY<br><b>Site Info:</b><br><b>PDF URL (Map):</b> https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507778.pdf |        |           |             |    |      |

#### Additional Detail(s) (Map)

**Well Completed Date:** 03/06/1952  
**Year Completed:** 1952  
**Depth (m):** 30.48  
**Latitude:** 45.3739166582793  
**Longitude:** -75.7759713714781  
**X:** -75.77597120913343  
**Y:** 45.3739166515529  
**Path:** 150\1507778.pdf

#### Bore Hole Information

|                        |          |                   |            |
|------------------------|----------|-------------------|------------|
| <b>Bore Hole ID:</b>   | 10029813 | <b>Elevation:</b> |            |
| <b>DP2BR:</b>          |          | <b>Elevrc:</b>    |            |
| <b>Spatial Status:</b> |          | <b>Zone:</b>      | 18         |
| <b>Code OB:</b>        |          | <b>East83:</b>    | 439240.70  |
| <b>Code OB Desc:</b>   |          | <b>North83:</b>   | 5024782.00 |
| <b>Open Hole:</b>      |          | <b>Org CS:</b>    |            |
| <b>Cluster Kind:</b>   |          | <b>UTMRC:</b>     | 9          |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site             | DB          |
|------------------------------------------|----------------------|----------------------------------------------|------------------|------------------|-------------|
| <hr/>                                    |                      |                                              |                  |                  |             |
| Date Completed:                          | 03/06/1952           |                                              |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                 |                      |                                              |                  | Location Method: | p9          |
| Location Method Desc:                    |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                  |             |
| Elevrc Desc:                             |                      |                                              |                  |                  |             |
| Location Source Date:                    |                      |                                              |                  |                  |             |
| Improvement Location Source:             |                      |                                              |                  |                  |             |
| Improvement Location Method:             |                      |                                              |                  |                  |             |
| Source Revision Comment:                 |                      |                                              |                  |                  |             |
| Supplier Comment:                        |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                |                      |                                              |                  |                  |             |
| Formation ID:                            |                      | 931008005                                    |                  |                  |             |
| Layer:                                   |                      | 2                                            |                  |                  |             |
| Color:                                   |                      |                                              |                  |                  |             |
| General Color:                           |                      |                                              |                  |                  |             |
| Material 1:                              |                      | 17                                           |                  |                  |             |
| Material 1 Desc:                         |                      | SHALE                                        |                  |                  |             |
| Material 2:                              |                      |                                              |                  |                  |             |
| Material 2 Desc:                         |                      |                                              |                  |                  |             |
| Material 3:                              |                      |                                              |                  |                  |             |
| Material 3 Desc:                         |                      |                                              |                  |                  |             |
| Formation Top Depth:                     |                      | 4.0                                          |                  |                  |             |
| Formation End Depth:                     |                      | 100.0                                        |                  |                  |             |
| Formation End Depth UOM:                 |                      | ft                                           |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                |                      |                                              |                  |                  |             |
| Formation ID:                            |                      | 931008004                                    |                  |                  |             |
| Layer:                                   |                      | 1                                            |                  |                  |             |
| Color:                                   |                      |                                              |                  |                  |             |
| General Color:                           |                      |                                              |                  |                  |             |
| Material 1:                              |                      | 17                                           |                  |                  |             |
| Material 1 Desc:                         |                      | SHALE                                        |                  |                  |             |
| Material 2:                              |                      | 02                                           |                  |                  |             |
| Material 2 Desc:                         |                      | TOPSOIL                                      |                  |                  |             |
| Material 3:                              |                      |                                              |                  |                  |             |
| Material 3 Desc:                         |                      |                                              |                  |                  |             |
| Formation Top Depth:                     |                      | 0.0                                          |                  |                  |             |
| Formation End Depth:                     |                      | 4.0                                          |                  |                  |             |
| Formation End Depth UOM:                 |                      | ft                                           |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Method of Construction &amp; Well</u> |                      |                                              |                  |                  |             |
| <u>Use</u>                               |                      |                                              |                  |                  |             |
| Method Construction ID:                  |                      | 961507778                                    |                  |                  |             |
| Method Construction Code:                |                      | 1                                            |                  |                  |             |
| Method Construction:                     |                      | Cable Tool                                   |                  |                  |             |
| Other Method Construction:               |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Pipe Information</u>                  |                      |                                              |                  |                  |             |
| Pipe ID:                                 |                      | 10578383                                     |                  |                  |             |
| Casing No:                               |                      | 1                                            |                  |                  |             |
| Comment:                                 |                      |                                              |                  |                  |             |
| Alt Name:                                |                      |                                              |                  |                  |             |
| <br>                                     |                      |                                              |                  |                  |             |
| <u>Construction Record - Casing</u>      |                      |                                              |                  |                  |             |
| Casing ID:                               |                      | 930052292                                    |                  |                  |             |



| Map Key                                  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <hr/>                                    |                   |                            |                  |      |    |
| Layer:                                   |                   | 2                          |                  |      |    |
| Material:                                |                   | 4                          |                  |      |    |
| Open Hole or Material:                   |                   | OPEN HOLE                  |                  |      |    |
| Depth From:                              |                   |                            |                  |      |    |
| Depth To:                                |                   | 100.0                      |                  |      |    |
| Casing Diameter:                         |                   | 4.0                        |                  |      |    |
| Casing Diameter UOM:                     |                   | inch                       |                  |      |    |
| Casing Depth UOM:                        |                   | ft                         |                  |      |    |
| <br><u>Construction Record - Casing</u>  |                   |                            |                  |      |    |
| Casing ID:                               |                   | 930052291                  |                  |      |    |
| Layer:                                   |                   | 1                          |                  |      |    |
| Material:                                |                   | 1                          |                  |      |    |
| Open Hole or Material:                   |                   | STEEL                      |                  |      |    |
| Depth From:                              |                   |                            |                  |      |    |
| Depth To:                                |                   | 20.0                       |                  |      |    |
| Casing Diameter:                         |                   | 4.0                        |                  |      |    |
| Casing Diameter UOM:                     |                   | inch                       |                  |      |    |
| Casing Depth UOM:                        |                   | ft                         |                  |      |    |
| <br><u>Results of Well Yield Testing</u> |                   |                            |                  |      |    |
| Pumping Test Method Desc:                |                   | PUMP                       |                  |      |    |
| Pump Test ID:                            |                   | 991507778                  |                  |      |    |
| Pump Set At:                             |                   |                            |                  |      |    |
| Static Level:                            |                   | 20.0                       |                  |      |    |
| Final Level After Pumping:               |                   | 26.0                       |                  |      |    |
| Recommended Pump Depth:                  |                   |                            |                  |      |    |
| Pumping Rate:                            |                   | 6.0                        |                  |      |    |
| Flowing Rate:                            |                   |                            |                  |      |    |
| Recommended Pump Rate:                   |                   |                            |                  |      |    |
| Levels UOM:                              |                   | ft                         |                  |      |    |
| Rate UOM:                                |                   | GPM                        |                  |      |    |
| Water State After Test Code:             |                   | 1                          |                  |      |    |
| Water State After Test:                  |                   | CLEAR                      |                  |      |    |
| Pumping Test Method:                     |                   | 1                          |                  |      |    |
| Pumping Duration HR:                     |                   | 0                          |                  |      |    |
| Pumping Duration MIN:                    |                   | 20                         |                  |      |    |
| Flowing:                                 |                   | No                         |                  |      |    |
| <br><u>Water Details</u>                 |                   |                            |                  |      |    |
| Water ID:                                |                   | 933462023                  |                  |      |    |
| Layer:                                   |                   | 1                          |                  |      |    |
| Kind Code:                               |                   | 1                          |                  |      |    |
| Kind:                                    |                   | FRESH                      |                  |      |    |
| Water Found Depth:                       |                   | 80.0                       |                  |      |    |
| Water Found Depth UOM:                   |                   | ft                         |                  |      |    |

|                          |                                                  |                       |              |                                           |     |
|--------------------------|--------------------------------------------------|-----------------------|--------------|-------------------------------------------|-----|
| <a href="#">54</a>       | 1 of 1                                           | SW/173.5              | 61.7 / -2.55 | 1083 Ambleside Drive<br>Ottawa ON K2B 8C8 | EHS |
| <hr/>                    |                                                  |                       |              |                                           |     |
| Order No:                | 21052000329                                      | Nearest Intersection: |              |                                           |     |
| Status:                  | C                                                | Municipality:         |              |                                           |     |
| Report Type:             | Custom Report                                    | Client Prov/State:    |              | ON                                        |     |
| Report Date:             | 23-JUN-21                                        | Search Radius (km):   |              | .25                                       |     |
| Date Received:           | 20-MAY-21                                        | X:                    |              | -75.7806759                               |     |
| Previous Site Name:      |                                                  | Y:                    |              | 45.3731715                                |     |
| Lot/Building Size:       |                                                  |                       |              |                                           |     |
| Additional Info Ordered: | Title Searches; Topographic Maps; City Directory |                       |              |                                           |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                     | DB                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|----------------------------------------------------------|---------------------|
| <a href="#">55</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 of 3            | SSW/177.1                  | 65.9 / 1.66      | Byron and Richardson Avenue Ottawa<br>OTTAWA ON          | <a href="#">SPL</a> |
| <div> <div> <b>Ref No:</b> 1-12HEK6<br/> <b>Year:</b><br/> <b>Incident Dt:</b><br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> 8/6/2021 1:33:25 PM<br/> <b>Dt Document Closed:</b> 11/10/2021 10:13:01 AM<br/> <b>Site No:</b><br/> <b>MOE Response:</b> Desktop Response<br/> <b>Site County/District:</b><br/> <b>Site Geo Ref Meth:</b><br/> <b>Site District Office:</b> Ottawa District Office<br/> <b>Nearest Watercourse:</b><br/> <b>Site Name:</b><br/> <b>Site Address:</b> Byron and Richardson Avenue Ottawa<br/> <b>Site Region:</b><br/> <b>Site Municipality:</b> OTTAWA<br/> <b>Site Lot:</b><br/> <b>Site Conc:</b><br/> <b>Site Geo Ref Accu:</b><br/> <b>Site Map Datum:</b><br/> <b>Northing:</b><br/> <b>Easting:</b><br/> <b>Incident Cause:</b><br/> <b>Incident Preceding Spill:</b><br/> <b>Environment Impact:</b> 0 No Impact<br/> <b>Health Env Consequence:</b><br/> <b>Nature of Impact:</b><br/> <b>Contaminant Qty:</b> 2 litre (L)<br/> <b>System Facility Address:</b><br/> <b>Client Name:</b><br/> <b>Client Type:</b><br/> <b>Source Type:</b><br/> <b>Contaminant Code:</b><br/> <b>Contaminant Name:</b> OIL AND GREASE<br/> <b>Contaminant Limit 1:</b><br/> <b>Contam Limit Freq 1:</b><br/> <b>Contaminant UN No 1:</b><br/> <b>Receiving Medium:</b> Land<br/> <b>Incident Reason:</b><br/> <b>Incident Summary:</b> Diesel spill, 2L - KEV<br/> <b>Activity Preceding Spill:</b><br/> <b>Property 2nd Watershed:</b> Central Ottawa<br/> <b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br/> <b>Sector Type:</b> OIL AND GAS CONTRACT DRILLING<br/> <b>SAC Action Class:</b><br/> <b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2021-08-06"} </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b> 0 No Impact<br/> <b>Agency Involved:</b> </div> </div> |                   |                            |                  |                                                          |                     |
| <a href="#">55</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 of 3            | SSW/177.1                  | 65.9 / 1.66      | Richardson Avenue & Byron Avenue Ottawa, ON<br>OTTAWA ON | <a href="#">SPL</a> |
| <div> <div> <b>Ref No:</b> 1-2725Z2<br/> <b>Year:</b><br/> <b>Incident Dt:</b> 10/4/2022 9:44:07 AM<br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> 10/4/2022 9:44:07 AM<br/> <b>Dt Document Closed:</b> 11/3/2022 10:52:25 AM<br/> <b>Site No:</b><br/> <b>MOE Response:</b> Desktop Response<br/> <b>Site County/District:</b> </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b> 0 No Impact<br/> <b>Agency Involved:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                            |                  |                                                          |                     |



|                              |                                      |           |             |                                                   |     |
|------------------------------|--------------------------------------|-----------|-------------|---------------------------------------------------|-----|
| <a href="#">55</a>           | 3 of 3                               | SSW/177.1 | 65.9 / 1.66 | Byron Ave and Richardson Ave, Ottawa<br>OTTAWA ON | SPL |
| <b>Ref No:</b>               | 1-4TG7G5                             |           |             | <b>Municipality No:</b>                           |     |
| <b>Year:</b>                 |                                      |           |             | <b>Nature of Damage:</b>                          |     |
| <b>Incident Dt:</b>          | Mar 06,2024 08:30:41 AM              |           |             | <b>Discharger Report:</b>                         |     |
| <b>Dt MOE Arvl on Scn:</b>   |                                      |           |             | <b>Material Group:</b>                            |     |
| <b>MOE Reported Dt:</b>      | Mar 06,2024 10:22:41 AM              |           |             | <b>Impact to Health:</b>                          |     |
| <b>Dt Document Closed:</b>   | Mar 07,2024 08:26:45 AM              |           |             | <b>Agency Involved:</b>                           |     |
| <b>Site No:</b>              |                                      |           |             |                                                   |     |
| <b>MOE Response:</b>         | Desktop Response                     |           |             |                                                   |     |
| <b>Site County/District:</b> |                                      |           |             |                                                   |     |
| <b>Site Geo Ref Meth:</b>    |                                      |           |             |                                                   |     |
| <b>Site District Office:</b> | Ottawa District Office               |           |             |                                                   |     |
| <b>Nearest Watercourse:</b>  |                                      |           |             |                                                   |     |
| <b>Site Name:</b>            |                                      |           |             |                                                   |     |
| <b>Site Address:</b>         | Byron Ave and Richardson Ave, Ottawa |           |             |                                                   |     |
| <b>Site Region:</b>          |                                      |           |             |                                                   |     |
| <b>Site Municipality:</b>    | OTTAWA                               |           |             |                                                   |     |
| <b>Site Lot:</b>             |                                      |           |             |                                                   |     |
| <b>Site Conc:</b>            |                                      |           |             |                                                   |     |
| <b>Site Geo Ref Accu:</b>    |                                      |           |             |                                                   |     |
| <b>Site Map Datum:</b>       |                                      |           |             |                                                   |     |
| <b>Northing:</b>             |                                      |           |             |                                                   |     |
| <b>Easting:</b>              |                                      |           |             |                                                   |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                                         | DB  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|--------------------------------------------------------------------------------------------------------------|-----|
| <b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b> Low<br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 2 litre (L)<br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b> COOLANT (N.O.S.)<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b><br><b>Incident Summary:</b> KIEWIT EUROVIA VINCI 2L coolant to ground cleaned<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b> Central Ottawa<br><b>Property Tertiary Watershed:</b> 02KF-Central Ottawa - Mississippi<br><b>Sector Type:</b> ENGINEERING SERVICES<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> {"integration_ids":["PR00004307943"],"wks":["POINT (-75.7793907000 45.3725343000)","creation_date":"2024-03-06"} |                   |                            |                  |                                                                                                              |     |
| <a href="#">56</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 of 5            | WSW/178.9                  | 61.0 / -3.31     | <b>Institute of Professional Management Inc.</b><br>1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8        | SCT |
| <b>Established:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | 1984                       |                  |                                                                                                              |     |
| <b>Plant Size (ft²):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | 8                          |                  |                                                                                                              |     |
| <b>Employment:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                                                              |     |
| <b>--Details--</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                                                              |     |
| <b>Description:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Periodical Publishers      |                  |                                                                                                              |     |
| <b>SIC/NAICS Code:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | 511120                     |                  |                                                                                                              |     |
| <a href="#">56</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 of 5            | WSW/178.9                  | 61.0 / -3.31     | <b>Association of Professional Recruiters of Canada</b><br>1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | SCT |
| <b>Established:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | 1984                       |                  |                                                                                                              |     |
| <b>Plant Size (ft²):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | 8                          |                  |                                                                                                              |     |
| <b>Employment:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                                                              |     |
| <b>--Details--</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                                                              |     |
| <b>Description:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | Periodical Publishers      |                  |                                                                                                              |     |
| <b>SIC/NAICS Code:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | 511120                     |                  |                                                                                                              |     |
| <a href="#">56</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 of 5            | WSW/178.9                  | 61.0 / -3.31     | <b>Association of Professional Recruiters of Canada</b><br>1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | SCT |
| <b>Established:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | 1984                       |                  |                                                                                                              |     |
| <b>Plant Size (ft²):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | 8                          |                  |                                                                                                              |     |
| <b>Employment:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                            |                  |                                                                                                              |     |



| Map Key                          | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                | DB  |
|----------------------------------|-------------------|----------------------------|------------------|-------------------------------------------------------------------------------------|-----|
| <b>--Details--</b>               |                   |                            |                  |                                                                                     |     |
| <b>Description:</b>              |                   | Periodical Publishers      |                  |                                                                                     |     |
| <b>SIC/NAICS Code:</b>           |                   | 511120                     |                  |                                                                                     |     |
|                                  |                   |                            |                  |                                                                                     |     |
| <a href="#">56</a>               | 4 of 5            | WSW/178.9                  | 61.0 / -3.31     | Assocn-Pro Recruiters of Cnd<br>1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8   | SCT |
| <b>Established:</b>              |                   | 01-OCT-84                  |                  |                                                                                     |     |
| <b>Plant Size (ft²):</b>         |                   | 5000                       |                  |                                                                                     |     |
| <b>Employment:</b>               |                   |                            |                  |                                                                                     |     |
| <b>--Details--</b>               |                   |                            |                  |                                                                                     |     |
| <b>Description:</b>              |                   | Professional Organizations |                  |                                                                                     |     |
| <b>SIC/NAICS Code:</b>           |                   | 813920                     |                  |                                                                                     |     |
|                                  |                   |                            |                  |                                                                                     |     |
| <a href="#">56</a>               | 5 of 5            | WSW/178.9                  | 61.0 / -3.31     | Institute of Professional Mgmt<br>1081 Ambleside Dr Suite 2210<br>Ottawa ON K2B 8C8 | SCT |
| <b>Established:</b>              |                   | 01-OCT-84                  |                  |                                                                                     |     |
| <b>Plant Size (ft²):</b>         |                   | 5000                       |                  |                                                                                     |     |
| <b>Employment:</b>               |                   |                            |                  |                                                                                     |     |
| <b>--Details--</b>               |                   |                            |                  |                                                                                     |     |
| <b>Description:</b>              |                   | Professional Organizations |                  |                                                                                     |     |
| <b>SIC/NAICS Code:</b>           |                   | 813920                     |                  |                                                                                     |     |
|                                  |                   |                            |                  |                                                                                     |     |
| <a href="#">57</a>               | 1 of 1            | ENE/181.8                  | 68.6 / 4.37      | 177 Ancaster Ave.<br>OTTAWA ON                                                      | SPL |
| <b>Ref No:</b>                   |                   | 1-3PV1JR                   |                  | <b>Municipality No:</b>                                                             |     |
| <b>Year:</b>                     |                   |                            |                  | <b>Nature of Damage:</b>                                                            |     |
| <b>Incident Dt:</b>              |                   | 8/9/2023 8:34:44 AM        |                  | <b>Discharger Report:</b>                                                           |     |
| <b>Dt MOE Arvl on Scn:</b>       |                   |                            |                  | <b>Material Group:</b>                                                              |     |
| <b>MOE Reported Dt:</b>          |                   | 8/9/2023 9:29:44 AM        |                  | <b>Impact to Health:</b>                                                            |     |
| <b>Dt Document Closed:</b>       |                   |                            |                  | <b>Agency Involved:</b>                                                             |     |
| <b>Site No:</b>                  |                   |                            |                  |                                                                                     |     |
| <b>MOE Response:</b>             |                   | Desktop Response           |                  |                                                                                     |     |
| <b>Site County/District:</b>     |                   |                            |                  |                                                                                     |     |
| <b>Site Geo Ref Meth:</b>        |                   |                            |                  |                                                                                     |     |
| <b>Site District Office:</b>     |                   | Ottawa District Office     |                  |                                                                                     |     |
| <b>Nearest Watercourse:</b>      |                   |                            |                  |                                                                                     |     |
| <b>Site Name:</b>                |                   |                            |                  |                                                                                     |     |
| <b>Site Address:</b>             |                   | 177 Ancaster Ave.          |                  |                                                                                     |     |
| <b>Site Region:</b>              |                   |                            |                  |                                                                                     |     |
| <b>Site Municipality:</b>        |                   | OTTAWA                     |                  |                                                                                     |     |
| <b>Site Lot:</b>                 |                   |                            |                  |                                                                                     |     |
| <b>Site Conc:</b>                |                   |                            |                  |                                                                                     |     |
| <b>Site Geo Ref Accu:</b>        |                   |                            |                  |                                                                                     |     |
| <b>Site Map Datum:</b>           |                   |                            |                  |                                                                                     |     |
| <b>Northing:</b>                 |                   |                            |                  |                                                                                     |     |
| <b>Easting:</b>                  |                   |                            |                  |                                                                                     |     |
| <b>Incident Cause:</b>           |                   |                            |                  |                                                                                     |     |
| <b>Incident Preceding Spill:</b> |                   |                            |                  |                                                                                     |     |
| <b>Environment Impact:</b>       |                   |                            |                  |                                                                                     |     |
| <b>Health Env Consequence:</b>   |                   |                            |                  |                                                                                     |     |
| <b>Nature of Impact:</b>         |                   |                            |                  |                                                                                     |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                                                                                                                                                                                      | Elev/Diff<br>(m)                                                                                                                                                  | Site                                                                                                  | DB  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----|
| <b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   | 0 other - see notes<br><br><br><br>Pipeline/Components<br><br>NATURAL GAS<br><br><br><br><br>Air<br>Human error (Specify)<br>FSB: Ottawa/Enbridge/1/2" plastic service line damage/valid locates/safe<br><br>02K   Central Ottawa River<br>02KF   Mississippi River - Central Ottawa River<br>NATURAL GAS DISTRIBUTION<br><br>{"integration_ids":["PR00003863053"],"wks":["POINT (-75.7756109000 45.3757200000)","creation_date":"2023-08-09"]}                 |                                                                                                                                                                   |                                                                                                       |     |
| <a href="#">58</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 of 1            | NE/183.4                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 62.9 / -1.39                                                                                                                                                      | <b>Kiewit Eurovia Vinci</b><br><b>Nepean Concession 1 ON Ottawa River, Lot 25</b><br><b>Ottawa ON</b> | SPL |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b> |                   | 7545-BZ9QYZ<br><br>2021/03/19<br><br>2021/03/19<br>2021/03/23<br>NA<br>No<br><br>Ottawa<br><br>0.5 L hydraulic oil from hydraulic hammer attachment to ground<UNOFFICIAL><br>Nepean Concession 1 ON Ottawa River, Lot 25<br>Eastern<br>Ottawa<br><br><br><br>5025088<br>439167<br><br>Leak/Break<br><br><br><br>0.5 L<br><br>Kiewit Eurovia Vinci Corporation<br>Valve/Fitting/Piping<br>15<br>HYDRAULIC OIL<br><br><br><br>n/a<br>Land<br>Operator/Human Error | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 2 - Minor Environment                                                                                 |     |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site                      | DB   |
|------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|---------------------------|------|
| <b>Incident Summary:</b>                 |                      | KEV: 0.5 L hydraulic oil from hammer attachment to grnd.                                      |                  |                           |      |
| <b>Activity Preceding Spill:</b>         |                      |                                                                                               |                  |                           |      |
| <b>Property 2nd Watershed:</b>           |                      |                                                                                               |                  |                           |      |
| <b>Property Tertiary Watershed:</b>      |                      |                                                                                               |                  |                           |      |
| <b>Sector Type:</b>                      |                      | Miscellaneous Industrial                                                                      |                  |                           |      |
| <b>SAC Action Class:</b>                 |                      | Land Spills                                                                                   |                  |                           |      |
| <b>Call Report Locatn Geodata:</b>       |                      |                                                                                               |                  |                           |      |
|                                          |                      |                                                                                               |                  |                           |      |
| <a href="#">59</a>                       | 1 of 1               | ENE/187.4                                                                                     | 68.6 / 4.37      | ON                        | WWIS |
| <b>Well ID:</b>                          |                      | 1508046                                                                                       |                  | <b>Flowing (Y/N):</b>     |      |
| <b>Construction Date:</b>                |                      |                                                                                               |                  | <b>Flow Rate:</b>         |      |
| <b>Use 1st:</b>                          |                      | Domestic                                                                                      |                  | <b>Data Entry Status:</b> |      |
| <b>Use 2nd:</b>                          |                      | 0                                                                                             |                  | <b>Data Src:</b>          |      |
| <b>Final Well Status:</b>                |                      | Water Supply                                                                                  |                  | 1                         |      |
| <b>Water Type:</b>                       |                      |                                                                                               |                  | <b>Date Received:</b>     |      |
| <b>Casing Material:</b>                  |                      |                                                                                               |                  | 03/01/1954                |      |
| <b>Audit No:</b>                         |                      |                                                                                               |                  | <b>Selected Flag:</b>     |      |
| <b>Tag:</b>                              |                      |                                                                                               |                  | TRUE                      |      |
| <b>Constructn Method:</b>                |                      |                                                                                               |                  | <b>Abandonment Rec:</b>   |      |
| <b>Elevation (m):</b>                    |                      |                                                                                               |                  | <b>Contractor:</b>        |      |
| <b>Elevatn Reliabilty:</b>               |                      |                                                                                               |                  | 4833                      |      |
| <b>Depth to Bedrock:</b>                 |                      |                                                                                               |                  | <b>Form Version:</b>      |      |
| <b>Well Depth:</b>                       |                      |                                                                                               |                  | 1                         |      |
| <b>Overburden/Bedrock:</b>               |                      |                                                                                               |                  | <b>Owner:</b>             |      |
| <b>Pump Rate:</b>                        |                      |                                                                                               |                  | <b>County:</b>            |      |
| <b>Static Water Level:</b>               |                      |                                                                                               |                  | OTTAWA-CARLETON           |      |
| <b>Clear/Cloudy:</b>                     |                      |                                                                                               |                  | <b>Lot:</b>               |      |
| <b>Municipality:</b>                     |                      | OTTAWA CITY                                                                                   |                  | <b>Concession:</b>        |      |
| <b>Site Info:</b>                        |                      |                                                                                               |                  | <b>Concession Name:</b>   |      |
|                                          |                      |                                                                                               |                  | <b>Easting NAD83:</b>     |      |
|                                          |                      |                                                                                               |                  | <b>Northing NAD83:</b>    |      |
|                                          |                      |                                                                                               |                  | <b>Zone:</b>              |      |
|                                          |                      |                                                                                               |                  | <b>UTM Reliability:</b>   |      |
| <b>PDF URL (Map):</b>                    |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508046.pdf |                  |                           |      |
| <b><u>Additional Detail(s) (Map)</u></b> |                      |                                                                                               |                  |                           |      |
| <b>Well Completed Date:</b>              |                      | 07/01/1953                                                                                    |                  |                           |      |
| <b>Year Completed:</b>                   |                      | 1953                                                                                          |                  |                           |      |
| <b>Depth (m):</b>                        |                      | 30.48                                                                                         |                  |                           |      |
| <b>Latitude:</b>                         |                      | 45.375809367037                                                                               |                  |                           |      |
| <b>Longitude:</b>                        |                      | -75.7756141083484                                                                             |                  |                           |      |
| <b>X:</b>                                |                      | -75.77561394640746                                                                            |                  |                           |      |
| <b>Y:</b>                                |                      | 45.37580936011971                                                                             |                  |                           |      |
| <b>Path:</b>                             |                      | 150\1508046.pdf                                                                               |                  |                           |      |
| <b><u>Bore Hole Information</u></b>      |                      |                                                                                               |                  |                           |      |
| <b>Bore Hole ID:</b>                     |                      | 10030081                                                                                      |                  | <b>Elevation:</b>         |      |
| <b>DP2BR:</b>                            |                      |                                                                                               |                  | <b>Elevrc:</b>            |      |
| <b>Spatial Status:</b>                   |                      |                                                                                               |                  | <b>Zone:</b>              |      |
| <b>Code OB:</b>                          |                      |                                                                                               |                  | 18                        |      |
| <b>Code OB Desc:</b>                     |                      |                                                                                               |                  | <b>East83:</b>            |      |
| <b>Open Hole:</b>                        |                      |                                                                                               |                  | 439270.70                 |      |
| <b>Cluster Kind:</b>                     |                      |                                                                                               |                  | <b>North83:</b>           |      |
| <b>Date Completed:</b>                   |                      | 07/01/1953                                                                                    |                  | 5024992.00                |      |
| <b>Remarks:</b>                          |                      |                                                                                               |                  | <b>Org CS:</b>            |      |
| <b>Location Method Desc:</b>             |                      | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  | <b>UTMRC:</b>             |      |
| <b>Elevrc Desc:</b>                      |                      |                                                                                               |                  | 9                         |      |
| <b>Location Source Date:</b>             |                      |                                                                                               |                  | <b>UTMRC Desc:</b>        |      |
| <b>Improvement Location Source:</b>      |                      |                                                                                               |                  | unknown UTM               |      |
| <b>Improvement Location Method:</b>      |                      |                                                                                               |                  | <b>Location Method:</b>   |      |
| <b>Source Revision Comment:</b>          |                      |                                                                                               |                  | p9                        |      |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Supplier Comment:</b>                                    |                      |                            |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931008667                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 4.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 100.0                      |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931008666                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 01                         |                  |      |    |
| Material 1 Desc:                                            |                      | FILL                       |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 4.0                        |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961508046                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10578651                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930052819                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Material:                                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 100.0                      |                  |      |    |
| Casing Diameter:                                            |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |      |    |
| Casing ID:                                  |                      | 930052818                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Material:                                   |                      | 1                          |                  |      |    |
| Open Hole or Material:                      |                      | STEEL                      |                  |      |    |
| Depth From:                                 |                      |                            |                  |      |    |
| Depth To:                                   |                      | 20.0                       |                  |      |    |
| Casing Diameter:                            |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                           |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |      |    |
| Pumping Test Method Desc:                   |                      | PUMP                       |                  |      |    |
| Pump Test ID:                               |                      | 991508046                  |                  |      |    |
| Pump Set At:                                |                      |                            |                  |      |    |
| Static Level:                               |                      | 30.0                       |                  |      |    |
| Final Level After Pumping:                  |                      | 55.0                       |                  |      |    |
| Recommended Pump Depth:                     |                      |                            |                  |      |    |
| Pumping Rate:                               |                      | 5.0                        |                  |      |    |
| Flowing Rate:                               |                      |                            |                  |      |    |
| Recommended Pump Rate:                      |                      |                            |                  |      |    |
| Levels UOM:                                 |                      | ft                         |                  |      |    |
| Rate UOM:                                   |                      | GPM                        |                  |      |    |
| Water State After Test Code:                |                      | 1                          |                  |      |    |
| Water State After Test:                     |                      | CLEAR                      |                  |      |    |
| Pumping Test Method:                        |                      | 1                          |                  |      |    |
| Pumping Duration HR:                        |                      | 0                          |                  |      |    |
| Pumping Duration MIN:                       |                      | 20                         |                  |      |    |
| Flowing:                                    |                      | No                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933462393                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Kind Code:                                  |                      | 1                          |                  |      |    |
| Kind:                                       |                      | FRESH                      |                  |      |    |
| Water Found Depth:                          |                      | 90.0                       |                  |      |    |
| Water Found Depth UOM:                      |                      | ft                         |                  |      |    |

|                     |                |                  |                    |                    |                |
|---------------------|----------------|------------------|--------------------|--------------------|----------------|
| <b>60</b>           | <b>1 of 1</b>  | <b>ENE/187.5</b> | <b>68.6 / 4.37</b> | <b>ON</b>          | <b>BORE</b>    |
| Borehole ID:        | 611027         |                  |                    | Inclin FLG:        | No             |
| OGF ID:             | 215512536      |                  |                    | SP Status:         | Initial Entry  |
| Status:             |                |                  |                    | Surv Elev:         | No             |
| Type:               | Borehole       |                  |                    | Piezometer:        | No             |
| Use:                |                |                  |                    | Primary Name:      |                |
| Completion Date:    | JUL-1953       |                  |                    | Municipality:      |                |
| Static Water Level: |                |                  |                    | Lot:               |                |
| Primary Water Use:  |                |                  |                    | Township:          |                |
| Sec. Water Use:     |                |                  |                    | Latitude DD:       | 45.375811      |
| Total Depth m:      | 30.5           |                  |                    | Longitude DD:      | -75.775615     |
| Depth Ref:          | Ground Surface |                  |                    | UTM Zone:          | 18             |
| Depth Elev:         |                |                  |                    | Easting:           | 439271         |
| Drill Method:       |                |                  |                    | Northing:          | 5024992        |
| Orig Ground Elev m: | 68.6           |                  |                    | Location Accuracy: |                |
| Elev Reliabil Note: |                |                  |                    | Accuracy:          | Not Applicable |
| DEM Ground Elev m:  | 69.4           |                  |                    |                    |                |
| Concession:         |                |                  |                    |                    |                |



| Map Key                               | Number of<br>Records                                                                                                                                                                    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                       | DB                            |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------|----------------------------------------------------------------------------|-------------------------------|
| Location D:<br>Survey D:<br>Comments: |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Borehole Geology Stratum              |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Geology Stratum ID:                   | 218387274                                                                                                                                                                               |                            |                  | Mat Consistency:                                                           | Compact                       |
| Top Depth:                            | 1.2                                                                                                                                                                                     |                            |                  | Material Moisture:                                                         |                               |
| Bottom Depth:                         | 30.5                                                                                                                                                                                    |                            |                  | Material Texture:                                                          | Coarse                        |
| Material Color:                       | Brown                                                                                                                                                                                   |                            |                  | Non Geo Mat Type:                                                          |                               |
| Material 1:                           | Limestone                                                                                                                                                                               |                            |                  | Geologic Formation:                                                        |                               |
| Material 2:                           |                                                                                                                                                                                         |                            |                  | Geologic Group:                                                            |                               |
| Material 3:                           |                                                                                                                                                                                         |                            |                  | Geologic Period:                                                           |                               |
| Material 4:                           |                                                                                                                                                                                         |                            |                  | Depositional Gen:                                                          |                               |
| Gsc Material Description:             |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Stratum Description:                  | LIMESTONE. ACT. TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. S<br>**Note: Many records provided by the department have a truncated [Stratum Description] field. |                            |                  |                                                                            |                               |
| Geology Stratum ID:                   | 218387273                                                                                                                                                                               |                            |                  | Mat Consistency:                                                           |                               |
| Top Depth:                            | 0                                                                                                                                                                                       |                            |                  | Material Moisture:                                                         |                               |
| Bottom Depth:                         | 1.2                                                                                                                                                                                     |                            |                  | Material Texture:                                                          |                               |
| Material Color:                       |                                                                                                                                                                                         |                            |                  | Non Geo Mat Type:                                                          |                               |
| Material 1:                           | Fill                                                                                                                                                                                    |                            |                  | Geologic Formation:                                                        |                               |
| Material 2:                           |                                                                                                                                                                                         |                            |                  | Geologic Group:                                                            |                               |
| Material 3:                           |                                                                                                                                                                                         |                            |                  | Geologic Period:                                                           |                               |
| Material 4:                           |                                                                                                                                                                                         |                            |                  | Depositional Gen:                                                          | fill                          |
| Gsc Material Description:             |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Stratum Description:                  | FILL.                                                                                                                                                                                   |                            |                  |                                                                            |                               |
| Source                                |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Source Type:                          | Data Survey                                                                                                                                                                             |                            |                  | Source Appl:                                                               | Spatial/Tabular               |
| Source Orig:                          | Geological Survey of Canada                                                                                                                                                             |                            |                  | Source Iden:                                                               | 1                             |
| Source Date:                          | 1956-1972                                                                                                                                                                               |                            |                  | Scale or Res:                                                              | Varies                        |
| Confidence:                           |                                                                                                                                                                                         |                            |                  | Horizontal:                                                                | NAD27                         |
| Observatio:                           |                                                                                                                                                                                         |                            |                  | Verticalda:                                                                | Mean Average Sea Level        |
| Source Name:                          | Urban Geology Automated Information System (UGAIS)                                                                                                                                      |                            |                  |                                                                            |                               |
| Source Details:                       | File: OTTAWA1.txt RecordID: 03535 NTS_Sheet:                                                                                                                                            |                            |                  |                                                                            |                               |
| Confiden 1:                           |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Source List                           |                                                                                                                                                                                         |                            |                  |                                                                            |                               |
| Source Identifier:                    | 1                                                                                                                                                                                       |                            |                  | Horizontal Datum:                                                          | NAD27                         |
| Source Type:                          | Data Survey                                                                                                                                                                             |                            |                  | Vertical Datum:                                                            | Mean Average Sea Level        |
| Source Date:                          | 1956-1972                                                                                                                                                                               |                            |                  | Projection Name:                                                           | Universal Transverse Mercator |
| Scale or Resolution:                  | Varies                                                                                                                                                                                  |                            |                  |                                                                            |                               |
| Source Name:                          | Urban Geology Automated Information System (UGAIS)                                                                                                                                      |                            |                  |                                                                            |                               |
| Source Originators:                   | Geological Survey of Canada                                                                                                                                                             |                            |                  |                                                                            |                               |
| 61                                    | 1 of 2                                                                                                                                                                                  | SSW/190.0                  | 64.6 / 0.38      | Kiewit Eurovia Vinci Ottawa Partnership<br>1068 Richmond Road<br>Ottawa ON | SPL                           |
| Ref No:                               | 7118-BZKPR8                                                                                                                                                                             |                            |                  | Municipality No:                                                           |                               |
| Year:                                 |                                                                                                                                                                                         |                            |                  | Nature of Damage:                                                          |                               |
| Incident Dt:                          | 3/29/2021                                                                                                                                                                               |                            |                  | Discharger Report:                                                         |                               |
| Dt MOE Arvl on Scn:                   |                                                                                                                                                                                         |                            |                  | Material Group:                                                            |                               |
| MOE Reported Dt:                      | 3/29/2021                                                                                                                                                                               |                            |                  | Impact to Health:                                                          | 2 - Minor Environment         |
| Dt Document Closed:                   | 4/19/2021                                                                                                                                                                               |                            |                  | Agency Involved:                                                           |                               |
| Site No:                              | NA                                                                                                                                                                                      |                            |                  |                                                                            |                               |
| MOE Response:                         | No                                                                                                                                                                                      |                            |                  |                                                                            |                               |
| Site County/District:                 |                                                                                                                                                                                         |                            |                  |                                                                            |                               |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa<br><b>Nearest Watercourse:</b><br><b>Site Name:</b> Byron Linear Park <UNOFFICIAL><br><b>Site Address:</b> 1068 Richmond Road<br><b>Site Region:</b> Eastern<br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b> 5025439<br><b>Easting:</b> 439528<br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 3 L<br><b>System Facility Address:</b><br><b>Client Name:</b> Kiewit Eurovia Vinci Ottawa Partnership<br><b>Client Type:</b> Corporation<br><b>Source Type:</b> Valve/Fitting/Piping<br><b>Contaminant Code:</b> 15<br><b>Contaminant Name:</b> HYDRAULIC OIL<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b> n/a<br><b>Receiving Medium:</b> Land<br><b>Incident Reason:</b> Equipment Failure<br><b>Incident Summary:</b> KEV: 3L hydraulic oil to grnd, cnted, clning<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Miscellaneous Communal<br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                  |                    |                                                   |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------------|---------------------------------------------------|------------|
| <b>61</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>2 of 2</b> | <b>SSW/190.0</b> | <b>64.6 / 0.38</b> | <b>1068 Richmond Rd, Ottawa, ON<br/>OTTAWA ON</b> | <b>SPL</b> |
| <b>Ref No:</b> 1-C44W4<br><b>Year:</b><br><b>Incident Dt:</b> 4/7/2021 2:15:01 PM<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 4/7/2021 3:13:14 PM<br><b>Dt Document Closed:</b> 8/6/2021 1:11:25 PM<br><b>Site No:</b><br><b>MOE Response:</b> Desktop Response<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa District Office<br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b> 1068 Richmond Rd, Ottawa, ON<br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b> |               |                  |                    |                                                   |            |
| <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 0 No Impact<br><b>Agency Involved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                  |                    |                                                   |            |



| Map Key                             | Number of Records | Direction/<br>Distance (m)                                                                                             | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------|------------------|------|----|
| <b>Incident Preceding Spill:</b>    |                   |                                                                                                                        |                  |      |    |
| <b>Environment Impact:</b>          |                   | 1 Minor Impact                                                                                                         |                  |      |    |
| <b>Health Env Consequence:</b>      |                   |                                                                                                                        |                  |      |    |
| <b>Nature of Impact:</b>            |                   |                                                                                                                        |                  |      |    |
| <b>Contaminant Qty:</b>             |                   | 30 litre (L)                                                                                                           |                  |      |    |
| <b>System Facility Address:</b>     |                   |                                                                                                                        |                  |      |    |
| <b>Client Name:</b>                 |                   |                                                                                                                        |                  |      |    |
| <b>Client Type:</b>                 |                   |                                                                                                                        |                  |      |    |
| <b>Source Type:</b>                 |                   |                                                                                                                        |                  |      |    |
| <b>Contaminant Code:</b>            |                   |                                                                                                                        |                  |      |    |
| <b>Contaminant Name:</b>            |                   | HYDRAULIC OIL                                                                                                          |                  |      |    |
| <b>Contaminant Limit 1:</b>         |                   |                                                                                                                        |                  |      |    |
| <b>Contam Limit Freq 1:</b>         |                   |                                                                                                                        |                  |      |    |
| <b>Contaminant UN No 1:</b>         |                   |                                                                                                                        |                  |      |    |
| <b>Receiving Medium:</b>            |                   | Land; Surface Water                                                                                                    |                  |      |    |
| <b>Incident Reason:</b>             |                   |                                                                                                                        |                  |      |    |
| <b>Incident Summary:</b>            |                   | KEV: Spill of 30L hydraulic oil to grnd, water                                                                         |                  |      |    |
| <b>Activity Preceding Spill:</b>    |                   |                                                                                                                        |                  |      |    |
| <b>Property 2nd Watershed:</b>      |                   | Central Ottawa                                                                                                         |                  |      |    |
| <b>Property Tertiary Watershed:</b> |                   | 02KF-Central Ottawa - Mississippi                                                                                      |                  |      |    |
| <b>Sector Type:</b>                 |                   | HIGHWAY, STREET AND BRIDGE CONSTRUCTION                                                                                |                  |      |    |
| <b>SAC Action Class:</b>            |                   |                                                                                                                        |                  |      |    |
| <b>Call Report Locatn Geodata:</b>  |                   | { "integration_ids":["PR00004320938"], "wkts":["POINT (-75.7609026000 45.3880903000)"], "creation_date":"2021-04-07" } |                  |      |    |

|                                   |                                                                                                                                                                                                           |           |              |                    |                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--------------------|-----------------|
| <a href="#">62</a>                | 1 of 1                                                                                                                                                                                                    | NNE/190.7 | 59.9 / -4.39 | ON                 | WWIS            |
| Well ID:                          | 1508854                                                                                                                                                                                                   |           |              | Flowing (Y/N):     |                 |
| Construction Date:                |                                                                                                                                                                                                           |           |              | Flow Rate:         |                 |
| Use 1st:                          | Domestic                                                                                                                                                                                                  |           |              | Data Entry Status: |                 |
| Use 2nd:                          | 0                                                                                                                                                                                                         |           |              | Data Src:          | 1               |
| Final Well Status:                | Water Supply                                                                                                                                                                                              |           |              | Date Received:     | 08/27/1953      |
| Water Type:                       |                                                                                                                                                                                                           |           |              | Selected Flag:     | TRUE            |
| Casing Material:                  |                                                                                                                                                                                                           |           |              | Abandonment Rec:   |                 |
| Audit No:                         |                                                                                                                                                                                                           |           |              | Contractor:        | 3725            |
| Tag:                              |                                                                                                                                                                                                           |           |              | Form Version:      | 1               |
| Constructn Method:                |                                                                                                                                                                                                           |           |              | Owner:             |                 |
| Elevation (m):                    |                                                                                                                                                                                                           |           |              | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty:               |                                                                                                                                                                                                           |           |              | Lot:               |                 |
| Depth to Bedrock:                 |                                                                                                                                                                                                           |           |              | Concession:        |                 |
| Well Depth:                       |                                                                                                                                                                                                           |           |              | Concession Name:   |                 |
| Overburden/Bedrock:               |                                                                                                                                                                                                           |           |              | Easting NAD83:     |                 |
| Pump Rate:                        |                                                                                                                                                                                                           |           |              | Northing NAD83:    |                 |
| Static Water Level:               |                                                                                                                                                                                                           |           |              | Zone:              |                 |
| Clear/Cloudy:                     |                                                                                                                                                                                                           |           |              | UTM Reliability:   |                 |
| Municipality:                     | OTTAWA CITY                                                                                                                                                                                               |           |              |                    |                 |
| Site Info:                        |                                                                                                                                                                                                           |           |              |                    |                 |
| PDF URL (Map):                    | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508854.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508854.pdf</a> |           |              |                    |                 |
| <u>Additional Detail(s) (Map)</u> |                                                                                                                                                                                                           |           |              |                    |                 |
| Well Completed Date:              | 07/27/1953                                                                                                                                                                                                |           |              |                    |                 |
| Year Completed:                   | 1953                                                                                                                                                                                                      |           |              |                    |                 |
| Depth (m):                        | 18.288                                                                                                                                                                                                    |           |              |                    |                 |
| Latitude:                         | 45.377054673661                                                                                                                                                                                           |           |              |                    |                 |
| Longitude:                        | -75.7778023654697                                                                                                                                                                                         |           |              |                    |                 |
| X:                                | -75.77780220298119                                                                                                                                                                                        |           |              |                    |                 |
| Y:                                | 45.377054667252686                                                                                                                                                                                        |           |              |                    |                 |
| Path:                             | 150\1508854.pdf                                                                                                                                                                                           |           |              |                    |                 |



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site             | DB          |
|-------------------------------------------------|----------------------|----------------------------------------------|------------------|------------------|-------------|
| <b><u>Bore Hole Information</u></b>             |                      |                                              |                  |                  |             |
| Bore Hole ID:                                   | 10030888             |                                              |                  | Elevation:       |             |
| DP2BR:                                          |                      |                                              |                  | Elevrc:          |             |
| Spatial Status:                                 |                      |                                              |                  | Zone:            | 18          |
| Code OB:                                        |                      |                                              |                  | East83:          | 439100.70   |
| Code OB Desc:                                   |                      |                                              |                  | North83:         | 5025132.00  |
| Open Hole:                                      |                      |                                              |                  | Org CS:          |             |
| Cluster Kind:                                   |                      |                                              |                  | UTMRC:           | 9           |
| Date Completed:                                 | 07/27/1953           |                                              |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                        |                      |                                              |                  | Location Method: | p9          |
| Location Method Desc:                           |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                  |             |
| Elevrc Desc:                                    |                      |                                              |                  |                  |             |
| Location Source Date:                           |                      |                                              |                  |                  |             |
| Improvement Location Source:                    |                      |                                              |                  |                  |             |
| Improvement Location Method:                    |                      |                                              |                  |                  |             |
| Source Revision Comment:                        |                      |                                              |                  |                  |             |
| Supplier Comment:                               |                      |                                              |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                      |                                              |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                      |                                              |                  |                  |             |
| Formation ID:                                   | 931010777            |                                              |                  |                  |             |
| Layer:                                          | 2                    |                                              |                  |                  |             |
| Color:                                          |                      |                                              |                  |                  |             |
| General Color:                                  |                      |                                              |                  |                  |             |
| Material 1:                                     | 26                   |                                              |                  |                  |             |
| Material 1 Desc:                                | ROCK                 |                                              |                  |                  |             |
| Material 2:                                     |                      |                                              |                  |                  |             |
| Material 2 Desc:                                |                      |                                              |                  |                  |             |
| Material 3:                                     |                      |                                              |                  |                  |             |
| Material 3 Desc:                                |                      |                                              |                  |                  |             |
| Formation Top Depth:                            | 10.0                 |                                              |                  |                  |             |
| Formation End Depth:                            | 60.0                 |                                              |                  |                  |             |
| Formation End Depth UOM:                        | ft                   |                                              |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                      |                                              |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                      |                                              |                  |                  |             |
| Formation ID:                                   | 931010776            |                                              |                  |                  |             |
| Layer:                                          | 1                    |                                              |                  |                  |             |
| Color:                                          |                      |                                              |                  |                  |             |
| General Color:                                  |                      |                                              |                  |                  |             |
| Material 1:                                     | 09                   |                                              |                  |                  |             |
| Material 1 Desc:                                | MEDIUM SAND          |                                              |                  |                  |             |
| Material 2:                                     | 12                   |                                              |                  |                  |             |
| Material 2 Desc:                                | STONES               |                                              |                  |                  |             |
| Material 3:                                     |                      |                                              |                  |                  |             |
| Material 3 Desc:                                |                      |                                              |                  |                  |             |
| Formation Top Depth:                            | 0.0                  |                                              |                  |                  |             |
| Formation End Depth:                            | 10.0                 |                                              |                  |                  |             |
| Formation End Depth UOM:                        | ft                   |                                              |                  |                  |             |
| <b><u>Method of Construction &amp; Well</u></b> |                      |                                              |                  |                  |             |
| <b><u>Use</u></b>                               |                      |                                              |                  |                  |             |
| Method Construction ID:                         | 961508854            |                                              |                  |                  |             |
| Method Construction Code:                       | 1                    |                                              |                  |                  |             |
| Method Construction:                            | Cable Tool           |                                              |                  |                  |             |
| Other Method Construction:                      |                      |                                              |                  |                  |             |
| <b><u>Pipe Information</u></b>                  |                      |                                              |                  |                  |             |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB   |
|------------------------------------------|----------------------|----------------------------|------------------|--------------------|------|
| <hr/>                                    |                      |                            |                  |                    |      |
| Pipe ID:                                 |                      | 10579458                   |                  |                    |      |
| Casing No:                               |                      | 1                          |                  |                    |      |
| Comment:                                 |                      |                            |                  |                    |      |
| Alt Name:                                |                      |                            |                  |                    |      |
| <br><u>Construction Record - Casing</u>  |                      |                            |                  |                    |      |
| Casing ID:                               |                      | 930054407                  |                  |                    |      |
| Layer:                                   |                      | 1                          |                  |                    |      |
| Material:                                |                      | 1                          |                  |                    |      |
| Open Hole or Material:                   |                      | STEEL                      |                  |                    |      |
| Depth From:                              |                      |                            |                  |                    |      |
| Depth To:                                |                      | 20.0                       |                  |                    |      |
| Casing Diameter:                         |                      | 4.0                        |                  |                    |      |
| Casing Diameter UOM:                     |                      | inch                       |                  |                    |      |
| Casing Depth UOM:                        |                      | ft                         |                  |                    |      |
| <br><u>Construction Record - Casing</u>  |                      |                            |                  |                    |      |
| Casing ID:                               |                      | 930054408                  |                  |                    |      |
| Layer:                                   |                      | 2                          |                  |                    |      |
| Material:                                |                      | 4                          |                  |                    |      |
| Open Hole or Material:                   |                      | OPEN HOLE                  |                  |                    |      |
| Depth From:                              |                      |                            |                  |                    |      |
| Depth To:                                |                      | 60.0                       |                  |                    |      |
| Casing Diameter:                         |                      | 4.0                        |                  |                    |      |
| Casing Diameter UOM:                     |                      | inch                       |                  |                    |      |
| Casing Depth UOM:                        |                      | ft                         |                  |                    |      |
| <br><u>Results of Well Yield Testing</u> |                      |                            |                  |                    |      |
| Pumping Test Method Desc:                |                      | PUMP                       |                  |                    |      |
| Pump Test ID:                            |                      | 991508854                  |                  |                    |      |
| Pump Set At:                             |                      |                            |                  |                    |      |
| Static Level:                            |                      | 10.0                       |                  |                    |      |
| Final Level After Pumping:               |                      | 15.0                       |                  |                    |      |
| Recommended Pump Depth:                  |                      |                            |                  |                    |      |
| Pumping Rate:                            |                      | 1.0                        |                  |                    |      |
| Flowing Rate:                            |                      |                            |                  |                    |      |
| Recommended Pump Rate:                   |                      |                            |                  |                    |      |
| Levels UOM:                              |                      | ft                         |                  |                    |      |
| Rate UOM:                                |                      | GPM                        |                  |                    |      |
| Water State After Test Code:             |                      | 1                          |                  |                    |      |
| Water State After Test:                  |                      | CLEAR                      |                  |                    |      |
| Pumping Test Method:                     |                      | 1                          |                  |                    |      |
| Pumping Duration HR:                     |                      | 0                          |                  |                    |      |
| Pumping Duration MIN:                    |                      | 15                         |                  |                    |      |
| Flowing:                                 |                      | No                         |                  |                    |      |
| <br><u>Water Details</u>                 |                      |                            |                  |                    |      |
| Water ID:                                |                      | 933463550                  |                  |                    |      |
| Layer:                                   |                      | 1                          |                  |                    |      |
| Kind Code:                               |                      | 1                          |                  |                    |      |
| Kind:                                    |                      | FRESH                      |                  |                    |      |
| Water Found Depth:                       |                      |                            |                  |                    |      |
| Water Found Depth UOM:                   |                      | ft                         |                  |                    |      |
| <hr/>                                    |                      |                            |                  |                    |      |
| <a href="#">63</a>                       | 1 of 1               | E/191.3                    | 69.9 / 5.61      | lot 25 con 1<br>ON | WWIS |



| Map Key                           | Number of<br>Records                                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB              |
|-----------------------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------------|--------------------|-----------------|
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| Well ID:                          | 1503898                                                                                       |                            |                  | Flowing (Y/N):     |                 |
| Construction Date:                |                                                                                               |                            |                  | Flow Rate:         |                 |
| Use 1st:                          | Domestic                                                                                      |                            |                  | Data Entry Status: |                 |
| Use 2nd:                          | 0                                                                                             |                            |                  | Data Src:          | 1               |
| Final Well Status:                | Water Supply                                                                                  |                            |                  | Date Received:     | 11/23/1951      |
| Water Type:                       |                                                                                               |                            |                  | Selected Flag:     | TRUE            |
| Casing Material:                  |                                                                                               |                            |                  | Abandonment Rec:   |                 |
| Audit No:                         |                                                                                               |                            |                  | Contractor:        | 4832            |
| Tag:                              |                                                                                               |                            |                  | Form Version:      | 1               |
| Constructn Method:                |                                                                                               |                            |                  | Owner:             |                 |
| Elevation (m):                    |                                                                                               |                            |                  | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty:               |                                                                                               |                            |                  | Lot:               | 025             |
| Depth to Bedrock:                 |                                                                                               |                            |                  | Concession:        | 01              |
| Well Depth:                       |                                                                                               |                            |                  | Concession Name:   | OF              |
| Overburden/Bedrock:               |                                                                                               |                            |                  | Easting NAD83:     |                 |
| Pump Rate:                        |                                                                                               |                            |                  | Northing NAD83:    |                 |
| Static Water Level:               |                                                                                               |                            |                  | Zone:              |                 |
| Clear/Cloudy:                     |                                                                                               |                            |                  | UTM Reliability:   |                 |
| Municipality:                     |                                                                                               | OTTAWA CITY (NEPEAN)       |                  |                    |                 |
| Site Info:                        |                                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| PDF URL (Map):                    | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503898.pdf |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| <u>Additional Detail(s) (Map)</u> |                                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| Well Completed Date:              | 05/15/1949                                                                                    |                            |                  |                    |                 |
| Year Completed:                   | 1949                                                                                          |                            |                  |                    |                 |
| Depth (m):                        | 21.9456                                                                                       |                            |                  |                    |                 |
| Latitude:                         | 45.3750019223833                                                                              |                            |                  |                    |                 |
| Longitude:                        | -75.7752199251988                                                                             |                            |                  |                    |                 |
| X:                                | -75.77521976316507                                                                            |                            |                  |                    |                 |
| Y:                                | 45.37500191544343                                                                             |                            |                  |                    |                 |
| Path:                             | 150\1503898.pdf                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| <u>Bore Hole Information</u>      |                                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| Bore Hole ID:                     | 10025941                                                                                      |                            |                  | Elevation:         |                 |
| DP2BR:                            |                                                                                               |                            |                  | Elevrc:            |                 |
| Spatial Status:                   |                                                                                               |                            |                  | Zone:              | 18              |
| Code OB:                          |                                                                                               |                            |                  | East83:            | 439300.70       |
| Code OB Desc:                     |                                                                                               |                            |                  | North83:           | 5024902.00      |
| Open Hole:                        |                                                                                               |                            |                  | Org CS:            |                 |
| Cluster Kind:                     |                                                                                               |                            |                  | UTMRC:             | 9               |
| Date Completed:                   | 05/15/1949                                                                                    |                            |                  | UTMRC Desc:        | unknown UTM     |
| Remarks:                          |                                                                                               |                            |                  | Location Method:   | p9              |
| Location Method Desc:             | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                            |                  |                    |                 |
| Elevrc Desc:                      |                                                                                               |                            |                  |                    |                 |
| Location Source Date:             |                                                                                               |                            |                  |                    |                 |
| Improvement Location Source:      |                                                                                               |                            |                  |                    |                 |
| Improvement Location Method:      |                                                                                               |                            |                  |                    |                 |
| Source Revision Comment:          |                                                                                               |                            |                  |                    |                 |
| Supplier Comment:                 |                                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| <u>Overburden and Bedrock</u>     |                                                                                               |                            |                  |                    |                 |
| <u>Materials Interval</u>         |                                                                                               |                            |                  |                    |                 |
| <hr/>                             |                                                                                               |                            |                  |                    |                 |
| Formation ID:                     | 930997837                                                                                     |                            |                  |                    |                 |
| Layer:                            | 3                                                                                             |                            |                  |                    |                 |
| Color:                            |                                                                                               |                            |                  |                    |                 |
| General Color:                    |                                                                                               |                            |                  |                    |                 |
| Material 1:                       | 15                                                                                            |                            |                  |                    |                 |
| Material 1 Desc:                  | LIMESTONE                                                                                     |                            |                  |                    |                 |
| Material 2:                       |                                                                                               |                            |                  |                    |                 |



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Material 2 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Material 3:</b>                              |                      |                            |                  |      |    |
| <b>Material 3 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Formation Top Depth:</b>                     |                      | 10.0                       |                  |      |    |
| <b>Formation End Depth:</b>                     |                      | 72.0                       |                  |      |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock</u></b>            |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>                |                      |                            |                  |      |    |
| <b>Formation ID:</b>                            |                      | 930997836                  |                  |      |    |
| <b>Layer:</b>                                   |                      | 2                          |                  |      |    |
| <b>Color:</b>                                   |                      |                            |                  |      |    |
| <b>General Color:</b>                           |                      |                            |                  |      |    |
| <b>Material 1:</b>                              |                      | 17                         |                  |      |    |
| <b>Material 1 Desc:</b>                         |                      | SHALE                      |                  |      |    |
| <b>Material 2:</b>                              |                      |                            |                  |      |    |
| <b>Material 2 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Material 3:</b>                              |                      |                            |                  |      |    |
| <b>Material 3 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Formation Top Depth:</b>                     |                      | 1.0                        |                  |      |    |
| <b>Formation End Depth:</b>                     |                      | 10.0                       |                  |      |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock</u></b>            |                      |                            |                  |      |    |
| <b><u>Materials Interval</u></b>                |                      |                            |                  |      |    |
| <b>Formation ID:</b>                            |                      | 930997835                  |                  |      |    |
| <b>Layer:</b>                                   |                      | 1                          |                  |      |    |
| <b>Color:</b>                                   |                      |                            |                  |      |    |
| <b>General Color:</b>                           |                      |                            |                  |      |    |
| <b>Material 1:</b>                              |                      | 02                         |                  |      |    |
| <b>Material 1 Desc:</b>                         |                      | TOPSOIL                    |                  |      |    |
| <b>Material 2:</b>                              |                      |                            |                  |      |    |
| <b>Material 2 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Material 3:</b>                              |                      |                            |                  |      |    |
| <b>Material 3 Desc:</b>                         |                      |                            |                  |      |    |
| <b>Formation Top Depth:</b>                     |                      | 0.0                        |                  |      |    |
| <b>Formation End Depth:</b>                     |                      | 1.0                        |                  |      |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well</u></b> |                      |                            |                  |      |    |
| <b><u>Use</u></b>                               |                      |                            |                  |      |    |
| <b>Method Construction ID:</b>                  |                      | 961503898                  |                  |      |    |
| <b>Method Construction Code:</b>                |                      | 1                          |                  |      |    |
| <b>Method Construction:</b>                     |                      | Cable Tool                 |                  |      |    |
| <b>Other Method Construction:</b>               |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                  |                      |                            |                  |      |    |
| <b>Pipe ID:</b>                                 |                      | 10574511                   |                  |      |    |
| <b>Casing No:</b>                               |                      | 1                          |                  |      |    |
| <b>Comment:</b>                                 |                      |                            |                  |      |    |
| <b>Alt Name:</b>                                |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>      |                      |                            |                  |      |    |
| <b>Casing ID:</b>                               |                      | 930044630                  |                  |      |    |
| <b>Layer:</b>                                   |                      | 1                          |                  |      |    |
| <b>Material:</b>                                |                      | 1                          |                  |      |    |
| <b>Open Hole or Material:</b>                   |                      | STEEL                      |                  |      |    |



| <b>Map Key</b>                              | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Depth From:</b>                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                            |                              | 8.0                                |                          |             |           |
| <b>Casing Diameter:</b>                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                              | 930044631                          |                          |             |           |
| <b>Layer:</b>                               |                              | 2                                  |                          |             |           |
| <b>Material:</b>                            |                              |                                    |                          |             |           |
| <b>Open Hole or Material:</b>               |                              |                                    |                          |             |           |
| <b>Depth From:</b>                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                            |                              | 10.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                              | 930044632                          |                          |             |           |
| <b>Layer:</b>                               |                              | 3                                  |                          |             |           |
| <b>Material:</b>                            |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                            |                              | 72.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                              | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b> |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>            |                              |                                    |                          |             |           |
| <b>Pump Test ID:</b>                        |                              | 991503898                          |                          |             |           |
| <b>Pump Set At:</b>                         |                              |                                    |                          |             |           |
| <b>Static Level:</b>                        |                              | 12.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>           |                              |                                    |                          |             |           |
| <b>Recommended Pump Depth:</b>              |                              |                                    |                          |             |           |
| <b>Pumping Rate:</b>                        |                              |                                    |                          |             |           |
| <b>Flowing Rate:</b>                        |                              |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>               |                              |                                    |                          |             |           |
| <b>Levels UOM:</b>                          |                              | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                            |                              | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>         |                              |                                    |                          |             |           |
| <b>Water State After Test:</b>              |                              |                                    |                          |             |           |
| <b>Pumping Test Method:</b>                 |                              |                                    |                          |             |           |
| <b>Pumping Duration HR:</b>                 |                              |                                    |                          |             |           |
| <b>Pumping Duration MIN:</b>                |                              |                                    |                          |             |           |
| <b>Flowing:</b>                             |                              | No                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                            |                              | 933456919                          |                          |             |           |
| <b>Layer:</b>                               |                              | 3                                  |                          |             |           |
| <b>Kind Code:</b>                           |                              | 1                                  |                          |             |           |
| <b>Kind:</b>                                |                              | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                   |                              | 70.0                               |                          |             |           |
| <b>Water Found Depth UOM:</b>               |                              | ft                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                            |                              | 933456918                          |                          |             |           |



| Map Key                           | Number of<br>Records                                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB              |
|-----------------------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------------|--------------------|-----------------|
| Layer:                            |                                                                                               | 2                          |                  |                    |                 |
| Kind Code:                        |                                                                                               | 1                          |                  |                    |                 |
| Kind:                             |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:                |                                                                                               | 54.0                       |                  |                    |                 |
| Water Found Depth UOM:            |                                                                                               | ft                         |                  |                    |                 |
| <u>Water Details</u>              |                                                                                               |                            |                  |                    |                 |
| Water ID:                         |                                                                                               | 933456917                  |                  |                    |                 |
| Layer:                            |                                                                                               | 1                          |                  |                    |                 |
| Kind Code:                        |                                                                                               | 1                          |                  |                    |                 |
| Kind:                             |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:                |                                                                                               | 40.0                       |                  |                    |                 |
| Water Found Depth UOM:            |                                                                                               | ft                         |                  |                    |                 |
|                                   |                                                                                               |                            |                  |                    |                 |
| <a href="#">64</a>                | 1 of 1                                                                                        | WNW/192.4                  | 57.7 / -6.54     | ON                 | WWIS            |
| Well ID:                          | 1508934                                                                                       |                            |                  | Flowing (Y/N):     |                 |
| Construction Date:                |                                                                                               |                            |                  | Flow Rate:         |                 |
| Use 1st:                          | Domestic                                                                                      |                            |                  | Data Entry Status: |                 |
| Use 2nd:                          | 0                                                                                             |                            |                  | Data Src:          | 1               |
| Final Well Status:                | Water Supply                                                                                  |                            |                  | Date Received:     | 06/09/1954      |
| Water Type:                       |                                                                                               |                            |                  | Selected Flag:     | TRUE            |
| Casing Material:                  |                                                                                               |                            |                  | Abandonment Rec:   |                 |
| Audit No:                         |                                                                                               |                            |                  | Contractor:        | 3566            |
| Tag:                              |                                                                                               |                            |                  | Form Version:      | 1               |
| Constructn Method:                |                                                                                               |                            |                  | Owner:             |                 |
| Elevation (m):                    |                                                                                               |                            |                  | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty:               |                                                                                               |                            |                  | Lot:               |                 |
| Depth to Bedrock:                 |                                                                                               |                            |                  | Concession:        |                 |
| Well Depth:                       |                                                                                               |                            |                  | Concession Name:   |                 |
| Overburden/Bedrock:               |                                                                                               |                            |                  | Easting NAD83:     |                 |
| Pump Rate:                        |                                                                                               |                            |                  | Northing NAD83:    |                 |
| Static Water Level:               |                                                                                               |                            |                  | Zone:              |                 |
| Clear/Cloudy:                     |                                                                                               |                            |                  | UTM Reliability:   |                 |
| Municipality:                     | OTTAWA CITY                                                                                   |                            |                  |                    |                 |
| Site Info:                        |                                                                                               |                            |                  |                    |                 |
| PDF URL (Map):                    | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508934.pdf |                            |                  |                    |                 |
| <u>Additional Detail(s) (Map)</u> |                                                                                               |                            |                  |                    |                 |
| Well Completed Date:              | 01/30/1954                                                                                    |                            |                  |                    |                 |
| Year Completed:                   | 1954                                                                                          |                            |                  |                    |                 |
| Depth (m):                        | 22.86                                                                                         |                            |                  |                    |                 |
| Latitude:                         | 45.3753197270863                                                                              |                            |                  |                    |                 |
| Longitude:                        | -75.7814197519533                                                                             |                            |                  |                    |                 |
| X:                                | -75.78141959001869                                                                            |                            |                  |                    |                 |
| Y:                                | 45.37531972038001                                                                             |                            |                  |                    |                 |
| Path:                             | 150\1508934.pdf                                                                               |                            |                  |                    |                 |
| <u>Bore Hole Information</u>      |                                                                                               |                            |                  |                    |                 |
| Bore Hole ID:                     | 10030968                                                                                      |                            |                  | Elevation:         |                 |
| DP2BR:                            |                                                                                               |                            |                  | Elevrc:            |                 |
| Spatial Status:                   |                                                                                               |                            |                  | Zone:              | 18              |
| Code OB:                          |                                                                                               |                            |                  | East83:            | 438815.60       |
| Code OB Desc:                     |                                                                                               |                            |                  | North83:           | 5024942.00      |
| Open Hole:                        |                                                                                               |                            |                  | Org CS:            |                 |
| Cluster Kind:                     |                                                                                               |                            |                  | UTMRC:             | 9               |
| Date Completed:                   | 01/30/1954                                                                                    |                            |                  | UTMRC Desc:        | unknown UTM     |



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site                    | DB |
|-------------------------------------------------|----------------------|----------------------------------------------|------------------|-------------------------|----|
| <hr/>                                           |                      |                                              |                  |                         |    |
| <b>Remarks:</b>                                 |                      |                                              |                  | <b>Location Method:</b> | p9 |
| <b>Location Method Desc:</b>                    |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                         |    |
| <b>Elevrc Desc:</b>                             |                      |                                              |                  |                         |    |
| <b>Location Source Date:</b>                    |                      |                                              |                  |                         |    |
| <b>Improvement Location Source:</b>             |                      |                                              |                  |                         |    |
| <b>Improvement Location Method:</b>             |                      |                                              |                  |                         |    |
| <b>Source Revision Comment:</b>                 |                      |                                              |                  |                         |    |
| <b>Supplier Comment:</b>                        |                      |                                              |                  |                         |    |
| <br>                                            |                      |                                              |                  |                         |    |
| <u><b>Overburden and Bedrock</b></u>            |                      |                                              |                  |                         |    |
| <u><b>Materials Interval</b></u>                |                      |                                              |                  |                         |    |
| <b>Formation ID:</b>                            |                      | 931010996                                    |                  |                         |    |
| <b>Layer:</b>                                   |                      | 3                                            |                  |                         |    |
| <b>Color:</b>                                   |                      |                                              |                  |                         |    |
| <b>General Color:</b>                           |                      |                                              |                  |                         |    |
| <b>Material 1:</b>                              |                      | 15                                           |                  |                         |    |
| <b>Material 1 Desc:</b>                         |                      | LIMESTONE                                    |                  |                         |    |
| <b>Material 2:</b>                              |                      |                                              |                  |                         |    |
| <b>Material 2 Desc:</b>                         |                      |                                              |                  |                         |    |
| <b>Material 3:</b>                              |                      |                                              |                  |                         |    |
| <b>Material 3 Desc:</b>                         |                      |                                              |                  |                         |    |
| <b>Formation Top Depth:</b>                     |                      | 13.0                                         |                  |                         |    |
| <b>Formation End Depth:</b>                     |                      | 75.0                                         |                  |                         |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                                           |                  |                         |    |
| <br>                                            |                      |                                              |                  |                         |    |
| <u><b>Overburden and Bedrock</b></u>            |                      |                                              |                  |                         |    |
| <u><b>Materials Interval</b></u>                |                      |                                              |                  |                         |    |
| <b>Formation ID:</b>                            |                      | 931010995                                    |                  |                         |    |
| <b>Layer:</b>                                   |                      | 2                                            |                  |                         |    |
| <b>Color:</b>                                   |                      |                                              |                  |                         |    |
| <b>General Color:</b>                           |                      |                                              |                  |                         |    |
| <b>Material 1:</b>                              |                      | 05                                           |                  |                         |    |
| <b>Material 1 Desc:</b>                         |                      | CLAY                                         |                  |                         |    |
| <b>Material 2:</b>                              |                      | 13                                           |                  |                         |    |
| <b>Material 2 Desc:</b>                         |                      | BOULDERS                                     |                  |                         |    |
| <b>Material 3:</b>                              |                      |                                              |                  |                         |    |
| <b>Material 3 Desc:</b>                         |                      |                                              |                  |                         |    |
| <b>Formation Top Depth:</b>                     |                      | 5.0                                          |                  |                         |    |
| <b>Formation End Depth:</b>                     |                      | 13.0                                         |                  |                         |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                                           |                  |                         |    |
| <br>                                            |                      |                                              |                  |                         |    |
| <u><b>Overburden and Bedrock</b></u>            |                      |                                              |                  |                         |    |
| <u><b>Materials Interval</b></u>                |                      |                                              |                  |                         |    |
| <b>Formation ID:</b>                            |                      | 931010994                                    |                  |                         |    |
| <b>Layer:</b>                                   |                      | 1                                            |                  |                         |    |
| <b>Color:</b>                                   |                      |                                              |                  |                         |    |
| <b>General Color:</b>                           |                      |                                              |                  |                         |    |
| <b>Material 1:</b>                              |                      | 09                                           |                  |                         |    |
| <b>Material 1 Desc:</b>                         |                      | MEDIUM SAND                                  |                  |                         |    |
| <b>Material 2:</b>                              |                      |                                              |                  |                         |    |
| <b>Material 2 Desc:</b>                         |                      |                                              |                  |                         |    |
| <b>Material 3:</b>                              |                      |                                              |                  |                         |    |
| <b>Material 3 Desc:</b>                         |                      |                                              |                  |                         |    |
| <b>Formation Top Depth:</b>                     |                      | 0.0                                          |                  |                         |    |
| <b>Formation End Depth:</b>                     |                      | 5.0                                          |                  |                         |    |
| <b>Formation End Depth UOM:</b>                 |                      | ft                                           |                  |                         |    |
| <br>                                            |                      |                                              |                  |                         |    |
| <u><b>Method of Construction &amp; Well</b></u> |                      |                                              |                  |                         |    |
| <u><b>Use</b></u>                               |                      |                                              |                  |                         |    |



| <b>Map Key</b>                                  | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <hr/>                                           |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                  |                              | 961508934                          |                          |             |           |
| <b>Method Construction Code:</b>                |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                     |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>               |                              |                                    |                          |             |           |
| <br><b><u>Pipe Information</u></b>              |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                 |                              | 10579538                           |                          |             |           |
| <b>Casing No:</b>                               |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                 |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                |                              |                                    |                          |             |           |
| <br><b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                              | 930054566                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                              |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                |                              | 20.0                               |                          |             |           |
| <b>Casing Diameter:</b>                         |                              | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                     |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                        |                              | ft                                 |                          |             |           |
| <br><b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                              | 930054567                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                              |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                |                              | 75.0                               |                          |             |           |
| <b>Casing Diameter:</b>                         |                              | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                     |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                        |                              | ft                                 |                          |             |           |
| <br><b><u>Results of Well Yield Testing</u></b> |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                |                              | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                            |                              | 991508934                          |                          |             |           |
| <b>Pump Set At:</b>                             |                              |                                    |                          |             |           |
| <b>Static Level:</b>                            |                              | 11.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>               |                              | 13.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>                  |                              |                                    |                          |             |           |
| <b>Pumping Rate:</b>                            |                              | 5.0                                |                          |             |           |
| <b>Flowing Rate:</b>                            |                              |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>                   |                              |                                    |                          |             |           |
| <b>Levels UOM:</b>                              |                              | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                                |                              | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>             |                              | 1                                  |                          |             |           |
| <b>Water State After Test:</b>                  |                              | CLEAR                              |                          |             |           |
| <b>Pumping Test Method:</b>                     |                              | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                     |                              | 1                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                    |                              | 0                                  |                          |             |           |
| <b>Flowing:</b>                                 |                              | No                                 |                          |             |           |
| <br><b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                                |                              | 933463647                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Kind Code:</b>                               |                              | 1                                  |                          |             |           |



| Map Key                         | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)    | Site | DB             |
|---------------------------------|----------------------|----------------------------|---------------------|------|----------------|
| Kind:                           |                      | FRESH                      |                     |      |                |
| Water Found Depth:              |                      | 65.0                       |                     |      |                |
| Water Found Depth UOM:          |                      | ft                         |                     |      |                |
| <u>Water Details</u>            |                      |                            |                     |      |                |
| Water ID:                       |                      | 933463648                  |                     |      |                |
| Layer:                          |                      | 2                          |                     |      |                |
| Kind Code:                      |                      | 1                          |                     |      |                |
| Kind:                           |                      | FRESH                      |                     |      |                |
| Water Found Depth:              |                      | 75.0                       |                     |      |                |
| Water Found Depth UOM:          |                      | ft                         |                     |      |                |
| <a href="#">65</a>              | 1 of 1               | SSW/198.8                  | 64.6 / 0.38         | ON   | BORE           |
| Borehole ID:                    |                      | 611010                     | Inclin FLG:         |      | No             |
| OGF ID:                         |                      | 215512519                  | SP Status:          |      | Initial Entry  |
| Status:                         |                      |                            | Surv Elev:          |      | No             |
| Type:                           |                      | Borehole                   | Piezometer:         |      | No             |
| Use:                            |                      |                            | Primary Name:       |      |                |
| Completion Date:                |                      |                            | Municipality:       |      |                |
| Static Water Level:             |                      |                            | Lot:                |      |                |
| Primary Water Use:              |                      |                            | Township:           |      |                |
| Sec. Water Use:                 |                      |                            | Latitude DD:        |      | 45.372451      |
| Total Depth m:                  |                      | -999                       | Longitude DD:       |      | -75.779911     |
| Depth Ref:                      |                      | Ground Surface             | UTM Zone:           |      | 18             |
| Depth Elev:                     |                      |                            | Easting:            |      | 438931         |
| Drill Method:                   |                      |                            | Northing:           |      | 5024622        |
| Orig Ground Elev m:             |                      | 65.5                       | Location Accuracy:  |      |                |
| Elev Reliabil Note:             |                      |                            | Accuracy:           |      | Not Applicable |
| DEM Ground Elev m:              |                      | 66.8                       |                     |      |                |
| Concession:                     |                      |                            |                     |      |                |
| Location D:                     |                      |                            |                     |      |                |
| Survey D:                       |                      |                            |                     |      |                |
| Comments:                       |                      |                            |                     |      |                |
| <u>Borehole Geology Stratum</u> |                      |                            |                     |      |                |
| Geology Stratum ID:             |                      | 218387214                  | Mat Consistency:    |      |                |
| Top Depth:                      |                      | 7.6                        | Material Moisture:  |      |                |
| Bottom Depth:                   |                      | 10.7                       | Material Texture:   |      |                |
| Material Color:                 |                      |                            | Non Geo Mat Type:   |      |                |
| Material 1:                     |                      | Sand                       | Geologic Formation: |      |                |
| Material 2:                     |                      |                            | Geologic Group:     |      |                |
| Material 3:                     |                      |                            | Geologic Period:    |      |                |
| Material 4:                     |                      |                            | Depositional Gen:   |      |                |
| Gsc Material Description:       |                      |                            |                     |      |                |
| Stratum Description:            |                      | SAND.                      |                     |      |                |
| Geology Stratum ID:             |                      | 218387215                  | Mat Consistency:    |      |                |
| Top Depth:                      |                      | 10.7                       | Material Moisture:  |      |                |
| Bottom Depth:                   |                      | 12.2                       | Material Texture:   |      |                |
| Material Color:                 |                      |                            | Non Geo Mat Type:   |      |                |
| Material 1:                     |                      | Gravel                     | Geologic Formation: |      |                |
| Material 2:                     |                      |                            | Geologic Group:     |      |                |
| Material 3:                     |                      |                            | Geologic Period:    |      |                |
| Material 4:                     |                      |                            | Depositional Gen:   |      |                |
| Gsc Material Description:       |                      |                            |                     |      |                |
| Stratum Description:            |                      | GRAVEL.                    |                     |      |                |
| Geology Stratum ID:             |                      | 218387213                  | Mat Consistency:    |      |                |
| Top Depth:                      |                      | 0                          | Material Moisture:  |      |                |



| Map Key                                                                                                                                                                                                                                                      | Number of Records                                                                                                            | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site                                                                                                                                                                                                                        | DB                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                    | 7.6<br>Grey<br>Clay                                                                                                          |                            |                    | <b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b>                                                         |                                                                   |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> | 218387217<br>18.3<br><br>Red<br>Bedrock<br>Limestone                                                                         | CLAY. GREY.                |                    | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> | Dense                                                             |
| BEDROCK,LIMESTONE. 35RED,VERY DENSE. BEDROCK,DOLOMITE. BEDROCK,DOLOMITE. 00010 030 0<br>**Note: Many records provided by the department have a truncated [Stratum Description] field.                                                                        |                                                                                                                              |                            |                    |                                                                                                                                                                                                                             |                                                                   |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> | 218387216<br>12.2<br>18.3<br>Blue<br>Bedrock<br>Shale                                                                        |                            |                    | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> |                                                                   |
| BEDROCK,SHALE. BLUE.                                                                                                                                                                                                                                         |                                                                                                                              |                            |                    |                                                                                                                                                                                                                             |                                                                   |
| <b>Source</b>                                                                                                                                                                                                                                                |                                                                                                                              |                            |                    |                                                                                                                                                                                                                             |                                                                   |
| <b>Source Type:</b><br><b>Source Orig:</b><br><b>Source Date:</b><br><b>Confidence:</b><br><b>Observatio:</b><br><b>Source Name:</b><br><b>Source Details:</b><br><b>Confiden 1:</b>                                                                         | Data Survey<br>Geological Survey of Canada<br>1956-1972<br>H                                                                 |                            |                    | <b>Source Appl:</b><br><b>Source Ident:</b><br><b>Scale or Res:</b><br><b>Horizontal:</b><br><b>Verticalda:</b>                                                                                                             | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level |
| Urban Geology Automated Information System (UGAIS)<br>File: OTTAWA1.txt RecordID: 035180 NTS_Sheet: 31G05C<br>Logged by professional. Exact and complete description of material and properties.                                                             |                                                                                                                              |                            |                    |                                                                                                                                                                                                                             |                                                                   |
| <b>Source List</b>                                                                                                                                                                                                                                           |                                                                                                                              |                            |                    |                                                                                                                                                                                                                             |                                                                   |
| <b>Source Identifier:</b><br><b>Source Type:</b><br><b>Source Date:</b><br><b>Scale or Resolution:</b><br><b>Source Name:</b><br><b>Source Originators:</b>                                                                                                  | 1<br>Data Survey<br>1956-1972<br>Varies<br>Urban Geology Automated Information System (UGAIS)<br>Geological Survey of Canada |                            |                    | <b>Horizontal Datum:</b><br><b>Vertical Datum:</b><br><b>Projection Name:</b>                                                                                                                                               | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator  |
| <b>66</b>                                                                                                                                                                                                                                                    | <b>1 of 1</b>                                                                                                                | <b>SSE/201.7</b>           | <b>69.9 / 5.64</b> | <b>243 New Orchard Avenue<br/>Ottawa ON K2B</b>                                                                                                                                                                             | <b>EHS</b>                                                        |
| <b>Order No:</b><br><b>Status:</b><br><b>Report Type:</b><br><b>Report Date:</b><br><b>Date Received:</b><br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>                                                      | 21052000322<br>C<br>Custom Report<br>23-JUN-21<br>20-MAY-21<br><br>Title Searches; Topographic Maps                          |                            |                    | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b><br><b>Search Radius (km):</b><br><b>X:</b><br><b>Y:</b>                                                                                   | <br>ON<br>.25<br>-75.777869<br>45.3724004                         |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|------|
| <a href="#">67</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 of 1            | W/208.8                    | 57.9 / -6.39     | ON   | BORE |
| <div> <div> <b>Borehole ID:</b> 611025<br/> <b>OGF ID:</b> 215512534<br/> <b>Status:</b><br/> <b>Type:</b> Borehole<br/> <b>Use:</b><br/> <b>Completion Date:</b> DEC-1963<br/> <b>Static Water Level:</b><br/> <b>Primary Water Use:</b><br/> <b>Sec. Water Use:</b><br/> <b>Total Depth m:</b> -999<br/> <b>Depth Ref:</b> Ground Surface<br/> <b>Depth Elev:</b><br/> <b>Drill Method:</b><br/> <b>Orig Ground Elev m:</b> 56.9<br/> <b>Elev Reliabil Note:</b><br/> <b>DEM Ground Elev m:</b> 60.1<br/> <b>Concession:</b><br/> <b>Location D:</b><br/> <b>Survey D:</b><br/> <b>Comments:</b> </div> <div> <b>Inclin FLG:</b> No<br/> <b>SP Status:</b> Initial Entry<br/> <b>Surv Elev:</b> No<br/> <b>Piezometer:</b> No<br/> <b>Primary Name:</b><br/> <b>Municipality:</b><br/> <b>Lot:</b><br/> <b>Township:</b><br/> <b>Latitude DD:</b> 45.375139<br/> <b>Longitude DD:</b> -75.781736<br/> <b>UTM Zone:</b> 18<br/> <b>Easting:</b> 438791<br/> <b>Northing:</b> 5024922<br/> <b>Location Accuracy:</b><br/> <b>Accuracy:</b> Not Applicable </div> </div> |                   |                            |                  |      |      |
| <b><u>Borehole Geology Stratum</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387270<br/> <b>Top Depth:</b> 5.1<br/> <b>Bottom Depth:</b><br/> <b>Material Color:</b> Brown<br/> <b>Material 1:</b> Till<br/> <b>Material 2:</b> Boulders<br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. SILT,SAND,TILL. GREY,D **Note: Many records provided by the department have a truncated [Stratum Description] field. </div> <div> <b>Mat Consistency:</b> Compact<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b> Coarse<br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> </div> </div>                                                                                                                                                                                                                                                              |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387268<br/> <b>Top Depth:</b> 0<br/> <b>Bottom Depth:</b> 1.5<br/> <b>Material Color:</b><br/> <b>Material 1:</b> Fill<br/> <b>Material 2:</b><br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> FILL. </div> <div> <b>Mat Consistency:</b><br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b><br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> fill </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                            |                  |      |      |
| <div> <div> <b>Geology Stratum ID:</b> 218387269<br/> <b>Top Depth:</b> 1.5<br/> <b>Bottom Depth:</b> 5.1<br/> <b>Material Color:</b><br/> <b>Material 1:</b> Sand<br/> <b>Material 2:</b> Silt<br/> <b>Material 3:</b><br/> <b>Material 4:</b><br/> <b>Gsc Material Description:</b><br/> <b>Stratum Description:</b> SAND,SILT. COMPACT. </div> <div> <b>Mat Consistency:</b> Compact<br/> <b>Material Moisture:</b><br/> <b>Material Texture:</b><br/> <b>Non Geo Mat Type:</b><br/> <b>Geologic Formation:</b><br/> <b>Geologic Group:</b><br/> <b>Geologic Period:</b><br/> <b>Depositional Gen:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                            |                  |      |      |

#### Source







| Map Key                                      | Number of<br>Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site             | DB          |
|----------------------------------------------|----------------------|----------------------------------------------|------------------|------------------|-------------|
| <hr/>                                        |                      |                                              |                  |                  |             |
| Code OB Desc:                                |                      |                                              |                  | North83:         | 5025152.00  |
| Open Hole:                                   |                      |                                              |                  | Org CS:          |             |
| Cluster Kind:                                |                      |                                              |                  | UTMRC:           | 9           |
| Date Completed:                              | 08/01/1953           |                                              |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                     |                      |                                              |                  | Location Method: | p9          |
| Location Method Desc:                        |                      | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                  |             |
| Elevrc Desc:                                 |                      |                                              |                  |                  |             |
| Location Source Date:                        |                      |                                              |                  |                  |             |
| Improvement Location Source:                 |                      |                                              |                  |                  |             |
| Improvement Location Method:                 |                      |                                              |                  |                  |             |
| Source Revision Comment:                     |                      |                                              |                  |                  |             |
| Supplier Comment:                            |                      |                                              |                  |                  |             |
| <br><u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                    |                      |                                              |                  |                  |             |
| Formation ID:                                |                      | 931010778                                    |                  |                  |             |
| Layer:                                       |                      | 1                                            |                  |                  |             |
| Color:                                       |                      |                                              |                  |                  |             |
| General Color:                               |                      |                                              |                  |                  |             |
| Material 1:                                  |                      | 09                                           |                  |                  |             |
| Material 1 Desc:                             |                      | MEDIUM SAND                                  |                  |                  |             |
| Material 2:                                  |                      | 12                                           |                  |                  |             |
| Material 2 Desc:                             |                      | STONES                                       |                  |                  |             |
| Material 3:                                  |                      |                                              |                  |                  |             |
| Material 3 Desc:                             |                      |                                              |                  |                  |             |
| Formation Top Depth:                         |                      | 0.0                                          |                  |                  |             |
| Formation End Depth:                         |                      | 20.0                                         |                  |                  |             |
| Formation End Depth UOM:                     |                      | ft                                           |                  |                  |             |
| <br><u>Overburden and Bedrock</u>            |                      |                                              |                  |                  |             |
| <u>Materials Interval</u>                    |                      |                                              |                  |                  |             |
| Formation ID:                                |                      | 931010779                                    |                  |                  |             |
| Layer:                                       |                      | 2                                            |                  |                  |             |
| Color:                                       |                      |                                              |                  |                  |             |
| General Color:                               |                      |                                              |                  |                  |             |
| Material 1:                                  |                      | 26                                           |                  |                  |             |
| Material 1 Desc:                             |                      | ROCK                                         |                  |                  |             |
| Material 2:                                  |                      |                                              |                  |                  |             |
| Material 2 Desc:                             |                      |                                              |                  |                  |             |
| Material 3:                                  |                      |                                              |                  |                  |             |
| Material 3 Desc:                             |                      |                                              |                  |                  |             |
| Formation Top Depth:                         |                      | 20.0                                         |                  |                  |             |
| Formation End Depth:                         |                      | 65.0                                         |                  |                  |             |
| Formation End Depth UOM:                     |                      | ft                                           |                  |                  |             |
| <br><u>Method of Construction &amp; Well</u> |                      |                                              |                  |                  |             |
| <u>Use</u>                                   |                      |                                              |                  |                  |             |
| Method Construction ID:                      |                      | 961508855                                    |                  |                  |             |
| Method Construction Code:                    |                      | 1                                            |                  |                  |             |
| Method Construction:                         |                      | Cable Tool                                   |                  |                  |             |
| Other Method Construction:                   |                      |                                              |                  |                  |             |
| <br><u>Pipe Information</u>                  |                      |                                              |                  |                  |             |
| Pipe ID:                                     |                      | 10579459                                     |                  |                  |             |
| Casing No:                                   |                      | 1                                            |                  |                  |             |
| Comment:                                     |                      |                                              |                  |                  |             |
| Alt Name:                                    |                      |                                              |                  |                  |             |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site          | DB            |
|---------------------------------------------|----------------------|----------------------------|------------------|---------------|---------------|
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |               |               |
| Casing ID:                                  |                      | 930054410                  |                  |               |               |
| Layer:                                      |                      | 2                          |                  |               |               |
| Material:                                   |                      | 4                          |                  |               |               |
| Open Hole or Material:                      |                      | OPEN HOLE                  |                  |               |               |
| Depth From:                                 |                      |                            |                  |               |               |
| Depth To:                                   |                      | 65.0                       |                  |               |               |
| Casing Diameter:                            |                      | 4.0                        |                  |               |               |
| Casing Diameter UOM:                        |                      | inch                       |                  |               |               |
| Casing Depth UOM:                           |                      | ft                         |                  |               |               |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |               |               |
| Casing ID:                                  |                      | 930054409                  |                  |               |               |
| Layer:                                      |                      | 1                          |                  |               |               |
| Material:                                   |                      | 1                          |                  |               |               |
| Open Hole or Material:                      |                      | STEEL                      |                  |               |               |
| Depth From:                                 |                      |                            |                  |               |               |
| Depth To:                                   |                      | 30.0                       |                  |               |               |
| Casing Diameter:                            |                      | 4.0                        |                  |               |               |
| Casing Diameter UOM:                        |                      | inch                       |                  |               |               |
| Casing Depth UOM:                           |                      | ft                         |                  |               |               |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |               |               |
| Pumping Test Method Desc:                   |                      | PUMP                       |                  |               |               |
| Pump Test ID:                               |                      | 991508855                  |                  |               |               |
| Pump Set At:                                |                      |                            |                  |               |               |
| Static Level:                               |                      | 10.0                       |                  |               |               |
| Final Level After Pumping:                  |                      | 14.0                       |                  |               |               |
| Recommended Pump Depth:                     |                      |                            |                  |               |               |
| Pumping Rate:                               |                      | 1.0                        |                  |               |               |
| Flowing Rate:                               |                      |                            |                  |               |               |
| Recommended Pump Rate:                      |                      |                            |                  |               |               |
| Levels UOM:                                 |                      | ft                         |                  |               |               |
| Rate UOM:                                   |                      | GPM                        |                  |               |               |
| Water State After Test Code:                |                      | 1                          |                  |               |               |
| Water State After Test:                     |                      | CLEAR                      |                  |               |               |
| Pumping Test Method:                        |                      | 1                          |                  |               |               |
| Pumping Duration HR:                        |                      | 0                          |                  |               |               |
| Pumping Duration MIN:                       |                      | 15                         |                  |               |               |
| Flowing:                                    |                      | No                         |                  |               |               |
| <b><u>Water Details</u></b>                 |                      |                            |                  |               |               |
| Water ID:                                   |                      | 933463551                  |                  |               |               |
| Layer:                                      |                      | 1                          |                  |               |               |
| Kind Code:                                  |                      | 1                          |                  |               |               |
| Kind:                                       |                      | FRESH                      |                  |               |               |
| Water Found Depth:                          |                      |                            |                  |               |               |
| Water Found Depth UOM:                      |                      | ft                         |                  |               |               |
| <a href="#">69</a>                          | 1 of 1               | S/211.0                    | 67.9 / 3.64      | ON            | BORE          |
| Borehole ID:                                | 611007               |                            |                  | Inclin FLG:   | No            |
| OGF ID:                                     | 215512516            |                            |                  | SP Status:    | Initial Entry |
| Status:                                     |                      |                            |                  | Surv Elev:    | No            |
| Type:                                       | Borehole             |                            |                  | Piezometer:   | No            |
| Use:                                        |                      |                            |                  | Primary Name: |               |
| Completion Date:                            |                      |                            |                  | Municipality: |               |



| Map Key                                                                                                                                                                                                                                                                                                                                                    | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                           | Elev/Diff<br>(m) | Site                                                                                                                                                                                                                        | DB                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Static Water Level:</b><br><b>Primary Water Use:</b><br><b>Sec. Water Use:</b><br><b>Total Depth m:</b><br><b>Depth Ref:</b><br><b>Depth Elev:</b><br><b>Drill Method:</b><br><b>Orig Ground Elev m:</b><br><b>Elev Reliabil Note:</b><br><b>DEM Ground Elev m:</b><br><b>Concession:</b><br><b>Location D:</b><br><b>Survey D:</b><br><b>Comments:</b> |                   | -999<br>Ground Surface                                                                                                                                                                                                                                               |                  | <b>Lot:</b><br><b>Township:</b><br><b>Latitude DD:</b><br><b>Longitude DD:</b><br><b>UTM Zone:</b><br><b>Easting:</b><br><b>Northing:</b><br><b>Location Accuracy:</b><br><b>Accuracy:</b>                                  | 45.372189<br>-75.778758<br>18<br>439021<br>5024592<br>Not Applicable |
| <b><u>Borehole Geology Stratum</u></b>                                                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                      |                  |                                                                                                                                                                                                                             |                                                                      |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                                                               |                   | 218387202<br>0<br>4.6<br>Grey<br>Clay<br><br><br><br><br>CLAY. GREY.                                                                                                                                                                                                 |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> |                                                                      |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                                                               |                   | 218387203<br>4.6<br>13.7<br><br>Sand<br><br><br><br>SAND.                                                                                                                                                                                                            |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> |                                                                      |
| <b>Geology Stratum ID:</b><br><b>Top Depth:</b><br><b>Bottom Depth:</b><br><b>Material Color:</b><br><b>Material 1:</b><br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b>                                                                                               |                   | 218387204<br>13.7<br><br>Grey<br>Bedrock<br>Limestone<br><br><br>BEDROCK,LIMESTONE. GREY. . NE. 0000001200060035RED,VERY DENSE. BEDROCK,DOLOMITE. BE                                                                                                                 |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> | Dense                                                                |
| **Note: Many records provided by the department have a truncated [Stratum Description] field.                                                                                                                                                                                                                                                              |                   |                                                                                                                                                                                                                                                                      |                  |                                                                                                                                                                                                                             |                                                                      |
| <b><u>Source</u></b>                                                                                                                                                                                                                                                                                                                                       |                   |                                                                                                                                                                                                                                                                      |                  |                                                                                                                                                                                                                             |                                                                      |
| <b>Source Type:</b><br><b>Source Orig:</b><br><b>Source Date:</b><br><b>Confidence:</b><br><b>Observatio:</b><br><b>Source Name:</b><br><b>Source Details:</b><br><b>Confiden 1:</b>                                                                                                                                                                       |                   | Data Survey<br>Geological Survey of Canada<br>1956-1972<br>H<br><br>Urban Geology Automated Information System (UGAIS)<br>File: OTTAWA1.txt RecordID: 035150 NTS_Sheet: 31G05C<br>Logged by professional. Exact and complete description of material and properties. |                  | <b>Source Appl:</b><br><b>Source Iden:</b><br><b>Scale or Res:</b><br><b>Horizontal:</b><br><b>Verticalda:</b>                                                                                                              | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level    |
| <b><u>Source List</u></b>                                                                                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                                      |                  |                                                                                                                                                                                                                             |                                                                      |



| Map Key              | Number of Records                                  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site              | DB                            |
|----------------------|----------------------------------------------------|----------------------------|------------------|-------------------|-------------------------------|
| Source Identifier:   | 1                                                  |                            |                  | Horizontal Datum: | NAD27                         |
| Source Type:         | Data Survey                                        |                            |                  | Vertical Datum:   | Mean Average Sea Level        |
| Source Date:         | 1956-1972                                          |                            |                  | Projection Name:  | Universal Transverse Mercator |
| Scale or Resolution: | Varies                                             |                            |                  |                   |                               |
| Source Name:         | Urban Geology Automated Information System (UGAIS) |                            |                  |                   |                               |
| Source Originators:  | Geological Survey of Canada                        |                            |                  |                   |                               |

|                     |              |           |               |                    |                 |
|---------------------|--------------|-----------|---------------|--------------------|-----------------|
| <a href="#">70</a>  | 1 of 1       | WNW/211.6 | 52.9 / -11.39 | ON                 | WWIS            |
| Well ID:            | 1508933      |           |               | Flowing (Y/N):     |                 |
| Construction Date:  |              |           |               | Flow Rate:         |                 |
| Use 1st:            | Domestic     |           |               | Data Entry Status: |                 |
| Use 2nd:            | 0            |           |               | Data Src:          | 1               |
| Final Well Status:  | Water Supply |           |               | Date Received:     | 06/22/1951      |
| Water Type:         |              |           |               | Selected Flag:     | TRUE            |
| Casing Material:    |              |           |               | Abandonment Rec:   |                 |
| Audit No:           |              |           |               | Contractor:        | 4832            |
| Tag:                |              |           |               | Form Version:      | 1               |
| Constructn Method:  |              |           |               | Owner:             |                 |
| Elevation (m):      |              |           |               | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty: |              |           |               | Lot:               |                 |
| Depth to Bedrock:   |              |           |               | Concession:        |                 |
| Well Depth:         |              |           |               | Concession Name:   |                 |
| Overburden/Bedrock: |              |           |               | Easting NAD83:     |                 |
| Pump Rate:          |              |           |               | Northing NAD83:    |                 |
| Static Water Level: |              |           |               | Zone:              |                 |
| Clear/Cloudy:       |              |           |               | UTM Reliability:   |                 |
| Municipality:       | OTTAWA CITY  |           |               |                    |                 |
| Site Info:          |              |           |               |                    |                 |

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508933.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508933.pdf)

#### Additional Detail(s) (Map)

Well Completed Date: 06/07/1951  
Year Completed: 1951  
Depth (m): 22.86  
Latitude: 45.3762232702655  
Longitude: -75.7809213264016  
X: -75.78092116436318  
Y: 45.37622326301376  
Path: 150\1508933.pdf

#### Bore Hole Information

Bore Hole ID: 10030967  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 06/07/1951  
Remarks:  
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 18  
East83: 438855.60  
North83: 5025042.00  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: p9



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931010992                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      | 17                         |                  |      |    |
| Material 2 Desc:                                            |                      | SHALE                      |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 14.0                       |                  |      |    |
| Formation End Depth:                                        |                      | 24.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931010991                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 09                         |                  |      |    |
| Material 1 Desc:                                            |                      | MEDIUM SAND                |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 14.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931010993                  |                  |      |    |
| Layer:                                                      |                      | 3                          |                  |      |    |
| Color:                                                      |                      | 2                          |                  |      |    |
| General Color:                                              |                      | GREY                       |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 24.0                       |                  |      |    |
| Formation End Depth:                                        |                      | 75.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961508933                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |



| <b>Map Key</b>                              | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Pipe ID:</b>                             |                              | 10579537                           |                          |             |           |
| <b>Casing No:</b>                           |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                             |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                            |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                              | 930054564                          |                          |             |           |
| <b>Layer:</b>                               |                              | 1                                  |                          |             |           |
| <b>Material:</b>                            |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                            |                              | 15.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                              | 930054565                          |                          |             |           |
| <b>Layer:</b>                               |                              | 2                                  |                          |             |           |
| <b>Material:</b>                            |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                            |                              | 75.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                              | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b> |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>            |                              | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                        |                              | 991508933                          |                          |             |           |
| <b>Pump Set At:</b>                         |                              |                                    |                          |             |           |
| <b>Static Level:</b>                        |                              | 8.0                                |                          |             |           |
| <b>Final Level After Pumping:</b>           |                              | 9.0                                |                          |             |           |
| <b>Recommended Pump Depth:</b>              |                              |                                    |                          |             |           |
| <b>Pumping Rate:</b>                        |                              | 7.0                                |                          |             |           |
| <b>Flowing Rate:</b>                        |                              |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>               |                              |                                    |                          |             |           |
| <b>Levels UOM:</b>                          |                              | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                            |                              | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>         |                              | 1                                  |                          |             |           |
| <b>Water State After Test:</b>              |                              | CLEAR                              |                          |             |           |
| <b>Pumping Test Method:</b>                 |                              | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                 |                              | 0                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                |                              | 10                                 |                          |             |           |
| <b>Flowing:</b>                             |                              | No                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                            |                              | 933463645                          |                          |             |           |
| <b>Layer:</b>                               |                              | 3                                  |                          |             |           |
| <b>Kind Code:</b>                           |                              | 1                                  |                          |             |           |
| <b>Kind:</b>                                |                              | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                   |                              | 68.0                               |                          |             |           |
| <b>Water Found Depth UOM:</b>               |                              | ft                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                            |                              | 933463646                          |                          |             |           |
| <b>Layer:</b>                               |                              | 4                                  |                          |             |           |



| Map Key                               | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB                 |
|---------------------------------------|-------------------|----------------------------|------------------|--------------------|--------------------|
| <hr/>                                 |                   |                            |                  |                    |                    |
| Kind Code:                            | 1                 |                            |                  |                    |                    |
| Kind:                                 | FRESH             |                            |                  |                    |                    |
| Water Found Depth:                    | 71.0              |                            |                  |                    |                    |
| Water Found Depth UOM:                | ft                |                            |                  |                    |                    |
| <br><u>Water Details</u>              |                   |                            |                  |                    |                    |
| Water ID:                             | 933463644         |                            |                  |                    |                    |
| Layer:                                | 2                 |                            |                  |                    |                    |
| Kind Code:                            | 1                 |                            |                  |                    |                    |
| Kind:                                 | FRESH             |                            |                  |                    |                    |
| Water Found Depth:                    | 42.0              |                            |                  |                    |                    |
| Water Found Depth UOM:                | ft                |                            |                  |                    |                    |
| <br><u>Water Details</u>              |                   |                            |                  |                    |                    |
| Water ID:                             | 933463643         |                            |                  |                    |                    |
| Layer:                                | 1                 |                            |                  |                    |                    |
| Kind Code:                            | 1                 |                            |                  |                    |                    |
| Kind:                                 | FRESH             |                            |                  |                    |                    |
| Water Found Depth:                    | 35.0              |                            |                  |                    |                    |
| Water Found Depth UOM:                | ft                |                            |                  |                    |                    |
| <hr/>                                 |                   |                            |                  |                    |                    |
| <a href="#">71</a>                    | 1 of 1            | SSW/222.2                  | 66.8 / 2.56      | ON                 | WWIS               |
| Well ID:                              | 1508258           |                            |                  | Flowing (Y/N):     |                    |
| Construction Date:                    |                   |                            |                  | Flow Rate:         |                    |
| Use 1st:                              | Domestic          |                            |                  | Data Entry Status: |                    |
| Use 2nd:                              | 0                 |                            |                  | Data Src:          | 1                  |
| Final Well Status:                    | Water Supply      |                            |                  | Date Received:     | 12/12/1952         |
| Water Type:                           |                   |                            |                  | Selected Flag:     | TRUE               |
| Casing Material:                      |                   |                            |                  | Abandonment Rec:   |                    |
| Audit No:                             |                   |                            |                  | Contractor:        | 3566               |
| Tag:                                  |                   |                            |                  | Form Version:      | 1                  |
| Constructn Method:                    |                   |                            |                  | Owner:             |                    |
| Elevation (m):                        |                   |                            |                  | County:            | OTTAWA-CARLETON    |
| Elevatn Reliability:                  |                   |                            |                  | Lot:               |                    |
| Depth to Bedrock:                     |                   |                            |                  | Concession:        |                    |
| Well Depth:                           |                   |                            |                  | Concession Name:   |                    |
| Overburden/Bedrock:                   |                   |                            |                  | Easting NAD83:     |                    |
| Pump Rate:                            |                   |                            |                  | Northing NAD83:    |                    |
| Static Water Level:                   |                   |                            |                  | Zone:              |                    |
| Clear/Cloudy:                         |                   |                            |                  | UTM Reliability:   |                    |
| Municipality:                         | OTTAWA CITY       |                            |                  |                    |                    |
| Site Info:                            |                   |                            |                  |                    |                    |
| <br><u>Additional Detail(s) (Map)</u> |                   |                            |                  |                    |                    |
| Bore Hole ID:                         | 10030293          |                            |                  | Tag No:            |                    |
| Depth M:                              | 31.0896           |                            |                  | Contractor:        | 3566               |
| Year Completed:                       | 1952              |                            |                  | Latitude:          | 45.3720948144422   |
| Well Completed Dt:                    | 11/10/1952        |                            |                  | Longitude:         | -75.7791404419983  |
| Audit No:                             |                   |                            |                  | Y:                 | 45.37209480720928  |
| Path:                                 |                   |                            |                  | X:                 | -75.77914028040617 |
| <br><u>Bore Hole Information</u>      |                   |                            |                  |                    |                    |
| Bore Hole ID:                         | 10030293          |                            |                  | Elevation:         |                    |
| DP2BR:                                |                   |                            |                  | Elevrc:            |                    |
| Spatial Status:                       |                   |                            |                  | Zone:              | 18                 |
| Code OB:                              |                   |                            |                  | East83:            | 438990.60          |



| Map Key                       | Number of<br>Records | Direction/<br>Distance (m)       | Elev/Diff<br>(m) | Site             | DB                              |
|-------------------------------|----------------------|----------------------------------|------------------|------------------|---------------------------------|
| Code OB Desc:                 |                      |                                  |                  | North83:         | 5024582.00                      |
| Open Hole:                    |                      |                                  |                  | Org CS:          |                                 |
| Cluster Kind:                 |                      |                                  |                  | UTMRC:           | 5                               |
| Date Completed:               | 11/10/1952           |                                  |                  | UTMRC Desc:      | margin of error : 100 m - 300 m |
| Remarks:                      |                      |                                  |                  | Location Method: | p5                              |
| Location Method Desc:         |                      | Original Pre1985 UTM Rel Code 5: |                  |                  | margin of error : 100 m - 300 m |
| Elevrc Desc:                  |                      |                                  |                  |                  |                                 |
| Location Source Date:         |                      |                                  |                  |                  |                                 |
| Improvement Location Source:  |                      |                                  |                  |                  |                                 |
| Improvement Location Method:  |                      |                                  |                  |                  |                                 |
| Source Revision Comment:      |                      |                                  |                  |                  |                                 |
| Supplier Comment:             |                      |                                  |                  |                  |                                 |
| <u>Overburden and Bedrock</u> |                      |                                  |                  |                  |                                 |
| <u>Materials Interval</u>     |                      |                                  |                  |                  |                                 |
| Formation ID:                 |                      | 931009191                        |                  |                  |                                 |
| Layer:                        |                      | 1                                |                  |                  |                                 |
| Color:                        |                      |                                  |                  |                  |                                 |
| General Color:                |                      |                                  |                  |                  |                                 |
| Material 1:                   |                      | 06                               |                  |                  |                                 |
| Material 1 Desc:              |                      | SILT                             |                  |                  |                                 |
| Material 2:                   |                      |                                  |                  |                  |                                 |
| Material 2 Desc:              |                      |                                  |                  |                  |                                 |
| Material 3:                   |                      |                                  |                  |                  |                                 |
| Material 3 Desc:              |                      |                                  |                  |                  |                                 |
| Formation Top Depth:          |                      | 0.0                              |                  |                  |                                 |
| Formation End Depth:          |                      | 4.0                              |                  |                  |                                 |
| Formation End Depth UOM:      |                      | ft                               |                  |                  |                                 |
| <u>Overburden and Bedrock</u> |                      |                                  |                  |                  |                                 |
| <u>Materials Interval</u>     |                      |                                  |                  |                  |                                 |
| Formation ID:                 |                      | 931009192                        |                  |                  |                                 |
| Layer:                        |                      | 2                                |                  |                  |                                 |
| Color:                        |                      |                                  |                  |                  |                                 |
| General Color:                |                      |                                  |                  |                  |                                 |
| Material 1:                   |                      | 05                               |                  |                  |                                 |
| Material 1 Desc:              |                      | CLAY                             |                  |                  |                                 |
| Material 2:                   |                      | 09                               |                  |                  |                                 |
| Material 2 Desc:              |                      | MEDIUM SAND                      |                  |                  |                                 |
| Material 3:                   |                      | 12                               |                  |                  |                                 |
| Material 3 Desc:              |                      | STONES                           |                  |                  |                                 |
| Formation Top Depth:          |                      | 4.0                              |                  |                  |                                 |
| Formation End Depth:          |                      | 15.0                             |                  |                  |                                 |
| Formation End Depth UOM:      |                      | ft                               |                  |                  |                                 |
| <u>Overburden and Bedrock</u> |                      |                                  |                  |                  |                                 |
| <u>Materials Interval</u>     |                      |                                  |                  |                  |                                 |
| Formation ID:                 |                      | 931009193                        |                  |                  |                                 |
| Layer:                        |                      | 3                                |                  |                  |                                 |
| Color:                        |                      |                                  |                  |                  |                                 |
| General Color:                |                      |                                  |                  |                  |                                 |
| Material 1:                   |                      | 15                               |                  |                  |                                 |
| Material 1 Desc:              |                      | LIMESTONE                        |                  |                  |                                 |
| Material 2:                   |                      |                                  |                  |                  |                                 |
| Material 2 Desc:              |                      |                                  |                  |                  |                                 |
| Material 3:                   |                      |                                  |                  |                  |                                 |
| Material 3 Desc:              |                      |                                  |                  |                  |                                 |
| Formation Top Depth:          |                      | 15.0                             |                  |                  |                                 |
| Formation End Depth:          |                      | 102.0                            |                  |                  |                                 |
| Formation End Depth UOM:      |                      | ft                               |                  |                  |                                 |



| Map Key                                             | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Method of Construction &amp; Well Use</u></b> |                      |                            |                  |      |    |
| Method Construction ID:                             |                      | 961508258                  |                  |      |    |
| Method Construction Code:                           |                      | 1                          |                  |      |    |
| Method Construction:                                |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                          |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                      |                      |                            |                  |      |    |
| Pipe ID:                                            |                      | 10578863                   |                  |      |    |
| Casing No:                                          |                      | 1                          |                  |      |    |
| Comment:                                            |                      |                            |                  |      |    |
| Alt Name:                                           |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                      |                            |                  |      |    |
| Casing ID:                                          |                      | 930053242                  |                  |      |    |
| Layer:                                              |                      | 1                          |                  |      |    |
| Material:                                           |                      | 1                          |                  |      |    |
| Open Hole or Material:                              |                      | STEEL                      |                  |      |    |
| Depth From:                                         |                      |                            |                  |      |    |
| Depth To:                                           |                      | 20.0                       |                  |      |    |
| Casing Diameter:                                    |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                   |                      | ft                         |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                      |                            |                  |      |    |
| Casing ID:                                          |                      | 930053243                  |                  |      |    |
| Layer:                                              |                      | 2                          |                  |      |    |
| Material:                                           |                      | 4                          |                  |      |    |
| Open Hole or Material:                              |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                         |                      |                            |                  |      |    |
| Depth To:                                           |                      | 102.0                      |                  |      |    |
| Casing Diameter:                                    |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                   |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b>         |                      |                            |                  |      |    |
| Pumping Test Method Desc:                           |                      | PUMP                       |                  |      |    |
| Pump Test ID:                                       |                      | 991508258                  |                  |      |    |
| Pump Set At:                                        |                      |                            |                  |      |    |
| Static Level:                                       |                      | 6.0                        |                  |      |    |
| Final Level After Pumping:                          |                      |                            |                  |      |    |
| Recommended Pump Depth:                             |                      |                            |                  |      |    |
| Pumping Rate:                                       |                      | 8.0                        |                  |      |    |
| Flowing Rate:                                       |                      |                            |                  |      |    |
| Recommended Pump Rate:                              |                      |                            |                  |      |    |
| Levels UOM:                                         |                      | ft                         |                  |      |    |
| Rate UOM:                                           |                      | GPM                        |                  |      |    |
| Water State After Test Code:                        |                      | 1                          |                  |      |    |
| Water State After Test:                             |                      | CLEAR                      |                  |      |    |
| Pumping Test Method:                                |                      | 1                          |                  |      |    |
| Pumping Duration HR:                                |                      | 1                          |                  |      |    |
| Pumping Duration MIN:                               |                      | 0                          |                  |      |    |
| Flowing:                                            |                      | No                         |                  |      |    |
| <b><u>Water Details</u></b>                         |                      |                            |                  |      |    |



| Map Key                  | Number of<br>Records                                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB              |
|--------------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------------|--------------------|-----------------|
| <hr/>                    |                                                                                               |                            |                  |                    |                 |
| Water ID:                |                                                                                               | 933462684                  |                  |                    |                 |
| Layer:                   |                                                                                               | 4                          |                  |                    |                 |
| Kind Code:               |                                                                                               | 1                          |                  |                    |                 |
| Kind:                    |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:       |                                                                                               | 102.0                      |                  |                    |                 |
| Water Found Depth UOM:   |                                                                                               | ft                         |                  |                    |                 |
| <br><u>Water Details</u> |                                                                                               |                            |                  |                    |                 |
| Water ID:                |                                                                                               | 933462681                  |                  |                    |                 |
| Layer:                   |                                                                                               | 1                          |                  |                    |                 |
| Kind Code:               |                                                                                               | 1                          |                  |                    |                 |
| Kind:                    |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:       |                                                                                               | 50.0                       |                  |                    |                 |
| Water Found Depth UOM:   |                                                                                               | ft                         |                  |                    |                 |
| <br><u>Water Details</u> |                                                                                               |                            |                  |                    |                 |
| Water ID:                |                                                                                               | 933462682                  |                  |                    |                 |
| Layer:                   |                                                                                               | 2                          |                  |                    |                 |
| Kind Code:               |                                                                                               | 1                          |                  |                    |                 |
| Kind:                    |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:       |                                                                                               | 70.0                       |                  |                    |                 |
| Water Found Depth UOM:   |                                                                                               | ft                         |                  |                    |                 |
| <br><u>Water Details</u> |                                                                                               |                            |                  |                    |                 |
| Water ID:                |                                                                                               | 933462683                  |                  |                    |                 |
| Layer:                   |                                                                                               | 3                          |                  |                    |                 |
| Kind Code:               |                                                                                               | 1                          |                  |                    |                 |
| Kind:                    |                                                                                               | FRESH                      |                  |                    |                 |
| Water Found Depth:       |                                                                                               | 90.0                       |                  |                    |                 |
| Water Found Depth UOM:   |                                                                                               | ft                         |                  |                    |                 |
| <hr/>                    |                                                                                               |                            |                  |                    |                 |
| <a href="#">72</a>       | 1 of 1                                                                                        | WNW/224.3                  | 52.9 / -11.39    | ON                 | WWIS            |
| Well ID:                 | 1508935                                                                                       |                            |                  | Flowing (Y/N):     |                 |
| Construction Date:       |                                                                                               |                            |                  | Flow Rate:         |                 |
| Use 1st:                 | Domestic                                                                                      |                            |                  | Data Entry Status: |                 |
| Use 2nd:                 | 0                                                                                             |                            |                  | Data Src:          | 1               |
| Final Well Status:       | Water Supply                                                                                  |                            |                  | Date Received:     | 06/09/1954      |
| Water Type:              |                                                                                               |                            |                  | Selected Flag:     | TRUE            |
| Casing Material:         |                                                                                               |                            |                  | Abandonment Rec:   |                 |
| Audit No:                |                                                                                               |                            |                  | Contractor:        | 3566            |
| Tag:                     |                                                                                               |                            |                  | Form Version:      | 1               |
| Constructn Method:       |                                                                                               |                            |                  | Owner:             |                 |
| Elevation (m):           |                                                                                               |                            |                  | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty:      |                                                                                               |                            |                  | Lot:               |                 |
| Depth to Bedrock:        |                                                                                               |                            |                  | Concession:        |                 |
| Well Depth:              |                                                                                               |                            |                  | Concession Name:   |                 |
| Overburden/Bedrock:      |                                                                                               |                            |                  | Easting NAD83:     |                 |
| Pump Rate:               |                                                                                               |                            |                  | Northing NAD83:    |                 |
| Static Water Level:      |                                                                                               |                            |                  | Zone:              |                 |
| Clear/Cloudy:            |                                                                                               |                            |                  | UTM Reliability:   |                 |
| Municipality:            | OTTAWA CITY                                                                                   |                            |                  |                    |                 |
| Site Info:               |                                                                                               |                            |                  |                    |                 |
| PDF URL (Map):           | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508935.pdf |                            |                  |                    |                 |

Additional Detail(s) (Map)



| Map Key                                  | Number of Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site                    | DB          |
|------------------------------------------|-------------------|----------------------------------------------|------------------|-------------------------|-------------|
| <hr/>                                    |                   |                                              |                  |                         |             |
| <b>Well Completed Date:</b>              |                   | 05/28/1954                                   |                  |                         |             |
| <b>Year Completed:</b>                   |                   | 1954                                         |                  |                         |             |
| <b>Depth (m):</b>                        |                   | 26.5176                                      |                  |                         |             |
| <b>Latitude:</b>                         |                   | 45.3759501985126                             |                  |                         |             |
| <b>Longitude:</b>                        |                   | -75.7813645772302                            |                  |                         |             |
| <b>X:</b>                                |                   | -75.7813644154586                            |                  |                         |             |
| <b>Y:</b>                                |                   | 45.375950192259076                           |                  |                         |             |
| <b>Path:</b>                             |                   | 150\1508935.pdf                              |                  |                         |             |
| <br><b><u>Bore Hole Information</u></b>  |                   |                                              |                  |                         |             |
| <b>Bore Hole ID:</b>                     | 10030969          |                                              |                  | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                            |                   |                                              |                  | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>                   |                   |                                              |                  | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                          |                   |                                              |                  | <b>East83:</b>          | 438820.60   |
| <b>Code OB Desc:</b>                     |                   |                                              |                  | <b>North83:</b>         | 5025012.00  |
| <b>Open Hole:</b>                        |                   |                                              |                  | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                     |                   |                                              |                  | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>                   | 05/28/1954        |                                              |                  | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                          |                   |                                              |                  | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>             |                   | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                         |             |
| <b>Elevrc Desc:</b>                      |                   |                                              |                  |                         |             |
| <b>Location Source Date:</b>             |                   |                                              |                  |                         |             |
| <b>Improvement Location Source:</b>      |                   |                                              |                  |                         |             |
| <b>Improvement Location Method:</b>      |                   |                                              |                  |                         |             |
| <b>Source Revision Comment:</b>          |                   |                                              |                  |                         |             |
| <b>Supplier Comment:</b>                 |                   |                                              |                  |                         |             |
| <br><b><u>Overburden and Bedrock</u></b> |                   |                                              |                  |                         |             |
| <b><u>Materials Interval</u></b>         |                   |                                              |                  |                         |             |
| <b>Formation ID:</b>                     | 931011000         |                                              |                  |                         |             |
| <b>Layer:</b>                            | 4                 |                                              |                  |                         |             |
| <b>Color:</b>                            | 2                 |                                              |                  |                         |             |
| <b>General Color:</b>                    | GREY              |                                              |                  |                         |             |
| <b>Material 1:</b>                       | 15                |                                              |                  |                         |             |
| <b>Material 1 Desc:</b>                  | LIMESTONE         |                                              |                  |                         |             |
| <b>Material 2:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 2 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Material 3:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 3 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Formation Top Depth:</b>              | 65.0              |                                              |                  |                         |             |
| <b>Formation End Depth:</b>              | 87.0              |                                              |                  |                         |             |
| <b>Formation End Depth UOM:</b>          | ft                |                                              |                  |                         |             |
| <br><b><u>Overburden and Bedrock</u></b> |                   |                                              |                  |                         |             |
| <b><u>Materials Interval</u></b>         |                   |                                              |                  |                         |             |
| <b>Formation ID:</b>                     | 931010999         |                                              |                  |                         |             |
| <b>Layer:</b>                            | 3                 |                                              |                  |                         |             |
| <b>Color:</b>                            | 8                 |                                              |                  |                         |             |
| <b>General Color:</b>                    | BLACK             |                                              |                  |                         |             |
| <b>Material 1:</b>                       | 15                |                                              |                  |                         |             |
| <b>Material 1 Desc:</b>                  | LIMESTONE         |                                              |                  |                         |             |
| <b>Material 2:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 2 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Material 3:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 3 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Formation Top Depth:</b>              | 55.0              |                                              |                  |                         |             |
| <b>Formation End Depth:</b>              | 65.0              |                                              |                  |                         |             |
| <b>Formation End Depth UOM:</b>          | ft                |                                              |                  |                         |             |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931010997                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 09                         |                  |      |    |
| Material 1 Desc:                                            |                      | MEDIUM SAND                |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 9.0                        |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931010998                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      | 2                          |                  |      |    |
| General Color:                                              |                      | GREY                       |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 9.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 55.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961508935                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10579539                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930054569                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Material:                                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 55.0                       |                  |      |    |
| Casing Diameter:                                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB         |
|---------------------------------------------|----------------------|----------------------------|------------------|--------------------|------------|
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                    |            |
| Casing ID:                                  |                      | 930054568                  |                  |                    |            |
| Layer:                                      |                      | 1                          |                  |                    |            |
| Material:                                   |                      | 1                          |                  |                    |            |
| Open Hole or Material:                      |                      | STEEL                      |                  |                    |            |
| Depth From:                                 |                      |                            |                  |                    |            |
| Depth To:                                   |                      | 16.0                       |                  |                    |            |
| Casing Diameter:                            |                      | 4.0                        |                  |                    |            |
| Casing Diameter UOM:                        |                      | inch                       |                  |                    |            |
| Casing Depth UOM:                           |                      | ft                         |                  |                    |            |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |                    |            |
| Pumping Test Method Desc:                   |                      | PUMP                       |                  |                    |            |
| Pump Test ID:                               |                      | 991508935                  |                  |                    |            |
| Pump Set At:                                |                      |                            |                  |                    |            |
| Static Level:                               |                      | 10.0                       |                  |                    |            |
| Final Level After Pumping:                  |                      | 10.0                       |                  |                    |            |
| Recommended Pump Depth:                     |                      |                            |                  |                    |            |
| Pumping Rate:                               |                      | 10.0                       |                  |                    |            |
| Flowing Rate:                               |                      |                            |                  |                    |            |
| Recommended Pump Rate:                      |                      |                            |                  |                    |            |
| Levels UOM:                                 |                      | ft                         |                  |                    |            |
| Rate UOM:                                   |                      | GPM                        |                  |                    |            |
| Water State After Test Code:                |                      | 2                          |                  |                    |            |
| Water State After Test:                     |                      | CLOUDY                     |                  |                    |            |
| Pumping Test Method:                        |                      | 1                          |                  |                    |            |
| Pumping Duration HR:                        |                      | 1                          |                  |                    |            |
| Pumping Duration MIN:                       |                      | 0                          |                  |                    |            |
| Flowing:                                    |                      | No                         |                  |                    |            |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                    |            |
| Water ID:                                   |                      | 933463649                  |                  |                    |            |
| Layer:                                      |                      | 1                          |                  |                    |            |
| Kind Code:                                  |                      | 1                          |                  |                    |            |
| Kind:                                       |                      | FRESH                      |                  |                    |            |
| Water Found Depth:                          |                      | 60.0                       |                  |                    |            |
| Water Found Depth UOM:                      |                      | ft                         |                  |                    |            |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                    |            |
| Water ID:                                   |                      | 933463650                  |                  |                    |            |
| Layer:                                      |                      | 2                          |                  |                    |            |
| Kind Code:                                  |                      | 1                          |                  |                    |            |
| Kind:                                       |                      | FRESH                      |                  |                    |            |
| Water Found Depth:                          |                      | 80.0                       |                  |                    |            |
| Water Found Depth UOM:                      |                      | ft                         |                  |                    |            |
| <hr/>                                       |                      |                            |                  |                    |            |
| <a href="#">73</a>                          | 1 of 1               | SE/225.6                   | 70.9 / 6.61      | ON                 | WWIS       |
| Well ID:                                    | 1507779              |                            |                  | Flowing (Y/N):     |            |
| Construction Date:                          |                      |                            |                  | Flow Rate:         |            |
| Use 1st:                                    | Domestic             |                            |                  | Data Entry Status: |            |
| Use 2nd:                                    | 0                    |                            |                  | Data Src:          | 1          |
| Final Well Status:                          | Water Supply         |                            |                  | Date Received:     | 03/26/1951 |
| Water Type:                                 |                      |                            |                  | Selected Flag:     | TRUE       |
| Casing Material:                            |                      |                            |                  | Abandonment Rec:   |            |
| Audit No:                                   |                      |                            |                  | Contractor:        | 3718       |
| Tag:                                        |                      |                            |                  | Form Version:      | 1          |



| Map Key                    | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                | Elev/Diff<br>(m) | Site                    | DB              |
|----------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------|
| <b>Constructn Method:</b>  |                   |                                                                                                                                                                                                           |                  | <b>Owner:</b>           |                 |
| <b>Elevation (m):</b>      |                   |                                                                                                                                                                                                           |                  | <b>County:</b>          | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                   |                                                                                                                                                                                                           |                  | <b>Lot:</b>             |                 |
| <b>Depth to Bedrock:</b>   |                   |                                                                                                                                                                                                           |                  | <b>Concession:</b>      |                 |
| <b>Well Depth:</b>         |                   |                                                                                                                                                                                                           |                  | <b>Concession Name:</b> |                 |
| <b>Overburden/Bedrock:</b> |                   |                                                                                                                                                                                                           |                  | <b>Easting NAD83:</b>   |                 |
| <b>Pump Rate:</b>          |                   |                                                                                                                                                                                                           |                  | <b>Northing NAD83:</b>  |                 |
| <b>Static Water Level:</b> |                   |                                                                                                                                                                                                           |                  | <b>Zone:</b>            |                 |
| <b>Clear/Cloudy:</b>       |                   |                                                                                                                                                                                                           |                  | <b>UTM Reliability:</b> |                 |
| <b>Municipality:</b>       |                   |                                                                                                                                                                                                           |                  |                         |                 |
| <b>Site Info:</b>          |                   |                                                                                                                                                                                                           |                  |                         |                 |
| <b>PDF URL (Map):</b>      |                   | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507779.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507779.pdf</a> |                  |                         |                 |

**Well Completed Date:** 02/15/1951  
**Year Completed:** 1951  
**Depth (m):** 28.0416  
**Latitude:** 45.3729257346315  
**Longitude:** -75.7760855296398  
**X:** -75.77608536798445  
**Y:** 45.37292572817723  
**Path:** 150\1507779.pdf

|                                     |                                              |                         |             |
|-------------------------------------|----------------------------------------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10029814                                     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |                                              | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |                                              | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |                                              | <b>East83:</b>          | 439230.70   |
| <b>Code OB Desc:</b>                |                                              | <b>North83:</b>         | 5024672.00  |
| <b>Open Hole:</b>                   |                                              | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |                                              | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 02/15/1951                                   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |                                              | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 9: unknown UTM |                         |             |
| <b>Elevrc Desc:</b>                 |                                              |                         |             |
| <b>Location Source Date:</b>        |                                              |                         |             |
| <b>Improvement Location Source:</b> |                                              |                         |             |
| <b>Improvement Location Method:</b> |                                              |                         |             |
| <b>Source Revision Comment:</b>     |                                              |                         |             |
| <b>Supplier Comment:</b>            |                                              |                         |             |

|                                 |           |
|---------------------------------|-----------|
| <b>Formation ID:</b>            | 931008007 |
| <b>Layer:</b>                   | 2         |
| <b>Color:</b>                   |           |
| <b>General Color:</b>           |           |
| <b>Material 1:</b>              | 17        |
| <b>Material 1 Desc:</b>         | SHALE     |
| <b>Material 2:</b>              |           |
| <b>Material 2 Desc:</b>         |           |
| <b>Material 3:</b>              |           |
| <b>Material 3 Desc:</b>         |           |
| <b>Formation Top Depth:</b>     | 2.0       |
| <b>Formation End Depth:</b>     | 10.0      |
| <b>Formation End Depth UOM:</b> | ft        |



| <b>Map Key</b>                                  | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Materials Interval</u></b>                |                              |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                              | 931008008                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 3                                  |                          |             |           |
| <b>Color:</b>                                   |                              |                                    |                          |             |           |
| <b>General Color:</b>                           |                              |                                    |                          |             |           |
| <b>Material 1:</b>                              |                              | 15                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                              | LIMESTONE                          |                          |             |           |
| <b>Material 2:</b>                              |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                              |                                    |                          |             |           |
| <b>Material 3:</b>                              |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                              | 10.0                               |                          |             |           |
| <b>Formation End Depth:</b>                     |                              | 92.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                              | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>            |                              |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                |                              |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                              | 931008006                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Color:</b>                                   |                              | 6                                  |                          |             |           |
| <b>General Color:</b>                           |                              | BROWN                              |                          |             |           |
| <b>Material 1:</b>                              |                              | 02                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                              | TOPSOIL                            |                          |             |           |
| <b>Material 2:</b>                              |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                              |                                    |                          |             |           |
| <b>Material 3:</b>                              |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                              | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                     |                              | 2.0                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                              | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well</u></b> |                              |                                    |                          |             |           |
| <b><u>Use</u></b>                               |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                  |                              | 961507779                          |                          |             |           |
| <b>Method Construction Code:</b>                |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                     |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>               |                              |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                  |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                 |                              | 10578384                           |                          |             |           |
| <b>Casing No:</b>                               |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                 |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>      |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                              | 930052294                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                              |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                |                              | 92.0                               |                          |             |           |
| <b>Casing Diameter:</b>                         |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                     |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                        |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>      |                              |                                    |                          |             |           |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB              |
|------------------------------------------|----------------------|----------------------------|------------------|--------------------|-----------------|
| <hr/>                                    |                      |                            |                  |                    |                 |
| Casing ID:                               |                      | 930052293                  |                  |                    |                 |
| Layer:                                   |                      | 1                          |                  |                    |                 |
| Material:                                |                      | 1                          |                  |                    |                 |
| Open Hole or Material:                   |                      | STEEL                      |                  |                    |                 |
| Depth From:                              |                      |                            |                  |                    |                 |
| Depth To:                                |                      | 18.0                       |                  |                    |                 |
| Casing Diameter:                         |                      | 5.0                        |                  |                    |                 |
| Casing Diameter UOM:                     |                      | inch                       |                  |                    |                 |
| Casing Depth UOM:                        |                      | ft                         |                  |                    |                 |
| <br><u>Results of Well Yield Testing</u> |                      |                            |                  |                    |                 |
| Pumping Test Method Desc:                |                      | PUMP                       |                  |                    |                 |
| Pump Test ID:                            |                      | 991507779                  |                  |                    |                 |
| Pump Set At:                             |                      |                            |                  |                    |                 |
| Static Level:                            |                      | 27.0                       |                  |                    |                 |
| Final Level After Pumping:               |                      | 27.0                       |                  |                    |                 |
| Recommended Pump Depth:                  |                      |                            |                  |                    |                 |
| Pumping Rate:                            |                      | 4.0                        |                  |                    |                 |
| Flowing Rate:                            |                      |                            |                  |                    |                 |
| Recommended Pump Rate:                   |                      |                            |                  |                    |                 |
| Levels UOM:                              |                      | ft                         |                  |                    |                 |
| Rate UOM:                                |                      | GPM                        |                  |                    |                 |
| Water State After Test Code:             |                      | 1                          |                  |                    |                 |
| Water State After Test:                  |                      | CLEAR                      |                  |                    |                 |
| Pumping Test Method:                     |                      | 1                          |                  |                    |                 |
| Pumping Duration HR:                     |                      | 1                          |                  |                    |                 |
| Pumping Duration MIN:                    |                      | 0                          |                  |                    |                 |
| Flowing:                                 |                      | No                         |                  |                    |                 |
| <br><u>Water Details</u>                 |                      |                            |                  |                    |                 |
| Water ID:                                |                      | 933462024                  |                  |                    |                 |
| Layer:                                   |                      | 1                          |                  |                    |                 |
| Kind Code:                               |                      | 1                          |                  |                    |                 |
| Kind:                                    |                      | FRESH                      |                  |                    |                 |
| Water Found Depth:                       |                      | 80.0                       |                  |                    |                 |
| Water Found Depth UOM:                   |                      | ft                         |                  |                    |                 |
| <br><u>Water Details</u>                 |                      |                            |                  |                    |                 |
| Water ID:                                |                      | 933462025                  |                  |                    |                 |
| Layer:                                   |                      | 2                          |                  |                    |                 |
| Kind Code:                               |                      | 1                          |                  |                    |                 |
| Kind:                                    |                      | FRESH                      |                  |                    |                 |
| Water Found Depth:                       |                      | 90.0                       |                  |                    |                 |
| Water Found Depth UOM:                   |                      | ft                         |                  |                    |                 |
| <hr/>                                    |                      |                            |                  |                    |                 |
| <a href="#">74</a>                       | 1 of 1               | NNW/225.8                  | 56.9 / -7.35     | ON                 | WWIS            |
| Well ID:                                 | 1508936              |                            |                  | Flowing (Y/N):     |                 |
| Construction Date:                       |                      |                            |                  | Flow Rate:         |                 |
| Use 1st:                                 | Domestic             |                            |                  | Data Entry Status: |                 |
| Use 2nd:                                 | 0                    |                            |                  | Data Src:          | 1               |
| Final Well Status:                       | Water Supply         |                            |                  | Date Received:     | 06/10/1954      |
| Water Type:                              |                      |                            |                  | Selected Flag:     | TRUE            |
| Casing Material:                         |                      |                            |                  | Abandonment Rec:   |                 |
| Audit No:                                |                      |                            |                  | Contractor:        | 4216            |
| Tag:                                     |                      |                            |                  | Form Version:      | 1               |
| Constructn Method:                       |                      |                            |                  | Owner:             |                 |
| Elevation (m):                           |                      |                            |                  | County:            | OTTAWA-CARLETON |



| Map Key                                                                                                                                                             | Number of Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site                                                                                                      | DB          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------|-------------|
| Elevatn Reliabilty:<br>Depth to Bedrock:<br>Well Depth:<br>Overburden/Bedrock:<br>Pump Rate:<br>Static Water Level:<br>Clear/Cloudy:<br>Municipality:<br>Site Info: |                   |                                                                                               | OTTAWA CITY      | Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: |             |
| PDF URL (Map):                                                                                                                                                      |                   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508936.pdf |                  |                                                                                                           |             |
| Additional Detail(s) (Map)                                                                                                                                          |                   |                                                                                               |                  |                                                                                                           |             |
| Well Completed Date:                                                                                                                                                |                   | 05/28/1954                                                                                    |                  |                                                                                                           |             |
| Year Completed:                                                                                                                                                     |                   | 1954                                                                                          |                  |                                                                                                           |             |
| Depth (m):                                                                                                                                                          |                   | 23.4696                                                                                       |                  |                                                                                                           |             |
| Latitude:                                                                                                                                                           |                   | 45.3771298645315                                                                              |                  |                                                                                                           |             |
| Longitude:                                                                                                                                                          |                   | -75.7799759082349                                                                             |                  |                                                                                                           |             |
| X:                                                                                                                                                                  |                   | -75.77997574615324                                                                            |                  |                                                                                                           |             |
| Y:                                                                                                                                                                  |                   | 45.377129858530864                                                                            |                  |                                                                                                           |             |
| Path:                                                                                                                                                               |                   | 150\1508936.pdf                                                                               |                  |                                                                                                           |             |
| Bore Hole Information                                                                                                                                               |                   |                                                                                               |                  |                                                                                                           |             |
| Bore Hole ID:                                                                                                                                                       |                   | 10030970                                                                                      |                  | Elevation:                                                                                                |             |
| DP2BR:                                                                                                                                                              |                   |                                                                                               |                  | Elevrc:                                                                                                   |             |
| Spatial Status:                                                                                                                                                     |                   |                                                                                               |                  | Zone:                                                                                                     | 18          |
| Code OB:                                                                                                                                                            |                   |                                                                                               |                  | East83:                                                                                                   | 438930.60   |
| Code OB Desc:                                                                                                                                                       |                   |                                                                                               |                  | North83:                                                                                                  | 5025142.00  |
| Open Hole:                                                                                                                                                          |                   |                                                                                               |                  | Org CS:                                                                                                   |             |
| Cluster Kind:                                                                                                                                                       |                   |                                                                                               |                  | UTMRC:                                                                                                    | 9           |
| Date Completed:                                                                                                                                                     |                   | 05/28/1954                                                                                    |                  | UTMRC Desc:                                                                                               | unknown UTM |
| Remarks:                                                                                                                                                            |                   |                                                                                               |                  | Location Method:                                                                                          | p9          |
| Location Method Desc:                                                                                                                                               |                   | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  |                                                                                                           |             |
| Elevrc Desc:                                                                                                                                                        |                   |                                                                                               |                  |                                                                                                           |             |
| Location Source Date:                                                                                                                                               |                   |                                                                                               |                  |                                                                                                           |             |
| Improvement Location Source:                                                                                                                                        |                   |                                                                                               |                  |                                                                                                           |             |
| Improvement Location Method:                                                                                                                                        |                   |                                                                                               |                  |                                                                                                           |             |
| Source Revision Comment:                                                                                                                                            |                   |                                                                                               |                  |                                                                                                           |             |
| Supplier Comment:                                                                                                                                                   |                   |                                                                                               |                  |                                                                                                           |             |
| Overburden and Bedrock                                                                                                                                              |                   |                                                                                               |                  |                                                                                                           |             |
| Materials Interval                                                                                                                                                  |                   |                                                                                               |                  |                                                                                                           |             |
| Formation ID:                                                                                                                                                       |                   | 931011002                                                                                     |                  |                                                                                                           |             |
| Layer:                                                                                                                                                              |                   | 2                                                                                             |                  |                                                                                                           |             |
| Color:                                                                                                                                                              |                   |                                                                                               |                  |                                                                                                           |             |
| General Color:                                                                                                                                                      |                   |                                                                                               |                  |                                                                                                           |             |
| Material 1:                                                                                                                                                         |                   | 15                                                                                            |                  |                                                                                                           |             |
| Material 1 Desc:                                                                                                                                                    |                   | LIMESTONE                                                                                     |                  |                                                                                                           |             |
| Material 2:                                                                                                                                                         |                   |                                                                                               |                  |                                                                                                           |             |
| Material 2 Desc:                                                                                                                                                    |                   |                                                                                               |                  |                                                                                                           |             |
| Material 3:                                                                                                                                                         |                   |                                                                                               |                  |                                                                                                           |             |
| Material 3 Desc:                                                                                                                                                    |                   |                                                                                               |                  |                                                                                                           |             |
| Formation Top Depth:                                                                                                                                                |                   | 8.0                                                                                           |                  |                                                                                                           |             |
| Formation End Depth:                                                                                                                                                |                   | 77.0                                                                                          |                  |                                                                                                           |             |
| Formation End Depth UOM:                                                                                                                                            |                   | ft                                                                                            |                  |                                                                                                           |             |
| Overburden and Bedrock                                                                                                                                              |                   |                                                                                               |                  |                                                                                                           |             |
| Materials Interval                                                                                                                                                  |                   |                                                                                               |                  |                                                                                                           |             |



| Map Key                                          | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <hr/>                                            |                      |                            |                  |      |    |
| Formation ID:                                    |                      | 931011001                  |                  |      |    |
| Layer:                                           |                      | 1                          |                  |      |    |
| Color:                                           |                      |                            |                  |      |    |
| General Color:                                   |                      |                            |                  |      |    |
| Material 1:                                      |                      | 05                         |                  |      |    |
| Material 1 Desc:                                 |                      | CLAY                       |                  |      |    |
| Material 2:                                      |                      |                            |                  |      |    |
| Material 2 Desc:                                 |                      |                            |                  |      |    |
| Material 3:                                      |                      |                            |                  |      |    |
| Material 3 Desc:                                 |                      |                            |                  |      |    |
| Formation Top Depth:                             |                      | 0.0                        |                  |      |    |
| Formation End Depth:                             |                      | 8.0                        |                  |      |    |
| Formation End Depth UOM:                         |                      | ft                         |                  |      |    |
| <br><u>Method of Construction &amp; Well Use</u> |                      |                            |                  |      |    |
| Method Construction ID:                          |                      | 961508936                  |                  |      |    |
| Method Construction Code:                        |                      | 1                          |                  |      |    |
| Method Construction:                             |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                       |                      |                            |                  |      |    |
| <br><u>Pipe Information</u>                      |                      |                            |                  |      |    |
| Pipe ID:                                         |                      | 10579540                   |                  |      |    |
| Casing No:                                       |                      | 1                          |                  |      |    |
| Comment:                                         |                      |                            |                  |      |    |
| Alt Name:                                        |                      |                            |                  |      |    |
| <br><u>Construction Record - Casing</u>          |                      |                            |                  |      |    |
| Casing ID:                                       |                      | 930054571                  |                  |      |    |
| Layer:                                           |                      | 2                          |                  |      |    |
| Material:                                        |                      | 4                          |                  |      |    |
| Open Hole or Material:                           |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                      |                      |                            |                  |      |    |
| Depth To:                                        |                      | 77.0                       |                  |      |    |
| Casing Diameter:                                 |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                             |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                |                      | ft                         |                  |      |    |
| <br><u>Construction Record - Casing</u>          |                      |                            |                  |      |    |
| Casing ID:                                       |                      | 930054570                  |                  |      |    |
| Layer:                                           |                      | 1                          |                  |      |    |
| Material:                                        |                      | 1                          |                  |      |    |
| Open Hole or Material:                           |                      | STEEL                      |                  |      |    |
| Depth From:                                      |                      |                            |                  |      |    |
| Depth To:                                        |                      | 12.0                       |                  |      |    |
| Casing Diameter:                                 |                      | 5.0                        |                  |      |    |
| Casing Diameter UOM:                             |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                |                      | ft                         |                  |      |    |
| <br><u>Results of Well Yield Testing</u>         |                      |                            |                  |      |    |
| Pumping Test Method Desc:                        |                      | BAILER                     |                  |      |    |
| Pump Test ID:                                    |                      | 991508936                  |                  |      |    |
| Pump Set At:                                     |                      |                            |                  |      |    |
| Static Level:                                    |                      | 6.0                        |                  |      |    |
| Final Level After Pumping:                       |                      | 12.0                       |                  |      |    |
| Recommended Pump Depth:                          |                      |                            |                  |      |    |
| Pumping Rate:                                    |                      | 10.0                       |                  |      |    |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site               | DB   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|--------------------|------|
| <div>Flowing Rate:<br/>Recommended Pump Rate:<br/>Levels UOM:ft<br/>Rate UOM:GPM<br/>Water State After Test Code:1<br/>Water State After Test:CLEAR<br/>Pumping Test Method:2<br/>Pumping Duration HR:1<br/>Pumping Duration MIN:0<br/>Flowing:No</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                                                                               |                  |                    |      |
| <div>Water Details</div> <div>Water ID:933463651<br/>Layer:1<br/>Kind Code:1<br/>Kind:FRESH<br/>Water Found Depth:60.0<br/>Water Found Depth UOM:ft</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                                                                                               |                  |                    |      |
| <div>Water Details</div> <div>Water ID:933463652<br/>Layer:2<br/>Kind Code:1<br/>Kind:FRESH<br/>Water Found Depth:77.0<br/>Water Found Depth UOM:ft</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                                                                                               |                  |                    |      |
| 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 of 1               | NW/226.6                                                                                      | 52.9 / -11.39    | lot 25 con 1<br>ON | WWIS |
| <div><div><div>Well ID:1503899<br/>Construction Date:<br/>Use 1st:Domestic<br/>Use 2nd:0<br/>Final Well Status:Water Supply<br/>Water Type:<br/>Casing Material:<br/>Audit No:<br/>Tag:<br/>Constructn Method:<br/>Elevation (m):<br/>Elevatn Reliabilty:<br/>Depth to Bedrock:<br/>Well Depth:<br/>Overburden/Bedrock:<br/>Pump Rate:<br/>Static Water Level:<br/>Clear/Cloudy:<br/>Municipality:<br/>Site Info:</div><div>OTTAWA CITY (NEPEAN)</div></div><div><div>Flowing (Y/N):<br/>Flow Rate:<br/>Data Entry Status:<br/>Data Src:1<br/>Date Received:11/26/1951<br/>Selected Flag:TRUE<br/>Abandonment Rec:<br/>Contractor:4832<br/>Form Version:1<br/>Owner:<br/>County:OTTAWA-CARLETON<br/>Lot:025<br/>Concession:01<br/>Concession Name:OF<br/>Easting NAD83:<br/>Northing NAD83:<br/>Zone:<br/>UTM Reliability:</div></div></div> |                      |                                                                                               |                  |                    |      |
| PDF URL (Map):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503899.pdf |                  |                    |      |
| <div>Additional Detail(s) (Map)</div> <div>Well Completed Date:07/15/1949<br/>Year Completed:1949<br/>Depth (m):22.86<br/>Latitude:45.3767654823947<br/>Longitude:-75.7806094928429</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                                                                                               |                  |                    |      |



| Map Key | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
| X:      |                   | -75.78060933133747         |                  |      |    |
| Y:      |                   | 45.376765475053816         |                  |      |    |
| Path:   |                   | 150\1503899.pdf            |                  |      |    |

#### Bore Hole Information

|                                     |                                              |                         |             |
|-------------------------------------|----------------------------------------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10025942                                     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |                                              | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |                                              | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |                                              | <b>East83:</b>          | 438880.60   |
| <b>Code OB Desc:</b>                |                                              | <b>North83:</b>         | 5025102.00  |
| <b>Open Hole:</b>                   |                                              | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |                                              | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 07/15/1949                                   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |                                              | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 9: unknown UTM |                         |             |
| <b>Elevrc Desc:</b>                 |                                              |                         |             |
| <b>Location Source Date:</b>        |                                              |                         |             |
| <b>Improvement Location Source:</b> |                                              |                         |             |
| <b>Improvement Location Method:</b> |                                              |                         |             |
| <b>Source Revision Comment:</b>     |                                              |                         |             |
| <b>Supplier Comment:</b>            |                                              |                         |             |

#### Overburden and Bedrock

##### Materials Interval

|                                 |           |
|---------------------------------|-----------|
| <b>Formation ID:</b>            | 930997840 |
| <b>Layer:</b>                   | 3         |
| <b>Color:</b>                   |           |
| <b>General Color:</b>           |           |
| <b>Material 1:</b>              | 15        |
| <b>Material 1 Desc:</b>         | LIMESTONE |
| <b>Material 2:</b>              |           |
| <b>Material 2 Desc:</b>         |           |
| <b>Material 3:</b>              |           |
| <b>Material 3 Desc:</b>         |           |
| <b>Formation Top Depth:</b>     | 8.0       |
| <b>Formation End Depth:</b>     | 75.0      |
| <b>Formation End Depth UOM:</b> | ft        |

#### Overburden and Bedrock

##### Materials Interval

|                                 |             |
|---------------------------------|-------------|
| <b>Formation ID:</b>            | 930997839   |
| <b>Layer:</b>                   | 2           |
| <b>Color:</b>                   |             |
| <b>General Color:</b>           |             |
| <b>Material 1:</b>              | 09          |
| <b>Material 1 Desc:</b>         | MEDIUM SAND |
| <b>Material 2:</b>              |             |
| <b>Material 2 Desc:</b>         |             |
| <b>Material 3:</b>              |             |
| <b>Material 3 Desc:</b>         |             |
| <b>Formation Top Depth:</b>     | 3.0         |
| <b>Formation End Depth:</b>     | 8.0         |
| <b>Formation End Depth UOM:</b> | ft          |

#### Overburden and Bedrock

##### Materials Interval

|                      |           |
|----------------------|-----------|
| <b>Formation ID:</b> | 930997838 |
| <b>Layer:</b>        | 1         |



| <b>Map Key</b>                                      | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-----------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Color:</b>                                       |                              |                                    |                          |             |           |
| <b>General Color:</b>                               |                              |                                    |                          |             |           |
| <b>Material 1:</b>                                  |                              | 02                                 |                          |             |           |
| <b>Material 1 Desc:</b>                             |                              | TOPSOIL                            |                          |             |           |
| <b>Material 2:</b>                                  |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                             |                              |                                    |                          |             |           |
| <b>Material 3:</b>                                  |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                             |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                         |                              | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                         |                              | 3.0                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                     |                              | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b> |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                      |                              | 961503899                          |                          |             |           |
| <b>Method Construction Code:</b>                    |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                         |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>                   |                              |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                      |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                     |                              | 10574512                           |                          |             |           |
| <b>Casing No:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                     |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                    |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                   |                              | 930044634                          |                          |             |           |
| <b>Layer:</b>                                       |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                    |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                       |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                                  |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                    |                              | 75.0                               |                          |             |           |
| <b>Casing Diameter:</b>                             |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                         |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                            |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                   |                              | 930044633                          |                          |             |           |
| <b>Layer:</b>                                       |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                    |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                       |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                  |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                    |                              | 9.0                                |                          |             |           |
| <b>Casing Diameter:</b>                             |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                         |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                            |                              | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>         |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                    |                              |                                    |                          |             |           |
| <b>Pump Test ID:</b>                                |                              | 991503899                          |                          |             |           |
| <b>Pump Set At:</b>                                 |                              |                                    |                          |             |           |
| <b>Static Level:</b>                                |                              | 8.0                                |                          |             |           |
| <b>Final Level After Pumping:</b>                   |                              |                                    |                          |             |           |
| <b>Recommended Pump Depth:</b>                      |                              |                                    |                          |             |           |
| <b>Pumping Rate:</b>                                |                              |                                    |                          |             |           |
| <b>Flowing Rate:</b>                                |                              |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>                       |                              |                                    |                          |             |           |



| Map Key                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                           | DB |
|------------------------------|----------------------|----------------------------|------------------|----------------------------------------------------------------|----|
| <hr/>                        |                      |                            |                  |                                                                |    |
| Levels UOM:                  |                      | ft                         |                  |                                                                |    |
| Rate UOM:                    |                      | GPM                        |                  |                                                                |    |
| Water State After Test Code: |                      |                            |                  |                                                                |    |
| Water State After Test:      |                      |                            |                  |                                                                |    |
| Pumping Test Method:         |                      |                            |                  |                                                                |    |
| Pumping Duration HR:         |                      |                            |                  |                                                                |    |
| Pumping Duration MIN:        |                      |                            |                  |                                                                |    |
| Flowing:                     |                      | No                         |                  |                                                                |    |
| <br><u>Water Details</u>     |                      |                            |                  |                                                                |    |
| Water ID:                    |                      | 933456922                  |                  |                                                                |    |
| Layer:                       |                      | 3                          |                  |                                                                |    |
| Kind Code:                   |                      | 1                          |                  |                                                                |    |
| Kind:                        |                      | FRESH                      |                  |                                                                |    |
| Water Found Depth:           |                      | 60.0                       |                  |                                                                |    |
| Water Found Depth UOM:       |                      | ft                         |                  |                                                                |    |
| <br><u>Water Details</u>     |                      |                            |                  |                                                                |    |
| Water ID:                    |                      | 933456923                  |                  |                                                                |    |
| Layer:                       |                      | 4                          |                  |                                                                |    |
| Kind Code:                   |                      | 1                          |                  |                                                                |    |
| Kind:                        |                      | FRESH                      |                  |                                                                |    |
| Water Found Depth:           |                      | 73.0                       |                  |                                                                |    |
| Water Found Depth UOM:       |                      | ft                         |                  |                                                                |    |
| <br><u>Water Details</u>     |                      |                            |                  |                                                                |    |
| Water ID:                    |                      | 933456920                  |                  |                                                                |    |
| Layer:                       |                      | 1                          |                  |                                                                |    |
| Kind Code:                   |                      | 1                          |                  |                                                                |    |
| Kind:                        |                      | FRESH                      |                  |                                                                |    |
| Water Found Depth:           |                      | 30.0                       |                  |                                                                |    |
| Water Found Depth UOM:       |                      | ft                         |                  |                                                                |    |
| <br><u>Water Details</u>     |                      |                            |                  |                                                                |    |
| Water ID:                    |                      | 933456921                  |                  |                                                                |    |
| Layer:                       |                      | 2                          |                  |                                                                |    |
| Kind Code:                   |                      | 1                          |                  |                                                                |    |
| Kind:                        |                      | FRESH                      |                  |                                                                |    |
| Water Found Depth:           |                      | 48.0                       |                  |                                                                |    |
| Water Found Depth UOM:       |                      | ft                         |                  |                                                                |    |
| <hr/>                        |                      |                            |                  |                                                                |    |
| <a href="#">76</a>           | 1 of 1               | E/227.5                    | 69.9 / 5.61      | OTTAWA CITY<br>COMPTON AVE/ANTHONY AVE/BYRON<br>OTTAWA CITY ON | CA |
| Certificate #:               |                      | 3-1098-96-                 |                  |                                                                |    |
| Application Year:            |                      | 96                         |                  |                                                                |    |
| Issue Date:                  |                      | 9/24/1996                  |                  |                                                                |    |
| Approval Type:               |                      | Municipal sewage           |                  |                                                                |    |
| Status:                      |                      | Approved                   |                  |                                                                |    |
| Application Type:            |                      |                            |                  |                                                                |    |
| Client Name:                 |                      |                            |                  |                                                                |    |
| Client Address:              |                      |                            |                  |                                                                |    |
| Client City:                 |                      |                            |                  |                                                                |    |
| Client Postal Code:          |                      |                            |                  |                                                                |    |
| Project Description:         |                      |                            |                  |                                                                |    |
| Contaminants:                |                      |                            |                  |                                                                |    |
| Emission Control:            |                      |                            |                  |                                                                |    |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                              | DB   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------------------------|------|
| <a href="#">77</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 of 1            | ENE/239.0                  | 66.8 / 2.55      | Kiewit Eurovia Vinci Ottawa Partnership<br>Compton Ave and Byron Ave<br>Ottawa ON | SPL  |
| <div> <div> <b>Ref No:</b> 1382-BY4NNP<br/> <b>Year:</b><br/> <b>Incident Dt:</b> 2021/02/10<br/> <b>Dt MOE Arvl on Scn:</b><br/> <b>MOE Reported Dt:</b> 2021/02/10<br/> <b>Dt Document Closed:</b> 2021/04/19<br/> <b>Site No:</b> NA<br/> <b>MOE Response:</b> No<br/> <b>Site County/District:</b><br/> <b>Site Geo Ref Meth:</b><br/> <b>Site District Office:</b> Ottawa<br/> <b>Nearest Watercourse:</b><br/> <b>Site Name:</b> Storm Manhole&lt;UNOFFICIAL&gt;<br/> <b>Site Address:</b> Compton Ave and Byron Ave<br/> <b>Site Region:</b> Eastern<br/> <b>Site Municipality:</b> Ottawa<br/> <b>Site Lot:</b><br/> <b>Site Conc:</b><br/> <b>Site Geo Ref Accu:</b><br/> <b>Site Map Datum:</b><br/> <b>Northing:</b> 5025074.68<br/> <b>Easting:</b> 439278.47<br/> <b>Incident Cause:</b><br/> <b>Incident Preceding Spill:</b> Overflow/Surcharge<br/> <b>Environment Impact:</b><br/> <b>Health Env Consequence:</b><br/> <b>Nature of Impact:</b><br/> <b>Contaminant Qty:</b> 0.2 m³<br/> <b>System Facility Address:</b><br/> <b>Client Name:</b> Kiewit Eurovia Vinci Ottawa Partnership<br/> <b>Client Type:</b> Corporation<br/> <b>Source Type:</b> Unknown / N/A<br/> <b>Contaminant Code:</b> 27<br/> <b>Contaminant Name:</b> CONCRETE<br/> <b>Contaminant Limit 1:</b><br/> <b>Contam Limit Freq 1:</b><br/> <b>Contaminant UN No 1:</b> n/a<br/> <b>Receiving Medium:</b> Land<br/> <b>Incident Reason:</b> Unknown / N/A<br/> <b>Incident Summary:</b> Kiewit: concrete in storm sewer manhole<br/> <b>Activity Preceding Spill:</b><br/> <b>Property 2nd Watershed:</b><br/> <b>Property Tertiary Watershed:</b><br/> <b>Sector Type:</b> Unknown / N/A<br/> <b>SAC Action Class:</b><br/> <b>Call Report Locatn Geodata:</b> </div> <div> <b>Municipality No:</b><br/> <b>Nature of Damage:</b><br/> <b>Discharger Report:</b><br/> <b>Material Group:</b><br/> <b>Impact to Health:</b> 2 - Minor Environment<br/> <b>Agency Involved:</b> </div> </div> |                   |                            |                  |                                                                                   |      |
| <a href="#">78</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 of 1            | ENE/240.8                  | 69.9 / 5.61      | ON                                                                                | WWIS |
| <div> <div> <b>Well ID:</b> 1508044<br/> <b>Construction Date:</b><br/> <b>Use 1st:</b> Domestic<br/> <b>Use 2nd:</b> 0<br/> <b>Final Well Status:</b> Water Supply<br/> <b>Water Type:</b><br/> <b>Casing Material:</b> </div> <div> <b>Flowing (Y/N):</b><br/> <b>Flow Rate:</b><br/> <b>Data Entry Status:</b><br/> <b>Data Src:</b> 1<br/> <b>Date Received:</b> 09/10/1951<br/> <b>Selected Flag:</b> TRUE<br/> <b>Abandonment Rec:</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                            |                  |                                                                                   |      |



| Map Key                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)                                                                              | Site            | DB |
|------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------------------------------|-----------------|----|
| Audit No:                    |                      |                            | Contractor:                                                                                   | 3718            |    |
| Tag:                         |                      |                            | Form Version:                                                                                 | 1               |    |
| Constructn Method:           |                      |                            | Owner:                                                                                        |                 |    |
| Elevation (m):               |                      |                            | County:                                                                                       | OTTAWA-CARLETON |    |
| Elevatn Reliability:         |                      |                            | Lot:                                                                                          |                 |    |
| Depth to Bedrock:            |                      |                            | Concession:                                                                                   |                 |    |
| Well Depth:                  |                      |                            | Concession Name:                                                                              |                 |    |
| Overburden/Bedrock:          |                      |                            | Easting NAD83:                                                                                |                 |    |
| Pump Rate:                   |                      |                            | Northing NAD83:                                                                               |                 |    |
| Static Water Level:          |                      |                            | Zone:                                                                                         |                 |    |
| Clear/Cloudy:                |                      |                            | UTM Reliability:                                                                              |                 |    |
| Municipality:                |                      |                            |                                                                                               |                 |    |
| Site Info:                   |                      |                            |                                                                                               |                 |    |
| PDF URL (Map):               |                      |                            | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508044.pdf |                 |    |
| Additional Detail(s) (Map)   |                      |                            |                                                                                               |                 |    |
| Well Completed Date:         |                      |                            | 08/08/1951                                                                                    |                 |    |
| Year Completed:              |                      |                            | 1951                                                                                          |                 |    |
| Depth (m):                   |                      |                            | 35.9664                                                                                       |                 |    |
| Latitude:                    |                      |                            | 45.3759937115232                                                                              |                 |    |
| Longitude:                   |                      |                            | -75.7749780429255                                                                             |                 |    |
| X:                           |                      |                            | -75.77497788099086                                                                            |                 |    |
| Y:                           |                      |                            | 45.37599370542812                                                                             |                 |    |
| Path:                        |                      |                            | 150\1508044.pdf                                                                               |                 |    |
| Bore Hole Information        |                      |                            |                                                                                               |                 |    |
| Bore Hole ID:                |                      |                            | 10030079                                                                                      |                 |    |
| DP2BR:                       |                      |                            | Elevation:                                                                                    |                 |    |
| Spatial Status:              |                      |                            | Elevrc:                                                                                       |                 |    |
| Code OB:                     |                      |                            | Zone:                                                                                         |                 |    |
| Code OB Desc:                |                      |                            | East83:                                                                                       |                 |    |
| Open Hole:                   |                      |                            | North83:                                                                                      |                 |    |
| Cluster Kind:                |                      |                            | Org CS:                                                                                       |                 |    |
| Date Completed:              |                      |                            | UTMRC:                                                                                        |                 |    |
| Remarks:                     |                      |                            | UTMRC Desc:                                                                                   |                 |    |
| Location Method Desc:        |                      |                            | Location Method:                                                                              |                 |    |
| Elevrc Desc:                 |                      |                            | margin of error : 100 m - 300 m                                                               |                 |    |
| Location Source Date:        |                      |                            | p5                                                                                            |                 |    |
| Improvement Location Source: |                      |                            |                                                                                               |                 |    |
| Improvement Location Method: |                      |                            |                                                                                               |                 |    |
| Source Revision Comment:     |                      |                            |                                                                                               |                 |    |
| Supplier Comment:            |                      |                            |                                                                                               |                 |    |
| Overburden and Bedrock       |                      |                            |                                                                                               |                 |    |
| Materials Interval           |                      |                            |                                                                                               |                 |    |
| Formation ID:                |                      |                            | 931008663                                                                                     |                 |    |
| Layer:                       |                      |                            | 3                                                                                             |                 |    |
| Color:                       |                      |                            | 2                                                                                             |                 |    |
| General Color:               |                      |                            | GREY                                                                                          |                 |    |
| Material 1:                  |                      |                            | 15                                                                                            |                 |    |
| Material 1 Desc:             |                      |                            | LIMESTONE                                                                                     |                 |    |
| Material 2:                  |                      |                            |                                                                                               |                 |    |
| Material 2 Desc:             |                      |                            |                                                                                               |                 |    |
| Material 3:                  |                      |                            |                                                                                               |                 |    |
| Material 3 Desc:             |                      |                            |                                                                                               |                 |    |
| Formation Top Depth:         |                      |                            | 5.0                                                                                           |                 |    |
| Formation End Depth:         |                      |                            | 118.0                                                                                         |                 |    |
| Formation End Depth UOM:     |                      |                            | ft                                                                                            |                 |    |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931008661                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      | 6                          |                  |      |    |
| General Color:                                              |                      | BROWN                      |                  |      |    |
| Material 1:                                                 |                      | 02                         |                  |      |    |
| Material 1 Desc:                                            |                      | TOPSOIL                    |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 2.0                        |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 931008662                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 17                         |                  |      |    |
| Material 1 Desc:                                            |                      | SHALE                      |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 2.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 5.0                        |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961508044                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10578649                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930052815                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Material:                                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 118.0                      |                  |      |    |
| Casing Diameter:                                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                  |      |    |
| Casing ID:                                  |                      | 930052814                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Material:                                   |                      | 1                          |                  |      |    |
| Open Hole or Material:                      |                      | STEEL                      |                  |      |    |
| Depth From:                                 |                      |                            |                  |      |    |
| Depth To:                                   |                      | 14.0                       |                  |      |    |
| Casing Diameter:                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                           |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |      |    |
| Pumping Test Method Desc:                   |                      | PUMP                       |                  |      |    |
| Pump Test ID:                               |                      | 991508044                  |                  |      |    |
| Pump Set At:                                |                      |                            |                  |      |    |
| Static Level:                               |                      | 20.0                       |                  |      |    |
| Final Level After Pumping:                  |                      | 25.0                       |                  |      |    |
| Recommended Pump Depth:                     |                      |                            |                  |      |    |
| Pumping Rate:                               |                      | 3.0                        |                  |      |    |
| Flowing Rate:                               |                      |                            |                  |      |    |
| Recommended Pump Rate:                      |                      |                            |                  |      |    |
| Levels UOM:                                 |                      | ft                         |                  |      |    |
| Rate UOM:                                   |                      | GPM                        |                  |      |    |
| Water State After Test Code:                |                      | 1                          |                  |      |    |
| Water State After Test:                     |                      | CLEAR                      |                  |      |    |
| Pumping Test Method:                        |                      | 1                          |                  |      |    |
| Pumping Duration HR:                        |                      | 1                          |                  |      |    |
| Pumping Duration MIN:                       |                      | 0                          |                  |      |    |
| Flowing:                                    |                      | No                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933462388                  |                  |      |    |
| Layer:                                      |                      | 2                          |                  |      |    |
| Kind Code:                                  |                      | 1                          |                  |      |    |
| Kind:                                       |                      | FRESH                      |                  |      |    |
| Water Found Depth:                          |                      | 72.0                       |                  |      |    |
| Water Found Depth UOM:                      |                      | ft                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933462390                  |                  |      |    |
| Layer:                                      |                      | 4                          |                  |      |    |
| Kind Code:                                  |                      | 1                          |                  |      |    |
| Kind:                                       |                      | FRESH                      |                  |      |    |
| Water Found Depth:                          |                      | 105.0                      |                  |      |    |
| Water Found Depth UOM:                      |                      | ft                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933462387                  |                  |      |    |
| Layer:                                      |                      | 1                          |                  |      |    |
| Kind Code:                                  |                      | 1                          |                  |      |    |
| Kind:                                       |                      | FRESH                      |                  |      |    |
| Water Found Depth:                          |                      | 30.0                       |                  |      |    |
| Water Found Depth UOM:                      |                      | ft                         |                  |      |    |
| <b><u>Water Details</u></b>                 |                      |                            |                  |      |    |
| Water ID:                                   |                      | 933462389                  |                  |      |    |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site | DB   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|------|------|
| <div>Layer:3</div> <div>Kind Code:1</div> <div>Kind:FRESH</div> <div>Water Found Depth:90.0</div> <div>Water Found Depth UOM:ft</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                                                                                               |                  |      |      |
| <div>Water Details</div> <div>Water ID:933462391</div> <div>Layer:5</div> <div>Kind Code:1</div> <div>Kind:FRESH</div> <div>Water Found Depth:115.0</div> <div>Water Found Depth UOM:ft</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                                                               |                  |      |      |
| <a href="#">79</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 of 1               | WNW/241.4                                                                                     | 52.9 / -11.39    | ON   | WWIS |
| <div>Well ID:1508898</div> <div>Construction Date:</div> <div>Use 1st:Domestic</div> <div>Use 2nd:0</div> <div>Final Well Status:Water Supply</div> <div>Water Type:</div> <div>Casing Material:</div> <div>Audit No:</div> <div>Tag:</div> <div>Constructn Method:</div> <div>Elevation (m):</div> <div>Elevatn Reliabilty:</div> <div>Depth to Bedrock:</div> <div>Well Depth:</div> <div>Overburden/Bedrock:</div> <div>Pump Rate:</div> <div>Static Water Level:</div> <div>Clear/Cloudy:</div> <div>Municipality:OTTAWA CITY</div> <div>Site Info:</div> <div>Flowing (Y/N):</div> <div>Flow Rate:</div> <div>Data Entry Status:</div> <div>Data Src:1</div> <div>Date Received:06/20/1950</div> <div>Selected Flag:TRUE</div> <div>Abandonment Rec:</div> <div>Contractor:4216</div> <div>Form Version:1</div> <div>Owner:</div> <div>County:OTTAWA-CARLETON</div> <div>Lot:</div> <div>Concession:</div> <div>Concession Name:</div> <div>Easting NAD83:</div> <div>Northing NAD83:</div> <div>Zone:</div> <div>UTM Reliability:</div> |                      |                                                                                               |                  |      |      |
| PDF URL (Map):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508898.pdf |                  |      |      |
| <div>Additional Detail(s) (Map)</div> <div>Well Completed Date:06/10/1950</div> <div>Year Completed:1950</div> <div>Depth (m):18.288</div> <div>Latitude:45.3764918878244</div> <div>Longitude:-75.7811293731265</div> <div>X:-75.78112921139626</div> <div>Y:45.37649188128358</div> <div>Path:150\1508898.pdf</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                                                                                               |                  |      |      |
| <div>Bore Hole Information</div> <div>Bore Hole ID:10030932</div> <div>DP2BR:</div> <div>Spatial Status:</div> <div>Code OB:</div> <div>Code OB Desc:</div> <div>Open Hole:</div> <div>Cluster Kind:</div> <div>Date Completed:06/10/1950</div> <div>Elevation:</div> <div>Elevrc:</div> <div>Zone:18</div> <div>East83:438839.60</div> <div>North83:5025072.00</div> <div>Org CS:</div> <div>UTMRC:5</div> <div>UTMRC Desc:margin of error : 100 m - 300 m</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                                                                                               |                  |      |      |



| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB  |
|------------------------------------------|----------------------|----------------------------|------------------|------------------|-----|
| <hr/>                                    |                      |                            |                  |                  |     |
| Remarks:                                 |                      |                            |                  | Location Method: | gis |
| Location Method Desc:                    |                      | from gis                   |                  |                  |     |
| Elevrc Desc:                             |                      |                            |                  |                  |     |
| Location Source Date:                    |                      |                            |                  |                  |     |
| Improvement Location Source:             |                      |                            |                  |                  |     |
| Improvement Location Method:             |                      |                            |                  |                  |     |
| Source Revision Comment:                 |                      |                            |                  |                  |     |
| Supplier Comment:                        |                      |                            |                  |                  |     |
| <br>                                     |                      |                            |                  |                  |     |
| <u>Overburden and Bedrock</u>            |                      |                            |                  |                  |     |
| <u>Materials Interval</u>                |                      |                            |                  |                  |     |
| Formation ID:                            |                      | 931010899                  |                  |                  |     |
| Layer:                                   |                      | 2                          |                  |                  |     |
| Color:                                   |                      |                            |                  |                  |     |
| General Color:                           |                      |                            |                  |                  |     |
| Material 1:                              |                      | 17                         |                  |                  |     |
| Material 1 Desc:                         |                      | SHALE                      |                  |                  |     |
| Material 2:                              |                      |                            |                  |                  |     |
| Material 2 Desc:                         |                      |                            |                  |                  |     |
| Material 3:                              |                      |                            |                  |                  |     |
| Material 3 Desc:                         |                      |                            |                  |                  |     |
| Formation Top Depth:                     |                      | 6.0                        |                  |                  |     |
| Formation End Depth:                     |                      | 9.0                        |                  |                  |     |
| Formation End Depth UOM:                 |                      | ft                         |                  |                  |     |
| <br>                                     |                      |                            |                  |                  |     |
| <u>Overburden and Bedrock</u>            |                      |                            |                  |                  |     |
| <u>Materials Interval</u>                |                      |                            |                  |                  |     |
| Formation ID:                            |                      | 931010898                  |                  |                  |     |
| Layer:                                   |                      | 1                          |                  |                  |     |
| Color:                                   |                      |                            |                  |                  |     |
| General Color:                           |                      |                            |                  |                  |     |
| Material 1:                              |                      | 02                         |                  |                  |     |
| Material 1 Desc:                         |                      | TOPSOIL                    |                  |                  |     |
| Material 2:                              |                      |                            |                  |                  |     |
| Material 2 Desc:                         |                      |                            |                  |                  |     |
| Material 3:                              |                      |                            |                  |                  |     |
| Material 3 Desc:                         |                      |                            |                  |                  |     |
| Formation Top Depth:                     |                      | 0.0                        |                  |                  |     |
| Formation End Depth:                     |                      | 6.0                        |                  |                  |     |
| Formation End Depth UOM:                 |                      | ft                         |                  |                  |     |
| <br>                                     |                      |                            |                  |                  |     |
| <u>Overburden and Bedrock</u>            |                      |                            |                  |                  |     |
| <u>Materials Interval</u>                |                      |                            |                  |                  |     |
| Formation ID:                            |                      | 931010900                  |                  |                  |     |
| Layer:                                   |                      | 3                          |                  |                  |     |
| Color:                                   |                      |                            |                  |                  |     |
| General Color:                           |                      |                            |                  |                  |     |
| Material 1:                              |                      | 15                         |                  |                  |     |
| Material 1 Desc:                         |                      | LIMESTONE                  |                  |                  |     |
| Material 2:                              |                      |                            |                  |                  |     |
| Material 2 Desc:                         |                      |                            |                  |                  |     |
| Material 3:                              |                      |                            |                  |                  |     |
| Material 3 Desc:                         |                      |                            |                  |                  |     |
| Formation Top Depth:                     |                      | 9.0                        |                  |                  |     |
| Formation End Depth:                     |                      | 60.0                       |                  |                  |     |
| Formation End Depth UOM:                 |                      | ft                         |                  |                  |     |
| <br>                                     |                      |                            |                  |                  |     |
| <u>Method of Construction &amp; Well</u> |                      |                            |                  |                  |     |
| <u>Use</u>                               |                      |                            |                  |                  |     |



| <b>Map Key</b>                                  | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <hr/>                                           |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                  |                              | 961508898                          |                          |             |           |
| <b>Method Construction Code:</b>                |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                     |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>               |                              |                                    |                          |             |           |
| <br><b><u>Pipe Information</u></b>              |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                 |                              | 10579502                           |                          |             |           |
| <b>Casing No:</b>                               |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                 |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                |                              |                                    |                          |             |           |
| <br><b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                              | 930054496                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                              |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                |                              | 9.0                                |                          |             |           |
| <b>Casing Diameter:</b>                         |                              | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                     |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                        |                              | ft                                 |                          |             |           |
| <br><b><u>Construction Record - Casing</u></b>  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                              | 930054497                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                              |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                |                              | 60.0                               |                          |             |           |
| <b>Casing Diameter:</b>                         |                              | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                     |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                        |                              | ft                                 |                          |             |           |
| <br><b><u>Results of Well Yield Testing</u></b> |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                |                              | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                            |                              | 991508898                          |                          |             |           |
| <b>Pump Set At:</b>                             |                              |                                    |                          |             |           |
| <b>Static Level:</b>                            |                              | 6.0                                |                          |             |           |
| <b>Final Level After Pumping:</b>               |                              | 8.0                                |                          |             |           |
| <b>Recommended Pump Depth:</b>                  |                              |                                    |                          |             |           |
| <b>Pumping Rate:</b>                            |                              | 30.0                               |                          |             |           |
| <b>Flowing Rate:</b>                            |                              |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>                   |                              |                                    |                          |             |           |
| <b>Levels UOM:</b>                              |                              | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                                |                              | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>             |                              | 1                                  |                          |             |           |
| <b>Water State After Test:</b>                  |                              | CLEAR                              |                          |             |           |
| <b>Pumping Test Method:</b>                     |                              | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                     |                              | 0                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                    |                              | 20                                 |                          |             |           |
| <b>Flowing:</b>                                 |                              | No                                 |                          |             |           |
| <br><b><u>Water Details</u></b>                 |                              |                                    |                          |             |           |
| <b>Water ID:</b>                                |                              | 933463600                          |                          |             |           |
| <b>Layer:</b>                                   |                              | 1                                  |                          |             |           |
| <b>Kind Code:</b>                               |                              | 1                                  |                          |             |           |



| Map Key                           | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site               | DB   |
|-----------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|--------------------|------|
| Kind:                             |                      | FRESH                                                                                         |                  |                    |      |
| Water Found Depth:                |                      | 60.0                                                                                          |                  |                    |      |
| Water Found Depth UOM:            |                      | ft                                                                                            |                  |                    |      |
|                                   |                      |                                                                                               |                  |                    |      |
| <a href="#">80</a>                | 1 of 1               | ESE/241.5                                                                                     | 70.9 / 6.61      | ON                 | WWIS |
| Well ID:                          |                      | 1507780                                                                                       |                  | Flowing (Y/N):     |      |
| Construction Date:                |                      |                                                                                               |                  | Flow Rate:         |      |
| Use 1st:                          |                      | Domestic                                                                                      |                  | Data Entry Status: |      |
| Use 2nd:                          |                      | 0                                                                                             |                  | Data Src:          |      |
| Final Well Status:                |                      | Water Supply                                                                                  |                  | Date Received:     |      |
| Water Type:                       |                      |                                                                                               |                  | Selected Flag:     |      |
| Casing Material:                  |                      |                                                                                               |                  | Abandonment Rec:   |      |
| Audit No:                         |                      |                                                                                               |                  | Contractor:        |      |
| Tag:                              |                      |                                                                                               |                  | Form Version:      |      |
| Constructn Method:                |                      |                                                                                               |                  | Owner:             |      |
| Elevation (m):                    |                      |                                                                                               |                  | County:            |      |
| Elevatn Reliabilty:               |                      |                                                                                               |                  | Lot:               |      |
| Depth to Bedrock:                 |                      |                                                                                               |                  | Concession:        |      |
| Well Depth:                       |                      |                                                                                               |                  | Concession Name:   |      |
| Overburden/Bedrock:               |                      |                                                                                               |                  | Easting NAD83:     |      |
| Pump Rate:                        |                      |                                                                                               |                  | Northing NAD83:    |      |
| Static Water Level:               |                      |                                                                                               |                  | Zone:              |      |
| Clear/Cloudy:                     |                      |                                                                                               |                  | UTM Reliability:   |      |
| Municipality:                     |                      | OTTAWA CITY                                                                                   |                  |                    |      |
| Site Info:                        |                      |                                                                                               |                  |                    |      |
| PDF URL (Map):                    |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507780.pdf |                  |                    |      |
| <u>Additional Detail(s) (Map)</u> |                      |                                                                                               |                  |                    |      |
| Well Completed Date:              |                      | 07/10/1950                                                                                    |                  |                    |      |
| Year Completed:                   |                      | 1950                                                                                          |                  |                    |      |
| Depth (m):                        |                      | 30.48                                                                                         |                  |                    |      |
| Latitude:                         |                      | 45.3731992196432                                                                              |                  |                    |      |
| Longitude:                        |                      | -75.775578427072                                                                              |                  |                    |      |
| X:                                |                      | -75.77557826555805                                                                            |                  |                    |      |
| Y:                                |                      | 45.37319921299085                                                                             |                  |                    |      |
| Path:                             |                      | 150\1507780.pdf                                                                               |                  |                    |      |
| <u>Bore Hole Information</u>      |                      |                                                                                               |                  |                    |      |
| Bore Hole ID:                     |                      | 10029815                                                                                      |                  | Elevation:         |      |
| DP2BR:                            |                      |                                                                                               |                  | Elevrc:            |      |
| Spatial Status:                   |                      |                                                                                               |                  | Zone:              |      |
| Code OB:                          |                      |                                                                                               |                  | East83:            |      |
| Code OB Desc:                     |                      |                                                                                               |                  | North83:           |      |
| Open Hole:                        |                      |                                                                                               |                  | Org CS:            |      |
| Cluster Kind:                     |                      |                                                                                               |                  | UTMRC:             |      |
| Date Completed:                   |                      | 07/10/1950                                                                                    |                  | UTMRC Desc:        |      |
| Remarks:                          |                      |                                                                                               |                  | Location Method:   |      |
| Location Method Desc:             |                      | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  |                    |      |
| Elevrc Desc:                      |                      |                                                                                               |                  |                    |      |
| Location Source Date:             |                      |                                                                                               |                  |                    |      |
| Improvement Location Source:      |                      |                                                                                               |                  |                    |      |
| Improvement Location Method:      |                      |                                                                                               |                  |                    |      |
| Source Revision Comment:          |                      |                                                                                               |                  |                    |      |
| Supplier Comment:                 |                      |                                                                                               |                  |                    |      |
| <u>Overburden and Bedrock</u>     |                      |                                                                                               |                  |                    |      |
| <u>Materials Interval</u>         |                      |                                                                                               |                  |                    |      |



| Map Key                                              | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
|                                                      |                      |                            |                  |      |    |
| Formation ID:                                        |                      | 931008010                  |                  |      |    |
| Layer:                                               |                      | 2                          |                  |      |    |
| Color:                                               |                      | 3                          |                  |      |    |
| General Color:                                       |                      | BLUE                       |                  |      |    |
| Material 1:                                          |                      | 17                         |                  |      |    |
| Material 1 Desc:                                     |                      | SHALE                      |                  |      |    |
| Material 2:                                          |                      | 26                         |                  |      |    |
| Material 2 Desc:                                     |                      | ROCK                       |                  |      |    |
| Material 3:                                          |                      |                            |                  |      |    |
| Material 3 Desc:                                     |                      |                            |                  |      |    |
| Formation Top Depth:                                 |                      | 10.0                       |                  |      |    |
| Formation End Depth:                                 |                      | 100.0                      |                  |      |    |
| Formation End Depth UOM:                             |                      | ft                         |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| <u>Overburden and Bedrock<br/>Materials Interval</u> |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| Formation ID:                                        |                      | 931008009                  |                  |      |    |
| Layer:                                               |                      | 1                          |                  |      |    |
| Color:                                               |                      | 3                          |                  |      |    |
| General Color:                                       |                      | BLUE                       |                  |      |    |
| Material 1:                                          |                      | 05                         |                  |      |    |
| Material 1 Desc:                                     |                      | CLAY                       |                  |      |    |
| Material 2:                                          |                      |                            |                  |      |    |
| Material 2 Desc:                                     |                      |                            |                  |      |    |
| Material 3:                                          |                      |                            |                  |      |    |
| Material 3 Desc:                                     |                      |                            |                  |      |    |
| Formation Top Depth:                                 |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                 |                      | 10.0                       |                  |      |    |
| Formation End Depth UOM:                             |                      | ft                         |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| <u>Method of Construction &amp; Well<br/>Use</u>     |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| Method Construction ID:                              |                      | 961507780                  |                  |      |    |
| Method Construction Code:                            |                      | 1                          |                  |      |    |
| Method Construction:                                 |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                           |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| <u>Pipe Information</u>                              |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| Pipe ID:                                             |                      | 10578385                   |                  |      |    |
| Casing No:                                           |                      | 1                          |                  |      |    |
| Comment:                                             |                      |                            |                  |      |    |
| Alt Name:                                            |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| <u>Construction Record - Casing</u>                  |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| Casing ID:                                           |                      | 930052296                  |                  |      |    |
| Layer:                                               |                      | 2                          |                  |      |    |
| Material:                                            |                      | 4                          |                  |      |    |
| Open Hole or Material:                               |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                          |                      |                            |                  |      |    |
| Depth To:                                            |                      | 100.0                      |                  |      |    |
| Casing Diameter:                                     |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                 |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                    |                      | ft                         |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| <u>Construction Record - Casing</u>                  |                      |                            |                  |      |    |
|                                                      |                      |                            |                  |      |    |
| Casing ID:                                           |                      | 930052295                  |                  |      |    |



| Map Key                                     | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site               | DB             |
|---------------------------------------------|-------------------|----------------------------|--------------------|--------------------|----------------|
| Layer:                                      | 1                 |                            |                    |                    |                |
| Material:                                   | 1                 |                            |                    |                    |                |
| Open Hole or Material:                      | STEEL             |                            |                    |                    |                |
| Depth From:                                 |                   |                            |                    |                    |                |
| Depth To:                                   | 15.0              |                            |                    |                    |                |
| Casing Diameter:                            | 4.0               |                            |                    |                    |                |
| Casing Diameter UOM:                        | inch              |                            |                    |                    |                |
| Casing Depth UOM:                           | ft                |                            |                    |                    |                |
| <b><u>Results of Well Yield Testing</u></b> |                   |                            |                    |                    |                |
| Pumping Test Method Desc:                   | PUMP              |                            |                    |                    |                |
| Pump Test ID:                               | 991507780         |                            |                    |                    |                |
| Pump Set At:                                |                   |                            |                    |                    |                |
| Static Level:                               | 25.0              |                            |                    |                    |                |
| Final Level After Pumping:                  | 38.0              |                            |                    |                    |                |
| Recommended Pump Depth:                     |                   |                            |                    |                    |                |
| Pumping Rate:                               | 5.0               |                            |                    |                    |                |
| Flowing Rate:                               |                   |                            |                    |                    |                |
| Recommended Pump Rate:                      |                   |                            |                    |                    |                |
| Levels UOM:                                 | ft                |                            |                    |                    |                |
| Rate UOM:                                   | GPM               |                            |                    |                    |                |
| Water State After Test Code:                | 1                 |                            |                    |                    |                |
| Water State After Test:                     | CLEAR             |                            |                    |                    |                |
| Pumping Test Method:                        | 1                 |                            |                    |                    |                |
| Pumping Duration HR:                        | 2                 |                            |                    |                    |                |
| Pumping Duration MIN:                       | 30                |                            |                    |                    |                |
| Flowing:                                    | No                |                            |                    |                    |                |
| <b><u>Water Details</u></b>                 |                   |                            |                    |                    |                |
| Water ID:                                   | 933462026         |                            |                    |                    |                |
| Layer:                                      | 1                 |                            |                    |                    |                |
| Kind Code:                                  | 1                 |                            |                    |                    |                |
| Kind:                                       | FRESH             |                            |                    |                    |                |
| Water Found Depth:                          | 100.0             |                            |                    |                    |                |
| Water Found Depth UOM:                      | ft                |                            |                    |                    |                |
| <hr/>                                       |                   |                            |                    |                    |                |
| <b><u>81</u></b>                            | <b>1 of 1</b>     | <b>E/242.4</b>             | <b>70.9 / 6.61</b> | <b>ON</b>          | <b>BORE</b>    |
| Borehole ID:                                | 611020            |                            |                    | Inclin FLG:        | No             |
| OGF ID:                                     | 215512529         |                            |                    | SP Status:         | Initial Entry  |
| Status:                                     |                   |                            |                    | Surv Elev:         | No             |
| Type:                                       | Borehole          |                            |                    | Piezometer:        | No             |
| Use:                                        |                   |                            |                    | Primary Name:      |                |
| Completion Date:                            | JAN-1951          |                            |                    | Municipality:      |                |
| Static Water Level:                         |                   |                            |                    | Lot:               |                |
| Primary Water Use:                          |                   |                            |                    | Township:          |                |
| Sec. Water Use:                             |                   |                            |                    | Latitude DD:       | 45.374061      |
| Total Depth m:                              | 28                |                            |                    | Longitude DD:      | -75.774825     |
| Depth Ref:                                  | Ground Surface    |                            |                    | UTM Zone:          | 18             |
| Depth Elev:                                 |                   |                            |                    | Easting:           | 439331         |
| Drill Method:                               |                   |                            |                    | Northing:          | 5024797        |
| Orig Ground Elev m:                         | 70.1              |                            |                    | Location Accuracy: |                |
| Elev Reliabil Note:                         |                   |                            |                    | Accuracy:          | Not Applicable |
| DEM Ground Elev m:                          | 75.3              |                            |                    |                    |                |
| Concession:                                 |                   |                            |                    |                    |                |
| Location D:                                 |                   |                            |                    |                    |                |
| Survey D:                                   |                   |                            |                    |                    |                |
| Comments:                                   |                   |                            |                    |                    |                |



| Map Key                                | Number of<br>Records                                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                       | DB                            |
|----------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------------|----------------------------|-------------------------------|
| <b><u>Borehole Geology Stratum</u></b> |                                                                                               |                            |                  |                            |                               |
| <b>Geology Stratum ID:</b>             | 218387251                                                                                     |                            |                  | <b>Mat Consistency:</b>    | Dense                         |
| <b>Top Depth:</b>                      | 1.8                                                                                           |                            |                  | <b>Material Moisture:</b>  |                               |
| <b>Bottom Depth:</b>                   | 28                                                                                            |                            |                  | <b>Material Texture:</b>   |                               |
| <b>Material Color:</b>                 | White                                                                                         |                            |                  | <b>Non Geo Mat Type:</b>   |                               |
| <b>Material 1:</b>                     | Limestone                                                                                     |                            |                  | <b>Geologic Formation:</b> |                               |
| <b>Material 2:</b>                     |                                                                                               |                            |                  | <b>Geologic Group:</b>     |                               |
| <b>Material 3:</b>                     |                                                                                               |                            |                  | <b>Geologic Period:</b>    |                               |
| <b>Material 4:</b>                     |                                                                                               |                            |                  | <b>Depositional Gen:</b>   |                               |
| <b>Gsc Material Description:</b>       |                                                                                               |                            |                  |                            |                               |
| <b>Stratum Description:</b>            | LIMESTONE. 00060MESTONE,SHALE. LIMESTONE. WHITE. 00075AVEL. DENSE. SILT,SAND,CLAY. DE         |                            |                  |                            |                               |
|                                        | **Note: Many records provided by the department have a truncated [Stratum Description] field. |                            |                  |                            |                               |
| <b>Geology Stratum ID:</b>             | 218387250                                                                                     |                            |                  | <b>Mat Consistency:</b>    |                               |
| <b>Top Depth:</b>                      | 0                                                                                             |                            |                  | <b>Material Moisture:</b>  |                               |
| <b>Bottom Depth:</b>                   | 1.8                                                                                           |                            |                  | <b>Material Texture:</b>   |                               |
| <b>Material Color:</b>                 |                                                                                               |                            |                  | <b>Non Geo Mat Type:</b>   |                               |
| <b>Material 1:</b>                     | Clay                                                                                          |                            |                  | <b>Geologic Formation:</b> |                               |
| <b>Material 2:</b>                     |                                                                                               |                            |                  | <b>Geologic Group:</b>     |                               |
| <b>Material 3:</b>                     |                                                                                               |                            |                  | <b>Geologic Period:</b>    |                               |
| <b>Material 4:</b>                     |                                                                                               |                            |                  | <b>Depositional Gen:</b>   |                               |
| <b>Gsc Material Description:</b>       |                                                                                               |                            |                  |                            |                               |
| <b>Stratum Description:</b>            | CLAY.                                                                                         |                            |                  |                            |                               |
| <b><u>Source</u></b>                   |                                                                                               |                            |                  |                            |                               |
| <b>Source Type:</b>                    | Data Survey                                                                                   |                            |                  | <b>Source Appl:</b>        | Spatial/Tabular               |
| <b>Source Orig:</b>                    | Geological Survey of Canada                                                                   |                            |                  | <b>Source Iden:</b>        | 1                             |
| <b>Source Date:</b>                    | 1956-1972                                                                                     |                            |                  | <b>Scale or Res:</b>       | Varies                        |
| <b>Confidence:</b>                     |                                                                                               |                            |                  | <b>Horizontal:</b>         | NAD27                         |
| <b>Observatio:</b>                     |                                                                                               |                            |                  | <b>Verticalda:</b>         | Mean Average Sea Level        |
| <b>Source Name:</b>                    | Urban Geology Automated Information System (UGAIS)                                            |                            |                  |                            |                               |
| <b>Source Details:</b>                 | File: OTTAWA1.txt RecordID: 03528 NTS_Sheet:                                                  |                            |                  |                            |                               |
| <b>Confiden 1:</b>                     |                                                                                               |                            |                  |                            |                               |
| <b><u>Source List</u></b>              |                                                                                               |                            |                  |                            |                               |
| <b>Source Identifier:</b>              | 1                                                                                             |                            |                  | <b>Horizontal Datum:</b>   | NAD27                         |
| <b>Source Type:</b>                    | Data Survey                                                                                   |                            |                  | <b>Vertical Datum:</b>     | Mean Average Sea Level        |
| <b>Source Date:</b>                    | 1956-1972                                                                                     |                            |                  | <b>Projection Name:</b>    | Universal Transverse Mercator |
| <b>Scale or Resolution:</b>            | Varies                                                                                        |                            |                  |                            |                               |
| <b>Source Name:</b>                    | Urban Geology Automated Information System (UGAIS)                                            |                            |                  |                            |                               |
| <b>Source Originators:</b>             | Geological Survey of Canada                                                                   |                            |                  |                            |                               |
|                                        |                                                                                               |                            |                  |                            |                               |
| <a href="#">82</a>                     | 1 of 1                                                                                        | E/242.5                    | 70.9 / 6.61      | ON                         | WWIS                          |
| <b>Well ID:</b>                        | 1507805                                                                                       |                            |                  | <b>Flowing (Y/N):</b>      |                               |
| <b>Construction Date:</b>              |                                                                                               |                            |                  | <b>Flow Rate:</b>          |                               |
| <b>Use 1st:</b>                        | Domestic                                                                                      |                            |                  | <b>Data Entry Status:</b>  |                               |
| <b>Use 2nd:</b>                        | 0                                                                                             |                            |                  | <b>Data Src:</b>           | 1                             |
| <b>Final Well Status:</b>              | Water Supply                                                                                  |                            |                  | <b>Date Received:</b>      | 02/27/1951                    |
| <b>Water Type:</b>                     |                                                                                               |                            |                  | <b>Selected Flag:</b>      | TRUE                          |
| <b>Casing Material:</b>                |                                                                                               |                            |                  | <b>Abandonment Rec:</b>    |                               |
| <b>Audit No:</b>                       |                                                                                               |                            |                  | <b>Contractor:</b>         | 4216                          |
| <b>Tag:</b>                            |                                                                                               |                            |                  | <b>Form Version:</b>       | 1                             |
| <b>Constructn Method:</b>              |                                                                                               |                            |                  | <b>Owner:</b>              |                               |
| <b>Elevation (m):</b>                  |                                                                                               |                            |                  | <b>County:</b>             | OTTAWA-CARLETON               |
| <b>Elevatn Reliabilty:</b>             |                                                                                               |                            |                  | <b>Lot:</b>                |                               |
| <b>Depth to Bedrock:</b>               |                                                                                               |                            |                  | <b>Concession:</b>         |                               |
| <b>Well Depth:</b>                     |                                                                                               |                            |                  | <b>Concession Name:</b>    |                               |
| <b>Overburden/Bedrock:</b>             |                                                                                               |                            |                  | <b>Easting NAD83:</b>      |                               |



| Map Key                           | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site             | DB          |
|-----------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|------------------|-------------|
| Pump Rate:                        |                      |                                                                                               |                  | Northing NAD83:  |             |
| Static Water Level:               |                      |                                                                                               |                  | Zone:            |             |
| Clear/Cloudy:                     |                      |                                                                                               |                  | UTM Reliability: |             |
| Municipality:                     |                      | OTTAWA CITY                                                                                   |                  |                  |             |
| Site Info:                        |                      |                                                                                               |                  |                  |             |
| PDF URL (Map):                    |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507805.pdf |                  |                  |             |
| <u>Additional Detail(s) (Map)</u> |                      |                                                                                               |                  |                  |             |
| Well Completed Date:              |                      | 01/11/1951                                                                                    |                  |                  |             |
| Year Completed:                   |                      | 1951                                                                                          |                  |                  |             |
| Depth (m):                        |                      | 28.0416                                                                                       |                  |                  |             |
| Latitude:                         |                      | 45.3740594685237                                                                              |                  |                  |             |
| Longitude:                        |                      | -75.774823909681                                                                              |                  |                  |             |
| X:                                |                      | -75.7748237482699                                                                             |                  |                  |             |
| Y:                                |                      | 45.37405946202071                                                                             |                  |                  |             |
| Path:                             |                      | 150\1507805.pdf                                                                               |                  |                  |             |
| <u>Bore Hole Information</u>      |                      |                                                                                               |                  |                  |             |
| Bore Hole ID:                     |                      | 10029840                                                                                      |                  | Elevation:       |             |
| DP2BR:                            |                      |                                                                                               |                  | Elevrc:          |             |
| Spatial Status:                   |                      |                                                                                               |                  | Zone:            | 18          |
| Code OB:                          |                      |                                                                                               |                  | East83:          | 439330.70   |
| Code OB Desc:                     |                      |                                                                                               |                  | North83:         | 5024797.00  |
| Open Hole:                        |                      |                                                                                               |                  | Org CS:          |             |
| Cluster Kind:                     |                      |                                                                                               |                  | UTMRC:           | 9           |
| Date Completed:                   |                      | 01/11/1951                                                                                    |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                          |                      |                                                                                               |                  | Location Method: | p9          |
| Location Method Desc:             |                      | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  |                  |             |
| Elevrc Desc:                      |                      |                                                                                               |                  |                  |             |
| Location Source Date:             |                      |                                                                                               |                  |                  |             |
| Improvement Location Source:      |                      |                                                                                               |                  |                  |             |
| Improvement Location Method:      |                      |                                                                                               |                  |                  |             |
| Source Revision Comment:          |                      |                                                                                               |                  |                  |             |
| Supplier Comment:                 |                      |                                                                                               |                  |                  |             |
| <u>Overburden and Bedrock</u>     |                      |                                                                                               |                  |                  |             |
| <u>Materials Interval</u>         |                      |                                                                                               |                  |                  |             |
| Formation ID:                     |                      | 931008074                                                                                     |                  |                  |             |
| Layer:                            |                      | 1                                                                                             |                  |                  |             |
| Color:                            |                      |                                                                                               |                  |                  |             |
| General Color:                    |                      |                                                                                               |                  |                  |             |
| Material 1:                       |                      | 05                                                                                            |                  |                  |             |
| Material 1 Desc:                  |                      | CLAY                                                                                          |                  |                  |             |
| Material 2:                       |                      |                                                                                               |                  |                  |             |
| Material 2 Desc:                  |                      |                                                                                               |                  |                  |             |
| Material 3:                       |                      |                                                                                               |                  |                  |             |
| Material 3 Desc:                  |                      |                                                                                               |                  |                  |             |
| Formation Top Depth:              |                      | 0.0                                                                                           |                  |                  |             |
| Formation End Depth:              |                      | 6.0                                                                                           |                  |                  |             |
| Formation End Depth UOM:          |                      | ft                                                                                            |                  |                  |             |
| <u>Overburden and Bedrock</u>     |                      |                                                                                               |                  |                  |             |
| <u>Materials Interval</u>         |                      |                                                                                               |                  |                  |             |
| Formation ID:                     |                      | 931008075                                                                                     |                  |                  |             |
| Layer:                            |                      | 2                                                                                             |                  |                  |             |
| Color:                            |                      |                                                                                               |                  |                  |             |
| General Color:                    |                      |                                                                                               |                  |                  |             |



| Map Key                                          | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <hr/>                                            |                   |                            |                  |      |    |
| Material 1:                                      |                   | 15                         |                  |      |    |
| Material 1 Desc:                                 |                   | LIMESTONE                  |                  |      |    |
| Material 2:                                      |                   |                            |                  |      |    |
| Material 2 Desc:                                 |                   |                            |                  |      |    |
| Material 3:                                      |                   |                            |                  |      |    |
| Material 3 Desc:                                 |                   |                            |                  |      |    |
| Formation Top Depth:                             |                   | 6.0                        |                  |      |    |
| Formation End Depth:                             |                   | 92.0                       |                  |      |    |
| Formation End Depth UOM:                         |                   | ft                         |                  |      |    |
| <br><u>Method of Construction &amp; Well Use</u> |                   |                            |                  |      |    |
| Method Construction ID:                          |                   | 961507805                  |                  |      |    |
| Method Construction Code:                        |                   | 1                          |                  |      |    |
| Method Construction:                             |                   | Cable Tool                 |                  |      |    |
| Other Method Construction:                       |                   |                            |                  |      |    |
| <br><u>Pipe Information</u>                      |                   |                            |                  |      |    |
| Pipe ID:                                         |                   | 10578410                   |                  |      |    |
| Casing No:                                       |                   | 1                          |                  |      |    |
| Comment:                                         |                   |                            |                  |      |    |
| Alt Name:                                        |                   |                            |                  |      |    |
| <br><u>Construction Record - Casing</u>          |                   |                            |                  |      |    |
| Casing ID:                                       |                   | 930052344                  |                  |      |    |
| Layer:                                           |                   | 1                          |                  |      |    |
| Material:                                        |                   | 1                          |                  |      |    |
| Open Hole or Material:                           |                   | STEEL                      |                  |      |    |
| Depth From:                                      |                   |                            |                  |      |    |
| Depth To:                                        |                   | 11.0                       |                  |      |    |
| Casing Diameter:                                 |                   | 4.0                        |                  |      |    |
| Casing Diameter UOM:                             |                   | inch                       |                  |      |    |
| Casing Depth UOM:                                |                   | ft                         |                  |      |    |
| <br><u>Construction Record - Casing</u>          |                   |                            |                  |      |    |
| Casing ID:                                       |                   | 930052345                  |                  |      |    |
| Layer:                                           |                   | 2                          |                  |      |    |
| Material:                                        |                   | 4                          |                  |      |    |
| Open Hole or Material:                           |                   | OPEN HOLE                  |                  |      |    |
| Depth From:                                      |                   |                            |                  |      |    |
| Depth To:                                        |                   | 92.0                       |                  |      |    |
| Casing Diameter:                                 |                   | 4.0                        |                  |      |    |
| Casing Diameter UOM:                             |                   | inch                       |                  |      |    |
| Casing Depth UOM:                                |                   | ft                         |                  |      |    |
| <br><u>Results of Well Yield Testing</u>         |                   |                            |                  |      |    |
| Pumping Test Method Desc:                        |                   | PUMP                       |                  |      |    |
| Pump Test ID:                                    |                   | 991507805                  |                  |      |    |
| Pump Set At:                                     |                   |                            |                  |      |    |
| Static Level:                                    |                   | 15.0                       |                  |      |    |
| Final Level After Pumping:                       |                   | 19.0                       |                  |      |    |
| Recommended Pump Depth:                          |                   |                            |                  |      |    |
| Pumping Rate:                                    |                   | 7.0                        |                  |      |    |
| Flowing Rate:                                    |                   |                            |                  |      |    |
| Recommended Pump Rate:                           |                   |                            |                  |      |    |
| Levels UOM:                                      |                   | ft                         |                  |      |    |
| Rate UOM:                                        |                   | GPM                        |                  |      |    |



| Map Key                                                                                                                                                                                                                                                                                                                                 | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                  | DB  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------------|-----|
| <b>Water State After Test Code:</b> 1<br><b>Water State After Test:</b> CLEAR<br><b>Pumping Test Method:</b> 1<br><b>Pumping Duration HR:</b> 0<br><b>Pumping Duration MIN:</b> 20<br><b>Flowing:</b> No                                                                                                                                |                   |                            |                  |                                                                       |     |
| <u>Water Details</u>                                                                                                                                                                                                                                                                                                                    |                   |                            |                  |                                                                       |     |
| <b>Water ID:</b> 933462065<br><b>Layer:</b> 1<br><b>Kind Code:</b> 1<br><b>Kind:</b> FRESH<br><b>Water Found Depth:</b> 60.0<br><b>Water Found Depth UOM:</b> ft                                                                                                                                                                        |                   |                            |                  |                                                                       |     |
| <u>Water Details</u>                                                                                                                                                                                                                                                                                                                    |                   |                            |                  |                                                                       |     |
| <b>Water ID:</b> 933462066<br><b>Layer:</b> 2<br><b>Kind Code:</b> 1<br><b>Kind:</b> FRESH<br><b>Water Found Depth:</b> 92.0<br><b>Water Found Depth UOM:</b> ft                                                                                                                                                                        |                   |                            |                  |                                                                       |     |
| <a href="#">83</a>                                                                                                                                                                                                                                                                                                                      | 1 of 1            | SW/243.3                   | 62.9 / -1.36     | CCC91<br>1100 Ambleside Drive<br>Ottawa ON K2B 8G6                    | GEN |
| <b>Generator No:</b> ON8836971<br><b>SIC Code:</b><br><b>SIC Description:</b><br><b>Approval Years:</b> As of Oct 2022<br><b>PO Box No:</b><br><b>Country:</b> Canada<br><b>Status:</b> Registered<br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   |                            |                  |                                                                       |     |
| <u>Detail(s)</u>                                                                                                                                                                                                                                                                                                                        |                   |                            |                  |                                                                       |     |
| <b>Waste Class:</b> 251 L<br><b>Waste Class Name:</b> OIL SKIMMINGS & SLUDGES                                                                                                                                                                                                                                                           |                   |                            |                  |                                                                       |     |
| <a href="#">84</a>                                                                                                                                                                                                                                                                                                                      | 1 of 1            | ESE/244.1                  | 70.9 / 6.61      | FRANCIS FUELS<br>235 ALISON AVE. TANK TRUCK (CARGO)<br>OTTAWA CITY ON | SPL |
| <b>Ref No:</b> 109228<br><b>Year:</b><br><b>Incident Dt:</b> 1/17/1995<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 1/17/1995<br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b>                         |                   |                            |                  |                                                                       |     |
| <b>Municipality No:</b> 20101<br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b>                                                                                                                                                                 |                   |                            |                  |                                                                       |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> OTTAWA CITY<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b> CONTAINER OVERFLOW<br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b> NOT ANTICIPATED<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> LAND<br><b>Incident Reason:</b> OTHER<br><b>Incident Summary:</b> FRANCIS FUELS: 1 L OIL OVERFLOWED FROM VENT PIPETO GROUND.<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |          |             |                    |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|-------------|--------------------|------|
| <a href="#">85</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 of 1 | SE/245.5 | 70.9 / 6.61 | lot 25 con 1<br>ON | WWIS |
| <b>Well ID:</b> 1503895<br><b>Construction Date:</b><br><b>Use 1st:</b> Domestic<br><b>Use 2nd:</b> 0<br><b>Final Well Status:</b> Water Supply<br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b><br><b>Tag:</b><br><b>Constructn Method:</b><br><b>Elevation (m):</b><br><b>Elevatn Reliabilty:</b><br><b>Depth to Bedrock:</b><br><b>Well Depth:</b><br><b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Clear/Cloudy:</b><br><b>Municipality:</b> OTTAWA CITY (NEPEAN)<br><b>Site Info:</b><br><b>PDF URL (Map):</b> <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503895.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503895.pdf</a> |        |          |             |                    |      |
| <b>Flowing (Y/N):</b><br><b>Flow Rate:</b><br><b>Data Entry Status:</b><br><b>Data Src:</b> 1<br><b>Date Received:</b> 11/24/1948<br><b>Selected Flag:</b> TRUE<br><b>Abandonment Rec:</b><br><b>Contractor:</b> 4216<br><b>Form Version:</b> 1<br><b>Owner:</b><br><b>County:</b> OTTAWA-CARLETON<br><b>Lot:</b> 025<br><b>Concession:</b> 01<br><b>Concession Name:</b> OF<br><b>Easting NAD83:</b><br><b>Northing NAD83:</b><br><b>Zone:</b><br><b>UTM Reliability:</b>                                                                                                                                                                                                                                                                                                              |        |          |             |                    |      |

**Additional Detail(s) (Map)**



| Map Key                                  | Number of Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site                    | DB          |
|------------------------------------------|-------------------|----------------------------------------------|------------------|-------------------------|-------------|
| <hr/>                                    |                   |                                              |                  |                         |             |
| <b>Well Completed Date:</b>              |                   | 10/30/1948                                   |                  |                         |             |
| <b>Year Completed:</b>                   |                   | 1948                                         |                  |                         |             |
| <b>Depth (m):</b>                        |                   | 24.384                                       |                  |                         |             |
| <b>Latitude:</b>                         |                   | 45.3726557193336                             |                  |                         |             |
| <b>Longitude:</b>                        |                   | -75.7760818363743                            |                  |                         |             |
| <b>X:</b>                                |                   | -75.77608167413618                           |                  |                         |             |
| <b>Y:</b>                                |                   | 45.37265571221749                            |                  |                         |             |
| <b>Path:</b>                             |                   | 150\1503895.pdf                              |                  |                         |             |
| <br><b><u>Bore Hole Information</u></b>  |                   |                                              |                  |                         |             |
| <b>Bore Hole ID:</b>                     | 10025938          |                                              |                  | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                            |                   |                                              |                  | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>                   |                   |                                              |                  | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                          |                   |                                              |                  | <b>East83:</b>          | 439230.70   |
| <b>Code OB Desc:</b>                     |                   |                                              |                  | <b>North83:</b>         | 5024642.00  |
| <b>Open Hole:</b>                        |                   |                                              |                  | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                     |                   |                                              |                  | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>                   | 10/30/1948        |                                              |                  | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                          |                   |                                              |                  | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>             |                   | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                         |             |
| <b>Elevrc Desc:</b>                      |                   |                                              |                  |                         |             |
| <b>Location Source Date:</b>             |                   |                                              |                  |                         |             |
| <b>Improvement Location Source:</b>      |                   |                                              |                  |                         |             |
| <b>Improvement Location Method:</b>      |                   |                                              |                  |                         |             |
| <b>Source Revision Comment:</b>          |                   |                                              |                  |                         |             |
| <b>Supplier Comment:</b>                 |                   |                                              |                  |                         |             |
| <br><b><u>Overburden and Bedrock</u></b> |                   |                                              |                  |                         |             |
| <b><u>Materials Interval</u></b>         |                   |                                              |                  |                         |             |
| <b>Formation ID:</b>                     | 930997829         |                                              |                  |                         |             |
| <b>Layer:</b>                            | 1                 |                                              |                  |                         |             |
| <b>Color:</b>                            |                   |                                              |                  |                         |             |
| <b>General Color:</b>                    |                   |                                              |                  |                         |             |
| <b>Material 1:</b>                       | 05                |                                              |                  |                         |             |
| <b>Material 1 Desc:</b>                  | CLAY              |                                              |                  |                         |             |
| <b>Material 2:</b>                       | 09                |                                              |                  |                         |             |
| <b>Material 2 Desc:</b>                  | MEDIUM SAND       |                                              |                  |                         |             |
| <b>Material 3:</b>                       | 13                |                                              |                  |                         |             |
| <b>Material 3 Desc:</b>                  | BOULDERS          |                                              |                  |                         |             |
| <b>Formation Top Depth:</b>              | 0.0               |                                              |                  |                         |             |
| <b>Formation End Depth:</b>              | 10.0              |                                              |                  |                         |             |
| <b>Formation End Depth UOM:</b>          | ft                |                                              |                  |                         |             |
| <br><b><u>Overburden and Bedrock</u></b> |                   |                                              |                  |                         |             |
| <b><u>Materials Interval</u></b>         |                   |                                              |                  |                         |             |
| <b>Formation ID:</b>                     | 930997830         |                                              |                  |                         |             |
| <b>Layer:</b>                            | 2                 |                                              |                  |                         |             |
| <b>Color:</b>                            |                   |                                              |                  |                         |             |
| <b>General Color:</b>                    |                   |                                              |                  |                         |             |
| <b>Material 1:</b>                       | 15                |                                              |                  |                         |             |
| <b>Material 1 Desc:</b>                  | LIMESTONE         |                                              |                  |                         |             |
| <b>Material 2:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 2 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Material 3:</b>                       |                   |                                              |                  |                         |             |
| <b>Material 3 Desc:</b>                  |                   |                                              |                  |                         |             |
| <b>Formation Top Depth:</b>              | 10.0              |                                              |                  |                         |             |
| <b>Formation End Depth:</b>              | 80.0              |                                              |                  |                         |             |
| <b>Formation End Depth UOM:</b>          | ft                |                                              |                  |                         |             |



| Map Key                                             | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b><u>Method of Construction &amp; Well Use</u></b> |                      |                            |                  |      |    |
| Method Construction ID:                             |                      | 961503895                  |                  |      |    |
| Method Construction Code:                           |                      | 1                          |                  |      |    |
| Method Construction:                                |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                          |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                      |                      |                            |                  |      |    |
| Pipe ID:                                            |                      | 10574508                   |                  |      |    |
| Casing No:                                          |                      | 1                          |                  |      |    |
| Comment:                                            |                      |                            |                  |      |    |
| Alt Name:                                           |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                      |                            |                  |      |    |
| Casing ID:                                          |                      | 930044624                  |                  |      |    |
| Layer:                                              |                      | 1                          |                  |      |    |
| Material:                                           |                      | 1                          |                  |      |    |
| Open Hole or Material:                              |                      | STEEL                      |                  |      |    |
| Depth From:                                         |                      |                            |                  |      |    |
| Depth To:                                           |                      | 10.0                       |                  |      |    |
| Casing Diameter:                                    |                      | 6.0                        |                  |      |    |
| Casing Diameter UOM:                                |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                   |                      | ft                         |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                      |                            |                  |      |    |
| Casing ID:                                          |                      | 930044625                  |                  |      |    |
| Layer:                                              |                      | 2                          |                  |      |    |
| Material:                                           |                      | 4                          |                  |      |    |
| Open Hole or Material:                              |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                         |                      |                            |                  |      |    |
| Depth To:                                           |                      | 80.0                       |                  |      |    |
| Casing Diameter:                                    |                      | 6.0                        |                  |      |    |
| Casing Diameter UOM:                                |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                   |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b>         |                      |                            |                  |      |    |
| Pumping Test Method Desc:                           |                      |                            |                  |      |    |
| Pump Test ID:                                       |                      | 991503895                  |                  |      |    |
| Pump Set At:                                        |                      |                            |                  |      |    |
| Static Level:                                       |                      | 12.0                       |                  |      |    |
| Final Level After Pumping:                          |                      |                            |                  |      |    |
| Recommended Pump Depth:                             |                      |                            |                  |      |    |
| Pumping Rate:                                       |                      |                            |                  |      |    |
| Flowing Rate:                                       |                      |                            |                  |      |    |
| Recommended Pump Rate:                              |                      |                            |                  |      |    |
| Levels UOM:                                         |                      | ft                         |                  |      |    |
| Rate UOM:                                           |                      | GPM                        |                  |      |    |
| Water State After Test Code:                        |                      |                            |                  |      |    |
| Water State After Test:                             |                      |                            |                  |      |    |
| Pumping Test Method:                                |                      |                            |                  |      |    |
| Pumping Duration HR:                                |                      |                            |                  |      |    |
| Pumping Duration MIN:                               |                      |                            |                  |      |    |
| Flowing:                                            |                      | No                         |                  |      |    |
| <b><u>Water Details</u></b>                         |                      |                            |                  |      |    |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number of Records | Direction/<br>Distance (m)                                                                                                                                                                                                                                                                                                                                                                                           | Elev/Diff<br>(m)                                                                                                                                                  | Site                                                                                   | DB         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|
| <b>Water ID:</b><br><b>Layer:</b><br><b>Kind Code:</b><br><b>Kind:</b><br><b>Water Found Depth:</b><br><b>Water Found Depth UOM:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | 933456914<br>1<br>1<br>FRESH<br>ft                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                   |                                                                                        |            |
| <a href="#">86</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 of 1            | <b>E/246.6</b>                                                                                                                                                                                                                                                                                                                                                                                                       | <b>70.9 / 6.61</b>                                                                                                                                                | <b>Enbridge Energy Distribution Inc.</b><br><b>220 Compton Ave</b><br><b>Ottawa ON</b> | <b>SPL</b> |
| <b>Ref No:</b><br><b>Year:</b><br><b>Incident Dt:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b><br><b>Site No:</b><br><b>MOE Response:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b><br><b>Site Address:</b><br><b>Site Region:</b><br><b>Site Municipality:</b><br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b><br><b>System Facility Address:</b><br><b>Client Name:</b><br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   | 1841-B5PTTF<br>2018/10/19<br>2018/10/19<br>NA<br>No<br>Ottawa<br>Residential<UNOFFICIAL><br>220 Compton Ave<br>Eastern<br>Ottawa<br>0 L<br>Enbridge Energy Distribution Inc.<br>Corporation<br>Pipeline/Components<br>35<br>NATURAL GAS (METHANE)<br>1075<br>Air<br>Operator/Human Error<br>TSSA FSB: T25 Gas meter strike, made safe<br>Unknown / N/A<br>TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill | <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b><br><b>Agency Involved:</b> | 2 - Minor Environment                                                                  |            |
| <a href="#">87</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 of 1            | <b>SE/251.8</b>                                                                                                                                                                                                                                                                                                                                                                                                      | <b>70.9 / 6.61</b>                                                                                                                                                | <b>GRAFICO SIGNS</b><br><b>247 HARCOURT AVE</b><br><b>OTTAWA ON K2B 5C2</b>            | <b>SCT</b> |
| <b>Established:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   | 0000                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                                                                                        |            |



| Map Key            | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------|-------------------|----------------------------|------------------|------|----|
| Plant Size (ft²):  |                   | 0                          |                  |      |    |
| Employment:        |                   | 0                          |                  |      |    |
| <b>--Details--</b> |                   |                            |                  |      |    |
| Description:       |                   | Sign Manufacturing         |                  |      |    |
| SIC/NAICS Code:    |                   | 339950                     |                  |      |    |

|                     |              |                                                                                                                                                                                                           |             |                    |                 |
|---------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|-----------------|
| <a href="#">88</a>  | 1 of 1       | E/253.7                                                                                                                                                                                                   | 69.9 / 5.61 | lot 25 con 1<br>ON | WWIS            |
| Well ID:            | 1503890      |                                                                                                                                                                                                           |             | Flowing (Y/N):     |                 |
| Construction Date:  |              |                                                                                                                                                                                                           |             | Flow Rate:         |                 |
| Use 1st:            | Domestic     |                                                                                                                                                                                                           |             | Data Entry Status: |                 |
| Use 2nd:            | 0            |                                                                                                                                                                                                           |             | Data Src:          | 1               |
| Final Well Status:  | Water Supply |                                                                                                                                                                                                           |             | Date Received:     | 05/17/1948      |
| Water Type:         |              |                                                                                                                                                                                                           |             | Selected Flag:     | TRUE            |
| Casing Material:    |              |                                                                                                                                                                                                           |             | Abandonment Rec:   |                 |
| Audit No:           |              |                                                                                                                                                                                                           |             | Contractor:        | 4824            |
| Tag:                |              |                                                                                                                                                                                                           |             | Form Version:      | 1               |
| Constructn Method:  |              |                                                                                                                                                                                                           |             | Owner:             |                 |
| Elevation (m):      |              |                                                                                                                                                                                                           |             | County:            | OTTAWA-CARLETON |
| Elevatn Reliabilty: |              |                                                                                                                                                                                                           |             | Lot:               | 025             |
| Depth to Bedrock:   |              |                                                                                                                                                                                                           |             | Concession:        | 01              |
| Well Depth:         |              |                                                                                                                                                                                                           |             | Concession Name:   | OF              |
| Overburden/Bedrock: |              |                                                                                                                                                                                                           |             | Easting NAD83:     |                 |
| Pump Rate:          |              |                                                                                                                                                                                                           |             | Northing NAD83:    |                 |
| Static Water Level: |              |                                                                                                                                                                                                           |             | Zone:              |                 |
| Clear/Cloudy:       |              |                                                                                                                                                                                                           |             | UTM Reliability:   |                 |
| Municipality:       |              | OTTAWA CITY (NEPEAN)                                                                                                                                                                                      |             |                    |                 |
| Site Info:          |              |                                                                                                                                                                                                           |             |                    |                 |
| PDF URL (Map):      |              | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503890.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503890.pdf</a> |             |                    |                 |

#### Additional Detail(s) (Map)

|                      |                    |
|----------------------|--------------------|
| Well Completed Date: | 06/20/1947         |
| Year Completed:      | 1947               |
| Depth (m):           | 18.288             |
| Latitude:            | 45.3752771357361   |
| Longitude:           | -75.7744573926078  |
| X:                   | -75.77445723116031 |
| Y:                   | 45.37527712932634  |
| Path:                | 150\1503890.pdf    |

#### Bore Hole Information

|                              |                                              |                  |             |
|------------------------------|----------------------------------------------|------------------|-------------|
| Bore Hole ID:                | 10025933                                     | Elevation:       |             |
| DP2BR:                       |                                              | Elevrc:          |             |
| Spatial Status:              |                                              | Zone:            | 18          |
| Code OB:                     |                                              | East83:          | 439360.70   |
| Code OB Desc:                |                                              | North83:         | 5024932.00  |
| Open Hole:                   |                                              | Org CS:          |             |
| Cluster Kind:                |                                              | UTMRC:           | 9           |
| Date Completed:              | 06/20/1947                                   | UTMRC Desc:      | unknown UTM |
| Remarks:                     |                                              | Location Method: | p9          |
| Location Method Desc:        | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |             |
| Elevrc Desc:                 |                                              |                  |             |
| Location Source Date:        |                                              |                  |             |
| Improvement Location Source: |                                              |                  |             |
| Improvement Location Method: |                                              |                  |             |
| Source Revision Comment:     |                                              |                  |             |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Supplier Comment:</b>                                    |                      |                            |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 930997819                  |                  |      |    |
| Layer:                                                      |                      | 1                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 05                         |                  |      |    |
| Material 1 Desc:                                            |                      | CLAY                       |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 0.0                        |                  |      |    |
| Formation End Depth:                                        |                      | 10.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| Formation ID:                                               |                      | 930997820                  |                  |      |    |
| Layer:                                                      |                      | 2                          |                  |      |    |
| Color:                                                      |                      |                            |                  |      |    |
| General Color:                                              |                      |                            |                  |      |    |
| Material 1:                                                 |                      | 15                         |                  |      |    |
| Material 1 Desc:                                            |                      | LIMESTONE                  |                  |      |    |
| Material 2:                                                 |                      |                            |                  |      |    |
| Material 2 Desc:                                            |                      |                            |                  |      |    |
| Material 3:                                                 |                      |                            |                  |      |    |
| Material 3 Desc:                                            |                      |                            |                  |      |    |
| Formation Top Depth:                                        |                      | 10.0                       |                  |      |    |
| Formation End Depth:                                        |                      | 60.0                       |                  |      |    |
| Formation End Depth UOM:                                    |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| Method Construction ID:                                     |                      | 961503890                  |                  |      |    |
| Method Construction Code:                                   |                      | 1                          |                  |      |    |
| Method Construction:                                        |                      | Cable Tool                 |                  |      |    |
| Other Method Construction:                                  |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| Pipe ID:                                                    |                      | 10574503                   |                  |      |    |
| Casing No:                                                  |                      | 1                          |                  |      |    |
| Comment:                                                    |                      |                            |                  |      |    |
| Alt Name:                                                   |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| Casing ID:                                                  |                      | 930044615                  |                  |      |    |
| Layer:                                                      |                      | 3                          |                  |      |    |
| Material:                                                   |                      | 4                          |                  |      |    |
| Open Hole or Material:                                      |                      | OPEN HOLE                  |                  |      |    |
| Depth From:                                                 |                      |                            |                  |      |    |
| Depth To:                                                   |                      | 60.0                       |                  |      |    |
| Casing Diameter:                                            |                      | 4.0                        |                  |      |    |
| Casing Diameter UOM:                                        |                      | inch                       |                  |      |    |
| Casing Depth UOM:                                           |                      | ft                         |                  |      |    |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site                       | DB          |
|---------------------------------------------|----------------------|----------------------------|--------------------|----------------------------|-------------|
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                    |                            |             |
| Casing ID:                                  |                      | 930044613                  |                    |                            |             |
| Layer:                                      |                      | 1                          |                    |                            |             |
| Material:                                   |                      | 1                          |                    |                            |             |
| Open Hole or Material:                      |                      | STEEL                      |                    |                            |             |
| Depth From:                                 |                      |                            |                    |                            |             |
| Depth To:                                   |                      | 7.0                        |                    |                            |             |
| Casing Diameter:                            |                      | 4.0                        |                    |                            |             |
| Casing Diameter UOM:                        |                      | inch                       |                    |                            |             |
| Casing Depth UOM:                           |                      | ft                         |                    |                            |             |
| <b><u>Construction Record - Casing</u></b>  |                      |                            |                    |                            |             |
| Casing ID:                                  |                      | 930044614                  |                    |                            |             |
| Layer:                                      |                      | 2                          |                    |                            |             |
| Material:                                   |                      |                            |                    |                            |             |
| Open Hole or Material:                      |                      |                            |                    |                            |             |
| Depth From:                                 |                      |                            |                    |                            |             |
| Depth To:                                   |                      | 10.0                       |                    |                            |             |
| Casing Diameter:                            |                      | 4.0                        |                    |                            |             |
| Casing Diameter UOM:                        |                      | inch                       |                    |                            |             |
| Casing Depth UOM:                           |                      | ft                         |                    |                            |             |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                    |                            |             |
| Pumping Test Method Desc:                   |                      |                            |                    |                            |             |
| Pump Test ID:                               |                      | 991503890                  |                    |                            |             |
| Pump Set At:                                |                      |                            |                    |                            |             |
| Static Level:                               |                      | 7.0                        |                    |                            |             |
| Final Level After Pumping:                  |                      |                            |                    |                            |             |
| Recommended Pump Depth:                     |                      |                            |                    |                            |             |
| Pumping Rate:                               |                      |                            |                    |                            |             |
| Flowing Rate:                               |                      |                            |                    |                            |             |
| Recommended Pump Rate:                      |                      |                            |                    |                            |             |
| Levels UOM:                                 |                      | ft                         |                    |                            |             |
| Rate UOM:                                   |                      | GPM                        |                    |                            |             |
| Water State After Test Code:                |                      |                            |                    |                            |             |
| Water State After Test:                     |                      |                            |                    |                            |             |
| Pumping Test Method:                        |                      |                            |                    |                            |             |
| Pumping Duration HR:                        |                      |                            |                    |                            |             |
| Pumping Duration MIN:                       |                      |                            |                    |                            |             |
| Flowing:                                    |                      | No                         |                    |                            |             |
| <b><u>Water Details</u></b>                 |                      |                            |                    |                            |             |
| Water ID:                                   |                      | 933456906                  |                    |                            |             |
| Layer:                                      |                      | 1                          |                    |                            |             |
| Kind Code:                                  |                      | 5                          |                    |                            |             |
| Kind:                                       |                      | Not stated                 |                    |                            |             |
| Water Found Depth:                          |                      | 60.0                       |                    |                            |             |
| Water Found Depth UOM:                      |                      | ft                         |                    |                            |             |
| <b>89</b>                                   | <b>1 of 1</b>        | <b>E/261.3</b>             | <b>70.9 / 6.61</b> | <b>lot 25 con 1<br/>ON</b> | <b>WWIS</b> |
| Well ID:                                    | 1503889              |                            |                    | Flowing (Y/N):             |             |
| Construction Date:                          |                      |                            |                    | Flow Rate:                 |             |
| Use 1st:                                    | Domestic             |                            |                    | Data Entry Status:         |             |
| Use 2nd:                                    | 0                    |                            |                    | Data Src:                  | 1           |
| Final Well Status:                          | Water Supply         |                            |                    | Date Received:             | 05/17/1948  |



| Map Key                                                                                                                                                                                                                                                             | Number of<br>Records | Direction/<br>Distance (m)                                                                    | Elev/Diff<br>(m) | Site                                                                                                                                                                                                 | DB                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Water Type:<br>Casing Material:<br>Audit No:<br>Tag:<br>Constructn Method:<br>Elevation (m):<br>Elevatn Reliabilty:<br>Depth to Bedrock:<br>Well Depth:<br>Overburden/Bedrock:<br>Pump Rate:<br>Static Water Level:<br>Clear/Cloudy:<br>Municipality:<br>Site Info: |                      |                                                                                               |                  | Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>County:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | TRUE<br><br>4824<br>1<br><br>OTTAWA-CARLETON<br>025<br>01<br>OF<br><br>OTTAWA CITY (NEPEAN) |
| PDF URL (Map):                                                                                                                                                                                                                                                      |                      | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503889.pdf |                  |                                                                                                                                                                                                      |                                                                                             |
| <u>Additional Detail(s) (Map)</u>                                                                                                                                                                                                                                   |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Well Completed Date:                                                                                                                                                                                                                                                |                      | 04/15/1947                                                                                    |                  |                                                                                                                                                                                                      |                                                                                             |
| Year Completed:                                                                                                                                                                                                                                                     |                      | 1947                                                                                          |                  |                                                                                                                                                                                                      |                                                                                             |
| Depth (m):                                                                                                                                                                                                                                                          |                      | 31.0896                                                                                       |                  |                                                                                                                                                                                                      |                                                                                             |
| Latitude:                                                                                                                                                                                                                                                           |                      | 45.3749179811877                                                                              |                  |                                                                                                                                                                                                      |                                                                                             |
| Longitude:                                                                                                                                                                                                                                                          |                      | -75.7743247753066                                                                             |                  |                                                                                                                                                                                                      |                                                                                             |
| X:                                                                                                                                                                                                                                                                  |                      | -75.77432461294939                                                                            |                  |                                                                                                                                                                                                      |                                                                                             |
| Y:                                                                                                                                                                                                                                                                  |                      | 45.37491797398945                                                                             |                  |                                                                                                                                                                                                      |                                                                                             |
| Path:                                                                                                                                                                                                                                                               |                      | 150\1503889.pdf                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| <u>Bore Hole Information</u>                                                                                                                                                                                                                                        |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Bore Hole ID:                                                                                                                                                                                                                                                       |                      | 10025932                                                                                      |                  | Elevation:                                                                                                                                                                                           |                                                                                             |
| DP2BR:                                                                                                                                                                                                                                                              |                      |                                                                                               |                  | Elevrc:                                                                                                                                                                                              |                                                                                             |
| Spatial Status:                                                                                                                                                                                                                                                     |                      |                                                                                               |                  | Zone:                                                                                                                                                                                                | 18                                                                                          |
| Code OB:                                                                                                                                                                                                                                                            |                      |                                                                                               |                  | East83:                                                                                                                                                                                              | 439370.70                                                                                   |
| Code OB Desc:                                                                                                                                                                                                                                                       |                      |                                                                                               |                  | North83:                                                                                                                                                                                             | 5024892.00                                                                                  |
| Open Hole:                                                                                                                                                                                                                                                          |                      |                                                                                               |                  | Org CS:                                                                                                                                                                                              |                                                                                             |
| Cluster Kind:                                                                                                                                                                                                                                                       |                      |                                                                                               |                  | UTMRC:                                                                                                                                                                                               | 9                                                                                           |
| Date Completed:                                                                                                                                                                                                                                                     |                      | 04/15/1947                                                                                    |                  | UTMRC Desc:                                                                                                                                                                                          | unknown UTM                                                                                 |
| Remarks:                                                                                                                                                                                                                                                            |                      |                                                                                               |                  | Location Method:                                                                                                                                                                                     | p9                                                                                          |
| Location Method Desc:                                                                                                                                                                                                                                               |                      | Original Pre1985 UTM Rel Code 9: unknown UTM                                                  |                  |                                                                                                                                                                                                      |                                                                                             |
| Elevrc Desc:                                                                                                                                                                                                                                                        |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Location Source Date:                                                                                                                                                                                                                                               |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Improvement Location Source:                                                                                                                                                                                                                                        |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Improvement Location Method:                                                                                                                                                                                                                                        |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Source Revision Comment:                                                                                                                                                                                                                                            |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Supplier Comment:                                                                                                                                                                                                                                                   |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| <u>Overburden and Bedrock</u>                                                                                                                                                                                                                                       |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| <u>Materials Interval</u>                                                                                                                                                                                                                                           |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Formation ID:                                                                                                                                                                                                                                                       |                      | 930997818                                                                                     |                  |                                                                                                                                                                                                      |                                                                                             |
| Layer:                                                                                                                                                                                                                                                              |                      | 2                                                                                             |                  |                                                                                                                                                                                                      |                                                                                             |
| Color:                                                                                                                                                                                                                                                              |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| General Color:                                                                                                                                                                                                                                                      |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 1:                                                                                                                                                                                                                                                         |                      | 15                                                                                            |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 1 Desc:                                                                                                                                                                                                                                                    |                      | LIMESTONE                                                                                     |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 2:                                                                                                                                                                                                                                                         |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 2 Desc:                                                                                                                                                                                                                                                    |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 3:                                                                                                                                                                                                                                                         |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Material 3 Desc:                                                                                                                                                                                                                                                    |                      |                                                                                               |                  |                                                                                                                                                                                                      |                                                                                             |
| Formation Top Depth:                                                                                                                                                                                                                                                |                      | 6.0                                                                                           |                  |                                                                                                                                                                                                      |                                                                                             |
| Formation End Depth:                                                                                                                                                                                                                                                |                      | 102.0                                                                                         |                  |                                                                                                                                                                                                      |                                                                                             |



| Map Key                                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------------------------------|----------------------|----------------------------|------------------|------|----|
| <b>Formation End Depth UOM:</b>                             |                      | ft                         |                  |      |    |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                      |                            |                  |      |    |
| <b>Formation ID:</b>                                        |                      | 930997817                  |                  |      |    |
| <b>Layer:</b>                                               |                      | 1                          |                  |      |    |
| <b>Color:</b>                                               |                      |                            |                  |      |    |
| <b>General Color:</b>                                       |                      |                            |                  |      |    |
| <b>Material 1:</b>                                          |                      | 09                         |                  |      |    |
| <b>Material 1 Desc:</b>                                     |                      | MEDIUM SAND                |                  |      |    |
| <b>Material 2:</b>                                          |                      |                            |                  |      |    |
| <b>Material 2 Desc:</b>                                     |                      |                            |                  |      |    |
| <b>Material 3:</b>                                          |                      |                            |                  |      |    |
| <b>Material 3 Desc:</b>                                     |                      |                            |                  |      |    |
| <b>Formation Top Depth:</b>                                 |                      | 0.0                        |                  |      |    |
| <b>Formation End Depth:</b>                                 |                      | 6.0                        |                  |      |    |
| <b>Formation End Depth UOM:</b>                             |                      | ft                         |                  |      |    |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                      |                            |                  |      |    |
| <b>Method Construction ID:</b>                              |                      | 961503889                  |                  |      |    |
| <b>Method Construction Code:</b>                            |                      | 1                          |                  |      |    |
| <b>Method Construction:</b>                                 |                      | Cable Tool                 |                  |      |    |
| <b>Other Method Construction:</b>                           |                      |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                              |                      |                            |                  |      |    |
| <b>Pipe ID:</b>                                             |                      | 10574502                   |                  |      |    |
| <b>Casing No:</b>                                           |                      | 1                          |                  |      |    |
| <b>Comment:</b>                                             |                      |                            |                  |      |    |
| <b>Alt Name:</b>                                            |                      |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| <b>Casing ID:</b>                                           |                      | 930044612                  |                  |      |    |
| <b>Layer:</b>                                               |                      | 2                          |                  |      |    |
| <b>Material:</b>                                            |                      | 4                          |                  |      |    |
| <b>Open Hole or Material:</b>                               |                      | OPEN HOLE                  |                  |      |    |
| <b>Depth From:</b>                                          |                      |                            |                  |      |    |
| <b>Depth To:</b>                                            |                      | 102.0                      |                  |      |    |
| <b>Casing Diameter:</b>                                     |                      | 4.0                        |                  |      |    |
| <b>Casing Diameter UOM:</b>                                 |                      | inch                       |                  |      |    |
| <b>Casing Depth UOM:</b>                                    |                      | ft                         |                  |      |    |
| <b><u>Construction Record - Casing</u></b>                  |                      |                            |                  |      |    |
| <b>Casing ID:</b>                                           |                      | 930044611                  |                  |      |    |
| <b>Layer:</b>                                               |                      | 1                          |                  |      |    |
| <b>Material:</b>                                            |                      | 1                          |                  |      |    |
| <b>Open Hole or Material:</b>                               |                      | STEEL                      |                  |      |    |
| <b>Depth From:</b>                                          |                      |                            |                  |      |    |
| <b>Depth To:</b>                                            |                      | 10.0                       |                  |      |    |
| <b>Casing Diameter:</b>                                     |                      | 4.0                        |                  |      |    |
| <b>Casing Diameter UOM:</b>                                 |                      | inch                       |                  |      |    |
| <b>Casing Depth UOM:</b>                                    |                      | ft                         |                  |      |    |
| <b><u>Results of Well Yield Testing</u></b>                 |                      |                            |                  |      |    |
| <b>Pumping Test Method Desc:</b>                            |                      |                            |                  |      |    |



| Map Key                                                                                       | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB   |
|-----------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|--------------------|------|
| <b>Pump Test ID:</b>                                                                          |                   |                            |                  |                    |      |
| 991503889                                                                                     |                   |                            |                  |                    |      |
| <b>Pump Set At:</b>                                                                           |                   |                            |                  |                    |      |
| <b>Static Level:</b>                                                                          |                   |                            |                  |                    |      |
| 12.0                                                                                          |                   |                            |                  |                    |      |
| <b>Final Level After Pumping:</b>                                                             |                   |                            |                  |                    |      |
| <b>Recommended Pump Depth:</b>                                                                |                   |                            |                  |                    |      |
| <b>Pumping Rate:</b>                                                                          |                   |                            |                  |                    |      |
| <b>Flowing Rate:</b>                                                                          |                   |                            |                  |                    |      |
| <b>Recommended Pump Rate:</b>                                                                 |                   |                            |                  |                    |      |
| <b>Levels UOM:</b>                                                                            |                   |                            |                  |                    |      |
| ft                                                                                            |                   |                            |                  |                    |      |
| <b>Rate UOM:</b>                                                                              |                   |                            |                  |                    |      |
| GPM                                                                                           |                   |                            |                  |                    |      |
| <b>Water State After Test Code:</b>                                                           |                   |                            |                  |                    |      |
| <b>Water State After Test:</b>                                                                |                   |                            |                  |                    |      |
| <b>Pumping Test Method:</b>                                                                   |                   |                            |                  |                    |      |
| <b>Pumping Duration HR:</b>                                                                   |                   |                            |                  |                    |      |
| <b>Pumping Duration MIN:</b>                                                                  |                   |                            |                  |                    |      |
| <b>Flowing:</b>                                                                               |                   |                            |                  |                    |      |
| No                                                                                            |                   |                            |                  |                    |      |
| <b><u>Water Details</u></b>                                                                   |                   |                            |                  |                    |      |
| <b>Water ID:</b>                                                                              |                   |                            |                  |                    |      |
| 933456905                                                                                     |                   |                            |                  |                    |      |
| <b>Layer:</b>                                                                                 |                   |                            |                  |                    |      |
| 1                                                                                             |                   |                            |                  |                    |      |
| <b>Kind Code:</b>                                                                             |                   |                            |                  |                    |      |
| 5                                                                                             |                   |                            |                  |                    |      |
| <b>Kind:</b>                                                                                  |                   |                            |                  |                    |      |
| Not stated                                                                                    |                   |                            |                  |                    |      |
| <b>Water Found Depth:</b>                                                                     |                   |                            |                  |                    |      |
| 102.0                                                                                         |                   |                            |                  |                    |      |
| <b>Water Found Depth UOM:</b>                                                                 |                   |                            |                  |                    |      |
| ft                                                                                            |                   |                            |                  |                    |      |
| <a href="#">90</a>                                                                            | 1 of 1            | SE/262.6                   | 70.9 / 6.61      | lot 25 con 1<br>ON | WWIS |
| <b>Well ID:</b>                                                                               |                   |                            |                  |                    |      |
| 1503897                                                                                       |                   |                            |                  |                    |      |
| <b>Construction Date:</b>                                                                     |                   |                            |                  |                    |      |
| <b>Use 1st:</b>                                                                               |                   |                            |                  |                    |      |
| Domestic                                                                                      |                   |                            |                  |                    |      |
| <b>Use 2nd:</b>                                                                               |                   |                            |                  |                    |      |
| 0                                                                                             |                   |                            |                  |                    |      |
| <b>Final Well Status:</b>                                                                     |                   |                            |                  |                    |      |
| Water Supply                                                                                  |                   |                            |                  |                    |      |
| <b>Water Type:</b>                                                                            |                   |                            |                  |                    |      |
| <b>Casing Material:</b>                                                                       |                   |                            |                  |                    |      |
| <b>Audit No:</b>                                                                              |                   |                            |                  |                    |      |
| <b>Tag:</b>                                                                                   |                   |                            |                  |                    |      |
| <b>Constructn Method:</b>                                                                     |                   |                            |                  |                    |      |
| <b>Elevation (m):</b>                                                                         |                   |                            |                  |                    |      |
| <b>Elevatn Reliabilty:</b>                                                                    |                   |                            |                  |                    |      |
| <b>Depth to Bedrock:</b>                                                                      |                   |                            |                  |                    |      |
| <b>Well Depth:</b>                                                                            |                   |                            |                  |                    |      |
| <b>Overburden/Bedrock:</b>                                                                    |                   |                            |                  |                    |      |
| <b>Pump Rate:</b>                                                                             |                   |                            |                  |                    |      |
| <b>Static Water Level:</b>                                                                    |                   |                            |                  |                    |      |
| <b>Clear/Cloudy:</b>                                                                          |                   |                            |                  |                    |      |
| <b>Municipality:</b>                                                                          |                   |                            |                  |                    |      |
| OTTAWA CITY (NEPEAN)                                                                          |                   |                            |                  |                    |      |
| <b>Site Info:</b>                                                                             |                   |                            |                  |                    |      |
| <b>Flowing (Y/N):</b>                                                                         |                   |                            |                  |                    |      |
| <b>Flow Rate:</b>                                                                             |                   |                            |                  |                    |      |
| <b>Data Entry Status:</b>                                                                     |                   |                            |                  |                    |      |
| <b>Data Src:</b>                                                                              |                   |                            |                  |                    |      |
| 1                                                                                             |                   |                            |                  |                    |      |
| <b>Date Received:</b>                                                                         |                   |                            |                  |                    |      |
| 03/30/1949                                                                                    |                   |                            |                  |                    |      |
| <b>Selected Flag:</b>                                                                         |                   |                            |                  |                    |      |
| TRUE                                                                                          |                   |                            |                  |                    |      |
| <b>Abandonment Rec:</b>                                                                       |                   |                            |                  |                    |      |
| <b>Contractor:</b>                                                                            |                   |                            |                  |                    |      |
| 4216                                                                                          |                   |                            |                  |                    |      |
| <b>Form Version:</b>                                                                          |                   |                            |                  |                    |      |
| 1                                                                                             |                   |                            |                  |                    |      |
| <b>Owner:</b>                                                                                 |                   |                            |                  |                    |      |
| <b>County:</b>                                                                                |                   |                            |                  |                    |      |
| OTTAWA-CARLETON                                                                               |                   |                            |                  |                    |      |
| <b>Lot:</b>                                                                                   |                   |                            |                  |                    |      |
| 025                                                                                           |                   |                            |                  |                    |      |
| <b>Concession:</b>                                                                            |                   |                            |                  |                    |      |
| 01                                                                                            |                   |                            |                  |                    |      |
| <b>Concession Name:</b>                                                                       |                   |                            |                  |                    |      |
| OF                                                                                            |                   |                            |                  |                    |      |
| <b>Easting NAD83:</b>                                                                         |                   |                            |                  |                    |      |
| <b>Northing NAD83:</b>                                                                        |                   |                            |                  |                    |      |
| <b>Zone:</b>                                                                                  |                   |                            |                  |                    |      |
| <b>UTM Reliability:</b>                                                                       |                   |                            |                  |                    |      |
| <b>PDF URL (Map):</b>                                                                         |                   |                            |                  |                    |      |
| https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503897.pdf |                   |                            |                  |                    |      |
| <b><u>Additional Detail(s) (Map)</u></b>                                                      |                   |                            |                  |                    |      |
| <b>Well Completed Date:</b>                                                                   |                   |                            |                  |                    |      |
| 03/23/1949                                                                                    |                   |                            |                  |                    |      |
| <b>Year Completed:</b>                                                                        |                   |                            |                  |                    |      |
| 1949                                                                                          |                   |                            |                  |                    |      |
| <b>Depth (m):</b>                                                                             |                   |                            |                  |                    |      |
| 25.908                                                                                        |                   |                            |                  |                    |      |
| <b>Latitude:</b>                                                                              |                   |                            |                  |                    |      |
| 45.3722939632504                                                                              |                   |                            |                  |                    |      |
| <b>Longitude:</b>                                                                             |                   |                            |                  |                    |      |
| -75.7763323059593                                                                             |                   |                            |                  |                    |      |
| <b>X:</b>                                                                                     |                   |                            |                  |                    |      |
| -75.7763321441481                                                                             |                   |                            |                  |                    |      |
| <b>Y:</b>                                                                                     |                   |                            |                  |                    |      |
| 45.372293956041936                                                                            |                   |                            |                  |                    |      |
| <b>Path:</b>                                                                                  |                   |                            |                  |                    |      |
| 150\1503897.pdf                                                                               |                   |                            |                  |                    |      |



| Map Key                                         | Number of<br>Records                         | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB          |
|-------------------------------------------------|----------------------------------------------|----------------------------|------------------|------------------|-------------|
| <b><u>Bore Hole Information</u></b>             |                                              |                            |                  |                  |             |
| Bore Hole ID:                                   | 10025940                                     |                            |                  | Elevation:       |             |
| DP2BR:                                          |                                              |                            |                  | Elevrc:          |             |
| Spatial Status:                                 |                                              |                            |                  | Zone:            | 18          |
| Code OB:                                        |                                              |                            |                  | East83:          | 439210.70   |
| Code OB Desc:                                   |                                              |                            |                  | North83:         | 5024602.00  |
| Open Hole:                                      |                                              |                            |                  | Org CS:          |             |
| Cluster Kind:                                   |                                              |                            |                  | UTMRC:           | 9           |
| Date Completed:                                 | 03/23/1949                                   |                            |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                        |                                              |                            |                  | Location Method: | p9          |
| Location Method Desc:                           | Original Pre1985 UTM Rel Code 9: unknown UTM |                            |                  |                  |             |
| Elevrc Desc:                                    |                                              |                            |                  |                  |             |
| Location Source Date:                           |                                              |                            |                  |                  |             |
| Improvement Location Source:                    |                                              |                            |                  |                  |             |
| Improvement Location Method:                    |                                              |                            |                  |                  |             |
| Source Revision Comment:                        |                                              |                            |                  |                  |             |
| Supplier Comment:                               |                                              |                            |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                                              |                            |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                                              |                            |                  |                  |             |
| Formation ID:                                   | 930997833                                    |                            |                  |                  |             |
| Layer:                                          | 1                                            |                            |                  |                  |             |
| Color:                                          |                                              |                            |                  |                  |             |
| General Color:                                  |                                              |                            |                  |                  |             |
| Material 1:                                     | 05                                           |                            |                  |                  |             |
| Material 1 Desc:                                | CLAY                                         |                            |                  |                  |             |
| Material 2:                                     |                                              |                            |                  |                  |             |
| Material 2 Desc:                                |                                              |                            |                  |                  |             |
| Material 3:                                     |                                              |                            |                  |                  |             |
| Material 3 Desc:                                |                                              |                            |                  |                  |             |
| Formation Top Depth:                            | 0.0                                          |                            |                  |                  |             |
| Formation End Depth:                            | 10.0                                         |                            |                  |                  |             |
| Formation End Depth UOM:                        | ft                                           |                            |                  |                  |             |
| <b><u>Overburden and Bedrock</u></b>            |                                              |                            |                  |                  |             |
| <b><u>Materials Interval</u></b>                |                                              |                            |                  |                  |             |
| Formation ID:                                   | 930997834                                    |                            |                  |                  |             |
| Layer:                                          | 2                                            |                            |                  |                  |             |
| Color:                                          |                                              |                            |                  |                  |             |
| General Color:                                  |                                              |                            |                  |                  |             |
| Material 1:                                     | 15                                           |                            |                  |                  |             |
| Material 1 Desc:                                | LIMESTONE                                    |                            |                  |                  |             |
| Material 2:                                     |                                              |                            |                  |                  |             |
| Material 2 Desc:                                |                                              |                            |                  |                  |             |
| Material 3:                                     |                                              |                            |                  |                  |             |
| Material 3 Desc:                                |                                              |                            |                  |                  |             |
| Formation Top Depth:                            | 10.0                                         |                            |                  |                  |             |
| Formation End Depth:                            | 85.0                                         |                            |                  |                  |             |
| Formation End Depth UOM:                        | ft                                           |                            |                  |                  |             |
| <b><u>Method of Construction &amp; Well</u></b> |                                              |                            |                  |                  |             |
| <b><u>Use</u></b>                               |                                              |                            |                  |                  |             |
| Method Construction ID:                         | 961503897                                    |                            |                  |                  |             |
| Method Construction Code:                       | 1                                            |                            |                  |                  |             |
| Method Construction:                            | Cable Tool                                   |                            |                  |                  |             |
| Other Method Construction:                      |                                              |                            |                  |                  |             |
| <b><u>Pipe Information</u></b>                  |                                              |                            |                  |                  |             |



| Map Key                                         | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                               | DB  |
|-------------------------------------------------|----------------------|----------------------------|------------------|--------------------------------------------------------------------|-----|
| <hr/>                                           |                      |                            |                  |                                                                    |     |
| Pipe ID:                                        |                      | 10574510                   |                  |                                                                    |     |
| Casing No:                                      |                      | 1                          |                  |                                                                    |     |
| Comment:                                        |                      |                            |                  |                                                                    |     |
| Alt Name:                                       |                      |                            |                  |                                                                    |     |
| <br><b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                                                                    |     |
| Casing ID:                                      |                      | 930044628                  |                  |                                                                    |     |
| Layer:                                          |                      | 1                          |                  |                                                                    |     |
| Material:                                       |                      | 1                          |                  |                                                                    |     |
| Open Hole or Material:                          |                      | STEEL                      |                  |                                                                    |     |
| Depth From:                                     |                      |                            |                  |                                                                    |     |
| Depth To:                                       |                      | 10.0                       |                  |                                                                    |     |
| Casing Diameter:                                |                      | 5.0                        |                  |                                                                    |     |
| Casing Diameter UOM:                            |                      | inch                       |                  |                                                                    |     |
| Casing Depth UOM:                               |                      | ft                         |                  |                                                                    |     |
| <br><b><u>Construction Record - Casing</u></b>  |                      |                            |                  |                                                                    |     |
| Casing ID:                                      |                      | 930044629                  |                  |                                                                    |     |
| Layer:                                          |                      | 2                          |                  |                                                                    |     |
| Material:                                       |                      | 4                          |                  |                                                                    |     |
| Open Hole or Material:                          |                      | OPEN HOLE                  |                  |                                                                    |     |
| Depth From:                                     |                      |                            |                  |                                                                    |     |
| Depth To:                                       |                      | 85.0                       |                  |                                                                    |     |
| Casing Diameter:                                |                      | 5.0                        |                  |                                                                    |     |
| Casing Diameter UOM:                            |                      | inch                       |                  |                                                                    |     |
| Casing Depth UOM:                               |                      | ft                         |                  |                                                                    |     |
| <br><b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |                                                                    |     |
| Pumping Test Method Desc:                       |                      |                            |                  |                                                                    |     |
| Pump Test ID:                                   |                      | 991503897                  |                  |                                                                    |     |
| Pump Set At:                                    |                      |                            |                  |                                                                    |     |
| Static Level:                                   |                      | 22.0                       |                  |                                                                    |     |
| Final Level After Pumping:                      |                      |                            |                  |                                                                    |     |
| Recommended Pump Depth:                         |                      |                            |                  |                                                                    |     |
| Pumping Rate:                                   |                      |                            |                  |                                                                    |     |
| Flowing Rate:                                   |                      |                            |                  |                                                                    |     |
| Recommended Pump Rate:                          |                      |                            |                  |                                                                    |     |
| Levels UOM:                                     |                      | ft                         |                  |                                                                    |     |
| Rate UOM:                                       |                      | GPM                        |                  |                                                                    |     |
| Water State After Test Code:                    |                      |                            |                  |                                                                    |     |
| Water State After Test:                         |                      |                            |                  |                                                                    |     |
| Pumping Test Method:                            |                      |                            |                  |                                                                    |     |
| Pumping Duration HR:                            |                      |                            |                  |                                                                    |     |
| Pumping Duration MIN:                           |                      |                            |                  |                                                                    |     |
| Flowing:                                        |                      | No                         |                  |                                                                    |     |
| <br><b><u>Water Details</u></b>                 |                      |                            |                  |                                                                    |     |
| Water ID:                                       |                      | 933456916                  |                  |                                                                    |     |
| Layer:                                          |                      | 1                          |                  |                                                                    |     |
| Kind Code:                                      |                      | 1                          |                  |                                                                    |     |
| Kind:                                           |                      | FRESH                      |                  |                                                                    |     |
| Water Found Depth:                              |                      |                            |                  |                                                                    |     |
| Water Found Depth UOM:                          |                      | ft                         |                  |                                                                    |     |
| <hr/>                                           |                      |                            |                  |                                                                    |     |
| <a href="#">91</a>                              | 1 of 8               | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>WEST CHAPEL 150 WOODROFFE AVENUE | GEN |



| Map Key                | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                           | DB  |
|------------------------|----------------------|----------------------------|------------------|------------------------------------------------------------------------------------------------|-----|
| OTTAWA ON K2A 3T9      |                      |                            |                  |                                                                                                |     |
| Generator No:          |                      | ONF022700                  |                  |                                                                                                |     |
| SIC Code:              |                      | 9731                       |                  |                                                                                                |     |
| SIC Description:       |                      | FUNERAL HOMES              |                  |                                                                                                |     |
| Approval Years:        |                      | 92,93,97,98,99,00,01       |                  |                                                                                                |     |
| PO Box No:             |                      |                            |                  |                                                                                                |     |
| Country:               |                      |                            |                  |                                                                                                |     |
| Status:                |                      |                            |                  |                                                                                                |     |
| Co Admin:              |                      |                            |                  |                                                                                                |     |
| Choice of Contact:     |                      |                            |                  |                                                                                                |     |
| Phone No Admin:        |                      |                            |                  |                                                                                                |     |
| Contaminated Facility: |                      |                            |                  |                                                                                                |     |
| MHSW Facility:         |                      |                            |                  |                                                                                                |     |
| Detail(s)              |                      |                            |                  |                                                                                                |     |
| Waste Class:           |                      | 312                        |                  |                                                                                                |     |
| Waste Class Name:      |                      | PATHOLOGICAL WASTES        |                  |                                                                                                |     |
| 91                     | 2 of 8               | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC. 44-227<br>WEST CHAPEL 150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | GEN |
| Generator No:          |                      | ONF022700                  |                  |                                                                                                |     |
| SIC Code:              |                      | 9731                       |                  |                                                                                                |     |
| SIC Description:       |                      | FUNERAL HOMES              |                  |                                                                                                |     |
| Approval Years:        |                      | 94,95,96                   |                  |                                                                                                |     |
| PO Box No:             |                      |                            |                  |                                                                                                |     |
| Country:               |                      |                            |                  |                                                                                                |     |
| Status:                |                      |                            |                  |                                                                                                |     |
| Co Admin:              |                      |                            |                  |                                                                                                |     |
| Choice of Contact:     |                      |                            |                  |                                                                                                |     |
| Phone No Admin:        |                      |                            |                  |                                                                                                |     |
| Contaminated Facility: |                      |                            |                  |                                                                                                |     |
| MHSW Facility:         |                      |                            |                  |                                                                                                |     |
| Detail(s)              |                      |                            |                  |                                                                                                |     |
| Waste Class:           |                      | 312                        |                  |                                                                                                |     |
| Waste Class Name:      |                      | PATHOLOGICAL WASTES        |                  |                                                                                                |     |
| 91                     | 3 of 8               | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9                    | GEN |
| Generator No:          |                      | ONF022700                  |                  |                                                                                                |     |
| SIC Code:              |                      |                            |                  |                                                                                                |     |
| SIC Description:       |                      |                            |                  |                                                                                                |     |
| Approval Years:        |                      | 02,03,04,05,06,07,08       |                  |                                                                                                |     |
| PO Box No:             |                      |                            |                  |                                                                                                |     |
| Country:               |                      |                            |                  |                                                                                                |     |
| Status:                |                      |                            |                  |                                                                                                |     |
| Co Admin:              |                      |                            |                  |                                                                                                |     |
| Choice of Contact:     |                      |                            |                  |                                                                                                |     |
| Phone No Admin:        |                      |                            |                  |                                                                                                |     |
| Contaminated Facility: |                      |                            |                  |                                                                                                |     |
| MHSW Facility:         |                      |                            |                  |                                                                                                |     |
| Detail(s)              |                      |                            |                  |                                                                                                |     |



| Map Key                           | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                        | DB  |
|-----------------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------------------|-----|
| Waste Class:<br>Waste Class Name: |                   | 312<br>PATHOLOGICAL WASTES |                  |                                                                             |     |
| <a href="#">91</a>                | 4 of 8            | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON         | GEN |
| Generator No:                     |                   | ONF022700                  |                  |                                                                             |     |
| SIC Code:                         |                   | 812210                     |                  |                                                                             |     |
| SIC Description:                  |                   |                            |                  |                                                                             |     |
| Approval Years:                   |                   | 2013                       |                  |                                                                             |     |
| PO Box No:                        |                   |                            |                  |                                                                             |     |
| Country:                          |                   |                            |                  |                                                                             |     |
| Status:                           |                   |                            |                  |                                                                             |     |
| Co Admin:                         |                   |                            |                  |                                                                             |     |
| Choice of Contact:                |                   |                            |                  |                                                                             |     |
| Phone No Admin:                   |                   |                            |                  |                                                                             |     |
| Contaminated Facility:            |                   |                            |                  |                                                                             |     |
| MHSW Facility:                    |                   |                            |                  |                                                                             |     |
| <u>Detail(s)</u>                  |                   |                            |                  |                                                                             |     |
| Waste Class:                      |                   | 312                        |                  |                                                                             |     |
| Waste Class Name:                 |                   | PATHOLOGICAL WASTES        |                  |                                                                             |     |
| <a href="#">91</a>                | 5 of 8            | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | GEN |
| Generator No:                     |                   | ONF022700                  |                  |                                                                             |     |
| SIC Code:                         |                   | 812210                     |                  |                                                                             |     |
| SIC Description:                  |                   | Funeral Homes              |                  |                                                                             |     |
| Approval Years:                   |                   | 2010                       |                  |                                                                             |     |
| PO Box No:                        |                   |                            |                  |                                                                             |     |
| Country:                          |                   |                            |                  |                                                                             |     |
| Status:                           |                   |                            |                  |                                                                             |     |
| Co Admin:                         |                   |                            |                  |                                                                             |     |
| Choice of Contact:                |                   |                            |                  |                                                                             |     |
| Phone No Admin:                   |                   |                            |                  |                                                                             |     |
| Contaminated Facility:            |                   |                            |                  |                                                                             |     |
| MHSW Facility:                    |                   |                            |                  |                                                                             |     |
| <u>Detail(s)</u>                  |                   |                            |                  |                                                                             |     |
| Waste Class:                      |                   | 312                        |                  |                                                                             |     |
| Waste Class Name:                 |                   | PATHOLOGICAL WASTES        |                  |                                                                             |     |
| <a href="#">91</a>                | 6 of 8            | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | GEN |
| Generator No:                     |                   | ONF022700                  |                  |                                                                             |     |
| SIC Code:                         |                   | 812210                     |                  |                                                                             |     |
| SIC Description:                  |                   | Funeral Homes              |                  |                                                                             |     |
| Approval Years:                   |                   | 2011                       |                  |                                                                             |     |
| PO Box No:                        |                   |                            |                  |                                                                             |     |
| Country:                          |                   |                            |                  |                                                                             |     |
| Status:                           |                   |                            |                  |                                                                             |     |
| Co Admin:                         |                   |                            |                  |                                                                             |     |
| Choice of Contact:                |                   |                            |                  |                                                                             |     |
| Phone No Admin:                   |                   |                            |                  |                                                                             |     |
| Contaminated Facility:            |                   |                            |                  |                                                                             |     |



| Map Key                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                        | DB         |
|------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------------------|------------|
| <b>MHSW Facility:</b>  |                   |                            |                  |                                                                             |            |
| <u>Detail(s)</u>       |                   |                            |                  |                                                                             |            |
| Waste Class:           |                   | 312                        |                  |                                                                             |            |
| Waste Class Name:      |                   | PATHOLOGICAL WASTES        |                  |                                                                             |            |
| <u>91</u>              | 7 of 8            | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | GEN        |
| Generator No:          |                   | ONF022700                  |                  |                                                                             |            |
| SIC Code:              |                   | 812210                     |                  |                                                                             |            |
| SIC Description:       |                   | Funeral Homes              |                  |                                                                             |            |
| Approval Years:        |                   | 2012                       |                  |                                                                             |            |
| PO Box No:             |                   |                            |                  |                                                                             |            |
| Country:               |                   |                            |                  |                                                                             |            |
| Status:                |                   |                            |                  |                                                                             |            |
| Co Admin:              |                   |                            |                  |                                                                             |            |
| Choice of Contact:     |                   |                            |                  |                                                                             |            |
| Phone No Admin:        |                   |                            |                  |                                                                             |            |
| Contaminated Facility: |                   |                            |                  |                                                                             |            |
| MHSW Facility:         |                   |                            |                  |                                                                             |            |
| <u>Detail(s)</u>       |                   |                            |                  |                                                                             |            |
| Waste Class:           |                   | 312                        |                  |                                                                             |            |
| Waste Class Name:      |                   | PATHOLOGICAL WASTES        |                  |                                                                             |            |
| <u>91</u>              | 8 of 8            | ENE/265.7                  | 68.0 / 3.71      | HULSE, PLAYFAIR & MCGARRY INC.<br>150 WOODROFFE AVENUE<br>OTTAWA ON K2A 3T9 | GEN        |
| Generator No:          |                   | ONF022700                  |                  |                                                                             |            |
| SIC Code:              |                   | 812210                     |                  |                                                                             |            |
| SIC Description:       |                   | 812210                     |                  |                                                                             |            |
| Approval Years:        |                   | 2014                       |                  |                                                                             |            |
| PO Box No:             |                   |                            |                  |                                                                             |            |
| Country:               |                   | Canada                     |                  |                                                                             |            |
| Status:                |                   |                            |                  |                                                                             |            |
| Co Admin:              |                   | Alastair M Henderson       |                  |                                                                             |            |
| Choice of Contact:     |                   | CO_ADMIN                   |                  |                                                                             |            |
| Phone No Admin:        |                   | 613-233-1143 Ext.          |                  |                                                                             |            |
| Contaminated Facility: |                   | No                         |                  |                                                                             |            |
| MHSW Facility:         |                   | No                         |                  |                                                                             |            |
| <u>Detail(s)</u>       |                   |                            |                  |                                                                             |            |
| Waste Class:           |                   | 312                        |                  |                                                                             |            |
| Waste Class Name:      |                   | PATHOLOGICAL WASTES        |                  |                                                                             |            |
| <u>92</u>              | 1 of 1            | ESE/272.1                  | 70.9 / 6.61      | lot 25 con 1<br>ON                                                          | WWIS       |
| Well ID:               |                   | 1503893                    |                  | Flowing (Y/N):                                                              |            |
| Construction Date:     |                   |                            |                  | Flow Rate:                                                                  |            |
| Use 1st:               |                   | Domestic                   |                  | Data Entry Status:                                                          |            |
| Use 2nd:               |                   | 0                          |                  | Data Src:                                                                   | 1          |
| Final Well Status:     |                   | Water Supply               |                  | Date Received:                                                              | 11/24/1948 |
| Water Type:            |                   |                            |                  | Selected Flag:                                                              | TRUE       |
| Casing Material:       |                   |                            |                  | Abandonment Rec:                                                            |            |



| Map Key                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)                                                                              | Site            | DB |
|------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------------------------------|-----------------|----|
| Audit No:                    |                      |                            | Contractor:                                                                                   | 4216            |    |
| Tag:                         |                      |                            | Form Version:                                                                                 | 1               |    |
| Constructn Method:           |                      |                            | Owner:                                                                                        |                 |    |
| Elevation (m):               |                      |                            | County:                                                                                       | OTTAWA-CARLETON |    |
| Elevatn Reliabilty:          |                      |                            | Lot:                                                                                          | 025             |    |
| Depth to Bedrock:            |                      |                            | Concession:                                                                                   | 01              |    |
| Well Depth:                  |                      |                            | Concession Name:                                                                              | OF              |    |
| Overburden/Bedrock:          |                      |                            | Easting NAD83:                                                                                |                 |    |
| Pump Rate:                   |                      |                            | Northing NAD83:                                                                               |                 |    |
| Static Water Level:          |                      |                            | Zone:                                                                                         |                 |    |
| Clear/Cloudy:                |                      |                            | UTM Reliability:                                                                              |                 |    |
| Municipality:                |                      |                            |                                                                                               |                 |    |
| Site Info:                   |                      |                            |                                                                                               |                 |    |
| PDF URL (Map):               |                      |                            | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503893.pdf |                 |    |
| Additional Detail(s) (Map)   |                      |                            |                                                                                               |                 |    |
| Well Completed Date:         |                      |                            | 10/04/1948                                                                                    |                 |    |
| Year Completed:              |                      |                            | 1948                                                                                          |                 |    |
| Depth (m):                   |                      |                            | 34.4424                                                                                       |                 |    |
| Latitude:                    |                      |                            | 45.3731118153271                                                                              |                 |    |
| Longitude:                   |                      |                            | -75.7751941004026                                                                             |                 |    |
| X:                           |                      |                            | -75.77519393856649                                                                            |                 |    |
| Y:                           |                      |                            | 45.37311180817867                                                                             |                 |    |
| Path:                        |                      |                            | 150\1503893.pdf                                                                               |                 |    |
| Bore Hole Information        |                      |                            |                                                                                               |                 |    |
| Bore Hole ID:                |                      |                            | 10025936                                                                                      |                 |    |
| DP2BR:                       |                      |                            | Elevation:                                                                                    |                 |    |
| Spatial Status:              |                      |                            | Elevrc:                                                                                       |                 |    |
| Code OB:                     |                      |                            | Zone:                                                                                         |                 |    |
| Code OB Desc:                |                      |                            | East83:                                                                                       |                 |    |
| Open Hole:                   |                      |                            | North83:                                                                                      |                 |    |
| Cluster Kind:                |                      |                            | Org CS:                                                                                       |                 |    |
| Date Completed:              |                      |                            | UTMRC:                                                                                        |                 |    |
| Remarks:                     |                      |                            | UTMRC Desc:                                                                                   |                 |    |
| Location Method Desc:        |                      |                            | Location Method:                                                                              |                 |    |
| Elevrc Desc:                 |                      |                            | 18                                                                                            |                 |    |
| Location Source Date:        |                      |                            | 439300.70                                                                                     |                 |    |
| Improvement Location Source: |                      |                            | 5024692.00                                                                                    |                 |    |
| Improvement Location Method: |                      |                            | 9                                                                                             |                 |    |
| Source Revision Comment:     |                      |                            | unknown UTM                                                                                   |                 |    |
| Supplier Comment:            |                      |                            | p9                                                                                            |                 |    |
| Overburden and Bedrock       |                      |                            |                                                                                               |                 |    |
| Materials Interval           |                      |                            |                                                                                               |                 |    |
| Formation ID:                |                      |                            | 930997826                                                                                     |                 |    |
| Layer:                       |                      |                            | 2                                                                                             |                 |    |
| Color:                       |                      |                            |                                                                                               |                 |    |
| General Color:               |                      |                            |                                                                                               |                 |    |
| Material 1:                  |                      |                            | 15                                                                                            |                 |    |
| Material 1 Desc:             |                      |                            | LIMESTONE                                                                                     |                 |    |
| Material 2:                  |                      |                            |                                                                                               |                 |    |
| Material 2 Desc:             |                      |                            |                                                                                               |                 |    |
| Material 3:                  |                      |                            |                                                                                               |                 |    |
| Material 3 Desc:             |                      |                            |                                                                                               |                 |    |
| Formation Top Depth:         |                      |                            | 4.0                                                                                           |                 |    |
| Formation End Depth:         |                      |                            | 113.0                                                                                         |                 |    |
| Formation End Depth UOM:     |                      |                            | ft                                                                                            |                 |    |



| <b>Map Key</b>                                              | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                              |                                    |                          |             |           |
| <b>Formation ID:</b>                                        |                              | 930997825                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Color:</b>                                               |                              |                                    |                          |             |           |
| <b>General Color:</b>                                       |                              |                                    |                          |             |           |
| <b>Material 1:</b>                                          |                              | 17                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                              | SHALE                              |                          |             |           |
| <b>Material 2:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Material 3:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                              | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                              | 4.0                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                              | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                              | 961503893                          |                          |             |           |
| <b>Method Construction Code:</b>                            |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                                 |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>                           |                              |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                              |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                             |                              | 10574506                           |                          |             |           |
| <b>Casing No:</b>                                           |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                             |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                            |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                           |                              | 930044620                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                            |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                            |                              | 4.0                                |                          |             |           |
| <b>Casing Diameter:</b>                                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                           |                              | 930044621                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                            |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                            |                              | 113.0                              |                          |             |           |
| <b>Casing Diameter:</b>                                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                              | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>                 |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                            |                              | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                                        |                              | 991503893                          |                          |             |           |
| <b>Pump Set At:</b>                                         |                              |                                    |                          |             |           |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                 | DB   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------------------------------------------------------|------|
| <b>Static Level:</b> 28.0<br><b>Final Level After Pumping:</b> 29.0<br><b>Recommended Pump Depth:</b><br><b>Pumping Rate:</b><br><b>Flowing Rate:</b><br><b>Recommended Pump Rate:</b><br><b>Levels UOM:</b> ft<br><b>Rate UOM:</b> GPM<br><b>Water State After Test Code:</b> 1<br><b>Water State After Test:</b> CLEAR<br><b>Pumping Test Method:</b> 1<br><b>Pumping Duration HR:</b><br><b>Pumping Duration MIN:</b><br><b>Flowing:</b> No                                                                                                                                                                                                    |                   |                            |                  |                                                      |      |
| <b><u>Water Details</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                            |                  |                                                      |      |
| <b>Water ID:</b> 933456911<br><b>Layer:</b> 1<br><b>Kind Code:</b> 1<br><b>Kind:</b> FRESH<br><b>Water Found Depth:</b> 60.0<br><b>Water Found Depth UOM:</b> ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                            |                  |                                                      |      |
| <b><u>Water Details</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                            |                  |                                                      |      |
| <b>Water ID:</b> 933456912<br><b>Layer:</b> 2<br><b>Kind Code:</b> 1<br><b>Kind:</b> FRESH<br><b>Water Found Depth:</b> 113.0<br><b>Water Found Depth UOM:</b> ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                            |                  |                                                      |      |
| <a href="#">93</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 of 1            | NNE/273.9                  | 60.9 / -3.39     | City of Ottawa<br>87 Pooler Ave<br>Ottawa ON K2G 6J8 | ECA  |
| <b>Approval No:</b> 9745-C4YGL3<br><b>Approval Date:</b> 2021-07-23<br><b>Status:</b> Approved<br><b>Record Type:</b> ECA<br><b>Link Source:</b> IDS<br><b>SWP Area Name:</b> Rideau Valley<br><b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS<br><b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS<br><b>Business Name:</b> City of Ottawa<br><b>Address:</b> 87 Pooler Ave<br><b>Full Address:</b><br><b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8652-C3FLCL-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8652-C3FLCL-14.pdf</a><br><b>PDF Site Location:</b> |                   |                            |                  |                                                      |      |
| <b>MOE District:</b> Ottawa<br><b>City:</b><br><b>Longitude:</b> -75.77697<br><b>Latitude:</b> 45.377635<br><b>Geometry X:</b> -8435453.7143<br><b>Geometry Y:</b> 5681169.606799996                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                            |                  |                                                      |      |
| <a href="#">94</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 of 1            | W/275.5                    | 57.9 / -6.39     | lot 25 con 1<br>ON                                   | WWIS |
| <b>Well ID:</b> 1503892<br><b>Construction Date:</b><br><b>Use 1st:</b> Domestic<br><b>Use 2nd:</b> 0<br><b>Final Well Status:</b> Water Supply<br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                            |                  |                                                      |      |
| <b>Flowing (Y/N):</b><br><b>Flow Rate:</b><br><b>Data Entry Status:</b><br><b>Data Src:</b> 1<br><b>Date Received:</b> 11/24/1948<br><b>Selected Flag:</b> TRUE<br><b>Abandonment Rec:</b><br><b>Contractor:</b> 4216                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                            |                  |                                                      |      |



| Map Key                                                                                                                                                                                                                                   | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                                                                                                                | DB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| <div>Tag:<br/>Constructn Method:<br/>Elevation (m):<br/>Elevatn Reliabilty:<br/>Depth to Bedrock:<br/>Well Depth:<br/>Overburden/Bedrock:<br/>Pump Rate:<br/>Static Water Level:<br/>Clear/Cloudy:<br/>Municipality:<br/>Site Info:</div> |                      |                            |                  | <div>Form Version:<br/>Owner:<br/>County:<br/>Lot:<br/>Concession:<br/>Concession Name:<br/>Easting NAD83:<br/>Northing NAD83:<br/>Zone:<br/>UTM Reliability:</div> | <div>1<br/><br/>OTTAWA-CARLETON<br/>025<br/>01<br/>OF<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><b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| <b>Map Key</b>                                              | <b>Number of<br/>Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|-------------------------------------------------------------|------------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                              |                                    |                          |             |           |
| <b>Formation ID:</b>                                        |                              | 930997824                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 2                                  |                          |             |           |
| <b>Color:</b>                                               |                              |                                    |                          |             |           |
| <b>General Color:</b>                                       |                              |                                    |                          |             |           |
| <b>Material 1:</b>                                          |                              | 15                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                              | LIMESTONE                          |                          |             |           |
| <b>Material 2:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Material 3:</b>                                          |                              |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                              |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                              | 13.0                               |                          |             |           |
| <b>Formation End Depth:</b>                                 |                              | 70.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                              | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                              |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                              | 961503892                          |                          |             |           |
| <b>Method Construction Code:</b>                            |                              | 1                                  |                          |             |           |
| <b>Method Construction:</b>                                 |                              | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>                           |                              |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                              |                              |                                    |                          |             |           |
| <b>Pipe ID:</b>                                             |                              | 10574505                           |                          |             |           |
| <b>Casing No:</b>                                           |                              | 1                                  |                          |             |           |
| <b>Comment:</b>                                             |                              |                                    |                          |             |           |
| <b>Alt Name:</b>                                            |                              |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                           |                              | 930044618                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 1                                  |                          |             |           |
| <b>Material:</b>                                            |                              | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                              | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                            |                              | 15.0                               |                          |             |           |
| <b>Casing Diameter:</b>                                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                              | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                              |                                    |                          |             |           |
| <b>Casing ID:</b>                                           |                              | 930044619                          |                          |             |           |
| <b>Layer:</b>                                               |                              | 2                                  |                          |             |           |
| <b>Material:</b>                                            |                              | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                              | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                                          |                              |                                    |                          |             |           |
| <b>Depth To:</b>                                            |                              | 70.0                               |                          |             |           |
| <b>Casing Diameter:</b>                                     |                              | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                              | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                              | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>                 |                              |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                            |                              |                                    |                          |             |           |
| <b>Pump Test ID:</b>                                        |                              | 991503892                          |                          |             |           |
| <b>Pump Set At:</b>                                         |                              |                                    |                          |             |           |
| <b>Static Level:</b>                                        |                              | 13.0                               |                          |             |           |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                            | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Final Level After Pumping:</b><br><b>Recommended Pump Depth:</b><br><b>Pumping Rate:</b><br><b>Flowing Rate:</b><br><b>Recommended Pump Rate:</b><br><b>Levels UOM:</b> ft<br><b>Rate UOM:</b> GPM<br><b>Water State After Test Code:</b><br><b>Water State After Test:</b><br><b>Pumping Test Method:</b><br><b>Pumping Duration HR:</b><br><b>Pumping Duration MIN:</b><br><b>Flowing:</b> No |                   |                            |                  |      |    |
| <b><u>Water Details</u></b>                                                                                                                                                                                                                                                                                                                                                                        |                   |                            |                  |      |    |
| <b>Water ID:</b> 933456910<br><b>Layer:</b> 1<br><b>Kind Code:</b> 1<br><b>Kind:</b> FRESH<br><b>Water Found Depth:</b><br><b>Water Found Depth UOM:</b> ft                                                                                                                                                                                                                                        |                   |                            |                  |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |          |              |                                 |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------------|---------------------------------|------|
| <a href="#">95</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 of 1 | SW/279.6 | 63.9 / -0.39 | 1142 RICHMOND ROAD<br>OTTAWA ON | WWIS |
| <b>Well ID:</b> 1535367<br><b>Construction Date:</b><br><b>Use 1st:</b><br><b>Use 2nd:</b><br><b>Final Well Status:</b> Observation Wells<br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b> Z20832<br><b>Tag:</b> A011972<br><b>Constructn Method:</b><br><b>Elevation (m):</b><br><b>Elevatn Reliability:</b><br><b>Depth to Bedrock:</b><br><b>Well Depth:</b><br><b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Clear/Cloudy:</b><br><b>Municipality:</b> OTTAWA CITY<br><b>Site Info:</b> |        |          |              |                                 |      |
| <b>Flowing (Y/N):</b><br><b>Flow Rate:</b><br><b>Data Entry Status:</b><br><b>Data Src:</b><br><b>Date Received:</b> 01/21/2005<br><b>Selected Flag:</b> TRUE<br><b>Abandonment Rec:</b><br><b>Contractor:</b> 1844<br><b>Form Version:</b> 3<br><b>Owner:</b><br><b>County:</b> OTTAWA-CARLETON<br><b>Lot:</b><br><b>Concession:</b><br><b>Concession Name:</b><br><b>Easting NAD83:</b><br><b>Northing NAD83:</b><br><b>Zone:</b><br><b>UTM Reliability:</b>                                                                                        |        |          |              |                                 |      |
| <b>PDF URL (Map):</b> <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535367.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535367.pdf</a>                                                                                                                                                                                                                                                                                                                       |        |          |              |                                 |      |

**Additional Detail(s) (Map)**

**Well Completed Date:** 10/15/2004  
**Year Completed:** 2004  
**Depth (m):**  
**Latitude:** 45.371833680748  
**Longitude:** -75.7804726794674  
**X:** -75.78047251748599  
**Y:** 45.37183367405279  
**Path:** 153\1535367.pdf

**Bore Hole Information**



| Map Key                                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB          |
|----------------------------------------------|----------------------|----------------------------|------------------|------------------|-------------|
| <hr/>                                        |                      |                            |                  |                  |             |
| Bore Hole ID:                                | 11329716             |                            |                  | Elevation:       |             |
| DP2BR:                                       |                      |                            |                  | Elevrc:          |             |
| Spatial Status:                              |                      |                            |                  | Zone:            | 18          |
| Code OB:                                     |                      |                            |                  | East83:          | 438886.00   |
| Code OB Desc:                                |                      |                            |                  | North83:         | 5024554.00  |
| Open Hole:                                   |                      |                            |                  | Org CS:          | UTM83       |
| Cluster Kind:                                |                      |                            |                  | UTMRC:           | 9           |
| Date Completed:                              | 10/15/2004           |                            |                  | UTMRC Desc:      | unknown UTM |
| Remarks:                                     |                      |                            |                  | Location Method: | wwr         |
| Location Method Desc:                        |                      | on Water Well Record       |                  |                  |             |
| Elevrc Desc:                                 |                      |                            |                  |                  |             |
| Location Source Date:                        |                      |                            |                  |                  |             |
| Improvement Location Source:                 |                      |                            |                  |                  |             |
| Improvement Location Method:                 |                      |                            |                  |                  |             |
| Source Revision Comment:                     |                      |                            |                  |                  |             |
| Supplier Comment:                            |                      |                            |                  |                  |             |
| <br><u>Annular Space/Abandonment</u>         |                      |                            |                  |                  |             |
| <u>Sealing Record</u>                        |                      |                            |                  |                  |             |
| Plug ID:                                     |                      | 933284355                  |                  |                  |             |
| Layer:                                       |                      | 1                          |                  |                  |             |
| Plug From:                                   |                      | 0.0                        |                  |                  |             |
| Plug To:                                     |                      | 115.0                      |                  |                  |             |
| Plug Depth UOM:                              |                      | m                          |                  |                  |             |
| <br><u>Method of Construction &amp; Well</u> |                      |                            |                  |                  |             |
| <u>Use</u>                                   |                      |                            |                  |                  |             |
| Method Construction ID:                      |                      | 961535367                  |                  |                  |             |
| Method Construction Code:                    |                      | B                          |                  |                  |             |
| Method Construction:                         |                      | Other Method               |                  |                  |             |
| Other Method Construction:                   |                      |                            |                  |                  |             |
| <br><u>Pipe Information</u>                  |                      |                            |                  |                  |             |
| Pipe ID:                                     |                      | 11344571                   |                  |                  |             |
| Casing No:                                   |                      | 1                          |                  |                  |             |
| Comment:                                     |                      |                            |                  |                  |             |
| Alt Name:                                    |                      |                            |                  |                  |             |
| <br><u>Construction Record - Casing</u>      |                      |                            |                  |                  |             |
| Casing ID:                                   |                      | 930855128                  |                  |                  |             |
| Layer:                                       |                      | 1                          |                  |                  |             |
| Material:                                    |                      | 5                          |                  |                  |             |
| Open Hole or Material:                       |                      | PLASTIC                    |                  |                  |             |
| Depth From:                                  |                      | 0.0                        |                  |                  |             |
| Depth To:                                    |                      | 5.0                        |                  |                  |             |
| Casing Diameter:                             |                      | 50.0                       |                  |                  |             |
| Casing Diameter UOM:                         |                      | cm                         |                  |                  |             |
| Casing Depth UOM:                            |                      | m                          |                  |                  |             |
| <br><u>Construction Record - Screen</u>      |                      |                            |                  |                  |             |
| Screen ID:                                   |                      | 933416281                  |                  |                  |             |
| Layer:                                       |                      | 1                          |                  |                  |             |
| Slot:                                        |                      | 010                        |                  |                  |             |
| Screen Top Depth:                            |                      | 5.0                        |                  |                  |             |
| Screen End Depth:                            |                      | 8.0                        |                  |                  |             |
| Screen Material:                             |                      | 5                          |                  |                  |             |
| Screen Depth UOM:                            |                      | m                          |                  |                  |             |



| Map Key                                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                   | DB  |
|---------------------------------------------|----------------------|----------------------------|------------------|--------------------------------------------------------|-----|
| Screen Diameter UOM:                        |                      | cm                         |                  |                                                        |     |
| Screen Diameter:                            |                      | 65.0                       |                  |                                                        |     |
| <b><u>Results of Well Yield Testing</u></b> |                      |                            |                  |                                                        |     |
| Pumping Test Method Desc:                   |                      |                            |                  |                                                        |     |
| Pump Test ID:                               |                      | 991535367                  |                  |                                                        |     |
| Pump Set At:                                |                      |                            |                  |                                                        |     |
| Static Level:                               |                      |                            |                  |                                                        |     |
| Final Level After Pumping:                  |                      |                            |                  |                                                        |     |
| Recommended Pump Depth:                     |                      |                            |                  |                                                        |     |
| Pumping Rate:                               |                      |                            |                  |                                                        |     |
| Flowing Rate:                               |                      |                            |                  |                                                        |     |
| Recommended Pump Rate:                      |                      |                            |                  |                                                        |     |
| Levels UOM:                                 |                      | ft                         |                  |                                                        |     |
| Rate UOM:                                   |                      | GPM                        |                  |                                                        |     |
| Water State After Test Code:                |                      | 1                          |                  |                                                        |     |
| Water State After Test:                     |                      | CLEAR                      |                  |                                                        |     |
| Pumping Test Method:                        |                      |                            |                  |                                                        |     |
| Pumping Duration HR:                        |                      |                            |                  |                                                        |     |
| Pumping Duration MIN:                       |                      |                            |                  |                                                        |     |
| Flowing:                                    |                      | No                         |                  |                                                        |     |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                                                        |     |
| Water ID:                                   |                      | 934069499                  |                  |                                                        |     |
| Layer:                                      |                      | 3                          |                  |                                                        |     |
| Kind Code:                                  |                      | 5                          |                  |                                                        |     |
| Kind:                                       |                      | Not stated                 |                  |                                                        |     |
| Water Found Depth:                          |                      |                            |                  |                                                        |     |
| Water Found Depth UOM:                      |                      | m                          |                  |                                                        |     |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                                                        |     |
| Water ID:                                   |                      | 934069497                  |                  |                                                        |     |
| Layer:                                      |                      | 1                          |                  |                                                        |     |
| Kind Code:                                  |                      | 5                          |                  |                                                        |     |
| Kind:                                       |                      | Not stated                 |                  |                                                        |     |
| Water Found Depth:                          |                      |                            |                  |                                                        |     |
| Water Found Depth UOM:                      |                      | m                          |                  |                                                        |     |
| <b><u>Water Details</u></b>                 |                      |                            |                  |                                                        |     |
| Water ID:                                   |                      | 934069498                  |                  |                                                        |     |
| Layer:                                      |                      | 2                          |                  |                                                        |     |
| Kind Code:                                  |                      | 5                          |                  |                                                        |     |
| Kind:                                       |                      | Not stated                 |                  |                                                        |     |
| Water Found Depth:                          |                      |                            |                  |                                                        |     |
| Water Found Depth UOM:                      |                      | m                          |                  |                                                        |     |
| <b><u>Hole Diameter</u></b>                 |                      |                            |                  |                                                        |     |
| Hole ID:                                    |                      | 11533383                   |                  |                                                        |     |
| Diameter:                                   |                      | 20.0                       |                  |                                                        |     |
| Depth From:                                 |                      | 0.0                        |                  |                                                        |     |
| Depth To:                                   |                      | 8.0                        |                  |                                                        |     |
| Hole Depth UOM:                             |                      | m                          |                  |                                                        |     |
| Hole Diameter UOM:                          |                      | cm                         |                  |                                                        |     |
| <a href="#">96</a>                          | 1 of 1               | SSW/281.8                  | 64.2 / -0.09     | The Corporation of the City of Ottawa<br>Wentworth Ave | ECA |



| Map Key                  | Number of Records                                                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                            | DB         |
|--------------------------|----------------------------------------------------------------------------|----------------------------|------------------|-----------------------------------------------------------------|------------|
| Ottawa ON K1N 5A1        |                                                                            |                            |                  |                                                                 |            |
| Approval No:             | 6838-4LSR5G                                                                |                            |                  | MOE District:                                                   | Ottawa     |
| Approval Date:           | 2000-07-05                                                                 |                            |                  | City:                                                           |            |
| Status:                  | Approved                                                                   |                            |                  | Longitude:                                                      | -75.7801   |
| Record Type:             | ECA                                                                        |                            |                  | Latitude:                                                       | 45.3717    |
| Link Source:             | IDS                                                                        |                            |                  | Geometry X:                                                     |            |
| SWP Area Name:           | Rideau Valley                                                              |                            |                  | Geometry Y:                                                     |            |
| Approval Type:           | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS                                     |                            |                  |                                                                 |            |
| Project Type:            | MUNICIPAL AND PRIVATE SEWAGE WORKS                                         |                            |                  |                                                                 |            |
| Business Name:           | The Corporation of the City of Ottawa                                      |                            |                  |                                                                 |            |
| Address:                 | Wentworth Ave                                                              |                            |                  |                                                                 |            |
| Full Address:            |                                                                            |                            |                  |                                                                 |            |
| Full PDF Link:           | https://www.accessenvironment.ene.gov.on.ca/instruments/5441-4LQPRZ-14.pdf |                            |                  |                                                                 |            |
| PDF Site Location:       |                                                                            |                            |                  |                                                                 |            |
| <a href="#">97</a>       | 1 of 1                                                                     | NE/288.1                   | 64.4 / 0.16      | SAIKALEY REALTY<br>945 RICHMOND ROAD<br>OTTAWA ON               | GEN        |
| Generator No:            | ON8915999                                                                  |                            |                  |                                                                 |            |
| SIC Code:                | 531190                                                                     |                            |                  |                                                                 |            |
| SIC Description:         |                                                                            |                            |                  |                                                                 |            |
| Approval Years:          | 2013                                                                       |                            |                  |                                                                 |            |
| PO Box No:               |                                                                            |                            |                  |                                                                 |            |
| Country:                 |                                                                            |                            |                  |                                                                 |            |
| Status:                  |                                                                            |                            |                  |                                                                 |            |
| Co Admin:                |                                                                            |                            |                  |                                                                 |            |
| Choice of Contact:       |                                                                            |                            |                  |                                                                 |            |
| Phone No Admin:          |                                                                            |                            |                  |                                                                 |            |
| Contaminated Facility:   |                                                                            |                            |                  |                                                                 |            |
| MHSW Facility:           |                                                                            |                            |                  |                                                                 |            |
| <u>Detail(s)</u>         |                                                                            |                            |                  |                                                                 |            |
| Waste Class:             | 251                                                                        |                            |                  |                                                                 |            |
| Waste Class Name:        | OIL SKIMMINGS & SLUDGES                                                    |                            |                  |                                                                 |            |
| <a href="#">98</a>       | 1 of 1                                                                     | ENE/288.8                  | 69.6 / 5.30      | 170 Woodroffe Avenue<br>Ottawa ON                               | EHS        |
| Order No:                | 20150724064                                                                |                            |                  | Nearest Intersection:                                           |            |
| Status:                  | C                                                                          |                            |                  | Municipality:                                                   |            |
| Report Type:             | Standard Select Report                                                     |                            |                  | Client Prov/State:                                              | ON         |
| Report Date:             | 31-JUL-15                                                                  |                            |                  | Search Radius (km):                                             | .25        |
| Date Received:           | 24-JUL-15                                                                  |                            |                  | X:                                                              | -75.774506 |
| Previous Site Name:      |                                                                            |                            |                  | Y:                                                              | 45.376281  |
| Lot/Building Size:       |                                                                            |                            |                  |                                                                 |            |
| Additional Info Ordered: | Title Searches; Topographic Maps; City Directory                           |                            |                  |                                                                 |            |
| <a href="#">99</a>       | 1 of 1                                                                     | ENE/289.0                  | 69.9 / 5.61      | Enbridge Gas Distribution Inc.<br>1991 Anthony St.<br>Ottawa ON | SPL        |
| Ref No:                  | 5107-96PNTN                                                                |                            |                  | Municipality No:                                                |            |
| Year:                    |                                                                            |                            |                  | Nature of Damage:                                               |            |
| Incident Dt:             | 12-APR-13                                                                  |                            |                  | Discharger Report:                                              |            |
| Dt MOE Arvl on Scn:      |                                                                            |                            |                  | Material Group:                                                 |            |
| MOE Reported Dt:         | 12-APR-13                                                                  |                            |                  | Impact to Health:                                               |            |
| Dt Document Closed:      | 17-MAY-13                                                                  |                            |                  | Agency Involved:                                                |            |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                      | DB  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-------------------------------------------|-----|
| <b>Site No:</b><br><b>MOE Response:</b> Referral to others<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b><br><b>Nearest Watercourse:</b><br><b>Site Name:</b> private residence<UNOFFICIAL><br><b>Site Address:</b> 1991 Anthony St.<br><b>Site Region:</b><br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b> Leak/Break<br><b>Incident Preceding Spill:</b><br><b>Environment Impact:</b> Confirmed<br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b> Air Pollution; Human Health/Safety<br><b>Contaminant Qty:</b> 0 other - see incident description<br><b>System Facility Address:</b><br><b>Client Name:</b> Enbridge Gas Distribution Inc.<br><b>Client Type:</b><br><b>Source Type:</b><br><b>Contaminant Code:</b> 35<br><b>Contaminant Name:</b> NATURAL GAS (METHANE)<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b><br><b>Incident Reason:</b> Unknown / N/A<br><b>Incident Summary:</b> Enbridge: gas leak on riser. Safe. Ottawa<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Pipeline/Components<br><b>SAC Action Class:</b> Air Spills - Gases and Vapours<br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |                                           |     |
| <a href="#">100</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 of 1            | ESE/297.2                  | 70.9 / 6.61      | 250 ANCASTER AVENUE, OTTAWA<br>ON K2B 5B4 | INC |
| <b>Incident No:</b> 338444<br><b>Incident ID:</b> 2489938<br><b>Instance No:</b><br><b>Status Code:</b> Non Mandated<br><b>Incident Status:</b><br><b>Incident Severity:</b><br><b>Task No:</b><br><b>Attribute Category:</b> FS-Incident<br><b>Context:</b><br><b>Date of Occurrence:</b><br><b>Time of Occurrence:</b><br><b>Occr Insp Start Dt:</b><br><b>Incident Creat On:</b><br><b>Instance Creat Dt:</b><br><b>Instance Install Dt:</b><br><b>Approx Quant Rel:</b><br><b>Tank Capacity:</b><br><b>Fuels Occur Type:</b><br><b>Occur Type Rpt:</b><br><b>Occur Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                            |                  |                                           |     |
| <b>Any Health Impact:</b><br><b>Any Enviro Impact:</b><br><b>Service Intrap:</b><br><b>Was Prop Damaged:</b><br><b>Reside App. Type:</b><br><b>Commer App. Type:</b><br><b>Indus App. Type:</b><br><b>Institut App. Type:</b><br><b>Depth Ground Cover:</b> 24"<br><b>Operation Pressure:</b><br><b>Equipment Type:</b><br><b>Equipment Model:</b><br><b>Serial No:</b><br><b>Cylinder Capacity:</b><br><b>Cylinder Cap Units:</b><br><b>Cylinder Mat Type:</b><br><b>Pump Flow Rate Cap:</b><br><b>Contam. Migrated:</b><br><b>Near Body of Water:</b><br><b>Drainage System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                            |                  |                                           |     |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                                   | DB   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|------------------------------------------------------------------------|------|
| <b>Fuel Type Involved:</b><br><b>Fuel Type Reported:</b><br><b>Enforcement Policy:</b><br><b>Prc Escalation Req:</b><br><b>Item:</b><br><b>Item Description:</b><br><b>Device Installed Location:</b><br><b>Venting Type:</b><br><b>Vent Conn Mater:</b><br><b>Vent Chimney Mater:</b><br><b>Pipeline Type:</b> Main Distribution Pipeline<br><b>Pipeline Involved:</b><br><b>Pipe Material:</b> Plastic<br><b>Regulator Location:</b><br><b>Regulator Type:</b><br><b>Liquid Prop Make:</b><br><b>Liquid Prop Model:</b><br><b>Liquid Prop Serial No:</b><br><b>Liquid Prop Notes:</b><br><b>Inventory Address:</b> 250 ANCASTER AVENUE, OTTAWA - 1 1/4" PIPELINE HIT<br><b>Invent Postal Code:</b><br><b>Notes:</b><br><b>Contact Natural Env:</b><br><b>Aff Prop Use Water:</b><br><b>Occurence Narrative:</b> Hand pick driven into gas main while excavating in frozen ground. Discussed hydro excavation with office manager.<br><b>Operation Type Involved:</b> |                   |                            |                  |                                                                        |      |
| <a href="#">101</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 of 1            | SSW/297.2                  | 63.9 / -0.39     | <b>TELECON INC.</b><br>1136 Richmond RD<br>Ottawa ON K2B 8B0           | EASR |
| <b>Approval No:</b> R-004-8112526132<br><b>Status:</b> REGISTERED<br><b>Date:</b> 2020-09-18<br><b>Record Type:</b> EASR<br><b>Link Source:</b> MOFA<br><b>Project Type:</b> Waste Management System<br><b>Full Address:</b><br><b>Approval Type:</b> EASR-Waste Management System<br><b>SWP Area Name:</b> Rideau Valley<br><b>PDF NAICS Code:</b><br><b>PDF URL:</b><br><b>PDF Site Location:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                            |                  |                                                                        |      |
| <b>MOE District:</b> Ottawa<br><b>Municipality:</b> Ottawa<br><b>Latitude:</b> 45.35027778<br><b>Longitude:</b> -75.80138889<br><b>Geometry X:</b><br><b>Geometry Y:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                            |                  |                                                                        |      |
| <a href="#">102</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 of 2            | NNE/297.9                  | 61.0 / -3.23     | <b>Enbridge Gas Distribution Inc.</b><br>82 Orvigale Ave.<br>Ottawa ON | SPL  |
| <b>Ref No:</b> 8267-B2TUGM<br><b>Year:</b><br><b>Incident Dt:</b> 2018/07/19<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 2018/07/19<br><b>Dt Document Closed:</b><br><b>Site No:</b> NA<br><b>MOE Response:</b> No<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Site District Office:</b> Ottawa<br><b>Nearest Watercourse:</b><br><b>Site Name:</b> Residential<UNOFFICIAL>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                            |                  |                                                                        |      |
| <b>Municipality No:</b><br><b>Nature of Damage:</b><br><b>Discharger Report:</b><br><b>Material Group:</b><br><b>Impact to Health:</b> 2 - Minor Environment<br><b>Agency Involved:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                            |                  |                                                                        |      |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                                            | DB   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|------------------|-----------------------------------------------------------------|------|
| <b>Site Address:</b> 82 Orvigale Ave.<br><b>Site Region:</b> Eastern<br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Incident Cause:</b><br><b>Incident Preceding Spill:</b> Leak/Break<br><b>Environment Impact:</b><br><b>Health Env Consequence:</b><br><b>Nature of Impact:</b><br><b>Contaminant Qty:</b> 0 other - see incident description<br><b>System Facility Address:</b><br><b>Client Name:</b> Enbridge Gas Distribution Inc.<br><b>Client Type:</b> Corporation<br><b>Source Type:</b> Pipeline/Components<br><b>Contaminant Code:</b> 35<br><b>Contaminant Name:</b> NATURAL GAS (METHANE)<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b> 1075<br><b>Receiving Medium:</b> Air<br><b>Incident Reason:</b> Operator/Human Error<br><b>Incident Summary:</b> TSSA FSB: 1/2" plastic IP nat gas line strike to atm., made safe<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b> Miscellaneous Industrial<br><b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill<br><b>Call Report Locatn Geodata:</b> |                   |                            |                  |                                                                 |      |
| <a href="#">102</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 of 2            | NNE/297.9                  | 61.0 / -3.23     | PIPELINE HIT 1/2"<br>82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA<br>ON | PINC |
| <b>Incident Id:</b><br><b>Incident No:</b> 2352954<br><b>Incident Reported Dt:</b> 7/20/2018<br><b>Type:</b> FS-Pipeline Incident<br><b>Status Code:</b><br><b>Tank Status:</b> Pipeline Damage Reason Est<br><b>Task No:</b><br><b>Spills Action Centre:</b><br><b>Fuel Type:</b><br><b>Fuel Occurrence Tp:</b><br><b>Date of Occurrence:</b><br><b>Occurrence Start Dt:</b><br><b>Depth:</b><br><b>Customer Acct Name:</b> PIPELINE HIT 1/2"<br><b>Incident Address:</b> 82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA<br><b>Operation Type:</b><br><b>Pipeline Type:</b><br><b>Regulator Type:</b><br><b>Summary:</b><br><b>Reported By:</b><br><b>Affiliation:</b><br><b>Occurrence Desc:</b><br><b>Damage Reason:</b><br><b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                            |                  |                                                                 |      |
| <b>Pipe Material:</b><br><b>Fuel Category:</b><br><b>Health Impact:</b><br><b>Environment Impact:</b><br><b>Property Damage:</b><br><b>Service Interrupt:</b><br><b>Enforce Policy:</b><br><b>Public Relation:</b><br><b>Pipeline System:</b><br><b>PSIG:</b><br><b>Attribute Category:</b><br><b>Regulator Location:</b><br><b>Method Details:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                            |                  |                                                                 |      |



| Map Key             | Number of<br>Records | Direction/<br>Distance (m)                                  | Elev/Diff<br>(m) | Site                                                               | DB  |
|---------------------|----------------------|-------------------------------------------------------------|------------------|--------------------------------------------------------------------|-----|
| <a href="#">103</a> | 1 of 2               | E/298.3                                                     | 70.9 / 6.61      | A K FUR MANUFACTURING<br>212 WOODROFFE AVE<br>OTTAWA ON K2A 3V4    | SCT |
| Established:        |                      | 1985                                                        |                  |                                                                    |     |
| Plant Size (ft²):   |                      | 5                                                           |                  |                                                                    |     |
| Employment:         |                      |                                                             |                  |                                                                    |     |
| <b>--Details--</b>  |                      |                                                             |                  |                                                                    |     |
| Description:        |                      | FUR GOODS                                                   |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 2371                                                        |                  |                                                                    |     |
| <a href="#">103</a> | 2 of 2               | E/298.3                                                     | 70.9 / 6.61      | A & C Fur Creations Inc.<br>212 Woodroffe Ave<br>Ottawa ON K2A 3V4 | SCT |
| Established:        |                      | 01-JUN-89                                                   |                  |                                                                    |     |
| Plant Size (ft²):   |                      |                                                             |                  |                                                                    |     |
| Employment:         |                      |                                                             |                  |                                                                    |     |
| <b>--Details--</b>  |                      |                                                             |                  |                                                                    |     |
| Description:        |                      | Fur and Leather Clothing Manufacturing                      |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 315292                                                      |                  |                                                                    |     |
| Description:        |                      | Other Women's and Girls' Cut and Sew Clothing Manufacturing |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 315239                                                      |                  |                                                                    |     |
| Description:        |                      | Other Women's and Girls' Cut and Sew Clothing Manufacturing |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 315239                                                      |                  |                                                                    |     |
| Description:        |                      | Clothing Accessories and Other Clothing Manufacturing       |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 315990                                                      |                  |                                                                    |     |
| Description:        |                      | All Other Cut and Sew Clothing Manufacturing                |                  |                                                                    |     |
| SIC/NAICS Code:     |                      | 315299                                                      |                  |                                                                    |     |



# Unplottable Summary

Total: 17 Unplottable sites

| DB   | Company Name/Site Name         | Address                           | City           | Postal |
|------|--------------------------------|-----------------------------------|----------------|--------|
| CA   | City of Ottawa                 | Woodroffe Avenue                  | Ottawa ON      |        |
| CA   | City of Ottawa                 | Richmond Road                     | Ottawa ON      |        |
| CA   | City of Ottawa                 | Richmond Road                     | Ottawa ON      |        |
| CA   | Bourke Family Development Inc. | Byron Ave Registered Plan No. 204 | Ottawa ON      |        |
| CA   | City of Ottawa                 | Richmond Road                     | Ottawa ON      |        |
| CA   | National Capital Commission    | Ottawa River Parkway Detour Lane  | Ottawa ON      |        |
| CA   |                                | Lot 25 & 26, Concession 1         | Ottawa ON      |        |
| CA   |                                | Lot 25 & 26, Concession 1         | Ottawa ON      |        |
| CA   |                                | Richmond Road                     | Ottawa ON      |        |
| CA   | CITY                           | BYRON AVE.                        | OTTAWA ON      |        |
| CA   | OTTAWA CITY                    | RICHMOND ROAD                     | OTTAWA CITY ON |        |
| CA   | OTTAWA CITY                    | BYRON AVENUE                      | OTTAWA CITY ON |        |
| CA   | NON-PROFIT HOUSING CORPORATION | RICHMOND RD.NON-PROFIT HOUSING    | OTTAWA CITY ON |        |
| CA   | OTTAWA CITY                    | POOLER AVE. P.S.                  | OTTAWA CITY ON |        |
| CA   | OTTAWA CITY                    | RICHMOND ROAD                     | OTTAWA CITY ON |        |
| SPL  | TEXACO                         | RICHMOND RD. SERVICE STATION      | OTTAWA CITY ON |        |
| WWIS |                                | lot 25                            | ON             |        |



# Unplottable Report

---

**Site:** City of Ottawa  
Woodroffe Avenue Ottawa ON

**Database:**  
CA

**Certificate #:** 9466-74ZR66  
**Application Year:** 2007  
**Issue Date:** 8/13/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** City of Ottawa  
Richmond Road Ottawa ON

**Database:**  
CA

**Certificate #:** 7893-5NLQJH  
**Application Year:** 2003  
**Issue Date:** 6/18/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** City of Ottawa  
Richmond Road Ottawa ON

**Database:**  
CA

**Certificate #:** 6859-5X8K46  
**Application Year:** 2004  
**Issue Date:** 3/23/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Bourke Family Development Inc.  
Byron Ave Registered Plan No. 204 Ottawa ON

**Database:**  
CA

**Certificate #:** 3911-7BKMY9



**Application Year:** 2008  
**Issue Date:** 2/7/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **City of Ottawa**  
**Richmond Road Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 1424-6CXJGA  
**Application Year:** 2005  
**Issue Date:** 6/3/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **National Capital Commission**  
**Ottawa River Parkway Detour Lane Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 0973-5M4KXY  
**Application Year:** 2003  
**Issue Date:** 4/30/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Lot 25 & 26, Concession 1 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 3510-4QHTRG  
**Application Year:** 00  
**Issue Date:** 10/30/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1270449 Ontario Inc.  
**Client Address:** 1187 Bank Street  
**Client City:** Ottawa  
**Client Postal Code:** K1S 3X7  
**Project Description:** watermain construction on pooler ave, orvigale road, porter st.  
**Contaminants:**  
**Emission Control:**



---

**Site:** Lot 25 & 26, Concession 1 Ottawa ON **Database:** CA

**Certificate #:** 6524-4QHTM6  
**Application Year:** 00  
**Issue Date:** 10/30/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1270449 Ontario Inc.  
**Client Address:** 1187 Bank Street  
**Client City:** Ottawa  
**Client Postal Code:** K1S 3X7  
**Project Description:** storm sewers construction on Saundres Ave; sanitary sewers construction on Pooler Ave, Orvigale Road, Porter St.  
**Contaminants:**  
**Emission Control:**

---

**Site:** Richmond Road Ottawa ON **Database:** CA

**Certificate #:** 7965-5ERRRZ  
**Application Year:** 02  
**Issue Date:** 10/11/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road  
**Contaminants:**  
**Emission Control:**

---

**Site:** CITY BYRON AVE. OTTAWA ON **Database:** CA

**Certificate #:** 3-0302-85-006  
**Application Year:** 85  
**Issue Date:** 4/22/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON **Database:** CA

**Certificate #:** 3-0159-96-  
**Application Year:** 96  
**Issue Date:** 4/1/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**

---



Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** OTTAWA CITY  
BYRON AVENUE OTTAWA CITY ON

**Database:**  
CA

Certificate #: 3-1320-88-  
Application Year: 88  
Issue Date: 8/5/1988  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** NON-PROFIT HOUSING CORPORATION  
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

**Database:**  
CA

Certificate #: 7-0925-87-  
Application Year: 87  
Issue Date: 7/7/1987  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** OTTAWA CITY  
POOLER AVE. P.S. OTTAWA CITY ON

**Database:**  
CA

Certificate #: 3-1879-89-  
Application Year: 89  
Issue Date: 9/28/1989  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** OTTAWA CITY  
RICHMOND ROAD OTTAWA CITY ON

**Database:**  
CA

Certificate #: 3-1088-90-



Application Year: 90  
Issue Date: 6/26/1990  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** TEXACO  
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

**Database:**  
SPL

Ref No: 14431  
Year:  
Incident Dt: 2/2/1989  
Dt MOE Arvl on Scn:  
MOE Reported Dt: 2/2/1989  
Dt Document Closed:  
Site No:  
MOE Response:  
Site County/District:  
Site Geo Ref Meth:  
Site District Office:  
Nearest Watercourse:  
Site Name:  
Site Address:  
Site Region:  
Site Municipality: OTTAWA CITY  
Site Lot:  
Site Conc:  
Site Geo Ref Accu:  
Site Map Datum:  
Northing:  
Easting:  
Incident Cause: OTHER CAUSE (N.O.S.)  
Incident Preceding Spill:  
Environment Impact: NOT ANTICIPATED  
Health Env Consequence:  
Nature of Impact:  
Contaminant Qty:  
System Facility Address:  
Client Name:  
Client Type:  
Source Type:  
Contaminant Code:  
Contaminant Name:  
Contaminant Limit 1:  
Contam Limit Freq 1:  
Contaminant UN No 1:  
Receiving Medium: LAND  
Incident Reason: ERROR  
Incident Summary:  
Activity Preceding Spill:  
Property 2nd Watershed:  
Property Tertiary Watershed:  
Sector Type:  
SAC Action Class:  
Call Report Locatn Geodata:

Municipality No: 20101  
Nature of Damage:  
Discharger Report:  
Material Group:  
Impact to Health:  
Agency Involved:

---

**Site:** lot 25 ON

**Database:**  
WWIS



**Well ID:** 1523747  
**Construction Date:**  
**Use 1st:** Industrial  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 49862  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** OTTAWA CITY  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 08/04/1989  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 025  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### Bore Hole Information

**Bore Hole ID:** 10045521  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/12/1989  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

#### Overburden and Bedrock Materials Interval

**Formation ID:** 931055592  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 32.0  
**Formation End Depth UOM:** ft

#### Overburden and Bedrock Materials Interval

**Formation ID:** 931055593  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE



**Material 2:** 82  
**Material 2 Desc:** SHALY  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 32.0  
**Formation End Depth:** 250.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961523747  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10594091  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930079668  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 250.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930079667  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 36.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991523747  
**Pump Set At:**  
**Static Level:** 19.0  
**Final Level After Pumping:** 100.0  
**Recommended Pump Depth:** 100.0  
**Pumping Rate:** 14.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 14.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0



**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651310  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106105  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390332  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908516  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482123  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 225.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933482122  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 60.0  
**Water Found Depth UOM:** ft



## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.*

### **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

**Government Publication Date: Up to Nov 2023**

### **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Apr 2024**

### **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Apr 30, 2024**

### **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**



**Certificates of Approval:**Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2022**

**Commercial Fuel Oil Tanks:**Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Oct 2023**

**Chemical Manufacturers and Distributors:**Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**Private [CHM](#)

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-Apr 30, 2024**

**Compressed Natural Gas Stations:**Private [CNG](#)

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 -Nov 2023**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**Provincial [COAL](#)

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**Provincial [CONV](#)

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-May 2024**

**Certificates of Property Use:**Provincial [CPU](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994 - Mar 31, 2024**



**Drill Hole Database:**

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Aug 2023**

**Delisted Fuel Tanks:**

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: Oct 2023**

**Environmental Activity and Sector Registry:**

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

**Government Publication Date: Oct 2011-Apr 30, 2024**

**Environmental Registry:**

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994 - Mar 31, 2024**

**Environmental Compliance Approval:**

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Apr 30, 2024**

**Environmental Effects Monitoring:**

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private

[EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Mar 31, 2024**

**Environmental Issues Inventory System:**

Federal

[EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***



**Emergency Management Historical Event:**

Provincial

EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Apr 30, 2022****Environmental Penalty Annual Report:**

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2023****List of Expired Fuels Safety Facilities:**

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Oct 2023****Federal Convictions:**

Federal

FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\*****Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Mar 2024****Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019****Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: Oct 31, 2021****Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Oct 2023**



**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Oct 31, 2022**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2021**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: 31 Oct, 2023**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Mar 31, 2022**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***



**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Feb 2024**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2022**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Nov 2023**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Jun 30, 2021**

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***



**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\*****National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\*****National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

**Government Publication Date: Sep 2020****National Pollutant Release Inventory - Historic:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

**Government Publication Date: 1993-May 2017****Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-May 31, 2024****Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Aug 2023****Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013****Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994 - Mar 31, 2024**



**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date:** 1999, 2002, 2004, 2005, 2009-2014

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date:** 1920-Jan 2005\*

**Pesticide Register:**

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date:** Oct 2011-Apr 30, 2024

**NPRI Reporters - PFAS Substances:**

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

**Government Publication Date:** Sep 2020

**Potential PFAS Handlers from NPRI:**

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

**Government Publication Date:** Sep 2020

**Pipeline Incidents:**

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date:** Feb 28, 2021

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date:** 1989-1996\*

**Permit to Take Water:**

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date:** 1994 - Mar 31, 2024

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date:** 1986-1990, 1992-2021



**Record of Site Condition:**

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

**Government Publication Date:** 1997-Sept 2001, Oct 2004-May 2024

**Retail Fuel Storage Tanks:**

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date:** 1999-Apr 30, 2024

**Scott's Manufacturing Directory:**

Private

SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date:** 1992-Mar 2011\*

**Ontario Spills:**

Provincial

SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Mar 2024 in addition to those listed in the Government Publication Date.

**Government Publication Date:** 1988-Jan 2023; see description

**Wastewater Discharger Registration Database:**

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

**Government Publication Date:** 1990-Dec 31, 2021

**Anderson's Storage Tanks:**

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date:** 1915-1953\*

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date:** 1970 - Apr 2023

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date:** Feb 28, 2022



**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Apr 30, 2024**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Dec 31 2023**



# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



## **APPENDIX VI**

### **GOVERNMENT AND REGULATORY INFORMATION**









Ministry of the Environment,  
Conservation and Parks

Corporate Management Division

Ministère de l'Environnement, de la  
Protection de la nature et des Parcs

Division de la gestion ministérielle

April 21, 2025

Justin Serroul  
Terrapex Environmental Ltd.

Dear Justin Serroul  
RE: Request #: EPI-2025-2000005997  
Requestor provided Site Name: 1047 Richmond Road  
Requestor provided Client Reference: CO972.00  
Site address: 1047 Richmond Road, Ottawa

This letter confirms that, after conducting a thorough search of its source system applications, the ministry has identified potential records related to your property request. Our search indicates that the ministry may hold the following records:

- Air Approval<sup>1</sup>
- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports

If you would like to submit a Freedom of Information (FOI) request to the ministry, please return to the table on the Requests tab of the EPI application and select "Submit FOI" under the Actions column in the row identified by EPI-2025-2000005997.

If you have any questions regarding the matter, please contact the ministry at [eproperty@ontario.ca](mailto:eproperty@ontario.ca).

Sincerely,

Environmental Property Information (EPI) Program

**Disclaimer**

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.

<sup>1</sup> In addition to the core reports (e.g. Environmental Compliance Approval), there may be extensive supporting documentation associated with this record type. When transferring your request over to FOI, we encourage you to refine the scope of your request to only the supporting documentation required for your purposes, as the inclusion of this additional documentation can add significant processing time.





Ministry of the Environment,  
Conservation and Parks

Ministère de l'Environnement, de la  
Protection de la nature et des Parcs

Corporate Management Division

Division de la gestion ministérielle

Le 21 avril 2025

Justin Serroul  
Terrapex Environmental Ltd.

Madame,  
Monsieur, Justin Serroul  
Objet : No de demande : EPI-2025-2000005997  
Nom du site fourni par le demandeur : 1047 Richmond Road  
Référence client fournie par le demandeur: CO972.00  
Adresse du site: 1047 Richmond Road, Ottawa

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ses applications de système source, le ministère a circonscrit des dossiers potentiels reliés à votre demande concernant des biens immobiliers. Notre recherche indique que les dossiers suivants peuvent être en possession du ministère:

- Air Approval<sup>1</sup>
- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports

Si vous souhaitez soumettre une demande de liberté d'information (FOI) au ministère, veuillez retourner au tableau de l'onglet Requêtes de l'application EPI et sélectionner "Soumettre FOI" dans la colonne Actions de la ligne identifiée par EPI-2025-2000005997.

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante : [eproperty@ontario.ca](mailto:eproperty@ontario.ca).

Veuillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

**Avertissement**

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de



la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements fournis sont à jour, exacts, complets et exempts d'erreurs. L'utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

<sup>1</sup> En plus des rapports de base (par exemple, l'approbation de conformité environnementale), il peut y avoir de nombreux documents justificatifs associés à ce type d'enregistrement. Lors du transfert de votre demande vers FOI, nous vous encourageons à affiner la portée de votre demande en ne tenant compte que des pièces justificatives requises pour vos besoins, car l'inclusion de ces documents supplémentaires peut ajouter un temps de traitement important.



ASSESSMENT OF HABITAT FOR THREATENED AND ENDANGERED SPECIES

Project number C0972  
Site address 1047 Richmond Road, Ottawa

Species at risk potentially present?

|                                                                                                   |                  |
|---------------------------------------------------------------------------------------------------|------------------|
| There are no threatened or endangered species likely to occur within, or within 30 m of the site. | Species list: NA |
|---------------------------------------------------------------------------------------------------|------------------|

Habitat at risk potentially present?

|                                                                            |                                |
|----------------------------------------------------------------------------|--------------------------------|
| Determined that there are no such areas within, or within 30 m of the site | Description of the habitat: NA |
|----------------------------------------------------------------------------|--------------------------------|

Species at Risk with potential to occur within the Site (Highlighted).

| Common Name                    | Scientific Name               | SARO Status <sup>1</sup> | Habitat type     | Candidate Habitat Present Within Site?                                                                                          | Rationals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | References                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|-------------------------------|--------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| American Ginseng               | <i>Panax quinquefolius</i>    | THR                      | General (Guided) | No. The site and its 30 m lacks sufficient natural vegetation and canopy cover to support the species.                          | Across its Ontario distribution, American Ginseng often grows in the herb layer of rich, mature deciduous forests, but also occurs in mixed forests and coniferous or mixed swamps. American Ginseng is an obligate understory species and is typically found under an overstory that provides approximately 75 percent shade. The species grows in mature deciduous forest stands with moderately moist to well-drained, generally rich in nutrients with a pH of moderately acid to neutral soils. Sites generally have few shrubs present in the understory. Research indicates that the species is often associated with seepage sites and floodplains of first-order of intermittent streams (MECP 2019).            | MECP. 2019. Recovery Strategy for the American Ginseng ( <i>Panax quinquefolius</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. iv + 9 pp. + Appendix. Adoption of the Recovery Strategy for American Ginseng ( <i>Panax quinquefolius</i> ) in Canada (Environment Canada 2018).   |
| Butternut                      | <i>Juglans cinerea</i>        | END                      | General          | No. The site and its 30 m lacks sufficient natural vegetation and canopy cover to support the species.                          | Butternut occupies sites with moist and well-drained soils. The species is typically found alone or in small groups within deciduous forests, often associated with watercourses. Butternut is not tolerant of shade and is often found growing in sunny openings and along forest edges (MECP 2025; Poisson & Ursic 2013).                                                                                                                                                                                                                                                                                                                                                                                               | Poisson, G., and M. Ursic. 2013. Recovery Strategy for the Butternut ( <i>Juglans cinerea</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. v + 12 pp. + Appendix vii + 24 pp. Adoption of the Recovery Strategy for the Butternut ( <i>Juglans cinerea</i> ) in Canada (Environment Canada 2010). |
| Eastern Prairie Fringed-orchid | <i>Platanthera leucophaea</i> | END                      | Regulated        | No. The site and its 30 m lacks sufficient natural vegetation of old meadow, fen or bog to support the species.                 | Eastern Prairie Fringed-orchid requires open conditions with full sunlight for optimal growth and flowering, which restricts it to graminoid-dominated vegetation communities. Eastern Prairie Fringed-orchid favours neutral to slightly calcareous soils and is currently found in fens, along fluctuating limestone shorelines and in wet-mesic prairie and old field habitats (EPFORT 2010).                                                                                                                                                                                                                                                                                                                          | Eastern Prairie Fringed-orchid Recovery Team. 2010. Recovery strategy for the Eastern Prairie Fringed-orchid ( <i>Platanthera leucophaea</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. vi + 30 pp.                                                                                             |
| American Eel                   | <i>Anguilla rostrata</i>      | END                      | General          | No. The site and its 30 m are more than 200 m away from any watercourse. The report is from the broader area, the Ottawa River. | The American Eel uses a broad diversity of habitats during its growth period including oceanic, estuarine, freshwater. Growing eels are primarily benthic, utilizing substrate (rock, sand and mud), bottom and woody debris, and submerged vegetation for protection and cover. Vegetation (e.g., eel grass) and interstitial spaces consisting of rock piles, logs and other complex structures are important to eels as cover, particularly during daylight hours. Given the high abundance of eels often observed in tributaries, tributary waters seem to be a very important component of eel habitat. Habitat in tributaries is often of high quality and less disturbed than other areas (MacGregor et al., 2013) | MacGregor, R., J. Casselman, L. Greig, J. Dettmers, W. A. Allen, L. McDermott, and T. Haxton. 2013. Recovery Strategy for the American Eel ( <i>Anguilla rostrata</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared for Ontario Ministry of Natural Resources, Peterborough, Ontario. x + 119 pp.                                                                        |



ASSESSMENT OF HABITAT FOR THREATENED AND ENDANGERED SPECIES

| Common Name        | Scientific Name              | SARO Status <sup>1</sup> | Habitat type     | Candidate Habitat Present Within Site?                                                                                      | Rationals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | References                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|------------------------------|--------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blanding's Turtle  | <i>Emydoidea blandingii</i>  | THR                      | General (Guided) | No. The site and its 30 m lack any aquatic or wetland habitat that could support the species presence.                      | The Blanding's Turtle is a semi-aquatic species. Although it spends most of its time in aquatic habitats, it has seasonal movement patterns which allow it to meet different biological or behavioural needs, including the use of terrestrial habitats during the active season. Habitat use varies as a function of the different activities undertaken by individuals to complete their life cycle. Blanding's Turtles use aquatic habitats for overwintering, mating, foraging, thermoregulation, summer inactivity, and movement. They often favour relatively eutrophic environments, with shallow water (less than 2 m deep, often less than 50 cm), soft highly organic substrates, and abundant submergent, floating, and emergent vegetation. They can occur in a variety of wetland habitats (e.g., marshes, ponds, swamps, bogs, fens, coastal wetlands), slow-flowing rivers and creeks, pools, lakes, bays, sloughs, marshy meadows, and artificial channels. Blanding's Turtles have been shown to select all wetland types over lotic environments and have also shown a preference for ponds and marshes when available (MECP 2019). | Ministry of the Environment, Conservation and Parks. 2019. Recovery Strategy for the Blanding's Turtle ( <i>Emydoidea blandingii</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. iv + 6 pp. + Appendix. Adoption of the Recovery Strategy for Blanding's Turtle ( <i>Emydoidea blandingii</i> ), Great Lakes / St. Lawrence population, in Canada (Environment and Climate Change Canada 2018). |
| Chimney Swift      | <i>Chaetura pelagica</i>     | THR                      | General (Guided) | No. The site and its 30 m lack any open chimney or old and hollow tree that could function as the species nesting habitat.  | Chimney Swift have historically nested in large hollow trees, other tree cavities and cracks in cliffs, but now tend to nest in chimneys and other anthropogenic structures, such as silos, wells and abandoned buildings, found within urban environments (Cadman et al. 2007, COSSARO 2020).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cadman, M.D., D.A. Sutherland, G.G. Beck, D. Lepage, and A.R. Couturier (eds.). 2007. Atlas of the Breeding Birds of Ontario, 2001-2005. Bird Studies Canada, Environment Canada, Ontario Field Ornithologists, Ontario Ministry of Natural Resources, and Ontario Nature, Toronto, xxii + 706 pp. COSSARO 2020. Ontario Species at Risk Evaluation Report for Chimney Swift, Martinet ramoneur ( <i>Chaetura Pelagica</i> ).                                                                   |
| Least Bittern      | <i>Ixobrychus exilis</i>     | THR                      | General          | No. The site and its 30 m lack any wetland habitat that could support the species presence.                                 | In Ontario, the Least bittern is found in a variety of wetland habitats but strongly prefers cattail marshes with a mix of open pools and channels (OMNR 2016).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ontario Ministry of Natural Resources and Forestry. 2016. Recovery Strategy for the Least Bittern ( <i>Ixobrychus exilis</i> ) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ontario Ministry of Natural Resources and Forestry, Peterborough, Ontario. v + 5 pp. + Appendix.                                                                                                                                                                                                   |
| Bobolink           | <i>Dolichonyx oryzivorus</i> | THR                      | General (Guided) | No. The site and its 30 m lack any grassland or grassland resembling vegetation that could function as the species habitat. | Bobolink breed in relatively tall vegetation typically associated with hayfields and other grasslands, with nesting success being greatest in undisturbed fields or those mown in mid- to late summer (Cadman et al. 2007).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cadman, M.D., D.A. Sutherland, G.G. Beck, D. Lepage, and A.R. Couturier (eds.). 2007. Atlas of the Breeding Birds of Ontario, 2001-2005. Bird Studies Canada, Environment Canada, Ontario Field Ornithologists, Ontario Ministry of Natural Resources, and Ontario Nature, Toronto, xxii + 706 pp.                                                                                                                                                                                              |
| Eastern Meadowlark | <i>Sturnella magna</i>       | THR                      | General (Guided) | No. The site and its 30 m lack any grassland or grassland resembling vegetation that could function as the species habitat. | Eastern Meadowlarks breed in moderately tall grasslands (e.g., pastures and hayfields), but can also be found in alfalfa fields, weedy borders of croplands, roadsides, orchards, airports, shrubby overgrown fields, or other open areas. Sites typically contain small trees, shrubs or fence posts which are used as song perches (MECP 2025).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MECP. 2025. Species at risk in Ontario. Available from: <a href="https://www.ontario.ca/page/species-risk-ontario">https://www.ontario.ca/page/species-risk-ontario</a> .                                                                                                                                                                                                                                                                                                                       |

**SARO Status Legend**

|                   |                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>END</b>        | Endangered - the species lives in the wild in Ontario but is facing imminent extinction or extirpation                                                                |
| <b>THR</b>        | Threatened - the species lives in the wild in Ontario, is not endangered, but is likely to become endangered if steps are not taken to address factors threatening it |
| <b>Not Listed</b> | The SARO list (i.e., Ontario Regulation 230/08) does not include the species.                                                                                         |

**Resources checked:**

|                                           |                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species at risk in Ontario. MECP          | <a href="https://www.ontario.ca/page/species-risk-ontario">https://www.ontario.ca/page/species-risk-ontario</a>                                                                                                                                                               |
| Natural Heritage Information Centre (NHI) | <a href="https://www.liaapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&amp;locale=en-CA">https://www.liaapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&amp;locale=en-CA</a> |
| Ontario Reptile & Amphibian Atlas (ORAA)  | Ontario Reptile and Amphibian Atlas, available at <a href="https://www.ontarioinsects.org/herp/">https://www.ontarioinsects.org/herp/</a>                                                                                                                                     |
| Ontario Breeding Bird Atlas (OBBA)        | Birds Ontario, available at <a href="https://www.birdsontario.org/jsp/datasummaries.jsp#results">https://www.birdsontario.org/jsp/datasummaries.jsp#results</a>                                                                                                               |
| Rare Species of Ontario. NHIC.            | <a href="https://inaturalist.ca/projects/nhic-rare-species-of-ontario">https://inaturalist.ca/projects/nhic-rare-species-of-ontario</a>                                                                                                                                       |
| Ontario Butterfly Atlas Online (OBAO)     | <a href="https://www.ontarioinsects.org/atlas">https://www.ontarioinsects.org/atlas</a>                                                                                                                                                                                       |
| Fisheries and Oceans Canada (DFO)         | <a href="https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html">https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html</a>                                                                                                         |



## **APPENDIX VII**



# **AERIAL PHOTOGRAPHS**



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



**LEGEND**

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: NATIONAL AIR PHOTO LIBRARY  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**1946 HISTORICAL AERIAL PHOTOGRAPH**

|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-1</b> |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



LEGEND

- SITE BOUNDARY
- STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:



SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

1958 HISTORICAL AERIAL PHOTOGRAPH



|                    |                          |                    |
|--------------------|--------------------------|--------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br>VII-2   |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



**LEGEND**

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



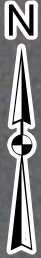
TITLE:

**1965 HISTORICAL AERIAL PHOTOGRAPH**



|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-3</b> |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



#### LEGEND

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**1976 HISTORICAL AERIAL PHOTOGRAPH**

DRAWN BY:

JS/SF

PROJECT NO.:

CO972.00

CHECKED BY:

KWB

REVISION:

00

DATE:

APRIL 2025

FIGURE:

**VII-4**





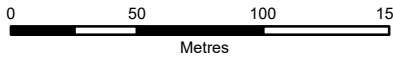
C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



OTTAWA RIVER

#### LEGEND

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**1991 HISTORICAL AERIAL PHOTOGRAPH**



|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-5</b> |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



#### LEGEND

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**2002 HISTORICAL AERIAL PHOTOGRAPH**

|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-6</b> |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



LEGEND

- SITE BOUNDARY
- STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**2011 HISTORICAL AERIAL PHOTOGRAPH**



|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-7</b> |



C:\Users\jfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



**LEGEND**

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**2021 HISTORICAL AERIAL PHOTOGRAPH**



|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-8</b> |



C:\Users\slfinlay\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO900\CO972.00 1047 Richmond Rd. Ottawa MXD\Phase ONE - Portion of 1047\CO972.00 FIG V HISTORICAL AERIALS.mxd



**LEGEND**

-  SITE BOUNDARY
-  STUDY AREA



DATA SOURCE: GOOGLE EARTH  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**2024 HISTORICAL AERIAL PHOTOGRAPH**

|                    |                          |                         |
|--------------------|--------------------------|-------------------------|
| DRAWN BY:<br>JS/SF | PROJECT NO.:<br>CO972.00 | CHECKED BY:<br>KWB      |
| REVISION:<br>00    | DATE:<br>APRIL 2025      | FIGURE:<br><b>VII-9</b> |



## **APPENDIX VIII**

# **TOPOGRAPHIC MAPS**





#### LEGEND

- SITE BOUNDARY
- STUDY AREA

CLIENT:

**FENGATE**

SITE LOCATION:

PORTION OF 1047 RICHMOND ROAD  
OTTAWA, ONTARIO



TITLE:

**TOPOGRAPHIC MAP**

DRAWN BY: JS

PROJECT NO.: CO972.00

CHECKED BY: KWB

REVISION: 00

DATE: APRIL 2025

**FIGURE: VIII-1**

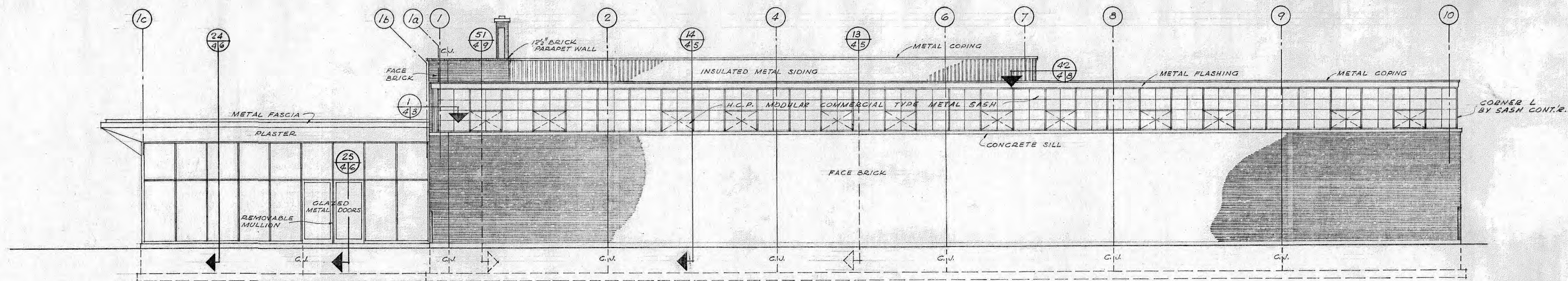
DATA SOURCE: NATURAL RESOURCES CANADA  
MAP PROJECTION: NAD 1983 UTM Zone 18N



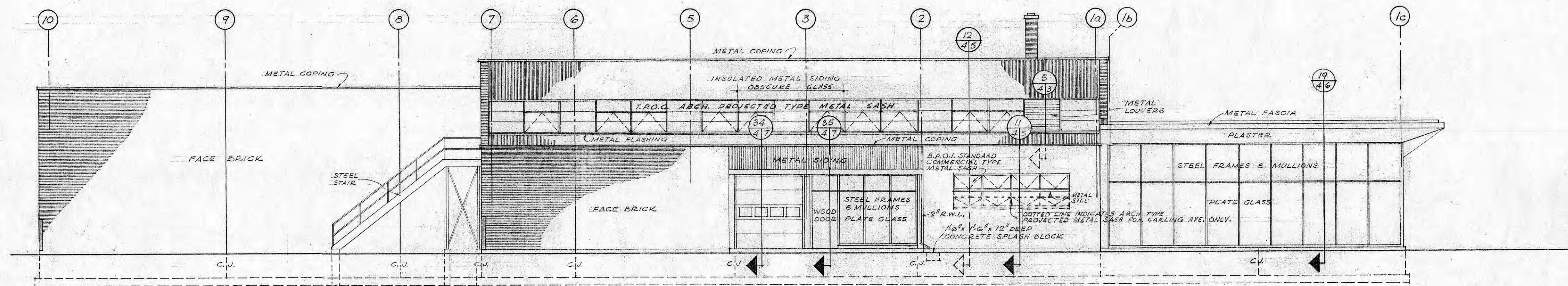
## **APPENDIX IX**

### **CLIENT FILES**

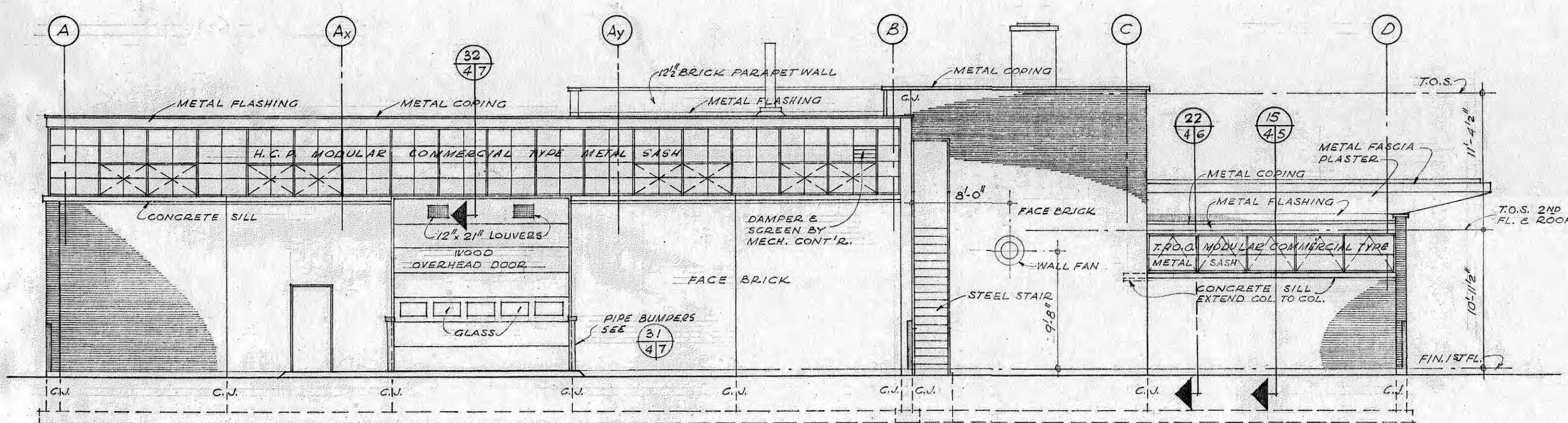




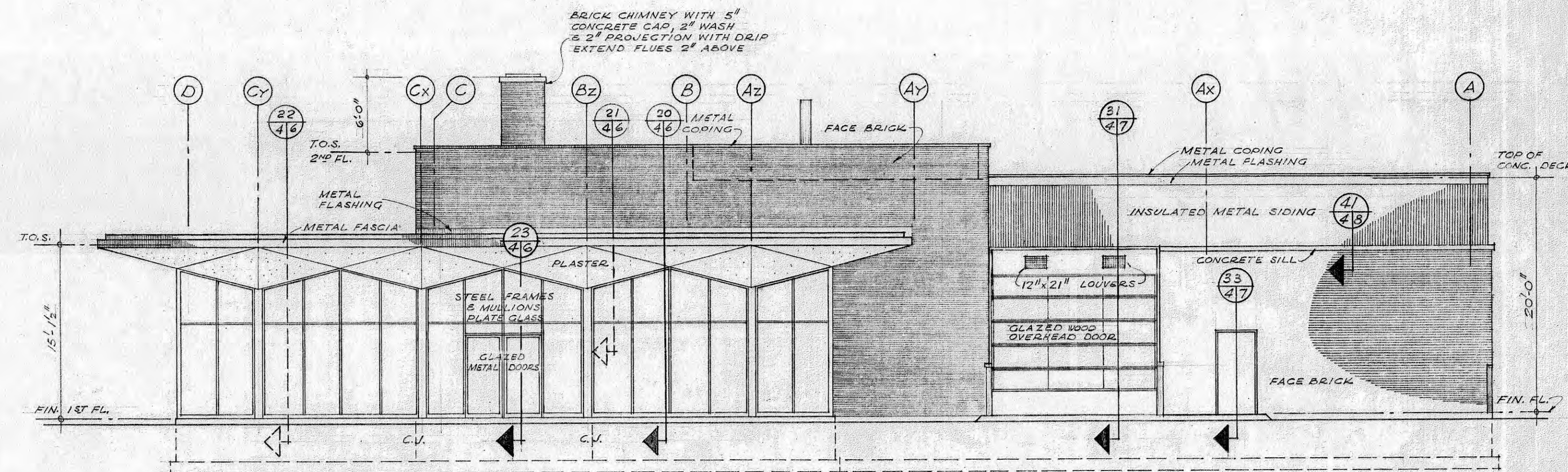
RIGHT SIDE ELEVATION  
SCALE 1/8" = 1'-0"



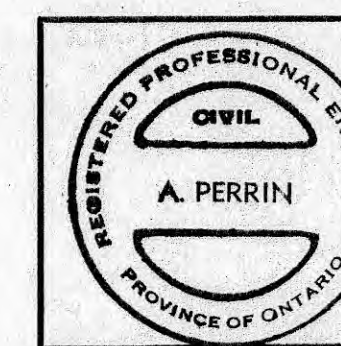
LEFT SIDE ELEVATION  
SCALE 1/8" = 1'-0"



REAR ELEVATION  
SCALE 1/8" = 1'-0"



FRONT ELEVATION  
SCALE 1/8" = 1'-0"

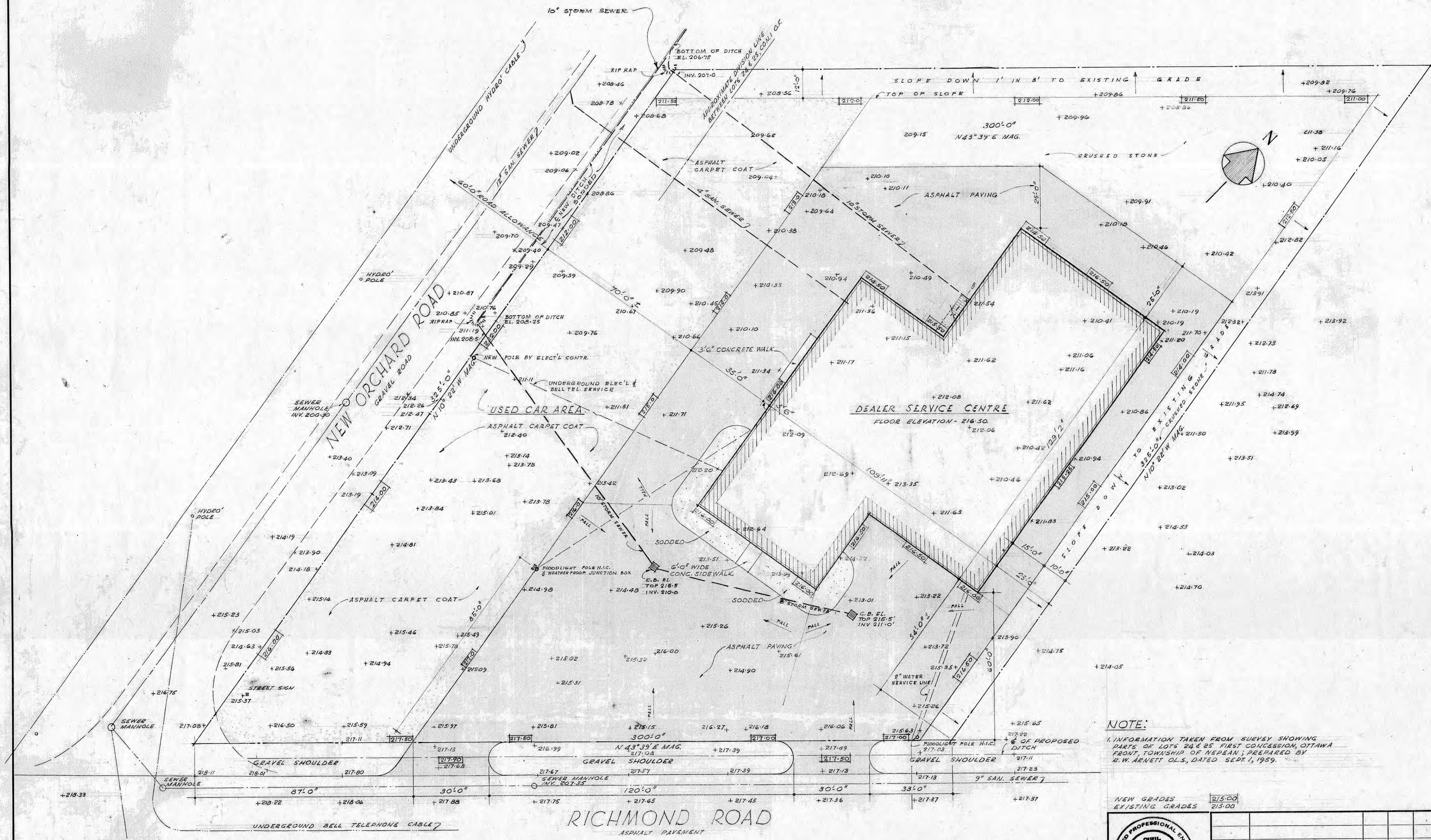


DETAIL SYMBOL  
DETAIL NUMBER  
LOCATION SHEET

| DATE        | ISSUED FOR                 | REVISION  |
|-------------|----------------------------|-----------|
| NOV. 11/59  | REVISION WITH BULLETIN #4  | W.I.G. #5 |
| OCT. 5/59   | REVISIONS WITH BULLETIN #1 | V.S.F. #1 |
| SEPT. 24/59 | CONSTRUCTION               |           |
| SEPT. 16/59 | BUILDING PERMIT            |           |
| SEPT. 15/59 | SUB-TRADE TENDERS          |           |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| CLIENT<br><b>CHRYSLER CORPORATION</b>           |                          |
| JOB TITLE<br><b>SALES &amp; SERVICE CENTERS</b> |                          |
| SHEET TITLE<br><b>ELEVATIONS</b>                |                          |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS   |                          |
| TORONTO, ONT.                                   | WINDSOR, ONT.            |
| DRAWN<br><b>P.C.L.</b>                          | DATE<br><b>A. PERRIN</b> |
| CHECKED<br><b>R. ROGER S.</b>                   | DATE<br><b>J. LENARD</b> |
| DESIGNED                                        | DATE                     |
| APPROVED                                        | DATE                     |
| JOB CAPTAIN<br><b>J. LENARD</b>                 |                          |
| SHEET<br><b>4</b>                               |                          |
| FILE # <b>64</b>                                |                          |





NOTE:  
 1. INFORMATION TAKEN FROM SURVEY SHOWING PARTS OF LOTS 24 & 25 FIRST CONCESSION, OTTAWA FRONT TOWNSHIP OF NEPEAN, PREPARED BY R.W. ARNETT O.L.S., DATED SEPT. 1, 1959.

NEW GRADES 215.00  
 EXISTING GRADES 215.00



| DETAIL SYMBOL | DETAIL NUMBER | LOCATION SHEET | DETAIL SHEET |
|---------------|---------------|----------------|--------------|
|               |               |                |              |

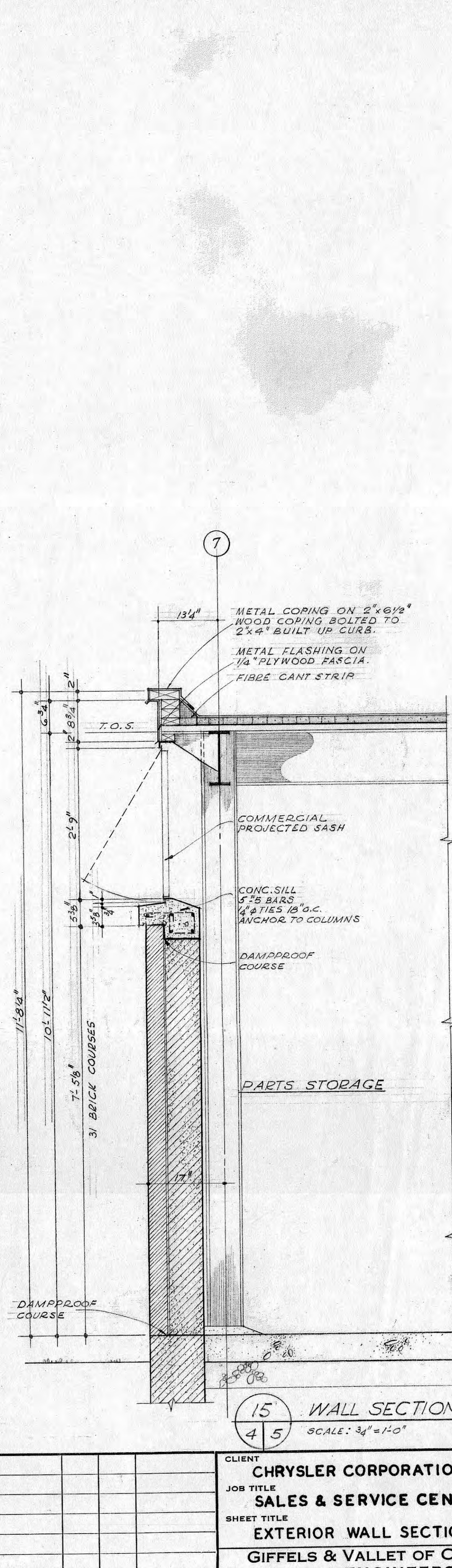
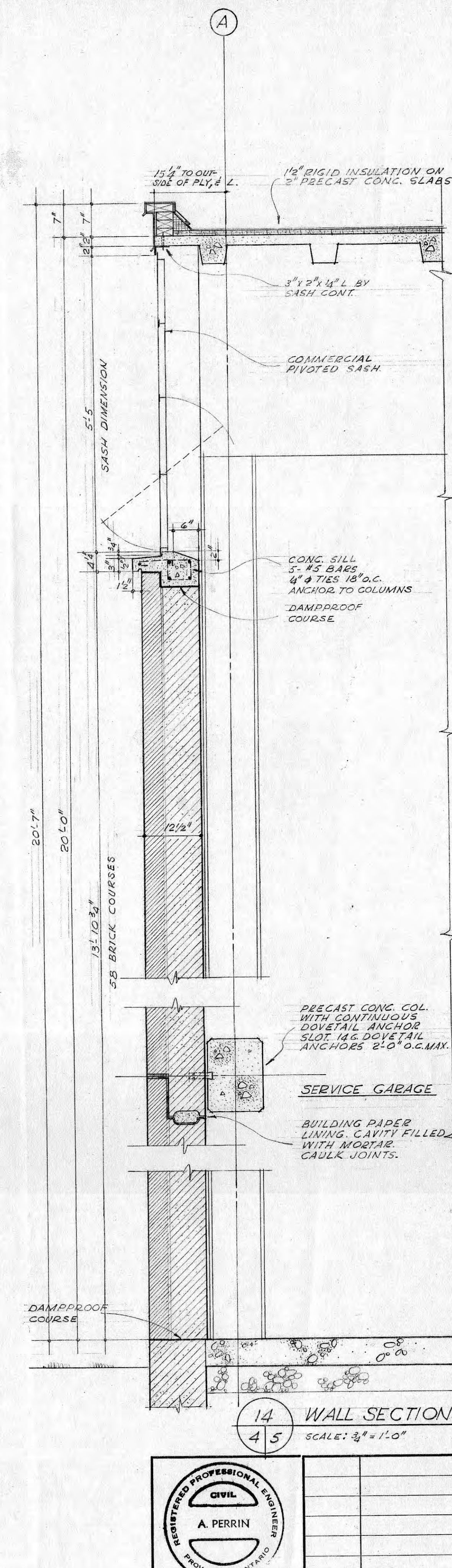
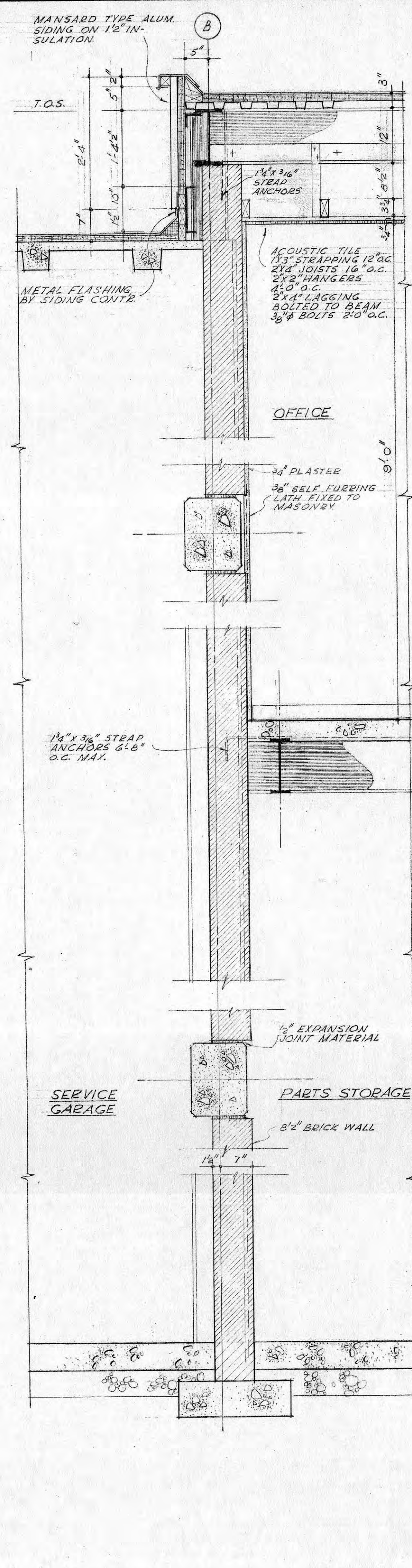
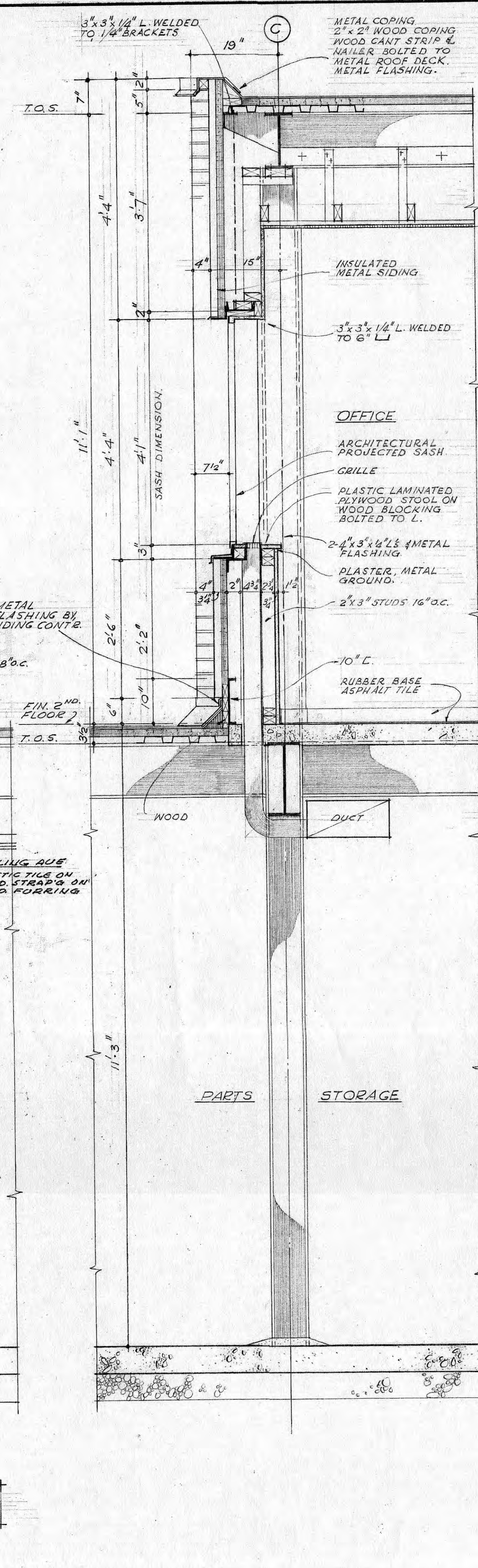
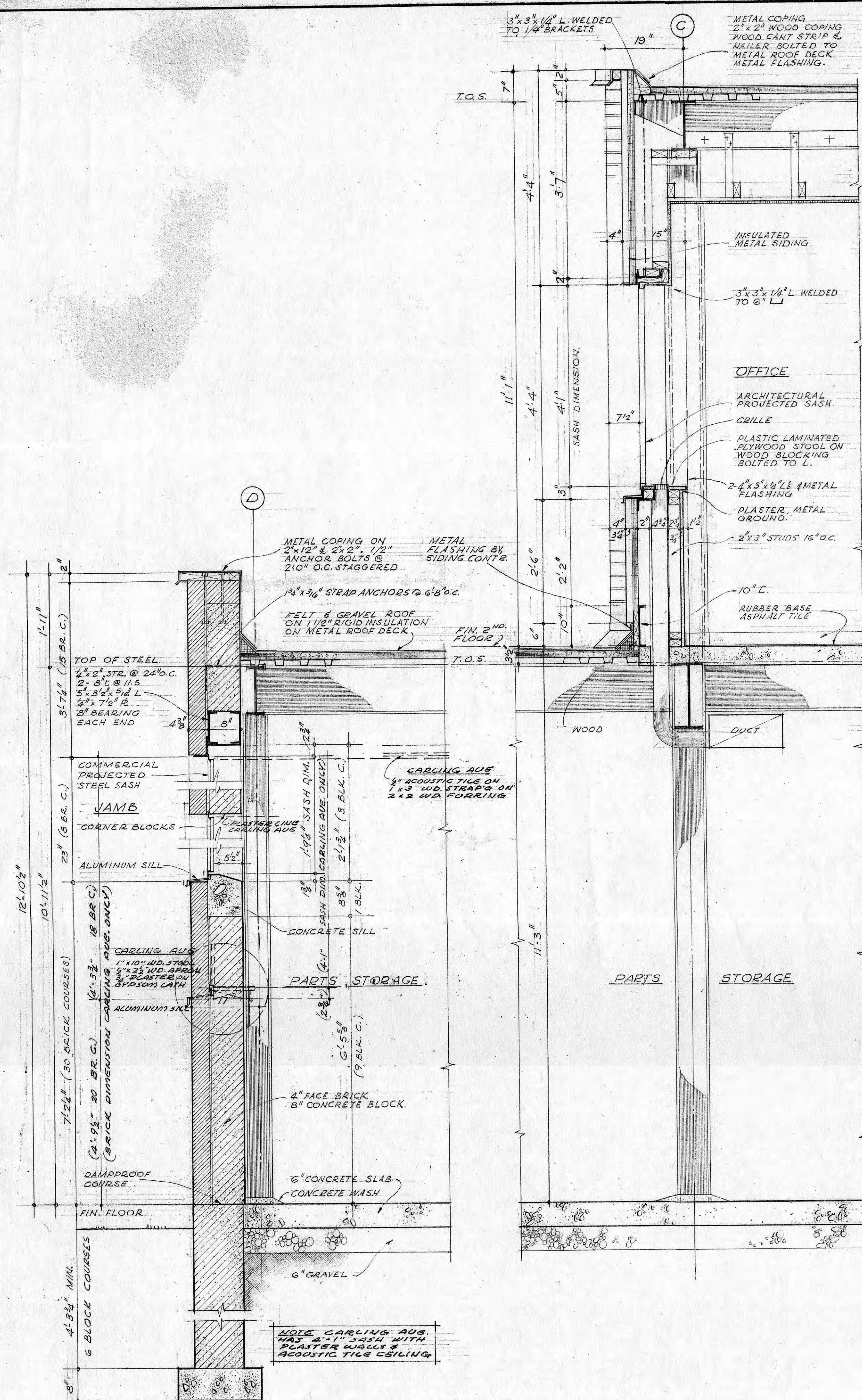
| DATE        | ISSUED FOR           | REVISION    |
|-------------|----------------------|-------------|
| JULY 11/50  | REVISIONS - AS BUILT | 7/11/50 4/9 |
| OCT. 9/59   | CONSTRUCTION         | #2          |
| SEPT. 16/59 | BUILDING PERMIT      |             |
| SEPT. 15/59 | SUBTRADE TENDERS     |             |

|                                               |                                |                            |                              |
|-----------------------------------------------|--------------------------------|----------------------------|------------------------------|
| CLIENT                                        | CHRYSLER CORPORATION OF CANADA |                            |                              |
| JOB TITLE                                     | SALES & SERVICE CENTRES        |                            |                              |
| SHEET TITLE                                   | PLOT PLAN - RICHMOND ROAD      |                            |                              |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                                |                            |                              |
| TORONTO, ONT.                                 |                                | WINDSOR, ONT.              |                              |
| DRAWN<br>WIG                                  | DATE<br>8/29/59                | PROJECT CHIEF<br>A. PERRIN | JOB<br>C 59 27 B             |
| CHECKED                                       | IN CHARGE<br>R. ROGERS         |                            | SHEET<br><br>1A<br>File # 54 |
| DESIGNED                                      | DATE                           |                            |                              |
| APPROVED                                      | JOB CAPTAIN<br>J. LENARD       |                            |                              |

PLOT PLAN  
 SCALE 1" = 20' 0"

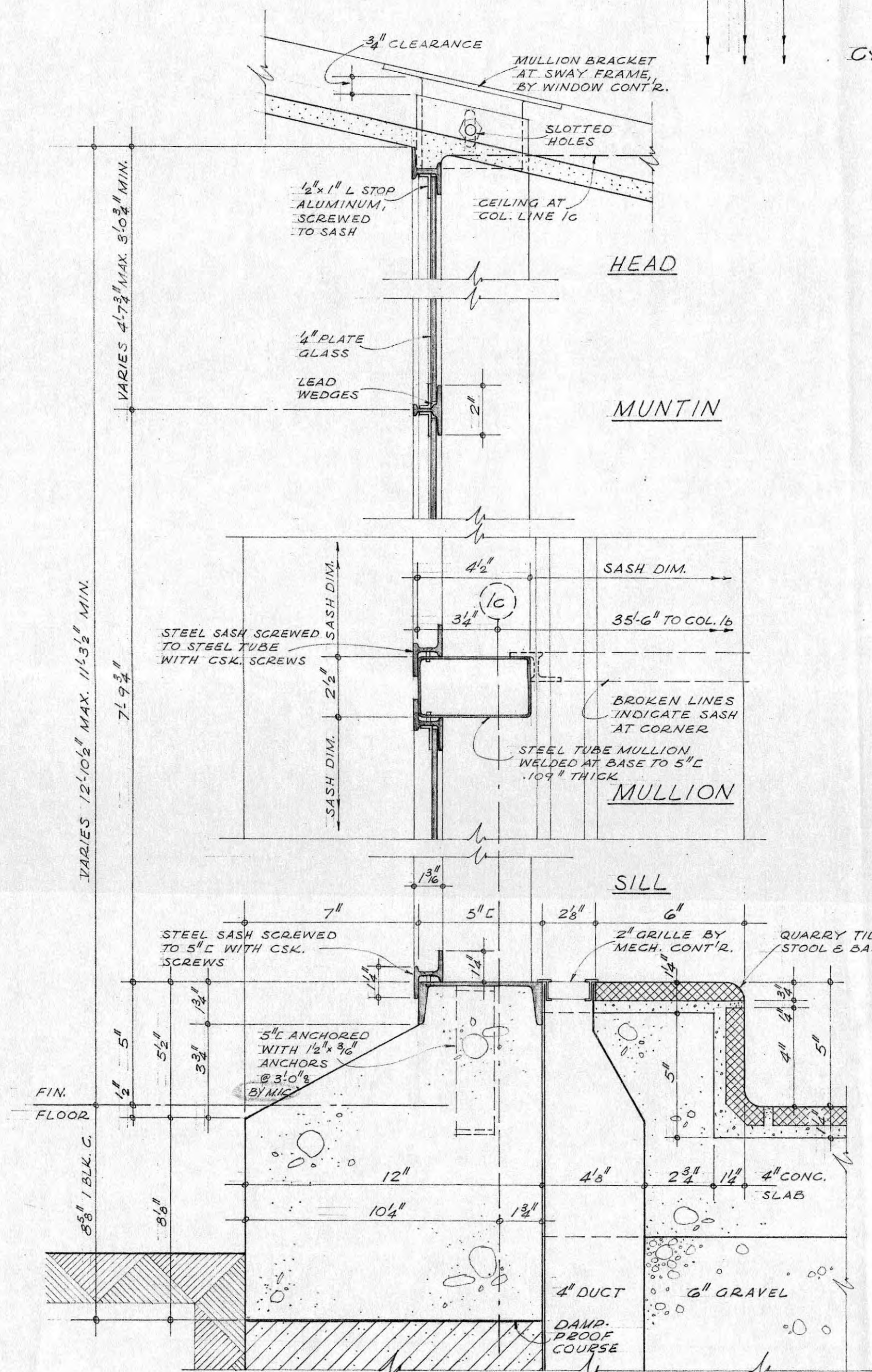
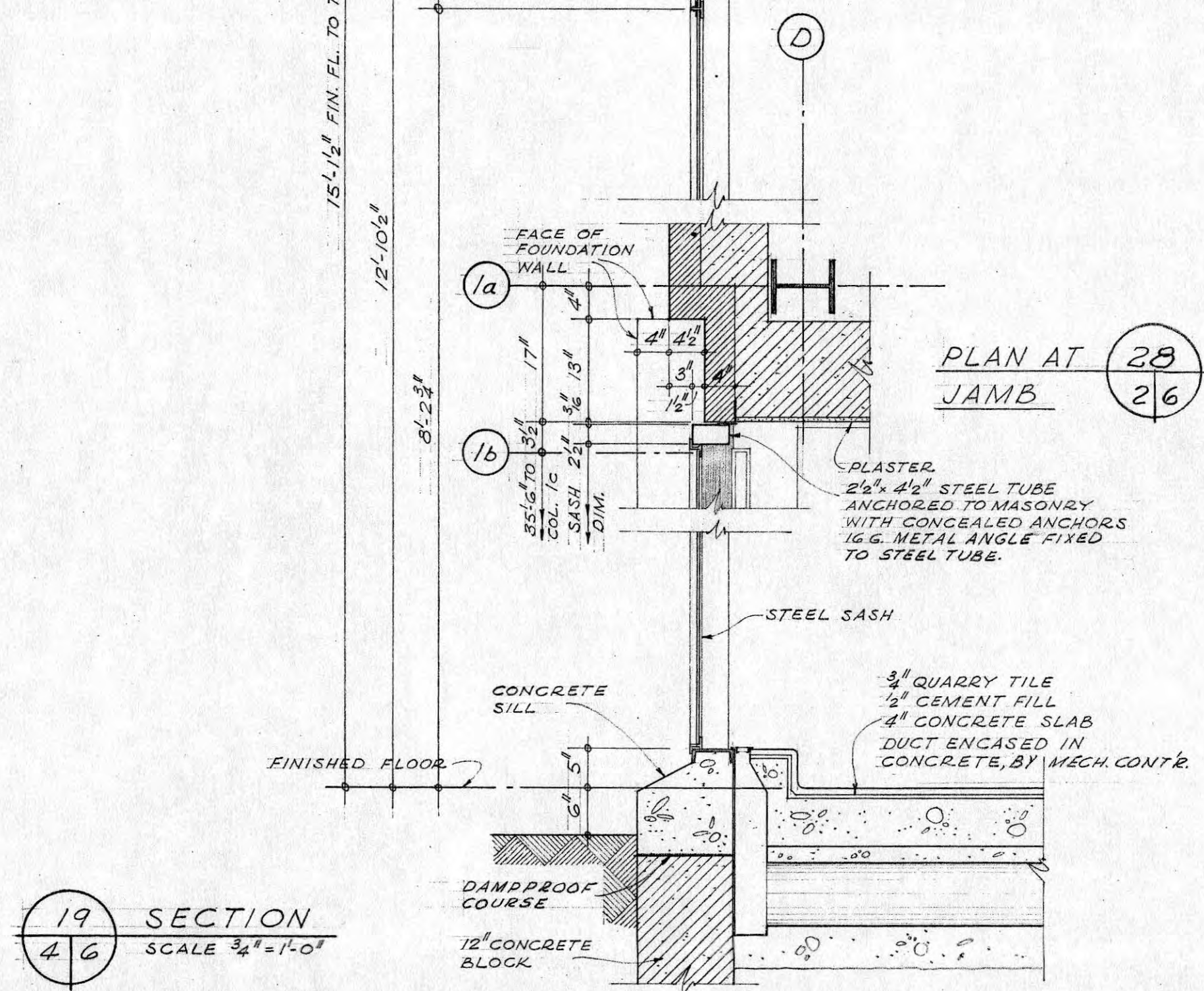
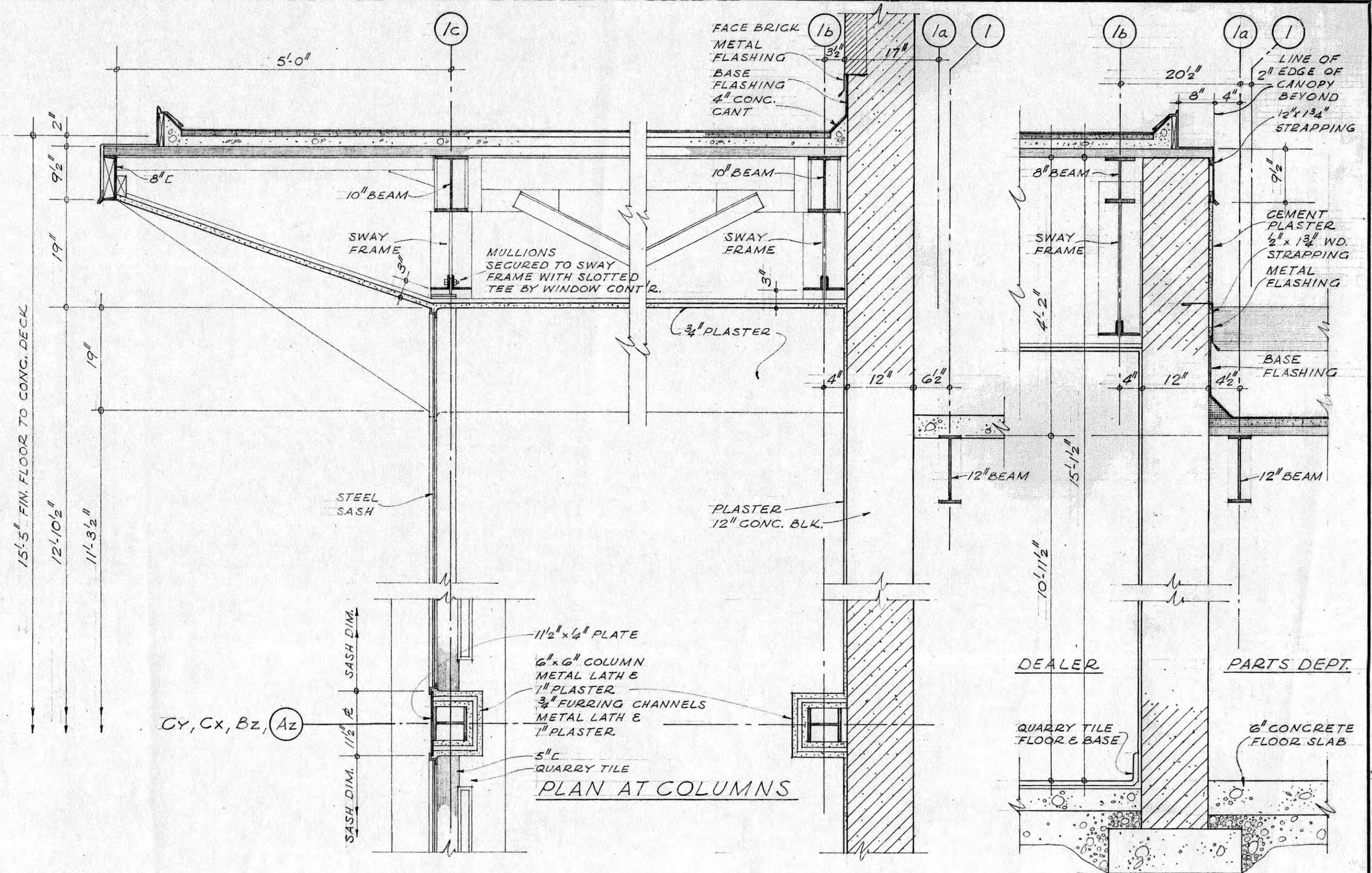
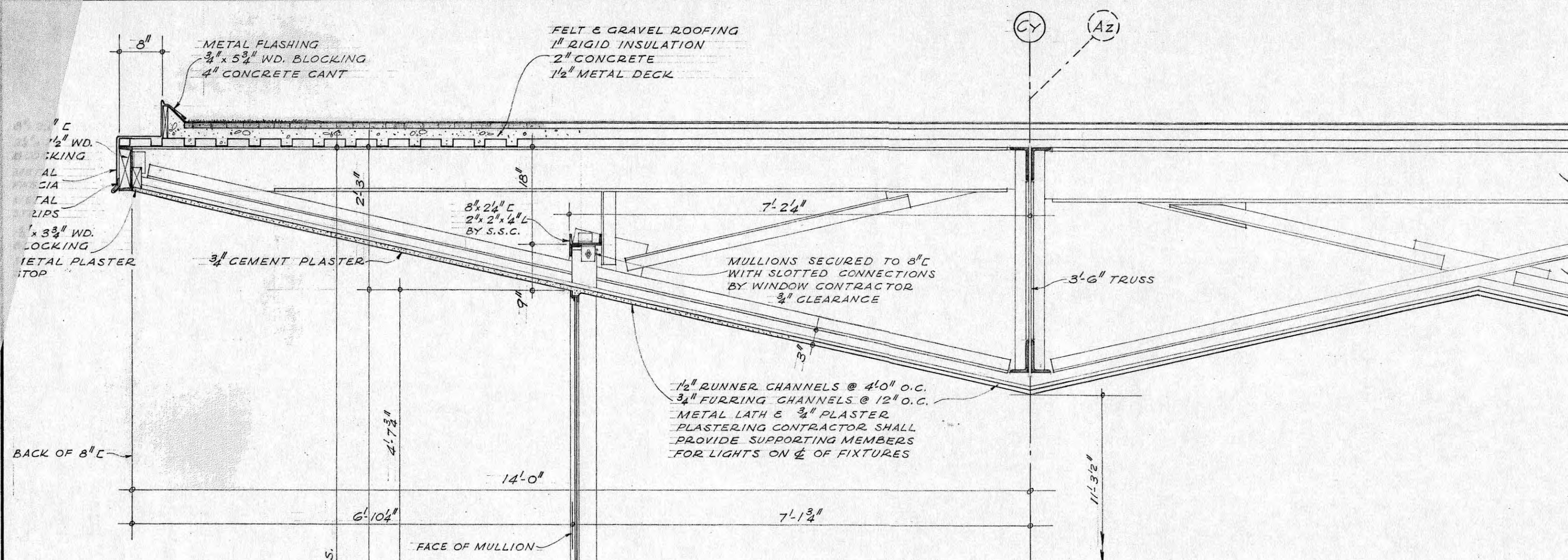
L100 Q-D-7





|                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>REGISTERED PROFESSIONAL ENGINEER</b><br><b>CIVIL</b><br><b>A. PERRIN</b><br>PROVINCE OF ONTARIO                                                                       |  | CLIENT<br><b>CHRYSLER CORPORATION OF CANADA</b><br>JOB TITLE<br><b>SALES &amp; SERVICE CENTRES</b><br>SHEET TITLE<br><b>EXTERIOR WALL SECTIONS</b><br><b>GIFFELS &amp; VALLET OF CANADA, LTD.</b><br><b>ENGINEERS</b> |  |
| <b>DETAIL SYMBOL</b><br>DETAIL NUMBER<br>LOCATION SHEET                                                                                                                  |  | TORONTO, ONT.<br>WINDSOR, ONT.                                                                                                                                                                                        |  |
| NOV. 11/69 REVISIONS WITH BULLETIN #4<br>OCT. 5/69 REVISIONS WITH BULLETIN #1<br>SEPT. 2/69 CONSTRUCTION<br>SEPT. 16/69 BUILDING PERMIT<br>SEPT. 15/69 SUB-TRADE TENDERS |  | DATE<br>ISSUED FOR<br>REVISION                                                                                                                                                                                        |  |
| DRAWN<br>WIG<br>CHECKED<br>DESIGNED<br>APPROVED                                                                                                                          |  | DATE<br>PROJECT CHIEF<br>IN CHARGE<br>JOB CAPTAIN                                                                                                                                                                     |  |
| NOV. 11/69<br>OCT. 5/69<br>SEPT. 2/69<br>SEPT. 16/69<br>SEPT. 15/69                                                                                                      |  | A. PERRIN<br>R. ROGERS<br>J. LEMARD                                                                                                                                                                                   |  |
| JOB<br>C.59.27-B<br>SHEET<br>5                                                                                                                                           |  | L100<br>Q-0-7<br>FILE # 64                                                                                                                                                                                            |  |



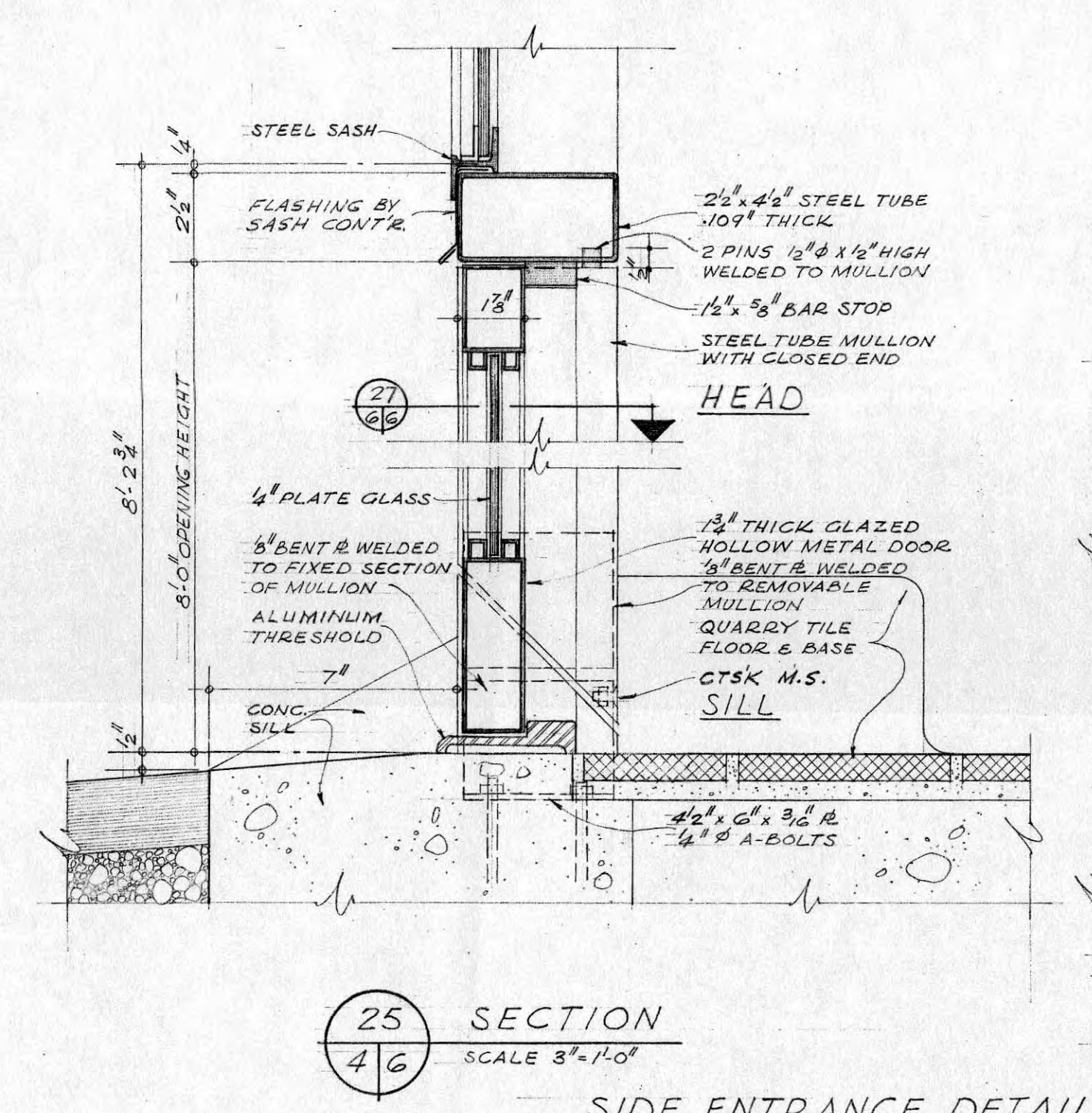


20 SECTION  
4 6 SCALE 3/4\"/>

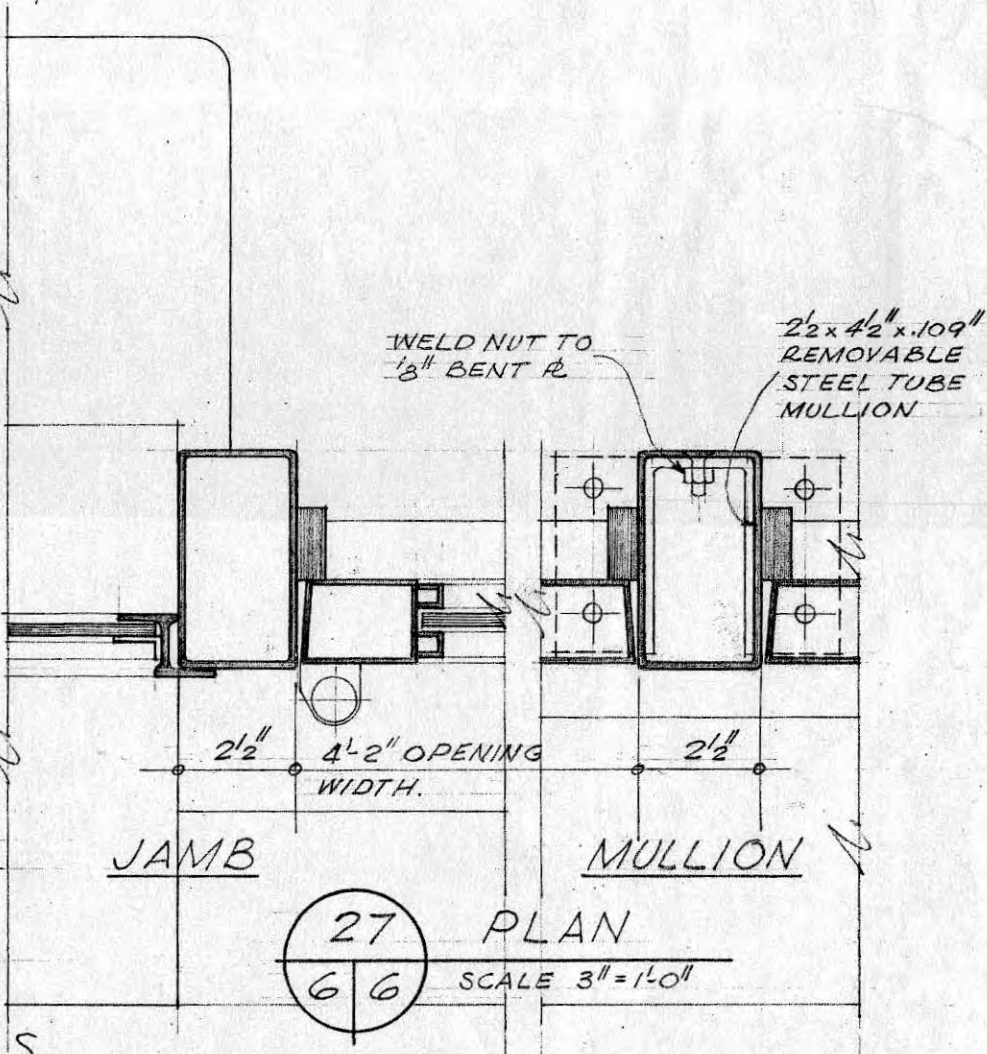
21 SECTION  
4 6 SCALE 3/4\"/>

22 SECTION  
4 6 SCALE 3/4\"/>

19 SECTION  
4 6 SCALE 3/4\"/>

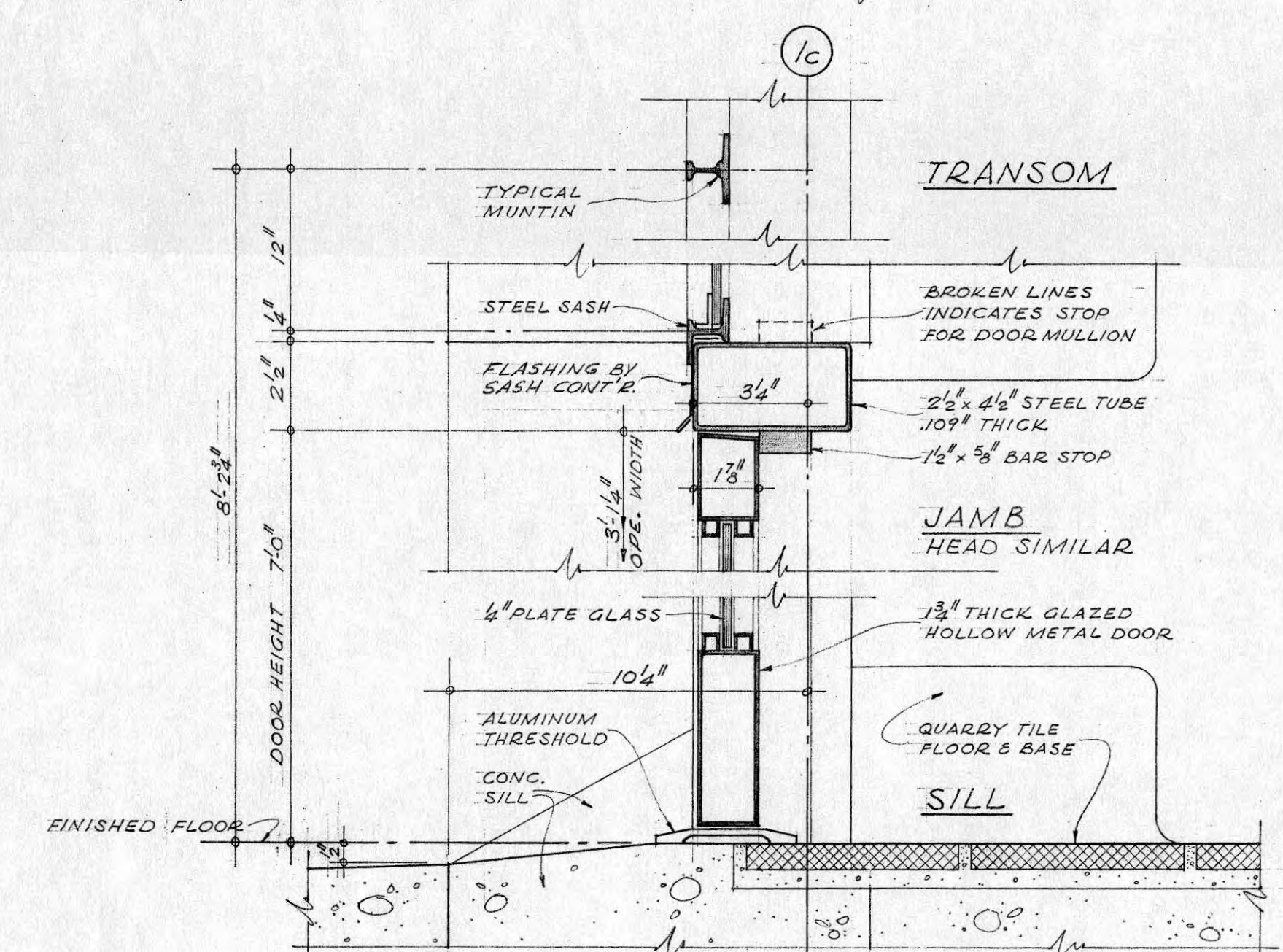


25 SECTION  
4 6 SCALE 3/4\"/>



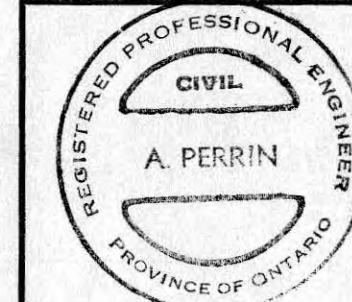
27 PLAN  
6 6 SCALE 3/4\"/>

SIDE ENTRANCE DETAILS



23 ENTRANCE DOORS  
4 6 SCALE 3/4\"/>

24 WINDOW DETAILS  
4 6 SCALE 3/4\"/>

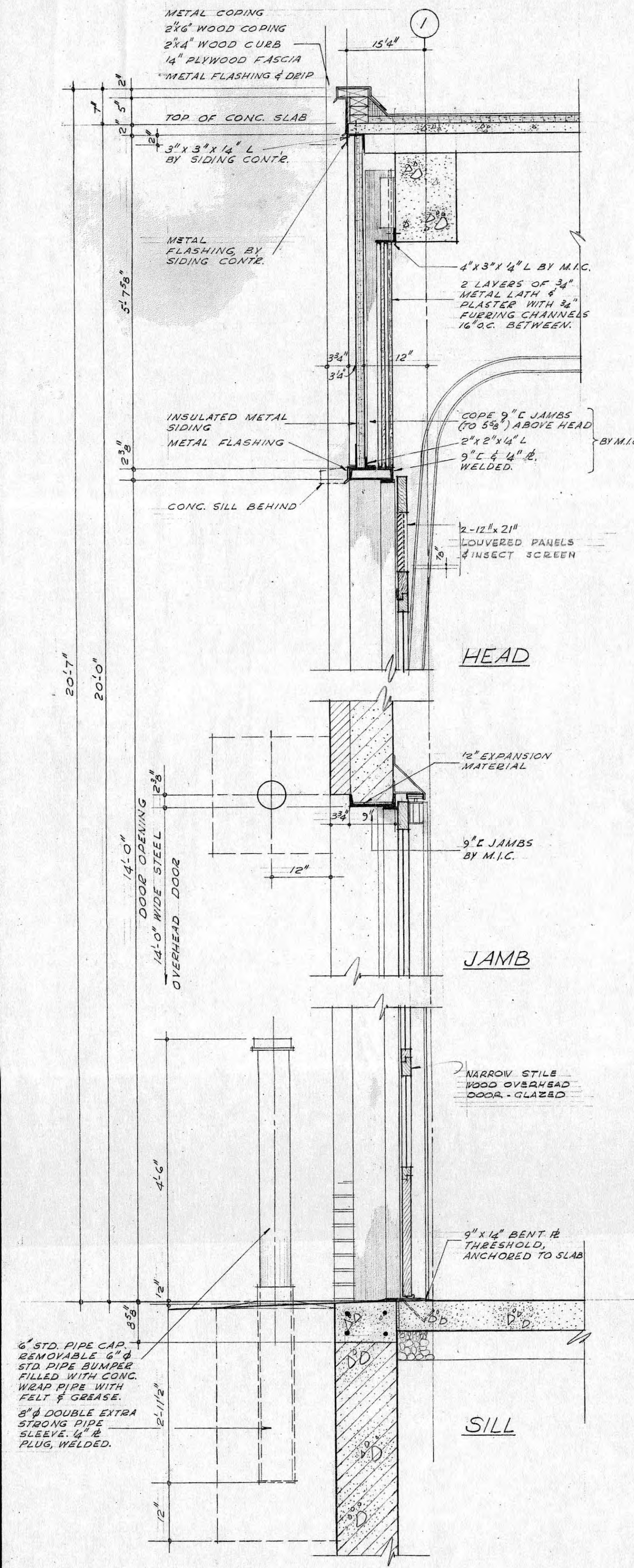


| DETAIL SYMBOL | DETAIL NUMBER | LOCATION | DETAIL SHEET |
|---------------|---------------|----------|--------------|
|               |               |          |              |

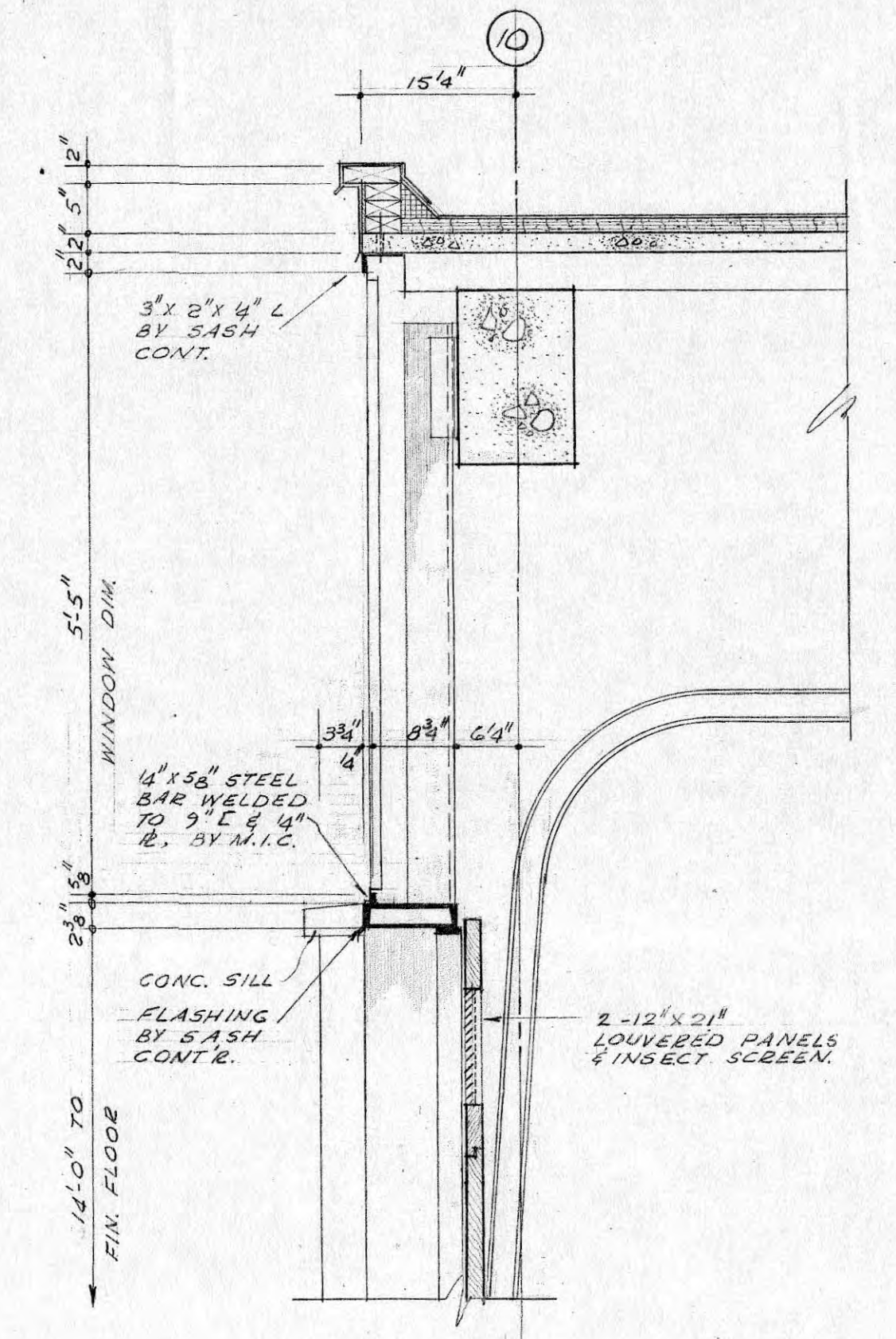
| DATE       | ISSUED FOR              | REVISION  |
|------------|-------------------------|-----------|
| OCT 5/59   | REVISIONS WITH BULLETIN | V.S.F. #1 |
| SEPT 21/59 | CONSTRUCTION            |           |
| SEPT 16/59 | BUILDING PERMIT         |           |

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| CLIENT<br><b>CHRYSLER CORPORATION OF CANADA</b> | JOB TITLE<br><b>SALES &amp; SERVICE CENTRES</b> |
| SHEET TITLE<br><b>SHOWROOM DETAILS</b>          | PROJECT CHIEF<br><b>A. PERRIN</b>               |
| IN CHARGE<br><b>R. ROGERS</b>                   | JOB<br><b>C 59-27-B</b>                         |
| DATE                                            | SHEET<br><b>6</b>                               |
| APPROVED<br><b>J. L. ENNARD</b>                 | JOB CAPTAIN                                     |

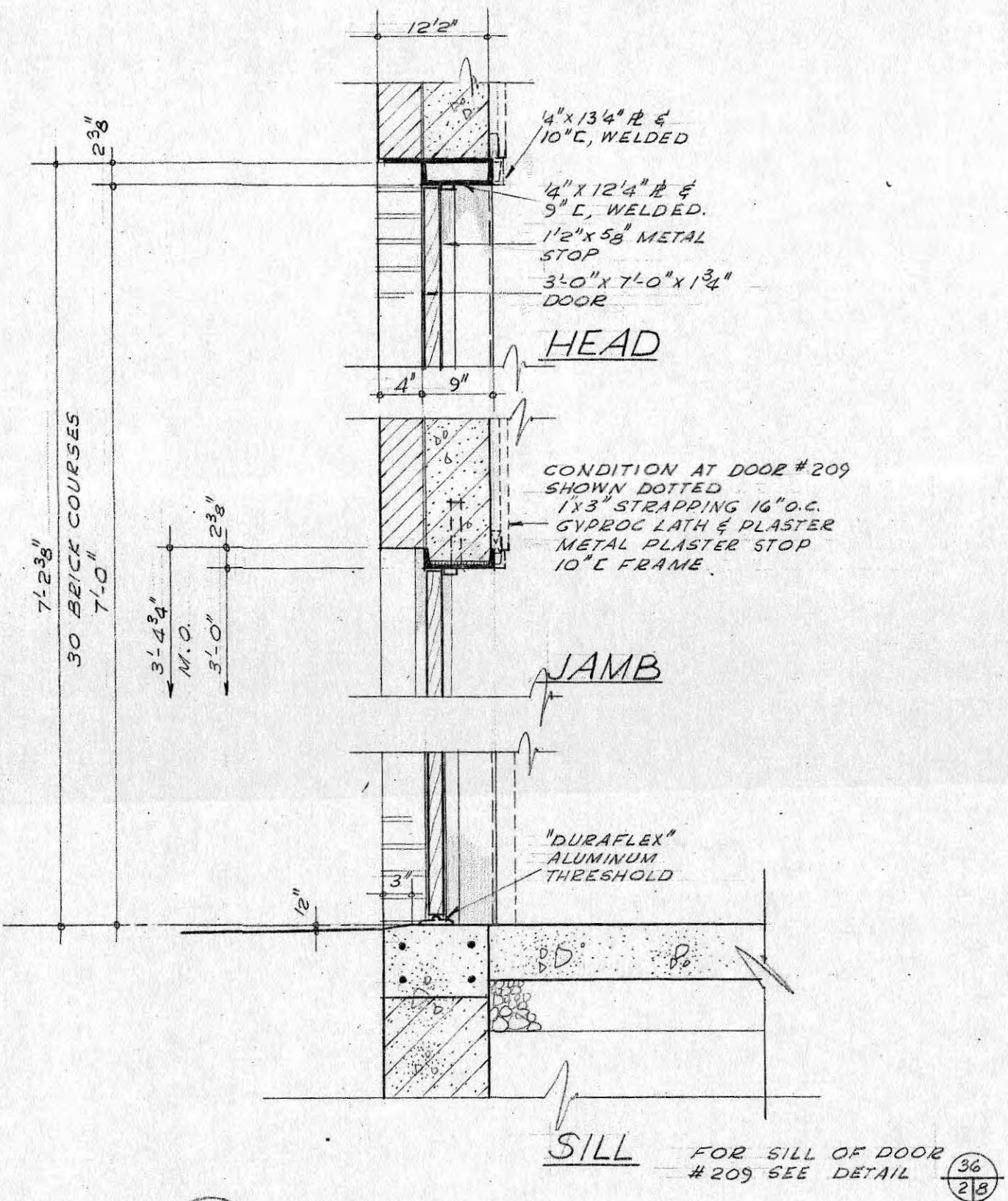




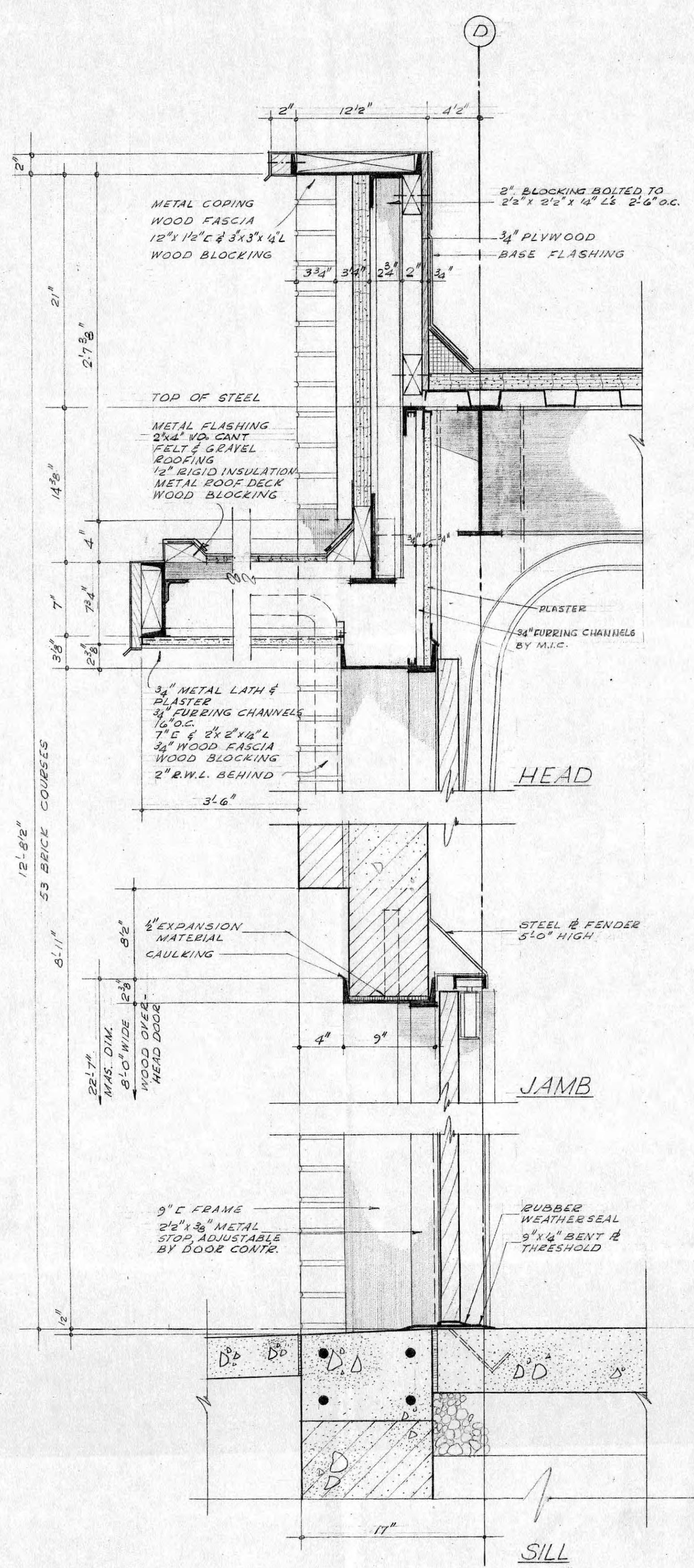
31 OVERHEAD DOOR - FRONT ELEV.  
47 SCALE: 3/8" = 1'-0" SERVICE GARAGE



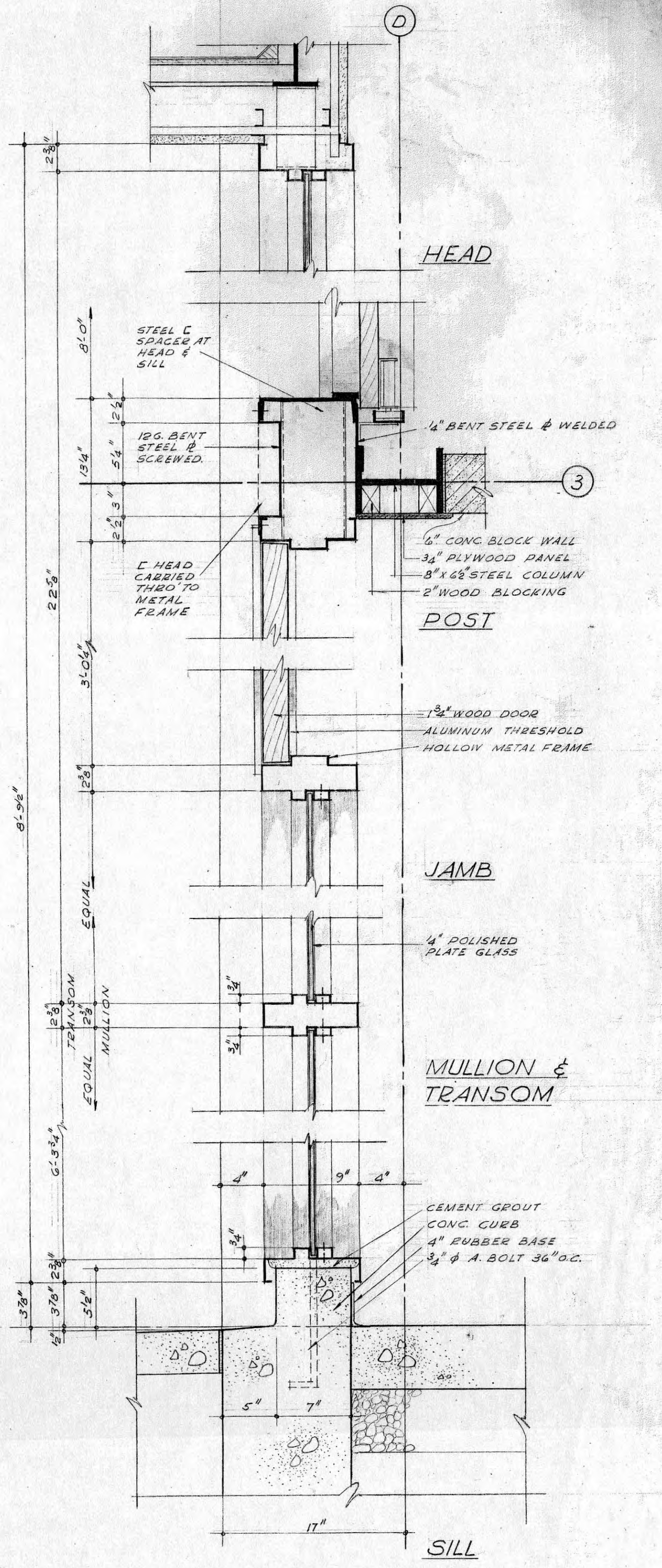
32 OVERHEAD DOOR - REAR ELEV.  
47 SCALE: 3/8" = 1'-0" SERVICE GARAGE



33 TYPICAL PASS DOOR  
67 SCALE: 3/8" = 1'-0"



34 OVERHEAD DOOR - SIDE ELEV.  
47 SCALE: 1/2" = 1'-0" PARTS STORAGE



35 PARTS SALES CURTAIN WALL  
47 SCALE: 1/2" = 1'-0"

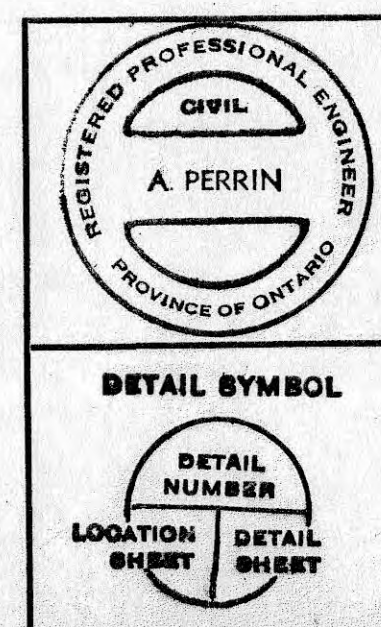
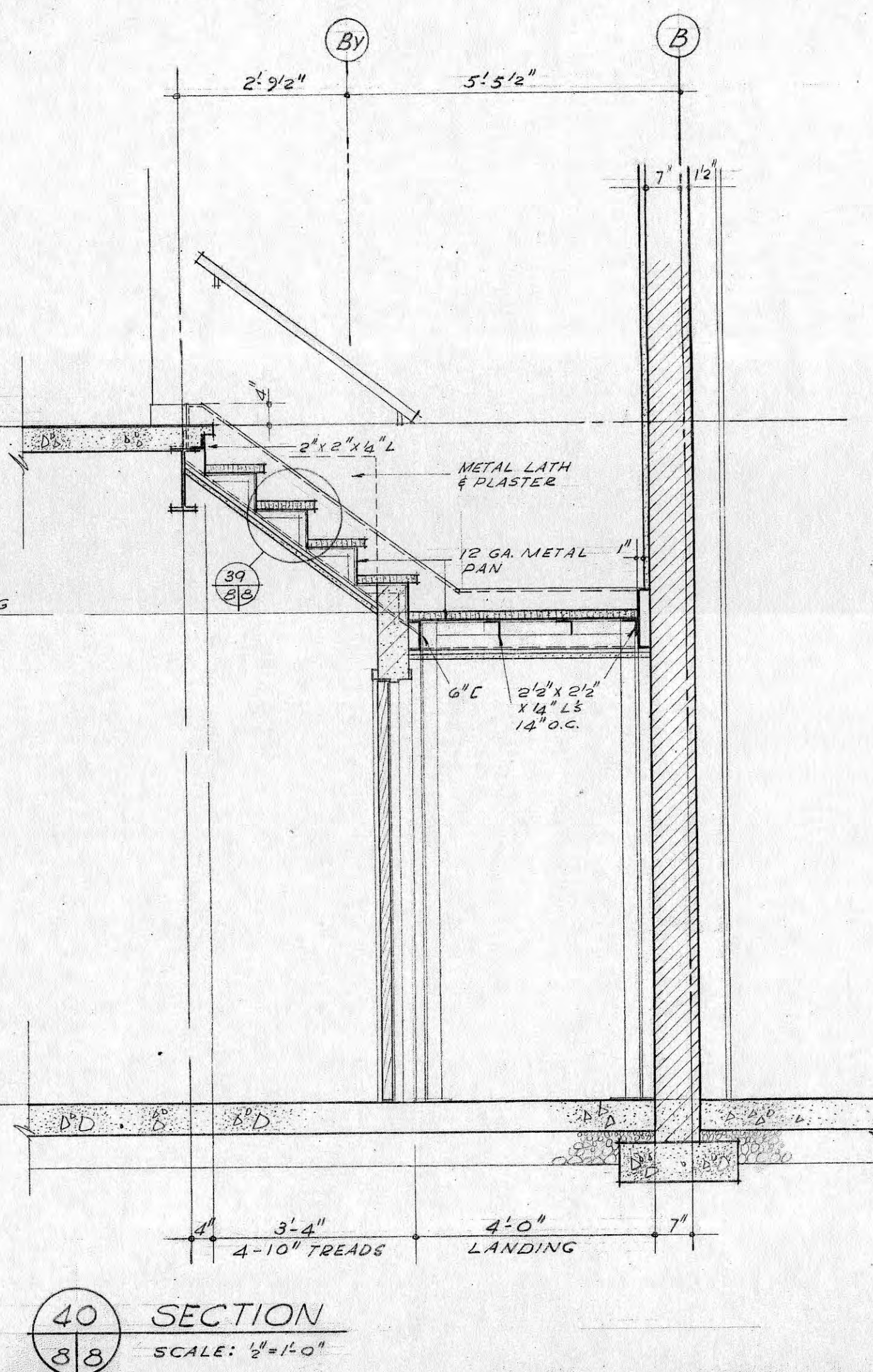
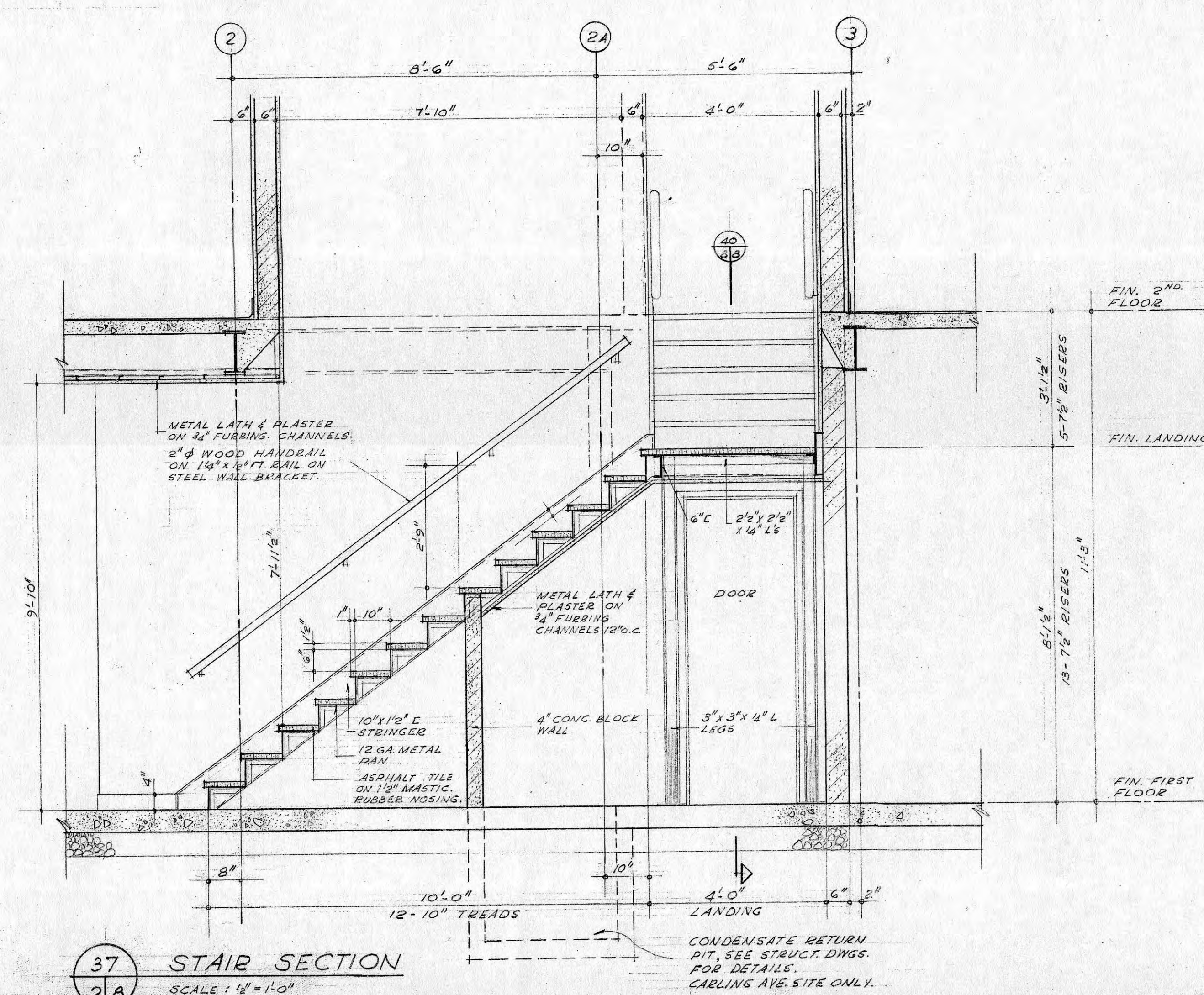
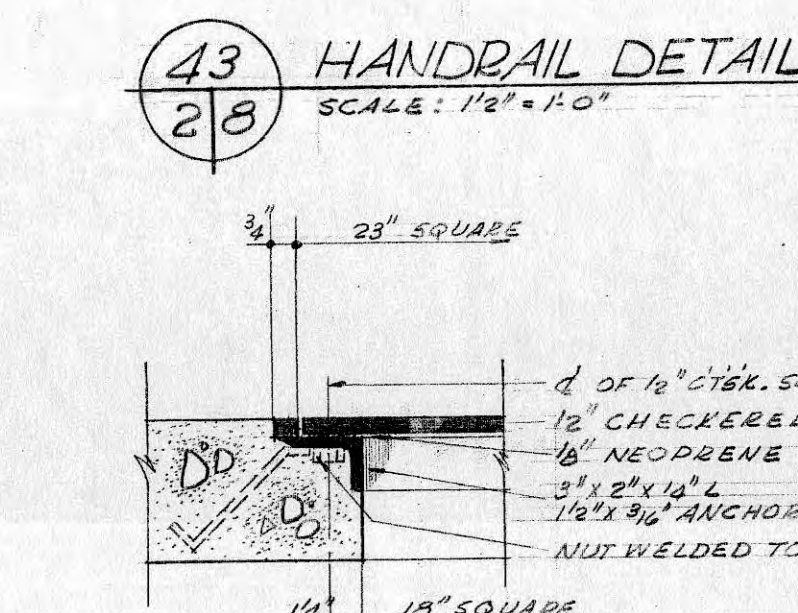
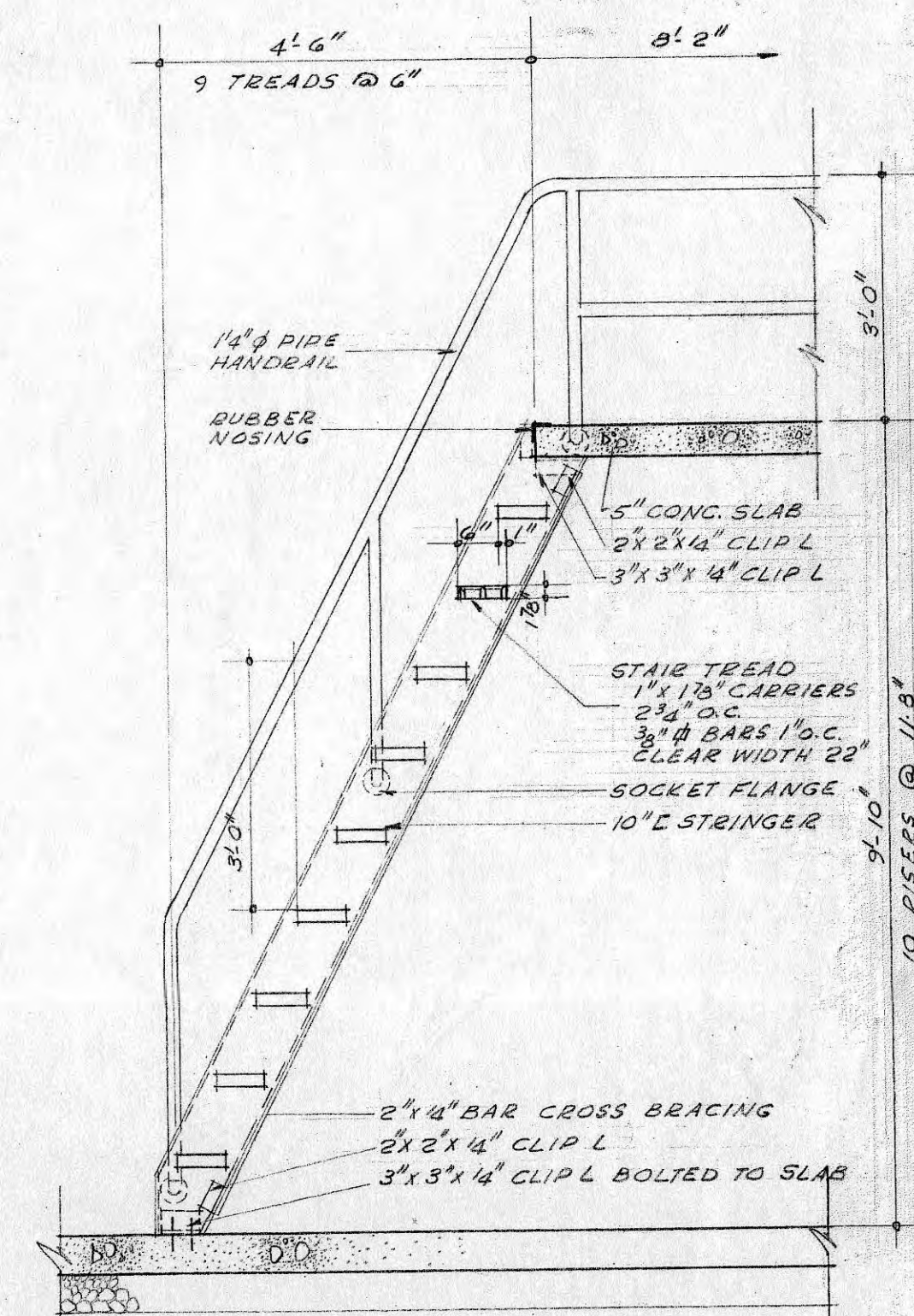
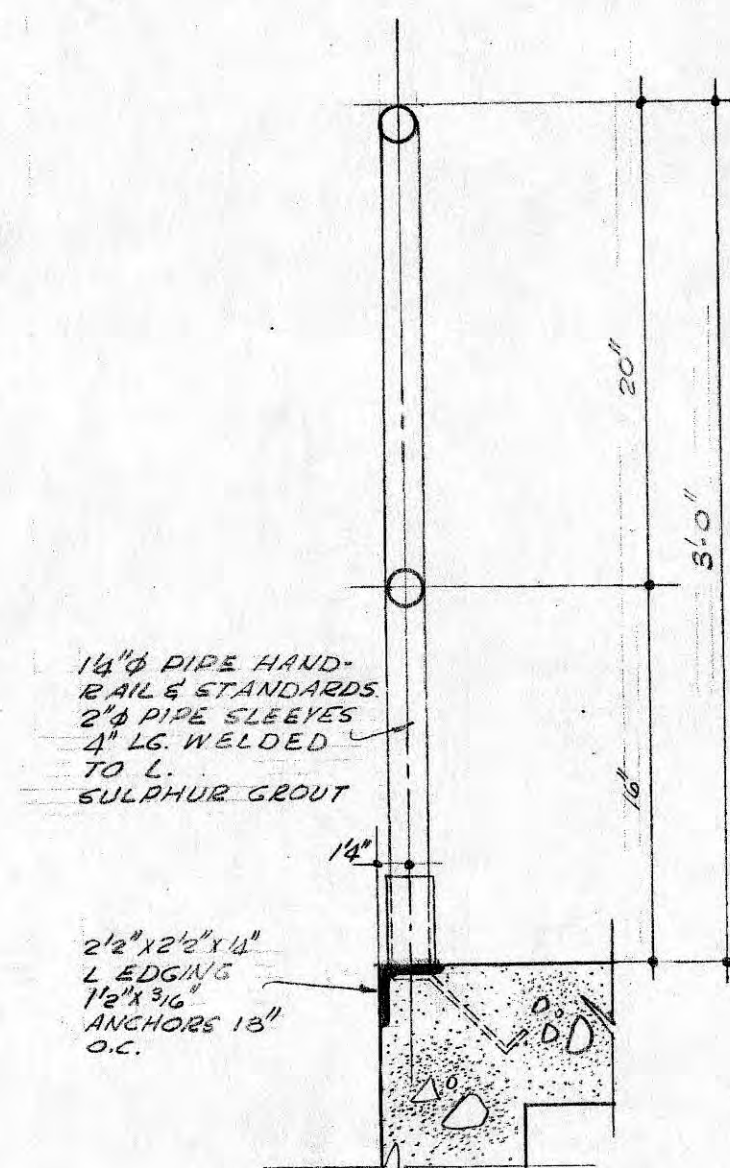
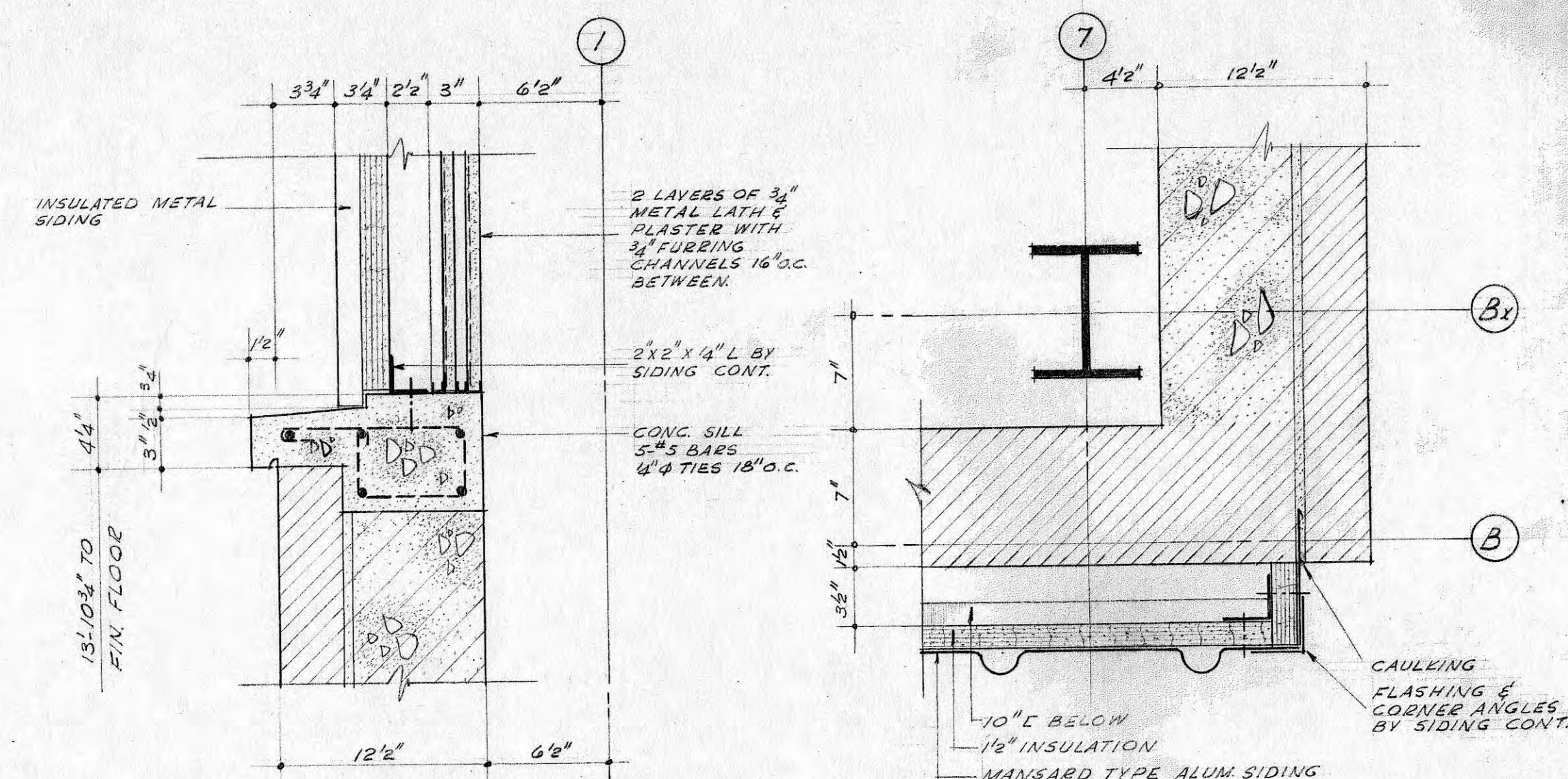
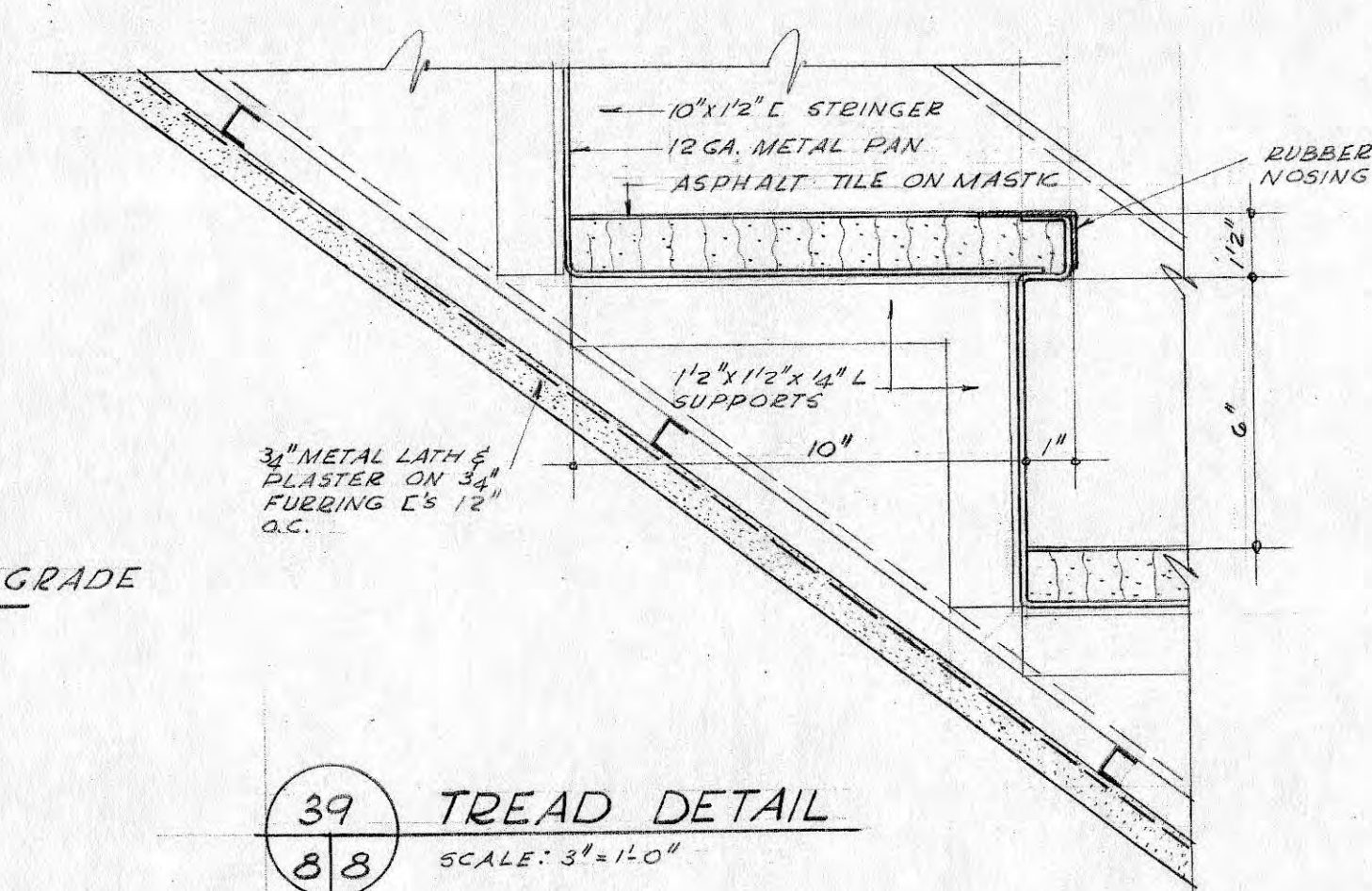
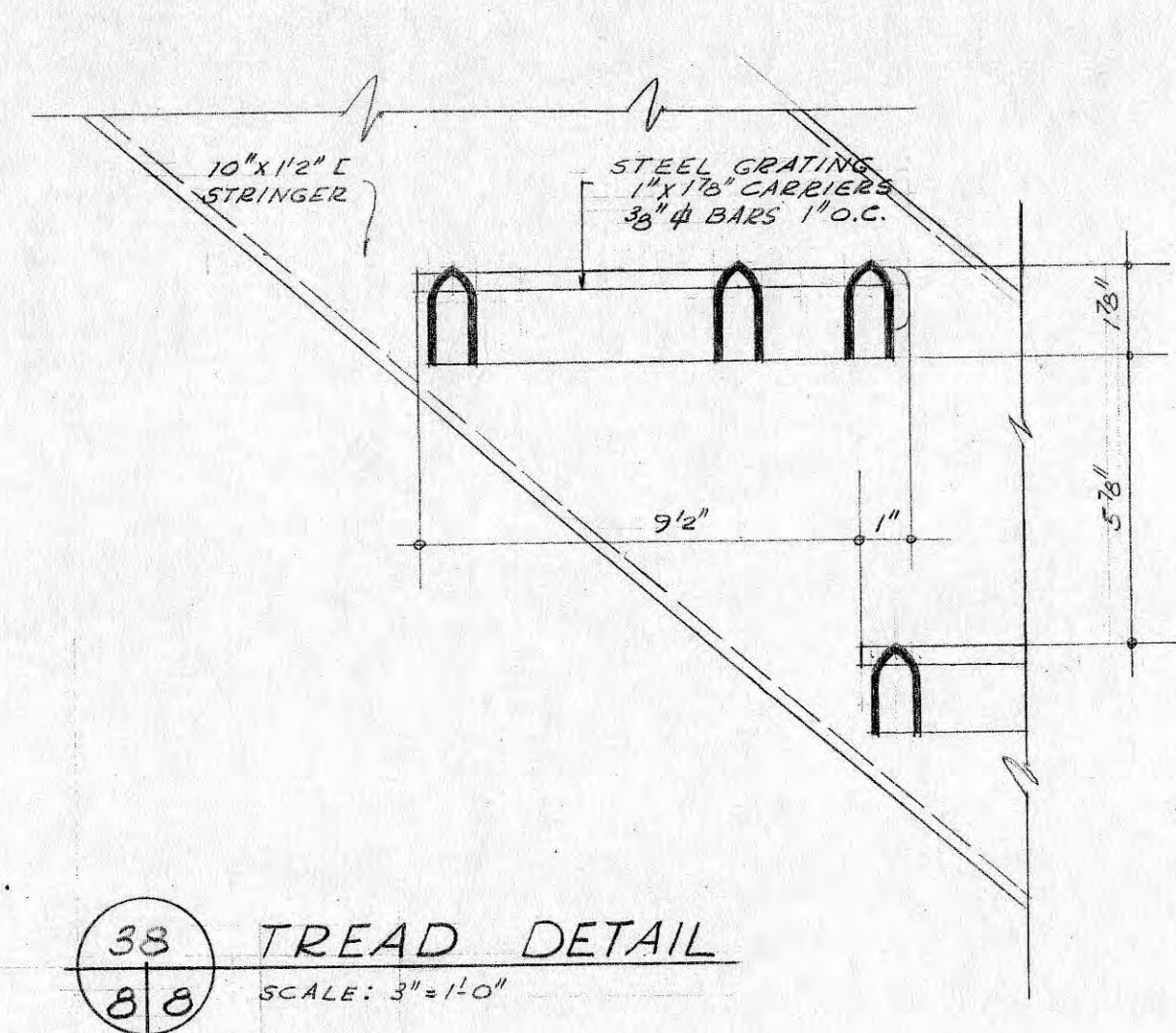
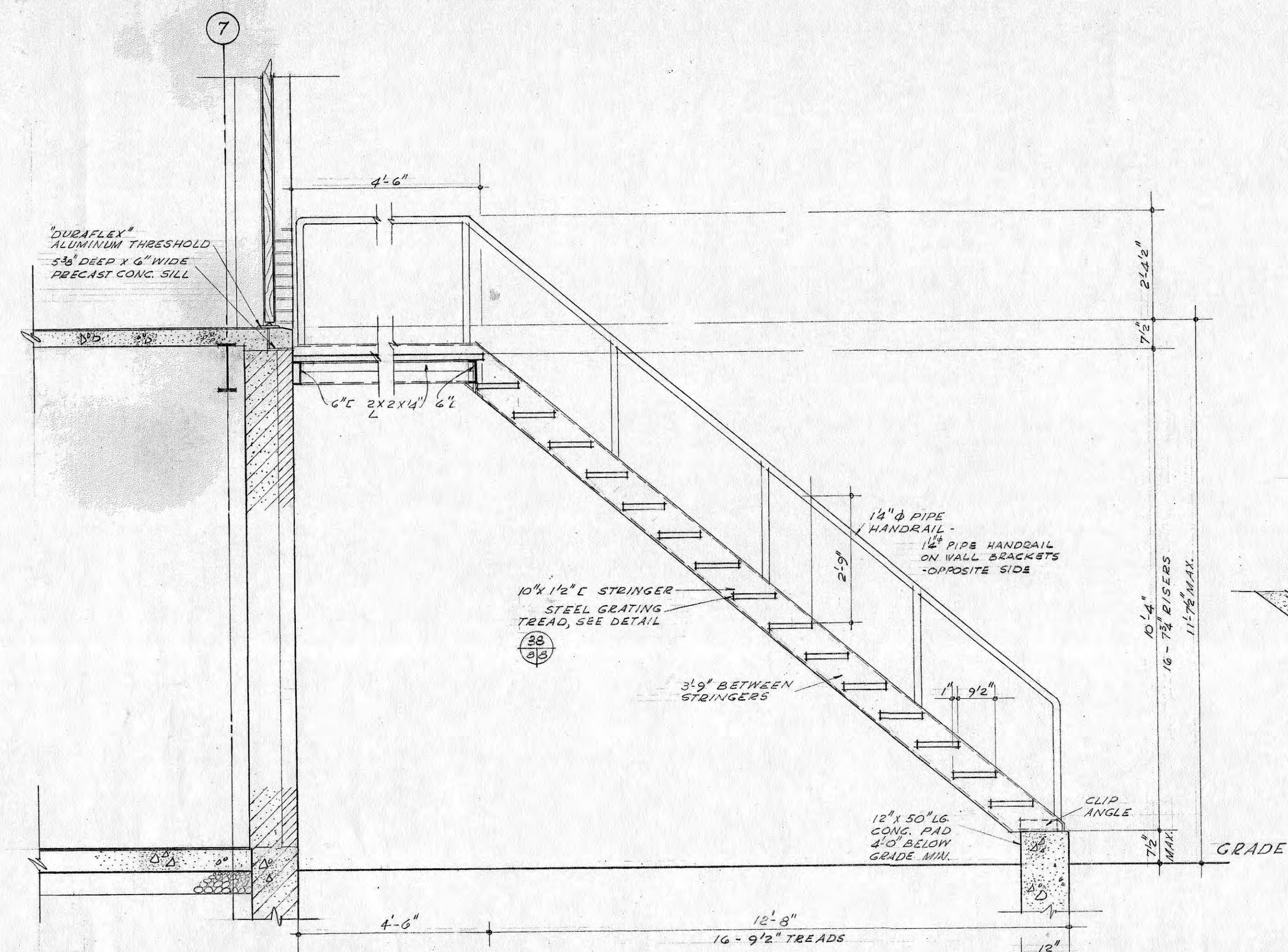


| DETAIL SYMBOL | DETAIL NUMBER | LOCATION SHEET | DETAIL SHEET |
|---------------|---------------|----------------|--------------|
|               |               |                |              |

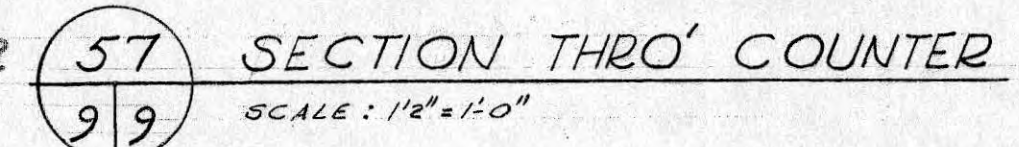
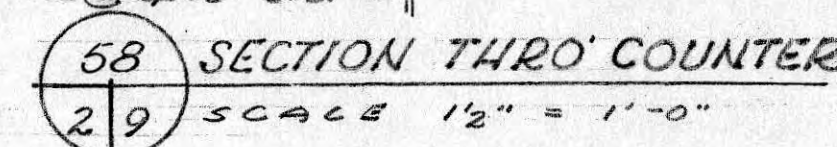
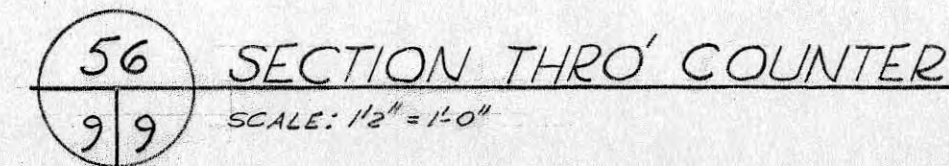
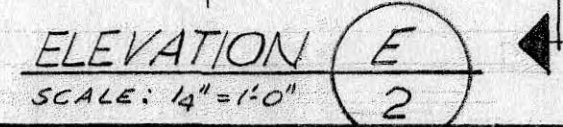
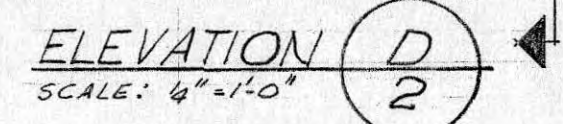
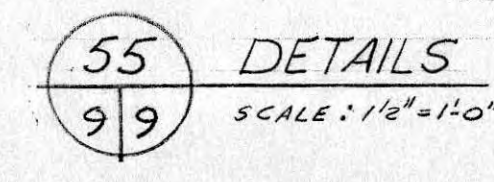
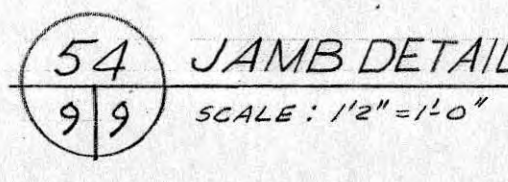
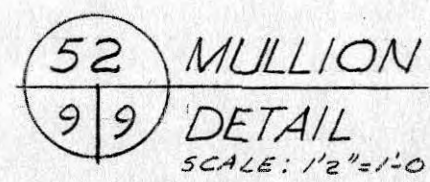
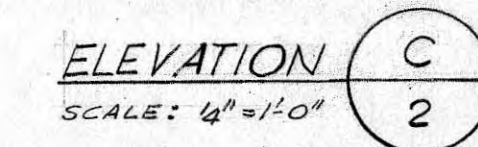
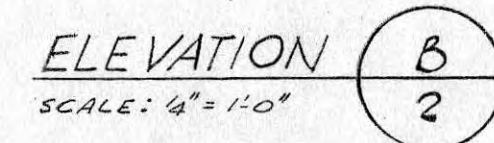
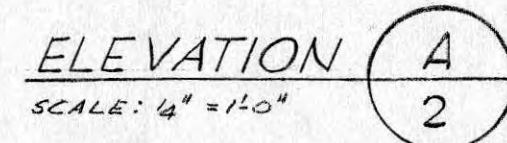
| DATE        | ISSUED FOR                 | REVISION  |
|-------------|----------------------------|-----------|
| OCT. 16/59  | REVISIONS WITH BULLETIN #3 | JL #6     |
| OCT. 5/59   | REVISIONS WITH BULLETIN #1 | JL #5     |
| SEPT. 21/59 | CONSTRUCTION               | KGM #3    |
| SEPT. 14/59 | BUILDING PERMIT            | V.S.R. #1 |
| SEPT. 15/59 | SUBTRADE TENDERS           |           |
| DATE        | ISSUED FOR                 | REVISION  |

|                                               |                 |                            |                  |
|-----------------------------------------------|-----------------|----------------------------|------------------|
| CLIENT<br>CHRYSLER CORPORATION OF CANADA      |                 |                            |                  |
| JOB TITLE<br>SALES & SERVICE CENTRES          |                 |                            |                  |
| SHEET TITLE<br>EXTERIOR DOOR DETAILS          |                 |                            |                  |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                 |                            |                  |
| TORONTO, ONT.                                 |                 | WINDSOR, ONT.              |                  |
| DRAWN<br>V.F.                                 | DATE<br>8/29/59 | PROJECT CHIEF<br>A. PERRIN | JOB<br>C-59-27-B |
| CHECKED                                       |                 | IN CHARGE<br>R. ROGERS     |                  |
| DESIGNED                                      |                 | DATE                       | SHEET<br>7       |
| APPROVED                                      |                 | JOB CAPTAIN<br>J. LENARD   |                  |



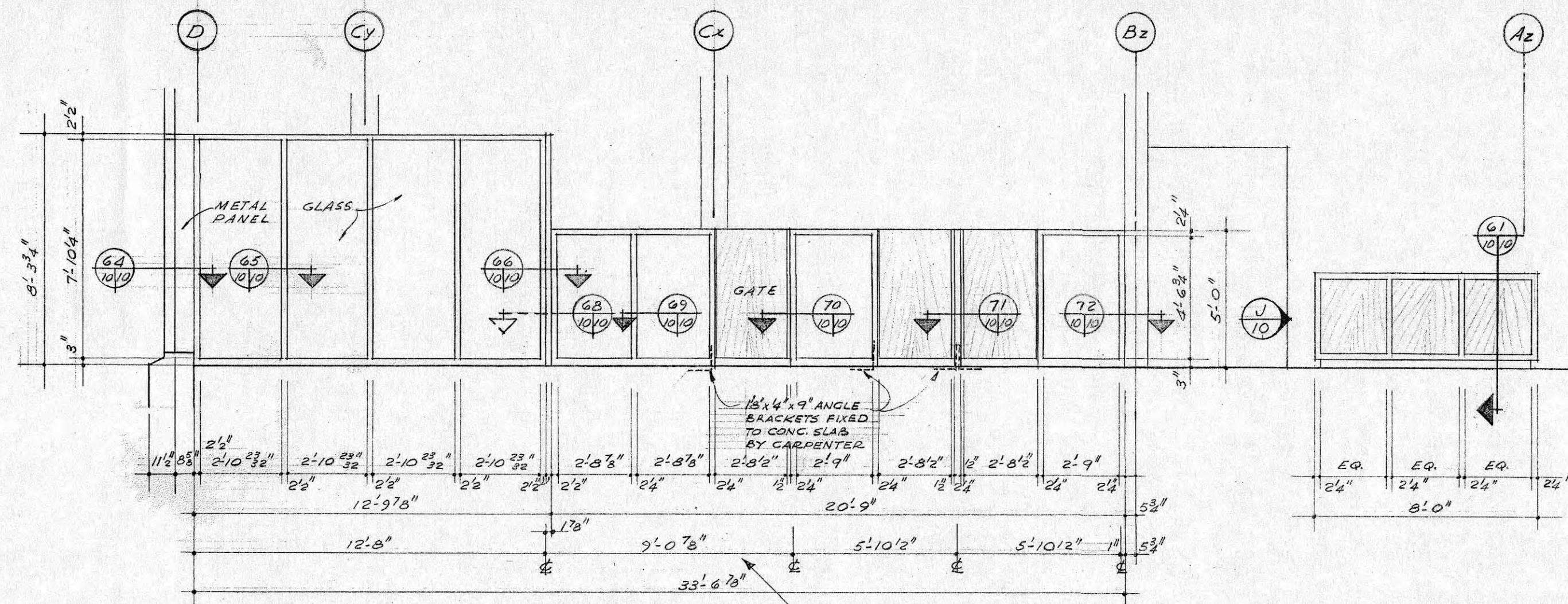
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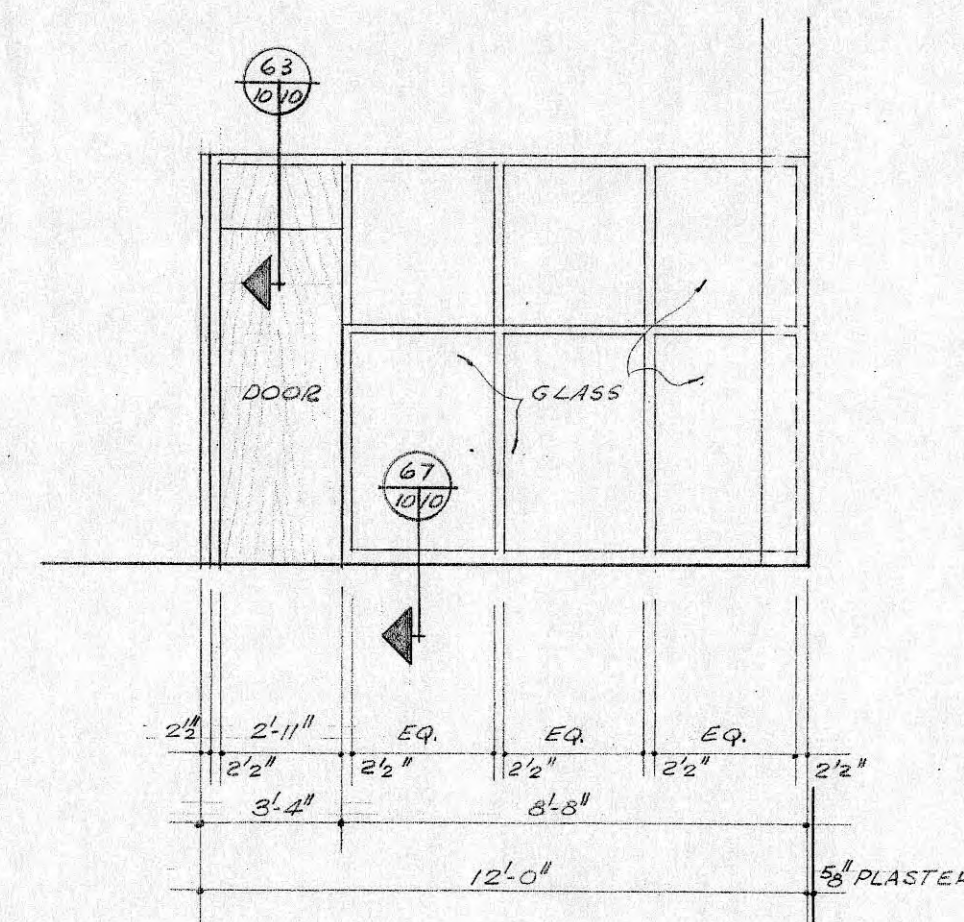


Q-D-7 FILE# 64

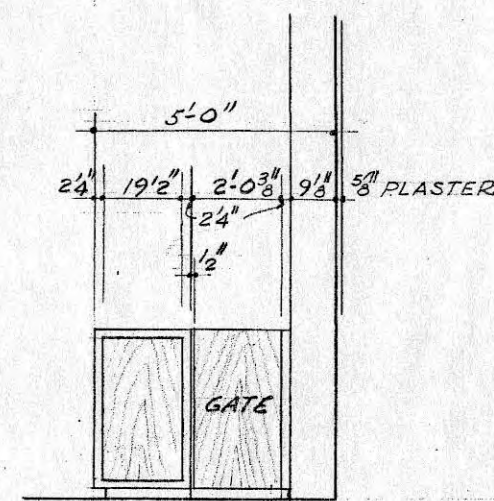




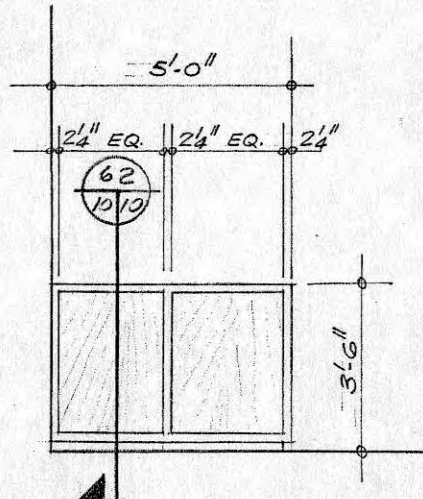
ELEVATION  $\frac{F}{2}$   
SCALE:  $\frac{1}{4}'' = 1'-0''$



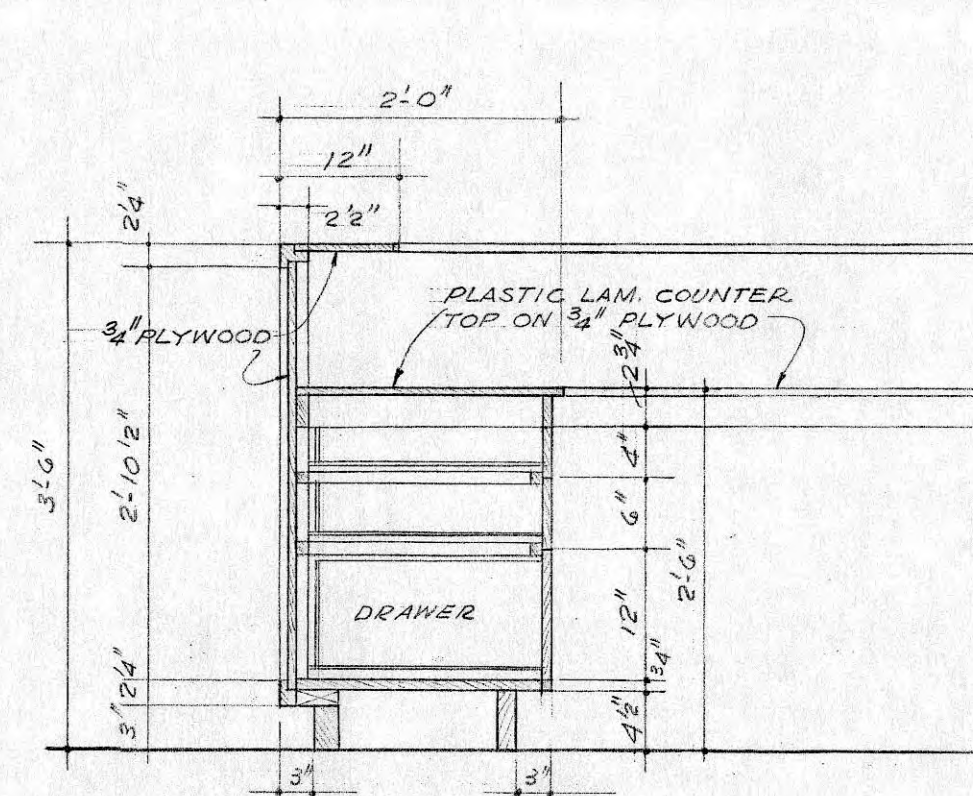
ELEVATION  $\frac{G}{2}$   
SCALE:  $\frac{1}{4}'' = 1'-0''$



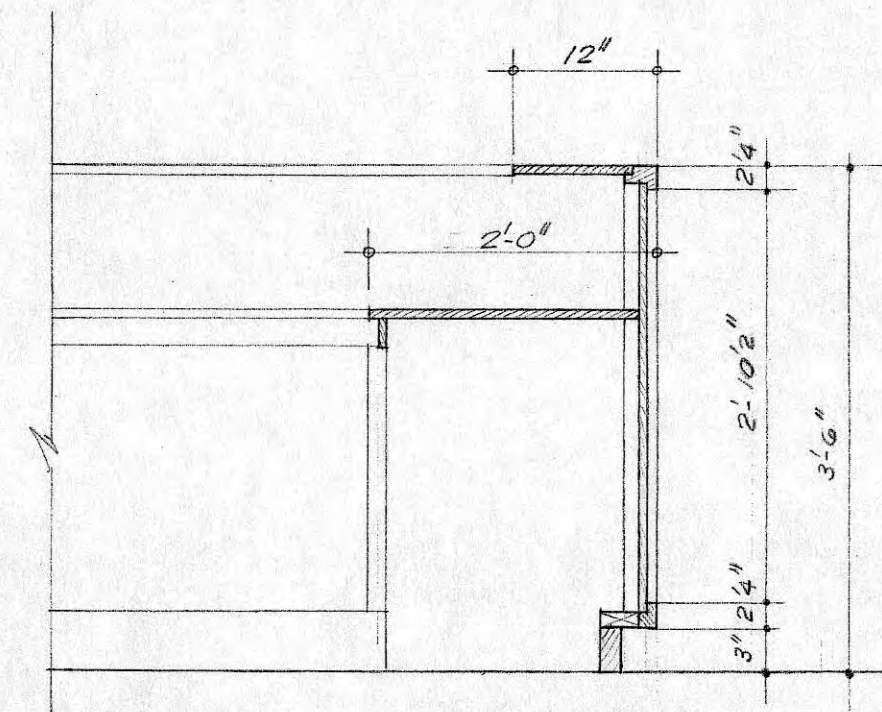
ELEVATION  $\frac{H}{2}$   
SCALE:  $\frac{1}{4}'' = 1'-0''$



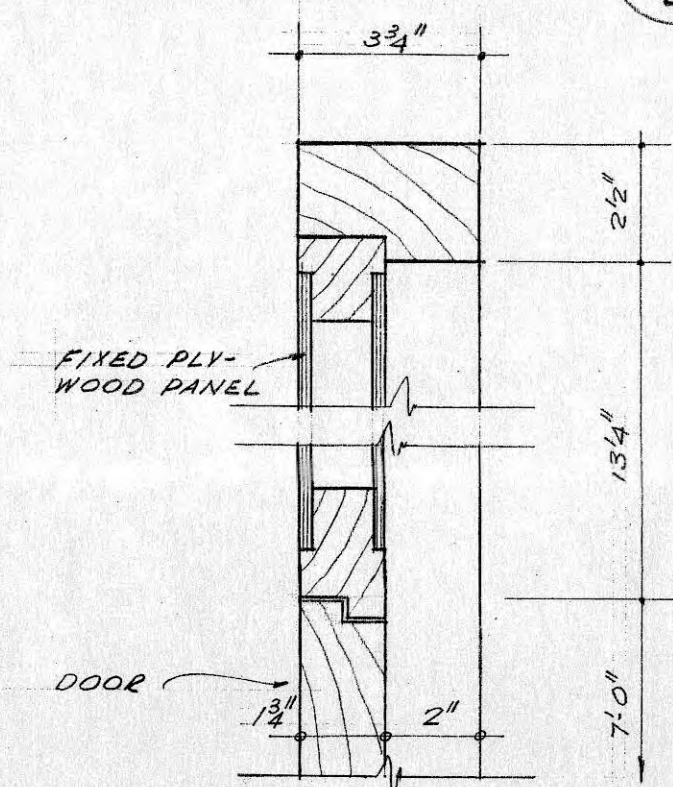
ELEVATION  $\frac{J}{10}$   
SCALE:  $\frac{1}{4}'' = 1'-0''$



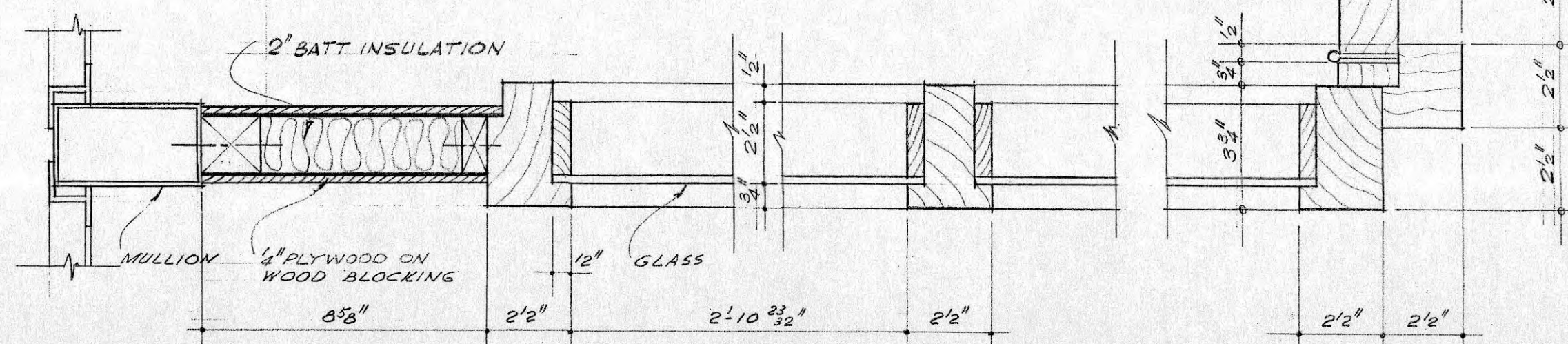
61 SECTION  
SCALE:  $\frac{3}{4}'' = 1'-0''$



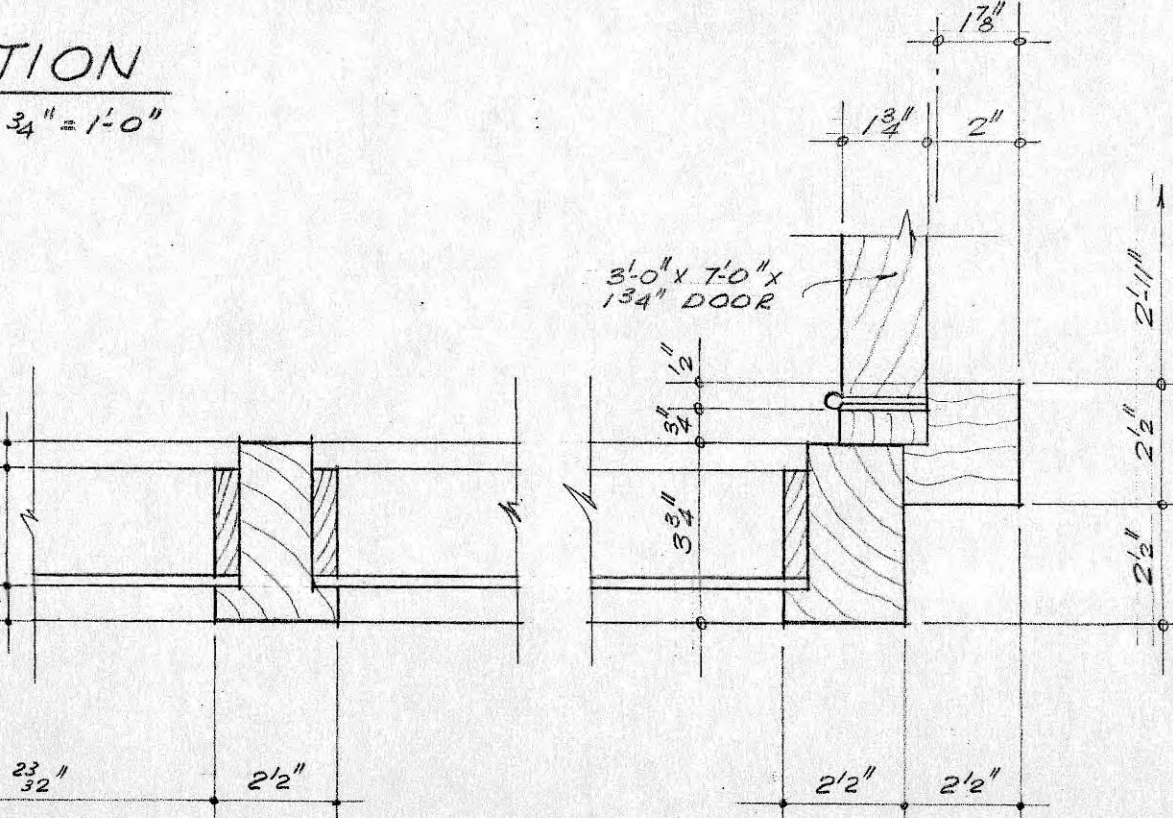
62 SECTION  
SCALE:  $\frac{3}{4}'' = 1'-0''$



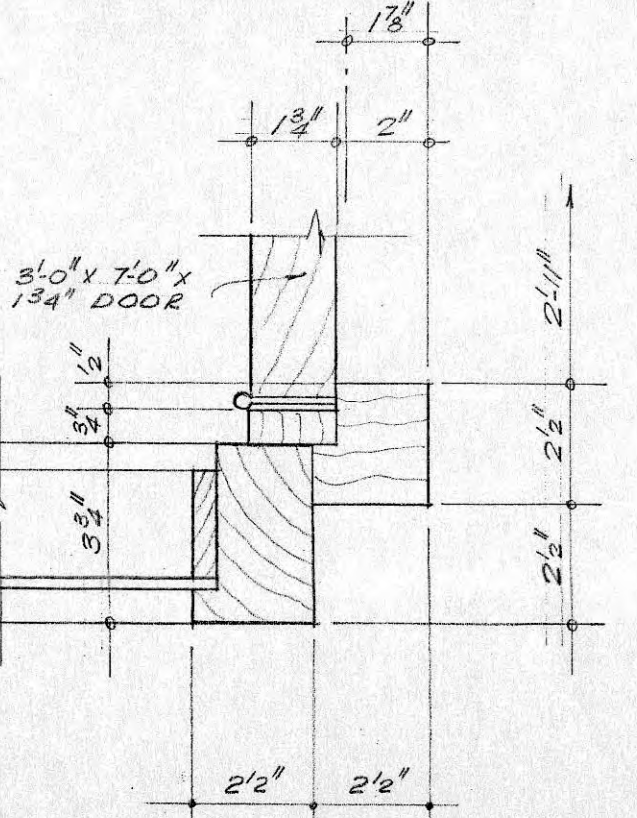
63 DOOR HEAD DETAIL  
SCALE:  $\frac{3}{8}'' = 1'-0''$



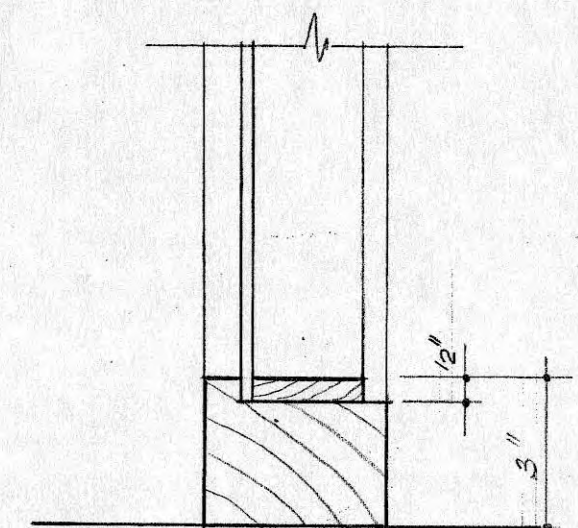
64 JAMB DETAIL  
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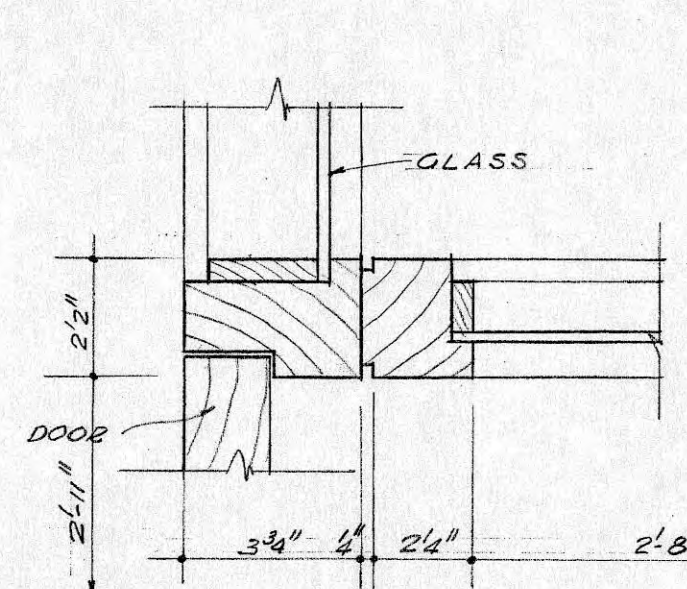
65 MULLION DETAIL  
SCALE:  $\frac{3}{8}'' = 1'-0''$



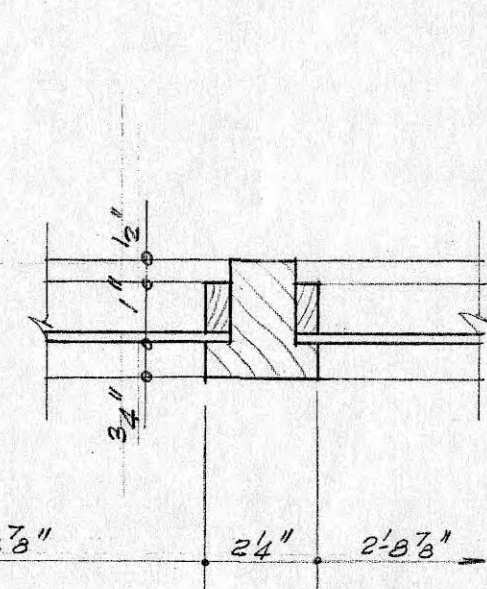
66 CORNER DETAIL  
SCALE:  $\frac{3}{8}'' = 1'-0''$



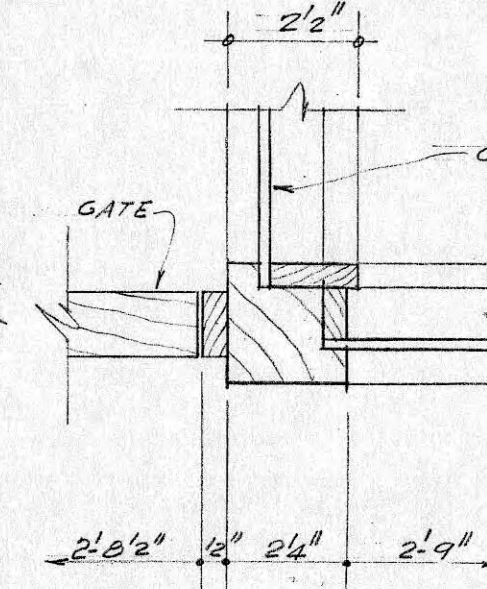
67 SILL DETAIL  
SCALE:  $\frac{3}{8}'' = 1'-0''$



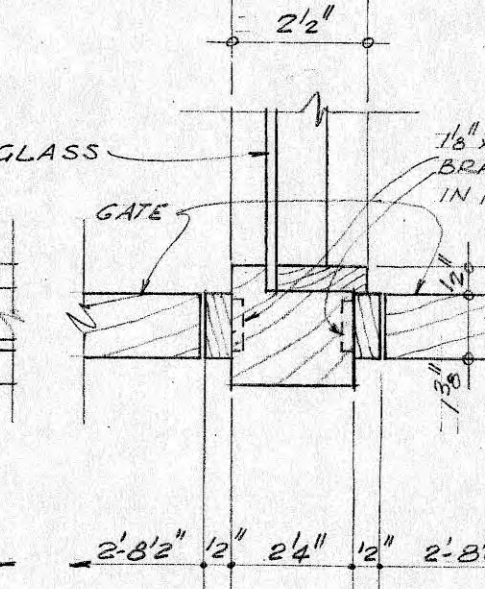
68 JAMB  
SCALE:  $\frac{3}{8}'' = 1'-0''$



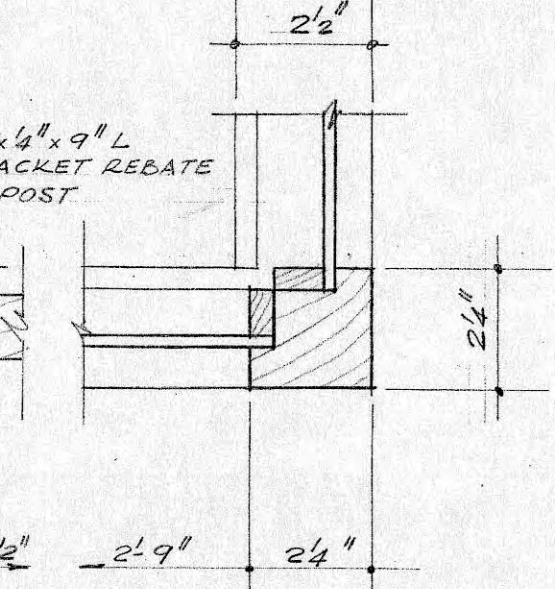
69 MULLION  
SCALE:  $\frac{3}{8}'' = 1'-0''$



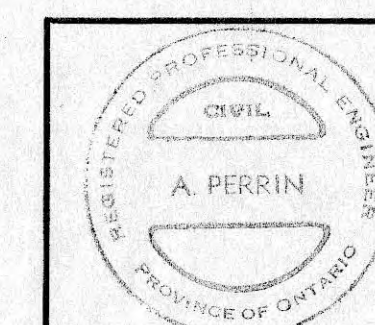
70 JAMB  
SCALE:  $\frac{3}{8}'' = 1'-0''$



71 JAMB  
SCALE:  $\frac{3}{8}'' = 1'-0''$



72 POST  
SCALE:  $\frac{3}{8}'' = 1'-0''$



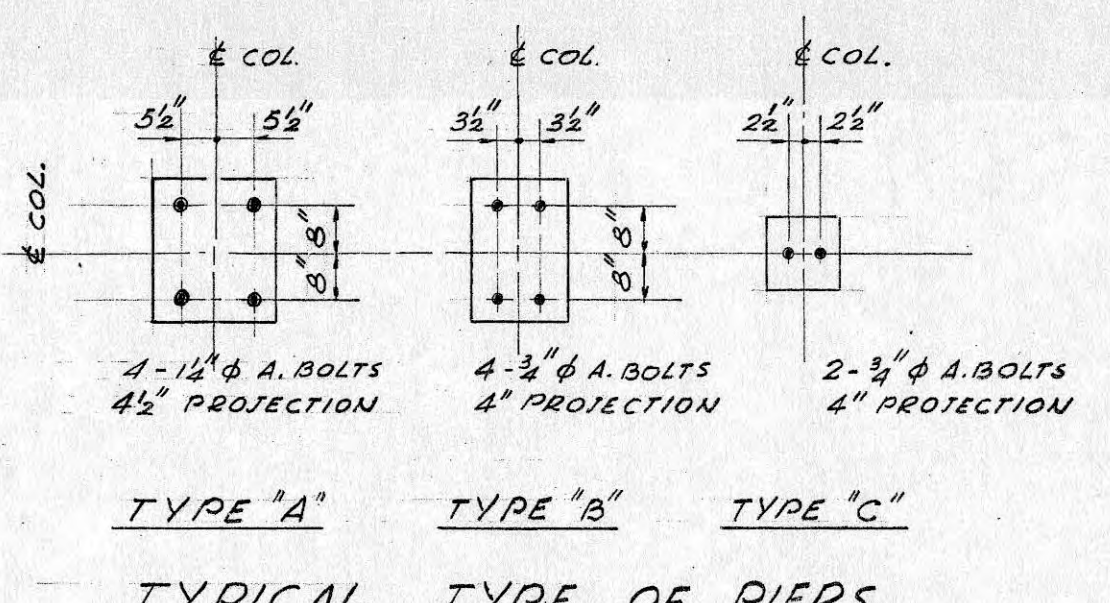
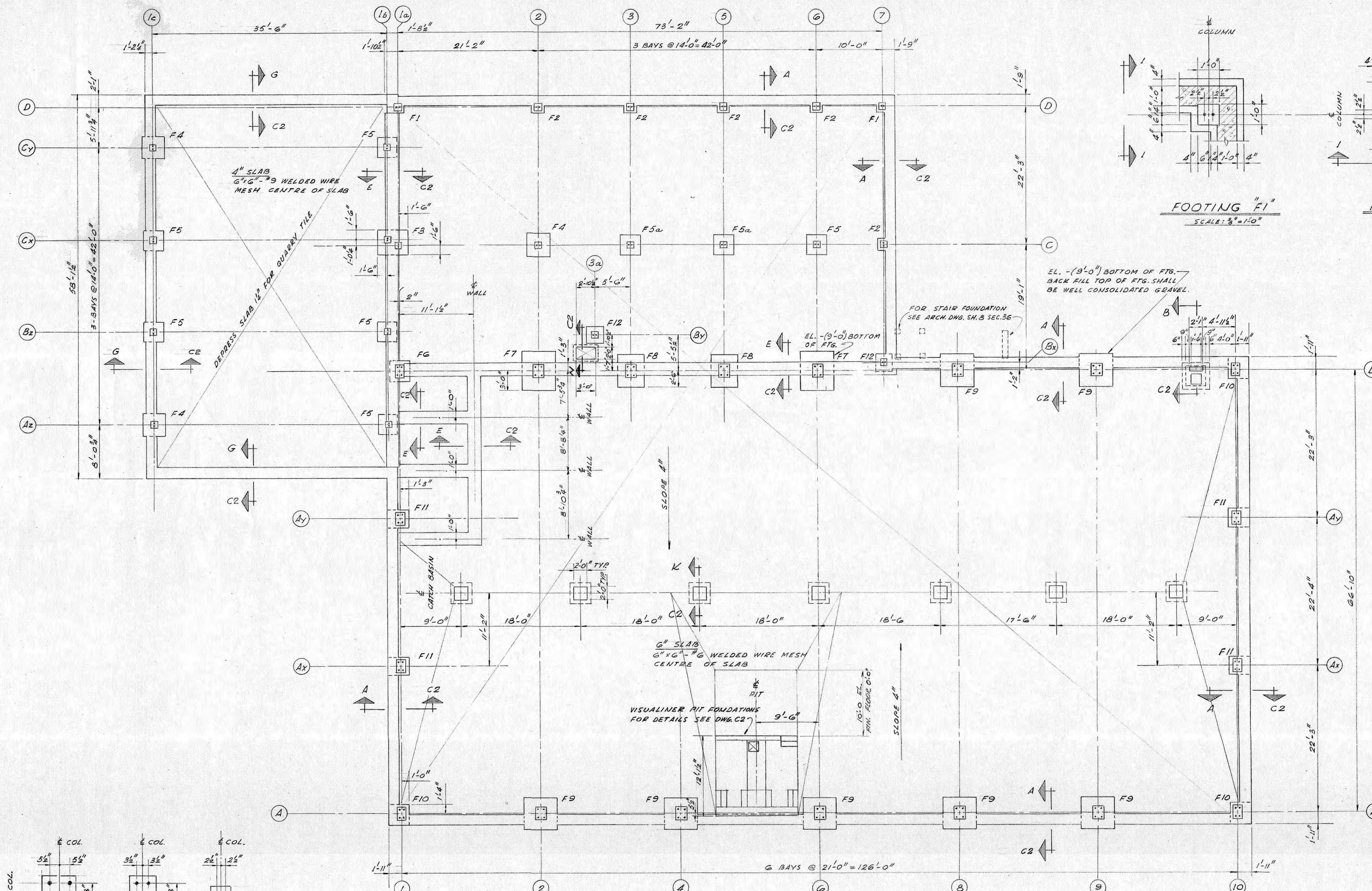
DETAIL SYMBOL

DETAIL NUMBER  
LOCATION SHEET

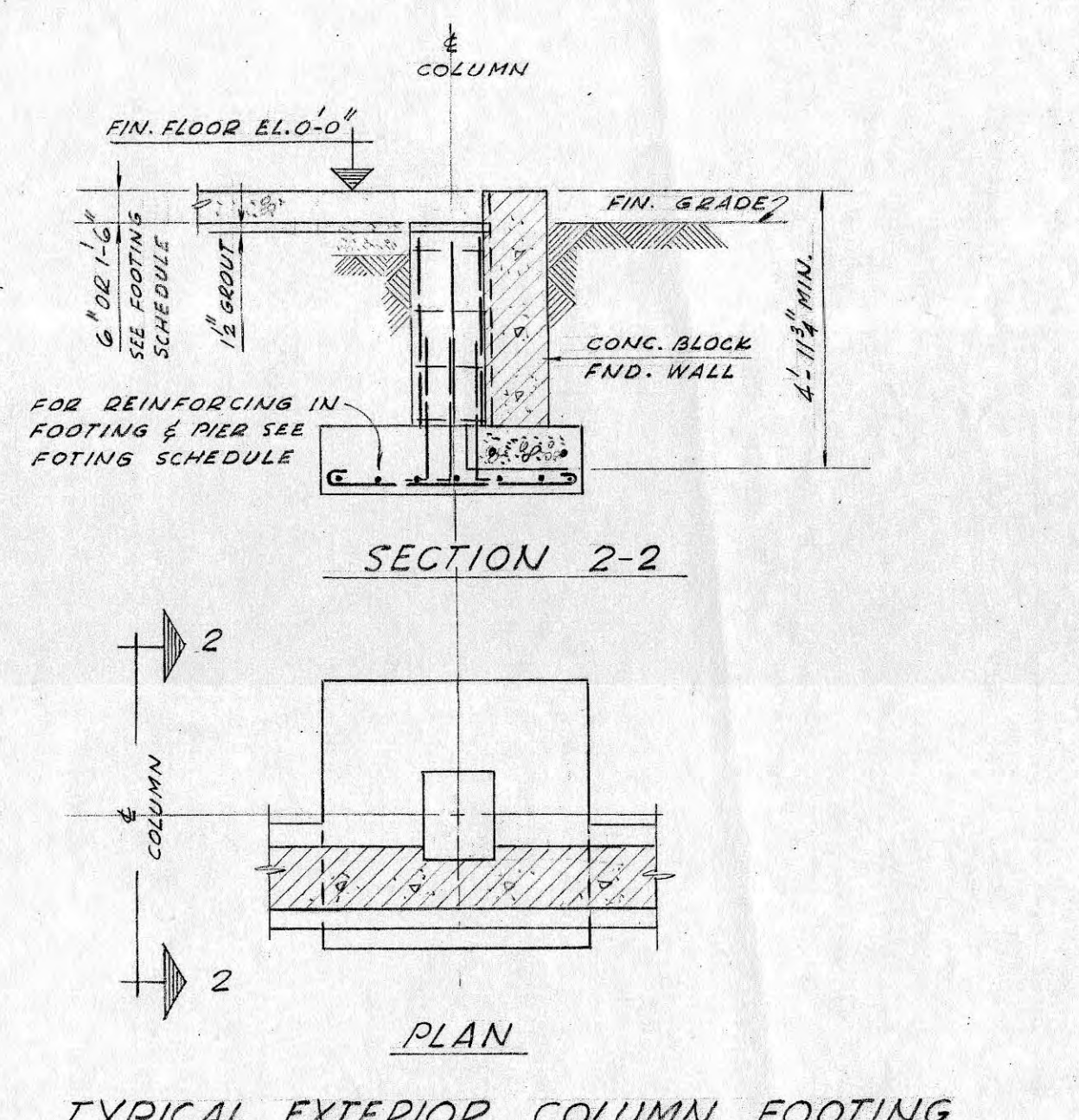
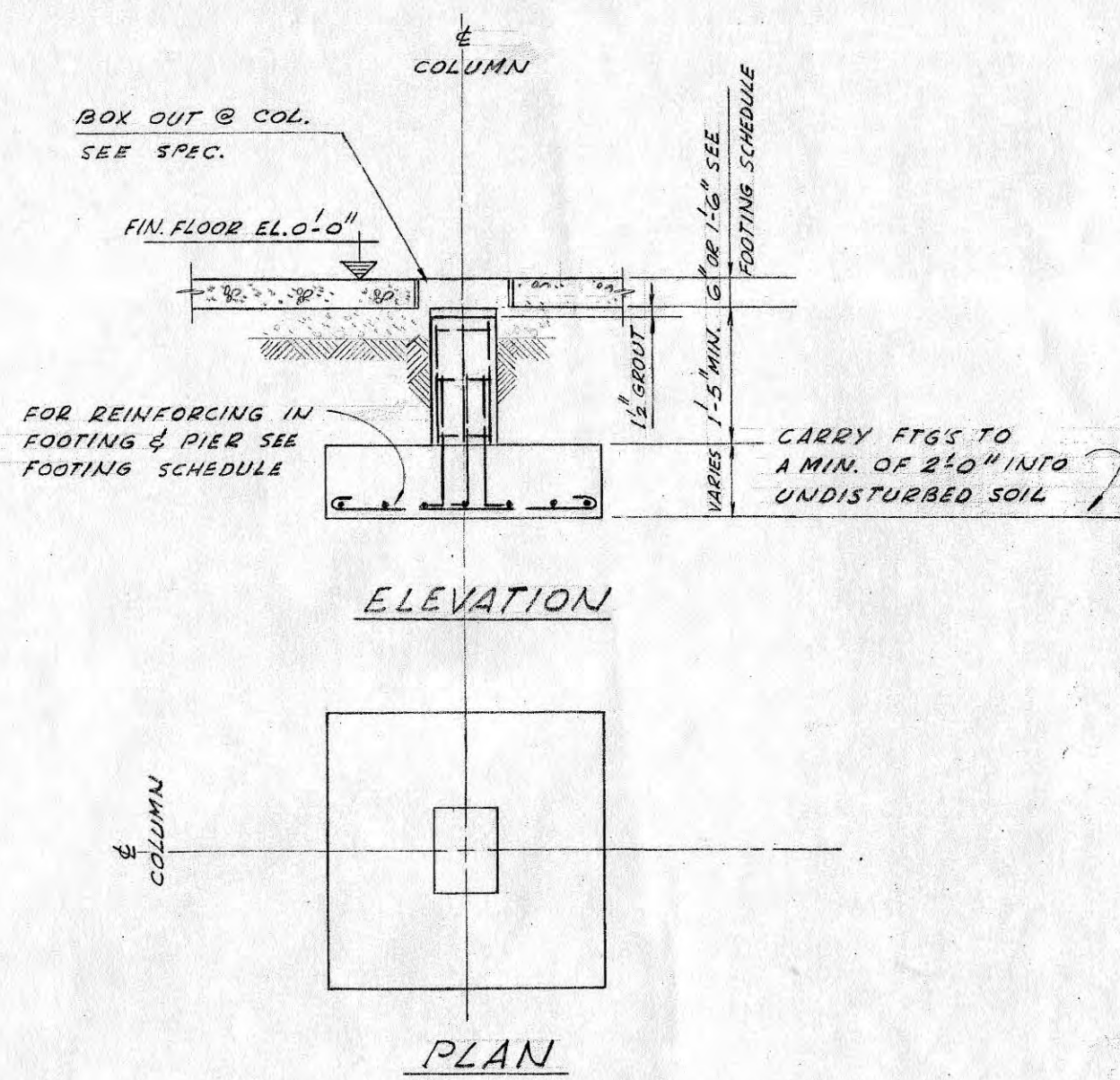
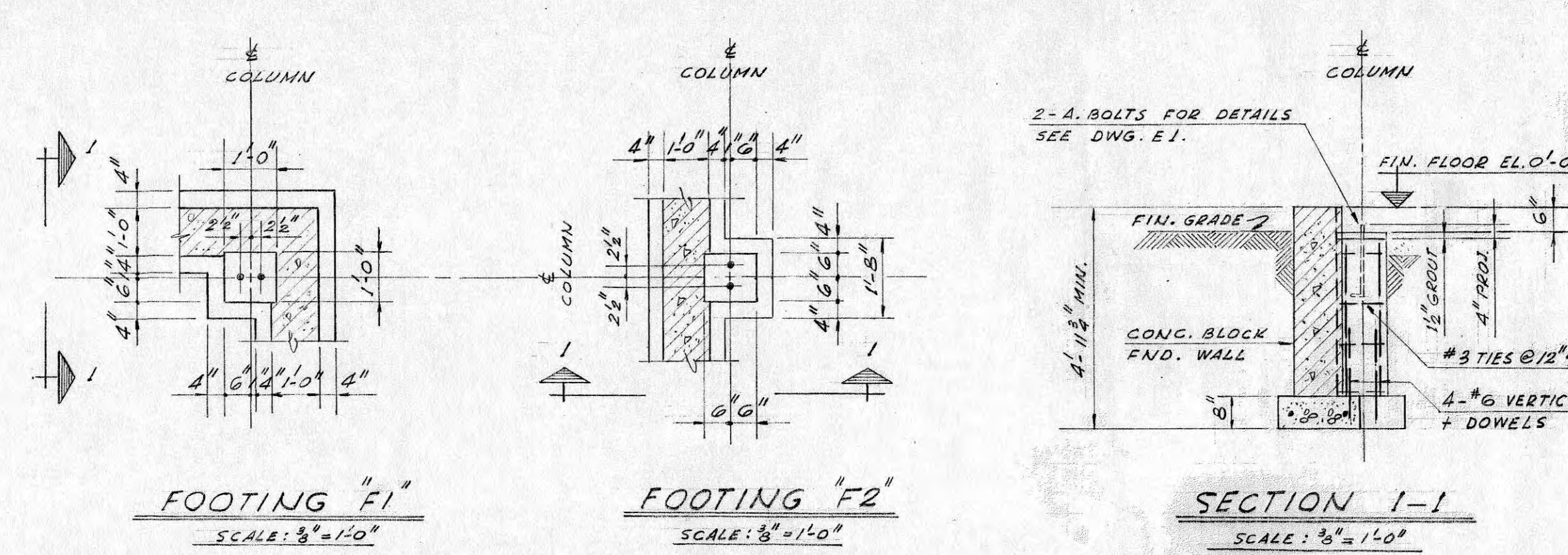
|            |                     |              |
|------------|---------------------|--------------|
| DATE       | ISSUED FOR          | REVISION     |
| JULY 11/60 | REVISION - AS BUILT | 7/11/60 S.P. |
| SEPT 2/60  | BULLETIN NO. 1      | 10/5/59 PCL  |
| DATE       | ISSUED FOR          | REVISION     |

|               |                                  |
|---------------|----------------------------------|
| CLIENT        | CHRYSLER CORPORATION OF CANADA   |
| JOB TITLE     | SALES & SERVICE CENTRES          |
| SHEET TITLE   | INTERIOR SHOWROOM DETAILS        |
| ENGINEERS     | GIFFELS & VALLET OF CANADA, LTD. |
| TORONTO, ONT. | WINDSOR, ONT.                    |
| DRAWN         | V. F.                            |
| CHECKED       | R. ROGERS                        |
| DESIGNED      | J. LENARD                        |
| APPROVED      | J. LENARD                        |
| DATE          | 10                               |





FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"



- GENERAL NOTES:
1. ALL CONCRETE TO HAVE 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I. UNLESS OTHERWISE NOTED.
  2. ALL REINFORCING STEEL, EXCEPT TIES, TO BE DEFORMED BARS AND MUST MEET C.S.A. SPECIFICATION (G-30 SERIES).
  3. ALL FOOTINGS TO BE CARRIED TO THE DEPTH SHOWN OR OTHERWISE DESIGNATED BY THE OWNER'S REPRESENTATIVE OR ENGINEER.
  4. SOIL PRESSURE 5000 P.S.F.
  5. MINIMUM PROTECTION FOR REINFORCING BARS: 3" FOR ANY CONCRETE PLACED IN CONTACT WITH EARTH, 2" FOR CONCRETE PLACED IN FORMS AND EXPOSED DIRECTLY TO WEATHER FOR BARS MORE THAN 3/8" AND 1 1/2" FOR BARS 3/8" AND LESS. INTERIOR MEMBERS: - SLABS AND WALLS - 3/4"; BEAMS GIRDERS AND COLUMNS; 1 1/2".
  6. BEND ALL HORIZONTAL BARS 24 DIA. AROUND CORNERS AND LAP ALL SPLICE BARS 24 BAR DIA.
  7. PROVIDE 12" GROUT ON ALL CONCRETE PIERS AT THE EXACT ELEVATIONS CALLED FOR ON COLUMN SCHEDULE.

| FOOTING SCHEDULE                     |                   |               |               |                                 |               |               |               |               |                |               |
|--------------------------------------|-------------------|---------------|---------------|---------------------------------|---------------|---------------|---------------|---------------|----------------|---------------|
| FOOTING MARK                         | F1 & F2           | F3            | F4            | F5 & F5a                        | F6            | F7            | F8            | F9            | F10            | F11           |
| SIZE OF PIER                         | 2'-10" x 1'-0"    | 1'-0" x 1'-0" | 1'-0" x 1'-0" | 2'-0" x 1'-4"                   | 2'-0" x 1'-8" | 2'-0" x 1'-8" | 2'-0" x 1'-8" | 2'-0" x 1'-8" | 2'-0" x 1'-4"  | 2'-0" x 1'-4" |
| TYPE OF PIER                         | C                 | C             | C             | B                               | A             | A             | A             | A             | B              | B             |
| SIZE OF BASE                         | 4'-8 1/2" x 4'-0" | 3'-6" x 3'-6" | 3'-0" x 3'-0" | 3'-0" x 3'-0"                   | 6'-0" x 5'-0" | 5'-0" x 4'-0" | 5'-0" x 5'-0" | 5'-0" x 5'-0" | 5'-3" x 2'-11" | 3'-2" x 2'-8" |
| THICKNESS                            | 1'-0"             | 1'-0"         | 1'-0"         | 1'-0"                           | 1'-0"         | 1'-0"         | 1'-4"         | 1'-6"         | 1'-0"          | 1'-0"         |
| REINFORCING LONGITUDINAL             | 9-#6 B.W.         | 7-#6 B.W.     | 6-#6 B.W.     | 6-#6 B.W.                       | 10-#6         | 7-#6          | 8-#6          | 9-#6 B.W.     | 4-#5 B.W.      | 4-#5 B.W.     |
| STEEL IN BASE TRANSVERSE             | SEE DETAILS       | SEE DETAILS   | SEE DETAILS   | SEE DETAILS                     | SEE DETAILS   | SEE DETAILS   | SEE DETAILS   | SEE DETAILS   | SEE DETAILS    | SEE DETAILS   |
| DOWELS IN BASE                       | 4-#6 REAPERS      | 4-#6          | 4-#6          | 6-#6                            | 6-#6          | 6-#6          | 6-#6          | 6-#6          | 6-#6           | 4-#6          |
| AND/OR                               | 1-#3 @ 12"        | 1-#3 @ 12"    | 1-#3 @ 12"    | 1-#3 @ 12"                      | 1-#3 @ 12"    | 1-#3 @ 12"    | 1-#3 @ 12"    | 1-#3 @ 12"    | 1-#3 @ 12"     | 1-#3 @ 12"    |
| VERTICAL REINFORCING IN PIER         | SEE DETAILS       | SEE DETAILS   | SEE DETAILS   | SEE DETAILS                     | SEE DETAILS   | SEE DETAILS   | SEE DETAILS   | SEE DETAILS   | SEE DETAILS    | SEE DETAILS   |
| ELEVATION TOP OF PIER (TOP OF GROUT) | -(0'-6")          | -(0'-6")      | -(0'-6")      | F5 = -(0'-6")<br>F5a = -(1'-6") | -(0'-6")      | -(0'-6")      | -(0'-6")      | -(0'-6")      | -(0'-6")       | -(0'-6")      |

|      |            |      |    |          |          |
|------|------------|------|----|----------|----------|
| DATE | ISSUED FOR | DATE | BY | BULLETIN | REVISION |
|      |            |      |    |          |          |

|               |                                |
|---------------|--------------------------------|
| CLIENT        | CHRYSLER CORPORATION OF CANADA |
| JOB TITLE     | SALES & SERVICE CENTRES        |
| SHEET TITLE   | FOUNDATION PLAN & DETAILS      |
| TORONTO, ONT. | WINDSOR, ONT.                  |
| PROJECT CHIEF | A. PERRIN                      |
| IN CHARGE     | G. JUUSE                       |
| DATE          |                                |
| JOB CAPTAIN   |                                |

11.11.59 REVISION WITH BULL. #4 P.M. #1

10.5.59 REVISION WITH BULL. #1 P.M. #1

9.21.59 CONSTRUCTION

9.16.59 BUILDING PERMIT

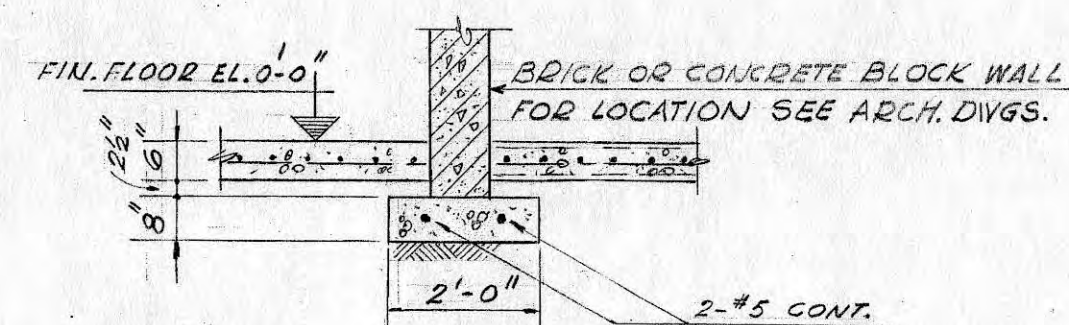
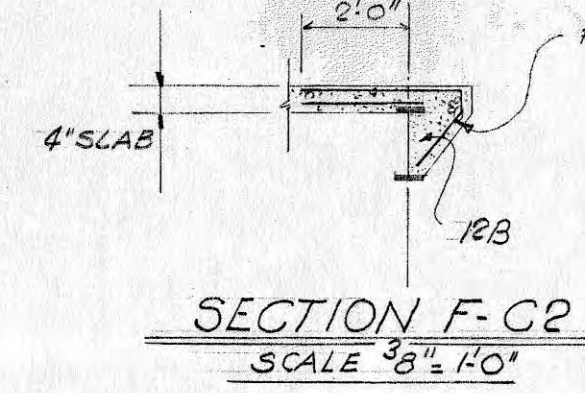
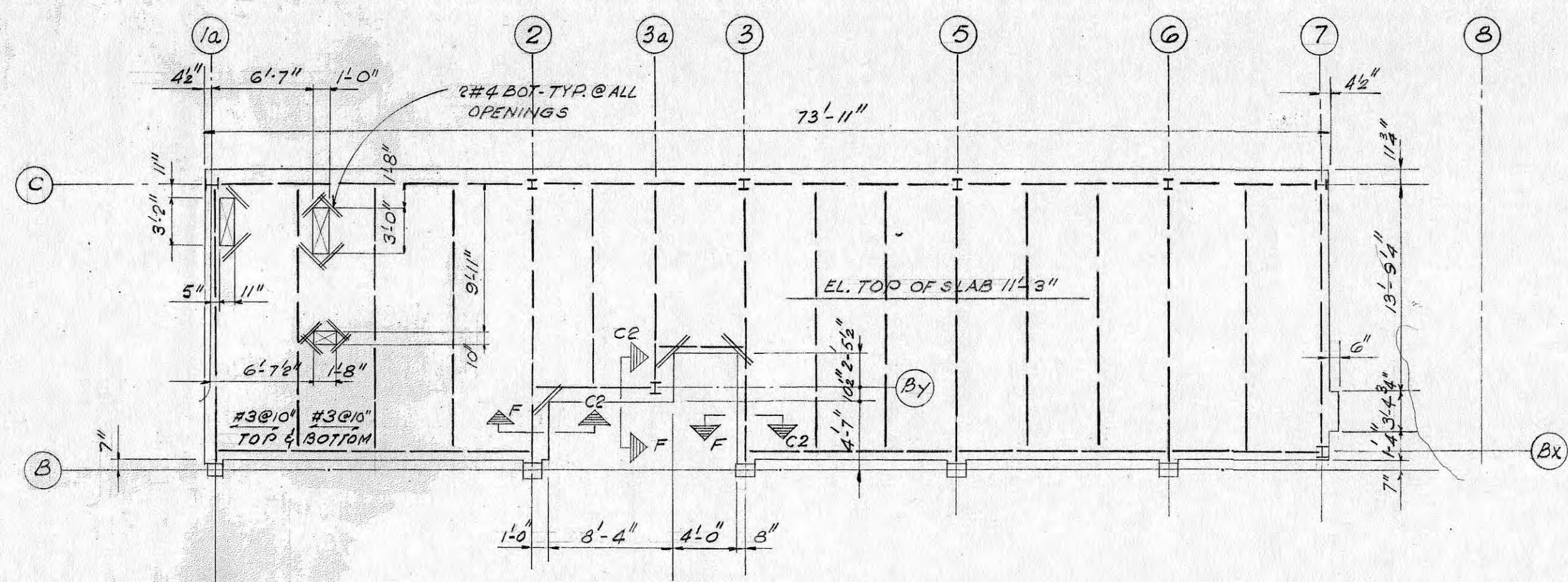
9.15.59 SUB-TRADE TENDERS

SHEET C1

FILE #64

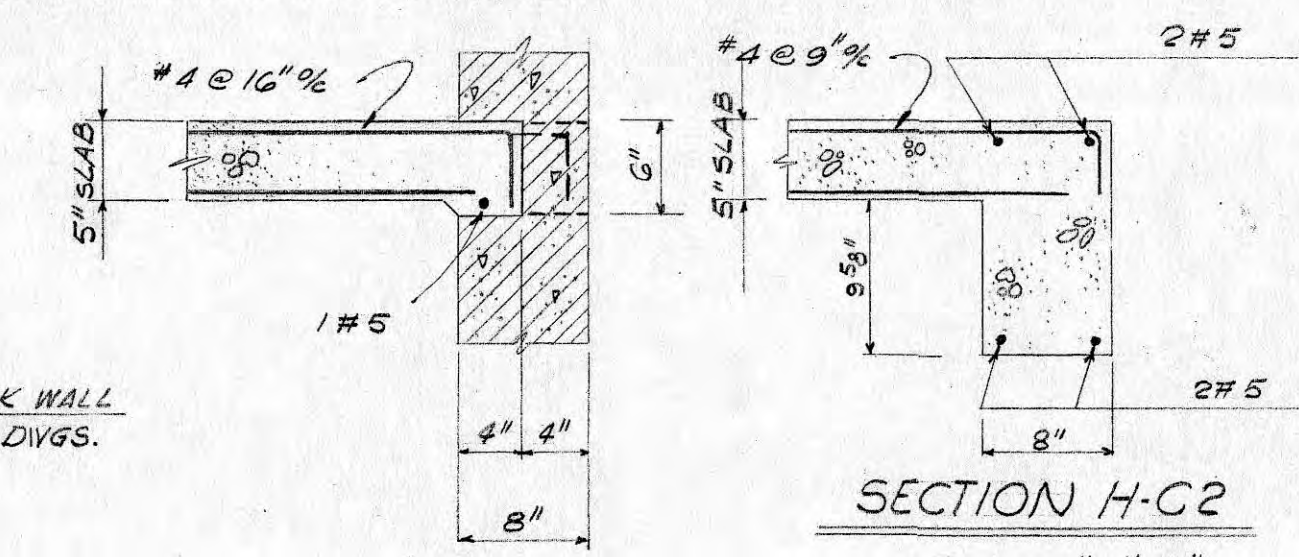
9-D-7



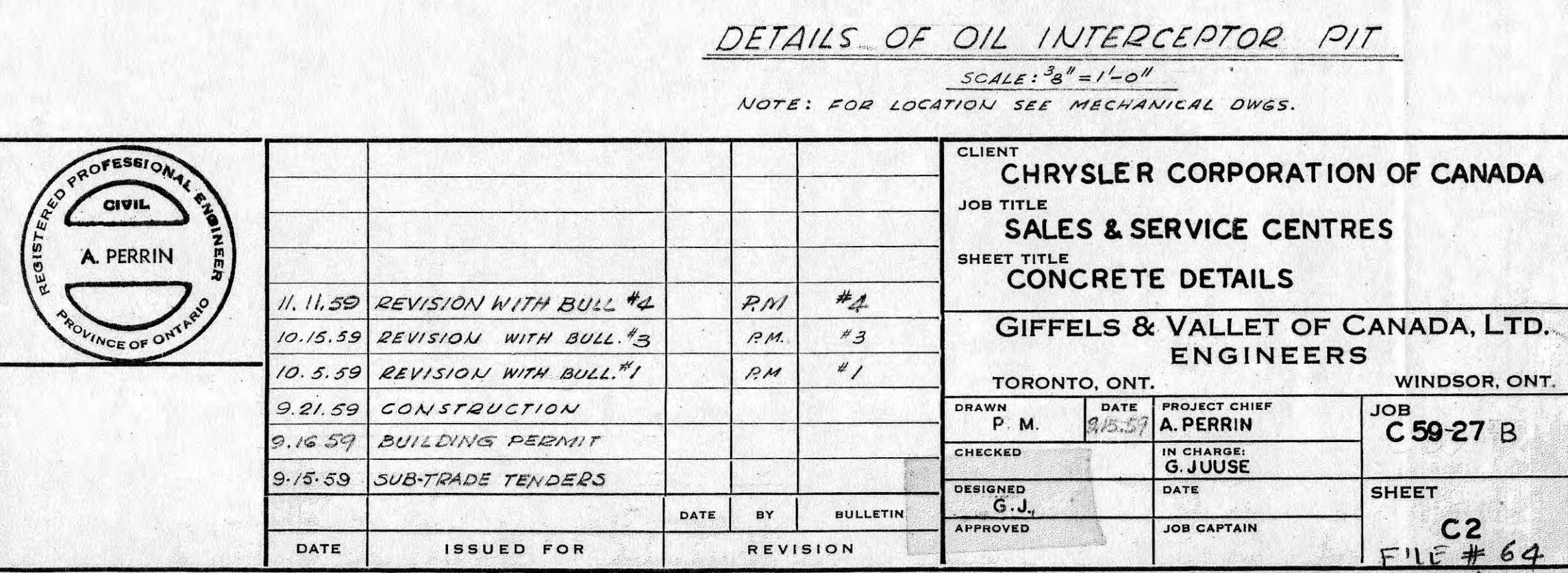
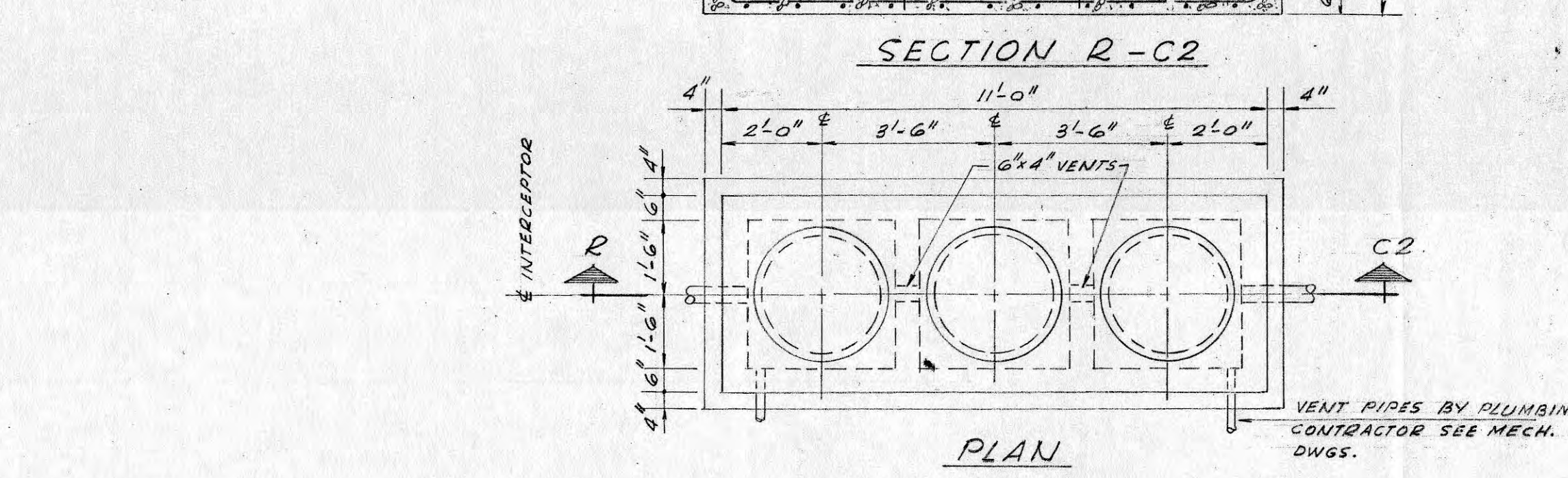
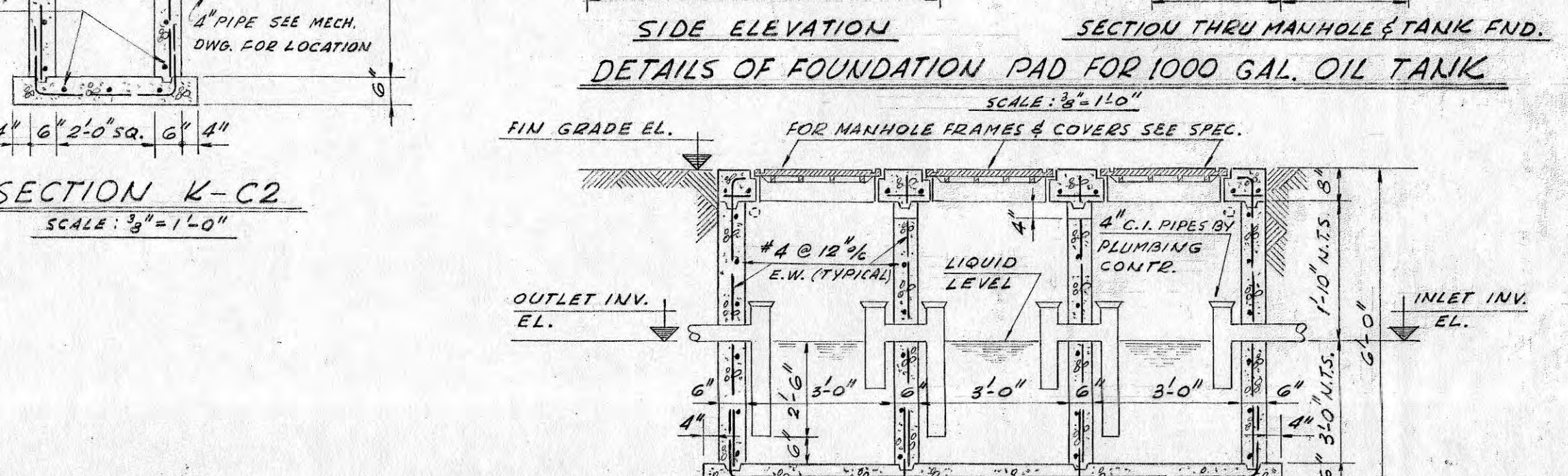
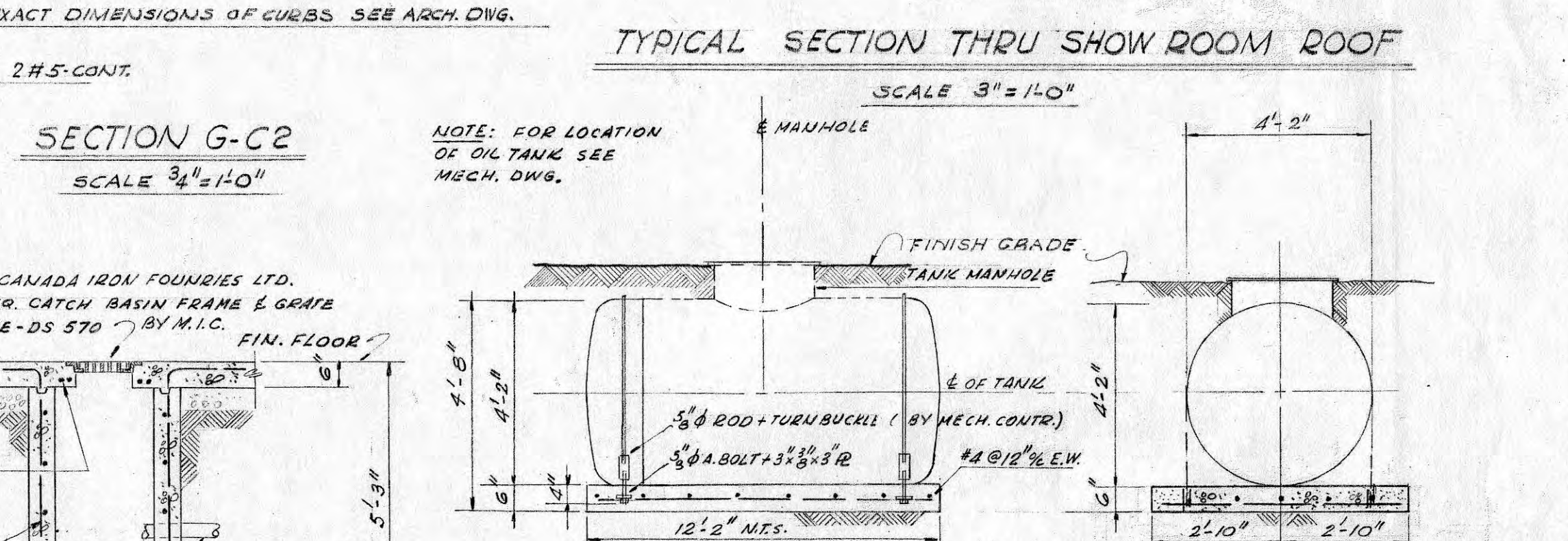
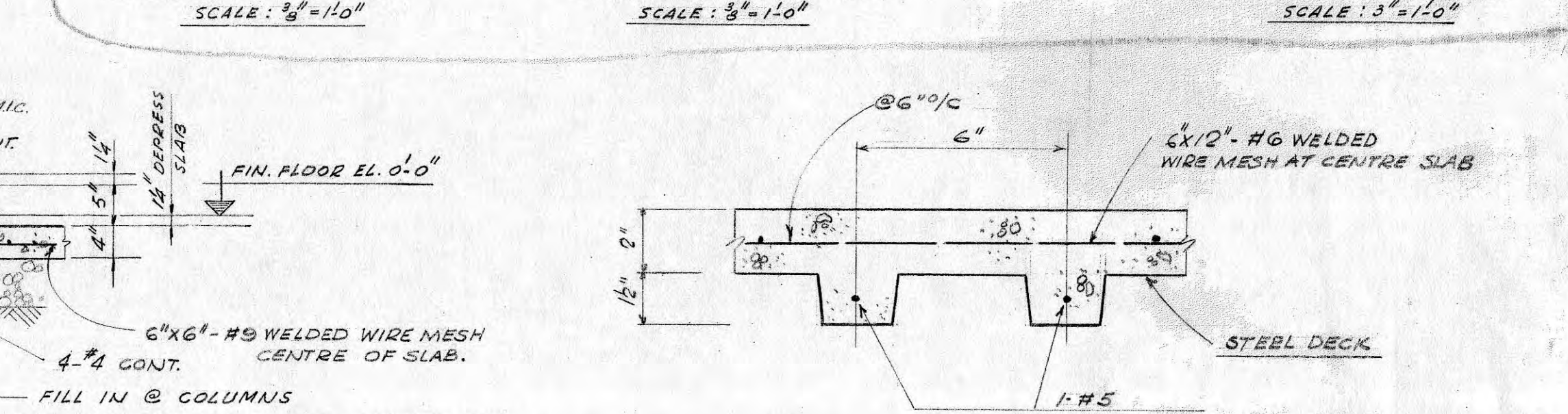
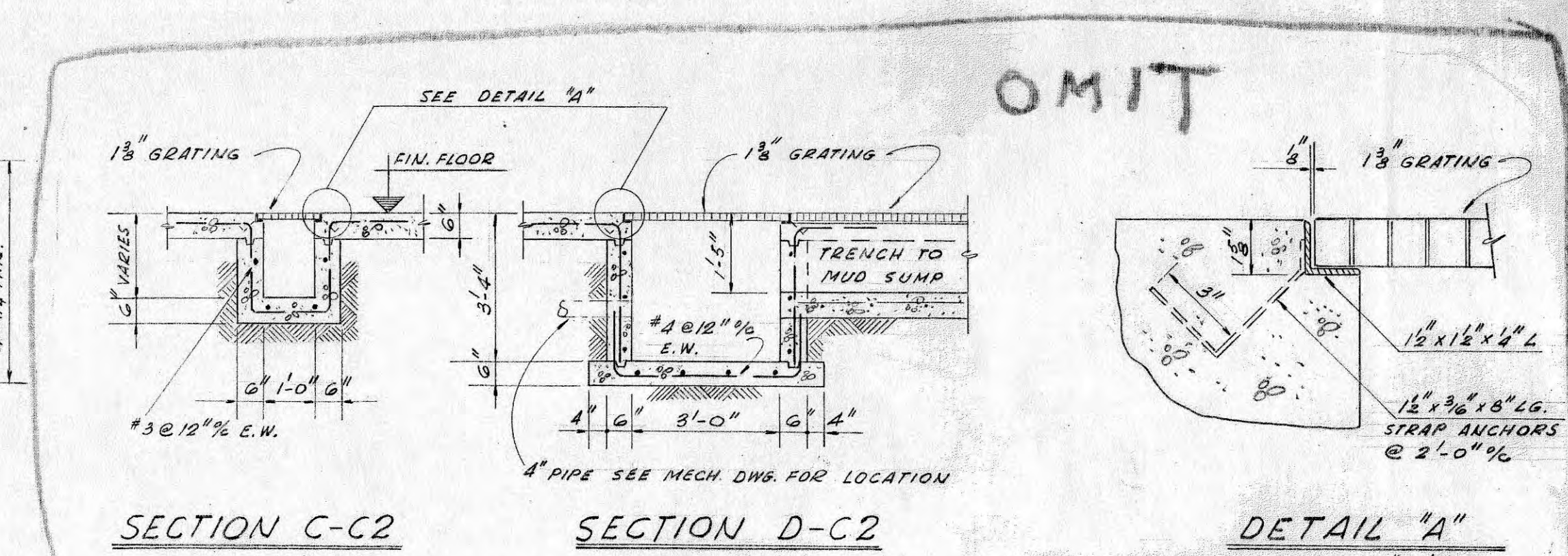
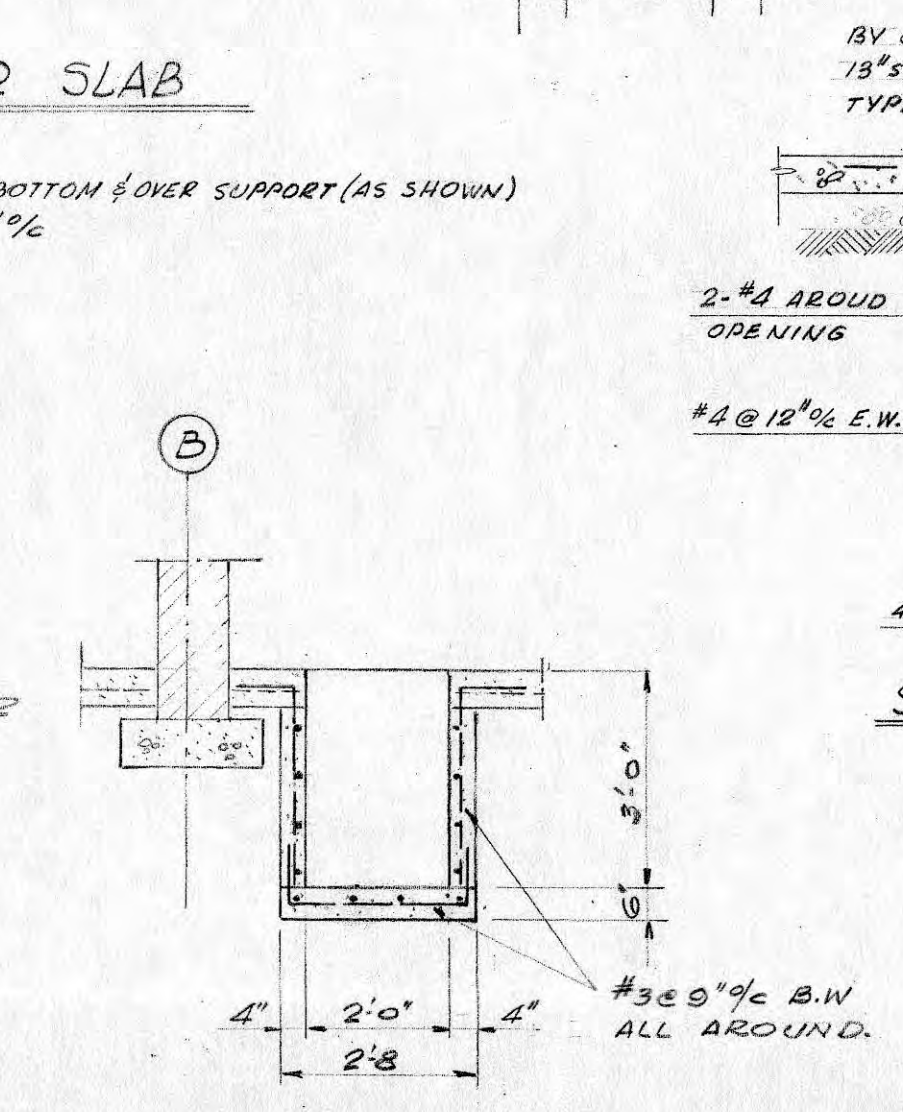
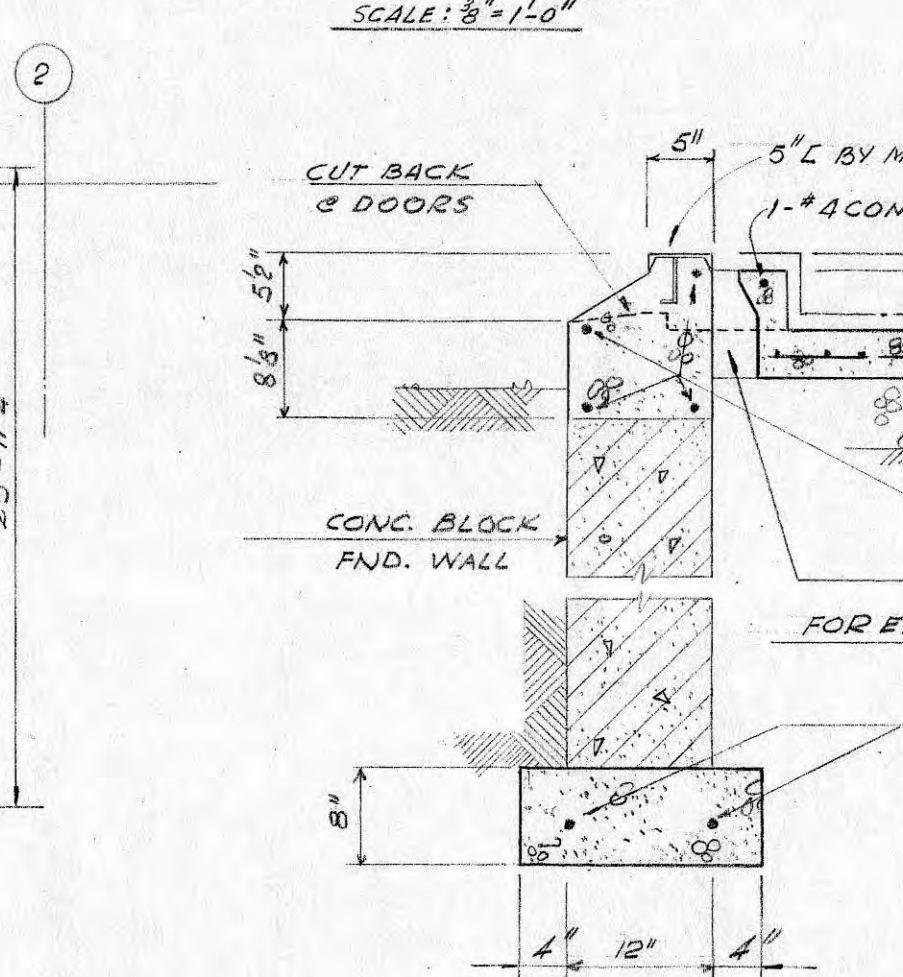
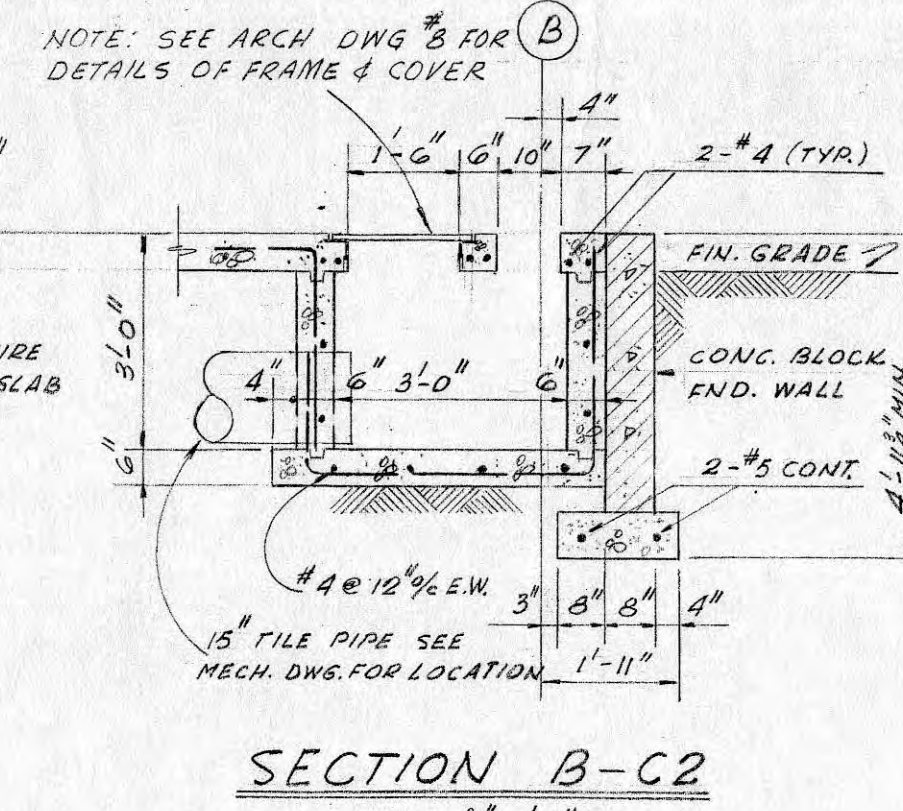
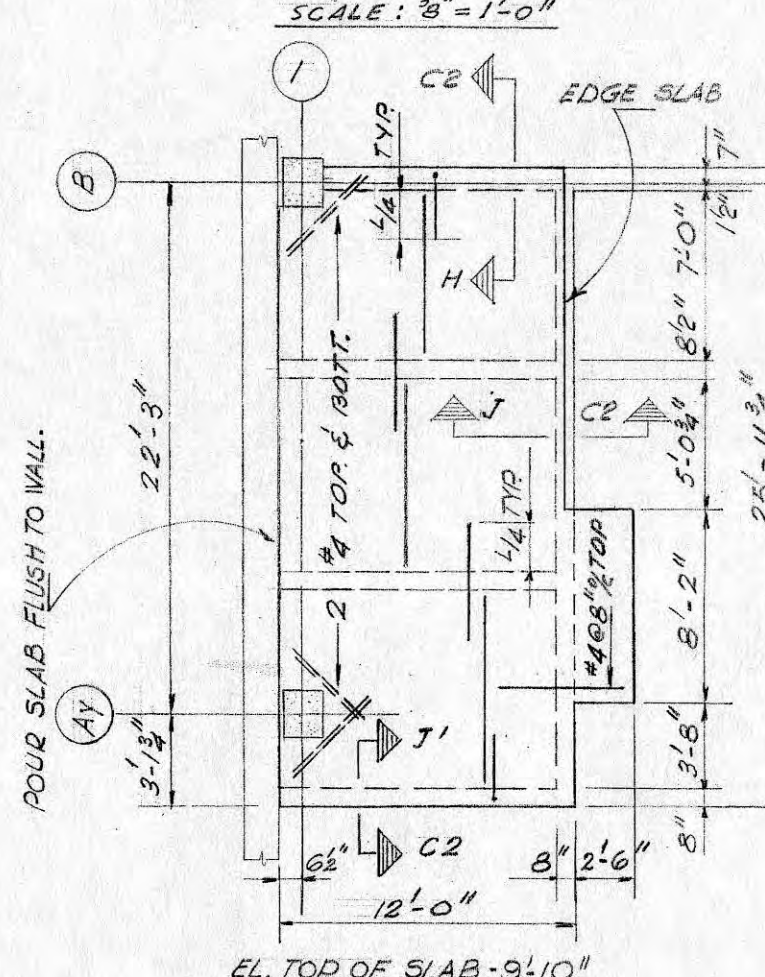
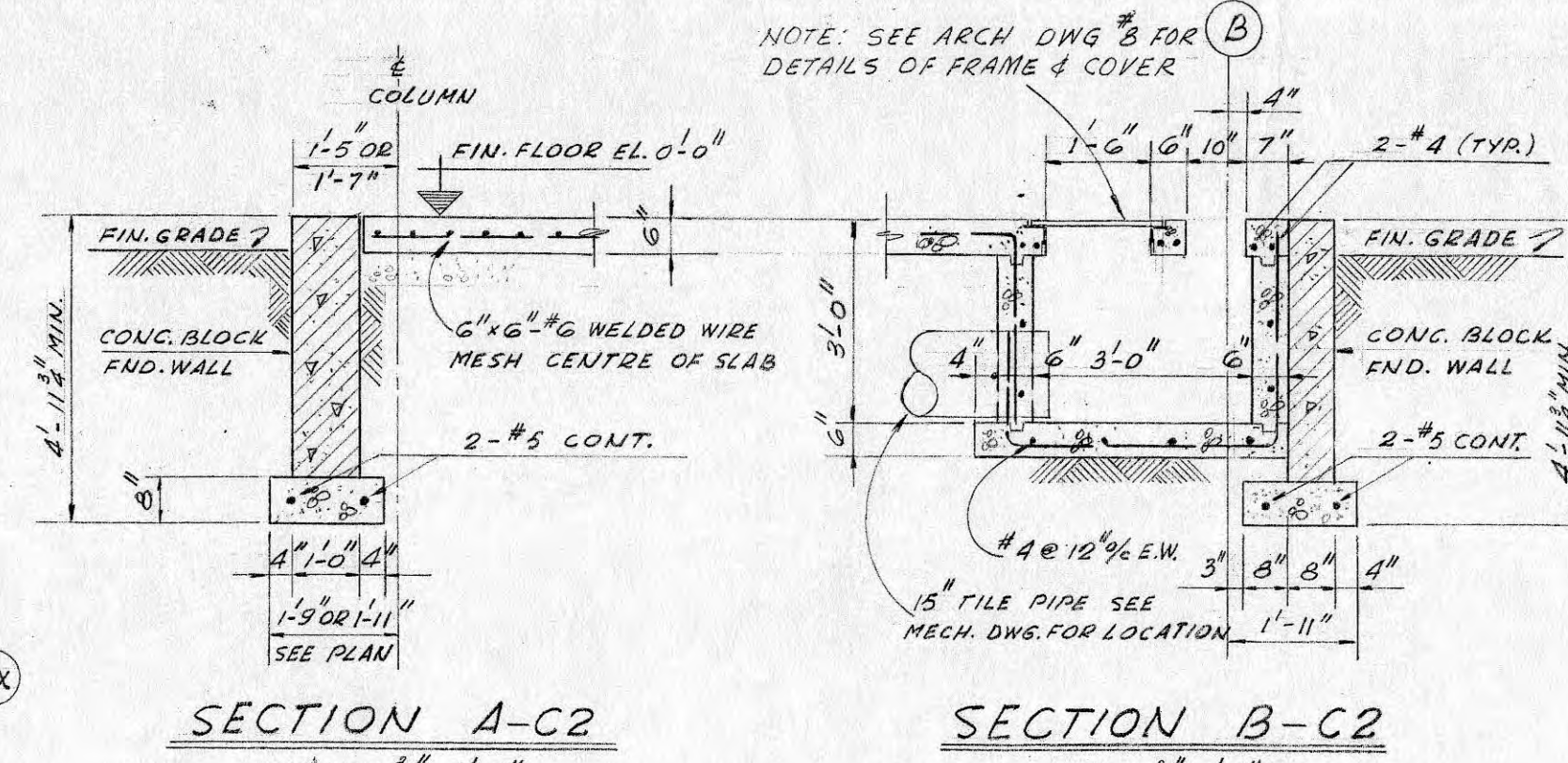
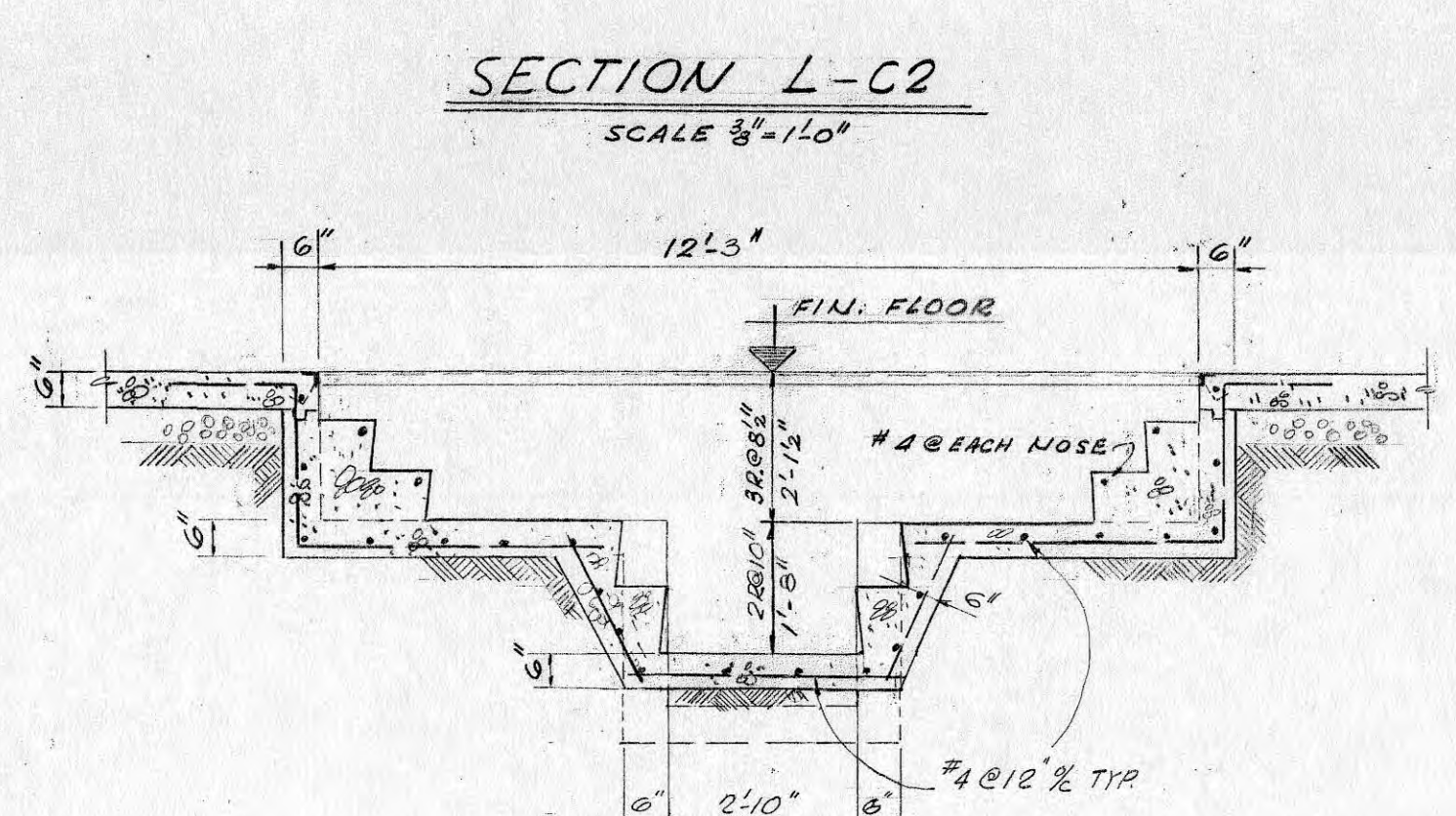
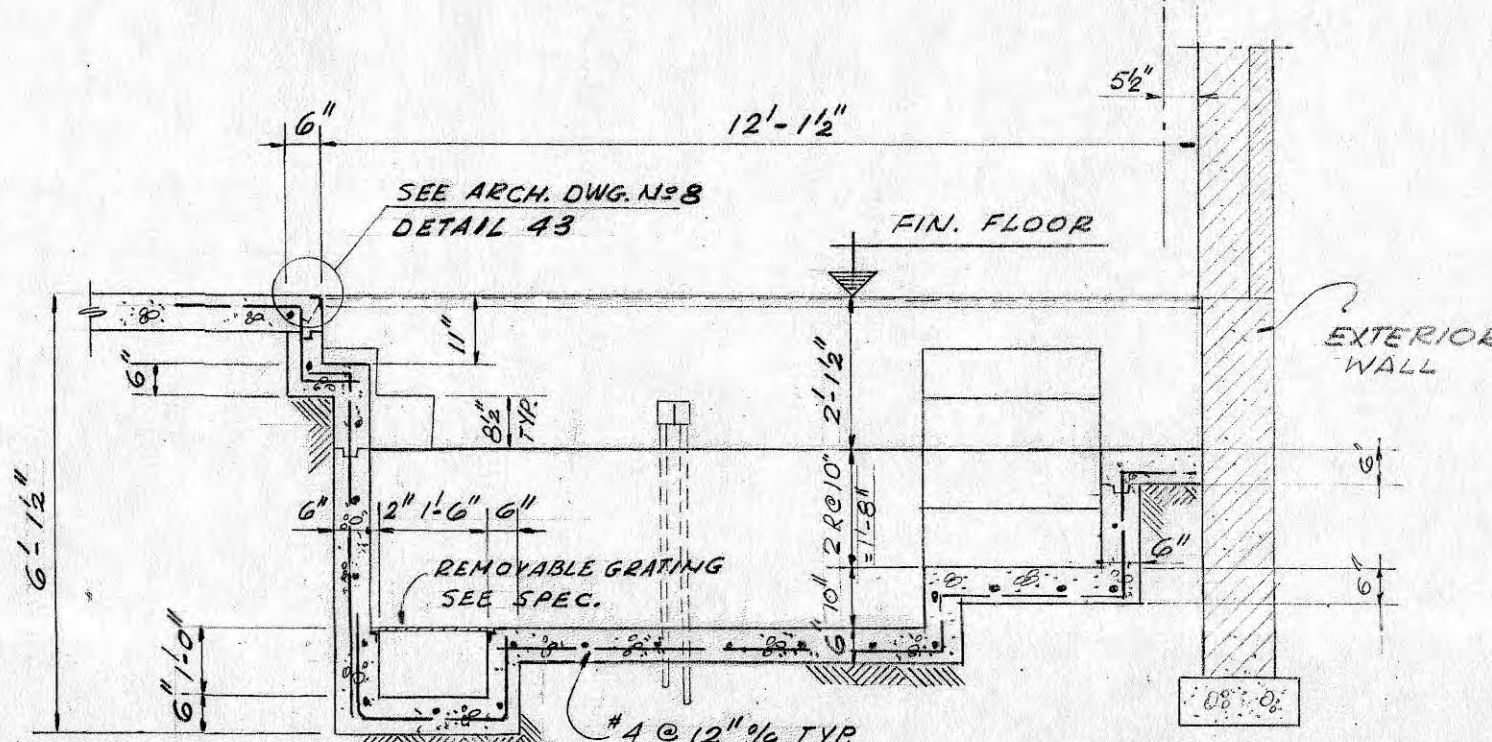
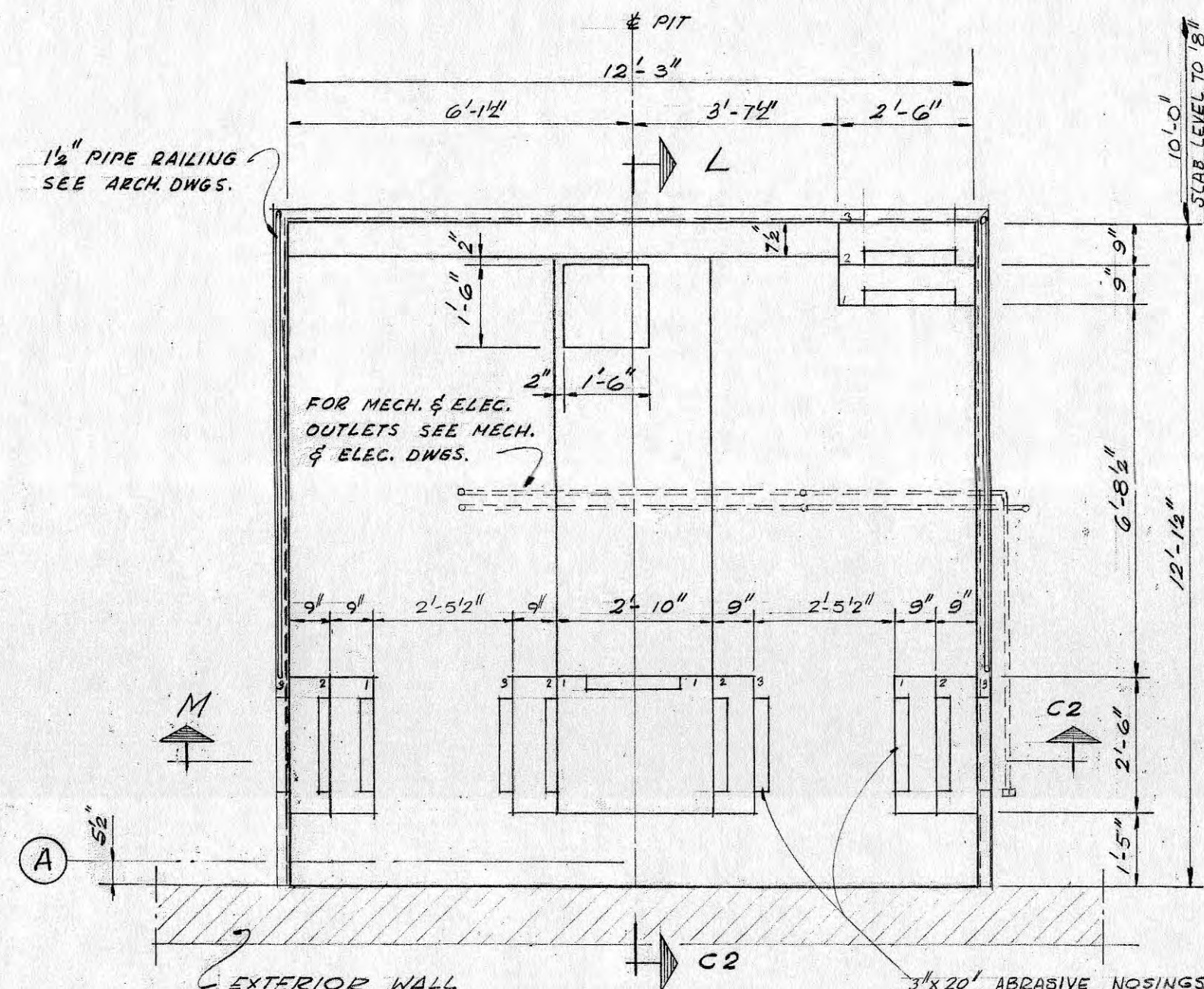



**SECOND FLOOR SLAB**  
SCALE: 3/8" = 1'-0"

NOTE: MAIN REINFORCING IN 4" CONC. SLAB - #3 @ 12" TOP & BOTTOM UNLESS OTHERWISE NOTED. TEMPERATURE REINFORCING #3 @ 18" %.

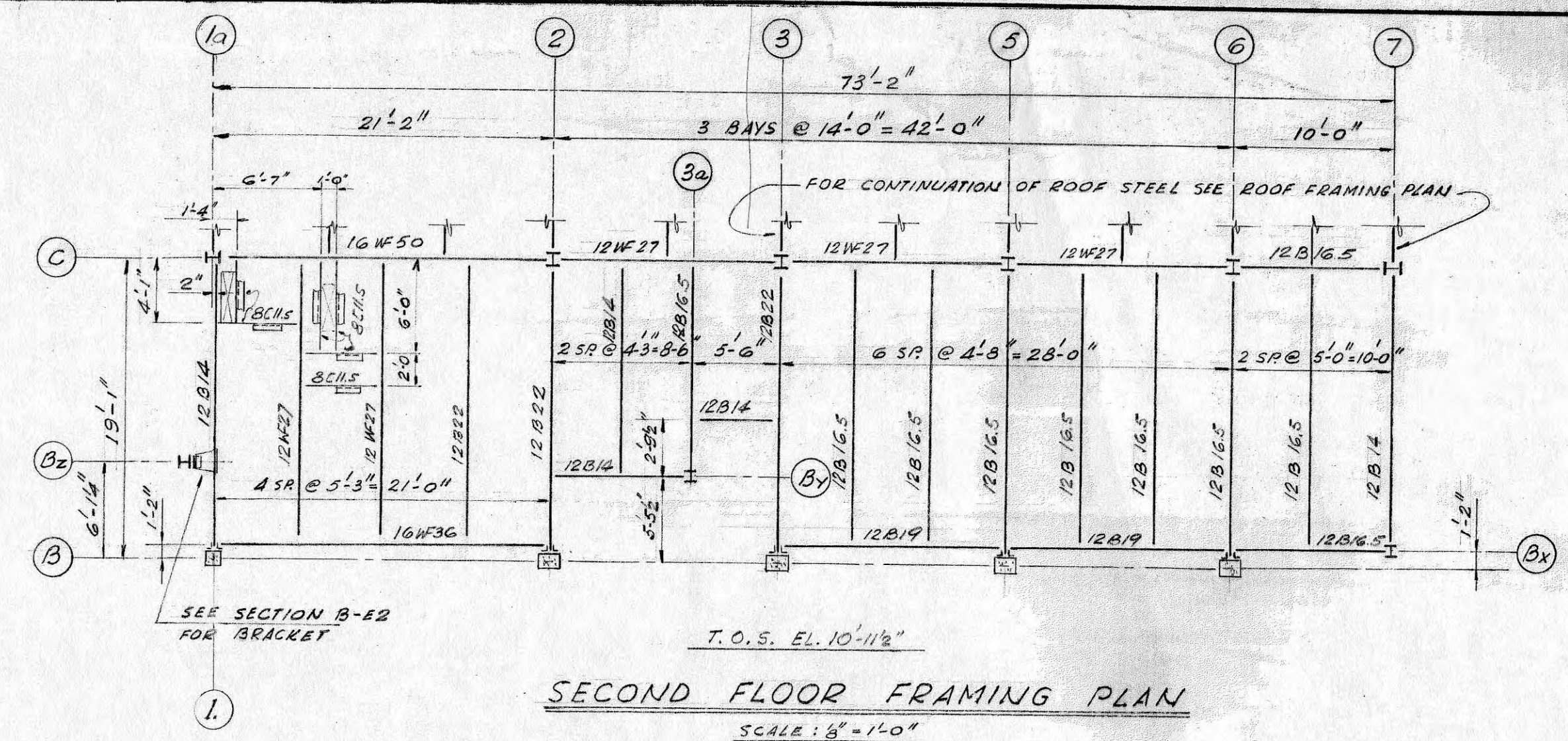
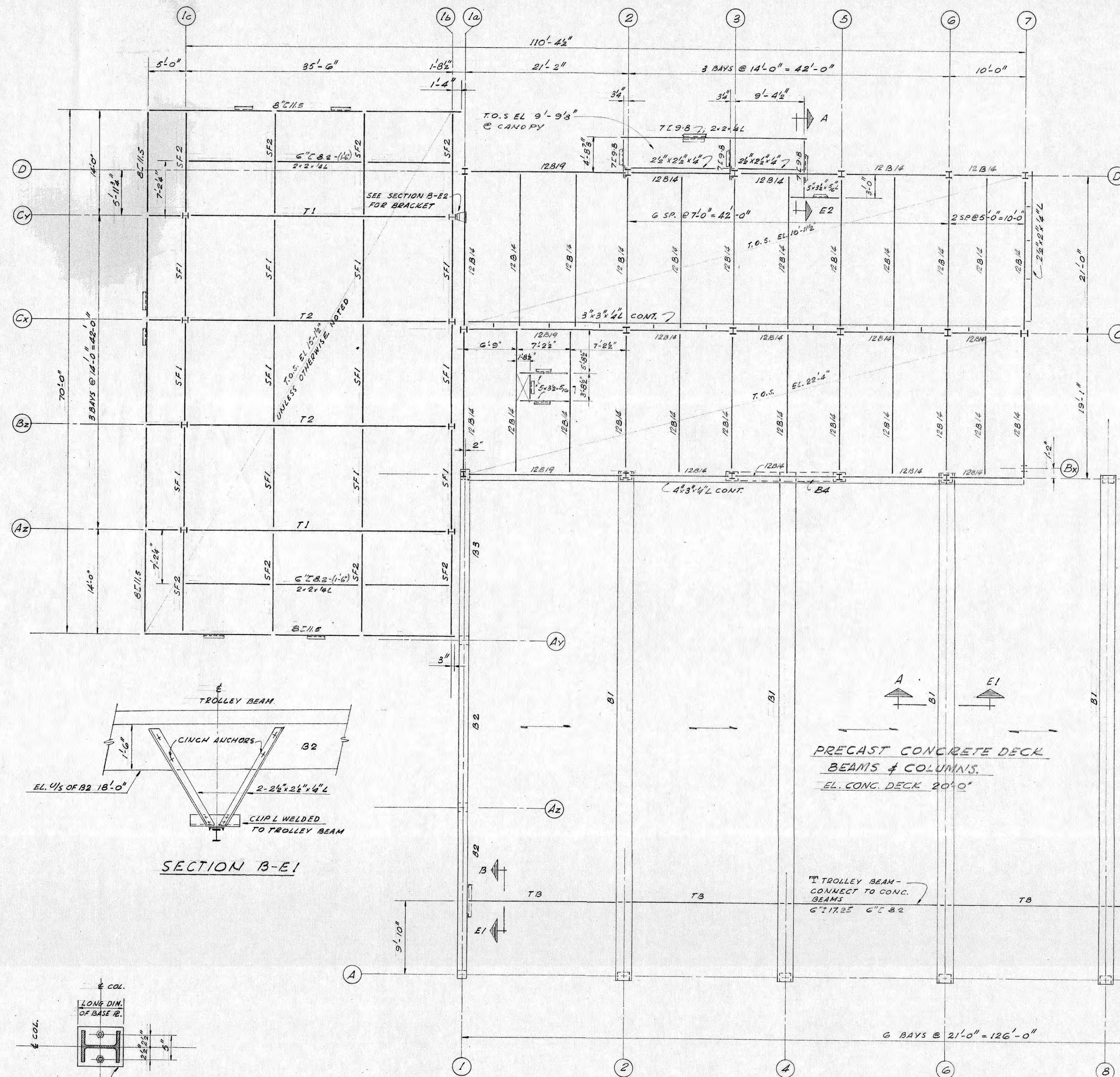


**SECTION J-C2**  
**SECTION J'-C2 DOTTED**  
SCALE: 1/4" = 1'-0"



|                                                                                       |             |  |             |                                  |  |  |
|---------------------------------------------------------------------------------------|-------------|--|-------------|----------------------------------|--|--|
|  | CLIENT      |  |             | CHRYSLER CORPORATION OF CANADA   |  |  |
|                                                                                       | JOB TITLE   |  |             | SALES & SERVICE CENTRES          |  |  |
|                                                                                       | SHEET TITLE |  |             | CONCRETE DETAILS                 |  |  |
|                                                                                       |             |  |             | GIFFELS & VALLET OF CANADA, LTD. |  |  |
|                                                                                       |             |  |             | ENGINEERS                        |  |  |
|                                                                                       |             |  |             | TORONTO, ONT.                    |  |  |
|                                                                                       |             |  |             | WINDSOR, ONT.                    |  |  |
|                                                                                       |             |  |             | PROJECT CHIEF                    |  |  |
|                                                                                       | DRAWN P. M. |  |             | DATE 9-5-59                      |  |  |
|                                                                                       | CHECKED     |  |             | IN CHARGE G. JUUSE               |  |  |
| DESIGNED G. J.                                                                        |             |  | DATE        |                                  |  |  |
| APPROVED                                                                              |             |  | JOB CAPTAIN |                                  |  |  |
| DATE                                                                                  |             |  | ISSUED FOR  |                                  |  |  |
| DATE                                                                                  |             |  | BY          |                                  |  |  |
| DATE                                                                                  |             |  | BULLETIN    |                                  |  |  |
| DATE                                                                                  |             |  | REVISION    |                                  |  |  |





ROOF LOADINGS:

ROOF EL. 20'-0"

TOP OF PRECAST CONC.

LIVE LOAD 40-0%<sup>1</sup>

ROOFING 6-5"

INSULATION 1-5"

DECK 3-6-0"

TOTAL = 84-0%<sup>1/2</sup>

LOAD OF CONC. I BEAMS 47000 #

ROOF EL. 22'-4" TOS

LIVE LOAD 40-0%<sup>1</sup>

ROOFING 3-5"

STEEL DECK 3-5"

INSULATION 2-0"

STEEL BEAMS 4-0"

CEILING 10-0"

TOTAL = 66-0%<sup>1</sup>

ROOF EL. 10'-1 1/2" TOS

LIVE LOAD 40-0%<sup>1</sup>

ROOFING 3-5"

STEEL DECK 3-5"

INSULATION 2-0"

STEEL BEAMS 4-0"

TOTAL = 56-0%<sup>1</sup>

ROOF EL. 15'-1 1/2" TOS

LIVE LOAD 40-0%<sup>1</sup>

ROOFING 6-5"

INSULATION 1-5"

CONC. FILL 3-5-0"

DECK 2-0"

CEILING 10-0"

TOTAL = 95-0%<sup>1</sup>

SECOND FLOOR LOADINGS:

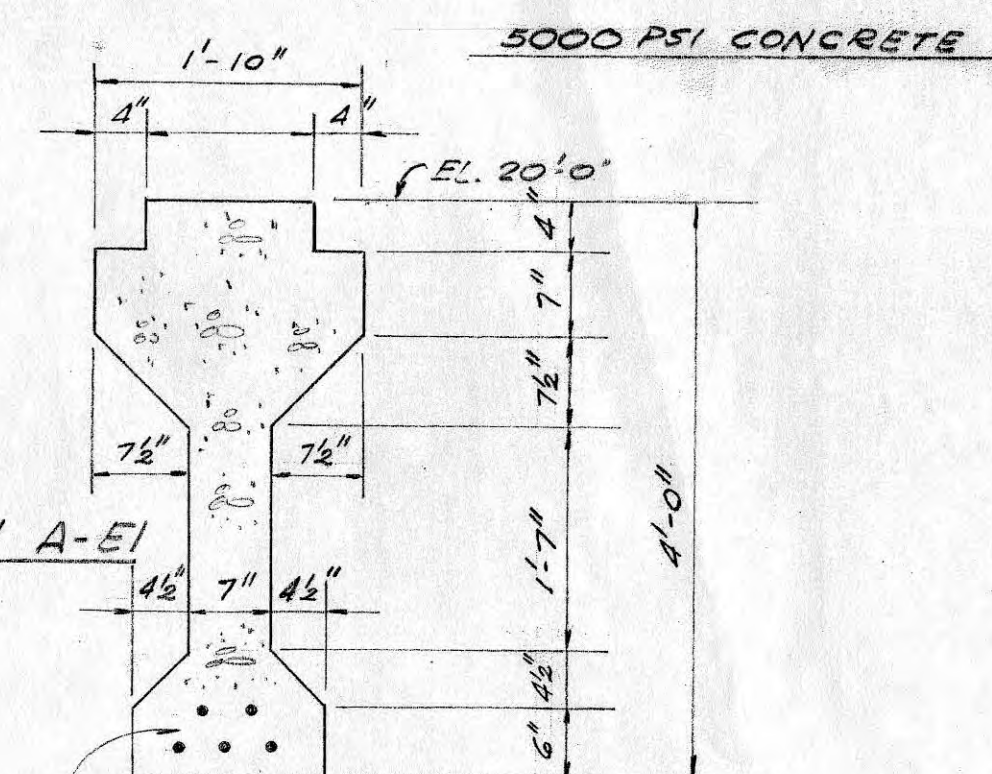
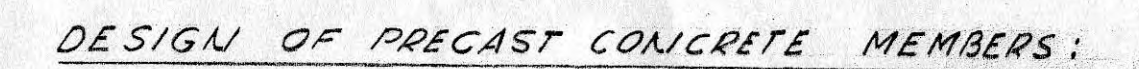
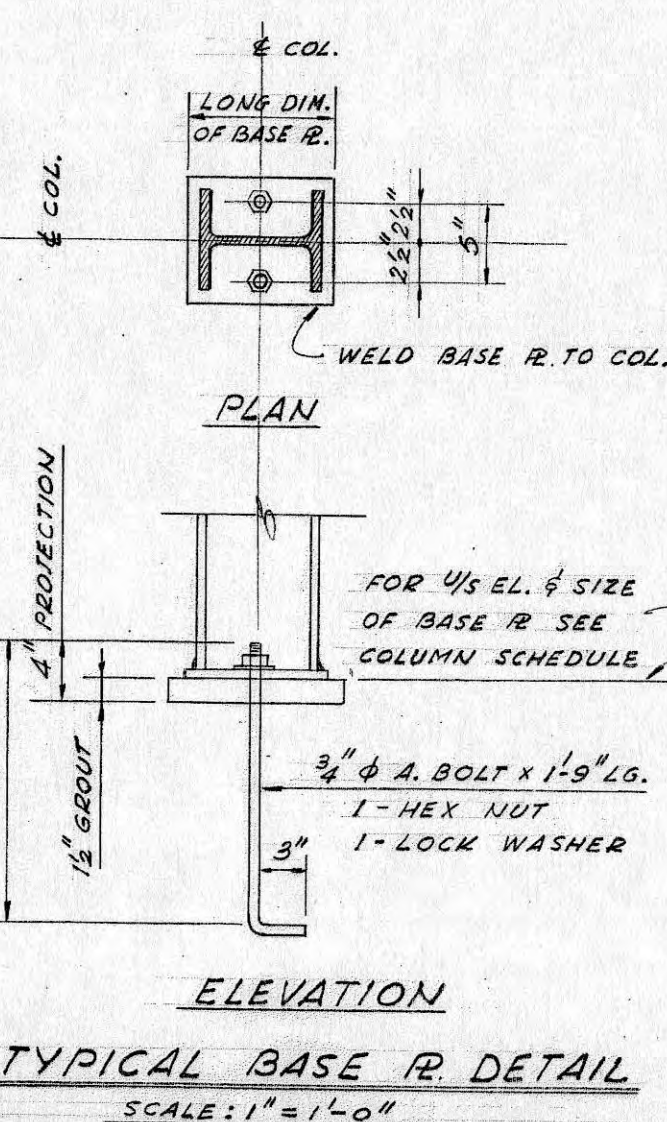
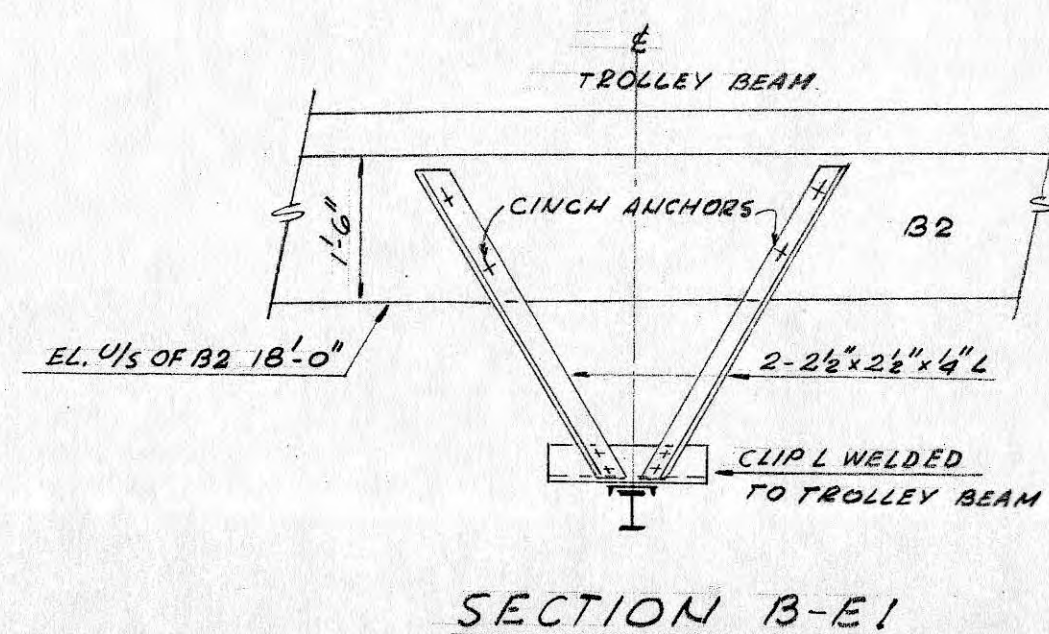
OFFICE AREA MECH. ROOM

LIVE LOAD 50-0%<sup>1</sup> LIVE LOAD 100-0%<sup>1</sup>

4" CONC. SLAB 50-0" 4" CONC. SLAB 50-0"

STEEL BEAMS 4-0" STEEL BEAMS 4-0"

TOTAL = 104-0%<sup>1</sup> TOTAL = 154-0%<sup>1</sup>



B1 5 CABLES 12"-276 WIRES- POST TENSIONED  
ULTIMATE STRENGTH OF WIRES 225,000 P.S.I. (MIN.)

B2-12"x18", 4-"8 BOTTOM, 2-"6 TOP  
STIRRUPS- 3-"3 @ 6" EACH END, REMAINDER 2'0" %.

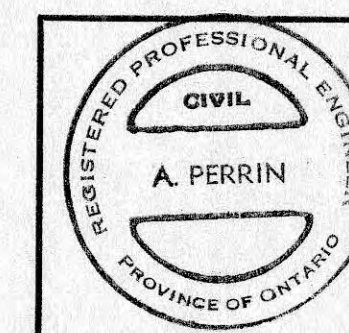
B3-12"x18", 2-"8 @ 4-2-"8 BOTTOM, 2-"6 TOP  
STIRRUPS- 3-"3 @ 6" EACH END, REMAINDER 2'0" %

B4-12"x36", 8-"8 BOTTOM, 2-"6 TOP  
STIRRUPS- 3-"3 @ 6" EACH END, REMAINDER 2'0" %

COLUMNS:  
A2, A4, A6, A8, A9, B2, B3, B5, B6, B8 & B9  
12" x 16" 4-#8, #3 @ 12"  $\frac{1}{2}$  TIES  
A1, A2, A4, B1, A10, A10, A10 & B10  
12" x 12" 4-#7, #3 @ 12" % TIES

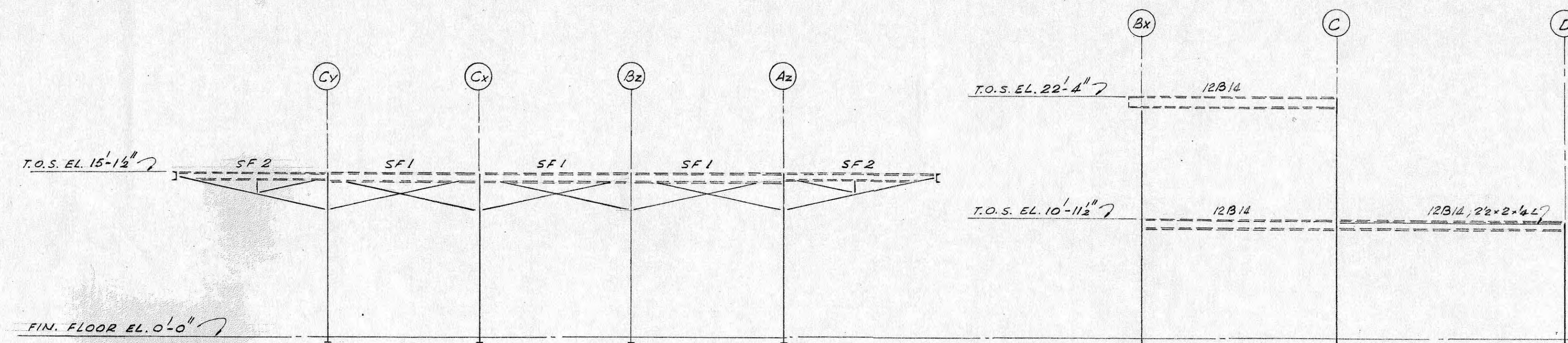
GENERAL NOTES:

1. STRUCTURAL DETAILS TO CONFORM TO C.S.A. SPECIFICATIONS.
2. ALL RIVETS AND BOLTS TO BE  $\frac{3}{4}$ " DIA. UNLESS OTHERWISE NOTED.
3. SHOD CONNECTIONS TO BE WELDED OR RIVETED.
4. FIELD CONNECTIONS TO BE RIVETED OR HIGH TENSILE BOLTED, EXCEPT GIRTS WHICH MAY BE MACHINE BOLTED.
5. STEEL DECK TO BE SPOT WELDED TO BEAMS.
6. PROVIDE HOLES FOR WOOD AND SASH ACCORDING TO ARCHITECTURAL DETAILS.
7. PROVIDE MASONRY ANCHORS AS SHOWN ON ARCHITECTURAL DETAILS.
8. SAG RODS ARE TO BE  $\frac{3}{8}$ "  $\phi$  AND ARE SHOWN THUS --- ON ELEVATIONS.

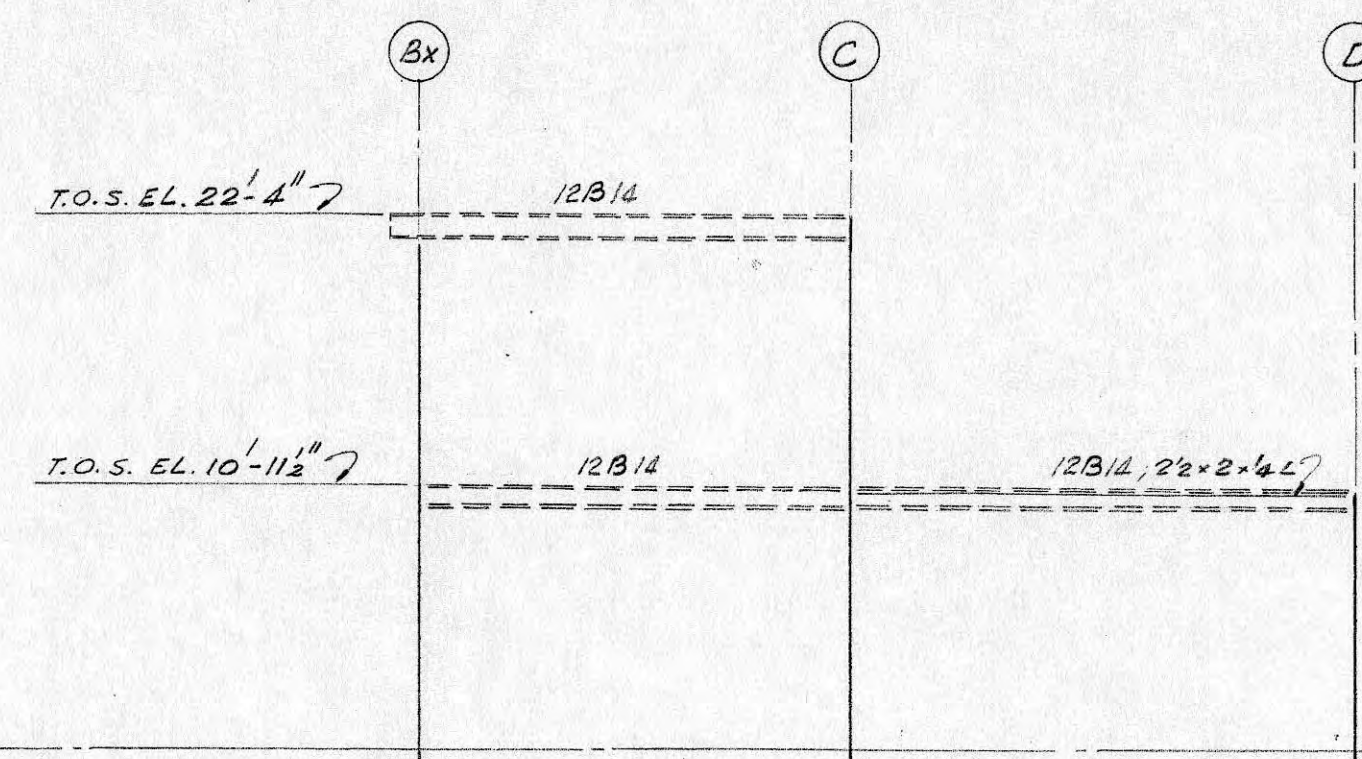


|         |                       |    |          |          |                  |                                               |                            |                             |  |                           |
|---------|-----------------------|----|----------|----------|------------------|-----------------------------------------------|----------------------------|-----------------------------|--|---------------------------|
|         |                       |    |          |          |                  | CLIENT<br>CHRYSLER CORPORATION OF CANADA      |                            |                             |  |                           |
|         |                       |    |          |          |                  | JOB TITLE<br>SALES & SERVICE CENTERS          |                            |                             |  |                           |
|         |                       |    |          |          |                  | SHEET TITLE<br>FRAMING PLANS                  |                            |                             |  |                           |
|         |                       |    |          |          |                  | GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                            |                             |  |                           |
|         |                       |    |          |          |                  | TORONTO, ONT.                                 |                            | WINDSOR, ONT.               |  |                           |
| 10.5.59 | REVISION WITH BULL #1 |    | P.M.     | #1       | DRAWN<br>P. M.   | DATE<br>9-15-59                               | PROJECT CHIEF<br>A. PERRIN | JOB<br><br><br><br>C-59-27B |  |                           |
| 9.21.59 | CONSTRUCTION          |    |          |          | CHECKED<br>G.J.  | IN CHARGE:<br>G. JUOSE                        |                            |                             |  |                           |
| 9.16.59 | BUILDING PERMIT       |    |          |          | DESIGNED<br>E.J. | DATE                                          |                            |                             |  |                           |
| 9.15.59 | SUB-TRADE TENDERS.    |    |          |          | APPROVED         | JOB CAPTAIN                                   |                            |                             |  |                           |
| DATE    | ISSUED FOR            | BY | BULLETIN | REVISION |                  |                                               |                            |                             |  | SHEET<br>E-1<br>FIVE # 64 |

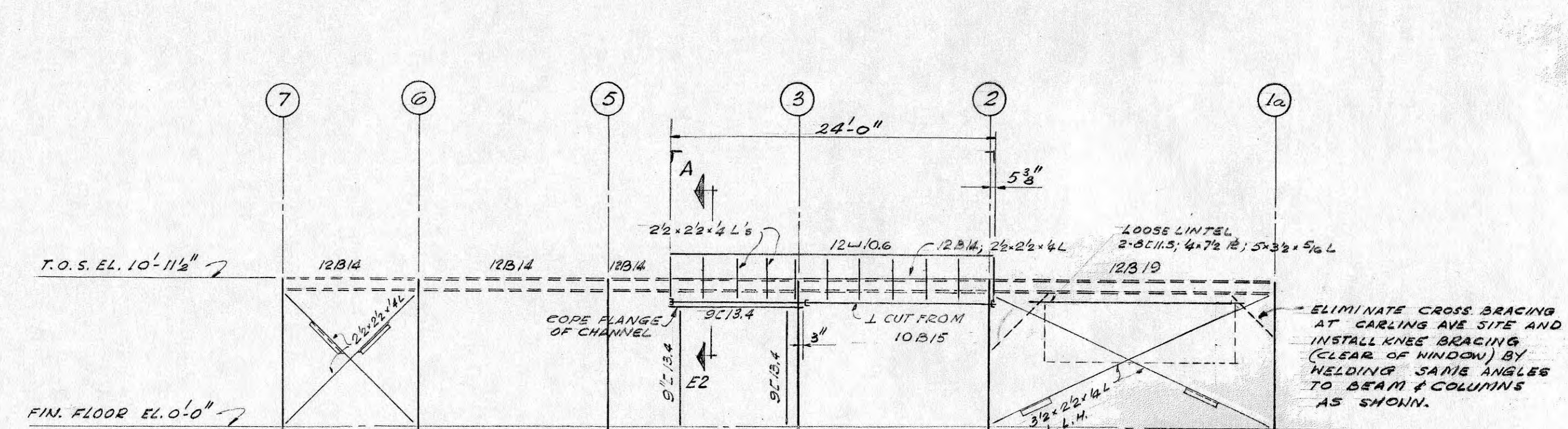




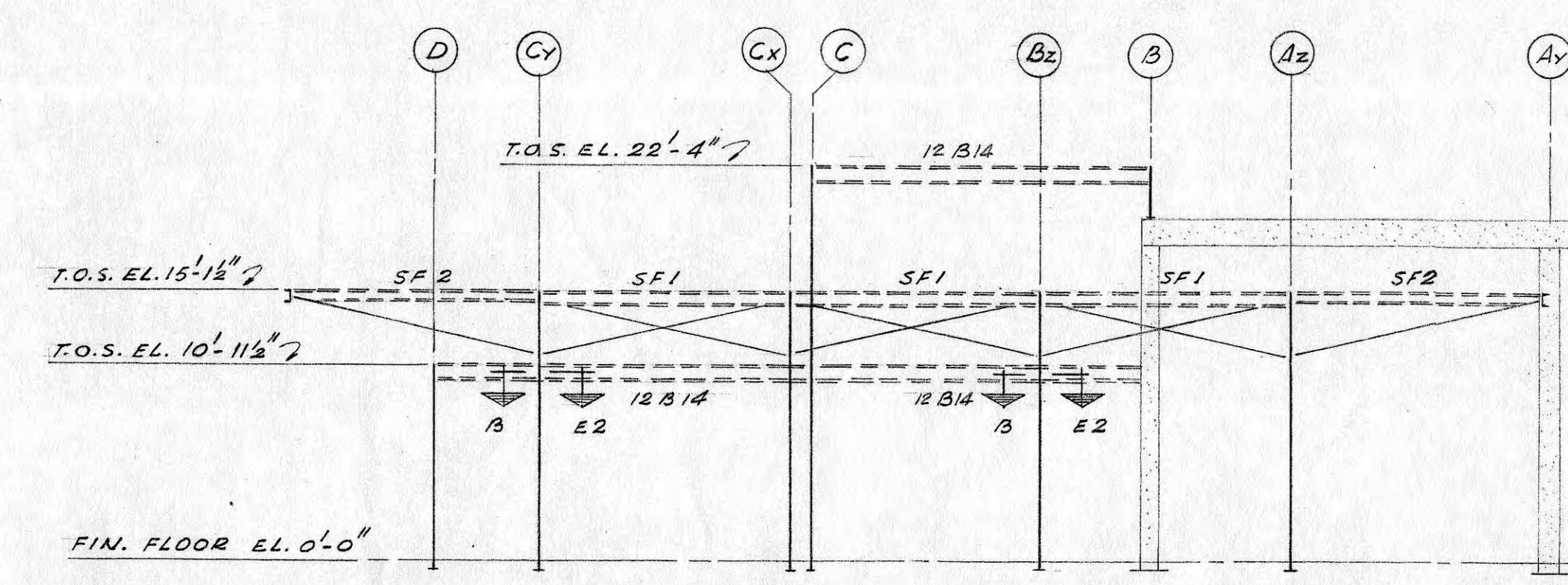
ELEVATION ON LINE 1c  
SCALE: 1/8" = 1'-0"



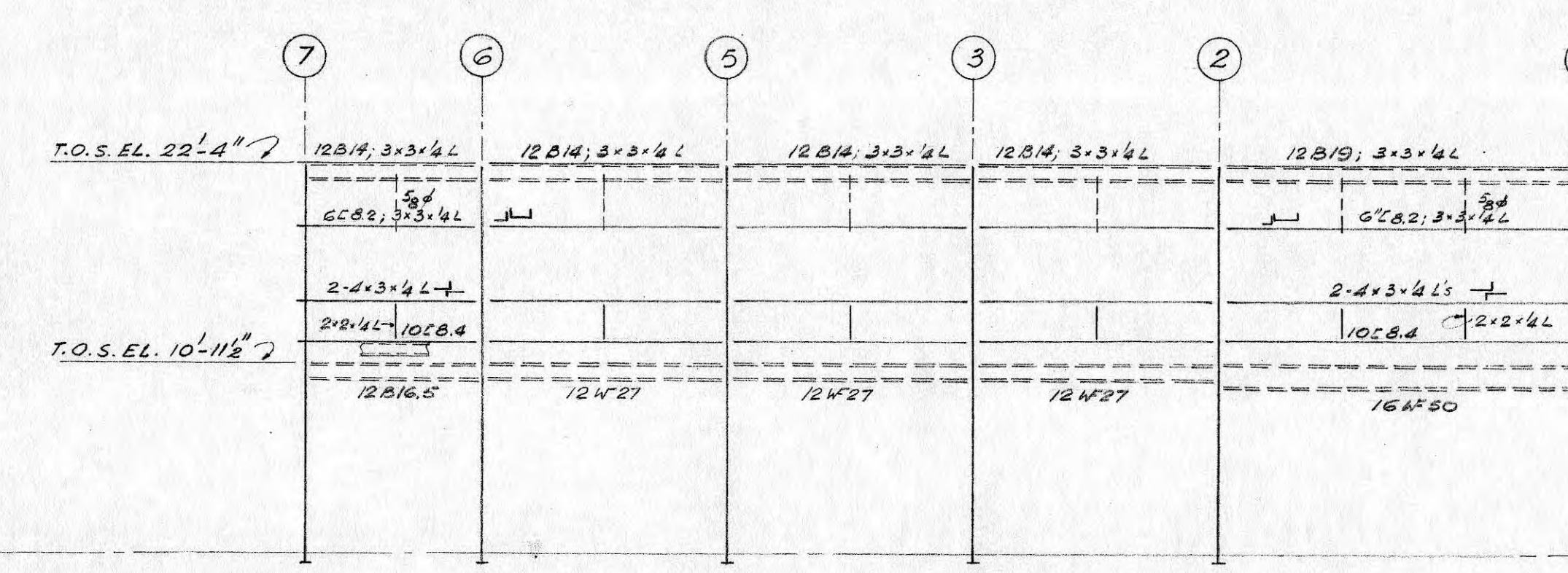
ELEVATION ON LINE 7  
SCALE: 1/8" = 1'-0"



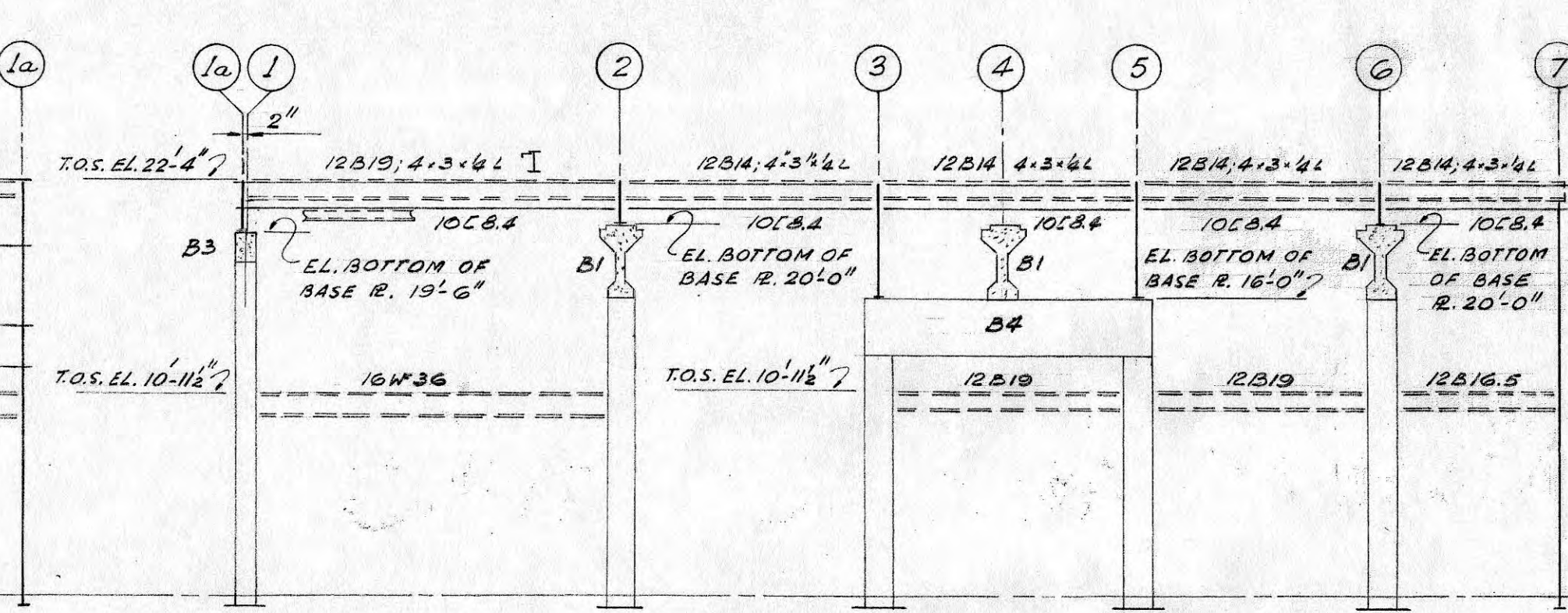
ELEVATION ON LINE D  
SCALE: 1/8" = 1'-0"



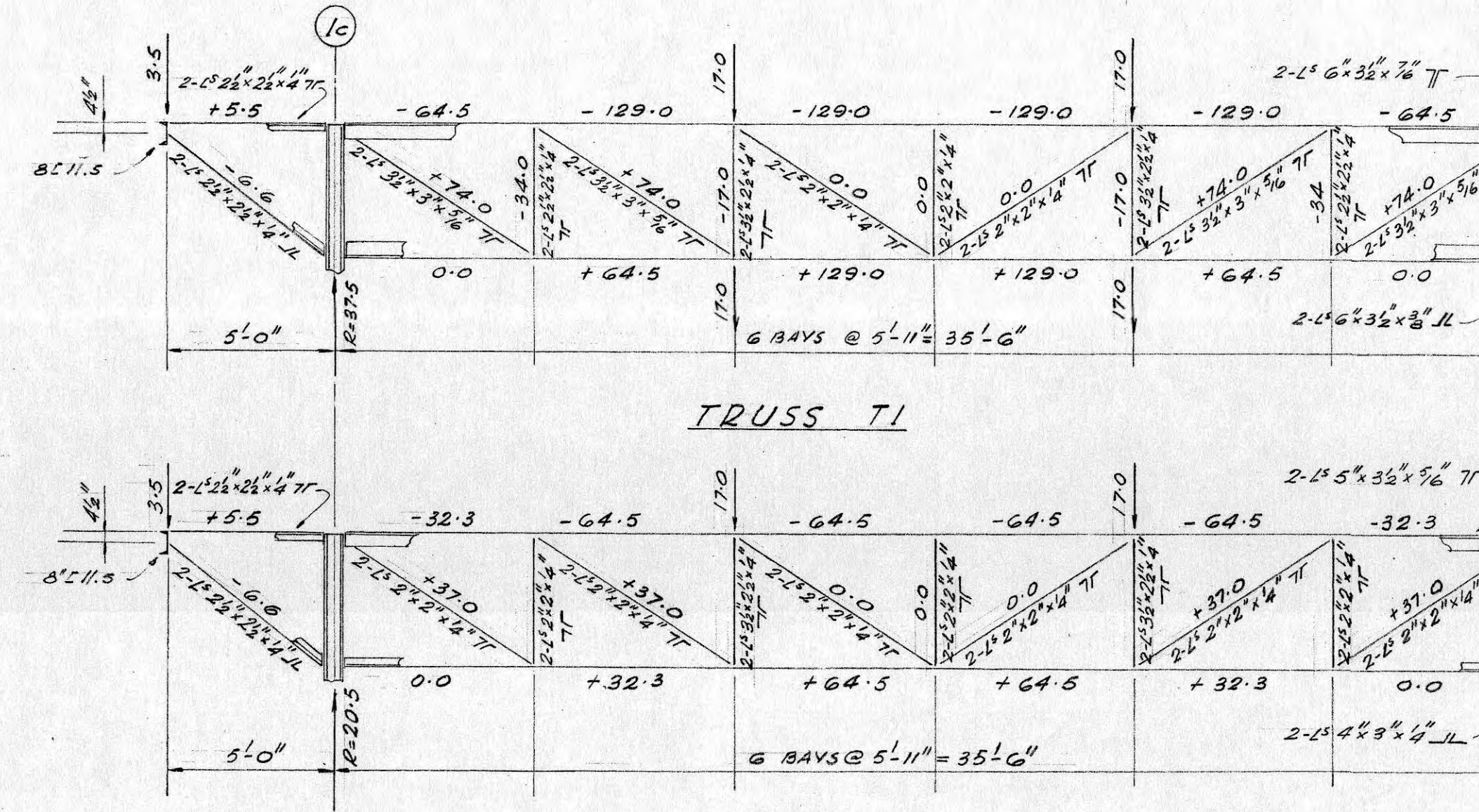
ELEVATION ON LINES 1b & 1a  
SCALE: 1/8" = 1'-0"



ELEVATION ON LINE C  
SCALE: 1/8" = 1'-0"

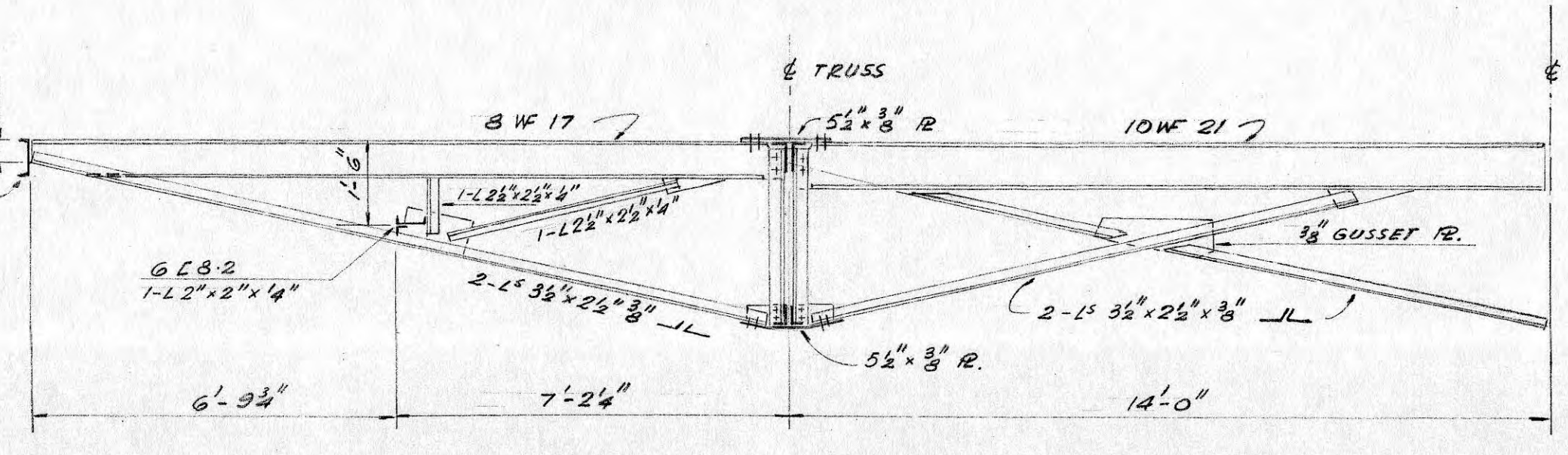


ELEVATION ON LINES B & Bx  
SCALE: 1/8" = 1'-0"

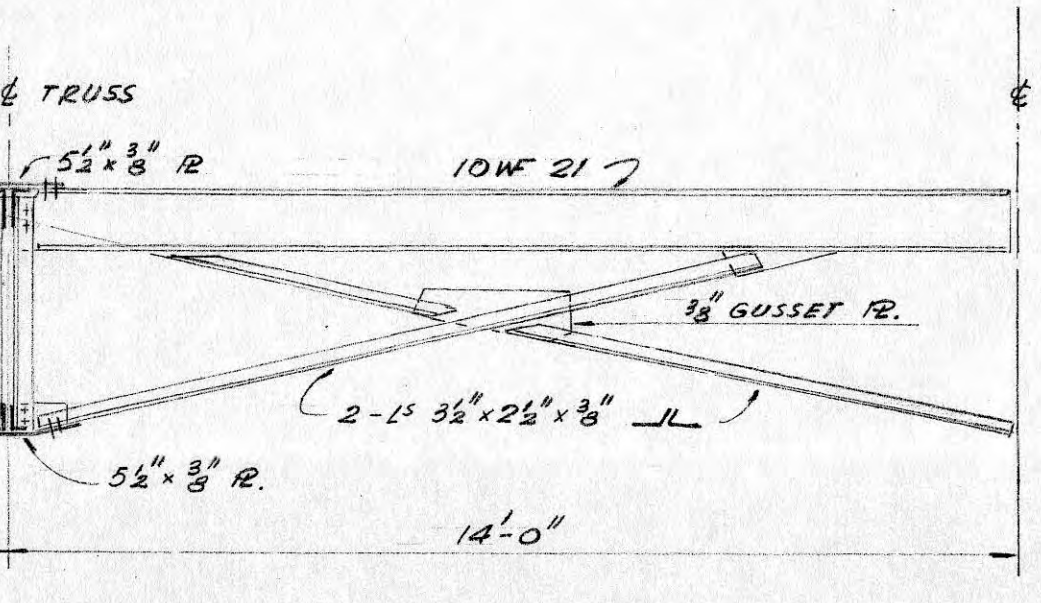


TRUSS T1

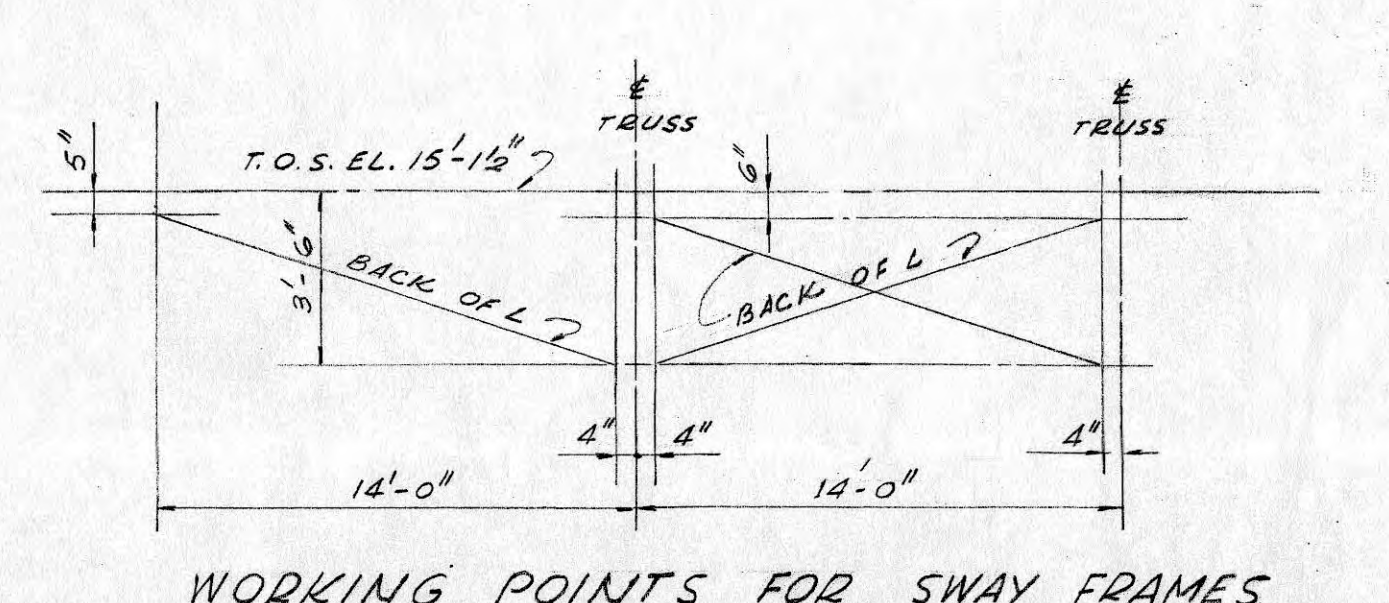
TRUSS T2



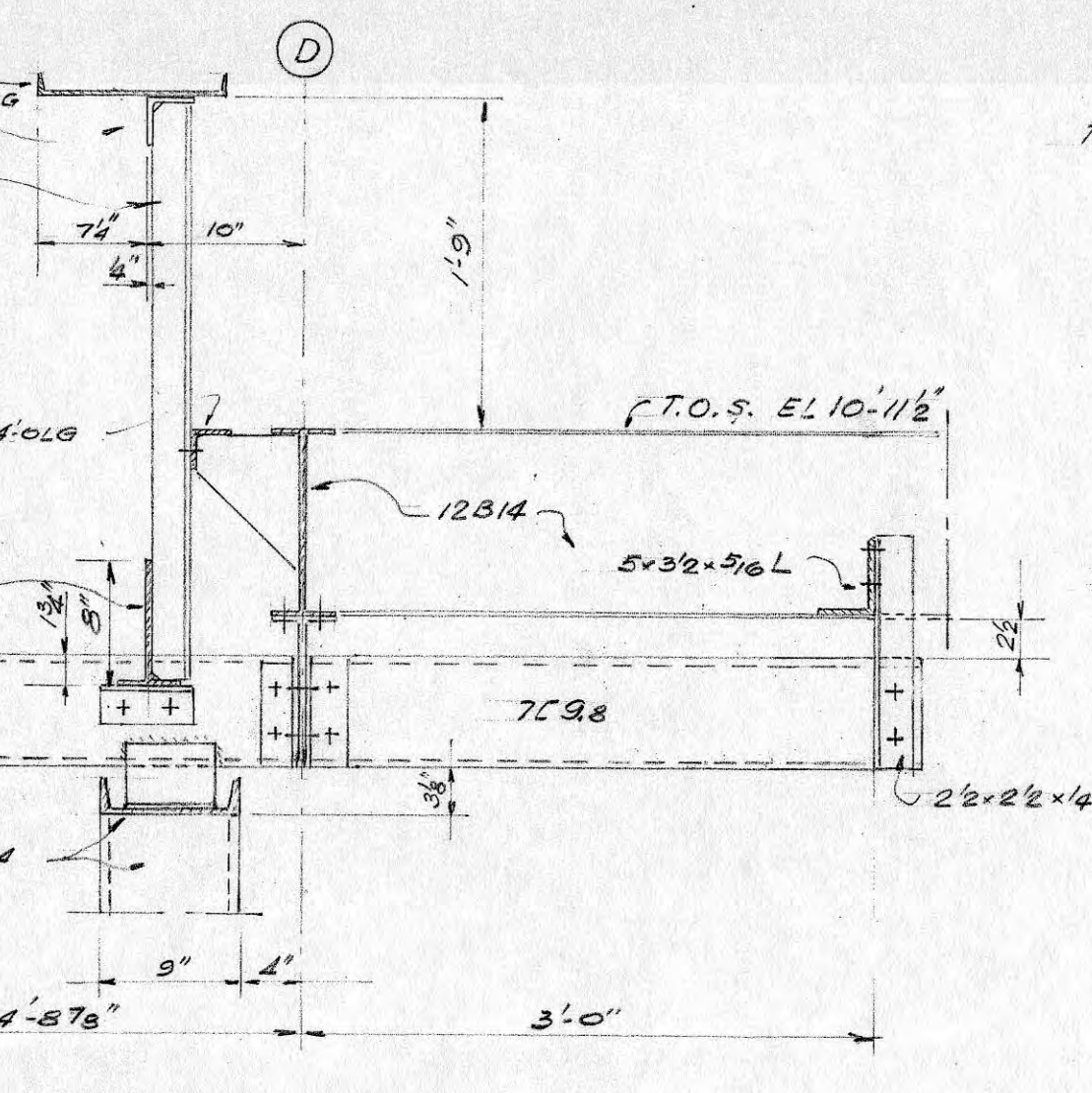
SWAY FRAME SF2



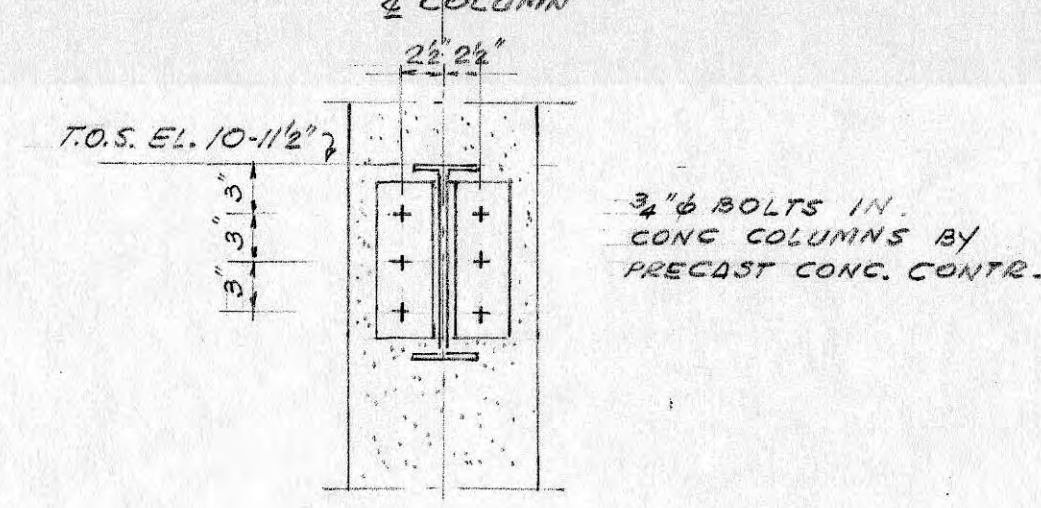
SWAY FRAME SF1



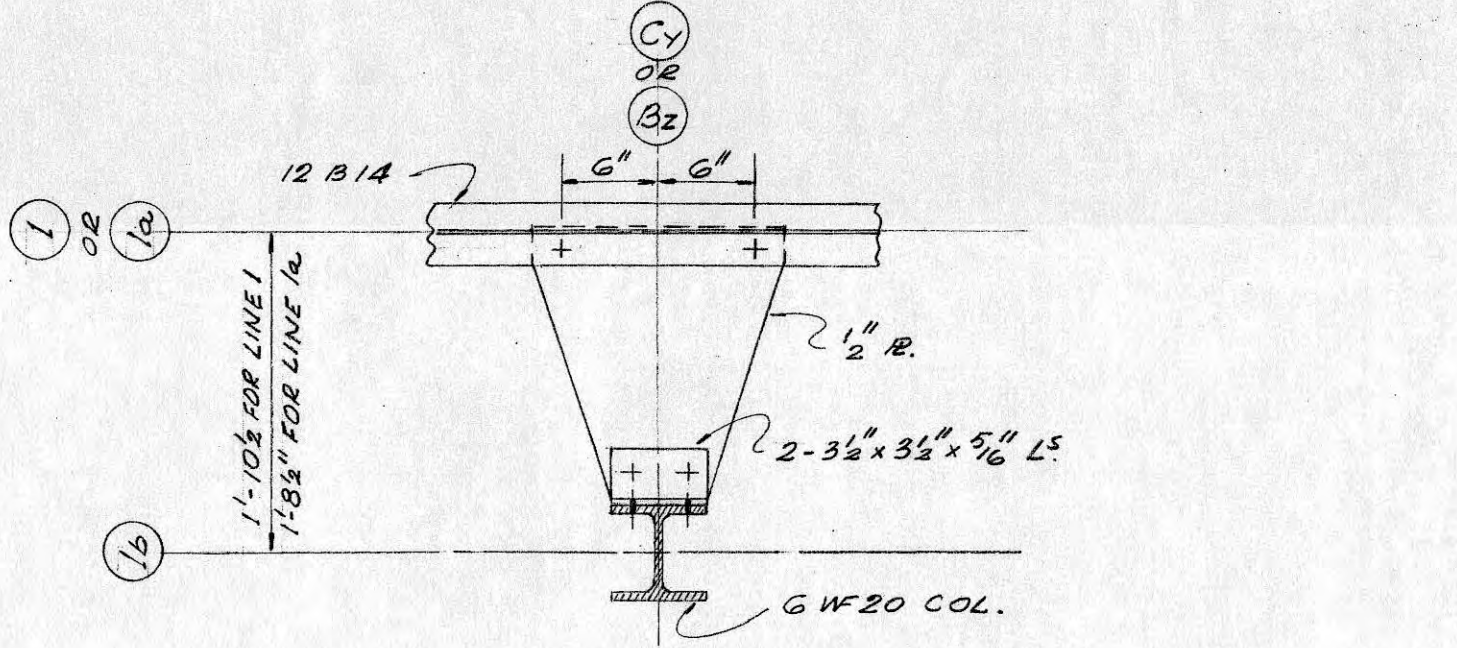
WORKING POINTS FOR SWAY FRAMES



SECTION A-E2  
SCALE: 1/8" = 1'-0"



TYPICAL CONNECTION TO CONCRETE COLUMNS

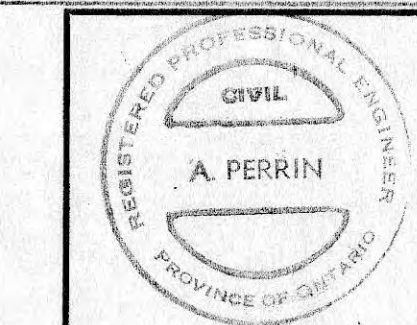


SECTION B-E2  
SCALE: 1/8" = 1'-0"

| COLUMN SCHEDULE        |                  |              |                                |                                                 |              |                           |
|------------------------|------------------|--------------|--------------------------------|-------------------------------------------------|--------------|---------------------------|
| COLUMN MARKS           | C1a, C2, C6 & C7 | C3 & C5      | D1a, D2, D3, D5, D6, D7 & Bx3a | Az1a, Az1c, Bz1b, Bz1c, Cx1b, Cx1c, Cy1b & Cy1c | Bx7          | B1, B2, B3, B5 & B6       |
| TOP OF STEEL EL.       |                  |              |                                |                                                 |              |                           |
| T.O.S. EL. 22'-4"      |                  |              |                                |                                                 |              |                           |
| T.O.S. EL. 15'-1 1/2"  |                  |              |                                |                                                 |              |                           |
| T.O.S. EL. 10'-11 1/2" |                  |              |                                |                                                 |              |                           |
| FIN FLOOR EL. 0'-0"    |                  |              |                                |                                                 |              |                           |
| BASE R. SIZE           | 8" x 8" x 9"     | 8" x 8" x 9" | 8" x 8" x 9"                   | 8" x 8" x 9"                                    | 8" x 8" x 9" | 8" x 8" x 9"              |
| EL. BOTTOM OF BASE R.  | -(0'-6")         | -(1'-6")     | -(0'-6")                       | -(0'-6")                                        | -(0'-6")     | SEE ELEV. ON LINES B & Bx |

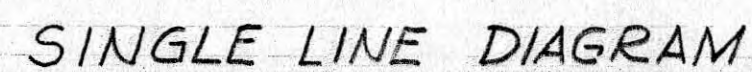
NOTES FOR TRUSSES:  
GUSSET PL. 3/8"  
CAMBER 1/8" PER 10 FT.  
- COMPRESSION.  
+ TENSION.  
ALL STRESSES & FORCES IN KIPS.  
TRUSSES TO SHOP WELDED

NOTE: COL. BASE IS TO BE WELDED TO STEEL & PROVIDED BY PRECAST CONC. CONTR.



|                                                                                                                                                      |                            |                                                                                   |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| CLIENT<br><b>CHRYSLER CORPORATION OF CANADA</b><br>JOB TITLE<br><b>SALES &amp; SERVICE CENTERS</b><br>SHEET TITLE<br><b>ELEVATIONS &amp; DETAILS</b> |                            |                                                                                   |                                                                                    |
| <b>GIFFELS &amp; VALLET OF CANADA, LTD. ENGINEERS</b><br>TORONTO, ONT.      WINDSOR, ONT.                                                            |                            |                                                                                   |                                                                                    |
| 11.11.59 REVISION WITH BULL. #1<br>10.5.59 REVISION WITH BULL. #1<br>9.21.59 CONSTRUCTION<br>9.16.59 BUILDING PERMIT<br>8.15.59 SUB-TRADE TENDERS.   | 11.9.59 G.J. #2<br>P.M. #1 | PROJECT CHIEF<br><b>A. PERRIN</b><br>IN CHARGE<br><b>G. JUUSE</b><br>DATE<br>DATE | JOB<br><b>C-59-27 B</b><br>SHEET<br><b>E-2</b><br><b>FILE # 64</b><br><b>9-D-7</b> |



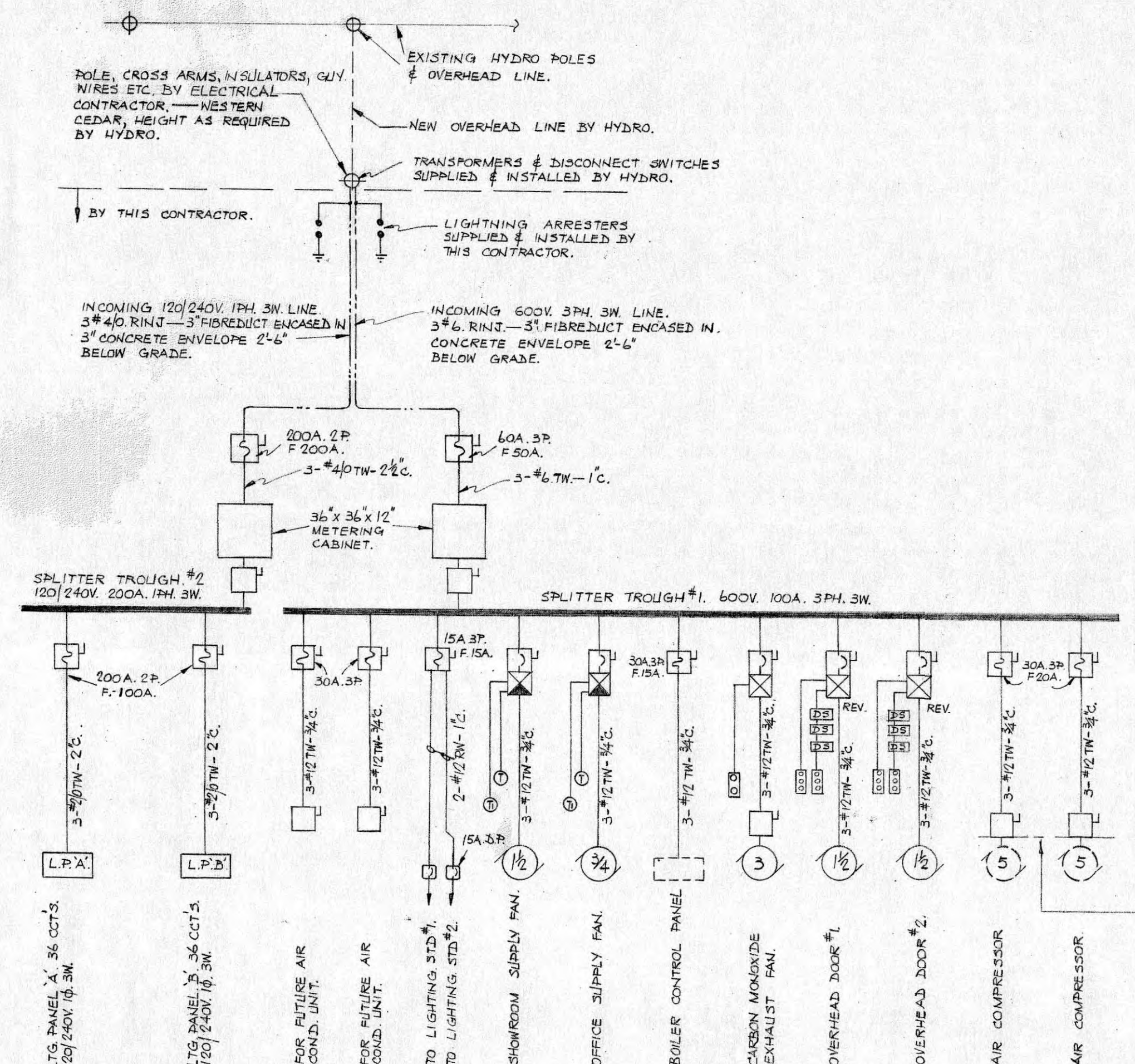


GENERAL NOTES.

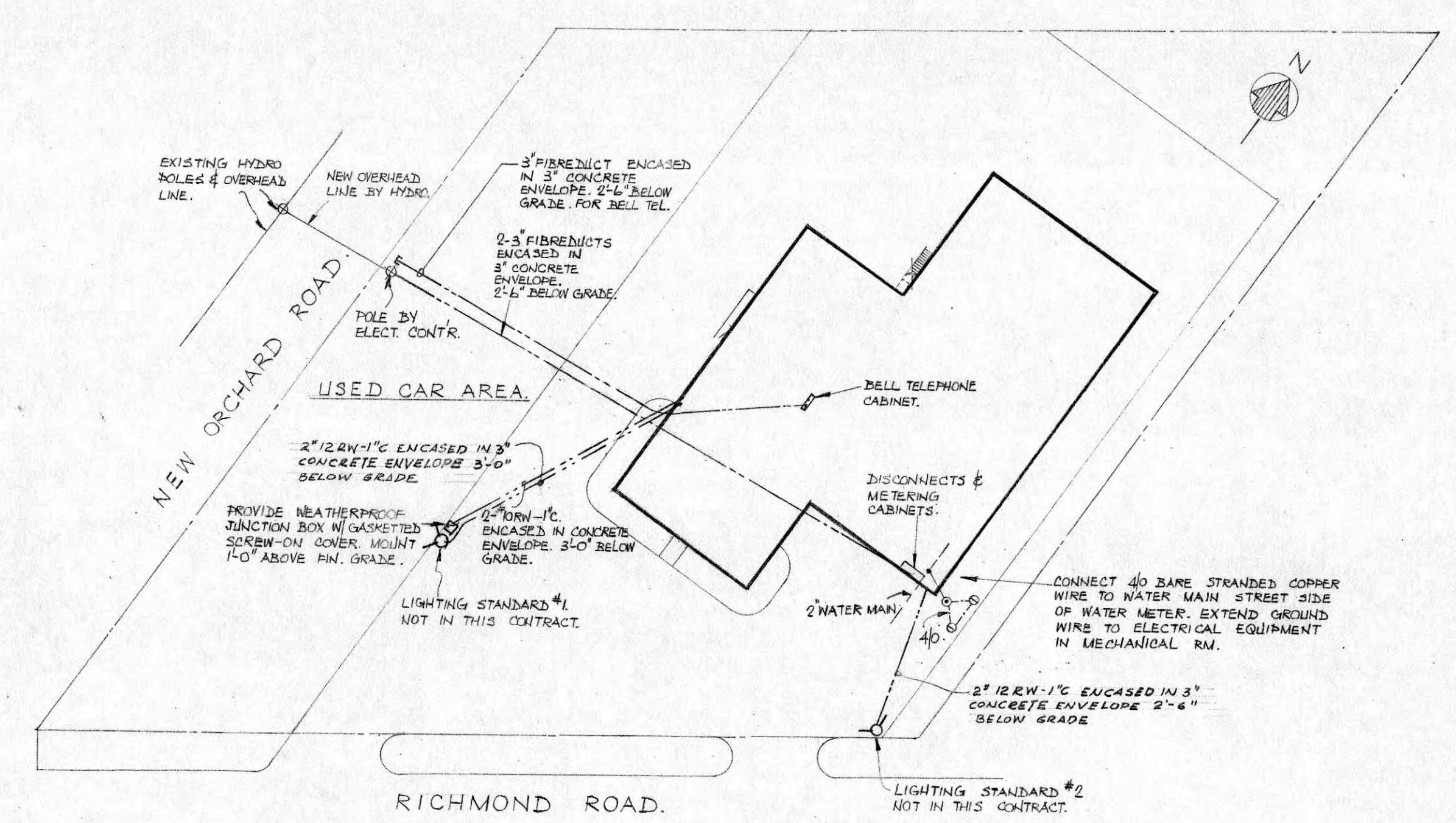
1. ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY DRAINED.
2. ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & OTHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4FT. ABOVE FIN. FLOOR OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS CLASS I.
3. ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR SHALL BE OF U.S. MANUFACTURE ONLY.
4. FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSE-TOWN AND SAME SHALL BE OF THE SAME TYPE AS INDICATED ON DRAWINGS.
5. LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.

|             |                           |                           |    |                   |                   |                                               |                                    |                 |
|-------------|---------------------------|---------------------------|----|-------------------|-------------------|-----------------------------------------------|------------------------------------|-----------------|
|             |                           |                           |    |                   |                   | CIENT                                         | CHRYSLER CORPORATION OF CANADA     |                 |
|             |                           |                           |    |                   |                   | JOB TITLE                                     | SALES & SERVICE CENTRES            |                 |
|             |                           |                           |    |                   |                   | SHEET TITLE                                   | SINGLE LINE DIAGRAM - CARLING AVE. |                 |
|             |                           |                           |    |                   |                   | GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                                    |                 |
|             |                           |                           |    |                   |                   | TORONTO, ONT.                                 | WINDSOR, ONT.                      |                 |
|             | NOV. 11/59                | REVISION WITH BULLETIN #4 | VT | #4                | DRAWN<br>J.G.B.P. | DATE<br>8-29-59                               | PROJECT CHIEF<br>A. PERRIN         | JOB<br>C 59 27B |
| OCT. 5/59   | REVISION WITH BULLETIN #3 | J.G.B.P.                  | #3 | CHECKED<br>F.W.B. | IN CHARGE:        |                                               | SHEET<br><br>EL I<br>FILE # 64     |                 |
| OCT. 5/59   | REVISION WITH BULLETIN #1 | J.G.B.P.                  | #1 | DESIGNED<br>V.T.  | DATE              |                                               |                                    |                 |
| SEPT. 11/59 | CONSTRUCTION              |                           |    | APPROVED          | JOB CAPTAIN       |                                               |                                    |                 |
| SEPT. 16/59 | BUILDING PERMIT           |                           |    |                   |                   |                                               |                                    |                 |
| SEPTEMBER   | SUB-TRADE TENDERS         | DATE                      | BY | BULLETIN          |                   |                                               |                                    |                 |
| DATE        | ISSUED FOR                |                           |    | REVISION          |                   |                                               |                                    |                 |

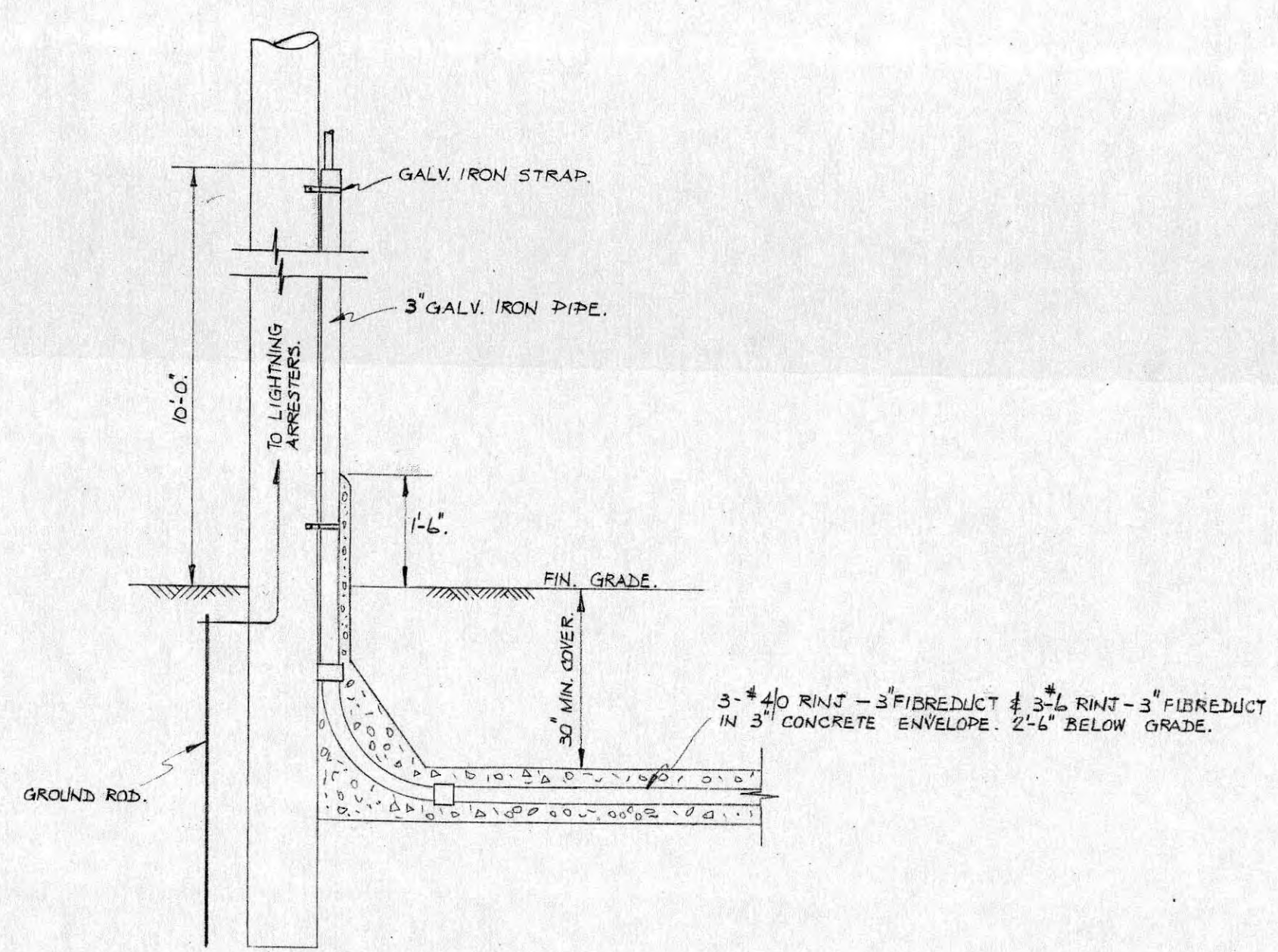




SINGLE LINE DIAGRAM



PLOT PLAN  
SCALE 1" = 40' 0"



UNDERGROUND SERVICE FROM HYDRO POLE.

| SYMBOL   | DESCRIPTION                                                                                                                        | REMARKS |
|----------|------------------------------------------------------------------------------------------------------------------------------------|---------|
| [Symbol] | FLUORESCENT LIGHTING FIXTURE FOR SHOWROOM.                                                                                         |         |
| [Symbol] | FLUORESCENT LIGHTING FIXTURE TYPE 'E'.                                                                                             |         |
| [Symbol] | INCANDESCENT LIGHTING FIXTURE TYPE 'K'.                                                                                            |         |
| [Symbol] | INCANDESCENT LIGHTING FIXTURE WALL BRACKET TYPE.                                                                                   |         |
| [Symbol] | SPOT LIGHT, MOUNTED IN SHOWROOM.                                                                                                   |         |
| [Symbol] | EXIT LIGHT.                                                                                                                        |         |
| [Symbol] | LIGHT SWITCH, 3 P. 'T' RATED, 125V. 20A. HUBBELL 9800 SERIES.                                                                      |         |
| [Symbol] | 2 GANG LIGHT SWITCH.                                                                                                               |         |
| [Symbol] | DUPLEX RECEPTACLE, 120V. 15A. U.G. GROUNDED. TYPE HUBBELL CAT. NO. 5252.                                                           |         |
| [Symbol] | CLOCK OUTLET HUBBELL CAT. NO. 7707 125V. 15A.                                                                                      |         |
| [Symbol] | NIGHT LIGHT.                                                                                                                       |         |
| [Symbol] | UNFUSED DISCONNECT SWITCH.                                                                                                         |         |
| [Symbol] | LIGHTING PANEL 120/240V. 1PH. 3W.                                                                                                  |         |
| [Symbol] | TELEPHONE OUTLET.                                                                                                                  |         |
| [Symbol] | MANUAL STARTER, WEST. CAT. NO. 100-23 WITH PILOT LIGHT.                                                                            |         |
| [Symbol] | MOTOR H.P. AS INDICATED. 550V. 3PH. 60W.                                                                                           |         |
| [Symbol] | FUSED DISCONNECT SWITCH 600V. 3P. FUSED AT 70A.                                                                                    |         |
| [Symbol] | COMBINATION MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER/ START STOP P.B. IN COVER.                                    |         |
| [Symbol] | REVERSING MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER.                                                                |         |
| [Symbol] | THERMOSTAT WITH HAND-OFF-AUTO SEL. SWITCH. MINNEAPOLIS-HONEYWELL CAT. NO. 7A-423. WHERE ON EXTERIOR WALL TO BE MOUNTED ON 3" CORK. |         |
| [Symbol] | DOOR SWITCH.                                                                                                                       |         |
| [Symbol] | OPEN- CLOSE- STOP. P.B.                                                                                                            |         |
| [Symbol] | START- STOP. P.B. WITH LOCK ATTACHMENT. MOMENTARY CONTACT.                                                                         |         |
| [Symbol] | JUNCTION BOX.                                                                                                                      |         |
| [Symbol] | GROUND ROD. COPPERWELD. 3/4" X 10'-0" LG.                                                                                          |         |
| [Symbol] | GROUND ROD. COPPERWELD. 3/4" X 10'-0" LG. W/ VITRIFIED TILE & REMOVABLE WOODEN COVER.                                              |         |
| [Symbol] | CONDUIT IN SLAB.                                                                                                                   |         |
| [Symbol] | CONDUIT RUN EXPOSED.                                                                                                               |         |
| [Symbol] | HOME RUN TO LTG. PANEL. NUMBERS INDICATE CIRCUIT BREAKER NUMBERS IN LTG. PANEL.                                                    |         |
| [Symbol] | EMPTY CONDUIT FOR TELEPHONE.                                                                                                       |         |
| [Symbol] | GROUNDING WIRE RUN UNDERGROUND.                                                                                                    |         |
| [Symbol] | CONDUIT OR FIBER DUCT RUN UNDERGROUND.                                                                                             |         |

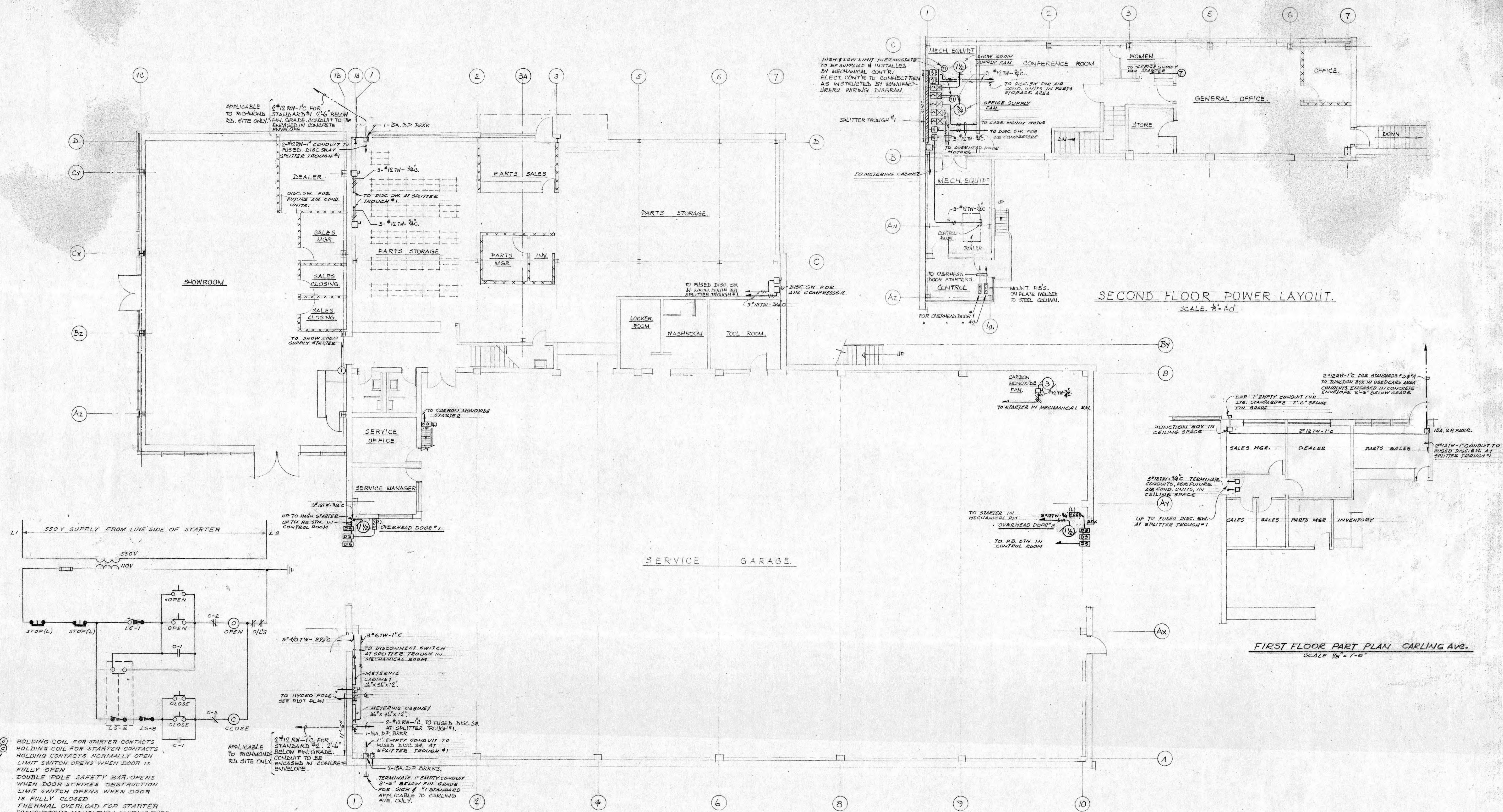
GENERAL NOTES.

- ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY DRAINED.
- ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & OTHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4 FT. ABOVE FIN. FLOOR. OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS CLASS I.
- ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR. SHALL BE OF ONE MANUFACTURE ONLY.
- FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSETRON DUAL ELEMENT FUSES UNLESS OTHERWISE INDICATED ON DWGS.
- LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.



|                                                 |                 |                            |                 |
|-------------------------------------------------|-----------------|----------------------------|-----------------|
| CLIENT<br>CHRYSLER CORPORATION OF CANADA        |                 |                            |                 |
| JOB TITLE<br>SALES & SERVICE CENTRES            |                 |                            |                 |
| SHEET TITLE<br>SINGLE LINE DIAGRAM-RICHMOND RD. |                 |                            |                 |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS   |                 |                            |                 |
| TORONTO, ONT.                                   |                 | WINDSOR, ONT.              |                 |
| DRAWN<br>J.G.B.P.                               | DATE<br>8/29/59 | PROJECT CHIEF<br>A. PERRIN | JOB<br>C-59-27B |
| CHECKED<br>F.W.B.                               |                 | IN CHARGE                  |                 |
| DESIGNED<br>V.T.                                |                 | DATE                       |                 |
| APPROVED                                        |                 | JOB CAPTAIN                |                 |
| DATE                                            | ISSUED FOR      | REVISION                   |                 |



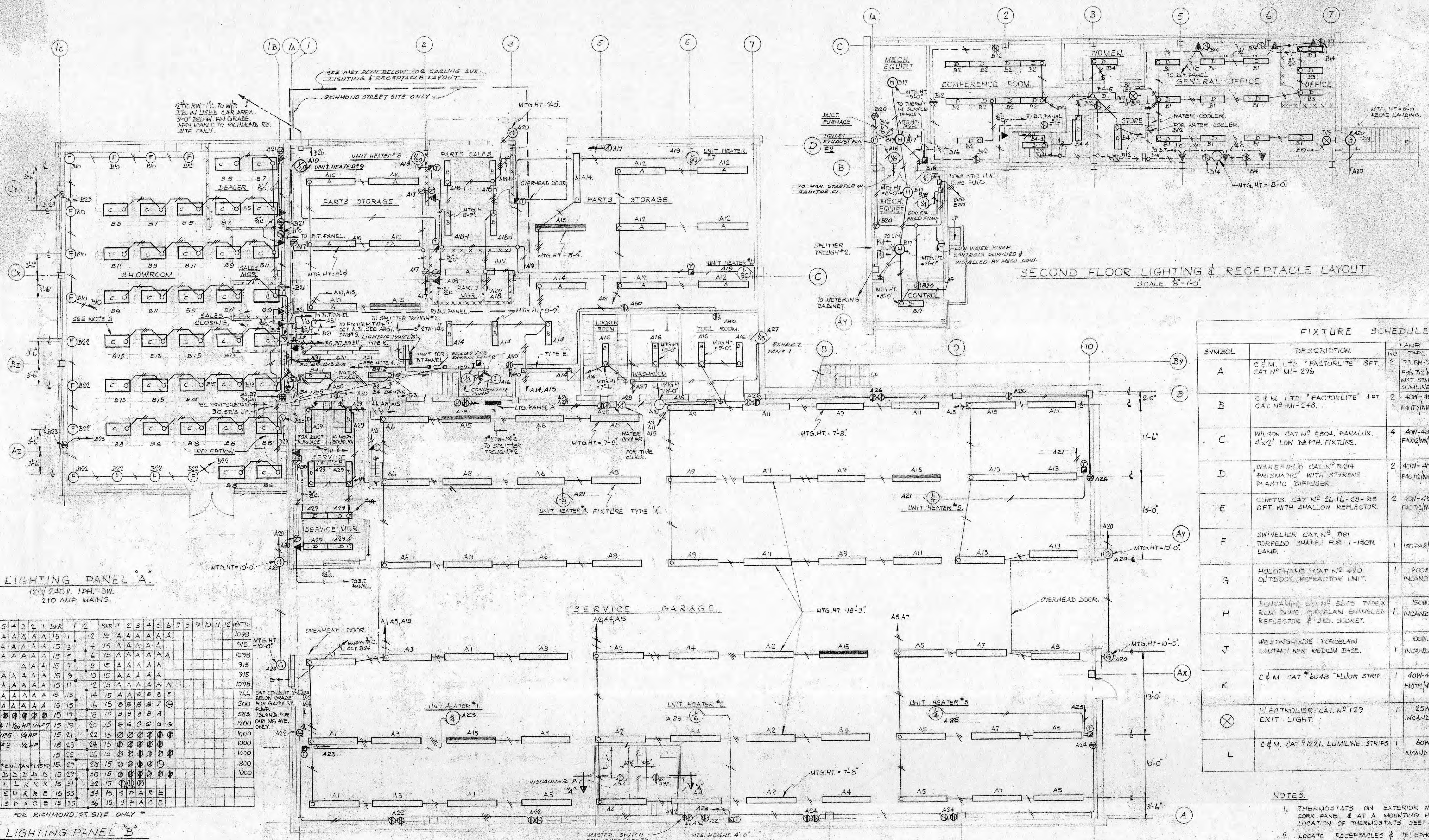


TYPICAL SCHEMATIC DIAGRAM  
FOR OVERHEAD DOORS

FIRST FLOOR POWER LAYOUT.  
SCALE: 1/8" = 1'-0"

|                   |                                               |                            |                 |             |
|-------------------|-----------------------------------------------|----------------------------|-----------------|-------------|
|                   | CLIENT<br>CHRYSLER CORPORATION OF CANADA      |                            |                 |             |
|                   | JOB TITLE<br>SALES & SERVICE CENTRES          |                            |                 |             |
|                   | SHEET TITLE<br>POWER LAYOUT                   |                            |                 |             |
|                   | GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                            |                 |             |
| TORONTO, ONT.     |                                               | WINDSOR, ONT.              |                 |             |
| DRAWN<br>J.G.B.P. | DATE<br>OCT. 15/59                            | PROJECT CHIEF<br>A. PERRIN | JOB<br>C 59-27B |             |
| CHECKED<br>F.W.B. | DATE<br>OCT. 5/59                             | IN CHARGE                  | SHEET<br>EL 2   |             |
| DESIGNED<br>V.T.  | DATE<br>SEPT. 16/59                           | DATE                       | FILE # 64       |             |
| APPROVED          | DATE                                          | BY                         | REVISION        |             |
| NOV. 11/59        |                                               | REVISION WITH BULLETIN #4  |                 | VT. #4      |
| OCT. 15/59        |                                               | REVISION WITH BULLETIN #3  |                 | J.G.B.P. #3 |
| OCT. 5/59         |                                               | REVISION WITH BULLETIN #1  |                 | J.G.B.P. #1 |
| SEPT. 21/59       |                                               | CONSTRUCTION               |                 |             |
| SEPT. 6/59        |                                               | BUILDING PERMIT            |                 |             |
| SEPT. 16/59       |                                               | SUB-TRADE TENDERS          |                 |             |





**LIGHTING PANEL A**  
120/240V. 1PH. 3W.  
210 AMP. MAINS.

| WATTS | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | BKR | 1 | 2 | BKR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | WATTS |
|-------|----|----|----|---|---|---|---|---|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|---|----|----|----|-------|
| 915   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 915   |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 549   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 549   |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 915   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 915   |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 1098  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1098  |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 115   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 115   |
| 280   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 280   |
| 310   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 310   |
| 185   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 185   |
| 235   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 235   |
| 800   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 800   |
| 390   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 390   |

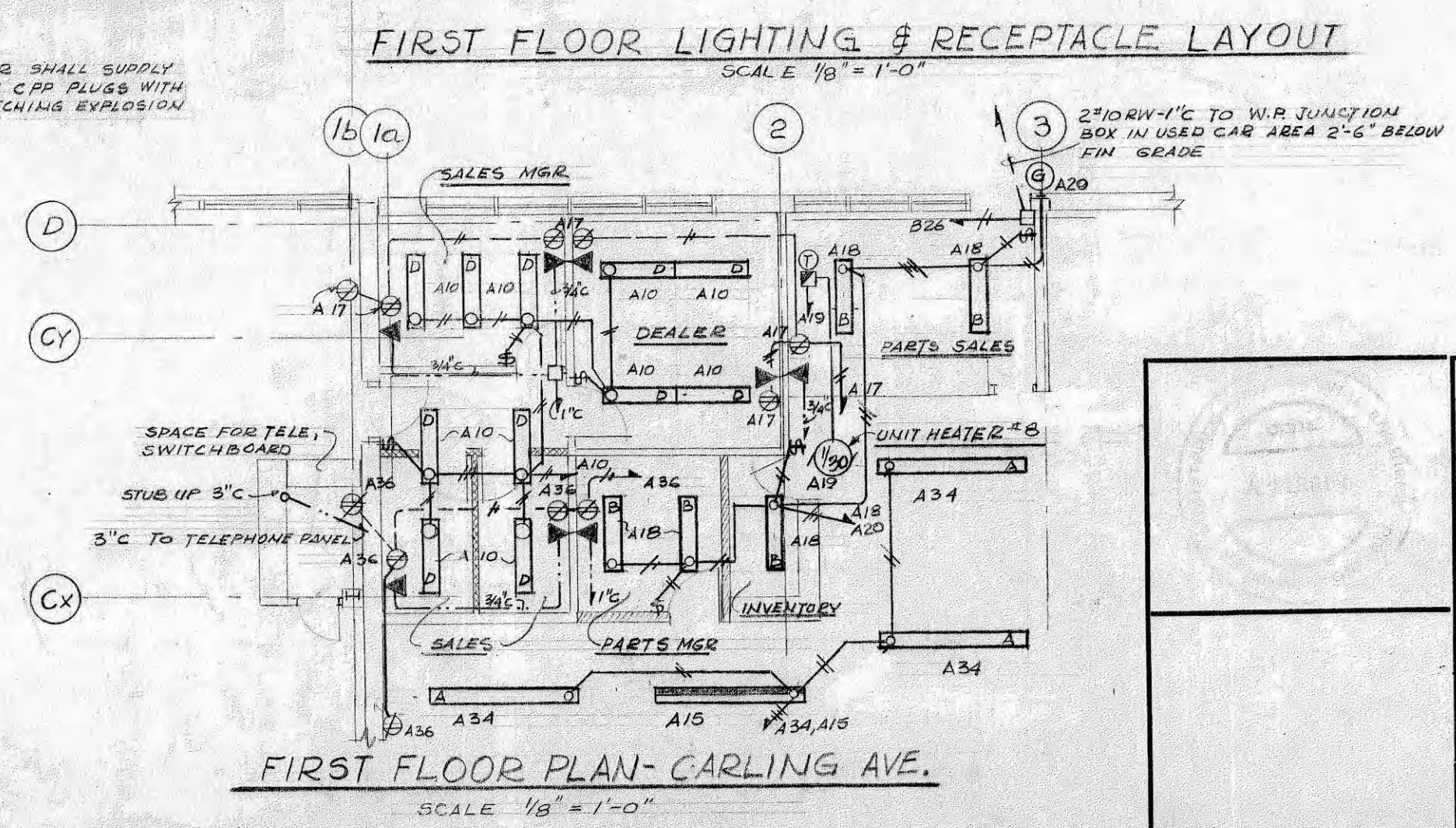
**LIGHTING PANEL B**  
120/240V. 1PH. 3W.  
210 AMP. MAINS.

| WATTS | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | BKR | 1 | 2 | BKR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | WATTS |
|-------|----|----|----|---|---|---|---|---|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|---|----|----|----|-------|
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 300   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 300   |
| 800   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 800   |
| 600   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 600   |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 700   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 700   |
| 50    |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 50    |
| 1000  |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 1000  |
| 600   |    |    |    |   |   |   |   |   |   |   |   |   |     | 1 | 2 | 15  |   |   |   |   |   |   |   |   |   |    |    |    | 600   |

\* ADJUST CIRCUITING FOR CARLING STREET SITE, AS SHOWN ON CARLING STREET PART PLAN

| FIXTURE SCHEDULE |                                                                                   |                                                              |                                          |                               |                   |  |
|------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|-------------------------------|-------------------|--|
| SYMBOL           | DESCRIPTION                                                                       | LAMP TYPE                                                    | BALLAST                                  | MOUNTING                      | MTG. HEIGHT       |  |
| A                | C.E.M. LTD. "FACTORLITE" 8FT. CAT. NO. MI-296                                     | 75.5W-96" FS6 T12/IN. INST. START. SMDLUM. G.E. CAT. N16A296 | H.P.F.-60W. 115V. 425MA. SOUND RATING 25 | PENDENT ROD SUSPENSION        | SEE DWG.          |  |
| B                | C.E.M. LTD. "FACTORLITE" 4FT. CAT. NO. MI-248                                     | 40W-48" F40T12/IN. INST. START. SMDLUM. G.E. CAT. N16A248    | H.P.F.-60W. 115V. 425MA. SOUND RATING 25 | DITTO                         | SEE DWG.          |  |
| C                | WILSON CAT. NO. F504, PARALUX. 4X2' LOW DEPTH FIXTURE                             | 40W-48" F40T12/IN. INST. START. SMDLUM. G.E. CAT. N16A248    | DITTO                                    | CEILING                       |                   |  |
| D                | WAKEFIELD CAT. NO. R24, PRISMATIC WITH STYRENE PLASTIC DIFFUSER                   | 40W-48" F40T12/IN. INST. START. SMDLUM. G.E. CAT. N16A248    | DITTO                                    | CEILING                       |                   |  |
| E                | CURTIS CAT. NO. 2646-CB-R3 8FT. WITH SHALLOW REFLECTOR                            | 40W-48" F40T12/IN. INST. START. SMDLUM. G.E. CAT. N16A248    | DITTO                                    | CEILING                       |                   |  |
| F                | SWINELLER CAT. NO. B81 TORPEDO SHADE FOR 1-150W. LAMP                             | 150 PAR/SP                                                   |                                          | CEILING                       |                   |  |
| G                | HOLDFRAME CAT. NO. 420 OUTDOOR REFRACTOR UNIT                                     | 200W INCAND. IF                                              |                                          | WALL                          | SEE DWG.          |  |
| H                | BENJAMIN CAT. NO. 5443 TYPE X RLM DOME PORCELAIN ENAMELED REFLECTOR & STD. SOCKET | 150W INCAND. IF                                              |                                          | PENDENT ROD SUSPENSION        | SEE DWG.          |  |
| J                | WESTINGHOUSE PORCELAIN LUMPHOLDER MEDIUM BASE                                     | 100W INCAND. IF                                              |                                          | WALL                          |                   |  |
| K                | C.E.M. CAT. NO. 6048 FLUOR STRIP                                                  | 40W-48" F40T12/IN. INST. START. SMDLUM. G.E. CAT. N16A248    | H.P.F.-60W. 115V. 425MA. SOUND RATING 25 | SURFACE MOUNTED ABOVE COUNTER | SEE ARCH. DWG. #9 |  |
| ⊗                | ELECTROLIER CAT. NO. 129 EXIT LIGHT                                               | 25W INCAND. IF                                               |                                          | WALL                          | 8'-0"             |  |
| L                | C.E.M. CAT. NO. 1221 LUMILINE STRIPS                                              | 60W INCAND. IF                                               |                                          | IN COUNTER                    | SEE ARCH. DWG. #9 |  |

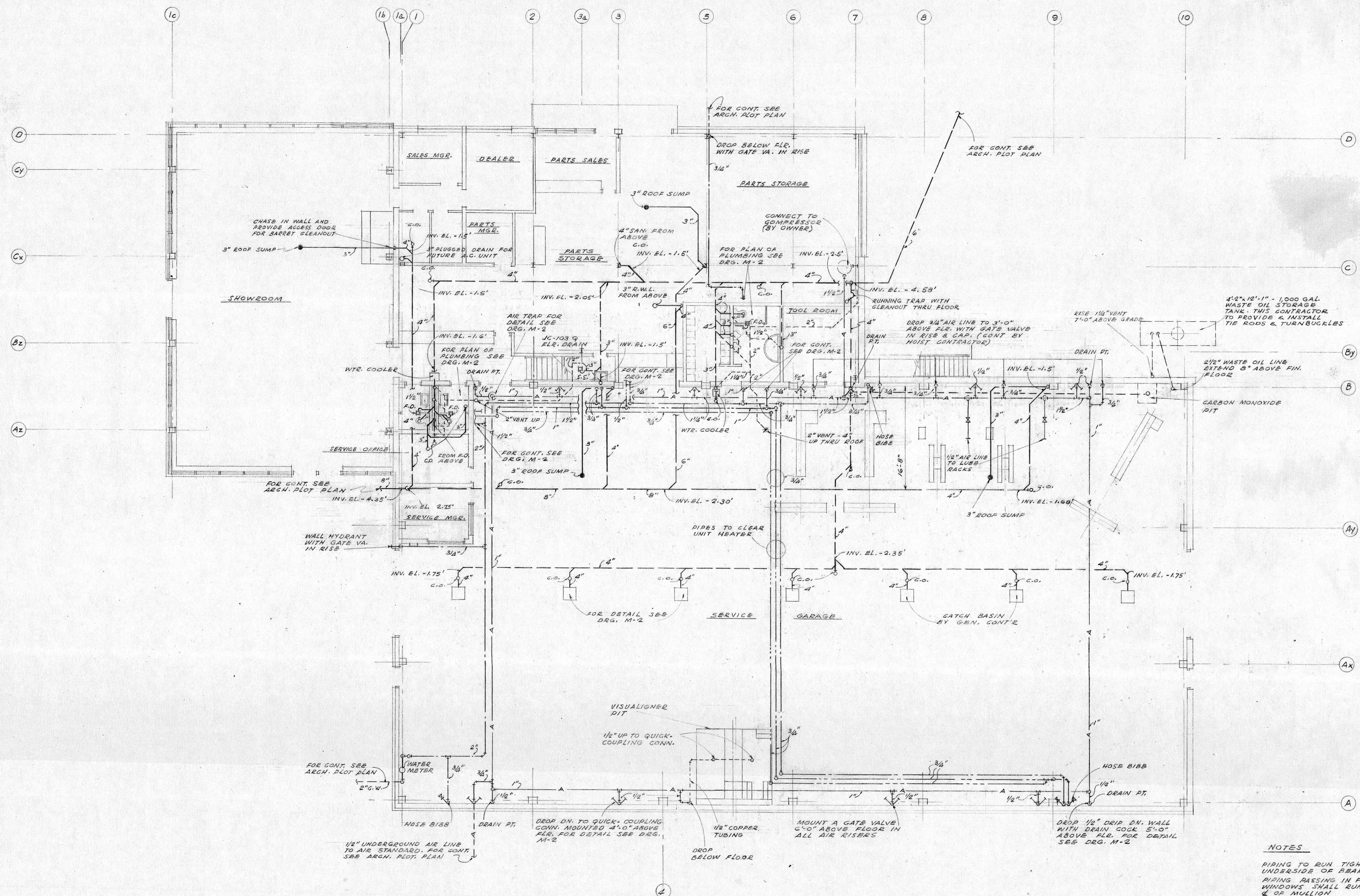
- NOTES:**
1. THERMOSTATS ON EXTERIOR WALLS TO BE MOUNTED ON A CORK PANEL & AT A MOUNTING HEIGHT OF 5'-6" FOR EXACT LOCATION OF THERMOSTATS SEE MECHANICAL DWGS.
  2. LOCATE RECEPTACLES & TELEPHONE OUTLETS IN GENERAL OFFICE, AND OFFICES IN SHOWROOM AREA TO SUIT DESK LAYOUT.
  3. ALL RECEPTACLES IN SERVICE & PARTS STORAGE AREAS TO BE MOUNTED 48" ABOVE FIN. FLOOR.
  4. EXTEND 3" FIBRE DUCT FROM BELL TELEPHONE CABINET TO PROPERTY LINE. SEE PLOT PLAN.
  5. LIGHTING FIXTURES IN SHOWROOM AREA TO BE SUPPORTED FROM RUNNER CHANNELS BY ELECTRICAL CONTRACTOR. SUPPORTING MEMBERS WILL BE SUPPLIED & INSTALLED BY PLASTERING & LATHING CONTRACTOR.



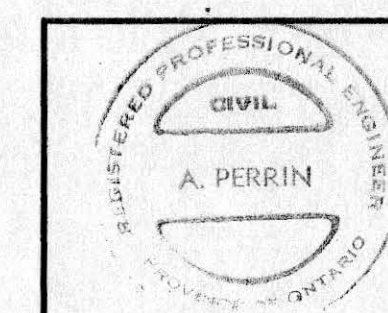
**FIRST FLOOR PLAN-CARLING AVE.**  
SCALE 1/8" = 1'-0"

|  |  |  |  |  |  |  |                                                                    |
|--|--|--|--|--|--|--|--------------------------------------------------------------------|
|  |  |  |  |  |  |  | CLIENT<br>CHRYSLER CORPORATION OF CANADA                           |
|  |  |  |  |  |  |  | JOB TITLE<br>SALES & SERVICE CENTRES                               |
|  |  |  |  |  |  |  | SHEET TITLE<br>LIGHTING & RECEPTACLE LAYOUT                        |
|  |  |  |  |  |  |  | GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS<br><br>TORONTO, ONT. |

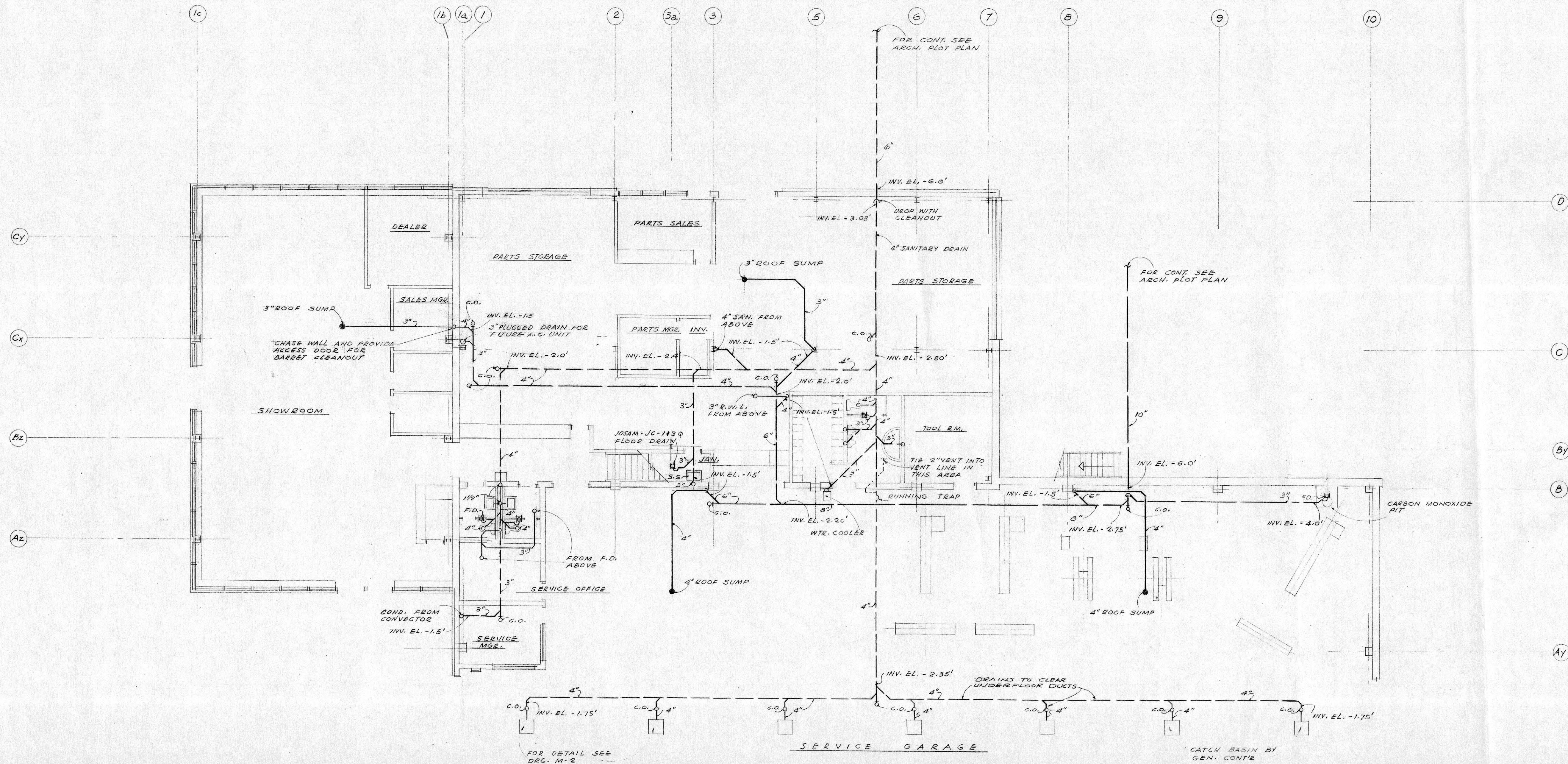




FIRST FLOOR PLAN  
SCALE - 1/8" = 1'-0"  
FIN. FLOOR EL. 00'  
CARLING AVE. SITE

[illegible]





PART FLOOR PLAN

SCALE - 1/8" = 1'-0"

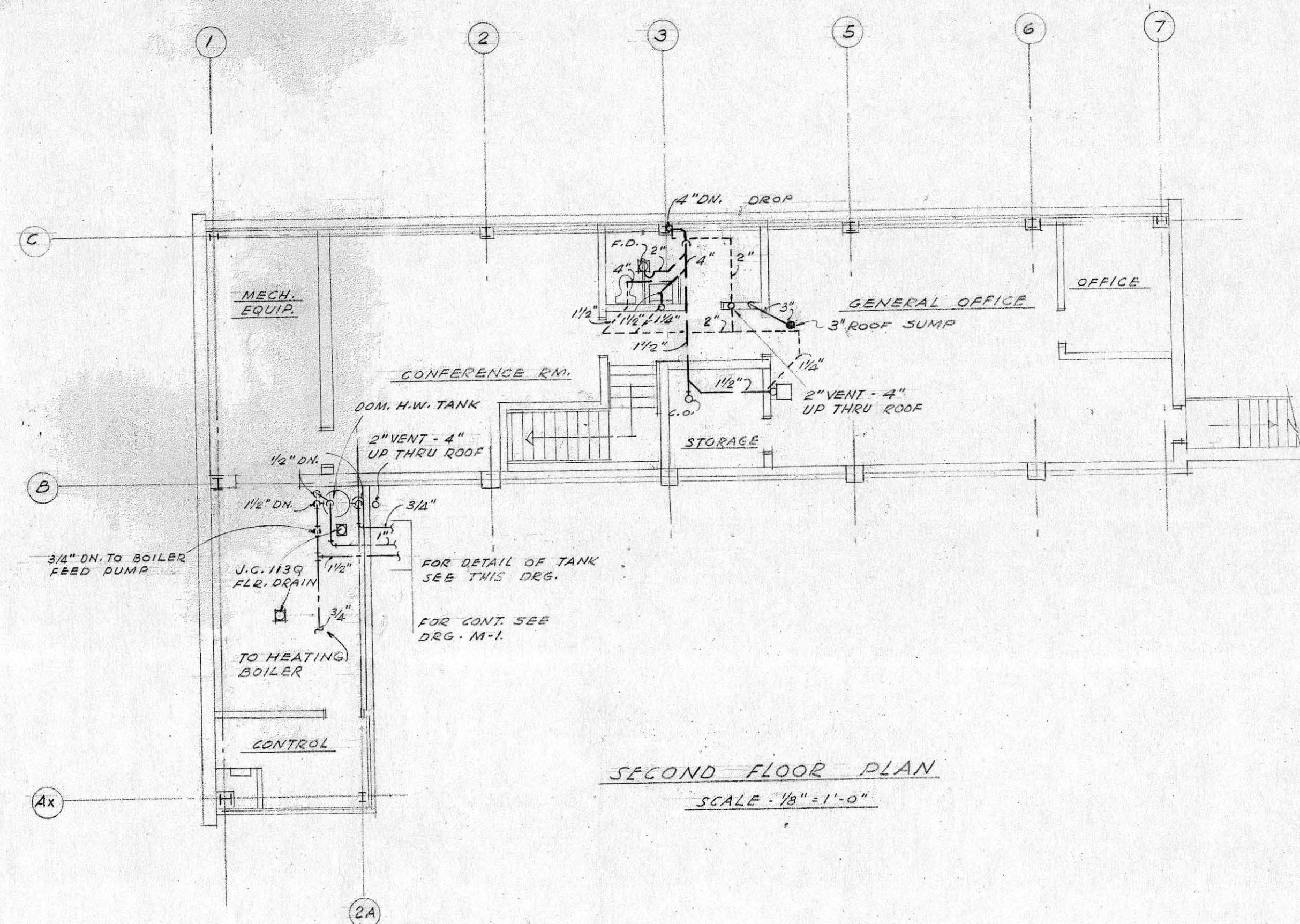
RICHMOND RD. SITE

FOR PLAN OF PLUMBING - 2ND  
FLOOR DRAINAGE - AIR & VENT  
PIPING SEE DES. M-1 & M-2

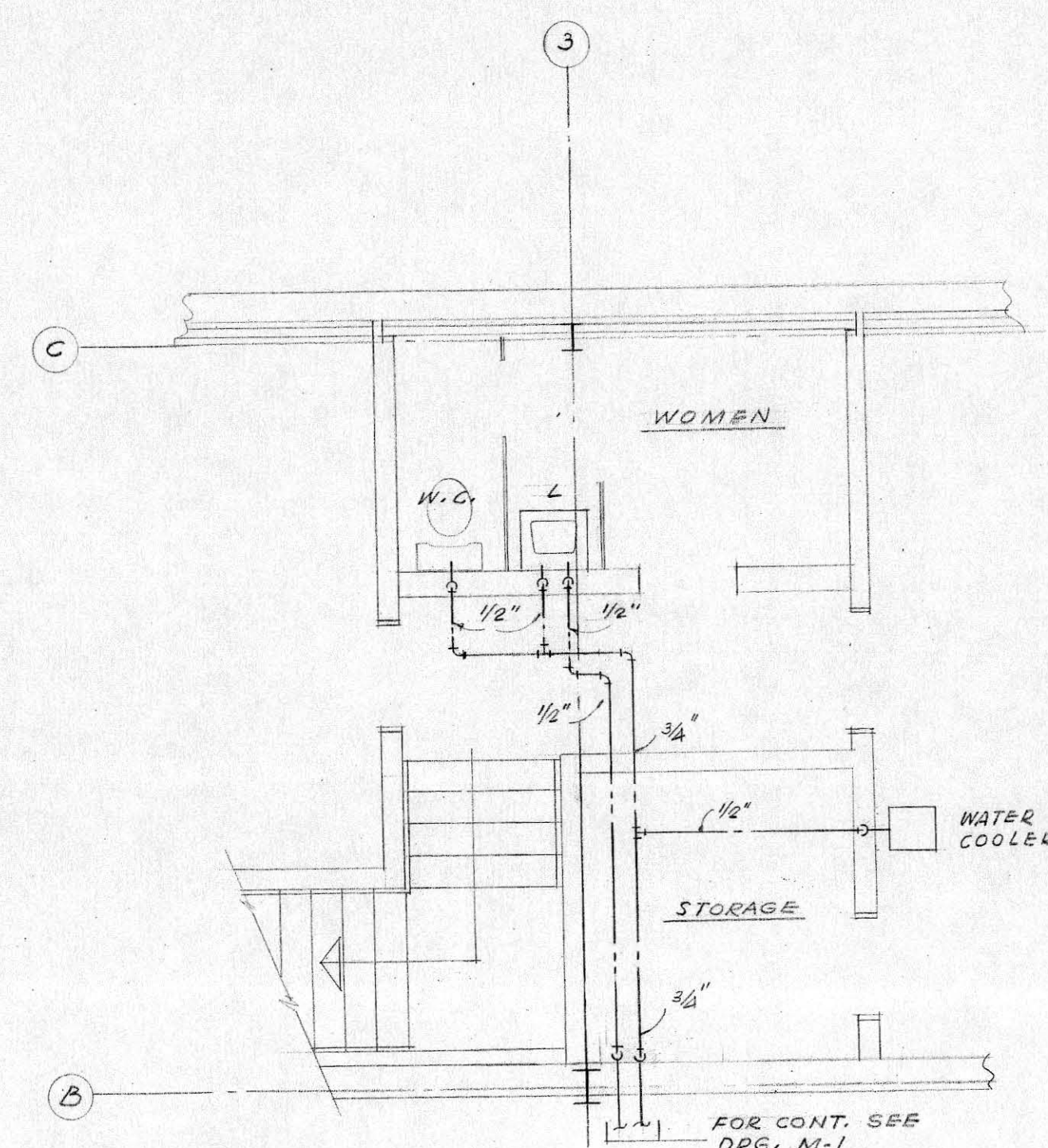
FIN. FLOOR EL. 00'

|  |  |                                    |  |            |                  |                                               |  |             |               |                     |
|--|--|------------------------------------|--|------------|------------------|-----------------------------------------------|--|-------------|---------------|---------------------|
|  |  | SANITARY DRAIN                     |  |            |                  | CLIENT<br>CHRYSLER CORPORATION OF CANADA      |  |             |               |                     |
|  |  | INCREASED TO 6"                    |  |            |                  | JOB TITLE                                     |  |             |               |                     |
|  |  | NO WASTE OIL TANK                  |  |            |                  | SALES & SERVICE CENTRES                       |  |             |               |                     |
|  |  | NO OTHER CHANGES                   |  |            |                  | SHEET TITLE                                   |  |             |               |                     |
|  |  |                                    |  |            |                  | STORM & SANITARY DRAIN<br>PART PLAN           |  |             |               |                     |
|  |  |                                    |  |            |                  | GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |  |             |               |                     |
|  |  |                                    |  |            |                  | TORONTO                                       |  | SARNIA      | WINDSOR       |                     |
|  |  | JULY 5-60 REVISIONS - AS BUILT     |  | 7/5/60     | J.I.C.           | DRAWN                                         |  | DATE        | PROJECT CHIEF | JOB<br><br>C-59-27B |
|  |  | 10/16/59 BULLETIN NO 3             |  | 10/16/59   | A.G.             | A. G.                                         |  |             | A. PERRIN     |                     |
|  |  |                                    |  | 9 OCT 59   | K.S.             | CHECKED                                       |  |             | IN CHARGE     | SHEET<br><br>M - 1A |
|  |  | 9 OCT 59 CONSTRUCTION WITH BULL #4 |  |            |                  | K. S.                                         |  |             | A. MASON      |                     |
|  |  |                                    |  |            |                  | DESIGNED                                      |  | DATE        |               |                     |
|  |  |                                    |  |            | DATE BY BULLETIN | A. G.                                         |  |             |               |                     |
|  |  | DATE                               |  | ISSUED FOR |                  | APPROVED                                      |  | JOB CAPTAIN |               |                     |
|  |  |                                    |  |            |                  |                                               |  | K. SHARPLES |               |                     |
|  |  |                                    |  |            |                  |                                               |  |             |               |                     |
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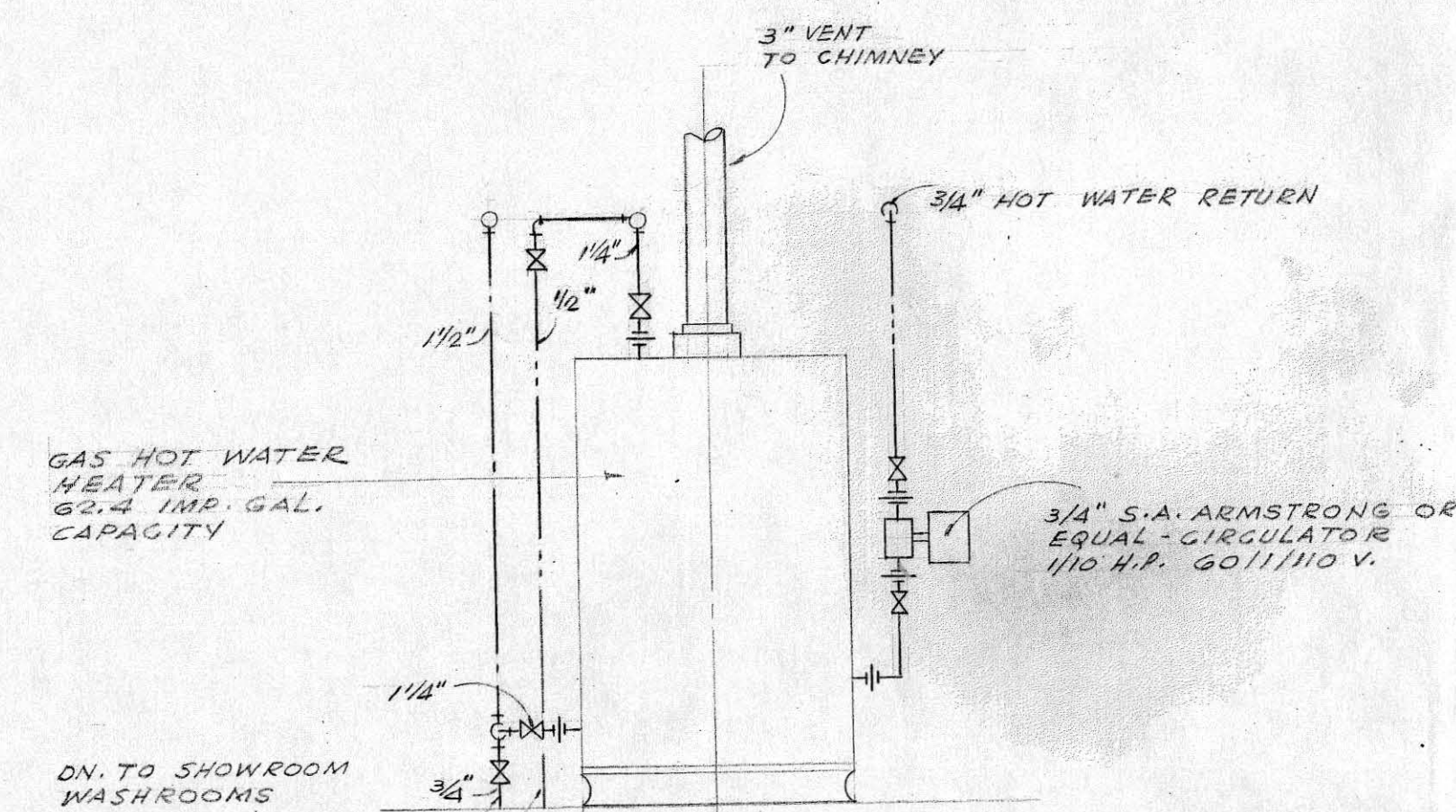




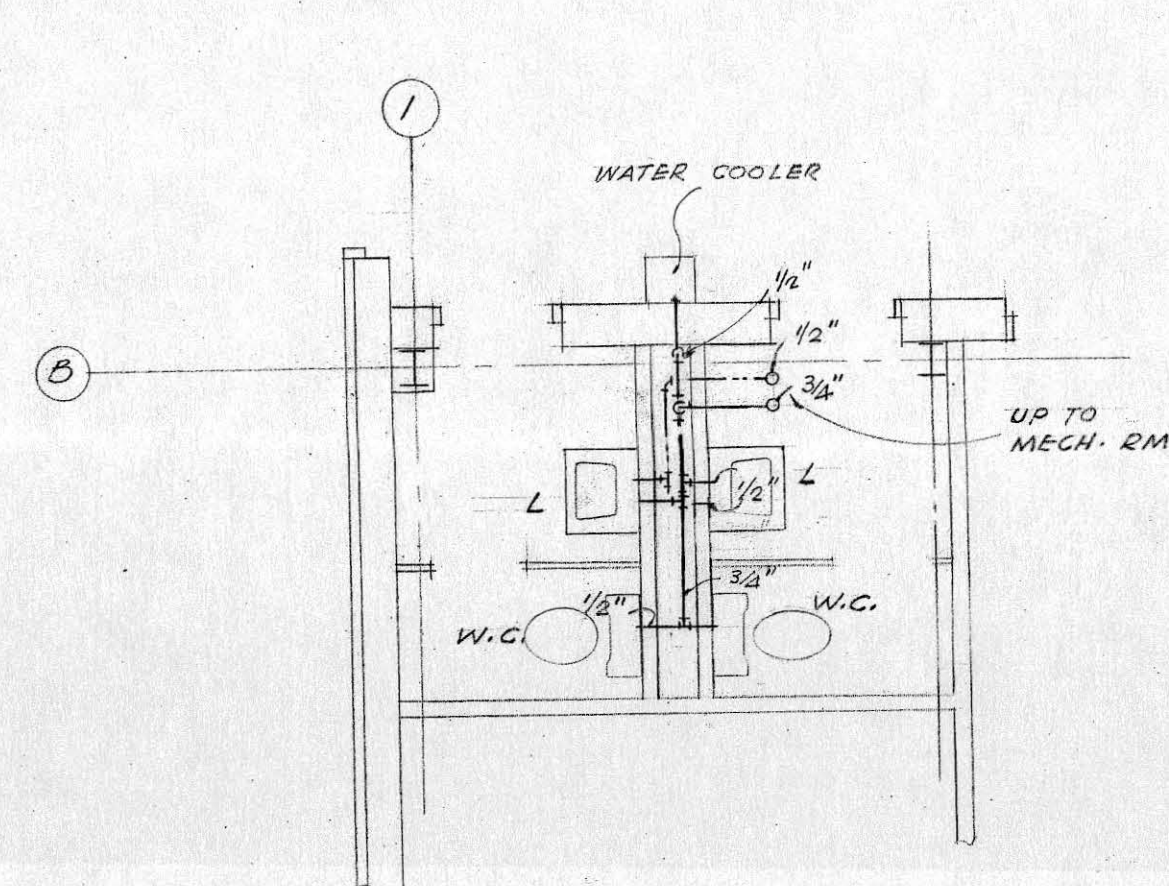
SECOND FLOOR PLAN  
SCALE - 1/8" = 1'-0"



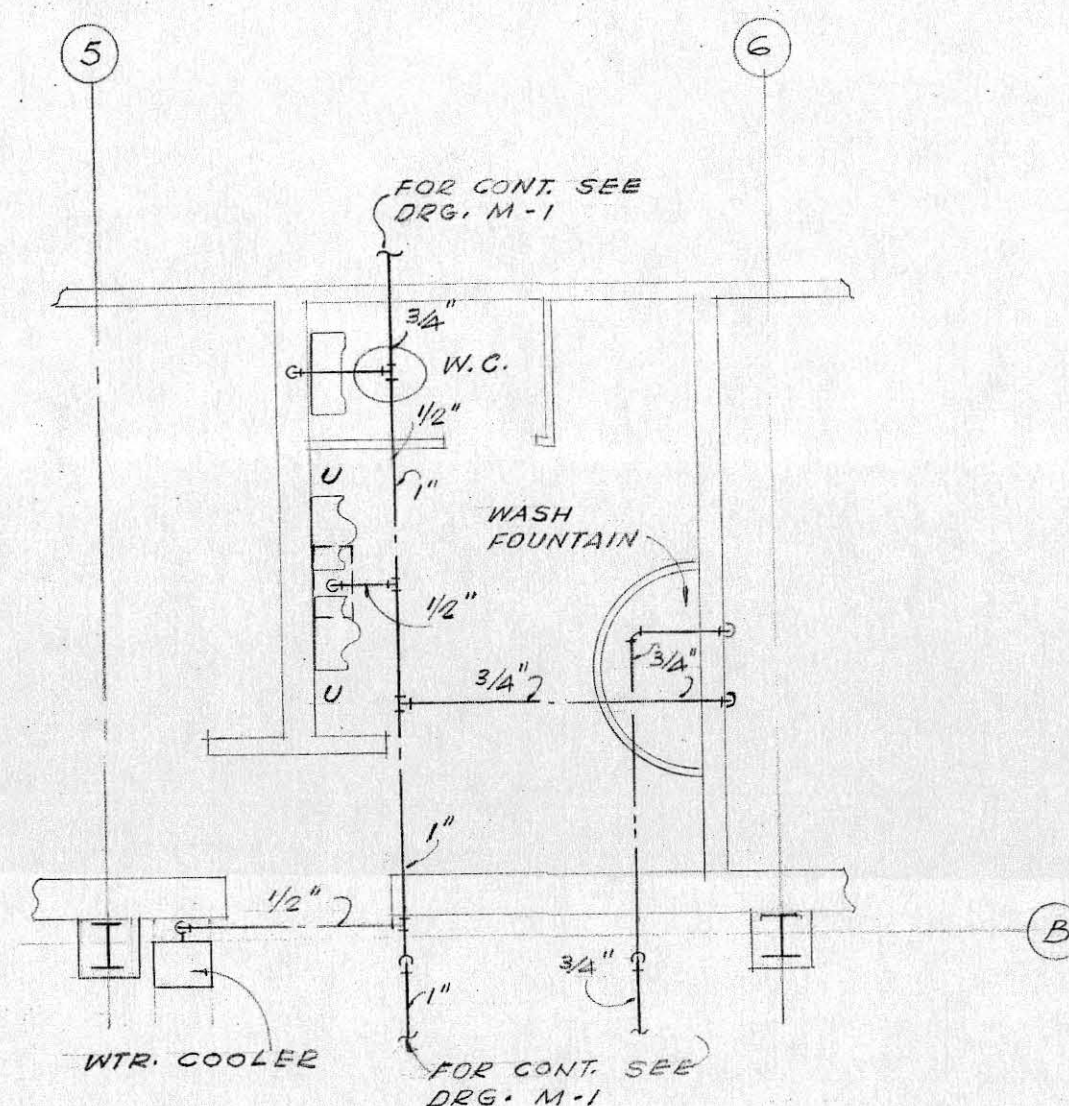
PART 2ND FLOOR PLAN  
SCALE - 1/4" = 1'-0"



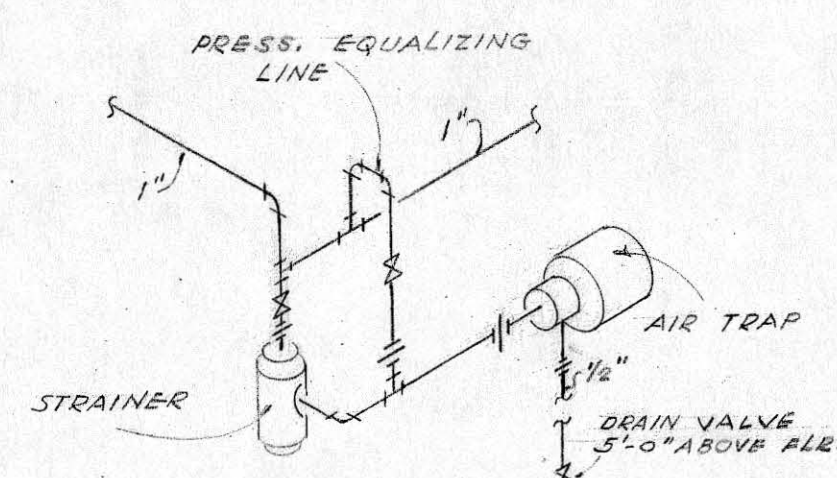
DETAIL OF CONNECTIONS TO  
GAS FIRED HOT WATER HEATER  
N.T.S.



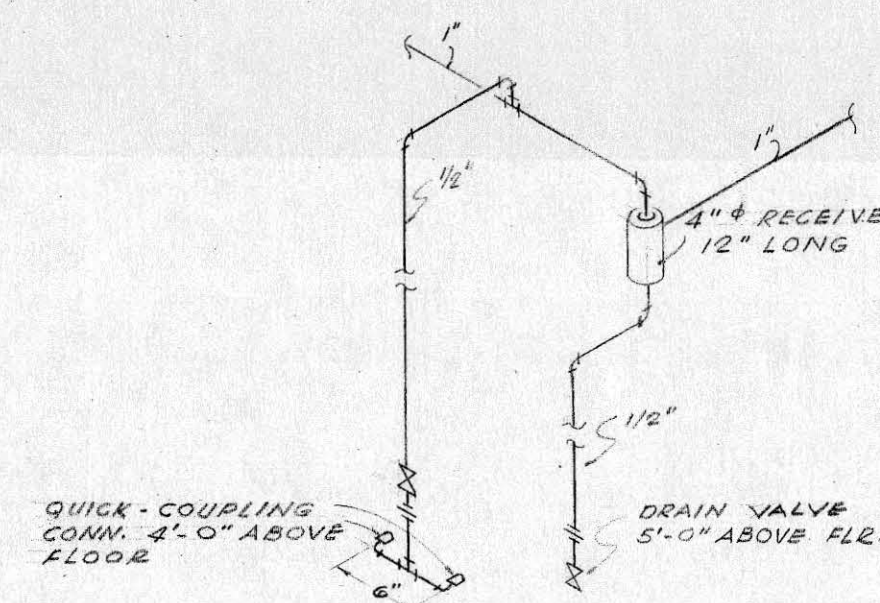
PLAN OF  
SHOWROOM WASHROOMS  
SCALE - 1/4" = 1'-0"



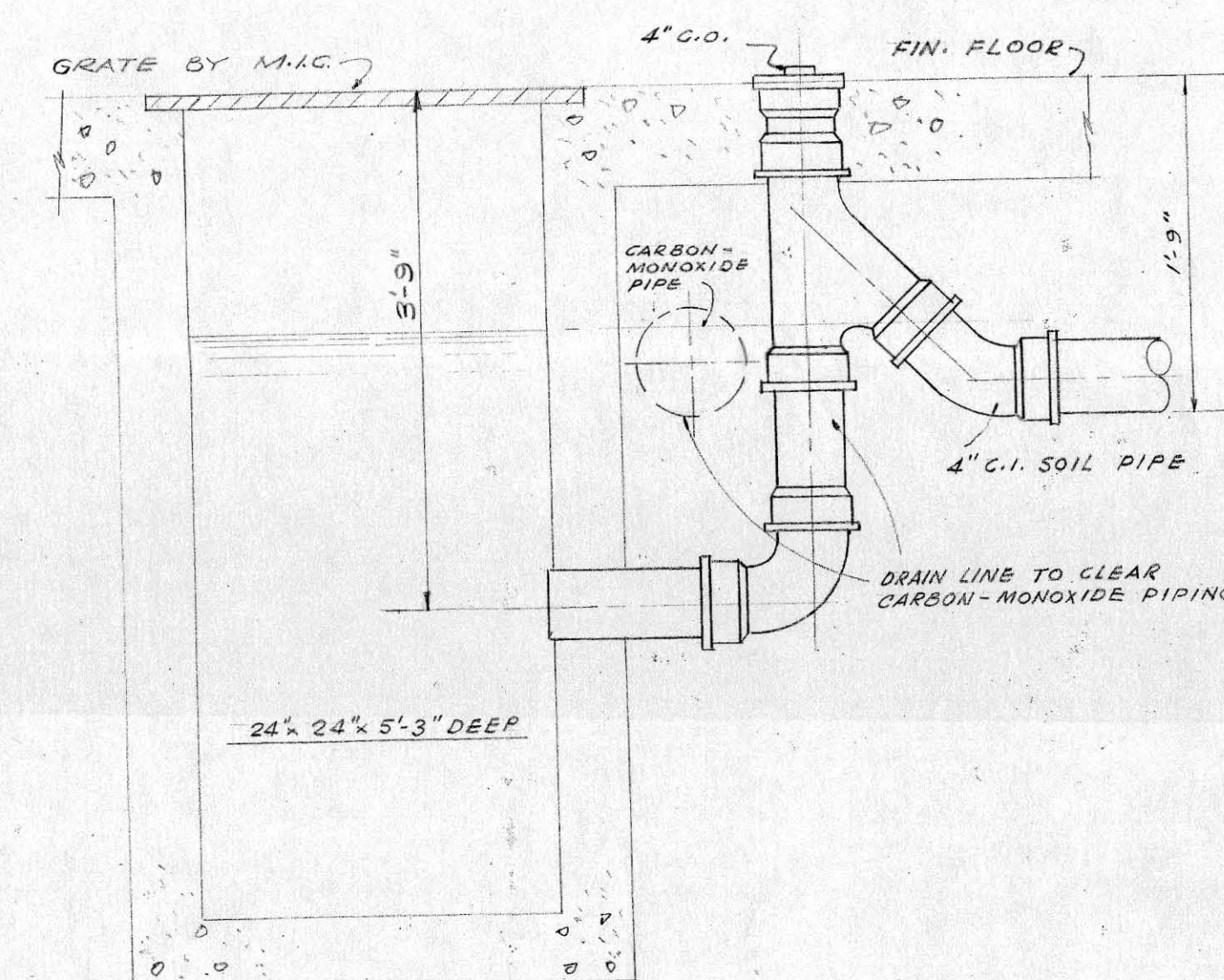
PART PLAN OF  
GARAGE WASHROOM  
SCALE - 1/4" = 1'-0"



ISOMETRIC OF  
AIR TRAP CONNECTIONS  
N.T.S.



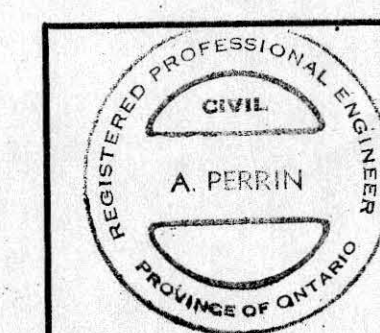
DETAIL OF  
TYPICAL AIR CONNECTION  
AND DRAIN POINT  
N.T.S.



DETAIL OF CATCH BASINS  
IN SERVICE GARAGE  
N.T.S.

LEGEND

- STORM DRAIN
- SANITARY DRAIN
- COLD WATER LINE
- HOT WATER LINE
- HOT WATER RETURN
- COMPRESSED AIR LINE
- VENT LINE
- F.D. FLOOR DRAIN
- C.O. CLEAN OUT
- G.V. GATE VALVE
- U. UNION
- L. LAVATORY
- W.C. WATER CLOSET
- U. URINAL
- S.S. SLOP SINK
- R.W.L. RAIN WATER LEADER



|            |                   |          |             |
|------------|-------------------|----------|-------------|
| NO CHANGES |                   |          |             |
| 10/16/59   | BULLETIN No. 3    | 10/16/59 | A.G. No. 3  |
| 10/5/59    | BULLETIN No. 1    |          |             |
| 9/21/59    | CONSTRUCTION      | 10/      |             |
| 9/20/59    | BUILDING PERMIT   | 10/5/59  | A.G. No. 1  |
| 9/15/59    | SUB-TRADE TENDERS | DATE     | BY BULLETIN |
| DATE       | ISSUED FOR        | REVISION |             |

|                                                            |                 |                            |                |
|------------------------------------------------------------|-----------------|----------------------------|----------------|
| CLIENT<br>CHRYSLER CORPORATION OF CANADA                   |                 |                            |                |
| JOB TITLE<br>SALES & SERVICE CENTRES                       |                 |                            |                |
| SHEET TITLE<br>PLUMBING & DRAINAGE<br>FLOOR PLAN & DETAILS |                 |                            |                |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS              |                 |                            |                |
| TORONTO, ONT.                                              |                 | WINDSOR, ONT.              |                |
| DRAWN<br>A.G.                                              | DATE<br>8/29/59 | PROJECT CHIEF<br>A. PERRIN | JOB<br>C.5927B |
| CHECKED                                                    |                 | IN CHARGE<br>A. MASON      |                |
| DESIGNED                                                   |                 | DATE                       | SHEET<br>M2    |
| APPROVED                                                   |                 | JOB CAPTAIN<br>R. SHARPLES | FILE # 64      |



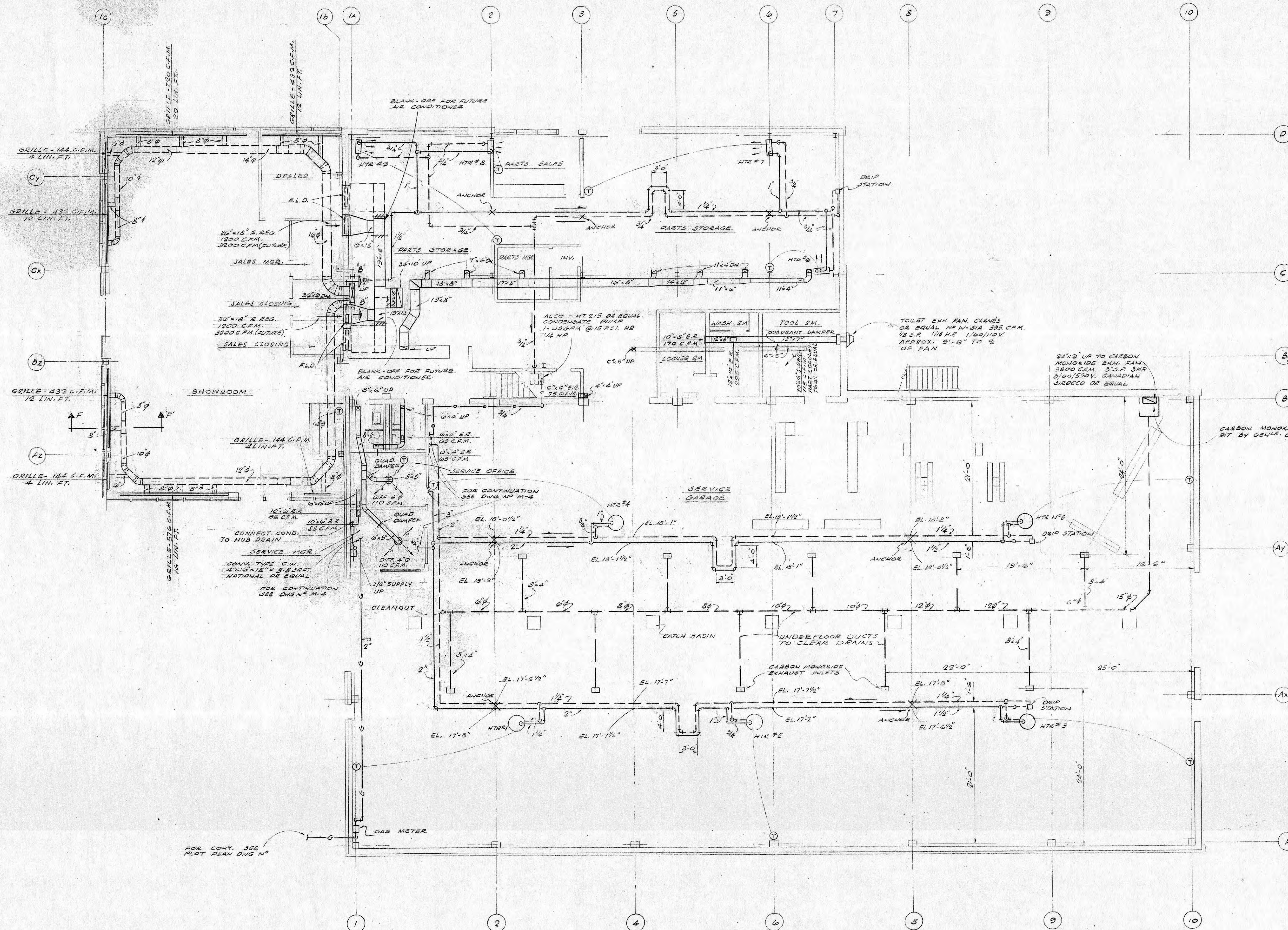
| HEATER NO. | UNIT    | HEATER | SCHEDULE  | REMARKS                  |
|------------|---------|--------|-----------|--------------------------|
| 1, 3, & 5  | 200,000 | 112    | 1/4 1140  | ADJUSTABLE CONE DIFFUSER |
| 2          | 121,000 | 120    | 1/8 860   | " " " "                  |
| 4          | 73,000  | 104    | 1/8 1725  | " " " "                  |
| 6          | 35,400  | 105    | 1/30 1310 | " " " "                  |
| 7          | 44,000  | 106.5  | 1/20 1000 | " " " "                  |
| 8          | 31,400  | 110    | 1/30 1050 | " " " "                  |
| 9          | 23,600  | 105.5  | 1/30 1050 | " " " "                  |

ABOVE HEATER ARE BASED ON 10" STEAM & 60% ENTERING AIR.

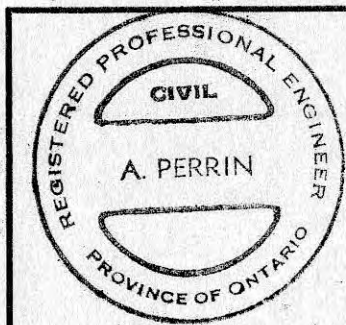
NOTE:  
SLOPE STEAM & COND. LINES 1" IN 20 FT. IN DIRECTION OF ARROWS.  
THERMOSTATS ON EXTERIOR WALLS TO BE MOUNTED ON 3" COCK.  
ALL REDUCTIONS IN LINES TO BE ECCENTRIC WITH INVERTS LEVEL.

#### LEGEND

|   |                          |
|---|--------------------------|
| — | STEAM SUPPLY             |
| — | CONDENSATE RETURN        |
| — | CONDENSATE RETURN (PUMP) |
| — | GAS LINE                 |
| — | FUSIBLE LINK DAMPER      |
| — | THERMOSTAT               |



FLOOR PLAN  
FIN. FLOOR EL. 0'-0"



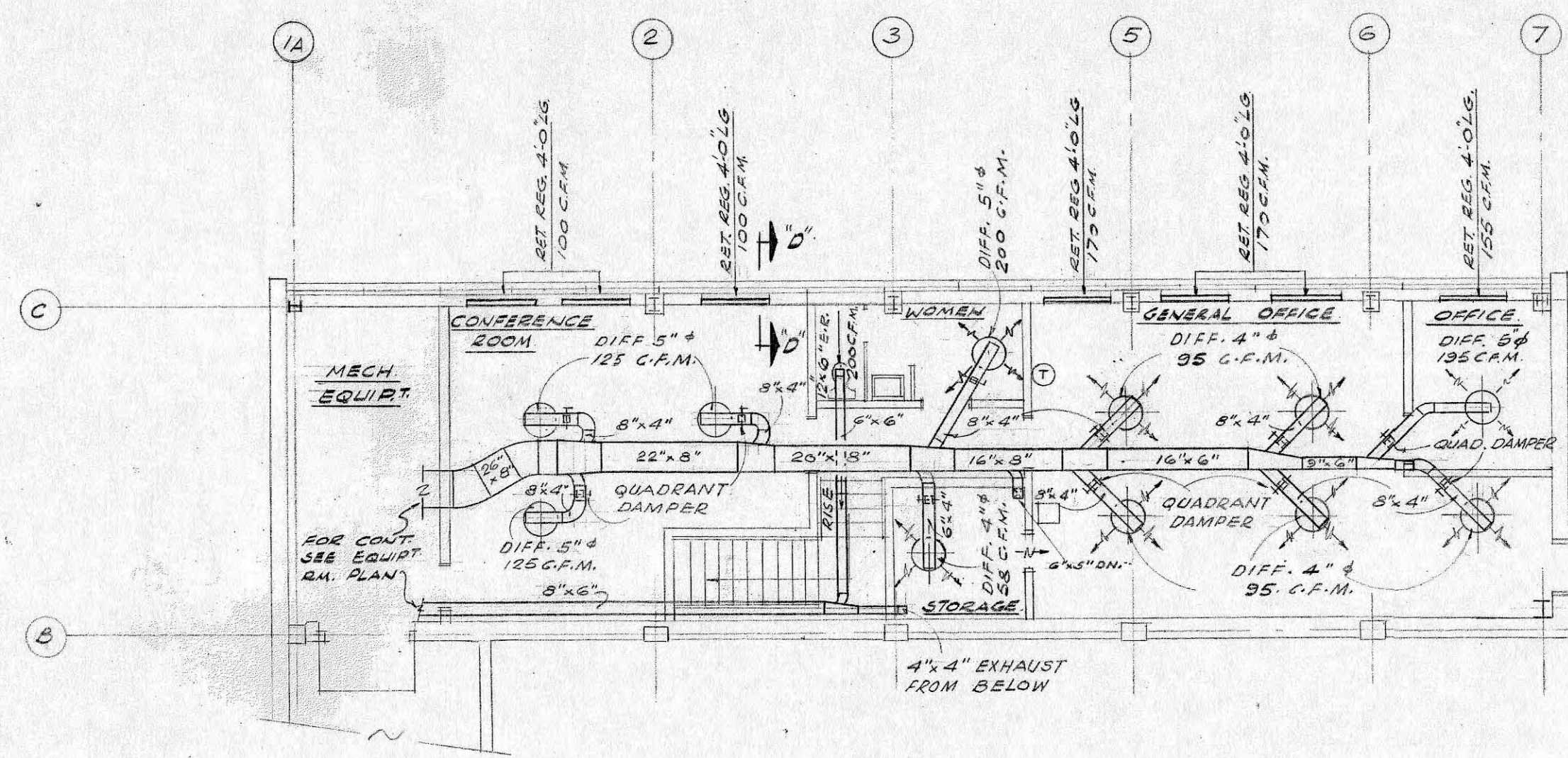
|            |                  |          |      |          |
|------------|------------------|----------|------|----------|
| 10/16/59   | BULLETIN No. 3   | 10/16/59 | A.G. | No. 3    |
| 10/5/59    | BULLETIN No. 1   |          |      |          |
| 9/21/59    | CONSTRUCTION     |          |      |          |
| 9/10/59    | BUILDING PERMIT  |          |      |          |
| 15 SEPT 59 | SUB-TRADE TENDER | 10/16/59 | A.G. | No. 1    |
| DATE       | ISSUED FOR       | DATE     | BY   | BULLETIN |
|            |                  |          |      | REVISION |

|                                               |                                     |               |          |
|-----------------------------------------------|-------------------------------------|---------------|----------|
| CLIENT                                        | CHRYSLER CORPORATION OF CANADA      |               |          |
| JOB TITLE                                     | SALES & SERVICE CENTRES             |               |          |
| SHEET TITLE                                   | HEATING & VENTILATING<br>FLOOR PLAN |               |          |
| GIFFELS & VALLET OF CANADA, LTD.<br>ENGINEERS |                                     |               |          |
| TORONTO, ONT.                                 |                                     | WINDSOR, ONT. |          |
| DRAWN                                         | DATE                                | PROJECT CHIEF | JOB      |
| J. C.                                         |                                     | A. PERRIN     | C-59-27B |
| CHECKED                                       |                                     | IN CHARGE     |          |
| K.S.                                          |                                     | A. MASON      |          |
| DESIGNED                                      | DATE                                |               | SHEET    |
| K.S.                                          |                                     |               | M-3      |
| APPROVED                                      | JOB CAPTAIN                         |               |          |
|                                               | K. SHARPLES                         |               |          |

L100

9-D-7  
FILE #64

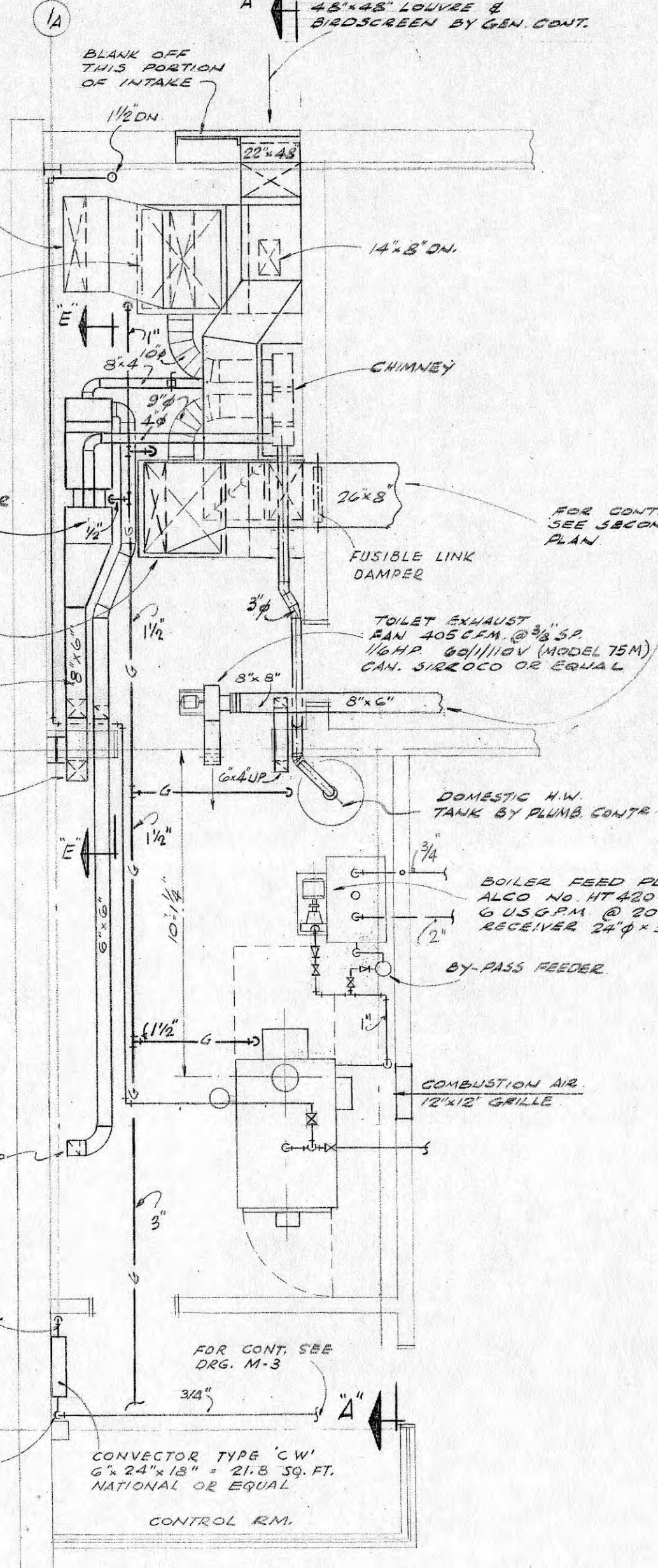




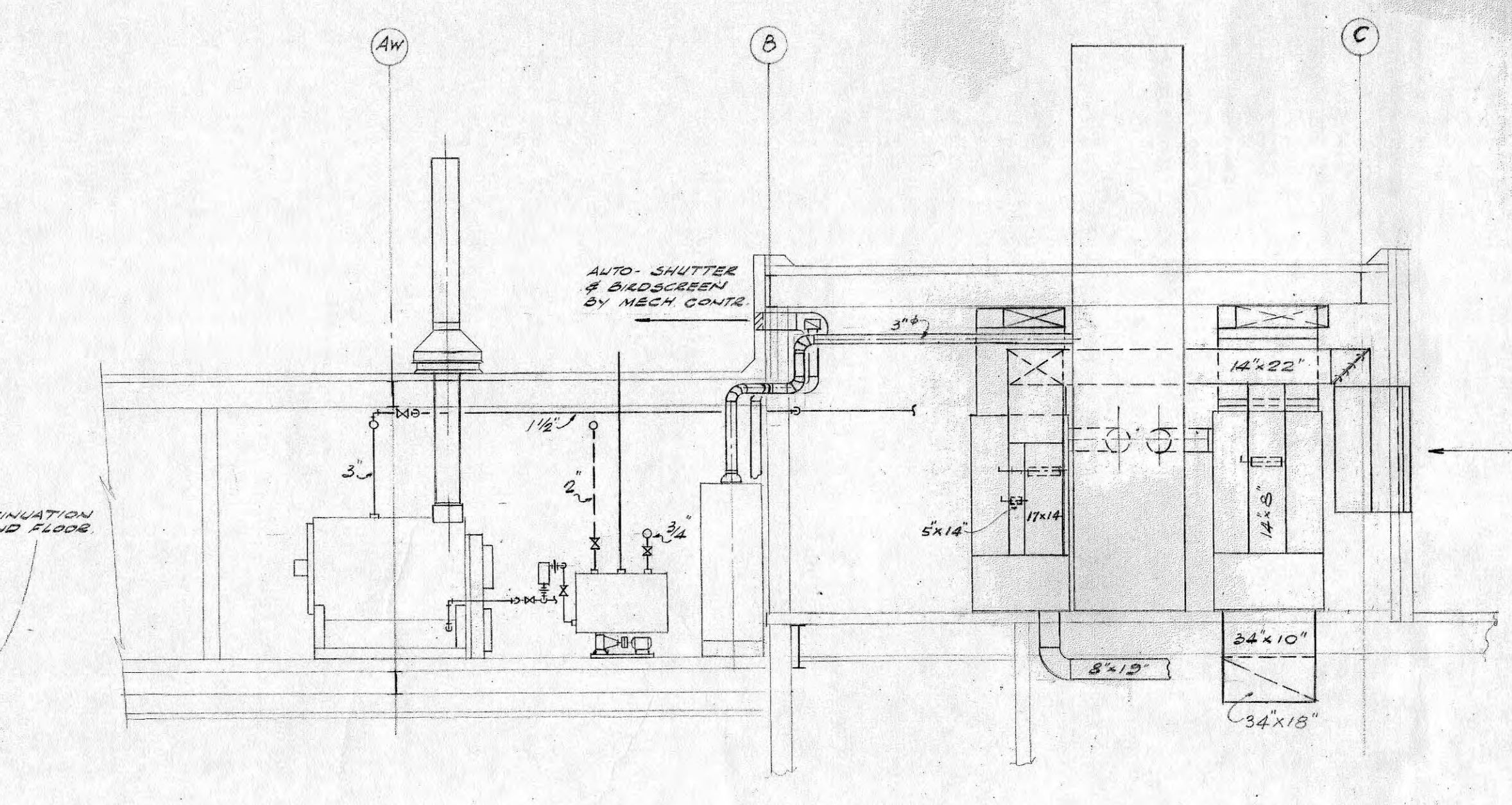
SECOND FLOOR PLAN  
SCALE 1/8"=1'-0"

SHOW RM. SUPPLY UNIT  
NATIONAL CHAMPION NO. U-250 OR  
EQUAL CAP. 2000 C.F.M. @ 1/2 S.P.  
1/2 H.P. 60/6/550 V. WITH APPROX.  
ENTERING AIR TEMP 52°F FINAL  
AIR TEMP APPROX 125°F

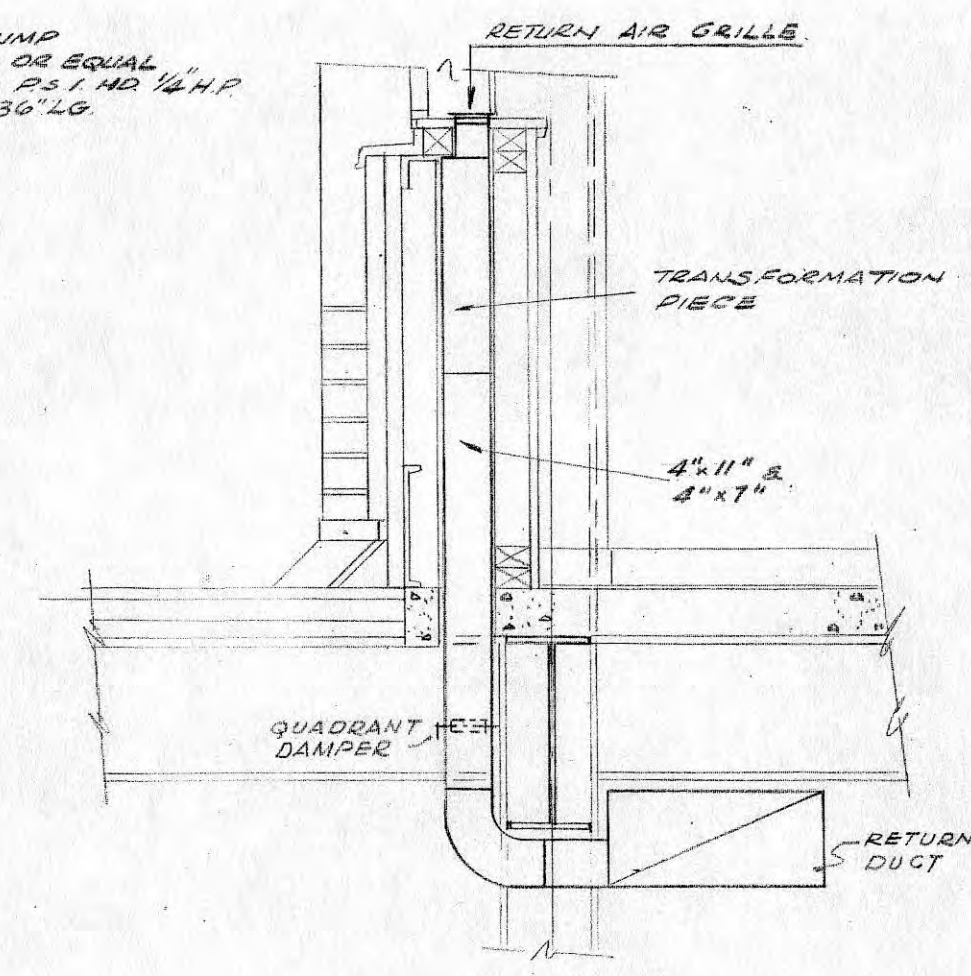
CARRIER MODEL NO. 46 T-250 OR EQUAL  
GAS FIRED WARM AIR DUCT FURNACE MOUNTED IN  
DUCT UNIT TO BE COMPLETE WITH GAS BURNER HEAT  
EXCHANGER, BACK DRAFT DIAPHRAGM, LIMIT CONTROLS  
& BURNER SAFETY CONTROLS  
BLOWER SHALL BE ENCLOSED TYPE WITH STANDARD  
8" BLOWER CONNECTED TO MOTOR WITH V-BELT  
DRIVE, CAN TO DELIVER 200 C.F.M. @ 1/2 S.P.  
1/2 H.P. 60/6/550 V. WITH APPROX. ENTERING AIR TEMP  
52°F FINAL AIR TEMP APPROX 125°F  
PROVIDE & INSTALL LOW LIMIT  
DUCT STAT. IN DISCHARGE  
DUCT SET AT 55°F



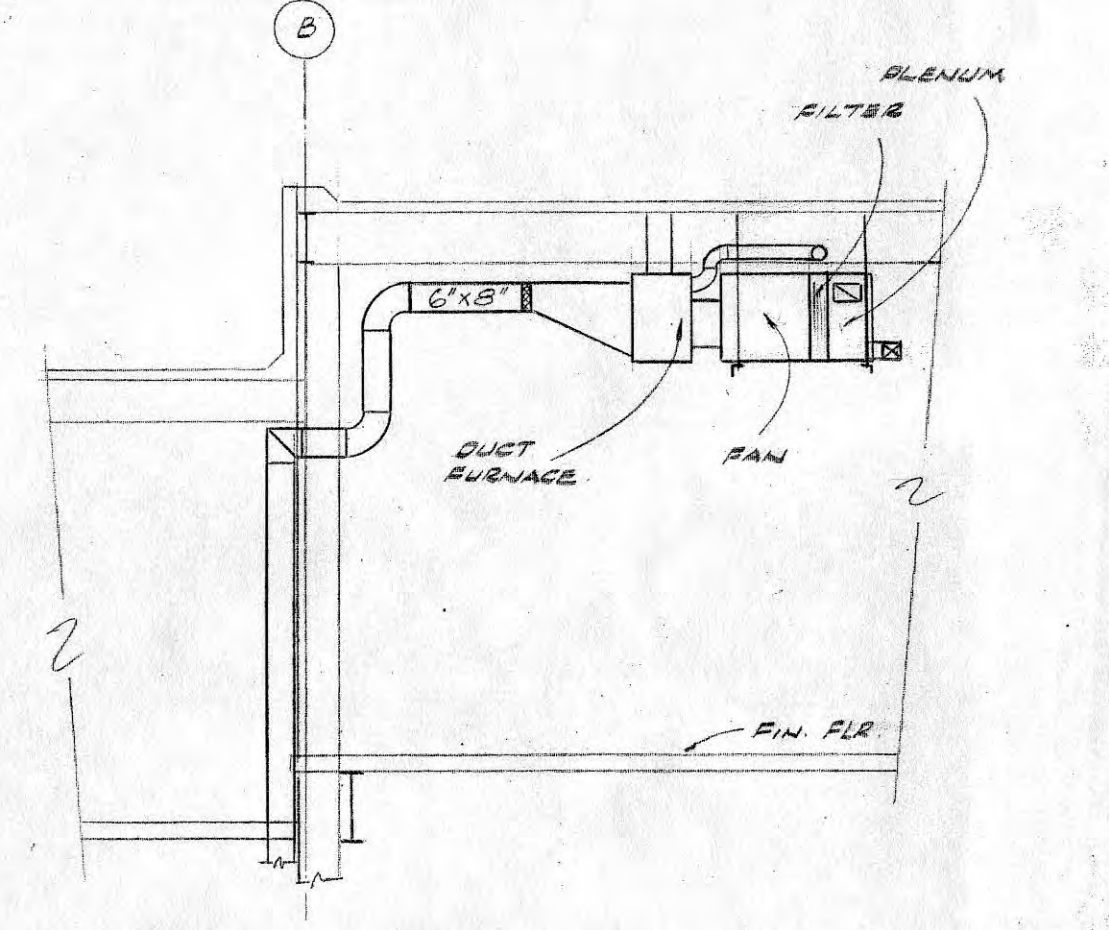
PLAN OF EQUIPMENT RM.  
SCALE 1/4"=1'-0"



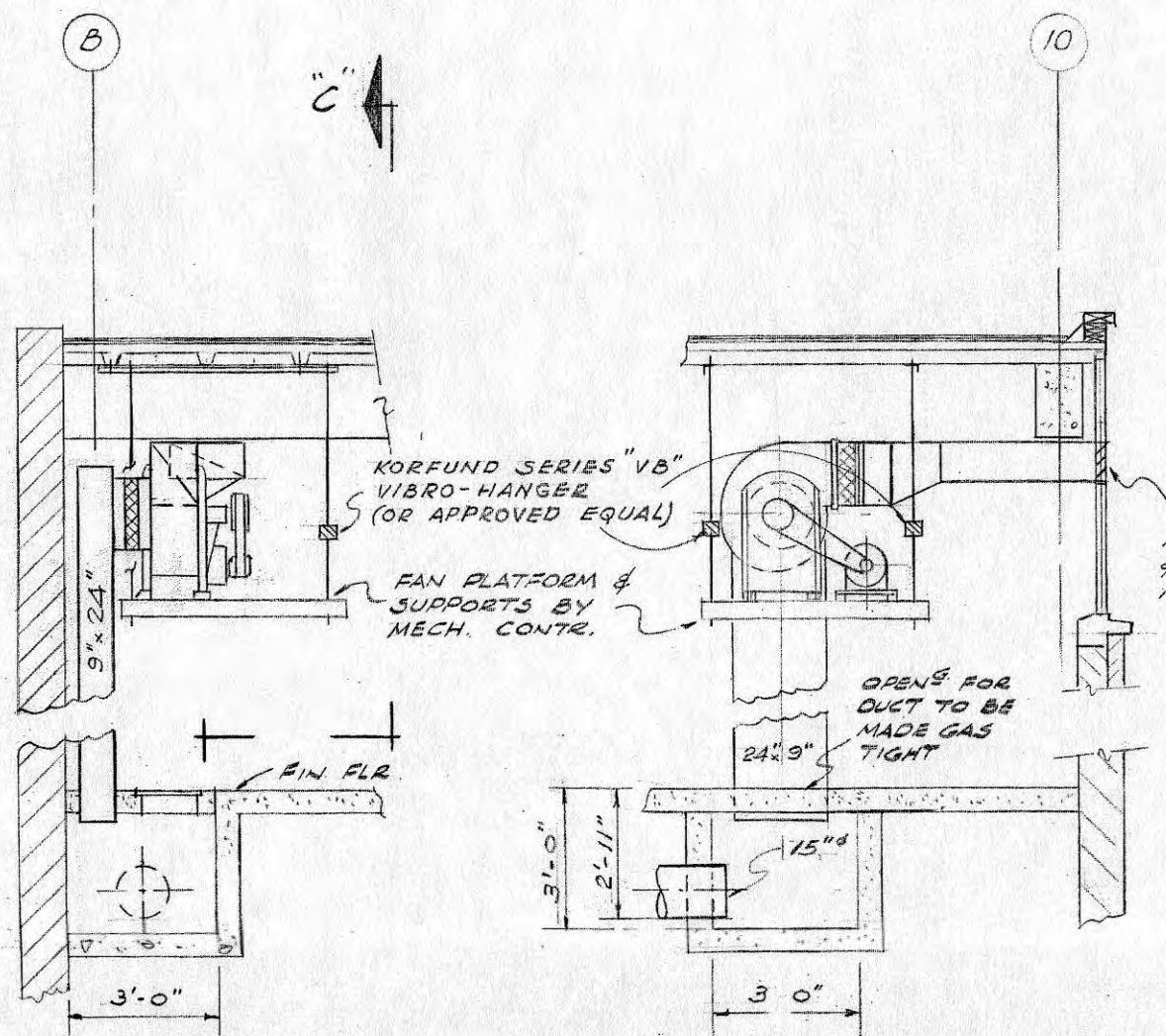
SECTION A-A  
SCALE 1/4"=1'-0"



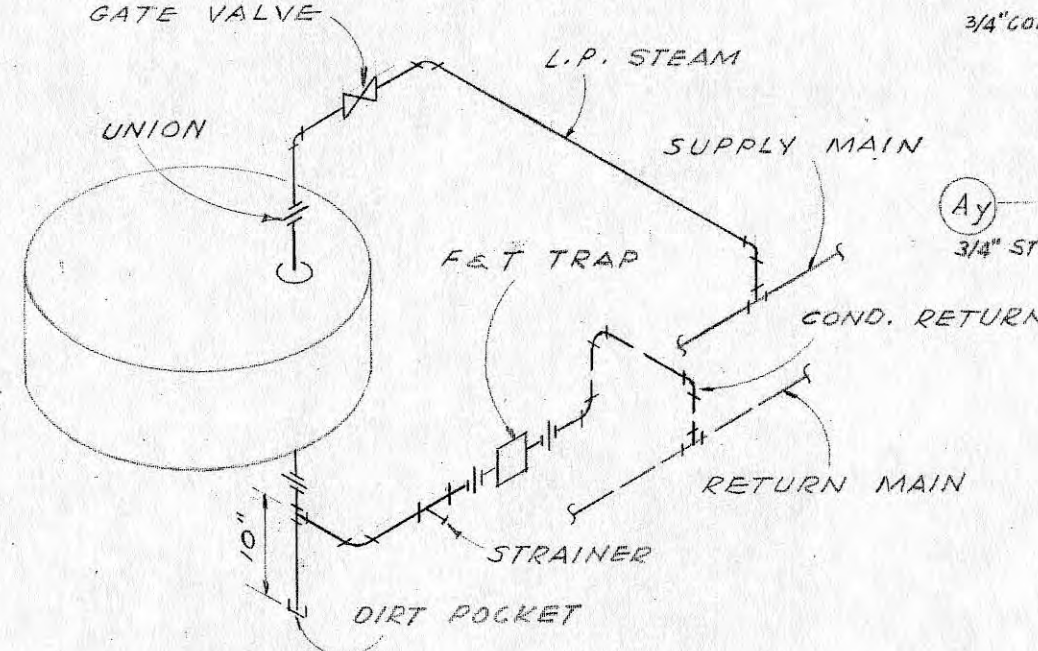
SECTION D-D  
SCALE 3/4"=1'-0"



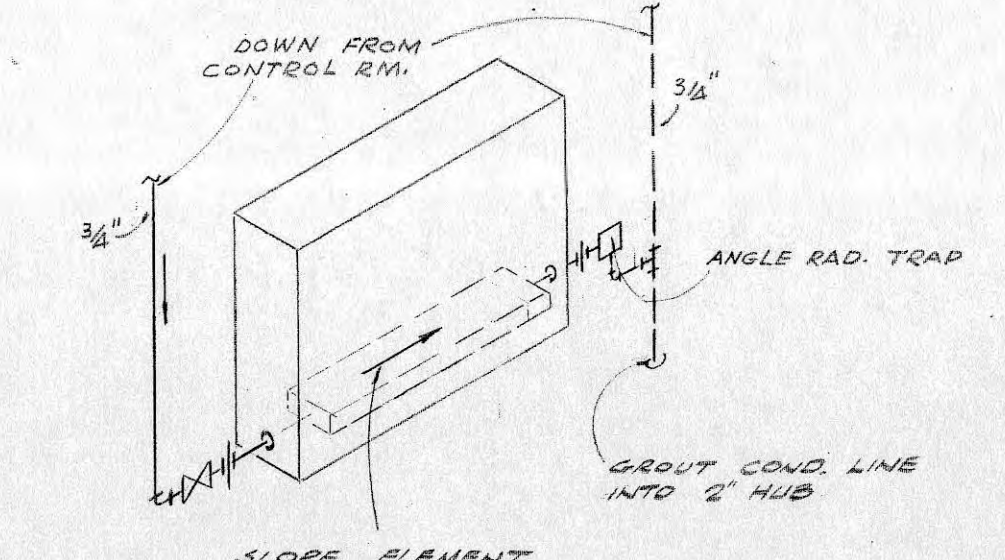
SECTION E-E  
SCALE 1/4"=1'-0"



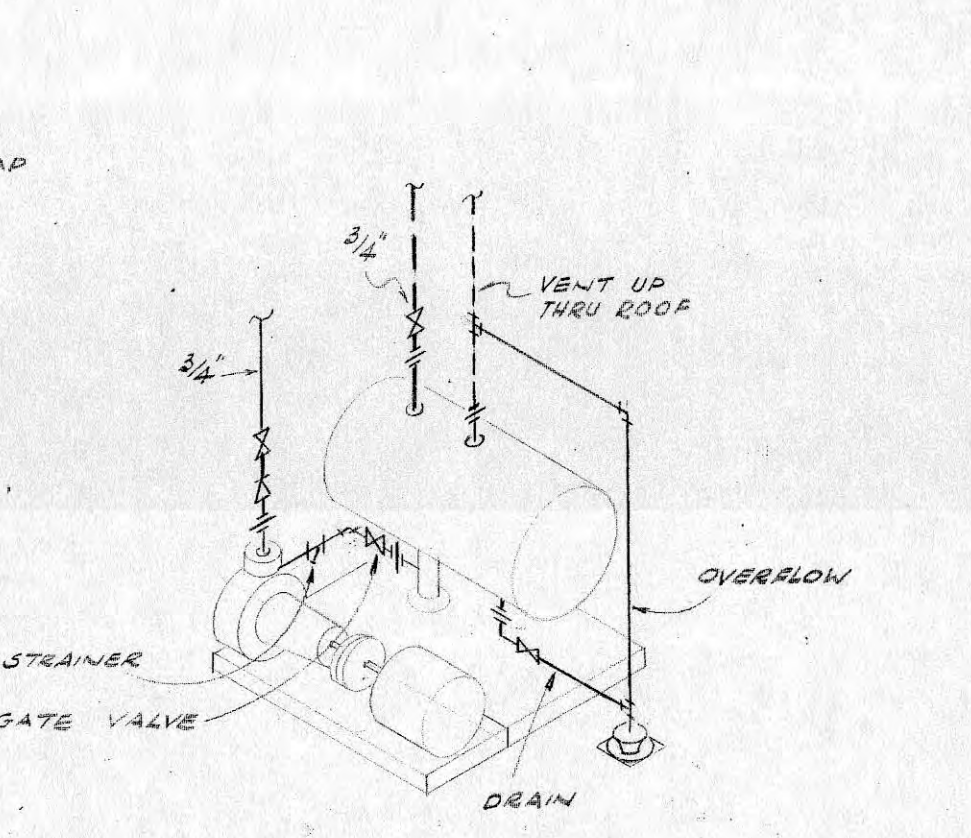
DETAIL OF CARBON MONOXIDE FAN  
SCALE 1/4"=1'-0"



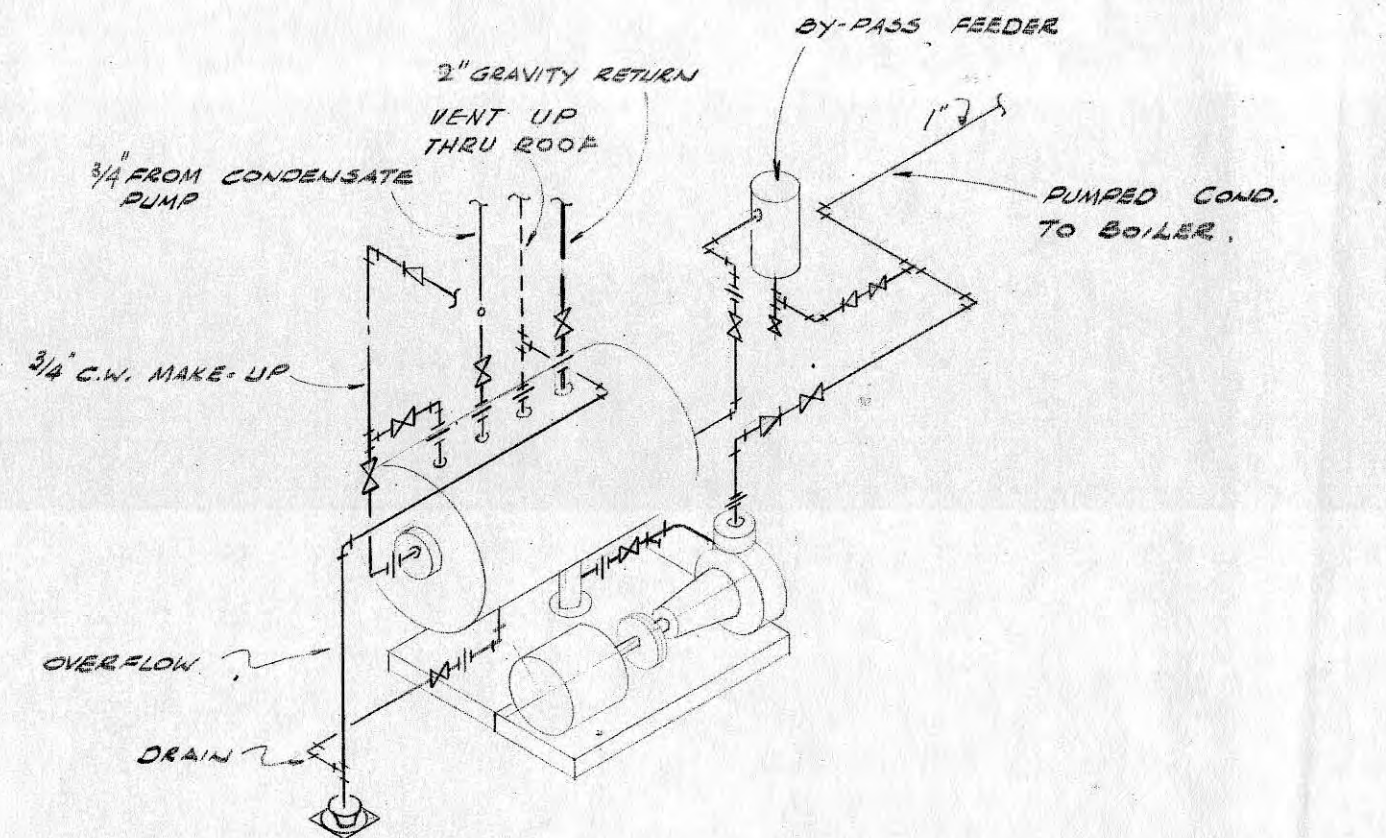
DETAIL OF TYPICAL CONNECTIONS FOR VERTICAL UNIT HEATERS  
N.T.S.



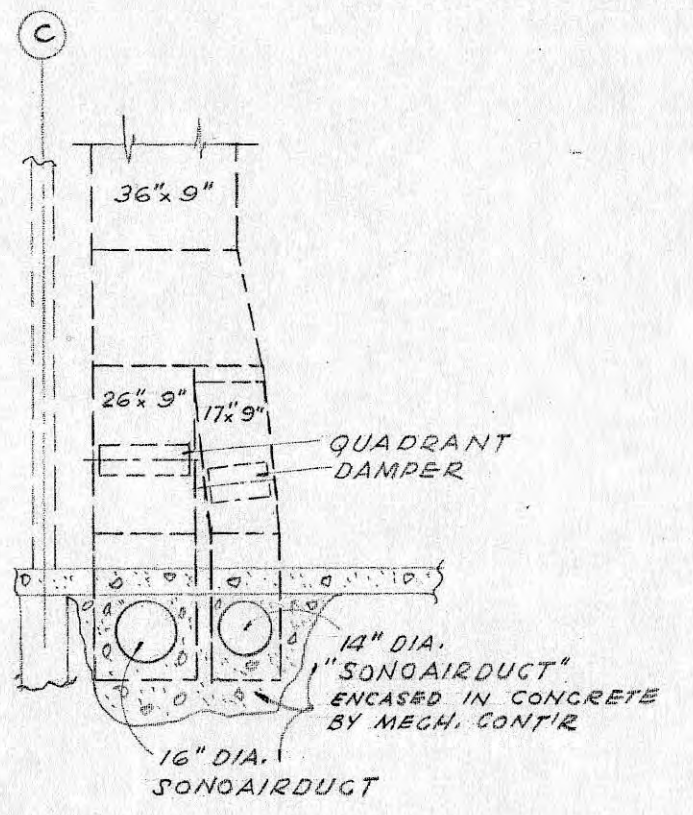
DETAIL OF CONVECTOR CONNECTIONS  
N.T.S.



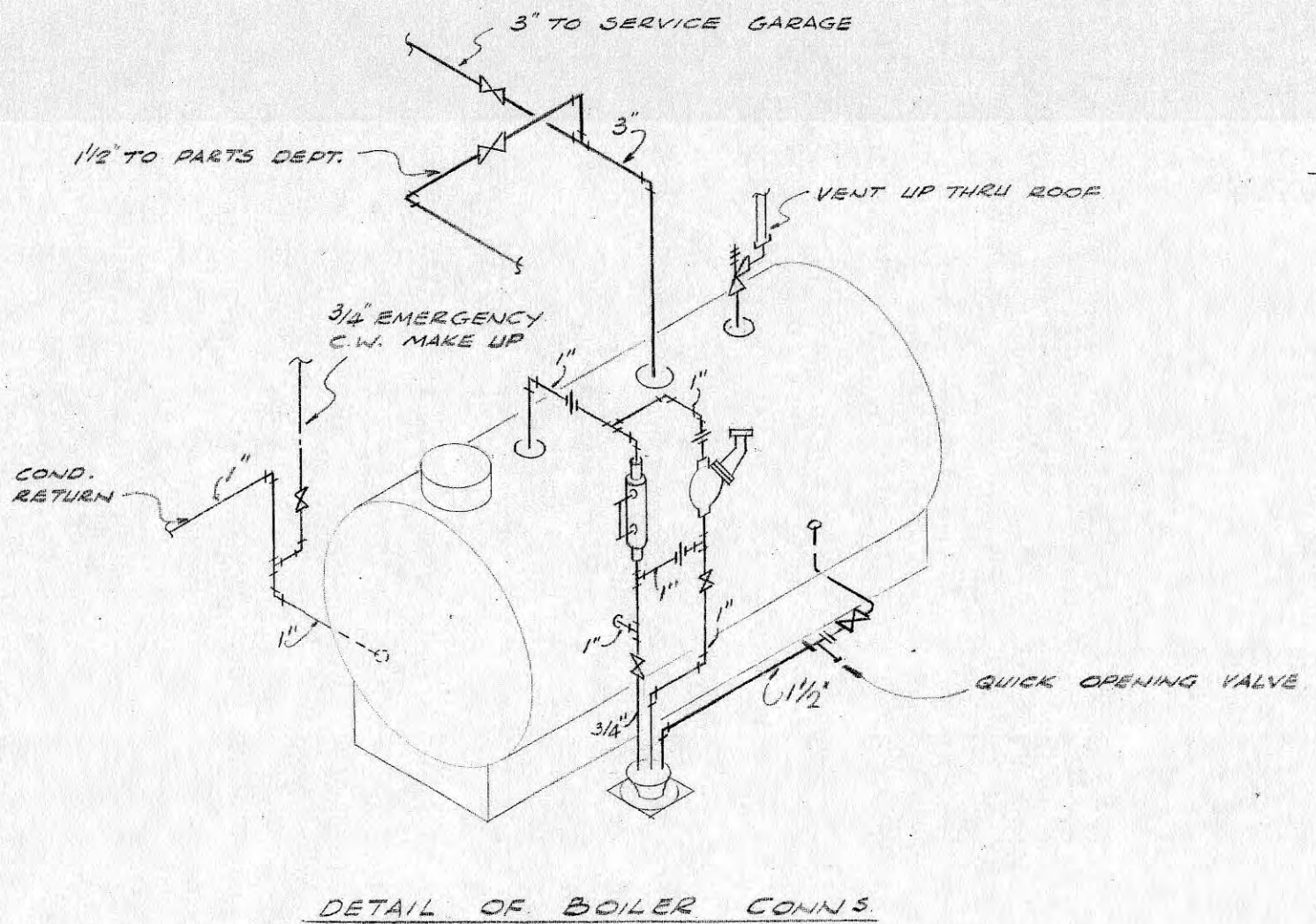
DETAIL OF CONDENSATE PUMP CONNECTIONS  
N.T.S.



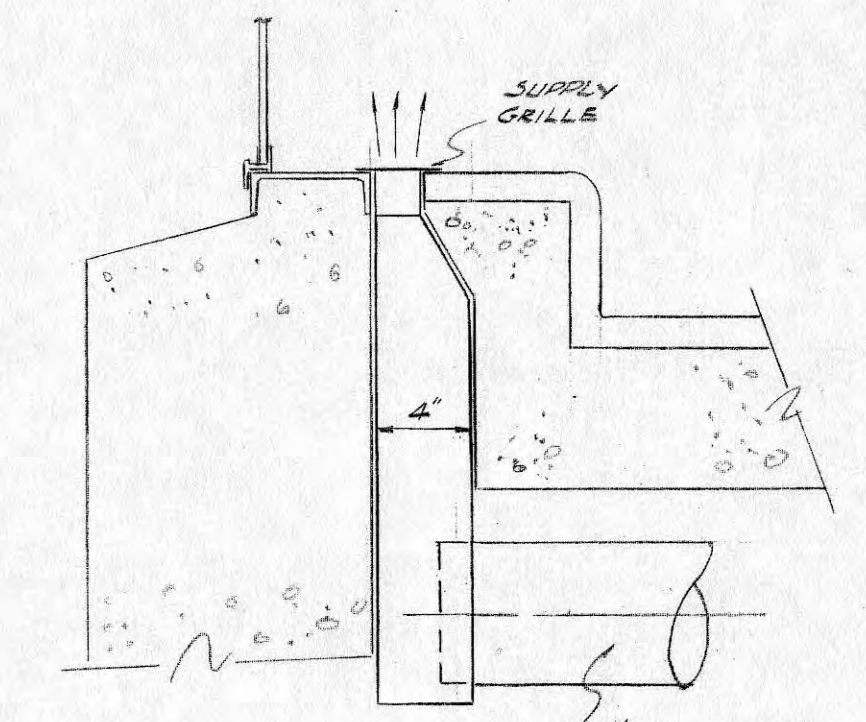
DETAIL OF BOILER FEED PUMP CONNECTIONS  
N.T.S.



SECTION B-B  
SCALE 1/4"=1'-0"



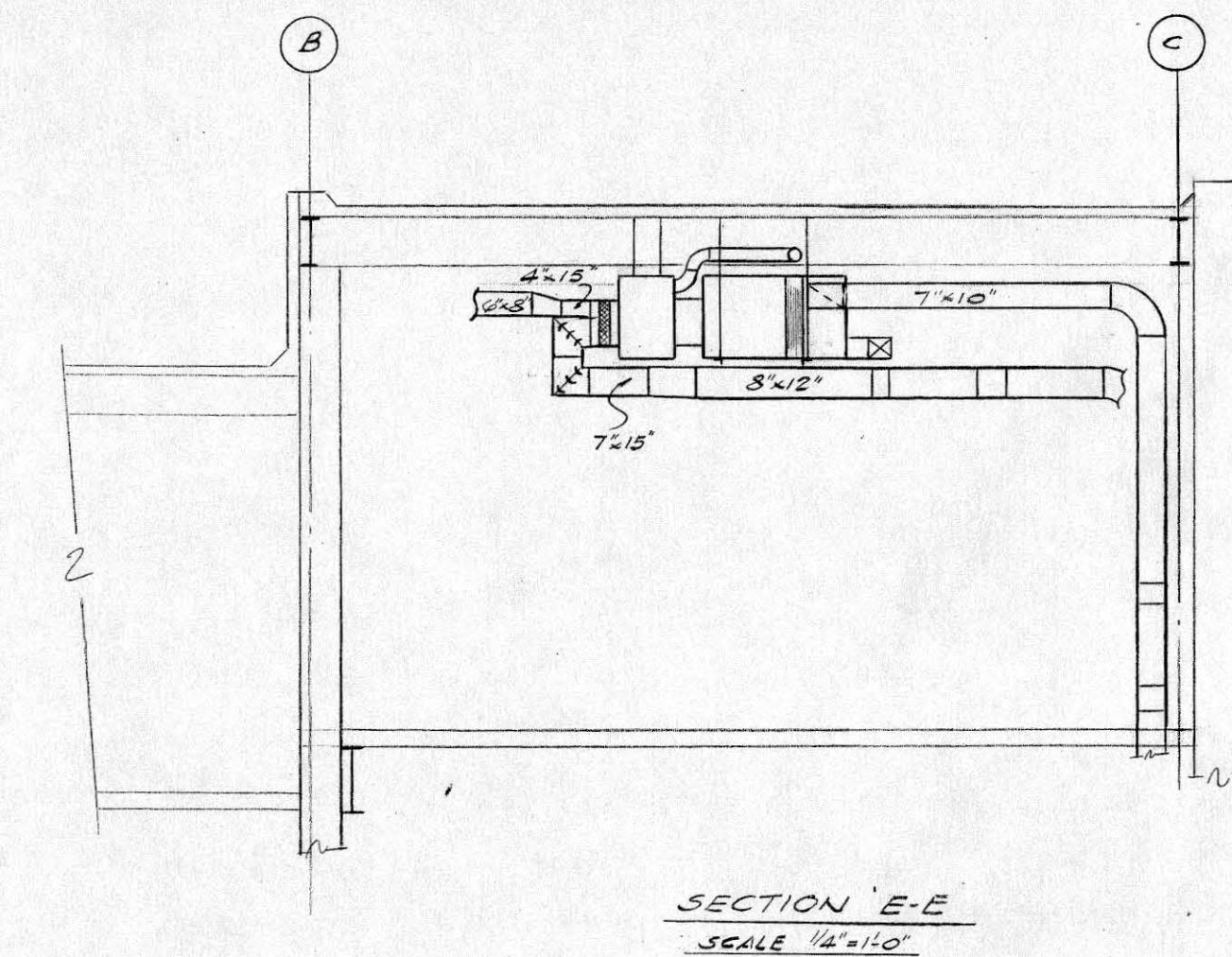
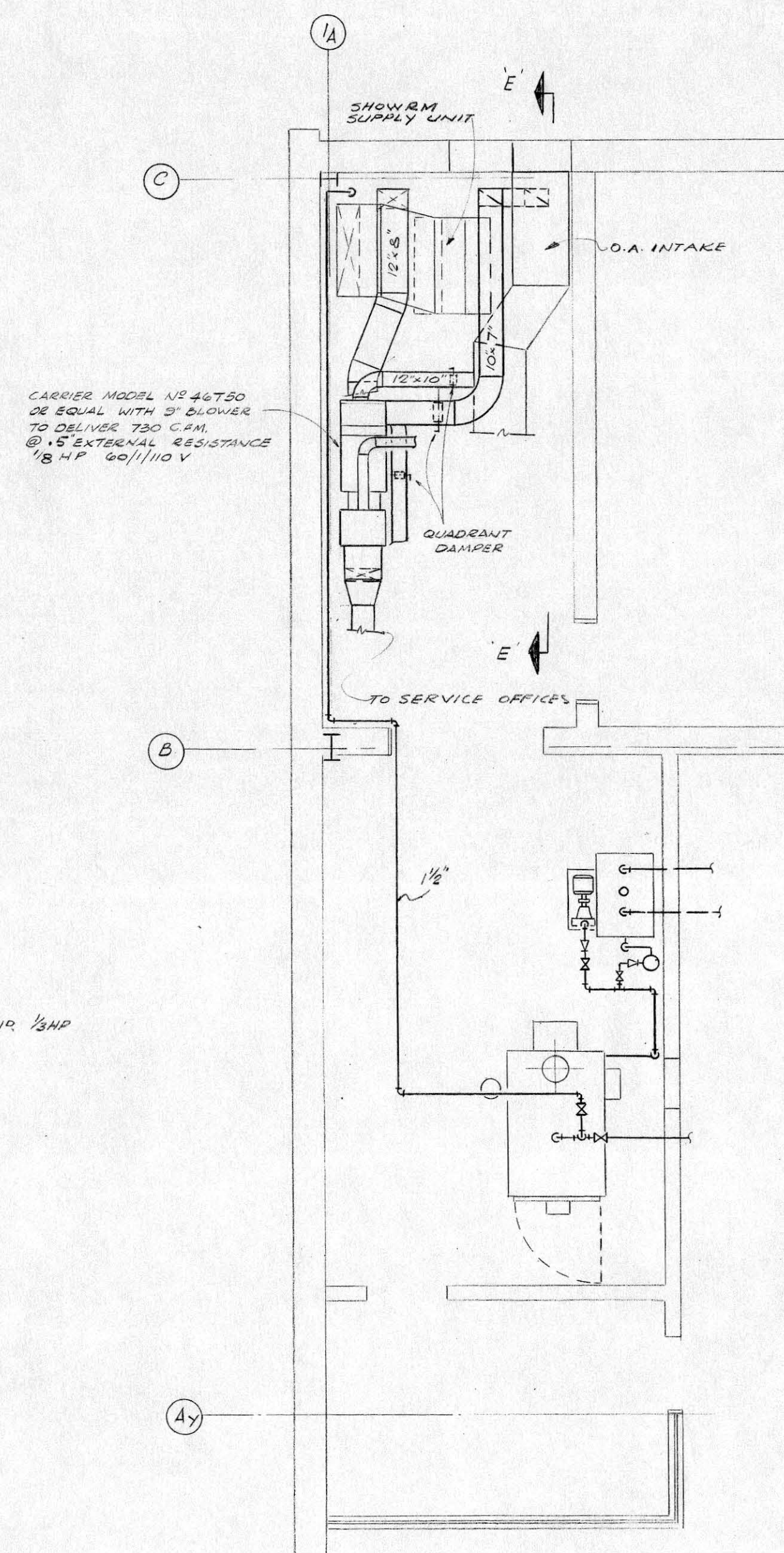
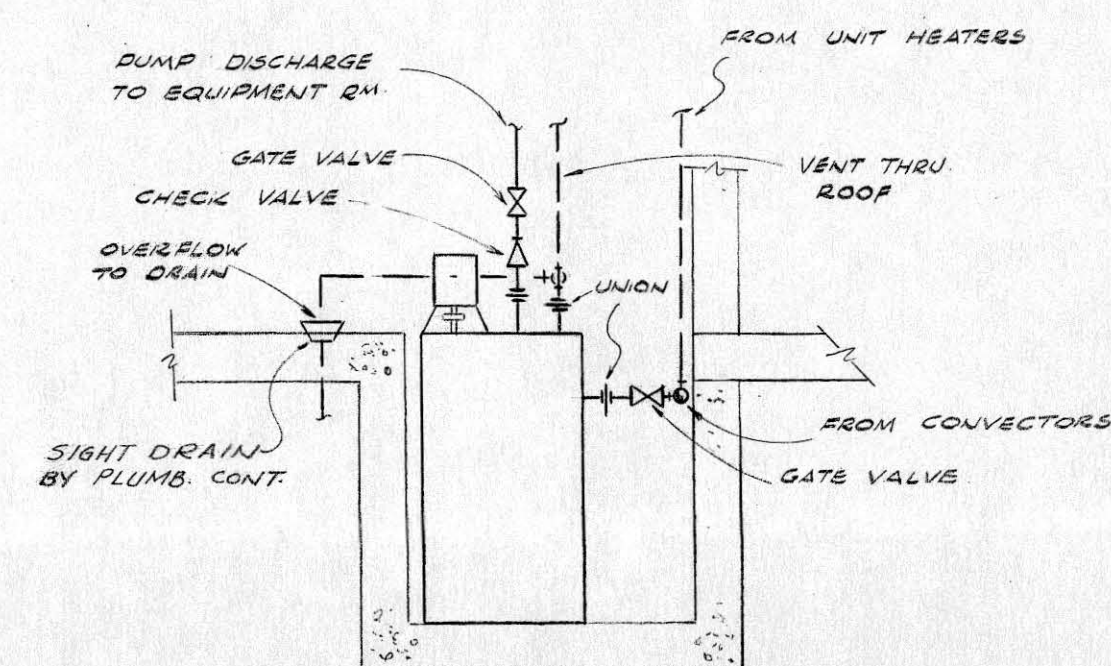
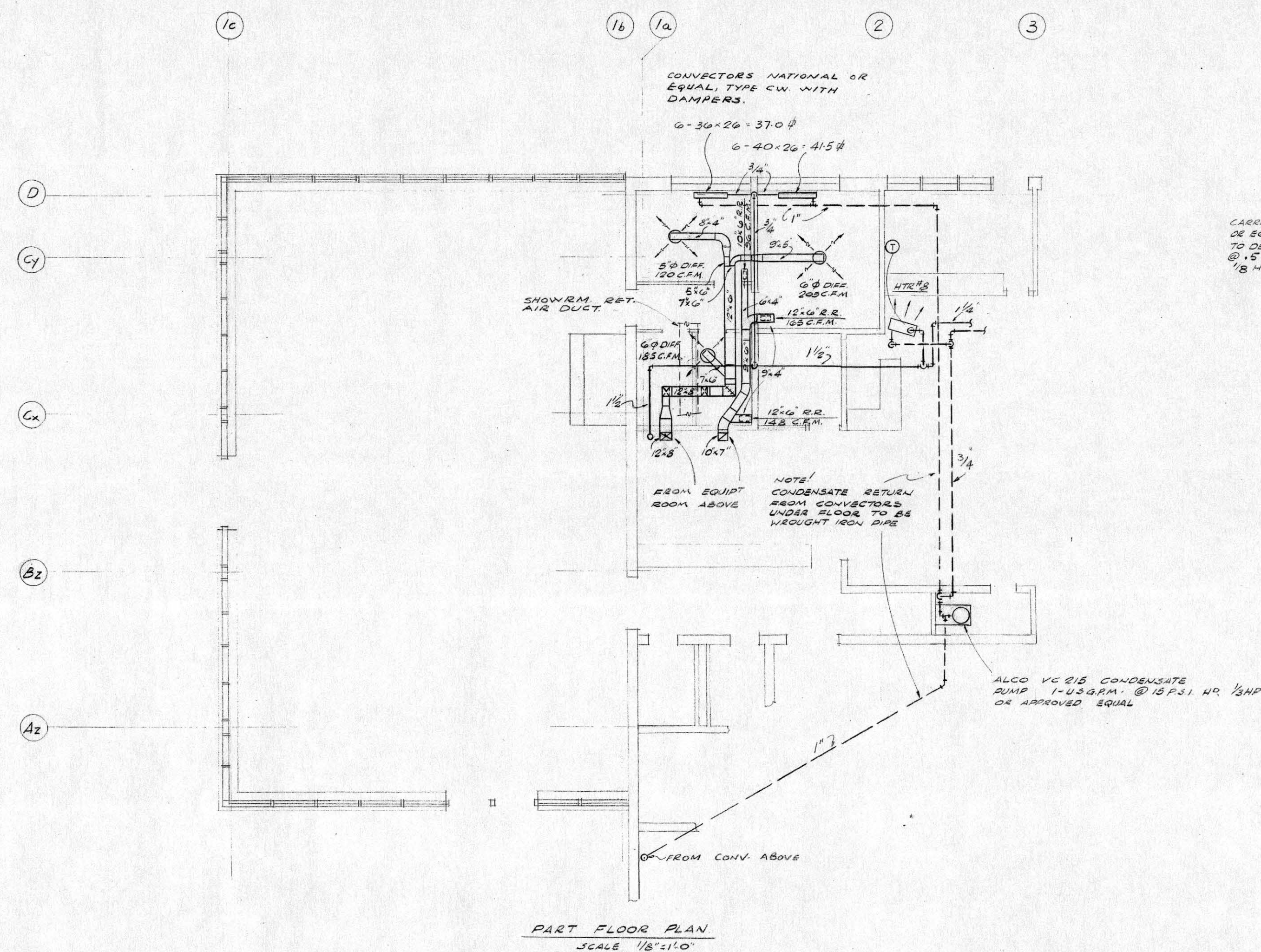
DETAIL OF BOILER CONNECTIONS  
N.T.S.



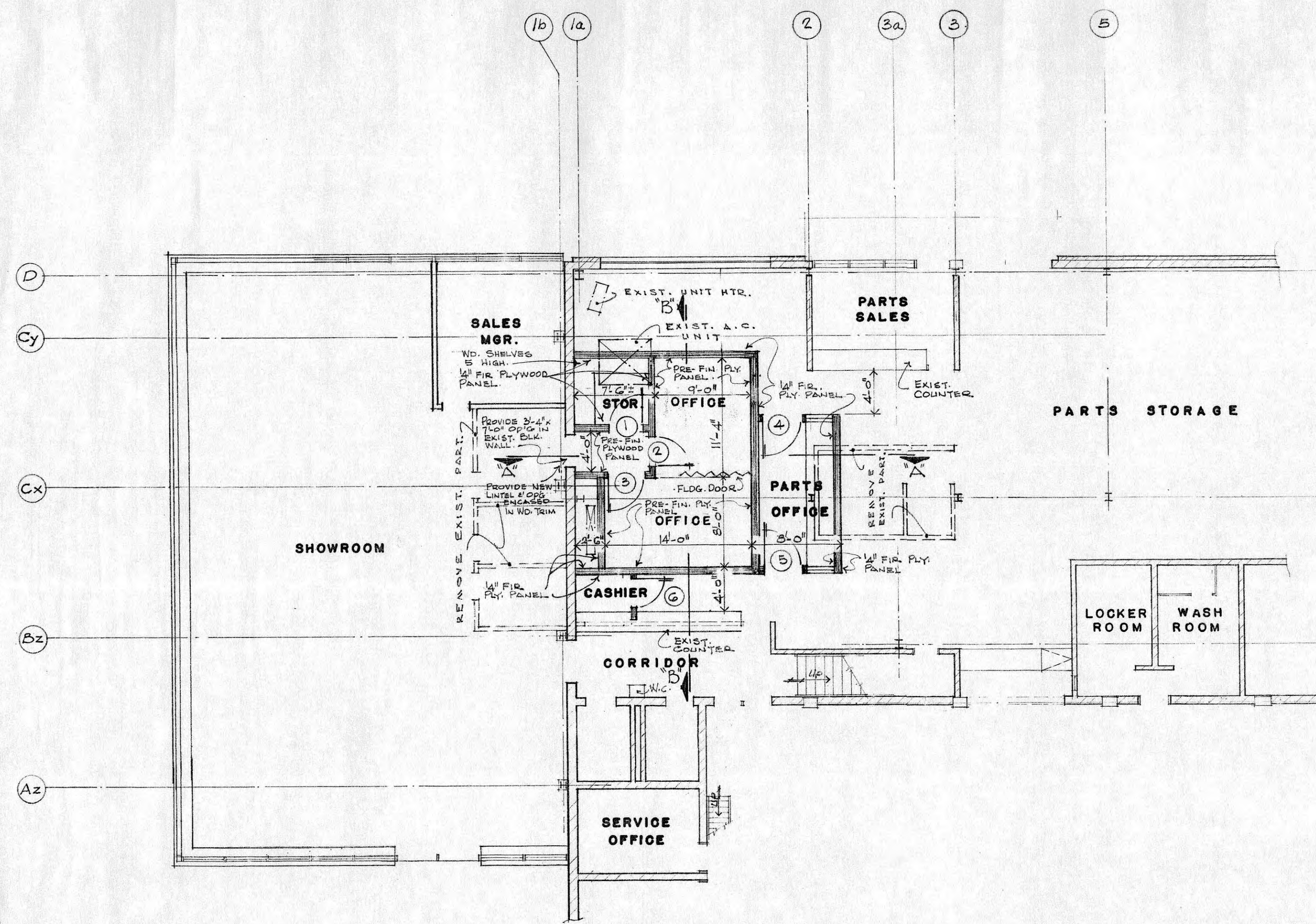
SECTION F-F  
SCALE 1/2"=1'-0"

|           |                      |                      |  |          |                                                           |                            |  |               |
|-----------|----------------------|----------------------|--|----------|-----------------------------------------------------------|----------------------------|--|---------------|
|           | GAS MAIN INCR. TO 3" |                      |  |          | CLIENT<br>CHRYSLER CORPORATION OF CANADA                  |                            |  |               |
|           |                      |                      |  |          | JOB TITLE<br>SALES & SERVICE CENTRES                      |                            |  |               |
|           |                      |                      |  |          | SHEET TITLE<br>HEATING & VENTILATING FLOOR PLAN & DETAILS |                            |  |               |
|           |                      |                      |  |          | GIFFELS & VALLET OF CANADA, LTD. ENGINEERS                |                            |  |               |
| JULY 5-60 |                      | REVISIONS - AS BUILT |  | 7/8/60   | J.C.                                                      | 65 ELLIOTT ST. E.          |  | WINDSOR, ONT. |
| 10/16/59  |                      | BULLETIN No. 3       |  | 10/16/59 | A.G.                                                      | PROJECT CHIEF<br>A. PERRIN |  | JOB           |
| 10/5/59   |                      | BULLETIN No. 1       |  |          |                                                           | IN CHARGE<br>A. MASON      |  | C 59 27 B     |
| 9/21/59   |                      | CONSTRUCTION         |  |          |                                                           | DATE                       |  | SHEET         |
| 9/16/59   |                      | BUILDING PERMIT      |  | 10/5/59  | A.G.                                                      | JOB CAPTAIN<br>K. SHARPLES |  | M4            |
| 9/18/59   |                      | SUB. TRADE TENDER    |  |          |                                                           |                            |  |               |
| DATE      |                      | ISSUED FOR           |  | REVISION |                                                           |                            |  |               |

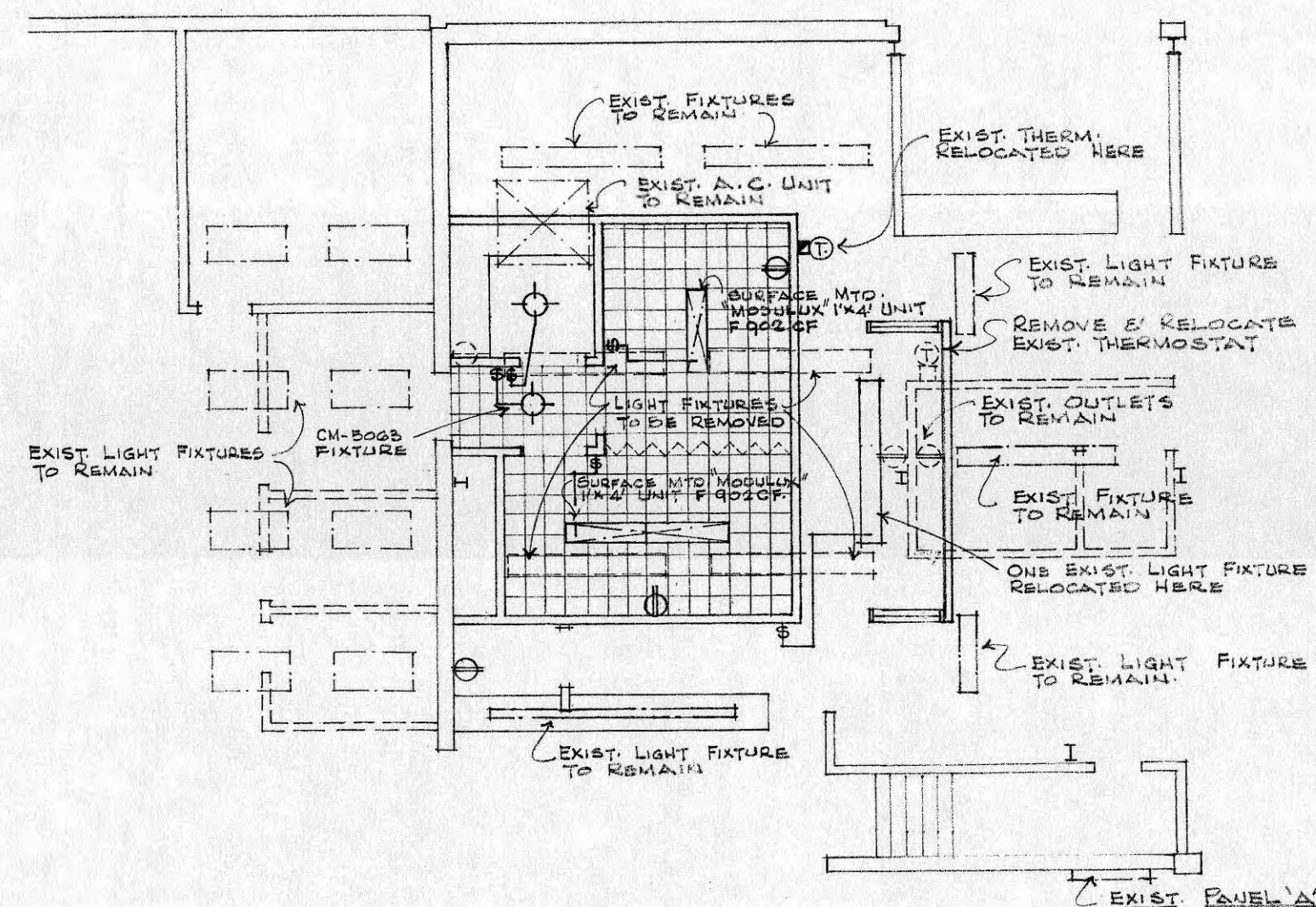


[illegible]



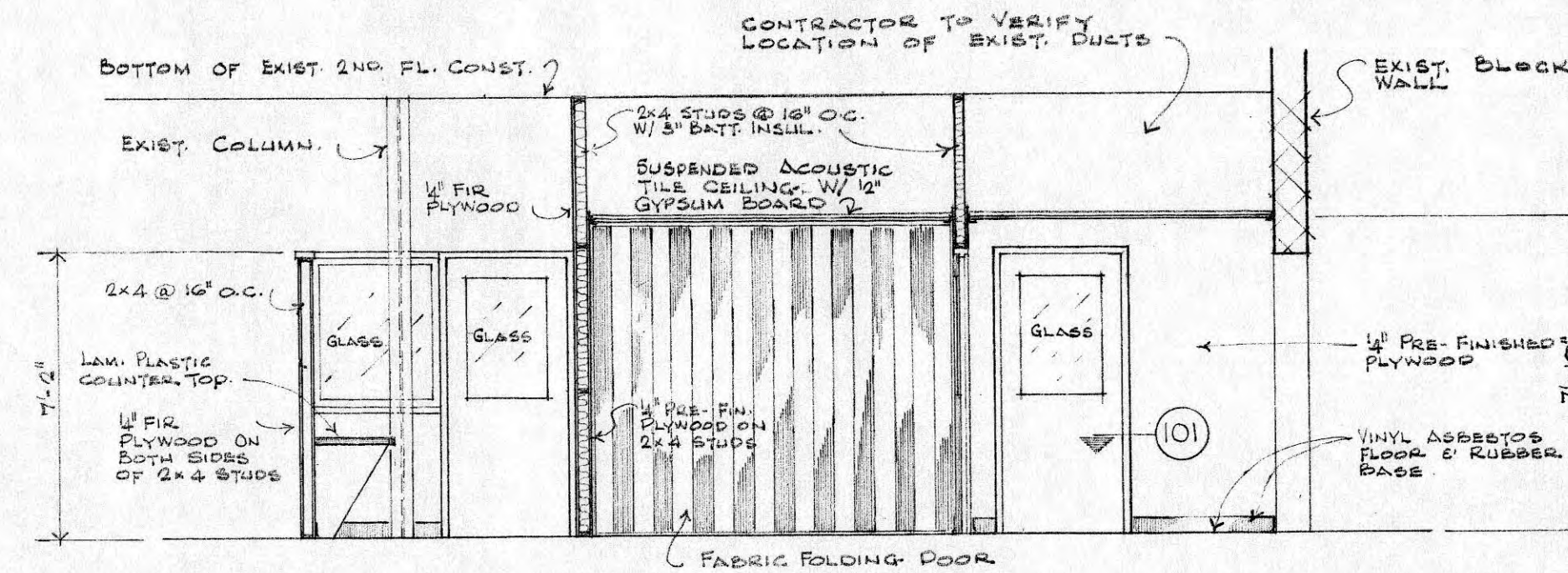


**FIRST FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

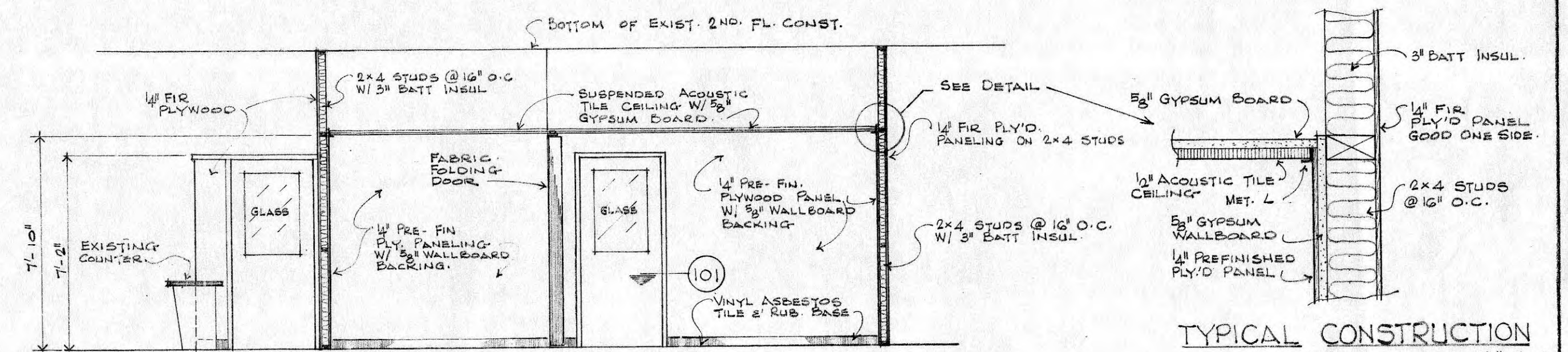


**FIRST FLOOR PLAN ELECTRICAL  
REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

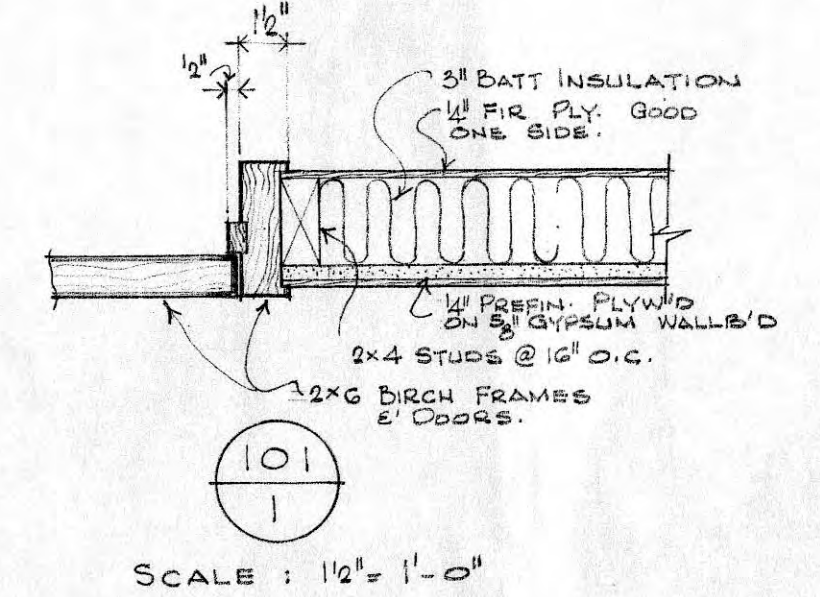
**NOTES:**  
- ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING FIXTURES AS SHOWN & SHALL PROVIDE AND INSTALL NEW FIXTURES AND OUTLETS AS SHOWN.  
- ALL WORK SHALL BE EXECUTED IN ACCORDANCE W/ CURRENT H.E.P.C. AND LOCAL REGULATIONS. CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED.  
- ELECTRICAL CONTRACTOR SHALL EXTEND CONDUIT FROM EXISTING FIXTURES TO NEW FIXTURES.



**SECTION A-A**  
SCALE: 1/4" = 1'-0"

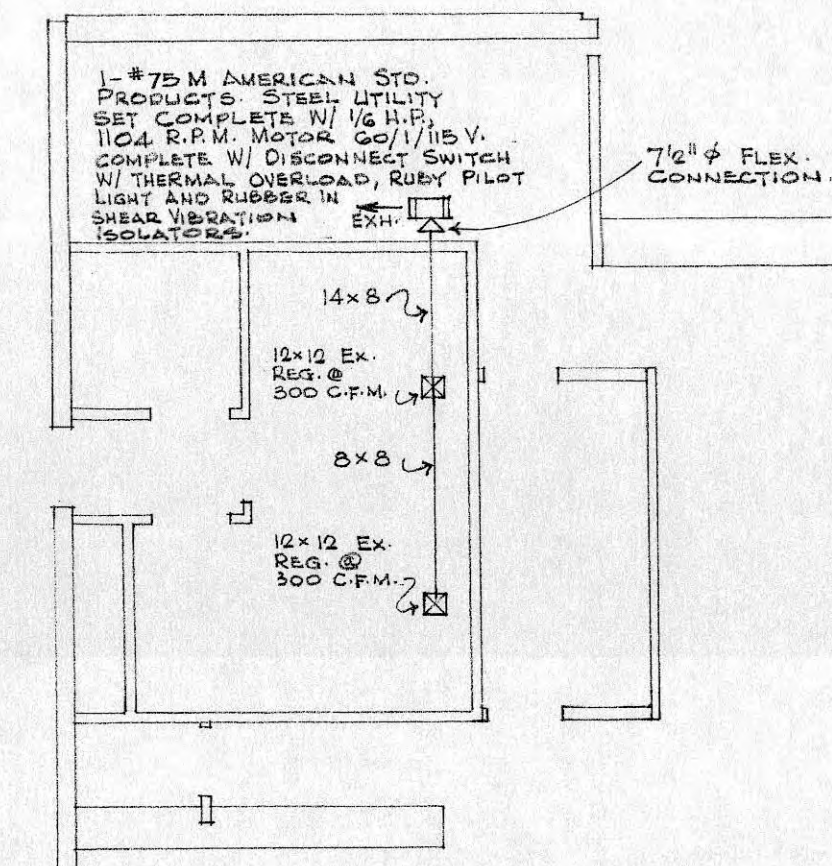


**SECTION B-B**  
SCALE: 1/4" = 1'-0"



**TYPICAL CONSTRUCTION  
DETAIL** SCALE: 1/2" = 1'-0"

- NOTES:**  
FLOOR TILE - VINYL ASBESTOS TILE "ARMSTRONG, B.P. OR AMITCO" 9" x 9" x 1/8".  
PREFINISHED PAVELLING - WELDWOOD PREFINISHED BLUE LABEL V-PLANK WALNUT AS MANUFACTURED BY WELDWOOD WESTPLY LTD.  
WOOD DOORS - SHALL BE "UNIK" AS MANUFACTURED BY CANADA FLUSHWOOD DOOR CO., SOLID CORE INTERIOR DOOR NO. 500 PAINT GRADE, BIRCH FACES.  
FABRIC FOLDING DOOR - FABRIC "MODERNFOLD #200 SERIES W/ STD. WGT. VINYL COVERING.  
LAMINATED PLASTIC - FORMICA OR ARABESQUE COUNTER TOP GRADE W/ LAMIN. PLASTIC EDGES. PROVIDE LAMIN. PLASTIC BACKING SHEET ON UNDER-SIDE OF COUNTER TOP.  
GYPSUM BOARD - CANADIAN GYPSUM CO. LTD 5/8" SHEETROCK FIRECODE WALLBOARD OR APPROVED EQUAL.  
ACOUSTIC TILE - PERFORATED MINERAL TILE "ARMSTRONG" FULL RANDOM MIXTURES, 12" x 12" x 1/2" BUTT EDGES DEVEILLED.  
PAINTING - ALL PAINTED AND STAINED AREAS SHALL BE FINISHED USING TOP QUALITY MATERIALS, IN A MANNER ACCEPTABLE TO ARCHITECT. IT IS INTENDED THAT ALL NEW CONSTRUCTION IS TO BE PAINTED, EXCEPT ACOUSTIC TILE, PREFINISHED PLYWOOD, LAMINATED PLASTIC SURFACES AND FLOOR COVERING. PAINTER SHALL DO ALL TOUCH UP WORK AT EXISTING CONSTRUCTION AS REQUIRED, IN AREA OF NEW CONSTRUCTION.  
FIR PLYWOOD PAVELLING - 1/2" FIR PLYWOOD PANEL GOOD ONE SIDE.



**VENTILATING PLAN**  
SCALE: 1/8" = 1'-0"

**FIRST FLOOR PLAN**

**REVISIONS**

**ISSUED FOR**  
PRELIMINARY 7-1-64  
TENDER  
CONSTRUCTION 8-15-64

**DRAWN**  
CHECKED  
APPROVED



**W. C. CROSBIE**  
ARCHITECT  
WINDSOR  
ONTARIO

**JOB NO.**  
6464

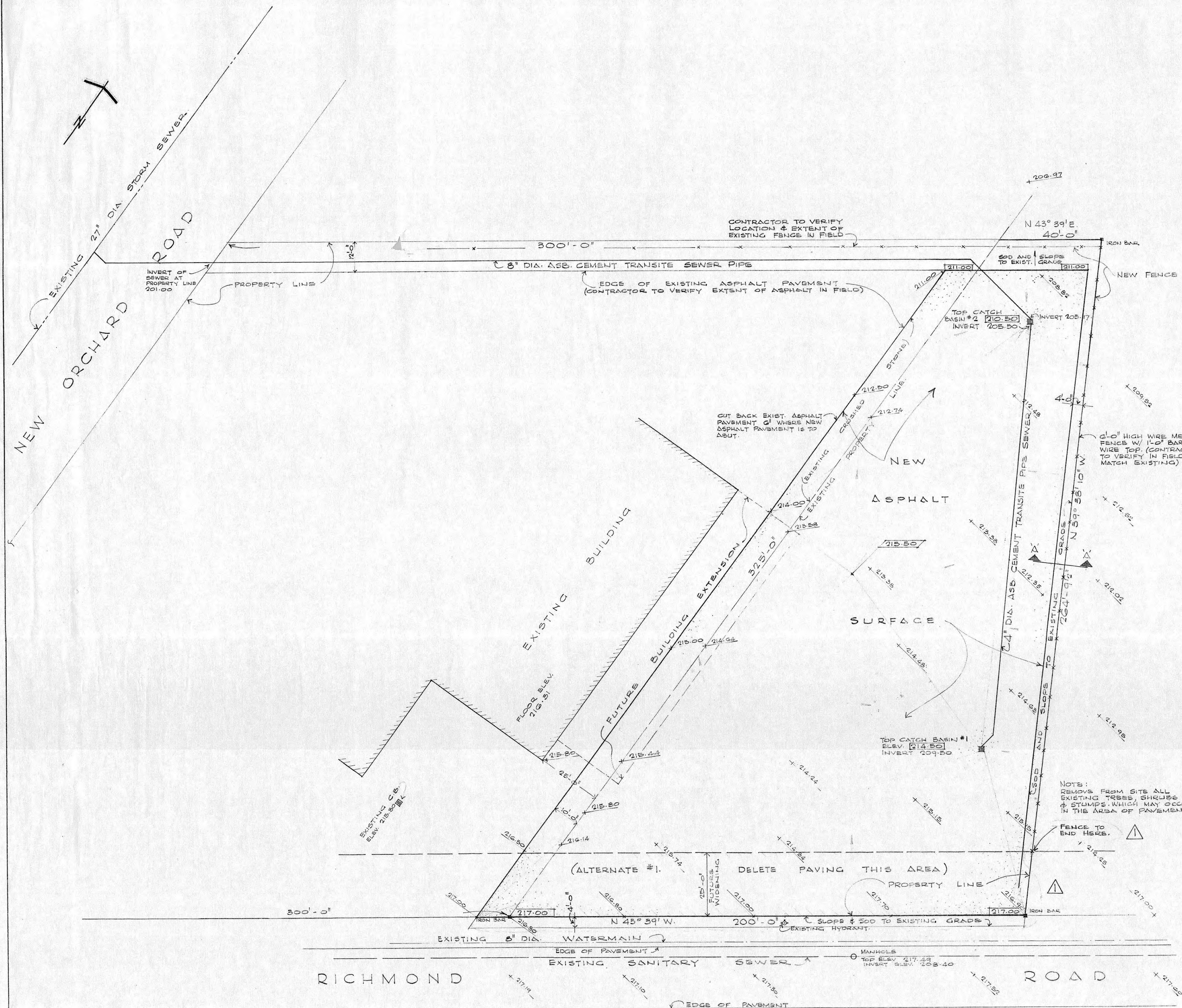
**SHEET NO.**  
1

**FILE #**  
54

PROPOSED RENOVATIONS — CHRYSLER CANADA LIMITED — PARKWAY CHRYSLER PLYMOUTH LTD. — OTTAWA — ONTARIO

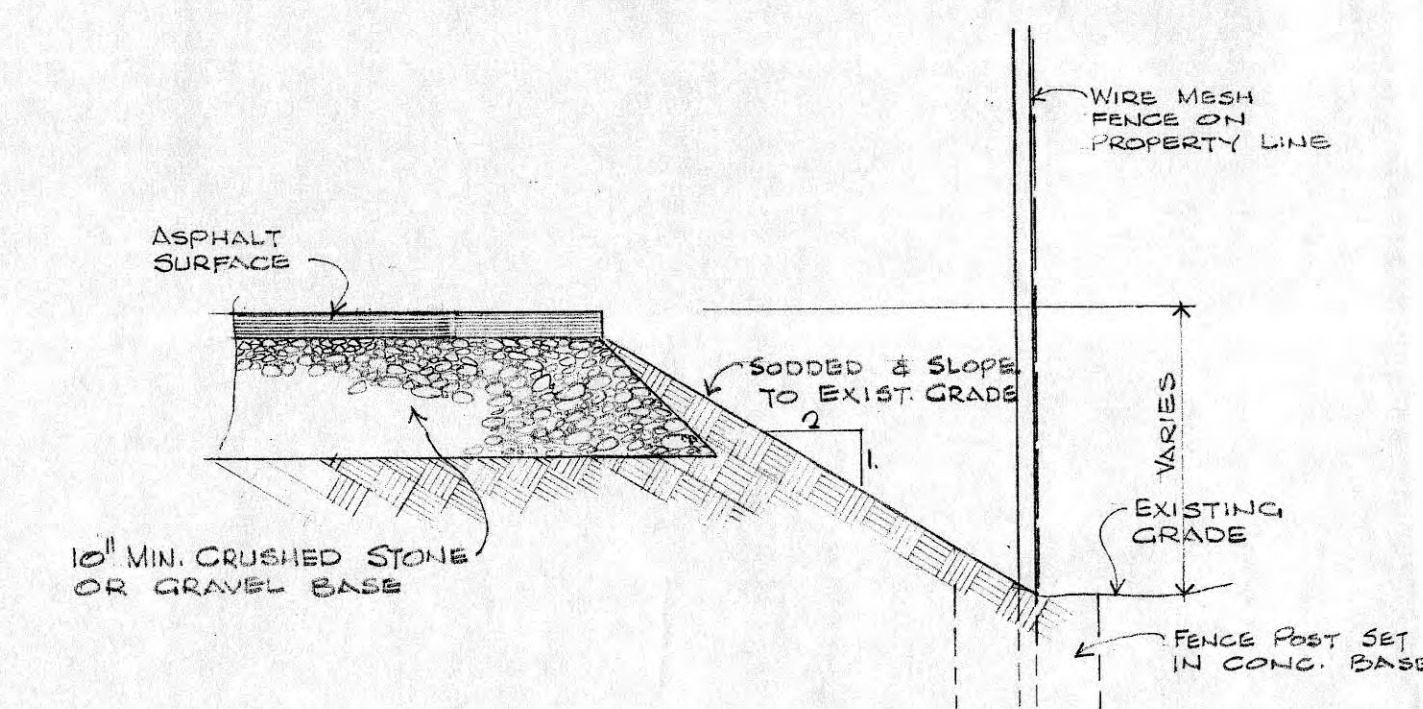
9D-7



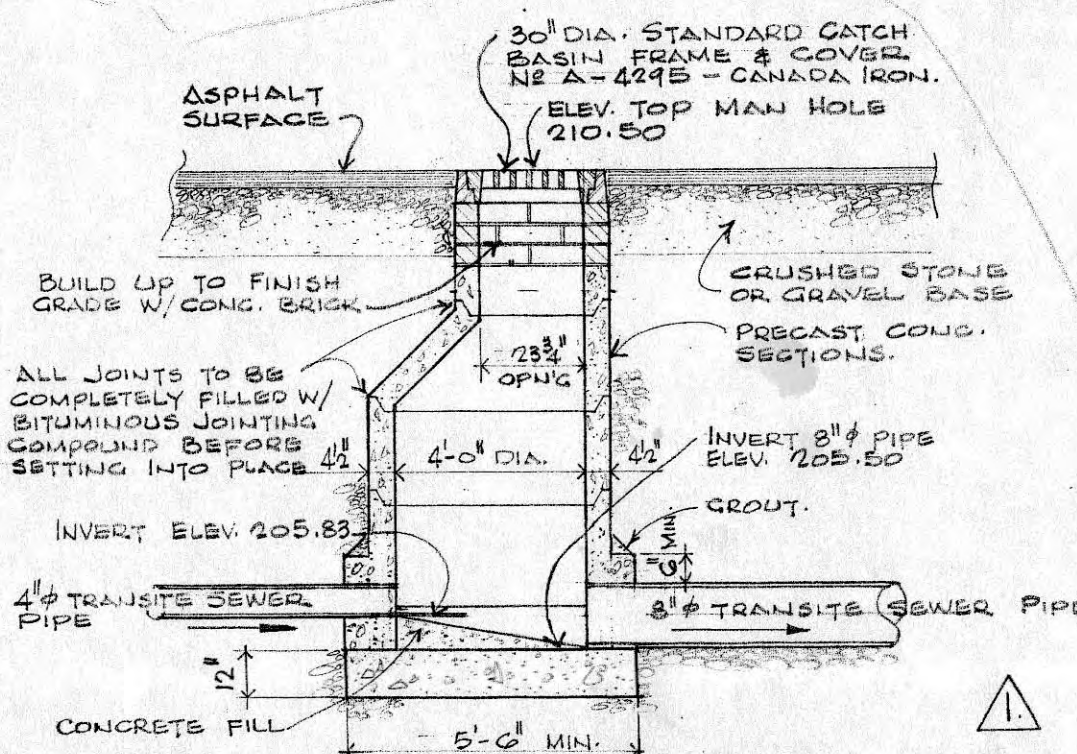


**SITE PLAN**  
SCALE: 1" = 20'-0"

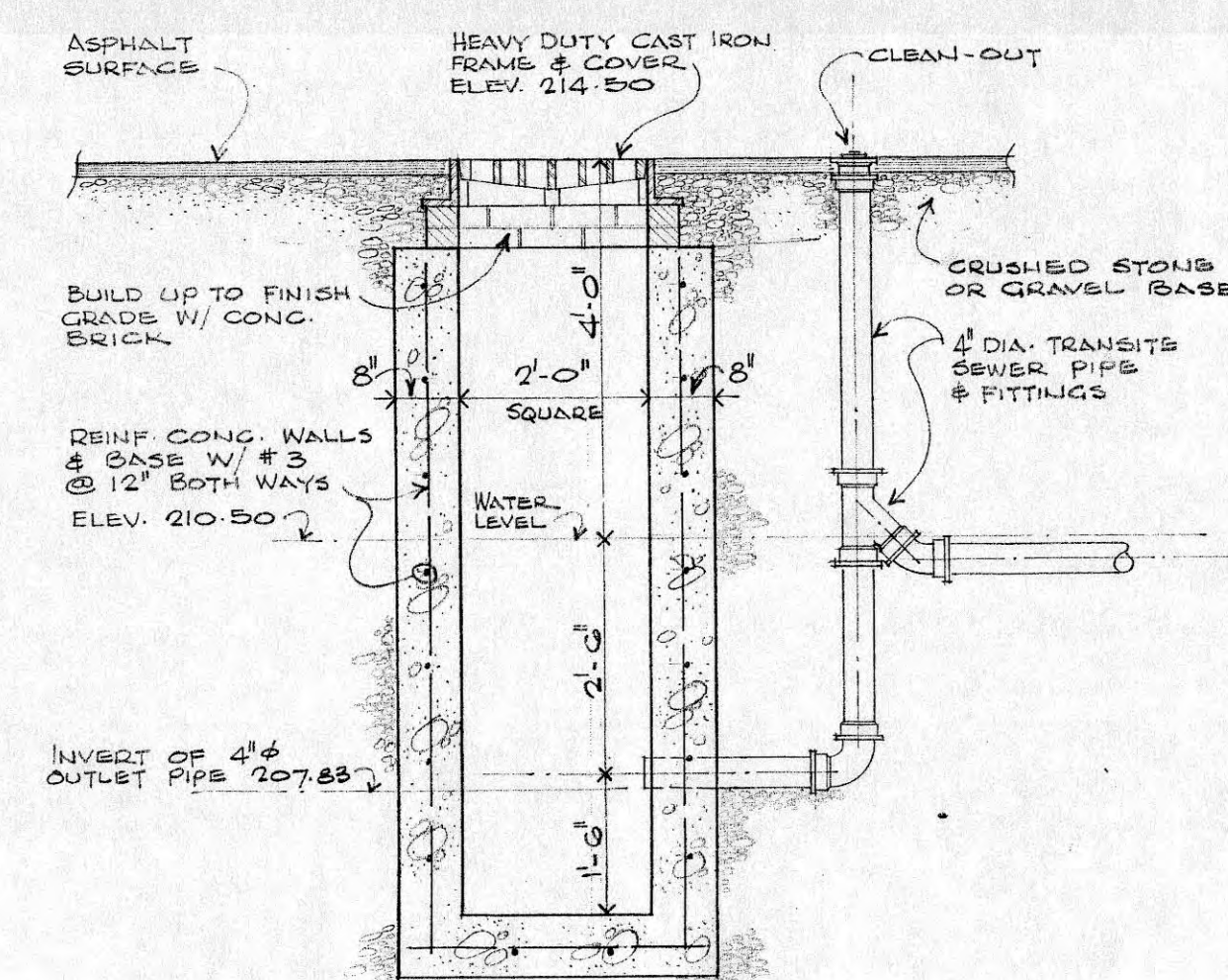
**NOTES:**  
EXISTING ELEVATION TO GEODETIC DATUM & SHOWN  
THUS: 217.00, AND ARE TAKEN FROM DRAWING  
PREPARED BY R.W. ARNETT P. ENG. & ONTARIO  
LAND SURVEYOR, OTTAWA, ONTARIO, DATED  
JUNE 10, 1966.  
NEW ELEVATIONS SHOWN THUS: 217.00



**SECTION A-A**  
SCALE: 3/4" = 1'-0"



**DETAIL OF CATCH BASIN #2**  
NO SCALE



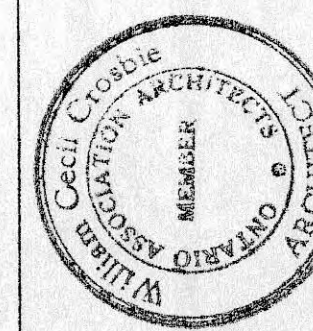
**DETAIL OF CATCH BASIN #1**  
SCALE: 1/2" = 1'-0"

REPRODUCTION OR USE OF THIS DRAWING  
FOR ANY PURPOSE NOT SPECIFICALLY  
AUTHORIZED BY THE ARCHITECT IN WRITING  
CONSTITUTES INFRINGEMENT OF COPYRIGHT.

PARKWAY CHRYSLER PLYMOUTH LTD.  
OTTAWA ONTARIO  
PROPOSED PAVING &  
SITE DEVELOPMENT

| ISSUED FOR   | REVISIONS     |
|--------------|---------------|
| PRELIMINARY  | 22 SEPT. 1966 |
| TENDER       |               |
| CONSTRUCTION |               |

| ISSUED FOR   | REVISIONS     |
|--------------|---------------|
| PRELIMINARY  | 22 SEPT. 1966 |
| TENDER       |               |
| CONSTRUCTION |               |



**W. C. CROSBIE**  
ARCHITECT  
WINDSOR ONTARIO

**PROJECT NO.**  
65-119  
**SHEET NO.**  
1  
FILE # 64



## **APPENDIX X**

### **SITE PHOTOGRAPHS**





## PHOTOGRAPHIC LOG

Page 1 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 1

**Date:** July 12, 2024

**Viewing Direction:**  
Southwest

**Description:**

View showing the property boundary toward Richmond Road.



**Photo No:** 2

**Date:** July 12, 2024

**Viewing Direction:**  
North

**Description:**

View showing the property boundary towards New Orchard Avenue North.







## PHOTOGRAPHIC LOG

Page 2 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 3

**Date:** July 12, 2024

**Viewing Direction:**  
East

**Description:**

View showing the site from New Orchard Avenue North.



**Photo No:** 4

**Date:** July 12, 2024

**Viewing Direction:**  
Northwest

**Description:**

View showing the footprint of the former building in the central portion of the Site.







## PHOTOGRAPHIC LOG

Page 3 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 5

**Date:** July 12, 2024

**Viewing Direction:**  
North

**Description:**

View showing the area of the former remedial excavation to the east of the former building.



**Photo No:** 6

**Date:** July 12, 2024

**Viewing Direction:**  
Southwest

**Description:**

View showing asphalt piles observed on-Site.





**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 7

**Date:** June 11, 2025

**Viewing Direction:**  
North

**Description:**

View showing the former pole-mounted transformer on the east-central portion of the Site.


**Photo No:** 8

**Date:** July 12, 2024

**Viewing Direction:**  
Northeast

**Description:**

View showing the apartment building to the east of the Site.







## PHOTOGRAPHIC LOG

Page 5 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 9

**Date:** July 12, 2024

**Viewing Direction:**  
Southeast

**Description:**

View showing the LRT construction to the south of the site with the transit station under construction.



**Photo No:** 10

**Date:** July 12, 2024

**Viewing Direction:**  
Northwest

**Description:**

View showing the residential property to the northwest of the site along New Orchard Avenue North.







## PHOTOGRAPHIC LOG

Page 6 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 11

**Date:** July 12, 2024

**Viewing Direction:**  
Southwest

**Description:**

View showing the residential property towards the intersection of Richmond Road and New Orchard Avenue North.



**Photo No:** 12

**Date:** July 12, 2024

**Viewing Direction:**  
Northeast

**Description:**

View along Richmond Road.





**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 13

**Date:** July 12, 2024

**Viewing Direction:**  
Northeast

**Description:**

View showing Tim Hortons and Tops Car Wash to the northeast of the site.



**Photo No:** 14

**Date:** July 12, 2024

**Viewing Direction:**  
Northwest

**Description:**

View showing the car dealership (foreground) and apartment buildings (background) located to the west and southwest of the Site.







## PHOTOGRAPHIC LOG

Page 8 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 15

**Date:** July 12, 2024

**Viewing Direction:**  
East

**Description:**

View showing the New Orchard Lodge (long-term care home) located to the north of the Site.



**Photo No:** 16

**Date:** July 12, 2024

**Viewing Direction:**  
Northeast

**Description:**

View showing the backup generator observed to the north of the New Orchard Lodge.





**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 17

**Date:** July 12, 2024

**Viewing Direction:**  
West

**Description:**

View showing a suspected hydro vault to the west of the site (located south of the 118 New Orchard Avenue North property on the west side of the roadway).



**Photo No:** 18

**Date:** July 12, 2024

**Viewing Direction:**  
Southwest

**Description:**

View showing the intersection of New Orchard Avenue North and Ambleside Drive to the west of the Site.







## PHOTOGRAPHIC LOG

Page 10 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 19

**Date:** July 12, 2024

**Viewing Direction:**  
North

**Description:**

View showing a pathway extending north from New Orchard Avenue North towards the Ottawa River and the Kichi Zibi Mikan Parkway.



**Photo No:** 20

**Date:** June 11, 2025

**Viewing Direction:**  
East

**Description:**

View showing the northern portion of the Site.







## PHOTOGRAPHIC LOG

Page 11 of 11

**Client:** Fengate Asset Management

**Site Location:**

1047 Richmond Road, Ottawa, ON

**Project No:** CO972.00

**Photo No:** 21

**Date:** June 11, 2025

**Viewing Direction:**  
Southeast

**Description:**

View showing the central portion of the Site.



**Photo No:** 22

**Date:** June 11, 2025

**Viewing Direction:**  
South

**Description:**

View showing the western portion of the Site with the LRT station (under construction) in the background.





## **APPENDIX XI**

### **PHASE ONE CONCEPTUAL SITE MODEL**



## PHASE ONE CONCEPTUAL SITE MODEL

### 1047 RICHMOND ROAD, OTTAWA, ONTARIO

The Phase One Conceptual Site Model (CSM) has been developed based on the findings of the records review, site reconnaissance, and interviews completed to date as described by the foregoing sections of this report.

The Phase One CSM includes the following appended figures:

#### PHASE ONE CSM FIGURES

| Requisite Feature                                                                                                       | Figure                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| i. Show any existing buildings and structures,                                                                          | Figure 1: Site Location<br>Figure 2: Site Features                                                    |
| ii. Identify and locate water bodies located in whole or in part in the Phase One Study Area,                           | Figure 1: Site Location (nearest waterbody)<br>Figure 3: Conceptual Site Model – Phase One Study Area |
| iii. Identify and locate any areas of natural significance located in whole or in part on the Phase One Study Area,     | Figure 3: Conceptual Site Model – Phase One Study Area                                                |
| iv. Locate any drinking water wells at the Phase One Property                                                           | Figure 3: Conceptual Site Model – Phase One Study Area                                                |
| v. Show roads, including names, within the Phase One Study Area,                                                        | Figure 3: Conceptual Site Model – Phase One Study Area                                                |
| vi. Show uses of properties adjacent to the Phase One Property,                                                         | Figure 3: Conceptual Site Model – Phase One Study Area                                                |
| vii. Identify and locate areas where any potentially contaminating activity has occurred, and show tanks in such areas, | Figure 4: Conceptual Site Model – Potentially Contaminating Activities                                |
| viii. Identify and locate any areas of potential environmental concern.                                                 | Figure 5: Conceptual Site Model – Areas of Potential Environmental Concern                            |

The Phase One CSM comprises the narrative provided in the following table:

#### PHASE ONE CSM NARRATIVE

| Requisite Component                                                                                                 | Description & Assessment                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i. Areas where potentially contaminating activity on, or potentially affecting the Phase One Property has occurred, | <p>The PCA locations are shown in Figure 4.</p> <p>A total of seven on-Site and 16 off-Site PCAs are deemed to have affected the property, as summarized in Table 2, appended. The PCA locations are shown in Figure 4.</p> <p>A total of seven APECs have been identified associated with the aforementioned on-Site PCAs, as summarised in Table 3 (also appended) and shown on Figure 5.</p> |
| ii. Any contaminants of potential concern,                                                                          | <p>As summarized in Table 3 (appended), media beneath the Site are considered to be potentially affected by the following contaminants of potential concern:</p> <ul style="list-style-type: none"> <li>Petroleum hydrocarbons including benzene, toluene, ethylbenzene, and xylenes (collectively BTEX) and PHC fractions F1 to F4 (PHC F1-F4) in soil and groundwater;</li> </ul>             |



| Requisite Component                                                                                         | Description & Assessment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                             | <ul style="list-style-type: none"> <li>Metals including hydride forming metal (HFM) and other regulated parameters (ORPs) in soil and groundwater;</li> <li>Volatile Organic Compounds (VOCs) in soil and groundwater; and,</li> <li>Polychlorinated Biphenyls (PCBs) in soil.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| iii. The potential for underground utilities, if present, to affect contaminant distribution and transport, | In general, potential migration pathways for subsurface contaminants at the Site would consist of buried services or remnants of former buried services. Locations of former services are provided in Figure 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| iv. Available regional or site specific geological and hydrogeological information.                         | <p><b>Site &amp; Regional Topography:</b> The Site is generally flat. No major topographic features are mapped on the Site.</p> <p>The Phase One Study Area slopes uniformly toward the Ottawa River (located approximately 225 m north of the Site)</p> <p><b>Approximate Site Elevation:</b> 64 m above sea level (asl).</p> <p><b>Surface Water Drainage:</b> Overland.</p> <p><b>Inferred Groundwater Flow Direction:</b> Based on the topography and the shallow groundwater flow as an inherently subdued reflection of the topography, shallow regional groundwater flow is anticipated to be to the northwest.</p> <p>However, periodic changes in the local groundwater flow regime may be affected by dewatering operations in the vicinity of the Site associated with construction activities.</p> <p><b>Physiography and Soil Stratigraphy:</b> Quaternary geology maps describe the Study Area in an area of undifferentiated, predominantly a sandy silt to silt matrix, commonly rich in clasts, often high in total matrix carbonate content.</p> <p>Surficial geology maps describe the Study Area in an area of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Fluvial terraces (former edges of flood plains) oriented similar too the Ottawa River were noted to the northeast and south of the Site. Meltwater channels were noted to the west and south of the Site similarly oriented similar to the Ottawa River.</p> <p>Physiography maps describe the Study Area in an area of limestone plains.</p> <p>Bedrock geology is described as limestone, dolostone, shale, arkose, and sandstone of the Ottawa Group; Simcoe Group; and, Shadow Lake Formation</p> <p><b>Bedrock and Approximate Depth:</b> Geotechnical boreholes in the vicinity of the Site describe the drift thickness between 0 and 2 m bgs. Previous assessments at the Site are in general agreement with this observation with some limited location specific variability.</p> <p><b>Surface Water:</b> The Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04.</p> <p>The nearest water body is the Ottawa River situated approximately 225 m to the north of the Site</p> <p><b>Area of Natural Significance:</b> None at, or within 30 m of the Site.</p> |



| Requisite Component                                                                                                                          | Description & Assessment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                              | <p>Wellhead and Intake Protection Areas: Wellhead protection areas are not located within the Phase One Property, or within the Phase One Study Area. However, the entire Study Area is located in a intake protection area.</p> <p>Municipal Drinking Water System: The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system.</p> <p>Well For Consumption/ Agricultural Use: The City of Ottawa provided confirmation that all properties within the Phase One Study Area are connected to the municipal drinking water system. Based on this, it is assumed that the water supply wells (generally drilled between 1949 and 1954) are no longer in use.</p>                                                                                                                                                                                                                                                                                              |
| v. How uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the model. | <p>All areas of the Site were accessible during the Site inspection. cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review and interview components. This includes Phase One ESA work done by Golder in 2021, for which some of the historical records were collected.</p> <p>The findings of this Phase One ESA are in generally agreement with the Phase One ESA work conducted by Golder in 2021.</p> <p>Notwithstanding the above, it should be noted that Phase One ESAs have inherent limitations, and therefore findings cannot be considered definitive (i.e., the findings of a Phase One ESA are inherently associated with some uncertainty).</p> |

The following table describes the rationale pertaining to any applicable reliance on exemptions provided by Paragraphs 1, 1.1, 2 and 3 of Section 49.1 of O. Reg. 153/04.

#### RELIANCE ON EXEMPTIONS

| Exemption(s) Circumstances                                                                                                                                                                       | Rationale        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| (1.) Substance(s) applied to surfaces for safety of vehicular or pedestrian traffic under conditions of snow or ice or both.                                                                     | Relied upon.     |
| (1.1) Excess soil deposited at the property for final placement meets the soil quality standards that apply to the property as determined in accordance with the Excess Soil Standards.          | Not relied upon. |
| (2.) There has been a discharge of drinking water within the meaning of the Safe Drinking Water Act, 2002.                                                                                       | Not relied upon. |
| (3.) Applicable site condition standard deemed not exceeded if the concentrations do not exceed the naturally occurring range of concentrations typically found within the vicinity of the Site. | Not relied upon  |



The CSM is based on the following Phase One ESA summary information:

Terrapex was retained by Fengate Asset Management (Fengate) to conduct a Phase One Environmental Site Assessment (ESA) of a portion of the property located at 1047 Richmond Road in Ottawa, Ontario (the Phase 1 Development Parcel, the Phase One Property, hereinafter also referred to as the Site).

It is understood that the Client is considering redeveloping the Site to a more sensitive property-use (mixed residential and commercial use from commercial use) which will require Phase One and Phase Two Environmental Site Assessments (ESAs) compliant with Ontario Regulation (O. Reg. 153/04) under the Environmental Protection Act (*Records of Site Condition – Part XV.1 of the Act*) such that a Record of Site Condition (RSC) could be filed for the Site.

The date of the last work on the records review, interviews, and site reconnaissance required for the Phase One ESA (per Section 28 (1) (a) of O. Reg. 153/04) is June 11, 2025, the date of the most recent Site Reconnaissance visit.

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One study area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

At the time of inspection, the Site was a vacant property with no structures. It was accessible from Richmond Road.

The current registered owner of the Site is 1047 Richmond Nominee Inc., which has owned the property since 2022. The earliest commercial listing for the Site was in 1958 (Northern Garage and Holdings Limited) and subsequently Chrysler Corporation of Canada (Parkway Chrysler Ltd) between 1959 and 1982, when it was transferred to a numbered Ontario company (Marinter Ontario Ltd.); and, in 1990 was transferred to Rimosa Investments Limited to which Chrysler Canada Ltd. was a lessee in 1998.

Based on the aforementioned, the Site was used for commercial-use (auto sales and service, including a body shop) between 1959 until 2022.



Following the completion of the preliminary records review, Terrapex determined the following:

- Due to the former use of the Site for new and used car sales including a garage and autobody shop, the Site is determined to be an enhanced investigation property.
- The Phase One Study Area consists of the Site and properties generally located wholly or partly within 250 m from the nearest point on a boundary of the Site. It need not include any properties beyond this distance.
- Based on the above, the property is known to have been used for a PCA as early as 1959.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, seven potentially contaminating activities (PCAs), as listed in Table 2 of Schedule D of O. Reg. 153/04, or as determined by the QP, were identified within the Site resulting in seven areas of potential environmental concern (APECs). A further 16 PCAs were identified within the Phase One Study Area, none of which resulted in an APEC at the Site.

Based on the findings and results of the Phase One ESA, it has been concluded that an RSC could not be filed for the Site based solely on the results of this Phase One ESA. A Phase Two ESA is required in order to meet the conditions required to file a RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.



## **APPENDIX XII**

### **QUALIFICATION OF THE ASSESSORS**



**Position:** Senior Project Manager, Ottawa Office

**Qualifications:** B.Sc. (Eng) Environmental

|                    |                                            |                  |
|--------------------|--------------------------------------------|------------------|
| <b>Experience:</b> | Terrapex Environmental Ltd.                | 2003 to present  |
|                    | Terrapex Environnement Ltée.               | 2000 to 2003     |
|                    | Regional Municipality of Ottawa – Carleton | May to Sep. 1999 |

Mr. Brown is a senior project manager responsible for supervising site assessments, and remediations for various residential, commercial and petroleum clients. Mr. Brown has conducted numerous Phase I/One Environmental Site Assessments (ESA), including historical research, site inspection and report preparation. Mr. Brown has extensive experience in Phase II/Two ESAs, small- and large-scale site remediations (both in-situ and ex-situ), environmental monitoring programs for sites impacted with petroleum, VOCs, PAHs and/or heavy metals, air sampling, peer reviews, and data interpretation. Mr. Brown is registered with the Ontario Ministry of the Environment, Conservation and Parks (MECP) as a Qualified Person (QP) for undertaking Environmental Site Assessment activities and certifying Records of Site Condition (RSC). He also provides senior technical review on all reports/correspondence issued for his projects. More recently, Mr. Brown has assumed a supervisor role responsible for personnel management, and quality control. His major clients have included Parkland Corp., Valero Energy Inc., Canadian Tire, Tim Hortons, and Minto Properties Inc.

**Representative projects include the following:**

Parkland Corp. Account Manager and Senior Technical Reviewer. Since 2013, Mr. Brown has been responsible for assigning work requests in Ontario. This includes managing projects (administering budgets, allocating technical resources, arranging subcontractors, and adhering to schedules), regular client updates; conducting data review/analysis; preparing ESA and remediation workplans and budget estimates; data interpretation, overall QA/QC of correspondence and reports, reviewing invoices and liaising with the public and regulatory agencies if required.

Valero Energy Inc. Account Manager and Senior Technical Reviewer. Since 2019, responsible for overseeing compliance sampling, site assessments and site investigations, overall QA/QC of correspondence and reports, and liaising with regulatory agencies if required.

Project Manager, Senior Technical Reviewer and QP for a project to complete a risk assessment and obtain a Record of Site Condition (RSC) of a petroleum hydrocarbon impacted site in Ottawa. This project included a data gap analyses, completion of a Phase One and Two ESA, supplemental investigations to assess soil vapour and sub-slab soil vapour conditions, development of a conceptual site model, preparation of a human health and ecological risk assessment, liaison with the MECP and other stakeholders.

Project Manager, Senior Technical Reviewer and QP for the completion of a multi-stage Phase Two ESA as part of the proposed development of a bulk fuel. Mr. Brown reviewed the previously completed Phase One ESA to identify any data gaps, developed the sampling and analysis plan to assess all the areas of potential environmental concern (APECs) for the identified contaminants of concern (COCs), directed the assessment work, reviewed the analytical results, developed the conceptual site model (CSM) and had overall responsibility for the Phase Two ESA in accordance with the requirements of O. Reg. 153/04.

Project Manager, Senior Technical Reviewer for a remediation project that included the excavation around the perimeter of two adjacent residences to expose the foundation and to allow for removal of a waterproofing membrane previously applied by others that was linked to chemical odours in the residences. It was further determined that during application the waterproofing product had been diluted with a xylene-based solvent. The former waterproofing membrane was removed and necessary remediation was conducted, including excavation beneath the footing of one of the residences to excavate contaminated soil. In total 412.12 tonnes of soil and 3,620 L of water was pumped from the excavation as part of the remediation. Terrapex also assist with monitoring vapour concentrations inside the residences over the course of the project (indoor air sampling was conducted by another consultant).



**Position:** Project Engineer, Smithers, BC

**Qualifications:** Professional Engineers of Ontario (PEO)  
Engineers and Geoscientists British Columbia (EGBC)

**Experience:** Terrapex Environmental Ltd. 2009 to present  
DST Consulting Engineers Inc. 2009

Mr. O'Bright has experience working on all stages of environmental site assessment (ESA) and remediation projects. He is a *Qualified Person* who can file RSCs on the MECP's Brownfields Environmental Site Registry using numerical standards and is Terrapex's *Responsible Registrant* for Professional Practice in British Columbia.

Mr. O'Bright is routinely conducting Phase One and Two ESAs in accordance with the CSA and O.Reg 153/04 standards, including historical records reviews, interviews, site inspections, evaluations and reporting; planning and undertaking detailed site investigations (to develop conceptual site models that fully characterize impacts); evaluating closure objectives and remedial options; supervising small and large scale site remediations (both in-situ and ex-situ) and/or implementing environmental monitoring programs based on project targets and regulatory requirements.

Mr. O'Bright also peer reviews site assessment and remediation work conducted by others.

#### **Representative projects include the following:**

*Phase One ESA:* Mr. O'Bright was responsible for historical research and review, interviews, site inspection, and report preparation in accordance with the requirements of Ontario Regulation (O. Reg.) 153/04 (as amended) under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*, in order to: determine potential sources of environmental impact; identify contaminants and media in areas of potential environmental concern; and, develop a conceptual site model (CSM) for the site.

*Phase Two ESA:* Based on a Phase One CSM developed for the site, the initial investigation consisted of drilling boreholes and installing monitoring wells, soil sampling, soil vapour surveying, elevation surveying, and groundwater monitoring and sampling (including from the existing monitoring well network). Based on the monitoring data and analytical results from the initial investigation, additional boreholes were drilled (some completed as monitoring wells or soil vapour probes) to fully delineate identified soil and groundwater impacts at the site. Soil vapour and indoor air samples were also collected. Mr. O'Bright completed the work program and reported the findings of the Phase Two in accordance with O.Reg 153/04. The Phase Two CSM was used as the basis for a Risk Assessment at the site to file a Record of Site Condition with a Certificate of Property Use (CPU).

*Designated Substance Survey:* Mr. O'Bright completed an inspection, sampling various building materials suspected of containing asbestos, lead, mercury and/or other designated substances as listed in the Ontario Occupational Health and Safety Act (R.S.O. 1990,c.E.19). Mr. O'Bright prepared specifications for contractors in terms of the abatement required to address the identified asbestos- and lead-containing materials during the building demolition.

*Assessment and Remediation of Hydrocarbon Impacted Soil:* Mr. O'Bright conducted an extensive test pit program to delineate the extent of previously identified hydrocarbon impacted soil at the site, which involved soil sampling, soil vapour surveying, and soil classification. Based on a review of analytical results, Mr. O'Bright determined that there were three distinct zones of impact and estimated total volumes of impacted soil. Mr. O'Bright supervised the excavation of impacted soil and collected confirmatory soil samples at the extent of the excavations. Completed excavations were backfilled with soil deemed suitable for re-use (based on analytical results) and imported fill. Impacted soil was sent off-site to a MECP-licensed facility.

*Assessment and Ongoing Groundwater Remediation:* As part of an on-going contaminant management plan where the groundwater plume was delineated but was not decreasing in concentration and impacted soil identified could not be removed due to geotechnical limitations. Mr. O'Bright supervised the injection of a chemical oxidant into identified soil impacts in both the saturated and unsaturated zones. Mr. O'Bright conducted several pre- and post-injection groundwater monitoring and sampling events and interpreted several years of monitoring and analytical data. Mr. O'Bright presented a historical trend analysis showing that the oxidant injections have been effective in reducing the groundwater plume concentration.

*Peer Review:* Mr. O'Bright reviewed affidavits documenting a heating oil loss and the subsequent remedial effort conducted by others. Mr. O'Bright summarized the environmental reports and tabulated the associated costs and presented the summaries in figures, tables, and charts in support of expert witness testimony.