PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

1047 Richmond Road, Ottawa, Ontario



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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 Ste 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

Address:	1047 Richmond Road, Ottawa, Ontario	
Property Identification Numbers:	Parts of 03970-0109 (LT) and 03970-0105 (LT), as indicated on the annotated plan of survey provided in Appendix I	
Legal Descriptions:	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	



UTM Coordinates (centre of Site): Easting: Northing:	18T 439,032 m 5,024,858 m		
Name and Address of Owner:	1047 Richmond Nominee Inc. c/o Fengate Asset Management 2275 Upper Middle Road East, Suite 700 Oakville, Ontario, L6H 0C3		
Name and Address of Authorizing Party:	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		
Current Condition and Use(s):	Vacant, Former Commercial Property		
Structures:	None		
Site Area (as shown in the Plan of Survey and Concept Plan provided in Appendix I):	Part 1 – 74.3 m² (future conveyance to City) Part 2 – 48.2 m² (future transit stop) Part 3 – 1,000 m² (future dedicated parkland) Part 4 – 5,034 m² (future 37-storey mixed use building) Part 6 - 29.0 m² (future at grade area with intake / exhaust grate) Total – 6,185.5 m²		
Occupants (current):	None		
Other facilities of note:	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, Vollebekk 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	Two residences and 12 tourist cabins were located on-Site	The Canadian Pacific Railway and Ottawa Electric Railways were located to the north and south of the Site 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) 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)	On-Site PCAs/concerns: None Off-Site PCAs/concerns: 28 - Gasoline and Associated Products Storage in Fixed Tanks 55 - Transformer Manufacturing, Processing and Use
1976 Site Plan	Plan showed the outline of a car dealership with a small showroom, a larger garage area, office and, parts storage rooms	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops
1976 Report	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	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops
1982 Report	In the 1982 property fire rating report form, the land-use was similar to 1976	• NA	On-Site PCAs/concerns: 10 – Commercial Autobody Shops



Year	Features of Site	Features of Surroundings	PCAs/Potential Concerns
1994 Report	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. Waste oil was stored in an AST located outside the building (specific locations were not provided).	• NA	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 m², 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 inground). 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 ¹	Year(s)	Listing(s)	Potential PCAs ² /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	Palmers 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

¹ Direction and approximate distance to nearest Site boundary

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



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

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)#	Details	PCA ³ s/Potential Concerns
1047 Richmond Road	The Site	CA EASR	1997 2012	Waste Oil Furnace Automotive Refinishing	10 – Commercial Autobody Shops
		GEN	2021	Waste Oil/Sludges	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	50 m south	SPL	2020	50 L diesel fuel	Other - Spill
New Orchard Ave. (Ottawa LRT)		SPL	2021	20 L hydraulic oil	
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	1995	Tops Car Wash	28 - Gasoline and
		GEN	2002-04	Light Fuels	Associated Products Storage in Fixed Tanks
		DNTK	2001	Expired Facility	Otorage III i ixed Tariks
		EXP	1988	3 x 22,700L gasoline UST	
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

direction and approximate distance to nearest Site boundary



² For SCT listings, the year is the year the company was established.

³ 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;
 - o 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 ¹	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 ¹	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)	Palmers 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

¹ 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	Generally forested with one building visible along the western property limit	Richmond Road and New Orchard Avenue are visible to the south and west of the Site, respectively	On-Site None
			 Rail lines are visible to the north an south of the Site, oriented in an approximate east/west direction. 	Off-Site None
			 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. 	
			 Development in the Study Area appears sparsely residential otherwise. 	



Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
1958	geoOttawa	At least three structures are visible on the western portion of the Site. The remainder appears unchanged (forested).	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. A service station is visible further to the southwest along Richmond Road (current 1075 Richmond Road). Residential development is visible south of Byron Avenue. No other significant changes since 1946 are visible.	On-Site None Off-Site 28 - Gasoline and Associated Products Storage in Fixed Tanks
1965	geoOttawa	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)	The reported carwash is visible to the northeast of the Site just beyond the forested area (current 979 Richmond Road). 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. 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. No other significant changes since 1958 are noted.	On-Site 10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site 28 - Gasoline and Associated Products Storage in Fixed Tanks
1976	geoOttawa	No significant changes on- Site since 1965 although more parked cars are visible.	 The rest of the 1047 Richmond Road property appears to be a finished parking area with parked cars visible. A larger building is under construction to the northeast of the Site between the Site and the carwash. Other large residential towers are visible to the western extent of the Study Area. A building (current seniors' residence) is visible to the north of the Site. 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. 	On-Site 10 – Commercial Autobody Shops 28 - Gasoline and Associated Products Storage in Fixed Tanks Off-Site None



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



Year	Source	Key Features - Site	Key Features - Surroundings	Possible PCAs/APECs
2021 (cont'd)	geoOttawa			Off-Site None
2024	Google Earth	On-Site buildings have been demolished, and the Site is vacant.	No other significant changes on-Site since 2021.	On-Site None Off-Site None

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

Site & Regional Topography:	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)			
Approximate Site Elevation:	64 m above sea level (asl).			
Surface Water Drainage:	Overland.			
Inferred Groundwater Flow Direction:	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).			
Physiography and Soil Stratigraphy:	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			
Bedrock and Approximate Depth:	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

Surface Water:	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.	
Area of Natural Significance:	None at, or within 30 m of the Site.	
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.	
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.	

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	SEL	ECTED	WATER	WELL	RECORDS
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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

Name and Position of Knowledgeable Person:	Mr. Lee Marlow Development Coordination with Fengate	
Interview Date:	July 4, 2024 (via email)	
Limitation(s) of Knowledge:	Mr. Marlow has been involved with the Site since 2021	
Site History, Use(s):	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.	
Knowledge of Previous Environmental Reports:	Mr. Marlow was not aware of any previous environmental assessment work conducted at the Site.	
Current or Previous Fuel or Chemical Storage: Mr. Marlow had no knowledge of the previous garage operations.		
Knowledge of Spills, Leaks, Discharges:	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 ¹	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.

¹ 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 ¹	None observed			
Unidentified Substances	None observed			

¹As 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
	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
Land Use	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
	Northeast	Honda dealership with automotive service garage
PCA ¹	West	Suspected hydro vault
	North	Suspected backup generator with fuel storage

¹As 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 AN 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 FRIS
- 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 (MNRF) 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

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 ¹	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.			
Prior to 1804	Crown	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1804- 1829	Joseph Boisseau	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1829- 1833	Robert Hallowell	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1833- 1866	George Baker	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1866- 1888	Godfrey Baker	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1888- 1889	George Aiken	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1889- 1940	John B. Ullett	Undeveloped	Agricultural or Other Use	Ownership determined through the title search No information available for this time period.			
1940- 1952	Robert L. Ullett	Undeveloped	Agricultural or Other Use	Ownership determined through the title search The 1946 aerial photograph indicated the property was generally forested at the time			
1952- 1956	Nick Boosamra	Tourist Cabins	Commercial Use	Ownership determined through the title search The 1956 FIP showed 12 tourist cabins on the property			
1956- 1957	Brownlee & McKeown Limited	Tourist Cabins	Commercial Use	Ownership determined through the title search The 1956 FIP showed 12 tourist cabins on the property			



Year	Name of Owner	Description of Property Use	Property Use ¹	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1957- 1958	Charles A. Brownlee & Patrick McKeown	Tourist Cabins	Commercial Use	Ownership determined through the title search The 1956 FIP showed 12 tourist cabins on the property The 1958 aerial photograph indicated there were building on the property
1958 - 1959	Northern Garage and Holding Limited	Tourist Cabins	Commercial Use	Ownership determined through the title search The 1956 FIP showed 12 tourist cabins on the property The 1958 aerial photograph indicated there were buildings on the property
1959- 1971	Chrysler Corporation of Canada	Car Dealership and Automotive Garage	Commercial Use	Ownership determined through the title search The 1965 aerial photograph indicated the property had been developed as a car dealership
1971- 1982	Parkway Chrysler Plymouth Ltd.	Car Dealership and Automotive Garage	Commercial Use	Ownership determined through the title search The 1976 aerial photograph indicated the property had been developed as a car dealership
1982- 1990	505432 Ontario Limited Marinter (Ontario) Ltd.	Car Dealership and Automotive Garage	Commercial Use	Ownership determined through the title search Property Fire Rating Report indicated continued use as a car dealership with autobody shop
1990- 2022	Rimosa Investments Ltd.	Car Dealership and Automotive Garage	Commercial Use	Ownership determined through the title search The 1991 aerial photograph indicated the property had been developed as a car dealership
2022- present	1047 Richmond Nominee Inc., 1047 Richmond Investment GP Inc.)	Car Dealership and Automotive Garage	Commercial Use	Ownership determined through the title search Information provided by the Client indicates that the car dealership remained in operation until 2023 when the building was demolished. The property has been vacant since November 2023

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 ¹	Potentially Contaminating Activity ²	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 ¹	Potentially Contaminating Activity ²	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- lcing 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 ¹	Potentially Contaminating Activity ²	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	Palmers 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 ¹	Potentially Contaminating Activity ²	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 ¹	Potentially Contaminating Activity ²	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

¹ As shown on Figure 4.



² 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 ¹	Location of Area of Potential Environmental Concern on Phase One Property		Potentially Contaminating Activity ²	Location of PCA (On-Site Or Off-Site)	Contaminants Of Potential Concern ^{3,4}	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: Tanks	28 - Gasoline and Associated Products Storage in Fixed	Off-Site	PHCs BTEX Metals	Groundwater
APEC 3	Northern portion of the Site	PCA 3: Tanks	28 - Gasoline and Associated Products Storage in Fixed	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 CI	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,

⁽b) identification of potentially contaminating activity.



⁽a) identification of past or present uses on, in or under the Phase One Property, and

- 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	Cf	Cr (VI)	Low or high pH
1,4-Dioxane	PHCs	THMs	Bromomethane	Na	CN ⁻	Hg	SAR

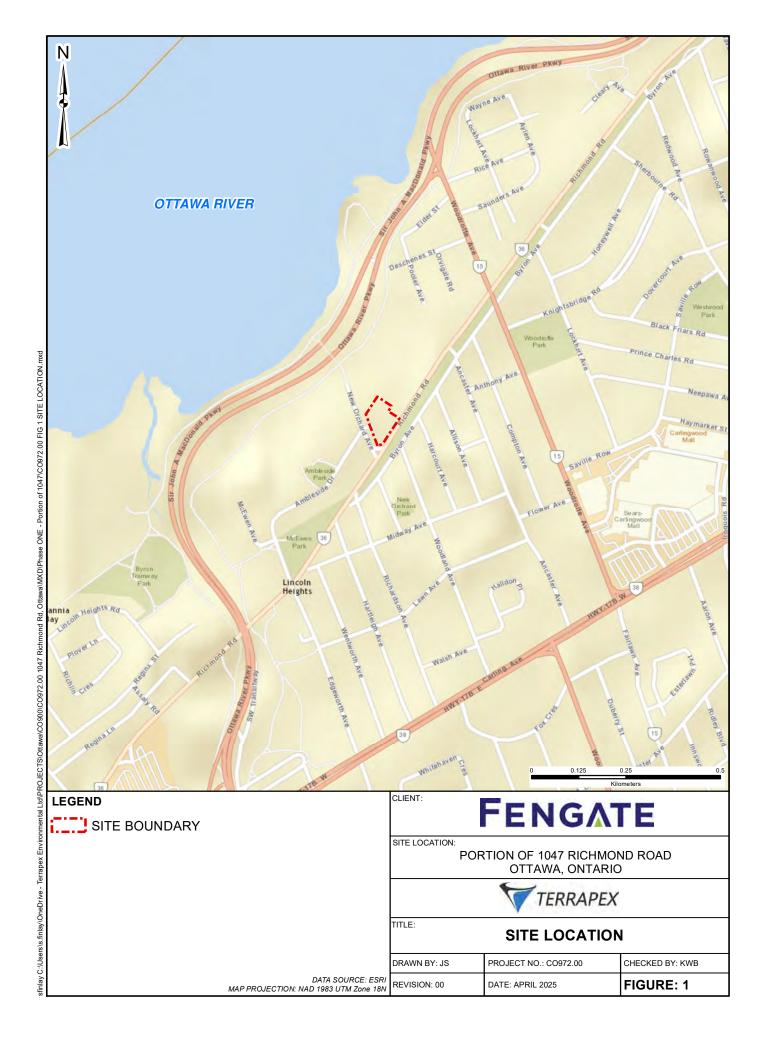
^{4 -} Where an identified contaminant of potential concern is not listed in the table that sets out the applicable site conditions standards in the Soil, Ground Water and Sediment Standards for which sampling and analysis is performed and is associated with potentially contaminating activity, the qualified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

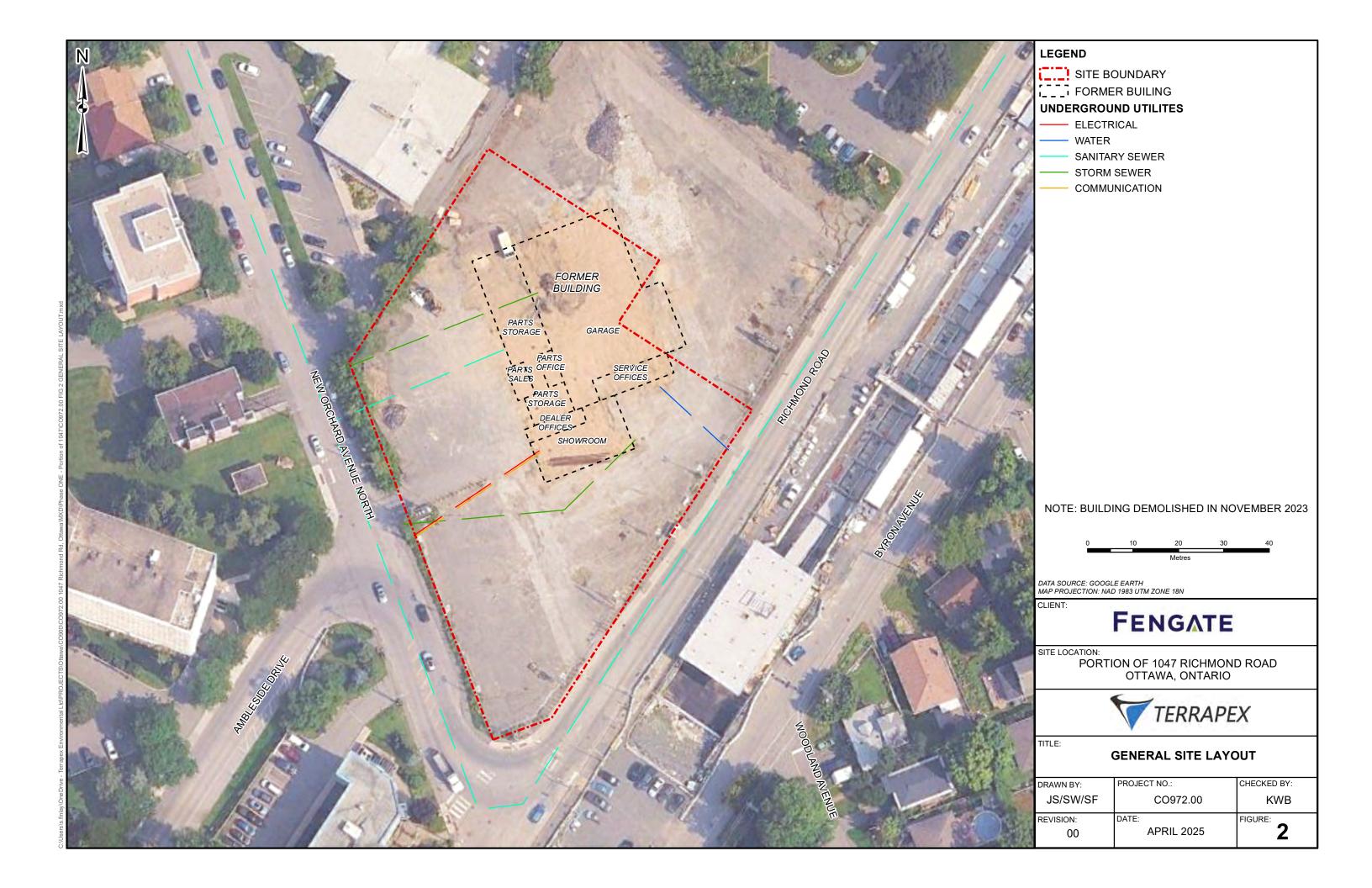


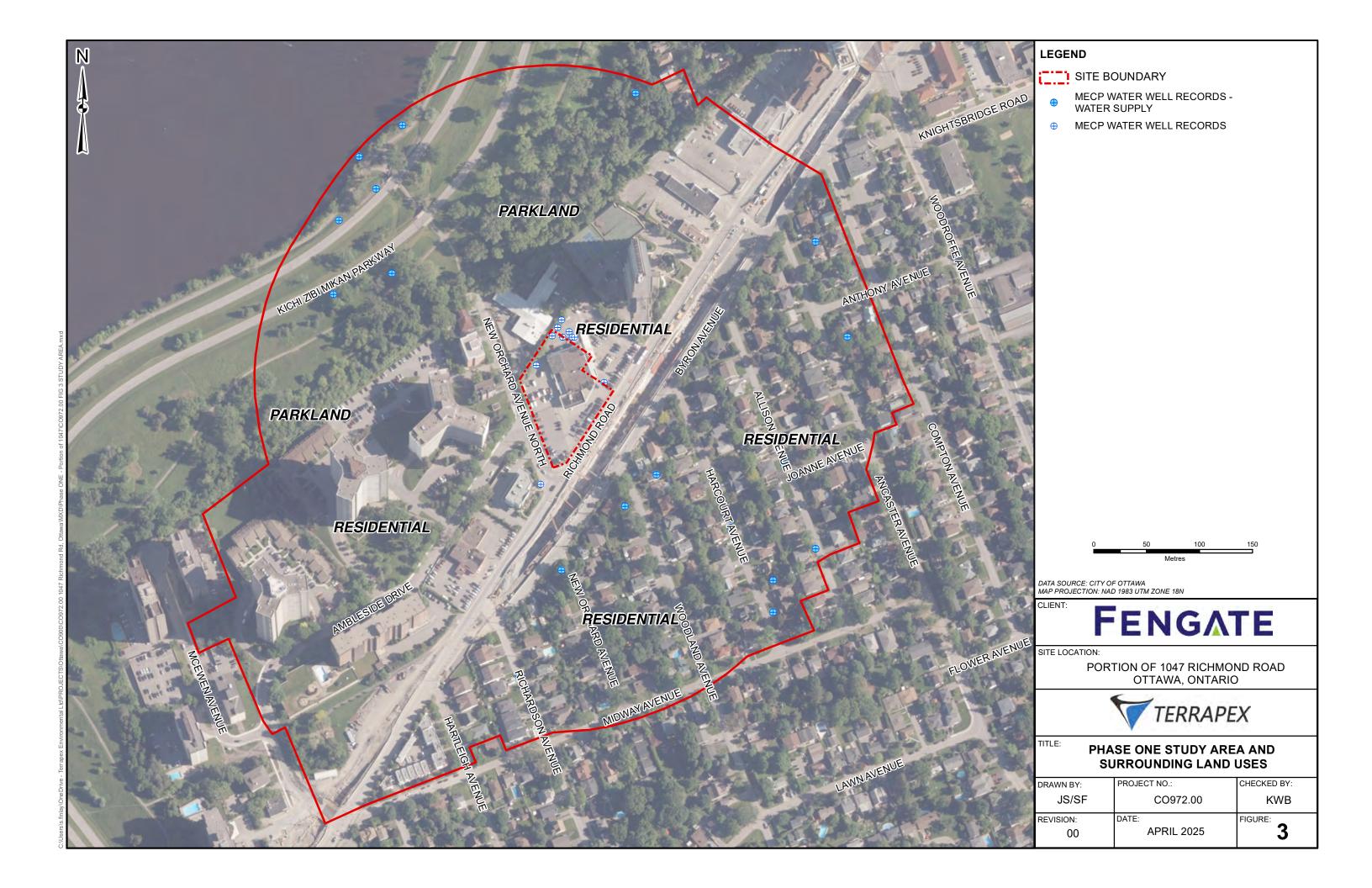
^{5 -} When submitting a record of site condition for filing, a copy of this table must be attached.

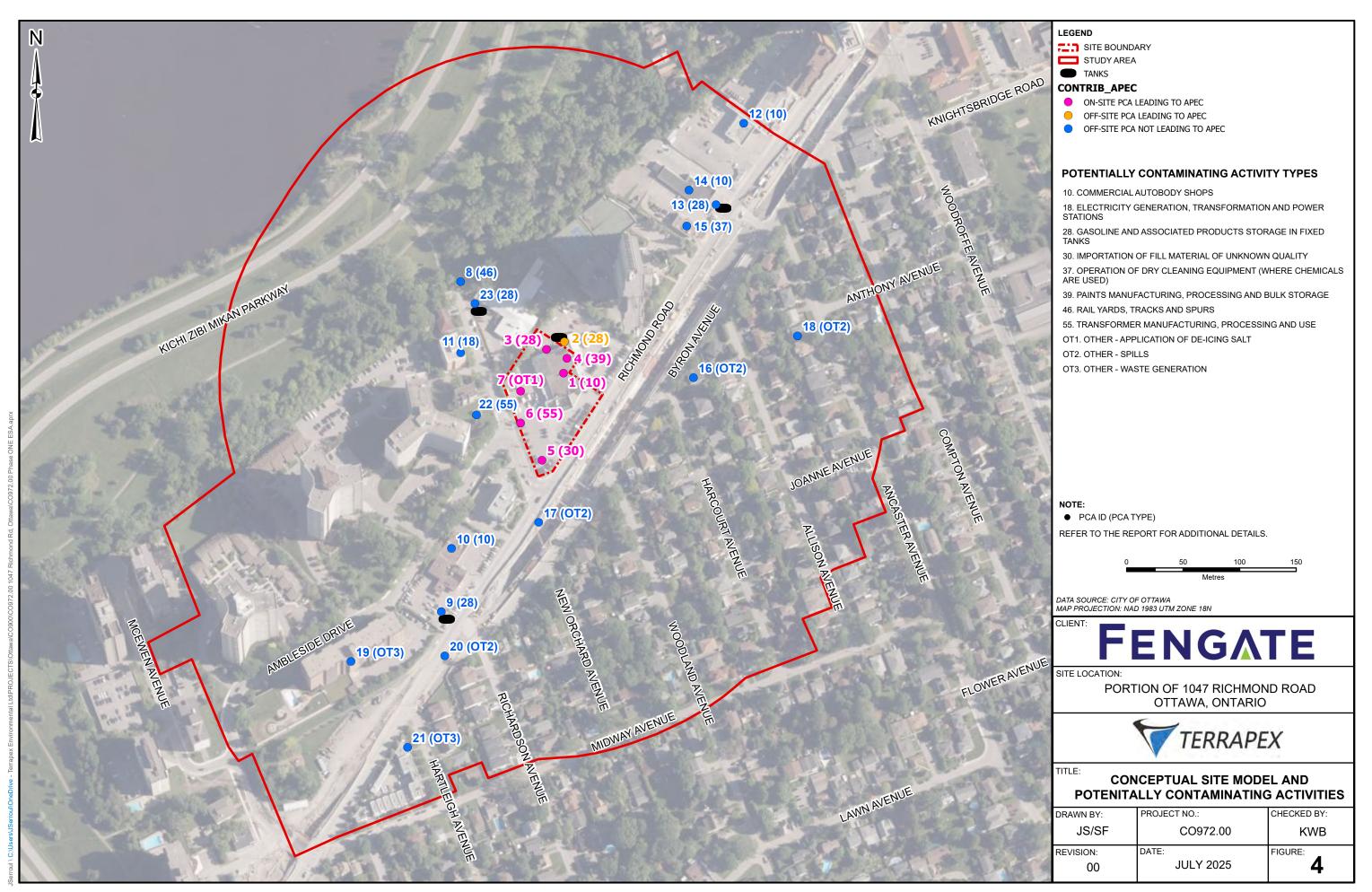
FIGURES

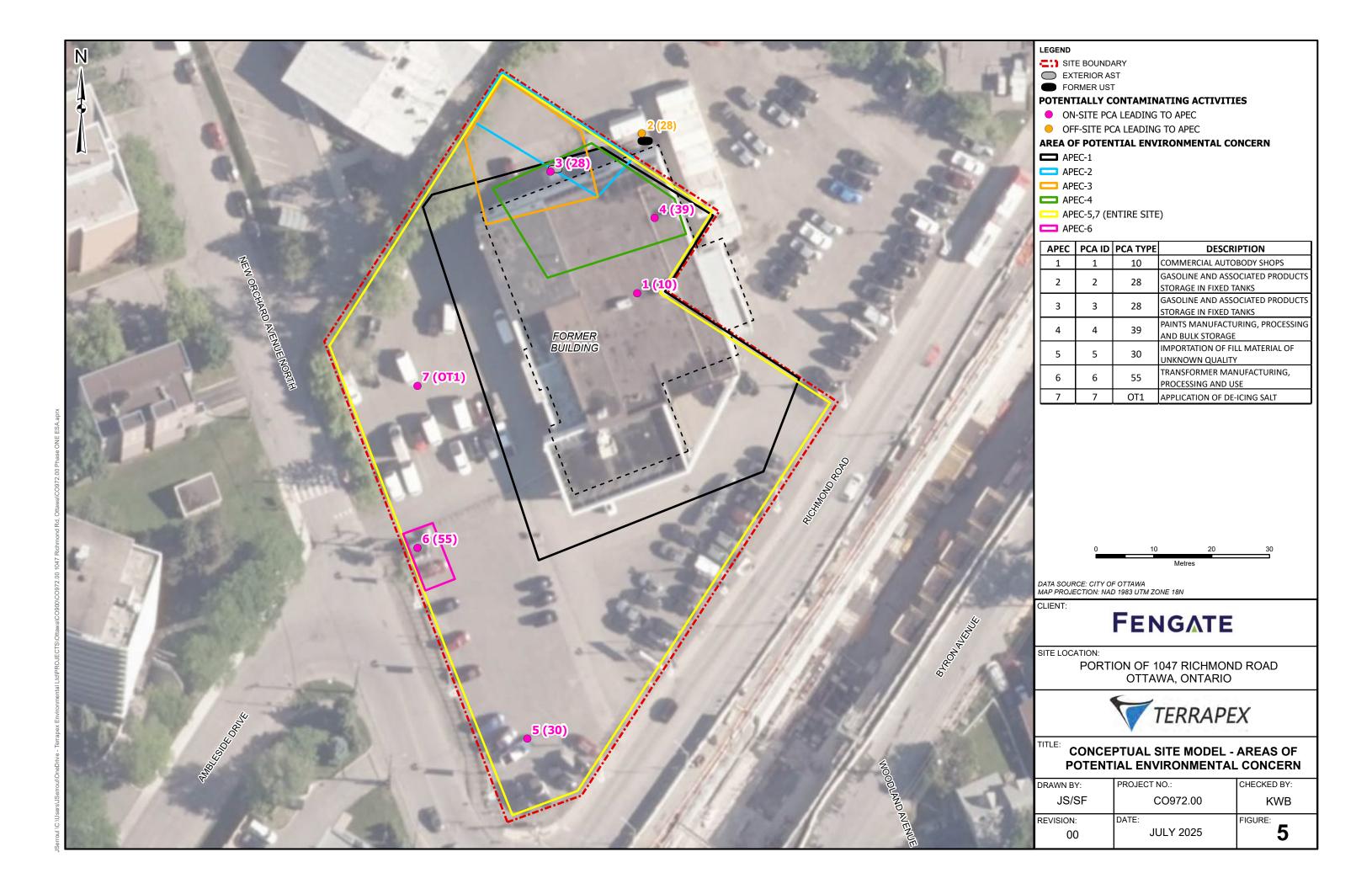






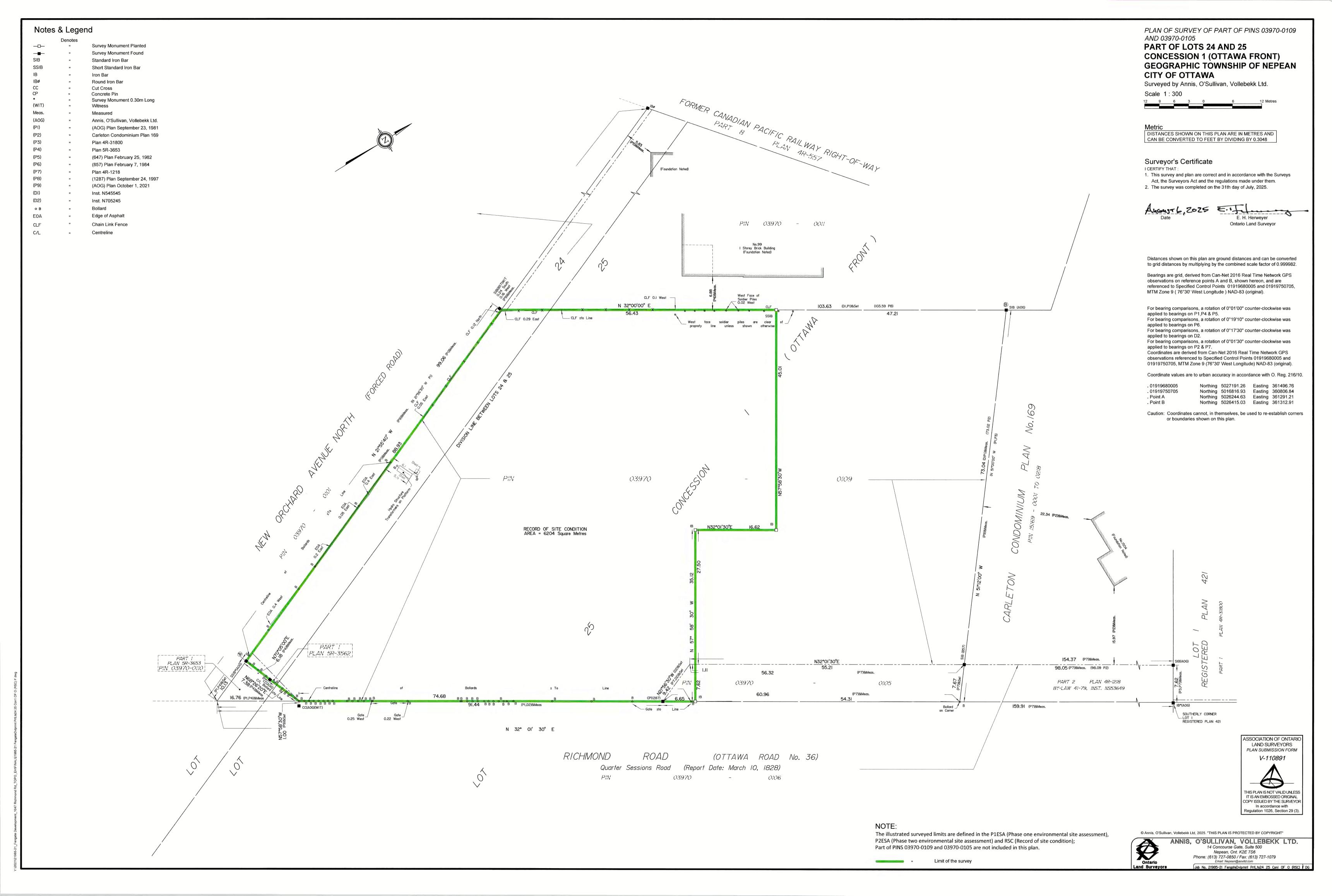


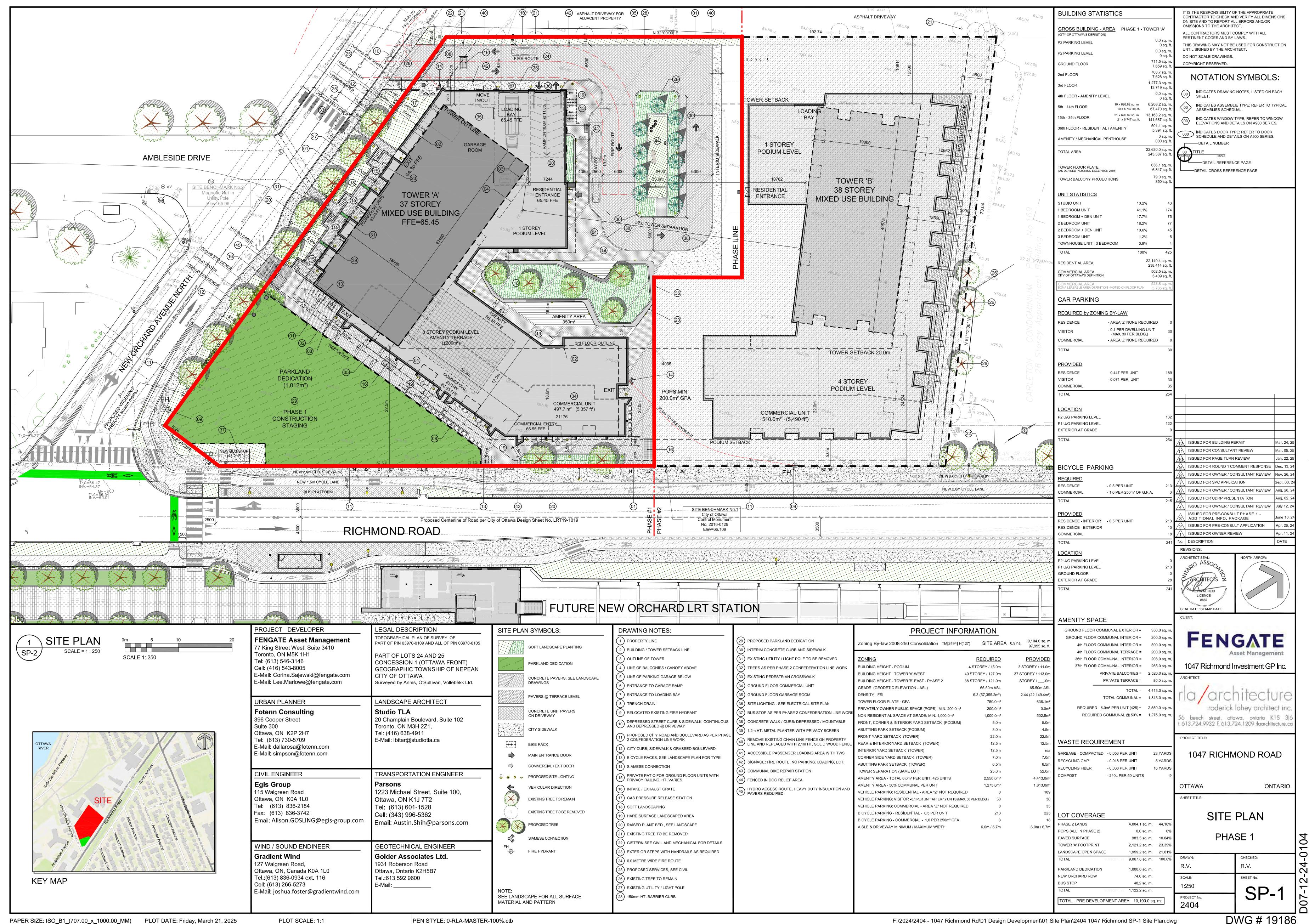




APPENDIX I PLAN OF SURVEY

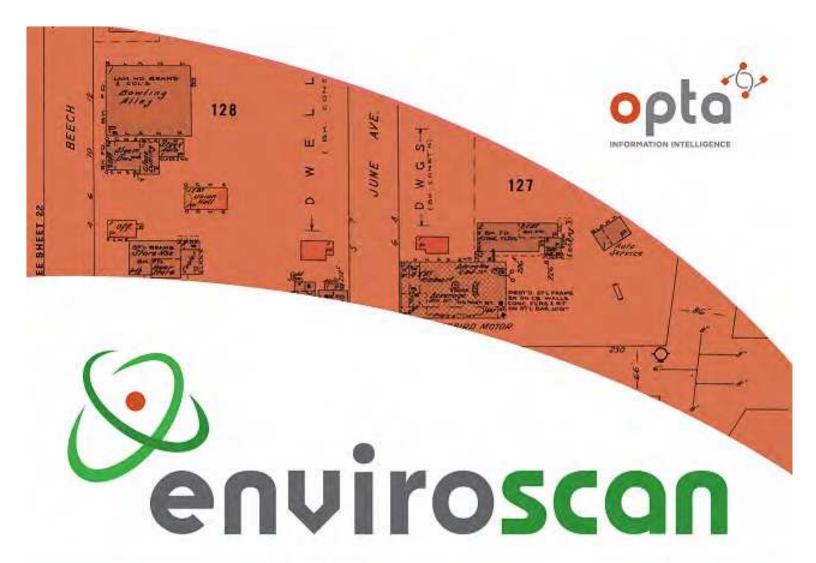






APPENDIX II FIRE INSURANCE PRODUCTS











An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T- 905-882-6300 W: 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

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Project #: 21083000552

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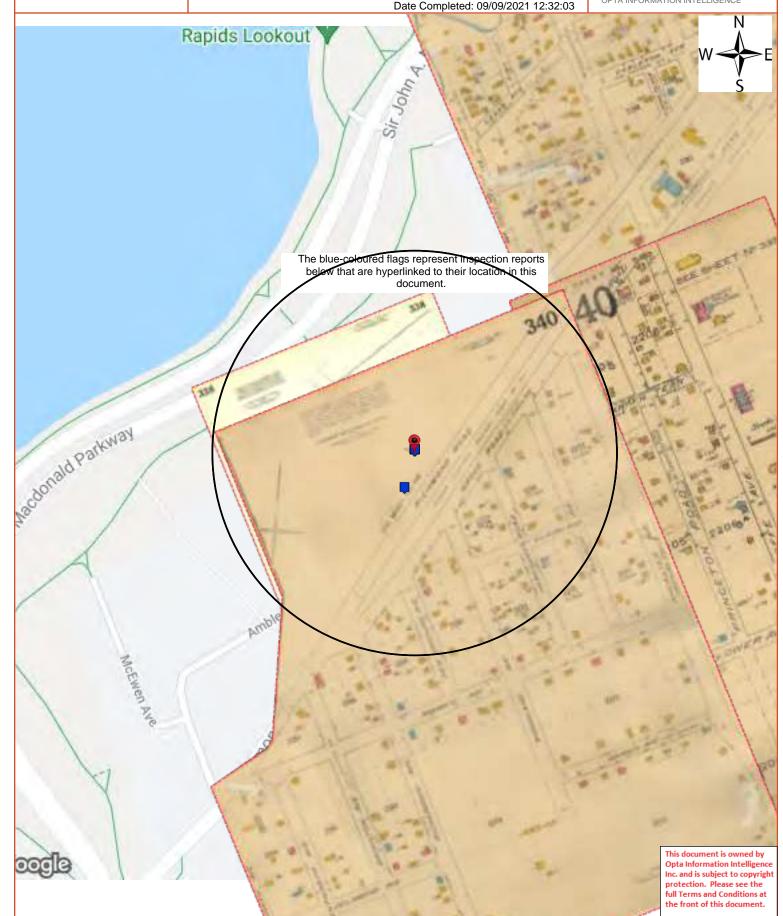
Search Area: 1047 Richmond Road Ottawa Ont

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



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Opta Historical Environmental Services Enviroscan Terms and Conditions

Requested by: Eleanor Goolab Date Completed: 09/09/2021 12:32:03



TNA

Opta Historical Environmental Services Enviroscan 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.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

F: 905.882.6300

An SCM Company

www.optaintel.ca

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Report Title

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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
Refere	nce No: 10681262 (distance = 98 metres*)

- 25 (1976) Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
- (1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
- (1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
- (1982) COMMERCIAL PROPERTY FIRE RATING FORM Report 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)

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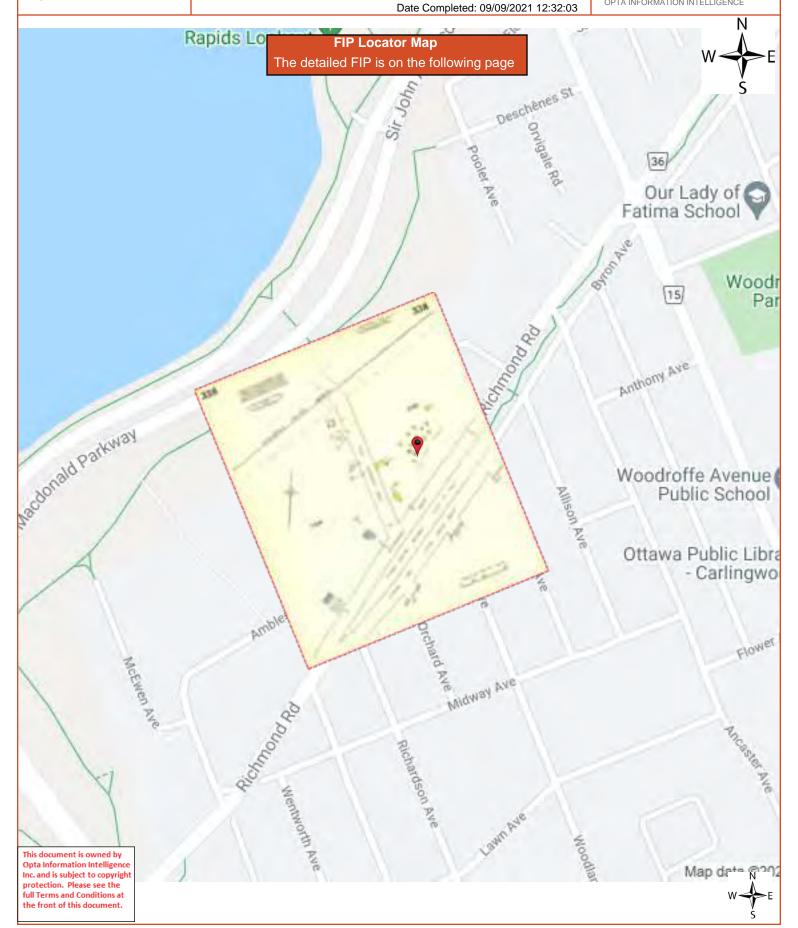
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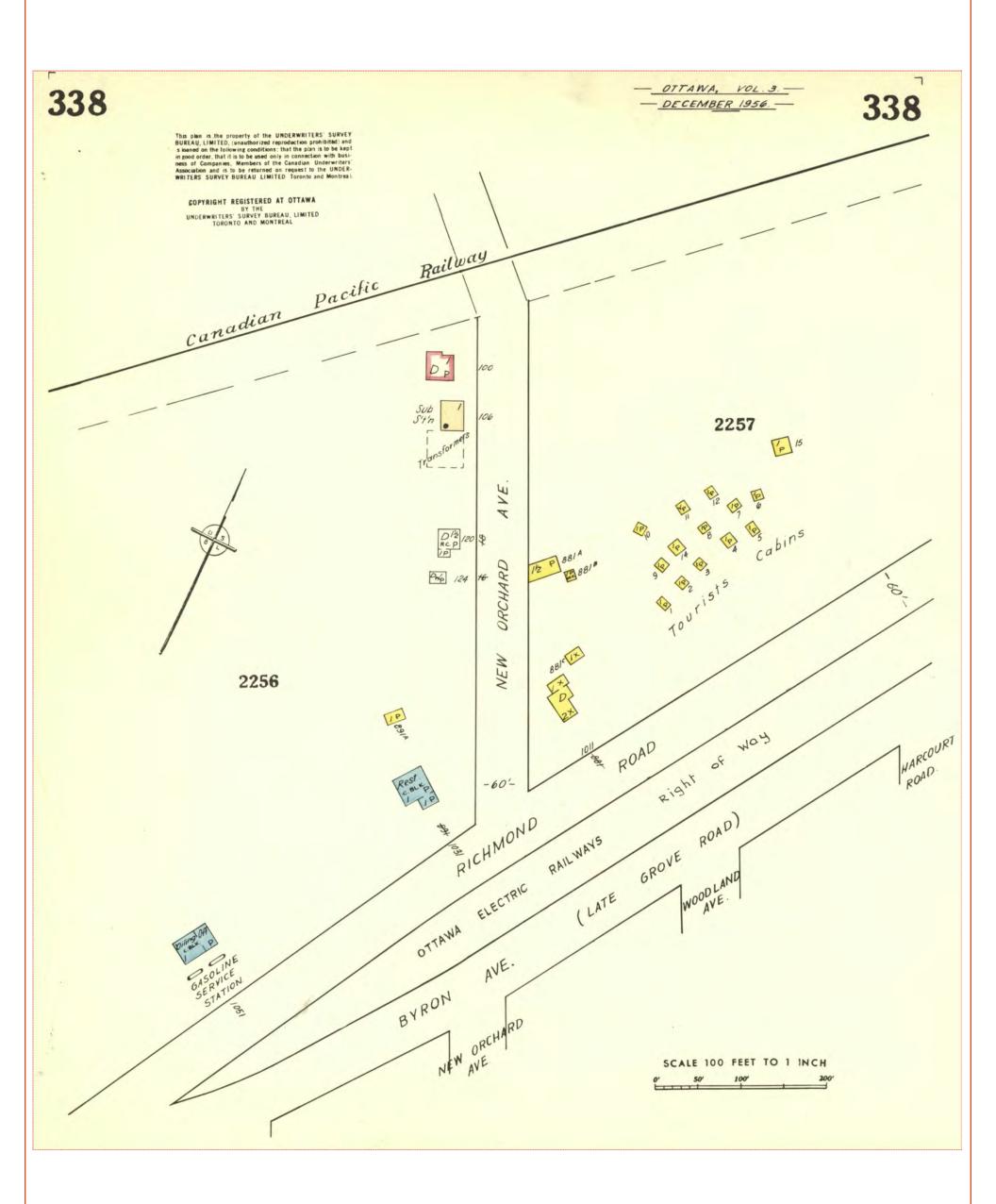
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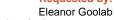
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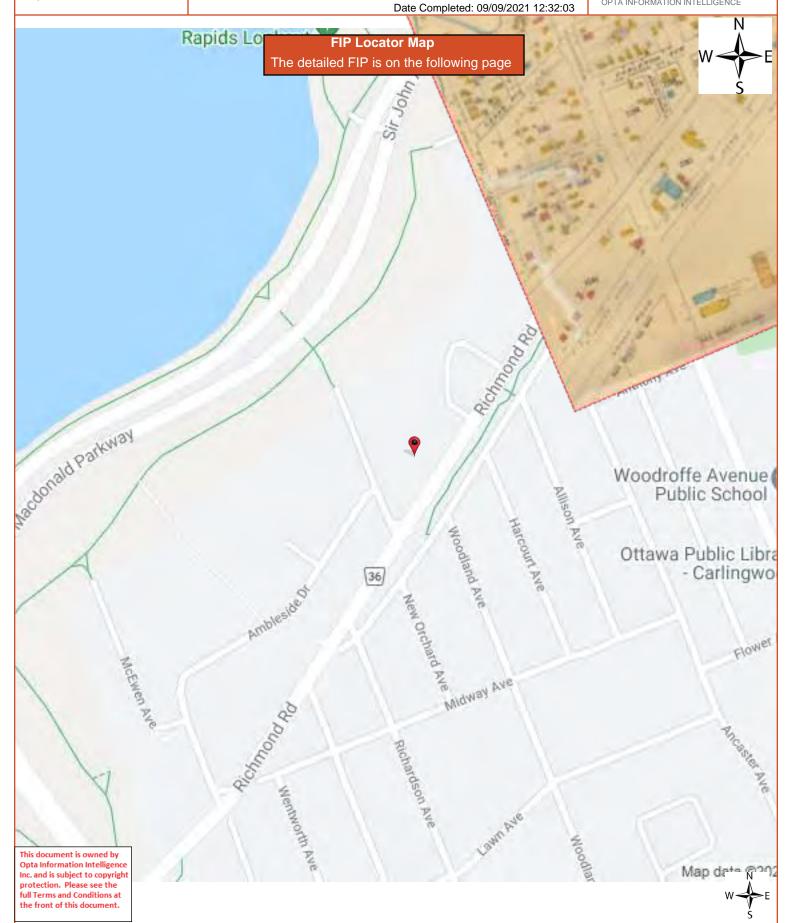
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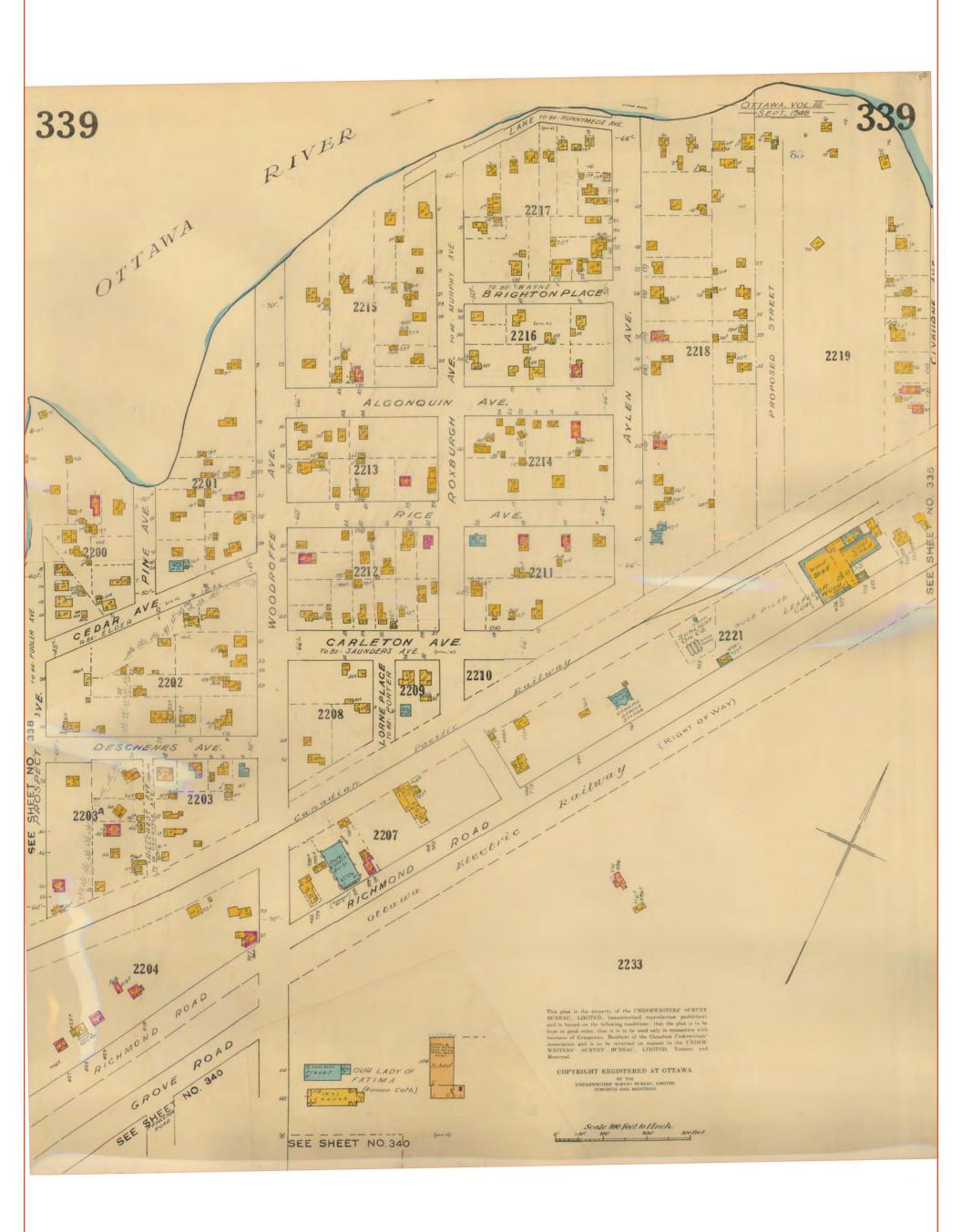
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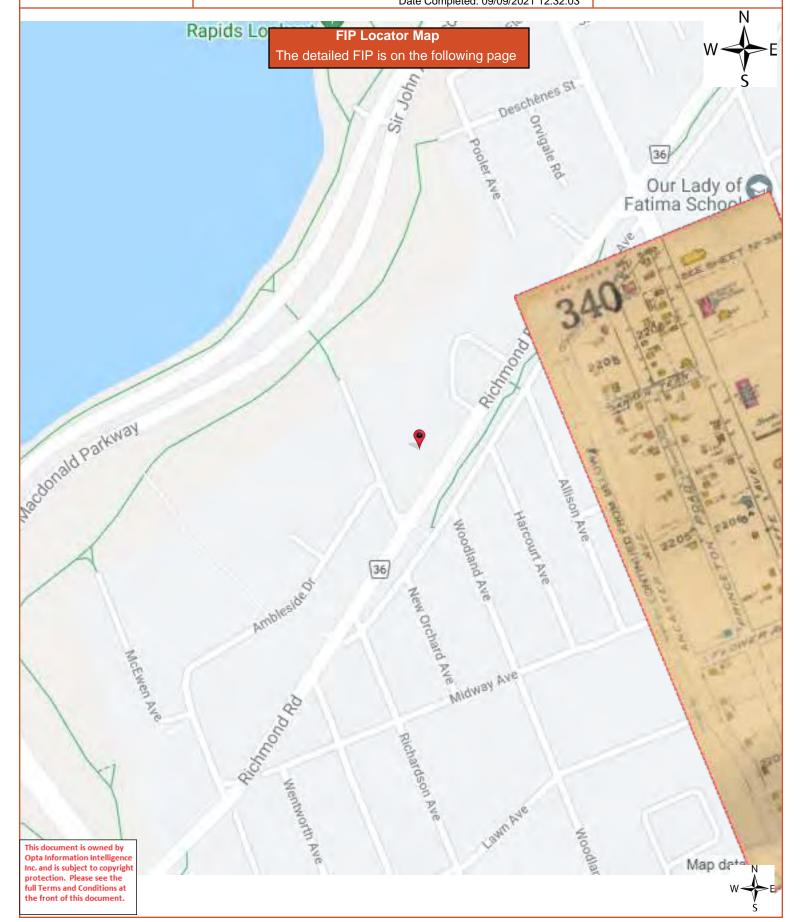
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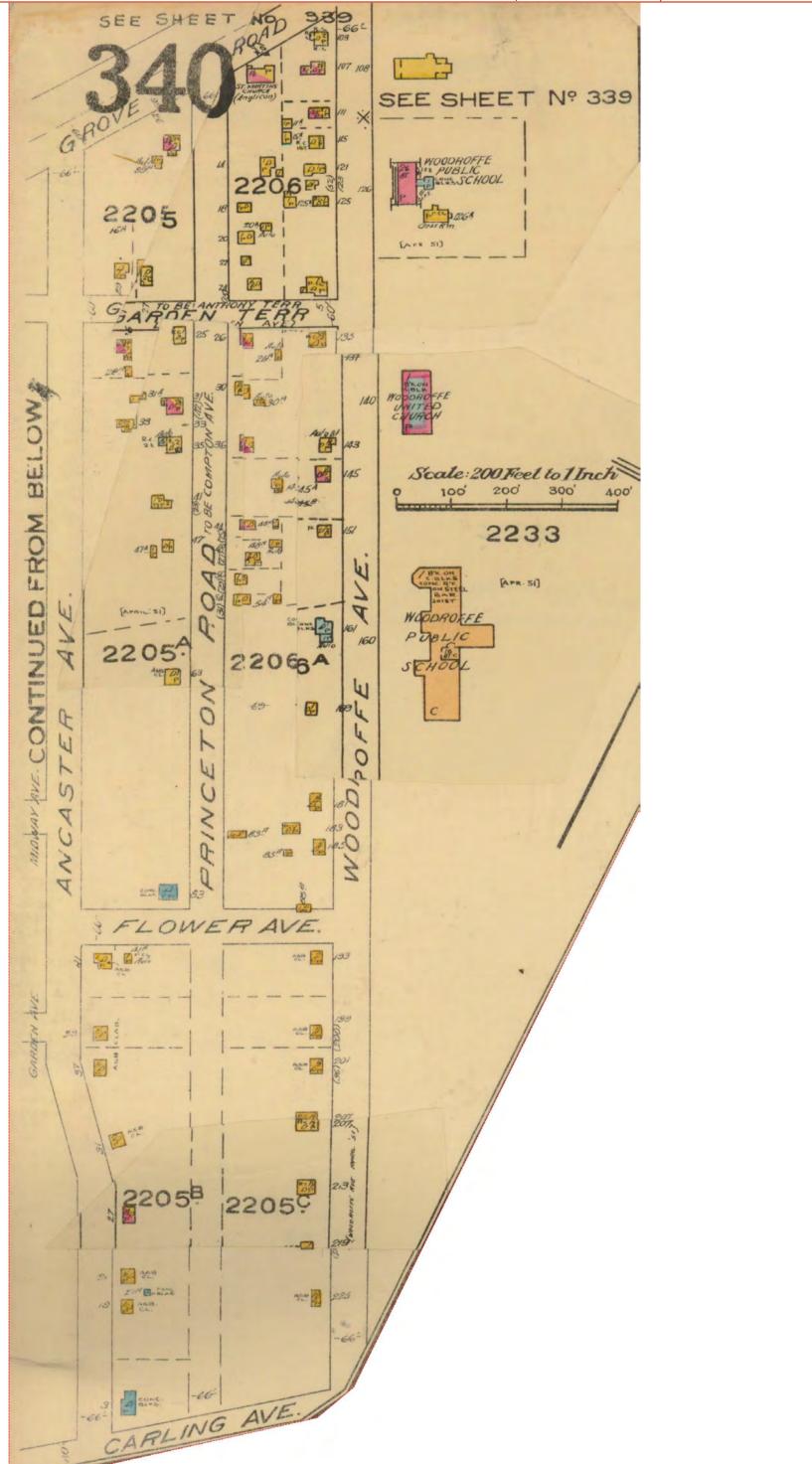
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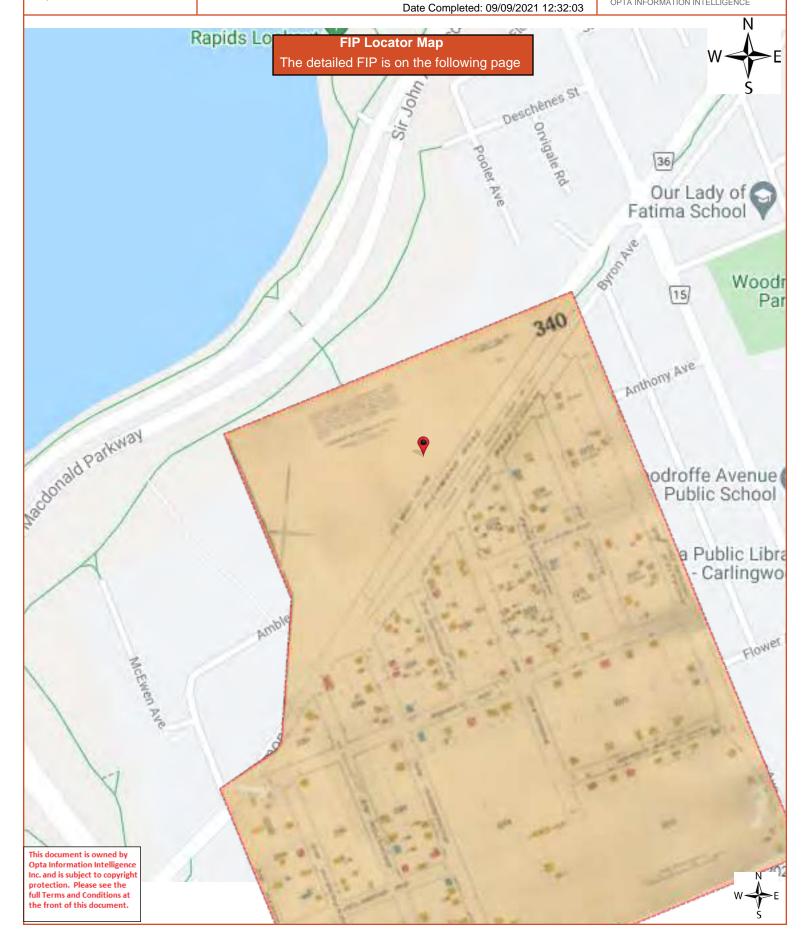
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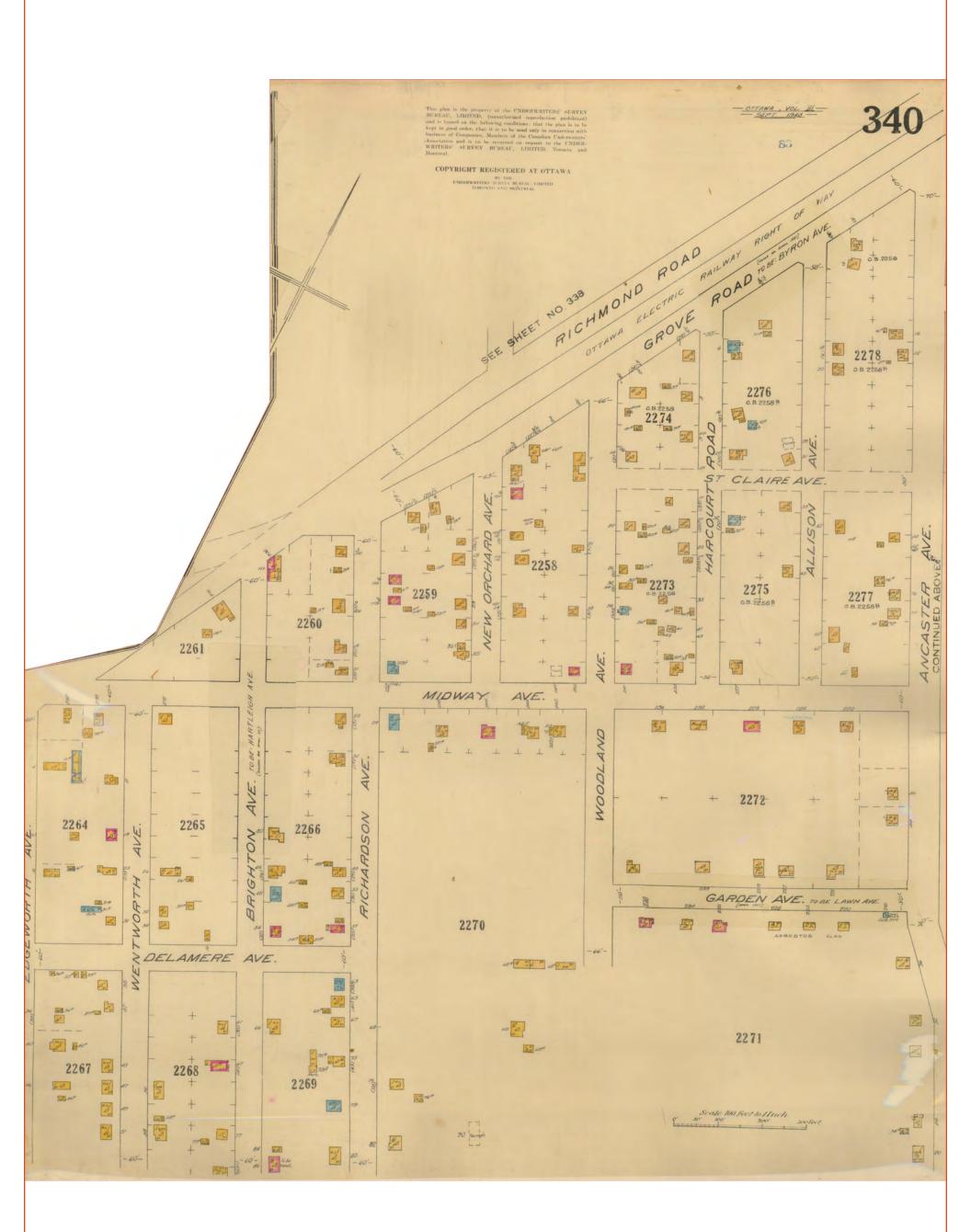
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ENVIROSCAN Report

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

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

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6P1 Peference No: 10681262 Requested by:

6R1 Reference No: 10681262

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AIS Ref No.: 10681262

NOTE: The sole purpose of this report is to provide insurance pricing and underwriting information about the particular insured and location named. Only the person requesting this survey will receive a copy of the report, and IAO asks that it be kept strictly confidential. This report does not guarantee compliance with any standards or with any federal, provincial or municipal codes, ordinances or regulations. Tests of fire and other protection equipment have not been conducted or witnessed during this survey.

TAO 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.

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH

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



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CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B Requested by: 6R1 Reference No: 10681262

AIS Ref No.: 10681262

METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

MULTIRISK - FIRE, LIABILITY AND BASIC CRIME

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 quard.

* 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,
- * Addition(s) 1992
- * There are no renovations.
- * Building condition Good
- * Area: Ground Floor 1639 sq. m Total (including basement) - 1985 sq.

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Project Name: 1047 Richmond

Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

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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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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

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Project Name: 1047 Richmond

Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6P1 Peference No: 10681262 Requested by:

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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)

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Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH

6R1 Reference No: 10681262

Eleanor Goolab



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CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B Requested by:

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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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Project Name: 1047 Richmond

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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MULTIRISK-LIABILITY

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; Inerior 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

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Project Name: 1047 Richmond

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ENVIROSCAN Report

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

MULTIRISK-BASIC CRIME

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 Accessability, Police Patrols

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

Permises 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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Project Name: 1047 Richmond

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ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

MULTIRISK - SPRAY APPLICATIONS

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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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

HAZARDS:

Page: 8

- * 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

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ENVIROSCAN Report

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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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Project Name: 1047 Richmond

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ENVIROSCAN Report

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AIS Ref No.: 10681262

METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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 propery, and be provided with gates that are locked on a nightly basis.

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Project Name: 1047 Richmond Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1

Requested by: Eleanor Goolab

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



Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1

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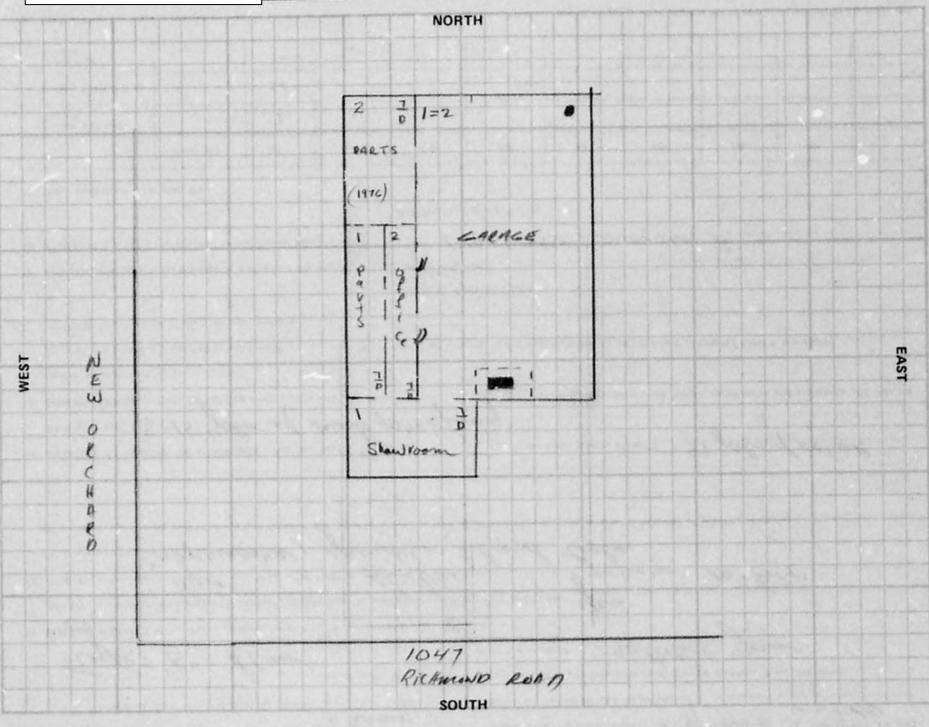
DIAGRAM

isk 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. is 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).



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I hereby state that the above questions are fully and correctly answered, and agree that they shall	I form the basis of rating to be given by the IAO
DATE NOV 18 10 76 SIGNATURE	St. Hund -

Project Name: 1047 Richmond

Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

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

Requested by:

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



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

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Page 1 (of 4) ONTARIO REGION

Mercantile Risk-Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use the	is form	n for	all Non-	Manui	acturing risks, cluding Sprinkle	and some Mered properti	anufacturing risks	with five h	ands or less, of all constructi	on,
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-			Where SPECIAL DAMAGE Materials Are Used)
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- HOUSEKE	EPING See Gene		Comments Section (Page 3) MUNICIPAL PROTECTION - (SECTION IX)
- FIRE DEP	ARTMENT: Risk	Within 2.5 km Of	Nearest Fire Hall? Yes (); No . If No - State Distance To Fire Hall: km.
- HYDRAN	TS: Two Hydrants	Within 155m of R	Risk? Yes (): No (). And All Parts Of Building Within 155m Of At Least One Hydrant (): 200mm (): 300mm (). Other (describe)
			s. Describe Deficiency (if any):
- ACCESSI	ILITY: RISK ACC	essible At Least On	One Side By Street 15m In Width? Yes (No). If No - Describe
- CONGEST	ED AREA: Conge	ested/Conflagration	n Hazard Prevails? Yes : No . If Yes, Describe Under General Underwriting
- PRIVATE	PROTECTION: Is	The state of the s	Private Protection . Or Supplement To Municipal Protection (). Describe
			INTERNAL PROTECTION - (SECTION XI)
- MANUAL	FIRE FIGHTING	QUIPMENT: Stan	ndard (): Non-Standard (). (See Occupancy Section, page 3).
	AN SERVICE: St		ding Proprietary Supervision (), Including Central Station Supervisory Ser. ().
- AUTOMA DETECTI	TIC FIRE FOON SYSTEM: F	ull Protection ::	; Partial Protection (i.e. Minimum Requirements) ; Describe (& Attach 80, for Automatic Fire Alarm Detection Systems, After Completion)
SPRINKLE	R SYSTEMS:	Protected by Autor	flow Alarm To Approved CENTRAL STATION . No Such Alarm . Total area matic Sprinklers ComprisesM2.
FIRE PRO	MITED AUTOMA FECTION SYSTEM or Than A.S.)	MS:	ntected by: HALON (; CO2 ; HIGH EXPANSION FOAM ; Other (describe)

- continued

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM OCCUPANCY & SPECIAL HAZARDS - (SECTIONS IV, V, VI & VII) - SEPARATED OCCUPANCY: Is There Any Occupant(s) Cut-Off VERTICALLY () /HORIZONTALLY ()? Yes (); No (

	ANCY D	ETAILS:	Indicate:	1) Business Name Of Each Tenant, 2) Special Hazards Including Process Operation(s) And
IVIC NO.		AREA (m2)	IBC IND.	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).
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				no body or spray painting work done.
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				note - a Devilous Egray booth is provided in the building but not in use the booth was left by the reviews transfring
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				a small stock of flemmable by ind. D Sgallon Can RM PNT 10 Thinned F.P. below D Sgallon Can Immont = 59 Reducer 73°E. Stored in Devilbus Spray Booth. - (Building Owner's Interest) - Continued on attached sheet - GENERAL UNDERWRITING COMMENTS
HOUS	EKEEPIN	VG &		a small stock of flemmable by ind. D 5 gollon can km pNT 10 Thinned F.P. below D 5 gollon can mmont = 59 Reducer 73° E. Stored in Devilbus pray Booth. - (Building Owner's Interest) - Continued on attached sheet -
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HOUS MAIN	EKEEPIN ITENAN	NG & CE:	Excellent (a small stock of flemmable liquid D 5 gallon Can KM PNT 10 Theirms F. P. below D 5 gallon Can Immont ≤ 9 Reducen 73° E. Stock in Devilbus pray Booth. GENERAL UNDERWRITING COMMENTS GOOD: Average : Poor (describe)
HOUS MAIN	EKEEPIN ITENAN	NG & CE:	Excellent (a small stock of flemmable living. D Sgallon Can KM PNT 10 Thinmed F.P. below D Sgallon Can Immont = 59 Reducer 73°E. Stored in Devilbus Spray Booth. - (Building Owner's Interest) - Continued on attached sheet -
HOUS MAIN	EKEEPIN ITENAN	NG & CE:	Excellent (D Sgallon Can KM PNT 10 Thinned F.P. below D Sgallon Can Immont ≤ 9 Reducer 73° E. Storel in Devilbus pray Booth. GENERAL UNDERWRITING COMMENTS GOOD F. Average : Poor (describe)
HOUS MAIN	EKEEPIN ITENAN	NG & CE:	Excellent (D Sgallon Can KM PNT 10 Thinned F.P. below D Sgallon Can Immont ≤ 9 Reducer 73° E. Storel in Devilbus pray Booth. GENERAL UNDERWRITING COMMENTS GOOD F. Average : Poor (describe)
HOUS MAIN NEIGH	EKEEPIN ITENAN	NG & CE:	Excellent (D Sgallon Can KM PNT 10 Thinned F.P. below D Sgallon Can Immont ≤ 9 Reducer 73° E. Storel in Devilbus pray Booth. GENERAL UNDERWRITING COMMENTS GOOD F. Average : Poor (describe)

Project Name: 1047 Richmond

Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

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



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

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SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered bldgs.) OF ALL CLASSES. 1BC CODE: TEXT. 63 IND. 57 CONS. 2 PROT.2

Location (Town and Street)	OTTAWA	RICHMAN	10 RD Ins Planes 338	. 2057 m 1047
Owned by Parking	ey Cheyell	r Pluma	uth Ho Occupied by James	
on aute desto	1 1 1	1	No. of ho	
Is building completely finished	and out of workmen's			
			OCCUPANCY	
	Give oc	cupancy, kind of work, proci	esses, machinery and number of hands on each fl	oor
Basement				

" Showroom	, ports	disto, re	pair garage & hus	proofing
			1 / /	
2nd Offices,	borler &	som & p	arts storage	
	***************************		1	
3rd				
4th				
333771		***************************************		
6.4		***************************************		
200	***************************************	******************************		
	************************	*****************************		
6th	***************************************			
		CONSTRU	UCTION OF BUILDING	
1. TYPE OF CONSTRUCTION-		l on:		
(a) Skeleton Steel Framewo	on Shawroon	v sparks.	(d) Bearing Walls & Steel Columns	
(b) Reinforced Concrete, Fr	romework gore	age K	(e) Steel on Steel Walls & Roof	
(c) Bearing Walls & Partiti	ions		(f) Other Construction	
			(Describe fully)	
2. WALLS - State construction	n of external walls	Buck on	HB.	
3. ROOF AND FLOOR - Mot	terinle			
Roof [Floors 🗍	(a) Concrete, reinfo	orced - Poured in placeinc	hes thick
Root Auts	Floors 🔀	(b) Concrete, on me	etal pan - Poured in place 21/2	inches thick
Roof 🗙		(c) Concrete, Preco	ist Units 3-4 inches thick	7.
Roof 🔀	floors 🗍	(d) Steel Deck, Cont	struction #1 🕅 Otherwise 🗍	(Name of Manufacturer)
	,,,,,,		#1 State method of attaching insulation to stee	deck and type of insulation
		Mechanical Fast	hand hand	wise
		*If adhesive state	e trade name untraun	
Roof [Floors [7]		- Describe and Show Thickness	

ROOM	AND FLOOR - Method	of support		
	Roof 🔀	Floors 🔀	(a) Unprotected Steel Beams.	
,	Root [Floors [(b) Steel Beams Protected byinches 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 bu	ilding is composed of mo	re than one type of constr	ruction, identify sections of floor involving each type and indicate on plan.	
			NU If so, for what purpose is it used?	
,	law is access obtained t	thereto?		
(b) A	are all skylights of wired	glass in metal frames?		
			kylights; if so give details. NO	
(d) 1	s there a wood roof laid	over an incombustible or	1f so, how is it supported?	
(e) 1	f so, what is the maximu	m and minimum height o	f this above the incombustible roof?	
(1)	s the incombustible roof t	broken by texas, louvres,	ventilator, trapdoor, skylight, stair, elevator, other shafts?	
- 4	s so, what is the construc	ction of the sides through	roof space?	
,	s there any access or ope	ening from these shafts to	the roof space? Describe each separately	
			Penthouse of any kind on the roof? NO If so, give dimensions, construct	
		How is	access obtained?	
(h)	is there a wood wearing	faor?	If so, on which storeys?	
(0)	is it loid directly on incom	abustible floor or with an	airspace? Describe	
4 STEE	EL COLUMNS AND BEAMS	- Are they fireproofed?	A/U If "Yes" state nature and thickness of such protection."	
(o)	Columns			
(6)	Beams			
			FLOOR OPENINGS	
S. STA	IRWAYS - How many, on	nd state from which floor	10 which? 2 - 1st to and .	und st. At
is th	here on enclosure ground	them? YES	. If so, describe construction of enclosure, and the doors, and whether doors are	self-closing ACO
*****	No doars	or woo	a doors and self closing	***************************************
o. ELEY	VATORS - How many, an	nd state from which floor	to which?	
16 11	here an enclasure around	them?	If so, describe construction of of enclosure, and the doors, and whether doors of	re self-closing

7. CHU	ITES, VENTS, DUMB WAIT	TERS & BELT HOLES & OT	HER FLOOR OPENINGS - Give size, construction of enclosure (if any), type of	door (if any), and whether self-closing,
stat	ing which floors are cut	by each		

*****	******************************			
8 HEA	TING AND VENTILATING	DUCTS - Are there any	?(a) Are ducts, which cut through floor, in masonry shafts	
(6)	Give construction of shall		(c) State whether separate duct to each floor without commun	
90.00			(d) Do ducts open into roof space?	
9 HEI	GHT - State number of fi	loors and whether there i	o bosement 2 & 1=2 no basement.	
0 ARE	A - Give ground floor d	mensions //5 X	125 \$ 40 × 60 = 14,375 Ag fo.	***************************************

¥

INTER		

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

	Bost.	151	2nd	3rd	4th	5th	6th	
a) Walls	1	HOBIN	HEBIN	7				
b) Ceilings	/	HCB/N apen	open					
(c) Partitions		HEB	HEB					

(c) Partitions		4B	HEB		1					
State extent of any wo ballery char	guing to	on	25'X	is in square feet 12 x 8 / 2 er than above?	ligh of	1 11	Censi	bue hor	~	
12. HEATING - What is the	e system of heating	g the building	, bet	valer	Where is hear	ting plant locat	or hegy	anni	& Suspe	neleg Su
Is it in fire-resistive ro				Are there any		w many and w				
Type	" + f	low		any heating			alited of concrete	Same		
13. ELECTRY WIRING - A			-	herwise 🔀				0		
Are all circuits protect				interchangeable		//		ره - عار	6	
14. POWER - Is any used	yes	. If so, what	kind?	ulrie	1 0	Total He	orse Power?	20	J	************
What used for? Ca		,	7							***********
If gosoline engine, sta	te method of igniti	ion, location	and capacity of	supply, tank, wh	ether feed is pr	ressure or gravit	y, quantity of (gasoline in engil	ne	***************************************
***************************************		****************		******************		****************	****************		******************	*************
What used for?	NE, OR OTHER OF	LS - Are on	rull	proofe	ng			s galo o		end indicat
clearly on diagram	Does me bonding	Commonican								
(b) If so, are building		d woll?		so, are all open	ings in this wal	protected by s	elf-closing U.L.	labelled Class A	fire doors?	
	pe of doors on eac									
17. FIRE DEPARTMENT -				PUBLIC PR	OTECTION					
18. HYDRANTS - What is	State distance to the	ne nearest tir	e station	15	7 [3	STU GIN	e size of main	8.		
18. HYDRANTS - Whot is	the distance to the	e nedrest tw	o nyoroms r		ROTECTION					
19. Show number units fo	or each floor:									
	Basement	lat	2nd	3rd	4th	5th	6th	7th	8th	
Exigrs, 2½ Gal. Class A		2	1							
Exigrs Class B & C		4								
Stand Pipe		-	-							

Class A		1			-	
Exigrs 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? (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

Project Name: 1047 Richmond

Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

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

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CATION	10.11	10	. 0	. 1	1	-	NAME Metro Chrysler Insp'd. by C. Laffler Rated by C. Laffler	w n	ate 1/5,	182
DRESS	104	TA	cam	ona	100	ne	Rated by C. Lafflet	Teal Di	11/5	182
							Hated by	- 00	16 -11-	
ic co	NSTRU	CTION:	(SEC)	ION II			Construction	Class 2	Bldg. Co	omb. Class
					WA	ALLS	(ITEMS 210 - 215)			
NALL	MAS	ONRY	FIRE	RES.	NON			OF WALL	POINTS	CHAI
AREA	Wall	Wall Thick.	Dam. Type	Fire Res.	COMB C	OMB	DETAIL OF WALL CONSTRUCTION	PERIM	FUILLE	OII.A
	W- /	+20.3		2_HR			BKICB	100% x	-	= -
	W.	720.5	D.	HR		-		% x	The second secon	=
	W-		D-	HR			Port shellow Seel	% ×		=
	W-		D-	HR			Port spetton Sul	% ×	(=
	w-		D-	HR			7	% x	THE RESERVE OF THE PERSON NAMED IN	=
umns in	(or adj	acent to	non-be	earing n	nasonry	wall	s: Unprot. metal 🗷 Comb. 🗆		70	- 7
iels in m	asonry	or fire re	esistive	walls:	Comb.		Non-comb. Glass Slow burning	30 % ×	20	= 6
								% >	(=
		A CONTRACTOR								
				FI	OORISI	ANI	D ROOF (ITEMS 220 - 223)			
			I MAG	or F. R.		A14	T	1.%		
LEVEL	DIME	NSIONS	Dam.	Fire	COMB	сомв	DETAILS OF FLOOR/ROOF	of Total Floor/Roof	POINTS	
			Type	Res.	-			Area		
irade	156	0.6	D. /	2 HR	-		Poured Concrete	45 % ×	STREET,	-
WA	34	6.7	D-	-1 HR			Concrete on Stulpon 6.3 cm	the party of the p	140	=
			D-	HR	-			% >		-
200F		0.0	D	-1 HR	-		Class I Stul Deep		200	=
loof	197	0.6	D	HA			Pricast Consult slab 10. 2 CM	10.		-
	340	67.9						Base		9
	340	67.9	Build	ding Ba	se x	1.0	Schedule I	Base	NG RATE:	+ 1
ECOND							Schedule E Building E	Base	NG RATE:	+ 3
	ARY C	ONSTR	истю	N: (SE	CTION	111)	Schedule E Building E Comb. Modifier (ITEM 230) x .001 = BAS	Base BaseIC BUILDII	NG RATE:	+ 3
Height:	ARY C	ONSTRI	UCTION	N: (SE	CTION	111)	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	BaseIC BUILDII	NG RATE:	+ 3
Height:	ARY C	ONSTRI	uction storeys	N: (SE	Bast	III)	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base Base IC BUILDII SS) % Chige. st. 20	NG RATE:	+ 3
Height: Vertical	ARY C	ONSTRI	itoreys .	N: (SE	Bast	III)	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base Base IC BUILDII SS) % Chige. st. 20	NG RATE:	+ 3
Height: Vertical	Opening M 310)	ONSTRI	storeys .	2 \$ / m ST 3	Bast	No	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base Base Base IC BUILDII SS) % Chge. st. 20	NG RATE:	+ 3
Height: Vertical	Opening M 310)	ONSTRI	Storeys .	N: (SEC 2\$/ ST 3	Bast) No Of	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base Base IC BUILDII SS) % Chge. st. 20 + +	NG RATE:	+ 3
Height: Vertical	Opening M 310)	ONSTRI	Storeys .	N: (SEC 2\$/ ST 3	Bast) No Of	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base Base IC BUILDII SS) % Chge. st. 20 + +	NG RATE:	+ 3
Height: Vertical	Opening M 310) EM 320) de Floor	ONSTRI	itoreys .	N: (SEC 2\$/ 57 3	Bast	No Of	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical	Opening M 310) EM 320) de Floor	ONSTRI	itoreys .	N: (SEC 2\$/ 57 3	Bast	No Of	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad	Opening 320) de Floor	ONSTRI	itoreys	N: (SEC 2 \$ / m ST 3 0.6 60.6	Bast To a To ta	III) No of	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BASI _ Comb. Stories (Without ground level access Enclosure Doors KN NiL 11 3 46.7 x 1907.3 Effective Area 19	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad Roof Su Combus	Opening M 310) EM 320) de Floor rface:	ONSTRI	itoreys The state of the s	N: (SEC 2 \$ / 5 T 3 0 . 6 0 . 6 oved [1	Bast IND Z Tota Othe	NO OF Are	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad Roof Su Combus	Opening 320) de Floor rface:	ONSTRI	toreys The first of the contract of the c	N: (SEC 2 \$ / m ST 3 0.6 0.6 0ved (I	Bast IND Tota Othe 340) R	III) No No I Are er (Delline	Schedule is Building is Comb. Modifier (ITEM 230) x .001 = BAS Comb. Stories (Without ground level access Englosure Doors NiL 1907.3 Effective Area 19 escribed)	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grace Roof Su Combus	Opening M 310) EM 320) de Floor rface: tible Co	ONSTRI ON Nbr. S gs: V IST Area ITEM 330 Incealed	Storeys The storey	N: (SEC	Bast IND Tota Othe 340) R M 350) al floor	III) No I Are er (Delline area	Schedule is Building is Comb. Modifier (ITEM 230) x .001 = BAS Comb. Stories (Without ground level access Englosure Doors NiL 1907.3 Effective Area 19 escribed) Space; Percentage of total roof area g Space; Percentage of total floor area	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad Roof Su Combus Floor Inter	Opening M 310) EM 320) de Floor rface: tible Co	ONSTRI ONSTRI ON Nbr. S gs: V IST Area _ INTEM 330 Incealed terior Coing; Pe	Storeys The storey	N: (SEC	Tota Othe 340) R M 350) al floor itage of	III) No I Are er (Delline area total	Schedule is Building is Comb. Modifier (ITEM 230) x .001 = BAS Comb. Stories (Without ground level access Enclosure Doors NiL 3.46.7 a 1907.3 Effective Area 19 escribed)	Base	NG RATE:	+ 3
Area: (IT Grad Roof Su Combus Floor Inter	Opening M 310) EM 320) de Floor rface: tible Co	ONSTRI ONSTRI ON Nbr. S gs: V IST Area _ INTEM 330 Incealed terior Coing; Pe	Storeys The storey	N: (SEC	Tota Othe 340) R M 350) al floor itage of	III) No I Are er (Delline area total	Schedule is Building is Comb. Modifier (ITEM 230) x .001 = BAS Comb. Stories (Without ground level access Englosure Doors NiL 1907.3 Effective Area 19 escribed) Space; Percentage of total roof area g Space; Percentage of total floor area	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad Roof Su Combus Floor Inter Mezz	Opening M 310) EM 320) de Floor rface: tible Co tible Int	ONSTRI ON Nbr. S gs: V IST Area ITEM 330 Incealed terior Coing; Pe s or Part or Decks	Spaces: Onstructions; Caperical Percentage	N: (SEC	Tota A 350) al floor stage of total	III) No No No No No No No No No N	Schedule is Building is	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grace Roof Su Combus Floor Inter Mezz Combus	Opening M 310) EM 320) de Floor rface: tible Co tible Int Surfac ior Wall anines of	ONSTRI	LSC Approximate tree tree tree tree tree tree tree t	N: (SEC	Tota Tota Ado) F M 350) al floor tage of of total of exte	III) No IND Roof: Ceiling area total floor	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grace Roof Su Combus Floor Inter Mezz Combus	Opening M 310) EM 320) de Floor rface: tible Co tible Int Surfac ior Wall anines of	ONSTRI	LSC Approximate tree tree tree tree tree tree tree t	N: (SEC	Tota Tota Ado) F M 350) al floor tage of of total of exte	III) No IND Roof: Ceiling area total floor	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grad Roof Su Combus Floor Inter Mezz Combus Walls Roof	Opening M 310) EM 320) de Floor rface: tible Co tible Int Surfac ior Wall anines of	ONSTRI ONSTRI ONSTRI ONSTRI OSSI OSSI OSSI OSSI OSSI OSSI OSSI OS	Spaces: Approximish or ge of to rcentage	N: (SEC 2 \$/ m ST 3 ST 3 O.6 Oved [I ITEM ion: (ITE e of tot, Percentage of tal area e of tot	Tota Tota A 340) R M 350) al floor stage of total son: stage of total son al area of the stage of total son al area of total son al	III) No Of NA I Are er (Delline area total floor EM 36 erior vor	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	NG RATE:	+ 3
Height: Vertical (ITE) Area: (IT Grace Roof Su Combus Floor Inter Mezz Combus Walls Roof Combus	Opening M 310) EM 320) de Floor rface: tible Co tible Int Surfac ior Wall anines of tible Int EM Floor tible Int tible Int tible Int tible Int	ONSTRI ONSTRI ON Nor. S gs: V IST Area ITEM 330 Incealed terior Co ing; Pe s or Part or Decks terior Fi Percenta or(s): Pe	LSC Approximate of to reentage inish or reentage in r	N: (SEC	Tota	III) No IND IND Roof: Ceiling area total floor erior vof cei	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	CHARGE 20	+ 3
Height: Vertical (ITE) Area: (IT Grace Roof Su Combus Floor Inter Mezz Combus Walls Roof Combus	Opening M 310) EM 320) de Floor rface: tible Co tible Int Surfac ior Wall anines of tible Int EM Floor tible Int tible Int tible Int tible Int	ONSTRI ONSTRI ON Nor. S gs: V IST Area ITEM 330 Incealed terior Co ing; Pe s or Part or Decks terior Fi Percenta or(s): Pe	LSC Approximate of to reentage inish or reentage in r	N: (SEC	Tota	III) No IND IND Roof: Ceiling area total floor erior vof cei	Schedule & Building & Building & Comb. Modifier (ITEM 230) x .001 = BAS	Base	CHARGE 20	+ 3

St. N Floo		Floor Area	Total Area	Item No.			Section Contract Cont	Description and Hazar	V-200		Occ Char	'Y	Hazard Charges	0	cc'y	0	cc'y large	Comi	b.	Susc. CI.	Ind. Code
	non Haz cable to		Hoy	Wat	u 5/4	ot	ain go	۷					3								
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				D	de	ale	she														
	-				OLA	we	lding	5					-								1
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					Hono	la	hdy	grease	y h	it.	-		-	-					+		
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TOT	AL/90	07.3			STORE	0 11	v odbi	LBASS	800	TH								INI	Bui	lding ODE	551
et O	Ccupar Ccupar Second	ncy Ci ncy Ci dary C	harge . % harge x Constru	ction (Occ'y Charge (b	Mod.	Factor	(ITEM 418)			= _	94	£_% _ %								
XPU	SURE			N VIII)		No	n Charge	able U		-											
Aaron	ry Ma		Non	all of E	-			Facing Wa		EXPO	sure										
VI # 5 C// I		Inprot.	Comb		mb. Com	b. Cl.	Lth./Ht.	Non-Comb	Unpro	t. Dista	ince										
emi P	TOE OF	nprot									_ /										
emi P	INCE OF	mprot		-	-			-		-											
xpos	ure Ch	harge xposu	re Cha	rge (IT	EM 831)						+ -	-	%								
Expose Party I Committee C	ure Ch Wall Edunication (brown CIPAL Prot. of Hydro of Fire tected DING ted Blow RNAL uisher H. Storatic S	harge exposure tion Cought for Lass trants: Hall: Bldg. ADJUIdg. Rapper PRO prinkles Stdr. Deprinkles Stdr.	Stdr. Stdr. Rate TECTI	from con: (SON: (S	overleaf) SECTION evised Protect on Stdr. [Protect ACTOR: Building SECTION Credit edit Au	BAS VIX) ot. Cl ction (SEC Adju VI)	assm. Class Fa CTION : stment F	Accessible Congester actor	ATE_dility:	Good a: Yes	+ - + - + - + - + - + - + - + - + - + -	10 23	% % % % % % % % % % % % % % % % % % %	= redit	PRO	TEC GR	CTED (BLDG	G. F	ATE	· 3/1
ixpos arty l' comm iunii .u.s. ist. to ist. to protec vTEF xting .P. & utom	ure Ch Wall Edunication (brown CIPAL Prot. of Hydro of Fire tected DING ted Bio RNAL uisher H. Storatic S	harge exposure tion Cought for Lass trants: Hall: Bldg. ADJUIdg. Rapper PRO prinkles Stdr. Deprinkles Stdr.	Stdr. Stdr. Rate TECTI	from con: (SON: (S	overleaf) SECTION evised Protect on Stdr. [Protect ACTOR: Building SECTION Credit edit Au	BAS VIX) ot. Cl ction (SEC Adju VI)	assm. Class Fa CTION : stment F	Accessible Congester actor	Syster	Good a: Yes	Po Po	10 23	% % % % % % % % % % % % % % % % % % %	redit redit redit	PRO	GR FIN	ROSS I	BLDG	G. F	ATE	.311
ixpos arty l' comm iUNII .U.S. ist. to ist. to protec VTEF xting .P. & utom	ure Ch Wall Edunication (brown CIPAL Prot. of Hydro of Fire tected DING ted Bio RNAL uisher H. Storatic S	harge exposure tion Cought for Lass trants: Hall: Bldg. ADJUIdg. Rapper PRO prinkles Stdr. Deprinkles Stdr.	Stdr. Stdr. Rate TECTI	from con: (SON: (S	overleaf) SECTION evised Protect on Stdr. [Protect ACTOR: Building SECTION Credit edit Au	BAS IX) ot. Cl ction (SE(Adju XI) toma	assm. Class Fa CTION : stment F	Accessible Congester actor	Syster	Good a: Yes	Po P	10 23	% % % % % % % % % % % % % % % % % % %	redit redit redit	PRO	GR FIN	CTED (BLDG	G. F	ATE	· 3/1
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xpos arty l omm UNII U.S. ist. to ist. to rotec VIEF xting P. & utom ther ROSS	ure Ch Wall Emunicate (brownic	harge exposure tion Cought for L PRO Class Irants: Hall: ADJL idg. Ra PRO Froster Stdr. Cors Stdr.	Stdr. Stdr. Stdr. Rate TECTI Stdr. Rate TECTI ATE CTION	from con: (S) R NC	overleaf) SECTION evised Protect on Stdr. [Protect ACTOR: Building SECTION Credit edit Au cribe) escribe)	BAS IX) ot. Cl ction (SEC Adju XI) toma	assm. Class Fa CTION : stment F W. & C. tic Fire CON	Accessible Congester actor	Syster RATE: 12	Good a: Yes % Cre m Stdr S (SEC 210 zards	Poly Poly Poly Poly Poly Poly Poly Poly	10 23	% Conts.	redit redit redit	PRO	GR FIN	NAL B	BLDG BLDG	G. R.	ATE	.337 .337
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vpos arty l omm UNIC U.S. ist. to ist. to ist. to reprot UILE vting P. & utom ther ROSS	ure Ch Wall Enunication (brown cipal) Prot. o Hydro Fire tected DING tected DI	harge exposure tion Cought for L PRO Class Irants: Hall: ADJL idg. Ra PRO Froster Stdr. Cors Stdr.	Stdr. Stdr. Stdr. Rate TECTI Stdr. Rate TECTI ATE CTION	from con: (S) R NC	overleaf) SECTION evised Protect on Stdr. [Protect ACTOR: Building SECTION Credit edit Au cribe) escribe)	BAS IX) ot. Cl ction (SEC Adju XI) toma	assm. Class Fa CTION : stment F W. & C. tic Fire CON	Accessible Congester actor	Syster RATE: 12 Hai	Good a: Yes % Crem Stdr S (SEC) 210 zards dj.	Po P	10 23	% C % C % C % C % C % C % C % C % C % C	redit redit AY	PRO	FIN 198	ROSS I	LDG	Int Pro	ATE	· 33
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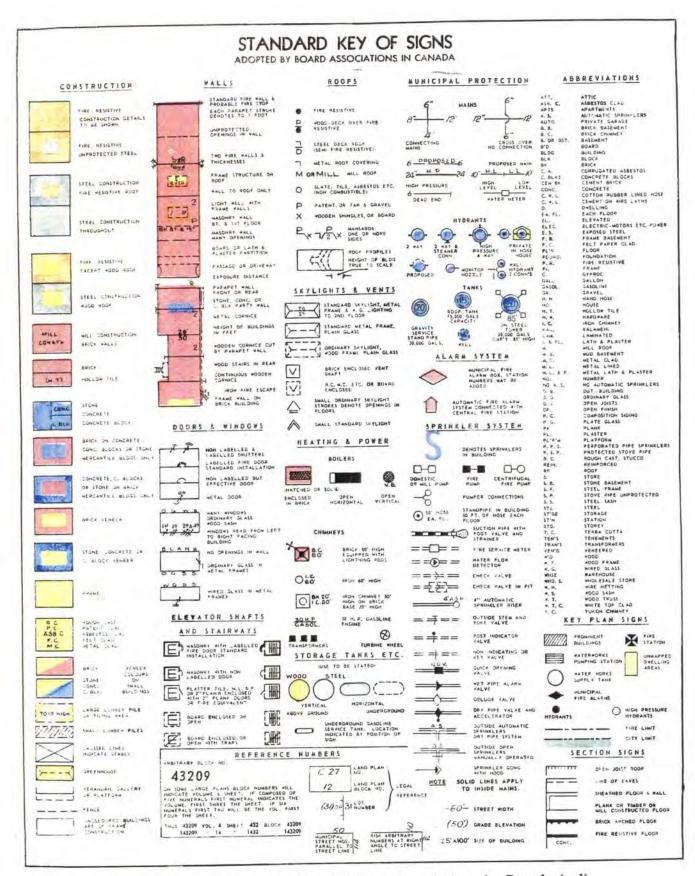


Figure 2: Standard Key of Signs, Adopted by Board Associations in Canada (col)

APPENDIX III CHAIN OF TITLE



CHAIN OF TITLE REPORT

Project #: 21494078 Address: 1047 Richmond Road. Ottawa Legal Part Lots 24 & 25 Con 1 (OF) Nepean as in N545545, Except Pt 1 5R-3653		Searched at: LRO #:	Ottawa 4	Page 1		
PIN #:	03970-0109 (LT)	-			
INSTR#		DOC. TYPE	REG. DATE	PARTY FROM		PARTY TO
		Patent	08 03 1804	Crown		Joseph BOISSEAU
22	4	Deed	18 07 1829	Joseph Boisseau		Robert HALLOWELL
58	3	Deed	31 01 1833	Robert Hallowell		George BAKER
2649	5	Deed	24 08 1866	George Baker		Godfrey BAKER
1335	3	Deed	26 05 1888	George Baker exor for Godfrey Baker - Estate		George AIKEN
1419	6	Deed	27 12 1889	George Aiken		John B. ULLETT
4374	3	Deed	17 11 1940	John B. Ullett - Estate		Robert L. ULLETT
30212	27	Deed	03 07 1952	Robert L. Ullett - Estate		Nick BOOSAMRA
35224	19	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 Part Lots 24 & 25 Con 1 (OF) Nepean Description: as in N545545, Except Pt 1 5R-3653		Searched at: LRO #:	Ottawa 4	Page 2	
PIN #: <u>03</u>	3970-0109 (LT)				
INSTR#	DOC. TYPE	REG. DATE	PARTY FROM		PARTY TO
363806	Deed	19 09 1957 (Formerly	McKeown Realties Limited Brownlee & McKeown Limited)		Charles A. BROWNLEE & Patrick McKEOWN
376110	Deed	15 08 1958	Charles A. Brownlee & Patrick McKeown		Northern Garage and Holdings Limited
396109	Deed	09 10 1959	Northern Garage and Holdings Li	mited	Chrysler Corporation of Canada
602793	Deed	03 12 1971 (Fo	Chrysler Canada Ltd. rmerly Chrysler Corporation of Car	nada)	Parkway Chrysler Plymouth Ltd.
NS147093	Deed	02 04 1982	Parkway Chrysler Plymouth Ltd.		505432 Ontario Limited
N545545	Deed (Present Ower)	08 03 1990	Marinter (Ontario) Ltd. (Formerly 505432 Ontario Limited	()	Rimosa Investments Limited
LT1112079	Lease	27 03 1998	Rimosa Investments Limited		Chrysler Canada Ltd. (Lessee)



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:

FIRST CONVERSION FROM BOOK NP21

1997/03/17

PIN CREATION DATE:

FEE SIMPLE

LT CONVERSION QUALIFIED

CAPACITY SHARE

RECENTLY:

1047 RICHMOND NOMINEE INC.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE	2000/07/29	THE NOTATION OF THE	"BLOCK IMPLEMENTATION	ON DATE" OF 1997/03/17 ON THIS PIN		
WAS REPLA	CED WITH THE	"PIN CREATION DATE"	OF 1997/03/17			
** PRINTOUT	INCLUDES AL.	L DOCUMENT TYPES AND	DELETED INSTRUMENT:	S SINCE 1997/03/14 **		
**SUBJECT,	ON FIRST REG.	ISTRATION UNDER THE .	LAND TITLES ACT, TO			
**	SUBSECTION 4	4(1) OF THE LAND TIT	LES ACT, EXCEPT PARA	AGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *		
**	AND ESCHEATS	OR FORFEITURE TO TH	E CROWN.			
**	THE RIGHTS O	7 ANY PERSON WHO WOU.	LD, BUT FOR THE LAND	TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
**	IT THROUGH L	ENGTH OF ADVERSE POS	SESSION, PRESCRIPTION	ON, MISDESCRIPTION OR BOUNDARIES SETTLED BY		
**	CONVENTION.					
**	ANY LEASE TO	WHICH THE SUBSECTION	N 70(2) OF THE REGI	STRY ACT APPLIES.		
**DATE OF C	ONVERSION TO	LAND TITLES: 1997/0	3/17 **			
CR531049	1967/09/12	BYLAW				С
N705245	1994/09/29	BYLAW				С
N707740	1994/10/28	TRANSFER		*** COMPLETELY DELETED ***	RIMOSA INVESTMENTS LIMITED	
LT1035561	1997/04/01	CHARGE		*** DELETED AGAINST THIS PROPERTY *** RIMOSA INVESTMENTS LIMITED	THE BANK OF NOVA SCOTIA	
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		С
RE	MARKS: AIRPOR	T ZONING REGULATION				
OC2430806	2021/12/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
RE	MARKS: LT1035	561.				



03970-0105 (LT)

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

ONLAND

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
		TRANSFER NG ACT STATEMENTS.	\$24,200,000	RIMOSA INVESTMENTS LIMITED	1047 RICHMOND NOMINEE INC.	С
OC2473015	2022/03/31	CHARGE	\$17,500,000	1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	С
	2022/03/31 MARKS: OC2473	NO ASSGN RENT GEN		1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	С



REGISTRY OFFICE #4

03970-0109 (LT)

PAGE 1 OF 4 PREPARED FOR JOB ON 2025/04/11 AT 16:23:14 **ONLAND**

* 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:

FEE SIMPLE

ESTATE/QUALIFIER:

DIVISION FROM 03970-0010

1997/07/16

PIN CREATION DATE:

LT CONVERSION QUALIFIED

1047 RICHMOND NOMINEE INC.

CAPACITY SHARE

RECENTLY:

						CERT/
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CHKD
EFFECTIV	E 2000/07/29	THE NOTATION OF THE	"BLOCK IMPLEMENTATION DATE" (OF 1997/03/17 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 1997/07/16			
** PRINTOU	I INCLUDES AL	L DOCUMENT TYPES AND	DELETED INSTRUMENTS SINCE 19	997/07/15 **		
**SUBJECT,	ON FIRST REG	ISTRATION UNDER THE	LAND TITLES ACT, TO:			
**	SUBSECTION 4	4(1) OF THE LAND TIT	LES ACT, EXCEPT PARAGRAPH 11,	, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *		
**	AND ESCHEATS	OR FORFEITURE TO TH	E CROWN.			
**	THE RIGHTS OF	F ANY PERSON WHO WOU	LD, BUT FOR THE LAND TITLES A	ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
**	IT THROUGH L	ENGTH OF ADVERSE POS	SESSION, PRESCRIPTION, MISDES	SCRIPTION OR BOUNDARIES SETTLED BY		
**	CONVENTION.					
**	ANY LEASE TO	WHICH THE SUBSECTIO	N 70(2) OF THE REGISTRY ACT A	APPLIES.		
**DATE OF	CONVERSION TO	LAND TITLES: 1997/0	B/17 **			
CR602796	1971/12/03	TEACE	*** ""	TED AGAINST THIS PROPERTY ***		
CR602/96	19/1/12/03	LEASE	DEDE.	TED AGAINST THIS INCLENT	PARKWAY CHRYSLER PLYMOUTH LTD	
CR691573	1976/06/29	AGREEMENT			THE CORPORATION OF THE CITY OF OTTAWA	С
RE	MARKS: DEVELO	PMENT				
CR721634	1977/12/01	AGR AM L	*** DELE:	TED AGAINST THIS PROPERTY ***		
CR721635	1977/12/01	AGR AM L	*** DELE	TED AGAINST THIS PROPERTY ***		
NS14531	1978/05/26	LEASE	*** DFT.F	TED AGAINST THIS PROPERTY ***		
N214331	19/0/03/20	LEAGE	L DEDE	IBD MANINOT THIS INCLUDENT	CHRYSLER CANADA LTD.	
5R3562	1978/06/13	PLAN REFERENCE				С
5R3653	1978/07/19	PLAN REFERENCE				C



03970-0109 (LT)

PAGE 2 OF 4
PREPARED FOR JOB
ON 2025/04/11 AT 16:23:14

ONLAND

			CEI	TIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RES.	Province in Grown Grant	CEDT/
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
NS21712	1978/07/21	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***		
REI	MARKS: NS1453	1			CHRYSLER CREDIT CANADA LTD.	
NS30144	1978/09/26	SUBLEASE		*** DELETED AGAINST THIS PROPERTY ***		
NG22460	1070/10/04	A COTONNENT TENOR		*** DELETED ACAINGT THIC DEODEDTY ***	PARKWAY CHRYSLER PLYMOUTH LTD.	
NS33468		ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CREDIT CANADA LTD.	
REI	MARKS: NS1453	1				
NS147091	1982/04/02	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	CHRYSLER CREDIT CANADA LTD. 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	
REI	MARKS: NS1470	94				
N291634	1985/06/19	ASSIGNMENT LEASE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL TRUST CORPORATION OF CANADA	
REI	MARKS: NS1470	93				
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 *** RIMOSA INVESTMENTS LIMITED	THE BANK OF NOVA SCOTIA	
LT1112079	1998/03/27	NOTICE OF LEASE		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LTD.	
LT1142380	1998/08/14	NOTICE		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LIMITED	
REI	MARKS: LT1112	079.				
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		С



03970-0109 (LT)

PAGE 3 OF 4
PREPARED FOR JOB
ON 2025/04/11 AT 16:23:14

ONLAND

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				1141125 1101	111111111111111111111111111111111111111	
REI	MARKS: AIRPOR	T ZONING REGULATION				
OC2430806	2021/12/01	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
REI	MARKS: LT1035	561.		THE BANK OF NOVA SCOTIA		
002435289	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
				RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF CR602796				
OC2435290	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
RE	MARKS: DELETI	ON OF CR721634		RIMOSA INVESTMENTS EIMITED		
OC2435291	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
				RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELEII	ON OF CR721635				
OC2435292	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	NG NS14531				
OC2435293	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
REI	MARKS: DELETI	ON OF NS21712		RIMOSA INVESTMENTS LIMITED		
OC2435294	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF NS30144				
OC2435295	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
REI	MARKS: DELETI	ON OF NS33468		RIMOSA INVESTMENTS LIMITED		
		APL (GENERAL)		*** COMPLETELY DELETED ***		
002433296	2021/12/14	AFL (GENEKAL)		RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF NS147091				
OC2435297	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
REI	MARKS: DELETI	ON OF NS147094		RIMOSA INVESTMENTS LIMITED		
002435298	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED ***		
302133230	2021/12/14	THE COMMITTEE		RIMOSA INVESTMENTS LIMITED		



03970-0109 (LT)

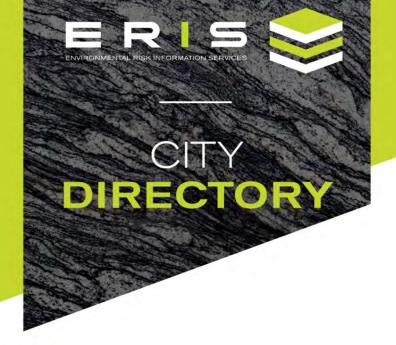
PAGE 4 OF 4
PREPARED FOR JOB
ON 2025/04/11 AT 16:23:14

ONLAND

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REI	MARKS: DELETI	ON OF NS243255				
OC2435299	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF NS291634				
OC2435300	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF N615753				
OC2435301	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTEMENTS LIMITED		
REI	MARKS: DELETI	ON OF N615754		KINOM INVESTIGATION STATES		
OC2435302	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF LT1112079				
OC2435303	2021/12/14	APL (GENERAL)		*** COMPLETELY DELETED *** RIMOSA INVESTMENTS LIMITED		
REI	MARKS: DELETI	ON OF LT1142380				
	2022/03/31 MARKS: PLANNI	TRANSFER NG ACT STATEMENTS.	\$24,200,000	RIMOSA INVESTMENTS LIMITED	1047 RICHMOND NOMINEE INC.	С
oc2473015	2022/03/31	CHARGE	\$17,500,000	1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	С
	2022/03/31 MARKS: OC2473	NO ASSGN RENT GEN		1047 RICHMOND NOMINEE INC.	DESJARDINS FINANCIAL SECURITY LIFE ASSURANCE COMPANY	С

APPENDIX IV DIRECTORY SEARCH





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

Vernon's Ottawa & Area, City Directory

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



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



-Information Inaccessible
99- Multi Tenant Residential
-Extendicare New Orchard Lodge
100- Res (2 Tenants)
-Gill AS
108- Multi Tenant Residential
118- Res (3 Tenants)
-Information Inaccessible: 226-240
-All Residential
-Information Inaccessible: 101-110
-Information Inaccessible
-Information Inaccessible
-Hulse Playfair & McGarry

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 2005-2007	



Site Listing:	-Metro Chrysler Dodge Jeep
	-Metro Leasing
	Wetto Leasing
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential
	945-Cash Flow Recoveries Inc.
	955-Ottawa Honda
	-Kaysush Dev.
	975-Mexicali Rosa's
	975-IVIEXICALI ROSAS
	979-Tops Car Wash
	Information Ingenesible, 1046, 1145
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-All Residential
	-Information Inaccessible: 226-240
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential
Allibieside Dilve (1070-1090)	
	-Parkway Tuck Shop
Single-address coverage only:	-Hair Duo
information on addresses not listed is	
currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
Ancaster Avenue (1/3-223)	-All Residential
	208-Positive Punch



Anthony Avenue (1995-2215)	-All Residential
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
	1162-Havlin Photography
	-Information Inaccessible: 1181-1240
Compton Avenue (170 200)	-All Residential
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
(-11)	
Joanne Avenue (All)	-All Residential
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	99- Multi Tenant Residential
	-Extendicare New Orchard Lodge



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

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



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



	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
	Injointation inaccessione. 221 230
Hartleigh Avenue (220 245)	Information Inaccoscible
Hartleigh Avenue (230-245)	-Information Inaccessible
Learne Avenue (AII)	All Decidential
Joanne Avenue (All)	-All Residential
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	99- Multi Tenant Residential
	-Extendicare New Orchard Lodge
Single-address coverage only:	100- Res (2 Tenants)
information on addresses not listed is currently inaccessible	108- Multi Tenant Residential
	118- Multi Tenant Residential
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110



Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Hulse Playfair & McGarry

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



Allison Avenue (180-240)	-All Residential
	-Information Inaccessible: 226-240
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential
	-Towers Tuck Shop
Single-address coverage only:	-Hair Duo
information on addresses not listed is	-McLean Insurance Brokers
currently inaccessible	Indeed in insulative Stokers
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential
	-Information Inaccessible: 2211-2215
	-injoination maccessible. 2211-2213
Byron Avenue (1100-1240)	-All Residential
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
	,
Hartleigh Avenue (230-245)	-Information Inaccessible



Joanne Avenue (All)	-All Residential
	-Information Inaccessible: Start-2209, 2231-End
Midwey Avenue (2205 2205)	Information Ingenesiale
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	99- Multi Tenant Residential
	-Extendicare New Orchard Lodge
Single-address coverage only:	100- Res (1 Tenant)
information on addresses not listed is currently inaccessible	108- Multi Tenant Residential
	118- Multi Tenant Residential
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110
District (227, 400)	1.6
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted

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



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



	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-All Residential
. ,	
	-Information Inaccessible: Start-2209, 2231-End
	,
Midway Avenue (2265-2305)	-Information Inaccessible
Wildway Aveilue (2203-2303)	Injornation maccessible
Nov. Outhord Average (AII)	OO Multi Tanant Basidantial
New Orchard Avenue (All)	99- Multi Tenant Residential
	-New Orchard Lodge Nursing Home
Single-address coverage only: information on addresses not listed is	100- Res (1 Tenant)
currently inaccessible	108- Multi Tenant Residential
	118- Address Not Listed
New Orchard Avenue North (All)	-Information Inaccessible: 226-240



Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted
	1

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



	971-Can Federal Systems
	975-Zorro Rest
	975-zorro Rest
	979-Tops Car Wash
	993-Vittoria's Café
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-All Residential
	-Information Inaccessible: 226-240
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential
, ,	Daylovey Taylor Tivel Char
	-Parkway Towers Tuck Shop
Single-address coverage only:	
information on addresses not listed is currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential
Anthony Avenue (1999 2219)	All Residential
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
5y1011 Avenue (1100-1240)	7 iii Nesidentiai
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Compton Avenue (170-200)	All Nesideficial



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



Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1979-1982	
Site Listing:	-Parkway Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential
	945-Hair Salon
	-Dutch Groceries & Imports
	-Florence Ladies Wear
	947-Grierson Race & Rally
	955-Viscount Builders
	965-Lindenhof Rest
	971-Can Federal Systems
	979-Tops Car Wash
	993-Palmer Cleaners
	-Information Inaccessible: 1046-1145



Allison Avenue (180-240)	-All Residential
, ,	
	-Information Inaccessible: 226-240
	·
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential
	-Parkway Towers Tuck Shop
	-rankway lowers ruck shop
Single-address coverage only:	-Salon Margaret
information on addresses not listed is	
currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Horsey Average (405 250)	All Decidential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
	injoination maccessione. 221 250
Hartleigh Avenue (230-245)	-Information Inaccessible



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

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



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



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



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

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



	955-Boutique Ladies Wear
	965-Chicken Delight Rest
	971-Spindler's Merchant
	979-Tops Car Wash
	993-A & W Drive-In Rest
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-All Residential
	-Information Inaccessible: 226-240
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential
	-Parkway Towers Tuck Shop
Single-address coverage only:	-Parkway Towers Beauty Salon
information on addresses not listed is	
currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
	Information to recognition 4404 1240
	-Information Inaccessible: 1181-1240



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



Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted

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



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



New Orchard Avenue (All)	99- Address Not Listed
	100- Res (1 Tenant)
Single-address coverage only:	108- Address Not Listed
information on addresses not listed is currently inaccessible	118- Address Not Listed
carrently maccessione	
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted
PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1959-1961	
Site Listing:	-Address Not Listed



Adjacent Properties:

Richmond Road (945-1145)	-All Residential
	-Information Inaccessible: 1046-1145
	Injointation maccessible. 1040-1143
Allison Avenue (180-240)	-All Residential
. ,	
	-Information Inaccessible: 226-240
Ambleside Drive (1070 1000)	1071 Address Net Listed
Ambleside Drive (1070-1090)	1071-Address Not Listed
Single-address coverage only:	
information on addresses not listed is	
currently inaccessible	
Ancaster Avenue (175-225)	-All Residential
,	
Anthony Avenue (1995-2215)	-All Residential
	-Information Inaccessible: 2211-2215
	Injointation maccessible. 2211-2213
Byron Avenue (1100-1240)	-All Residential
,	
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Compton Avenue (170-200)	/ in residential
Harcourt Avenue (195-250)	-All Residential



	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
nartieigii Aveilue (250-245)	Injointation maccessible
Joanne Avenue (All)	-All Residential
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	-Information Inaccessible
	myermution muccessione
New Orchard Avenue (All)	99- Address Not Listed
	100- Res (1 Tenant)
Single-address coverage only:	108- Address Not Listed
information on addresses not listed is currently inaccessible	118- Address Not Listed
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110
Dishardson Access (225, 420)	Information Incorpolate
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted



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



	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-All Residential
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-All Residential
Harcourt Avenue (195-250)	-All Residential
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-All Residential
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	99- Address Not Listed
	100- Address Not Listed
Single-address coverage only: information on addresses not listed is currently inaccessible	108- Address Not Listed 118- Address Not Listed
New Orchard Avenue North (All)	-Information Inaccessible: 226-240



Pooler Avenue (90-110)	-All Residential
	-Information Inaccessible: 101-110
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Residential, or Unlisted

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



Ambleside Drive (1070-1090)	1071-Address Not Listed
Single-address coverage only:	
information on addresses not listed is	
currently inaccessible	
Ancaster Avenue (175-225)	-No Listings Within Radius
Anthony Avenue (1995-2215)	-Street Not Listed
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-No Listings Within Radius
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-Street Not Listed
Midway Avenue (2265-2305)	-Information Inaccessible
	1



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

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1946	
Site Listing:	-Information Inaccessible
Adjacent Properties:	



Richmond Road (945-1145)	-No Listings Within Radius
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-Street Not Listed
	-Information Inaccessible: 226-240
Ambleside Drive (1070-1090)	-Information Inaccessible
Ambieside Dilive (10/0-1030)	injointation maccessible
A	Characteristics of
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed
	-Information Inaccessible: 2211-2215
	-injointation maccessione. 2211-2213
Puron Avonuo (1100 1240)	No Lictings Within Padius
Byron Avenue (1100-1240)	-No Listings Within Radius
	-Information Inaccessible: 1181-1240
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius
	-Information Inaccessible: 221-250



Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-Street Not Listed
	-Information Inaccessible: Start-2209, 2231-End
	myormation maccessible. Start 2203, 2201 Ena
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	-Information Inaccessible
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-Street Not Listed
	-Information Inaccessible: 101-110
Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Address Not Listed
130 WOOdione Avenue	-Address Not Listed

PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1941	



Site Listing:	-Information Inaccessible
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius
	-Information Inaccessible: 1046-1145
All: 4 (400 040)	Court Not 10 to 1
Allison Avenue (180-240)	-Street Not Listed
	-Information Inaccessible: 226-240
	Injormation maccessiste. 220 240
Ambleside Drive (1070-1090)	-Information Inaccessible
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-No Listings Within Radius
	-Information Inaccessible: 1181-1240
Compton Avenue (170 200)	Street Not Listed
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-No Listings Within Radius
Transcourt Archide (133-230)	Tto Listings Within Nadias



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

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



Year: 1935	
Site Listing:	-Information Inaccessible
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-Street Not Listed
	-Information Inaccessible: 226-240
A . I I . : I . D . : . (1070 1000)	
Ambleside Drive (1070-1090)	-Information Inaccessible
Ancaster Avenue (175-225)	-Street Not Listed
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed
Anthony Avenue (1999-2219)	Street Not Listed
	-Information Inaccessible: 2211-2215
	,
Byron Avenue (1100-1240)	-No Listings Within Radius
	-Information Inaccessible: 1181-1240



Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-Street Not Listed
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-Street Not Listed
Joanne Avenue (All)	-Street Not Listed
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	-Information Inaccessible
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-Street Not Listed
	Information to recognition 104 110
	-Information Inaccessible: 101-110
Richardson Avenue (225-400)	-Information Inaccessible
	,
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Address Not Listed



PROJECT NUMBER: 21083000552	
Site Address:	1047 Richmond Road, Ottawa, Ontario
Year: 1930	
Cita Linking.	Information Ingenesible
Site Listing:	-Information Inaccessible
Adjacent Properties:	
Richmond Road (945-1145)	-No Listings Within Radius
	-Information Inaccessible: 1046-1145
Allison Avenue (180-240)	-Street Not Listed
	-Information Inaccessible: 226-240
Ambleride Drive (1070 1000)	Information Ingenerials
Ambleside Drive (1070-1090)	-Information Inaccessible
Ancaster Avenue (175-225)	-Street Not Listed
Anthony Avenue (1995-2215)	-Street Not Listed
	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-No Listings Within Radius



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



Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-Address Not Listed

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



	-Information Inaccessible: 2211-2215
Byron Avenue (1100-1240)	-No Listings Within Radius
	-Information Inaccessible: 1181-1240
(470.000)	
Compton Avenue (170-200)	-Street Not Listed
Harcourt Avenue (195-250)	-Street Not Listed
Transcare viveriae (155 156)	Street Not Listed
	-Information Inaccessible: 221-250
Hartleigh Avenue (230-245)	-Information Inaccessible
Joanne Avenue (All)	-Street Not Listed
	-Information Inaccessible: Start-2209, 2231-End
Midway Avenue (2265-2305)	Information Ingenesiale
iviidway Avenue (2265-2305)	-Information Inaccessible
New Orchard Avenue (All)	-Information Inaccessible
New Orchard Avenue North (All)	-Information Inaccessible: 226-240
Pooler Avenue (90-110)	-Street Not Listed
	-Information Inaccessible: 101-110



Richardson Avenue (225-400)	-Information Inaccessible
Woodland Avenue (205-265)	-Information Inaccessible
150 Woodroffe Avenue	-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





1047 Richmond Road, Ottawa **Project Property:**

n/a

Ottawa ON

Project No: CO972.00

Report Type: RSC Report (Urban)

24062502224 **Order No:**

Terrapex Environmental Ltd. Requested by:

Date Completed: June 25, 2024

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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 <u>ERIS Xplorer</u>

Physical Setting Report (PSR) Physical Setting Report (PSR)

Topographic Map RSC Maps

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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	Υ	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	Υ	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

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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)	Υ	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	Υ	0	0	0
NEBI	National Energy Board Pipeline Incidents	Υ	0	0	0
NEBP	National Energy Board Wells	Υ	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Υ	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Υ	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	Υ	0	1	1
PTTW	Permit to Take Water	Υ	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Υ	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Υ	0	0	0
SCT	Scott's Manufacturing Directory	Υ	0	9	9
SPL	Ontario Spills	Υ	0	34	34
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Υ	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Υ	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Υ	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval	Y	0	0	0
wwis	Inventory Water Well Information System	Y	7	29	36

Database Name Searched Project Boundary Total Property to 0.30km

Total:

13

137

Order No: 24062502224

150

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

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

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

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

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

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

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

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

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

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

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

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

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.

<u>Site</u>	Address ON	Distance (m) 73.1	<u>Map Key</u> <u>26</u>
	ON	77.5	<u>27</u>
	ON	80.7	<u>30</u>
	ON	138.1	<u>43</u>
	ON	152.2	<u>46</u>
	ON	165.0	<u>51</u>
	ON	187.5	<u>60</u>
	ON	198.8	<u>65</u>
	ON	208.8	<u>67</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	211.0	<u>69</u>
	ON	242.4	<u>81</u>

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.

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

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 OTTAWA ON K2B 6R1	136.7	<u>42</u>

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>

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.

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

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>	Distance (m)	<u>Map Key</u>
Metro Plymouth-chrysler Ltd.	1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	0.0	<u>1</u>

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
715137 Ontario Ltd.	1075 Richmond Road Ottawa Ontario Ottawa	130.9	<u>40</u>

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.

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

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>	Distance (m)	<u>Map Key</u>
	1047 Richmond Road Ottawa ON K2B 6R1	0.0	1
	1047 Richmond Road, Ottawa, ON Ottawa ON	0.0	1
	99 New Orchard Ave Ottawa ON K2B5E6	32.1	<u>12</u>

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

Site Address Distance (m) Map Key

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.

Site	<u>Address</u>	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	136.7	<u>42</u>

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

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

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
SAIKALEY REALTY	945 RICHMOND ROAD OTTAWA ON	288.1	<u>97</u>

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.

Site	<u>Address</u>	Distance (m)	<u>Map Key</u>
	1208 Byron Avenue, Ottawa ON	110.4	<u>36</u>
	250 ANCASTER AVENUE, OTTAWA ON K2B 5B4	297.2	<u>100</u>

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

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>	Distance (m)	Map Key
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B6R1	136.7	<u>42</u>

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.

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

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.

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
A K FUR MANUFACTURING	212 WOODROFFE AVE	298.3	103

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.

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

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

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

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

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.

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

<u>Site</u>	<u>Address</u>	Distance (m)
	Well ID: 7409366	

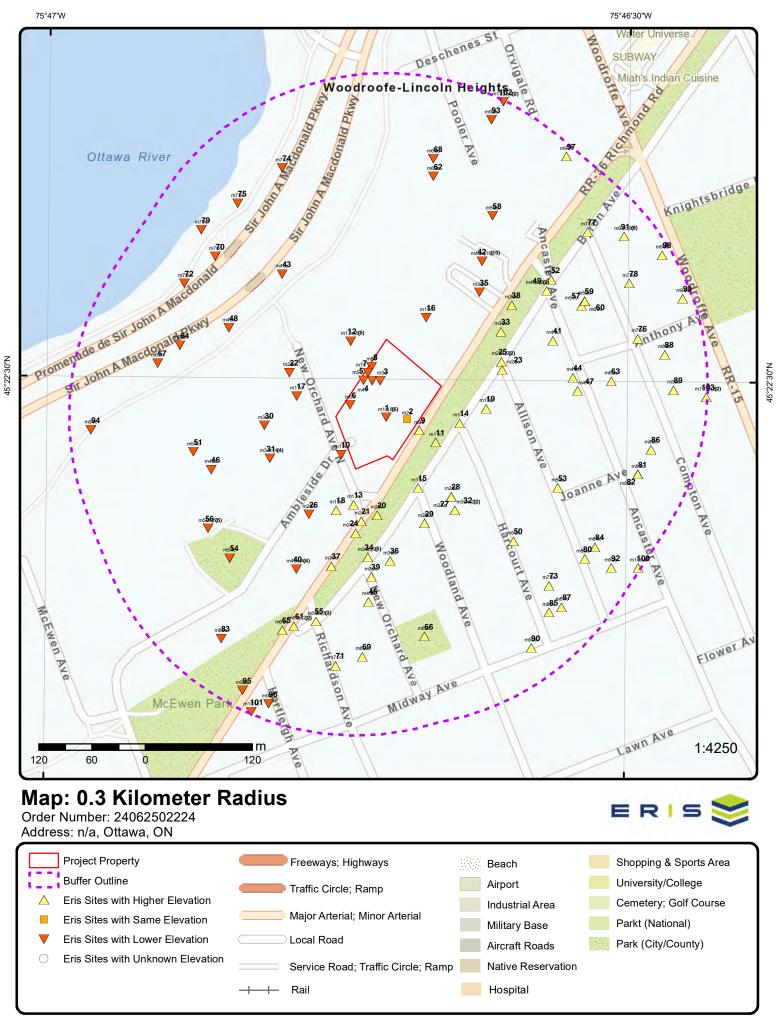
Address Well ID: 7409366	Distance (m)	Map Key
1071 RICHMOND RD OTTAWA ON	40.1	<u>13</u>
Well ID: 7044334		
ON	77.7	<u>28</u>
Well ID: 1509027		
lot 25 con 1 ON	79.9	<u>29</u>
Well ID: 1503902		
ON	122.3	<u>39</u>
Well ID: 1507961		
lot 25 con 1 ON	155.1	<u>48</u>
Well ID: 1503894		
lot 25 con 1 ON	163.6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

<u>Site</u>	<u>Address</u>
-------------	----------------

<u>Address</u>	Distance (m)	<u>Map Key</u>
ON	210.0	<u>68</u>
Well ID: 1508855		
	044.0	
ON	211.6	<u>70</u>
Well ID: 1508933		
ON	222.2	<u>71</u>
Well ID: 1508258		
ON	224.3	<u>72</u>
Well ID: 1508935		
ON	225.6	<u>73</u>
Well ID: 1507779		
ON	225.8	<u>74</u>
Well ID: 1508936		
lot 25 con 1 ON	226.6	<u>75</u>
Well ID: 1503899		
ON	240.8	<u>78</u>
Well ID: 1508044		
1701112. 1000011		
ON	241.4	<u>79</u>
Well ID: 1508898		
Wen 12. 1300030		
ON	241.5	<u>80</u>
Well ID: 1507780		
ON	242.5	<u>82</u>
ON WALLEY 1507905		
Well ID: 1507805		
lot 25 con 1 ON	245.5	<u>85</u>

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

Well ID: 1535367



Aerial Year: 2023

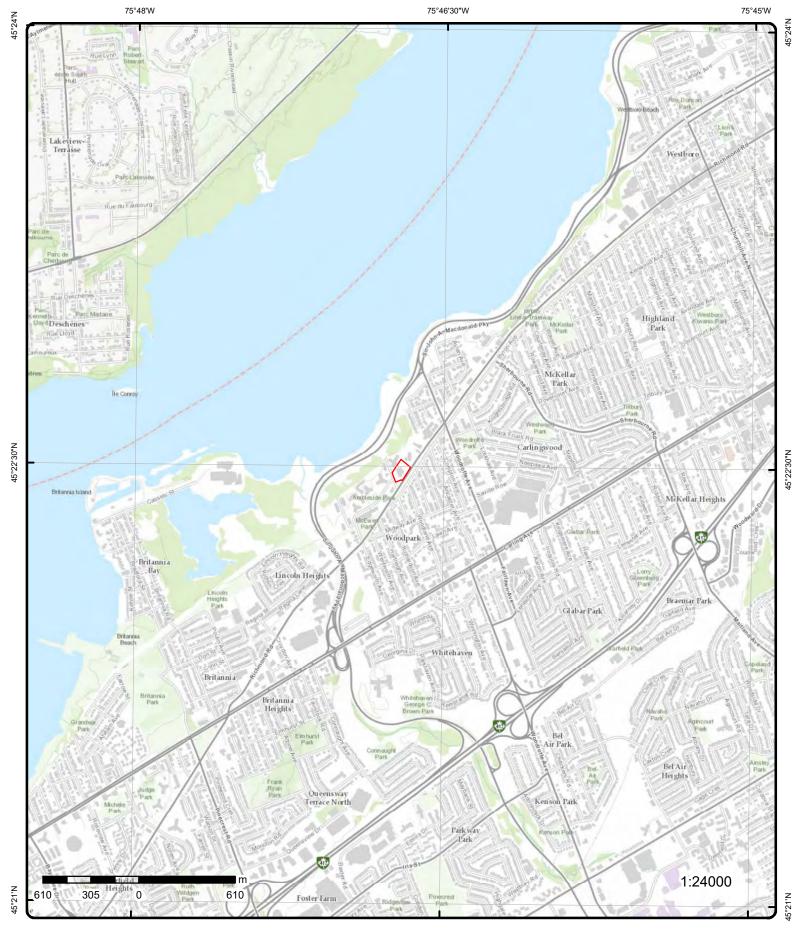
Address: n/a, Ottawa, ON

...., ...,,

Source: ESRI World Imagery

Order Number: 24062502224





Topographic Map

Address: n/a, ON

Source: ESRI World Topographic Map

Order Number: 24062502224



Detail Report

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 6	S/0.0	63.6 / -0.67	METRO PLYMOUTH-CHRYSLER LIMITED 1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	CA
Certificate #. Application Issue Date: Approval Ty, Status: Application Client Name Client Addre Client City:	Year: pe: Type: : :ss:	8-4122-97- 97 9/9/1997 Industrial air Approved			
Client Posta Project Desc Contaminan Emission Co	cription: ts:	WASTE OIL FURNA	ACE MODEL CB-	5000	
1	2 of 6	S/0.0	63.6 / -0.67	Metro Plymouth-chrysler Ltd. 1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	EBR

EBR Registry No: IA7E1127 Decision Posted:

Ministry Ref No: 8412297 19970715 Exception Posted:

Notice Type: Instrument Decision Section:

Notice Type:Instrument DecisionSection:Notice Stage:Act 1:Notice Date:September 09, 1997Act 2:

Proposal Date:July 31, 1997Site Location Map:Year:1997

Instrument Type:
Off Instrument Name:

Posted By:
Company Name: Metro Plymouth-chrysler Ltd.

Site Address: Location Other: Proponent Name:

Proponent Address: 1047 Richmond Road, Ottawa Ontario, K2B 6R1

Comment Period:

URL:

Site Location Details:

1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA

1 3 of 6 S/0.0 63.6 / -0.67 Metro Plymouth Chrysler Ltd.
1047 RICHMOND RD EASR

(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)

OTTAWA ON K2B 6R1

Order No: 24062502224

Approval No:R-001-6266482893MOE District:OttawaStatus:REGISTEREDMunicipality:OTTAWA

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) 2012-10-30 45.374634 Date: Latitude: Record Type: **EASR** Longitude: -75.77845 MOFA Link Source: Geometry X: Project Type: Automotive Refinishing Facility Geometry Y:

Full Address: **EASR-Automotive Refinishing Facility** Approval Type: SWP Area Name: Rideau Valley

PDF NAICS Code: PDF URL:

PDF Site Location:

S/0.0 63.6 / -0.67

METRO CHRYSLER 1047 Richmond Rd Ottawa ON K2B 6R1

GEN

Order No: 24062502224

ON3489345 Generator No:

4 of 6

SIC Code: SIC Description:

1

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:

Detail(s)

Waste Class: 251 I

Waste Class Name: Waste oils/sludges (petroleum based)

5 of 6 S/0.0 63.6 / -0.67 1047 Richmond Road, Ottawa, ON 1 **EHS** Ottawa ON

Order No: 23062000545 Status:

Custom Report Report Type: Report Date: 23-JUN-23 Date Received: 20-JUN-23

Previous Site Name: Lot/Building Size: Additional Info Ordered: Municipality: ON Client Prov/State: Search Radius (km): .25

Nearest Intersection:

-75.77862607 X: Y: 45.37405835

6 of 6 S/0.0 63.6 / -0.67 1047 Richmond Road 1 **EHS** Ottawa ON K2B 6R1

Order No: 21083000552 Nearest Intersection: Status: Municipality:

Report Type: Custom Report Client Prov/State: ON Report Date: 14-SEP-21 Search Radius (km): .25

Date Received: 30-AUG-21 X: -75.7784471 Previous Site Name: Y: 45.3746125

Lot/Building Size:

Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos Additional Info Ordered:

ESE/0.0 64.3 / 0.00 2 1 of 1 **WWIS**

Records

(m)

Well ID: 7419639

Construction Date:

Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:

Audit No: Z379481 A349386 Tag:

Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth:

Overburden/Bedrock: Pump Rate: Static Water Level:

Clear/Cloudy:

Municipality: **NEPEAN TOWNSHIP**

Site Info:

Flowing (Y/N): Flow Rate:

Data Entry Status: Yes

Data Src:

ON

06/09/2022 Date Received: Selected Flag: TRUE

Abandonment Rec:

Contractor: 7241 Form Version:

Owner:

County: OTTAWA-CARLETON

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:

Zone:

UTM Reliability:

Additional Detail(s) (Map)

Bore Hole ID: 1009057993

Depth M:

Year Completed: 2022 05/12/2022 Well Completed Dt: Audit No: Z379481

Path:

Tag No: A349386 Contractor: 7241

Latitude: 45.3745949533653 Longitude: -75.7781479545996 Y: 45.37459494600888 X: -75.77814779305046

Bore Hole Information

1009057993 Bore Hole ID:

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 05/12/2022

Remarks:

on Water Well Record Location Method Desc:

Elevrc Desc:

Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Elevation:

Elevrc:

Zone: 18 439071.00 East83: 5024859.00 North83: Org CS: UTM83 **UTMRC**:

UTMRC Desc: margin of error: 30 m - 100 m

Location Method: wwr

NNW/0.0 62.4 / -1.90 1 of 1 3

WWIS

Order No: 24062502224

7419640 Well ID:

Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:

Audit No: Z379480 A349390 Tag:

Flowing (Y/N): Flow Rate:

Data Entry Status: Yes

Data Src:

ON

Date Received: 06/09/2022 Selected Flag: TRUE

Abandonment Rec:

Contractor: 7241 Form Version: 7

Constructn Method: Elevation (m):

Elevatn Reliabilty: Depth to Bedrock: Well Depth:

Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy:

Municipality:

Site Info:

Owner:

County: OTTAWA-CARLETON

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:

UTM Reliability:

Additional Detail(s) (Map)

Bore Hole ID: 1009057996

Depth M:

Year Completed: 2022 05/12/2022 Well Completed Dt: Audit No: Z379480 Path:

Bore Hole Information

Bore Hole ID: 1009057996

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 05/12/2022

Remarks:

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Tag No: A349390 Contractor: 7241

Latitude: 45.3749793641701 Longitude: -75.7785363714733 45.37497935738921 Y: X: -75.7785362091466

Elevation: Elevrc: Zone:

18 East83: 439041.00 North83: 5024902.00 Org CS: UTM83 **UTMRC**:

UTMRC Desc: margin of error: 30 m - 100 m

Location Method: wwr

1 of 1 NW/0.0 62.3 / -2.00 4

NEPEAN TOWNSHIP

7419636 Well ID:

Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:

Audit No: Z385921 Tag: A349384

Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock:

Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level:

Clear/Cloudy:

NEPEAN TOWNSHIP Municipality:

Site Info:

ON

Flowing (Y/N): Flow Rate:

Data Entry Status: Yes

Data Src:

06/09/2022 Date Received: Selected Flag: TRUE

Abandonment Rec:

Contractor: 7241 Form Version:

Owner:

County: **OTTAWA-CARLETON** Lot:

Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:

UTM Reliability:

WWIS

Map Key Number of Direction/ Elev/Diff Site DΒ Records Distance (m) (m)

Additional Detail(s) (Map)

Bore Hole ID: 1009057984 Tag No: A349384

Depth M: Contractor: 7241

Year Completed: 2022 Latitude: 45.3749785806806 Well Completed Dt: 05/09/2022 -75.7786513040808 Longitude: Z385921 45.37497857428102 Audit No: Y: Path: X: -75.77865114226095

Bore Hole Information

Bore Hole ID: 1009057984 Elevation:

DP2BR: Elevrc: Spatial Status: Zone: 18 439032.00 Code OB: East83: Code OB Desc: 5024902.00 North83: UTM83 Open Hole: Org CS: Cluster Kind: UTMRC:

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

Location Source Date:

Elevrc Desc:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

5 1 of 1 NW/0.0 62.3 / -2.00 **WWIS** ON

Well ID: 7419637 Flowing (Y/N): **Construction Date:** Flow Rate:

Use 1st: Data Entry Status: Yes Use 2nd: Data Src:

Final Well Status: 06/09/2022 Date Received: Water Type: Selected Flag: TRUE Casing Material: Abandonment Rec:

Contractor: Audit No: Z385920 7241

Tag: A349385 Form Version: Constructn Method: Owner:

Elevation (m): County: **OTTAWA-CARLETON** Elevatn Reliabilty: Lot:

Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Northing NAD83: Pump Rate: Static Water Level: Zone:

UTM Reliability: Clear/Cloudy:

Municipality: **NEPEAN TOWNSHIP**

Additional Detail(s) (Map)

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 Z385920 45.37498670452635 Audit No: Υ: X: -75.77877896888961 Path:

Order No: 24062502224

Site Info:

Bore Hole Information

Bore Hole ID: 1009057987 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 Code OB: East83: 439022.00 Code OB Desc: North83: 5024903.00

UTM83 Open Hole: Org CS: Cluster Kind: UTMRC: Date Completed: 04/09/2022 UTMRC Desc: margin of error: 30 m - 100 m

Remarks: on Water Well Record Location Method Desc:

Supplier Comment:

Elevrc Desc:

Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

> 61.7 / -2.59 99 NEW ORCHARD AVE. 6 1 of 1 W/0.0 **WWIS** OTTAWA ON

Location Method:

wwr

Order No: 24062502224

Well ID: 7039988 Flowing (Y/N): Construction Date: Flow Rate:

Data Entry Status: Use 1st: Use 2nd: Data Src:

01/25/2007 Final Well Status: Test Hole Date Received: Water Type: Selected Flag: TRUE

Casing Material:

Abandonment Rec: Audit No: Z34829 Contractor: 6964 Tag: A032132 Form Version: 3

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:

OTTAWA CITY Municipality:

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf

Additional Detail(s) (Map)

12/07/2006 Well Completed Date: Year Completed: 2006 Depth (m): 4.15

Latitude: 45.3747333902008 Longitude: -75.7789672247637 -75.77896706349291 X: Y: 45.37473338302534 703\7039988.pdf Path:

Bore Hole Information

Bore Hole ID: 11762304 Elevation: DP2BR: Elevro:

Spatial Status: Zone: 18 439007.00 Code OB: East83:

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

wwr

Order No: 24062502224

 Code OB Desc:
 North83:
 5024875.00

 Open Hole:
 Org CS:
 UTM83

 Open Hole:
 Org CS:
 UTM83

 Cluster Kind:
 UTMRC:
 3

 Date Completed:
 12/07/2006
 UTMRC Desc:
 margin of error: 10 - 30 m

Remarks: Location Method:

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date: Improvement Location Source: Improvement Location Method:

Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 933089092

Layer: 1 Color: 6

 General Color:
 BROWN

 Material 1:
 28

 Material 1 Desc:
 SAND

 Material 2:
 84

 Material 2 Desc:
 SILTY

Material 3: Material 3 Desc:

Formation Top Depth: 0.0

Formation End Depth: 0.6000000238418579

Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933089093

Layer: 2 **Color:** 6

General Color: BROWN
Material 1: 28
Material 1 Desc: SAND

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

 Formation Top Depth:
 0.6000000238418579

 Formation End Depth:
 1.2000000476837158

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 933089094

Layer: 3

Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc:

 Formation Top Depth:
 1.2000000476837158

 Formation End Depth:
 1.5499999523162842

Formation End Depth UOM: m

Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Overburden and Bedrock

Materials Interval

Formation ID: 933089095

Layer:

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

Annular Space/Abandonment

Sealing Record

Plug ID: 933312589

Layer: 2

 Plug From:
 1.2999999523162842

 Plug To:
 1.600000023841858

Plug Depth UOM:

Annular Space/Abandonment

Sealing Record

Plug ID: 933312588

Layer: 1

 Plug From:
 0.30000001192092896

 Plug To:
 0.6000000238418579

Plug Depth UOM: m

Method of Construction & Well

<u>Use</u>

Method Construction ID: 967039988

Method Construction Code: 7

Method Construction: Diamond

Other Method Construction:

Pipe Information

Pipe ID: 11769994

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930894859

Layer: 1
Material: 5
Open Hole or Material: PLASTIC

 Depth From:
 0.1000000149011612

 Depth To:
 1.7000000476837158

Casing Diameter: 3.5
Casing Diameter UOM: cm

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

Casing Depth UOM:

m

Construction Record - Screen

Screen ID: 933422744 Layer:

Slot: 10

1.7000000476837158 Screen Top Depth: Screen End Depth: 4.150000095367432

Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm

Screen Diameter: 4.099999904632568

Hole Diameter

11848468 Hole ID: Diameter: 6.0

Depth From: 1.2999999523162842 Depth To: 1.600000023841858

Hole Depth UOM: m Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11848467

Diameter: 4.699999809265137 Depth From: 1.600000023841858 4.150000095367432 Depth To:

Hole Depth UOM: m Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11848469 Diameter: 7.5 0.0 Depth From:

Depth To: 1.2999999523162842

Hole Depth UOM: m Hole Diameter UOM: cm

1 of 1 NW/0.0 60.9 / -3.39 7

ON

7409367 Well ID: Flowing (Y/N):

Construction Date: Flow Rate: Use 1st: Data Entry Status: Yes Use 2nd: Data Src:

02/02/2022 Final Well Status: Date Received: TRUE Selected Flag: Water Type:

Casing Material: Abandonment Rec: Audit No: Z379457 7241 Contractor: A338293 Tag: Form Version: 7

Constructn Method: Owner: OTTAWA-CARLETON Elevation (m): County: Elevatn Reliabilty: Lot:

Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Zone:

Static Water Level:

WWIS

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Clear/Cloudy: UTM Reliability:

Municipality: OTTAWA CITY

Site Info:

Additional Detail(s) (Map)

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:
 2379457
 Y:
 45.37505914336989

 Path:
 X:
 -75.77871610569902

Bore Hole Information

Bore Hole ID: 1008965003 Elevation:

DP2BR: Elevrc: Spatial Status: Zone: 18 Code OB: East83: 439027.00 Code OB Desc: North83: 5024911.00 UTM83 Open Hole: Org CS: Cluster Kind: UTMRC:

Date Completed: 12/21/2021 UTMRC Desc: margin of error: 30 m - 100 m

Remarks: Location Method: ww

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date: Improvement Location Source:

Improvement Location Method: Source Revision Comment:

Supplier Comment:

8 1 of 1 NNW/0.0 60.9 / -3.39 WWIS

Well ID: 7409366 Flowing (Y/N):
Construction Date: Flow Rate:

Use 1st:Data Entry Status:YesUse 2nd:Data Src:

Final Well Status:Date Received:02/02/2022Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:

 Audit No:
 Z379456
 Contractor:
 7241

 Tag:
 A338292
 Form Version:
 7

Constructin Method:
Owner:
Outline (m)

Elevation (m):County:OTTAWA-CARLETONElevatn Reliabilty:Lot:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

Static Water Level: Zone: Clear/Cloudy: UTM Reliability:

unicipality: OTTAWA CITY

Municipality: OTTAWA CITY
Site Info:

Additional Detail(s) (Map)

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

Z379456 45.37512249525717 Audit No: Y: Path: X: -75.77866588898756

Bore Hole Information

Bore Hole ID: 1008964994 Elevation:

DP2BR: Elevrc: Spatial Status: Zone: 18 Code OB: East83: 439031.00 Code OB Desc: North83: 5024918.00

UTM83 Open Hole: Org CS: Cluster Kind: **UTMRC**:

UTMRC Desc: margin of error: 30 m - 100 m Date Completed: 12/21/2021 Remarks: Location Method:

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: **Source Revision Comment:** Supplier Comment:

9 1 of 1 ESE/6.6 64.5 / 0.22 Kiewit<UNOFFICIAL> SPL Richmond Road between Woodland and

Order No: 24062502224

Harcourt

Ottawa ON

3184-BE4KCT Ref No: 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: NA

Site No: 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:

5024846.56 Northing: 439084.6 Easting: Incident Cause:

Leak/Break Incident Preceding Spill:

Environment Impact: Health Env Consequence:

Nature of Impact: Contaminant Qty: 0.5 L

System Facility Address: Kiewit<UNOFFICIAL>

Client Name:

Client Type: Source Type: **Drilling Operation**

Contaminant Code:

HYDRAULIC OIL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a

Receiving Medium:

Land

Incident Summary:

Equipment Failure

Incident Reason:

Kiewit: half litre hyd oil to grass, cleaned.

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type:

Unknown / N/A

SAC Action Class:

Primary Assessment of Spills

Call Report Locatn Geodata:

SW/9.4 62.8 / -1.44 1 of 1 10

R.M. OF OTTAWA-CARLETON

NEW ORCHARD AVE/AMBLESIDE DR.

CA

SPL

Order No: 24062502224

OTTAWA ON

Municipality No: Nature of Damage:

Material Group:

Impact to Health:

Agency Involved:

Discharger Report:

2 - Minor Environment

Certificate #: 7-1035-98-Application Year: 10/21/1998 Issue Date: Municipal water Approval Type: Status: Approved Application Type:

Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

> 1 of 1 ESE/29.4 66.1 / 1.88 11 Ottawa ON

Ref No: 2228-BT2RUE

Year: 2020/09/01 Incident Dt: Dt MOE Arvl on Scn: 2020/09/01 MOE Reported Dt:

Dt Document Closed: 2021/03/29 Site No: NA MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

OC Transpo LRT site<UNOFFICIAL> Site Name:

Site Address:

Site Region: Eastern Site Municipality: Ottawa

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: 5024833 Easting: 439103

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence:

Nature of Impact: Contaminant Qty: 1 L

System Facility Address:

Client Name: Client Type:

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Source Type: Truck - Transport/Hauling

Contaminant Code: 2

Contaminant Name: OIL ADDITIVES

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a **Receiving Medium:** Land

Incident Reason: Equipment Failure

Incident Summary: KEV: ~ 1 Ldrilling fluid to ground, cntd & clnd

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Miscellaneous Industrial

SAC Action Class: Call Report Locatn Geodata:

12 1 of 5 NW/32.1 59.7 / -4.53 99 New Orchard Avenue Ottawa ON K2B 5E6 EHS

59.7 / -4.53

Order No: 20060329081

Status: C

Report Type: Complete Report Report Date: 4/4/2006
Date Received: 3/29/2006

Previous Site Name: Lot/Building Size: Additional Info Ordered: Nearest Intersection: Municipality: Client Prov/State:

 Client Prov/State:
 MD

 Search Radius (km):
 0.25

 X:
 -75.779095

 Y:
 45.375261

GEN

GEN

Order No: 24062502224

Extenicare Canada Inc.

99 New Orchard Ave Ottawa ON K2B 5E6

Generator No: ON9366274

SIC Code: 623999
SIC Description: All Other Residential Care Facilities

NW/32.1

Approval Years:

2 of 5

PO Box No: Country: Status: Co Admin: Choice of Contact:

12

Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:

Detail(s)

Waste Class: 221

Waste Class Name: LIGHT FUELS

Waste Class: 148

Waste Class Name: INORGANIC LABORATORY CHEMICALS

12 3 of 5 NW/32.1 59.7 / -4.53 Extendicare Canada Inc

99 New Orchard Av Ottawa ON K2B 5E6

Generator No: ON3960850

SIC Code: 623310

SIC Description: Community Care Facilities for the Elderly

Approval Years: 2010

PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:

Detail(s)

Waste Class: 252

WASTE OILS & LUBRICANTS Waste Class Name:

Waste Class:

Waste Class Name: **OIL SKIMMINGS & SLUDGES**

4 of 5 NW/32.1 59.7 / -4.53 99 New Orchard Ave 12 **EHS** Ottawa ON K2B5E6

Order No: 20140505015

Status:

Custom Report Report Type: 08-MAY-14 Report Date: 05-MAY-14 Date Received:

Previous Site Name: Lot/Building Size: Additional Info Ordered: Nearest Intersection: Municipality:

Client Prov/State: ON Search Radius (km): .25

-75.778967 X: Y: 45.375378

12 5 of 5 NW/32.1 59.7 / -4.53 EXTENDICARE (CANADA) INC. 99 NEW ORCHARD AVE OTTAWA ON K2B 5E6

Approval No: R-002-1469597070 REGISTERED Status: Date: 2014-12-10 Record Type: **EASR**

Link Source: **MOFA**

Project Type:

Full Address:

Approval Type: SWP Area Name:

PDF NAICS Code:

PDF URL:

PDF Site Location:

Standby Power System

Rideau Valley

EASR-Standby Power System

Ottawa MOE District: Municipality: **OTTAWA** Latitude: 45.37472222 -75.77944444

Longitude: Geometry X: Geometry Y:

1 of 1 SSW/40.1 64.3 / 0.06 1071 RICHMOND RD 13 **WWIS** OTTAWA ON

7044334 Well ID:

Construction Date: Use 1st: Not Used

Use 2nd: Final Well Status: Test Hole

Water Type: Casing Material:

Audit No: Z70111 A019077 Tag:

Constructn Method: Elevation (m): Elevatn Reliabilty:

Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:

06/04/2007 Date Received: Selected Flag: TRUE

Abandonment Rec:

Contractor: 6838 3 Form Version:

Owner:

OTTAWA-CARLETON County:

Lot:

Order No: 24062502224

EASR

Depth to Bedrock:

Well Depth: Overburden/Bedrock: Pump Rate:

Static Water Level:

Clear/Cloudy:

Municipality: **OTTAWA CITY**

Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

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 704\7044334.pdf Path:

Bore Hole Information

Bore Hole ID: 11766825

DP2BR:

Spatial Status: Code OB:

Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 05/22/2007

Remarks:

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

933102598 Formation ID:

Layer: Color: 6

BROWN General Color: 28 Material 1: SAND Material 1 Desc: Material 2: 84 SILTY Material 2 Desc: Material 3: **GRAVEL** Material 3 Desc:

0.8999999761581421 Formation Top Depth: Formation End Depth: 1.7999999523162842

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 933102599 Concession:

Elevation:

18

3

439011.00

5024763.00

margin of error: 10 - 30 m

Order No: 24062502224

UTM83

Elevrc:

East83:

North83:

Org CS:

UTMRC:

UTMRC Desc:

Location Method:

Zone:

UTM Reliability:

Concession Name: Easting NAD83: Northing NAD83: Zone:

Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Layer: 5 Color: RED General Color: Material 1: 34 Material 1 Desc: TILL 84 Material 2: 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

Overburden and Bedrock

Materials Interval

Formation ID: 933102596

Layer: 2 Color: 2 General Color: **GREY** Material 1: 01 Material 1 Desc: FILL Material 2: 84 SILTY Material 2 Desc: Material 3: 28 SAND Material 3 Desc:

 Formation Top Depth:
 0.10000000149011612

 Formation End Depth:
 0.30000001192092896

Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

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:

Overburden and Bedrock

Materials Interval

Formation ID: 933102597

Layer: Color: General Color: YELLOW Material 1: 01 **FILL** Material 1 Desc: 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

Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Overburden and Bedrock

Materials Interval

Formation ID: 933102595

Layer:

Color:

General Color:

Material 1: 12 Material 1 Desc: STONES

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 0.0

Formation End Depth: 0.10000000149011612

Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933320020

Layer: 1
Plug From: 0.0

Plug To: 0.30000001192092896

Plug Depth UOM: m

Method of Construction & Well

<u>Use</u>

Method Construction ID: 967044334

Method Construction Code:6Method Construction:Boring

Other Method Construction:

Pipe Information

Pipe ID: 11774515

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930900097

 Layer:
 1

 Material:
 5

 Open Hole or Material:
 PLASTIC

 Depth From:
 0.0

Depth To: 0.6000000238418579

Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933424702

Layer: 1 **Slot:** 10

 Screen Top Depth:
 0.6000000238418579

 Screen End Depth:
 3.5999999046325684

Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 5.0

Results of Well Yield Testing

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: Rate UOM:

GPM Water State After Test Code: 3 Water State After Test: **OTHER**

Pumping Test Method: Pumping Duration HR: **Pumping Duration MIN:**

No Flowing:

Hole Diameter

Hole ID: 11853348 Diameter: 20.0 Depth From: 0.0

Depth To: 3.5999999046325684

E/40.2

66.2 / 1.93

ft

Hole Depth UOM: m Hole Diameter UOM: cm

1 of 1

1468-BUSKZR Ref No:

Year:

14

Incident Dt: 10/26/2020

Dt MOE Arvl on Scn:

MOE Reported Dt: 10/27/2020 Dt Document Closed: 2/9/2021

Site No: NA MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: spill <UNOFFICIAL> Byron Ave and Harcourt Ave Site Address:

Site Region: Eastern Site Municipality: Ottawa

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

5024864 Northing: Easting: 439136 Incident Cause:

Incident Preceding Spill:

Environment Impact:

Kiewit Eurovia Vinci

Byron Ave and Harcourt Ave

Ottawa ON

Municipality No: Nature of Damage: Discharger Report: Material Group:

Impact to Health: 2 - Minor Environment

Agency Involved:

SPL

Order No: 24062502224

erisinfo.com | Environmental Risk Information Services

Leak/Break

Direction/ Elev/Diff Site DΒ Map Key Number of

Health Env Consequence:

Nature of Impact: Contaminant Qty: 0.5 L

Records

System Facility Address:

Client Name: Kiewit Eurovia Vinci Corporation Client Type: Source Type: Motor Vehicle

Contaminant Code:

Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)

Distance (m)

(m)

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a

Source Water Zone Receiving Medium: Incident Reason: **Equipment Failure**

Incident Summary: KEV: motor oil to clay clnd 0.5 L

Activity Preceding Spill: Property 2nd Watershed:

Property Tertiary Watershed:

Sector Type: SAC Action Class:

Call Report Locatn Geodata:

Miscellaneous Communal

15 1 of 1 SSE/42.5 66.1 / 1.88 Woodland Avenue and Byron Avenue, Ottawa, SPL

OTTAWA ON

Order No: 24062502224

1-19OWU8 Ref No: Municipality No: Year: Nature of Damage: Incident Dt: 9/21/2021 12:00:00 PM Discharger Report: Material Group:

Dt MOE Arvl on Scn:

MOE Reported Dt: 9/21/2021 12:24:34 PM

Impact to Health: 0 No Impact Dt Document Closed: 11/10/2021 2:02:53 PM Agency Involved:

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Ottawa District Office Site District Office:

Nearest Watercourse:

Site Name:

Site Address: Woodland Avenue and Byron Avenue, Ottawa, ON

Site Region: **OTTAWA** Site Municipality:

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause:

Leak/Break Incident Preceding Spill: **Environment Impact:** 1 Minor Impact

Health Env Consequence:

Nature of Impact: Contaminant Qty: 180 litre (L)

System Facility Address:

Client Name: Client Type:

Source Type: Sewer (Private or Municipal)

Contaminant Code:

Contaminant Name: SEWAGE, RAW UNCHLORINATED

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

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

Agency Involved:

Order No: 24062502224

Site No:

Dt Document Closed:

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: VALVE/FITTING LEAK OR FAILURE

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: WATER

MATERIAL FAILURE Incident Reason:

Incident Summary: RESIDENCE - 200 L.FURN. OIL TO FLOOR DRAIN.

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: SAC Action Class:

Call Report Locatn Geodata:

65.9 / 1.61 1 of 1 S/57.0 Byron Rd and Richmond Ave, near New Orchard 20

Ave, Ottawa ON OTTAWA ON

Municipality No:

Nature of Damage:

Discharger Report:

SPL

Order No: 24062502224

Ref No: 1-1BOQ8Y

Year: Incident Dt: 10/13/2021 2:00:09 PM Dt MOE Arvl on Scn:

Material Group: MOE Reported Dt: 10/13/2021 2:15:14 PM Impact to Health: 0 No Impact 11/5/2021 11:31:26 AM Agency Involved:

Dt Document Closed: Site No:

Desktop Response

MOE Response: Site County/District:

Site Geo Ref Meth:

Site District Office:

Ottawa District Office Nearest Watercourse:

Site Name:

Site Address: Byron Rd and Richmond Ave, near New Orchard Ave, Ottawa ON Site Region:

Site Municipality: **OTTAWA**

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break **Environment Impact:** 1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: .5 litre (L)

System Facility Address:

Client Name:

Client Type: Source Type:

Motor Vehicle

Contaminant Code:

Contaminant Name: HYDRAULIC OIL

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium:

Incident Reason: Equipment failure/malfunction

Incident Summary: KEV hydraulic oil to grd, clnd, clnd 0.5 L

Activity Preceding Spill: Construction or repair

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION Sector Type:

SAC Action Class:

"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7785653840 45.3736228844)"],"creation_date":"2021-Call Report Locatn Geodata:

10-13"}

SSW/58.8 **21** 1 of 1 65.9 / 1.61 UTMs provided. Richmond & New Orcahrd Ave N SPL Ottawa ON

Agency Involved:

2 - Minor Environment

Order No: 24062502224

Ref No: 1348-BTJP7P

Municipality No: Nature of Damage: 2020/09/17 Discharger Report:

Dt MOE Arvl on Scn: Material Group: **MOE** Reported Dt: 2020/09/17 Impact to Health:

2021/02/08 **Dt Document Closed:** Site No: No

MOE Response: Site County/District:

Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

OLRT Site<UNOFFICIAL> Site Name:

Site Address: UTMs provided. Richmond & New Orcahrd Ave N

Site Region: Eastern Site Municipality: Ottawa

Site Lot: Site Conc:

Year: Incident Dt:

Site Geo Ref Accu: Site Map Datum:

5024885 Northing: 439129 Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence:

Nature of Impact:

50 L Contaminant Qty:

System Facility Address:

Client Name: Client Type:

Unknown / N/A Source Type:

Contaminant Code:

DIESEL FUEL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1:

1202 Contaminant UN No 1: Receiving Medium: Land

Equipment Failure Incident Reason:

Incident Summary: KEV - diesel spill at OLRT site

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: SAC Action Class:

Call Report Locatn Geodata:

1 of 1

Miscellaneous Communal

Ottawa ON K2B5E7

Order No: 20160526100 Status: C

WNW/70.6

Report Type: Standard Report Report Date: 02-JUN-16 26-MAY-16 Date Received:

Previous Site Name: Lot/Building Size:

22

Additional Info Ordered: City Directory

Nearest Intersection:

59.6 / -4.70

Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25

100 New Orchard Ave

-75.779845 X: Y: 45.375057

ENE/70.8 66.1 / 1.88 1 of 1 23 Ottawa ON

4758-AY334G Ref No: Year.

Incident Dt: 2018/04/21 Dt MOE Arvl on Scn:

2018/04/21 MOE Reported Dt:

Dt Document Closed:

Site No: NA MOE Response: No Site County/District:

Site Geo Ref Meth: 10 -100 metres eg. Topographic Map

Site District Office:

Nearest Watercourse:

Site Name: 1148 Byron Ave<UNOFFICIAL>

Site Address:

Eastern Site Region: Site Municipality: Ottawa

Site Lot:

Site Conc:

Site Geo Ref Accu: Мар Site Map Datum:

Northing: 5024914.6 439177.87 Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence:

Nature of Impact:

Contaminant Qty: 2 L

System Facility Address:

Client Name: Client Type:

Source Type: Sewer (Private or Municipal)

Contaminant Code:

Order No: 24062502224

EHS

Municipality No: Nature of Damage: Discharger Report: Material Group:

2 - Minor Environment Impact to Health: Agency Involved:

Elev/Diff Site DΒ Map Key Number of Direction/

Records Distance (m) (m)

Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a Receiving Medium: Land

Equipment Failure Incident Reason:

Incident Summary: Sanitary lateral damaged, 2L sewage to grass, cleaned

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: SAC Action Class:

Call Report Locatn Geodata:

Municipal Sewage

SEWAGE, RAW UNCHLORINATED

Land Spills

24 1 of 1 SSW/72.0 65.9 / 1.61 Peter Kiewit Sons ULC, Eurovia Quebec Grands **PTTW**

Projets Inc., Janin Atlas Inc., and

Dodin Quebec Inc. Richmond Road Ottawa, ON

Section 34

Ontario Water Resources Act, R.S.O. 1990

Ontario Water Resources Act

45.373438,-75.778873

2 - Minor Environment

Order No: 24062502224

K2B 6R2 Canada

Decision Posted:

Exception Posted:

Site Location Map:

ON

Section:

Act 1:

Act 2:

EBR Registry No: 019-1824 7544-BPSMC3 Ministry Ref No: Notice Type: Instrument

Notice Stage: **Proposal Updated**

Notice Date:

Proposal Date: May 28, 2020

2020 Year:

Instrument Type: Permit to take water

Permit to Take Water (OWRA s. 34) Off Instrument Name:

Posted By: Ministry of the Environment, Conservation and Parks

Company Name:

Site Address: Richmond Road Ottawa, ON K2B 6R2 Canada

Location Other: Proponent Name: Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc.

Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. 2240 Don Proponent Address:

Reid Drive Ottawa, ON K1H 1E1 Canada

Comment Period: May 28, 2020 - June 27, 2020 (30 days) Closed

URL: https://ero.ontario.ca/notice/019-1824

Site Location Details:

25 1 of 2 ENE/73.1 66.1 / 1.88 Kiewit Eurovia Vinci SPL Byron Ave @ Allison Ave

> Municipality No: Nature of Damage:

Material Group:

Impact to Health:

Agency Involved:

Discharger Report:

Ottawa ON

Ref No: 2156-BW5Q34 Year: 12/9/2020 Incident Dt:

Dt MOE Arvl on Scn:

MOE Reported Dt: 12/9/2020 **Dt Document Closed:** 2/1/2021

Site No: NΑ MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: Intersection<UNOFFICIAL> Site Address: Byron Ave @ Allison Ave

Site Region: Eastern Site Municipality: Ottawa

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

 Northing:
 5024933.21

 Easting:
 439184.32

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence: Nature of Impact:

Contaminant Qty: 30 L

System Facility Address:

Client Name: Kiewit Eurovia Vinci
Client Type: Corporation

Source Type: Sewer (Private or Municipal)

Contaminant Code: 44

Contaminant Name: SEWAGE, RAW UNCHLORINATED

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a
Receiving Medium: Land

Incident Reason: Equipment Failure

Incident Summary: KEV - Spill 30L raw sewage to excavation, cntd, clng

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Miscellaneous Communal

SAC Action Class: Land Spills

Call Report Locatn Geodata:

25 2 of 2 ENE/73.1 66.1 / 1.88 Kiewit Eurovia Vinci Allison Ave and Byron Ave

Ottawa ON

Order No: 24062502224

8070-BUTRSH Municipality No: Nature of Damage:

Year:
Incident Dt: 10/28/2020 Discharger Report:
Dt MOE Arvl on Scn: Material Group:
MOE Reported Dt: 10/28/2020 Impact to Health:

MOE Reported Dt:10/28/2020Impact to Health:2 - Minor EnvironmentDt Document Closed:2/9/2021Agency Involved:

Site No: NA
MOE Response: No
Site County/District:

Site Geo Ref Meth:

Ref No:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: Project OLRT Stage 2<UNOFFICIAL>

Site Address: Allison Ave and Byron Ave

Site Region: Eastern
Site Municipality: Ottawa

Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum:

Northing: 5024932 **Easting:** 439156

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence: Nature of Impact:

Contaminant Qty: 1 L

System Facility Address:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Kiewit Eurovia Vinci Client Name: Client Type: Corporation

Source Type: Truck - Transport/Hauling

Contaminant Code: 13

Contaminant Name: **DIESEL FUEL**

Contaminant Limit 1: Contam Limit Freq 1:

1202 Contaminant UN No 1: Receiving Medium: Land

Incident Reason: Operator/Human Error

Incident Summary: KEV: ~ 1L diesel to gravel, cntd & clnd

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Miscellaneous Industrial

SAC Action Class: Land Spills

Call Report Locatn Geodata:

1 of 1 SW/73.1 62.8 / -1.44 26 **BORE** ON

No

Order No: 24062502224

611018 Inclin FLG: Borehole ID: No

OGF ID: 215512527 SP Status: Initial Entry Status: Surv Elev: No

Borehole Type: Piezometer: Use: Primary Name: Completion Date: Municipality: Static Water Level: Lot:

Primary Water Use: Township: Sec. Water Use: Latitude DD:

45.373624 Total Depth m: -999 Longitude DD: -75.779544 **Ground Surface** UTM Zone:

Depth Ref: 18 438961 Depth Elev: Easting: Drill Method: Northing: 5024752

Location Accuracy: Orig Ground Elev m: 65.5

Elev Reliabil Note: Not Applicable Accuracy: 65.3 DEM Ground Elev m:

Concession: Location D: Survey D: Comments:

Borehole Geology Stratum

218387244 Mat Consistency: Geology Stratum ID: Top Depth: Material Moisture: 0 **Bottom Depth:** 6.4 Material Texture: Material Color: Non Geo Mat Type: Material 1: Clay Geologic Formation: Geologic Group:

Material 2: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: CLAY.

Geology Stratum ID: 218387245 Mat Consistency: Dense

Top Depth: 6.4 Material Moisture: Bottom Depth: Material Texture:

Material Color: Non Geo Mat Type: Grey Material 1: Bedrock Geologic Formation: Material 2: Limestone Geologic Group: Material 3: Geologic Period:

Material 4: Depositional Gen: Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Gsc Material Description:

Stratum Description: 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.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence:HHorizontal:NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035260 NTS_Sheet: 31G05C

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

27 1 of 1 SE/77.5 68.1 / 3.80 ON BORE

Order No: 24062502224

Borehole ID: 611019 Inclin FLG: No

OGF ID: 215512528 SP Status: Initial Entry

Status:Surv Elev:NoType:BoreholePiezometer:No

Use: Primary Name:

Completion Date: MAY-1953 Municipality: Static Water Level: Lot:

Static Water Level: Lot:
Primary Water Use: Township:

 Sec. Water Use:
 Latitude DD:
 45.373818

 Total Depth m:
 29
 Longitude DD:
 -75.777503

 Part II Depth m:
 29
 Longitude DD:
 -75.777503

 Depth Ref:
 Ground Surface
 UTM Zone:
 18

 Depth Elev:
 Easting:
 439121

 Drill Method:
 Northing:
 5024772

Drill Method:Northing:5024Orig Ground Elev m:73.2Location Accuracy:

Elev Reliabil Note: Accuracy: Not Applicable

DEM Ground Elev m: 69.2

Concession: Location D: Survey D:

Comments:

Borehole Geology Stratum

Geology Stratum ID: 218387247 Mat Consistency:
Top Depth: 3 Material Moisture:
Bottom Depth: 18.3 Material Texture:
Material Color: Non Geo Mat Type:

Material 1:LimestoneGeologic Formation:Material 2:Geologic Group:Material 3:Geologic Period:Material 4:Depositional Gen:

Gsc Material Description:

Stratum Description: LIMESTONE.

Geology Stratum ID: 218387249 Mat Consistency: Dense

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Material Moisture: Top Depth: 21.3 **Bottom Depth:** Material Texture: 29 White Material Color: Non Geo Mat Type: Material 1: Limestone Geologic Formation: Material 2: Geologic Group: Geologic Period: Material 3:

Gsc Material Description:

Material 4:

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.

Depositional Gen:

Geology Stratum ID: 218387246 Mat Consistency: 0 Top Depth: Material Moisture: Bottom Depth: 3 Material Texture: Material Color: Grey Non Geo Mat Type: Material 1: Geologic Formation: Clay Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: CLAY. GREY.

Geology Stratum ID: 218387248 Mat Consistency:
Top Depth: 18.3 Material Moisture:
Bottom Depth: 21.3 Material Texture:
Material Color: None of Material Texture:

Material 1:LimestoneGeologic Formation:Material 2:ShaleGeologic Group:Material 3:Geologic Period:Material 4:Depositional Gen:

Gsc Material Description:

Stratum Description: LIMESTONE, SHALE.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence: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:

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

28 1 of 1 SE/77.7 68.1 / 3.80 WWIS

Order No: 24062502224

Well ID: 1509027 Flowing (Y/N):
Construction Date: Flow Rate:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

Final Well Status: Water Supply Date Received: 06/29/1953

Water Type: Date Received: 06/29/1

Water Type: Selected Flag: TRUE

Casing Material: Abandonment Rec:

DΒ Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

3718 Contractor:

Audit No: Form Version: Tag: Constructn Method: Owner:

OTTAWA-CARLETON Elevation (m): County:

Elevatn Reliabilty: Lot: Concession: Depth to Bedrock: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level: Zone:

UTM Reliability: Clear/Cloudy:

Municipality: **OTTAWA CITY** Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509027.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/24/1953 Year Completed: 1953 Depth (m): 28.956

Latitude: 45.3738162317949 Longitude: -75.7775025447026 -75.77750238344322 X: Y: 45.373816225018125 150\1509027.pdf Path:

Bore Hole Information

Bore Hole ID: 10031061 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 439120.70 Code OB: East83: Code OB Desc: 5024772.00 North83:

Open Hole: Org CS:

Cluster Kind: UTMRC: Date Completed: 05/24/1953 UTMRC Desc: unknown UTM

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:

Overburden and Bedrock

Materials Interval

931011256 Formation ID:

Layer:

Color: General Color:

Material 1: 15

LIMESTONE Material 1 Desc:

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

Order No: 24062502224

Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID: 931011257

Layer: 3

Color:

General Color:

Material 1: 15

Material 1 Desc:LIMESTONEMaterial 2:17Material 2 Desc:SHALE

Material 3: Material 3 Desc:

Formation Top Depth: 60.0 Formation End Depth: 70.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961509027Method Construction Code:1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579631

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930054764

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:95.0Casing Diameter:4.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc:PUMPPump 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:ftRate UOM:GPMWater State After Test Code:2Water State After Test:CLOUDYPumping Test Method:1

Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463794

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 75.0

 Water Found Depth UOM:
 ft

29 1 of 1 SSE/79.9 67.9/3.61 lot 25 con 1

Well ID: 1503902 Flowing (Y/N):
Construction Date: Flow Rate:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Data Entry Status:

Order No: 24062502224

Use 1st: Domestic

Use 2nd:

Data Src: 11/12/1949 Final Well Status: Water Supply Date Received: TRUE

Selected Flag: Water Type: Casing Material: Abandonment Rec:

Audit No: 3566 Contractor: Tag: Form Version:

Constructn Method: Owner: County: Elevation (m): 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)

10/08/1949 Well Completed Date: Year Completed: 1949 Depth (m): 28.956

45.3735435993952 Latitude: Longitude: -75.7778832206676 X: -75.7778830597133 Y: 45.37354359257608 150\1503902.pdf Path:

Bore Hole Information

Bore Hole ID: 10025945 Elevation: DP2BR: Elevrc:

Spatial Status: 18 Zone:

Code OB: East83: 439090.60 Code OB Desc: North83: 5024742.00 Open Hole: Org CS:

Cluster Kind: UTMRC:

Date Completed: 10/08/1949 **UTMRC Desc:** unknown UTM

Remarks: Location Method: Original Pre1985 UTM Rel Code 9: unknown UTM

Location Method Desc:

Elevrc Desc:

Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

930997847 Formation ID:

Layer:

Color:

General Color:

Material 1: 02

TOPSOIL Material 1 Desc:

Material 2: Material 2 Desc: Material 3:

Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Material 3 Desc:

Formation Top Depth: 0.0 Formation End Depth: 9.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961503902Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10574515

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930044640

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:95.0Casing Diameter:4.0Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

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

Order No: 24062502224

DΒ Number of Direction/ Elev/Diff Site Map Key Records Distance (m) (m)

Results of Well Yield Testing

PUMP Pumping Test Method Desc: 991503902 Pump Test ID:

Pump Set At: Static Level:

30.0 40.0

Final Level After Pumping:

Recommended Pump Depth: Pumping Rate: 7.0

Flowing Rate: Recommended Pump Rate:

7.0

Levels UOM: **GPM** Rate UOM: Water State After Test Code:

Water State After Test: **CLEAR** Pumping Test Method: 1 Pumping Duration HR: 0 **Pumping Duration MIN:** 30 No Flowing:

Water Details

Water ID: 933456928

Layer: 1 Kind Code: **FRESH** Kind: Water Found Depth: 92.0 Water Found Depth UOM: ft

30 1 of 1 W/80.7 59.9 / -4.39 **BORE** ON

Borehole ID: 611024 215512533 OGF ID:

Status:

Borehole Type:

Use: SEP-1972 Completion Date:

Static Water Level: Primary Water Use:

Sec. Water Use: Total Depth m: 6.4

Depth Ref: **Ground Surface** Depth Elev:

Drill Method:

Orig Ground Elev m: 60

Elev Reliabil Note:

DEM Ground Elev m: 62

Concession: Location D: Survey D: Comments:

Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:

Lot: Township:

Latitude DD:

Longitude DD: -75.780195 UTM Zone: 18 Easting: 438911 Northing: 5024852

Location Accuracy:

Not Applicable Accuracy:

No

No

No

Initial Entry

45.37452

Borehole Geology Stratum

218387265 Geology Stratum ID: Mat Consistency: Compact

Top Depth: 0 1.9 **Bottom Depth:** Material Color: Brown Material 1: Material 2: Sand Material 3: Silt Material 4: Gravel Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Gsc Material Description:

Stratum Description: ARTIFICIAL,SAND,SILT,GRAVEL. BROWN,GREY,COMPACT.

Geology Stratum ID: 218387266 Mat Consistency: Loose

Top Depth: 1.9 Material Moisture:

Bottom Depth: 4.3 Material Texture: Coarse

Material Color:BrownNon Geo Mat Type:Material 1:SandGeologic Formation:Material 2:SandGeologic Group:Material 3:GravelGeologic Period:Material 4:Depositional Gen:

Gsc Material Description:

SAND, SAND, SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN, LOOSE.

Geology Stratum ID: 218387267 Mat Consistency: Dense

Top Depth: 4.3 Material Moisture: 6.4 Material Texture: Bottom Depth: Material Color: Grey Non Geo Mat Type: Material 1: Silt Geologic Formation: Material 2: Sand Geologic Group: Material 3: Till Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: 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.

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: H H Horizontal: NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035320 NTS_Sheet: 31G05C

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

31 1 of 4 WSW/85.9 60.2 / -4.09 1071 Ambleside drive ottawa ON K2B 6V4

Order No: 20080408028 Nearest Intersection:

Status: C Municipality:

 Report Type:
 Custom Report
 Client Prov/State:
 ON

 Report Date:
 4/17/2008
 Search Radius (km):
 0.25

 Date Received:
 4/8/2008
 X:
 -75.779894

 Previous Site Name:
 Y:
 45.37395

Previous Site Name: Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps And /or Site Plans

31 2 of 4 WSW/85.9 60.2 / -4.09 1071 Ambleside Dr Ottawa ON K2B6V4

Order No: 24062502224

Order No: 20150323014 Nearest Intersection:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) Status: С Municipality: Report Type: **Custom Report** Client Prov/State: ON Report Date: 26-MAR-15 Search Radius (km): .25 23-MAR-15 -75.779859 Date Received: X: Previous Site Name: Y: 45.37368 Lot/Building Size: Additional Info Ordered: 31 3 of 4 WSW/85.9 60.2 / -4.09 1071 Ambleside Drive **EHS** Ottawa ON K2B 6V4 21040500147 Nearest Intersection: Order No: Municipality: Status: C Standard Report ON Report Type: Client Prov/State: Report Date: 08-APR-21 Search Radius (km): .25 Date Received: 05-APR-21 X: -75.7801139 45.374187 Y: Previous Site Name: Lot/Building Size: Additional Info Ordered: 31 4 of 4 WSW/85.9 60.2 / -4.09 1071 Ambleside Drive **EHS** Ottawa ON K2B 6V4 Order No: 20200327017 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 01-APR-20 Search Radius (km): .25 27-MAR-20 -75.7801139 Date Received: X: Previous Site Name: Y: 45.374187 Lot/Building Size: Additional Info Ordered: 32 1 of 2 SE/89.8 68.7 / 4.44 PIPELINE HIT - 1/2" **PINC** 211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA ON Incident Id: Pipe Material: 1679334 Incident No: Fuel Category: Incident Reported Dt: Health Impact: 7/10/2015 Type: FS-Pipeline Incident Environment Impact: Status Code: Property Damage: Tank Status: Pipeline Damage Reason Est Service Interrupt: Enforce Policy: Task No: Spills Action Centre: Public Relation: Fuel Type: Pipeline System: Fuel Occurrence Tp: PSIG: Date of Occurrence: Attribute Category: Occurrence Start Dt: Regulator Location: Depth: Method Details: PIPELINE HIT - 1/2" **Customer Acct Name:** 211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA Incident Address: Operation Type: Pipeline Type:

Order No: 24062502224

Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Notes:

32 2 of 2 SE/89.8 68.7 / 4.44 Enbridge Gas Distribution Inc. SPL

Ottawa ON

Municipality No:

Material Group:

Impact to Health:

Agency Involved:

Nature of Damage:

Discharger Report:

Ref No: 5883-9YA2JS

Year:

Incident Dt: 7/9/2015

Dt MOE Arvl on Scn:

 MOE Reported Dt:
 7/9/2015

 Dt Document Closed:
 8/26/2015

 Site No:
 NA

 MOE Response:
 No

Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse:

Site Name: residential<UNOFFICIAL>

Site Address: 211 woodland Dr

Site Region:

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: 0 other - see incident description

System Facility Address:

Client Name: Enbridge Gas Distribution Inc.

Client Type: Source Type:

Contaminant Code: 35

Contaminant Name: NATURAL GAS (METHANE)

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium:

Incident Reason: Operator/Human Error

Incident Summary: TSSA: 1/2" line strike on Woodland Dr -made safe-

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Miscellaneous Communal

SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Call Report Locatn Geodata:

33 1 of 1 ENE/90.8 65.7 / 1.45 Kiewit Eurovia Vinci

North of Byron Ave and Allison Ave

SPL

Order No: 24062502224

Ottawa ON

 Ref No:
 7454-BV3NVF
 Municipality No:

 Year:
 Nature of Damage:

 Incident Dt:
 11/5/2020
 Discharger Report:

Dt MOE Arvl on Scn: Material Group:

MOE Reported Dt: 11/5/2020 Impact to Health: 2 - Minor Environment

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Dt Document Closed: 2/9/2021 Site No:

NA

Agency Involved:

MOE Response:

No

Site County/District: Site Geo Ref Meth:

Site District Office:

Ottawa

Nearest Watercourse:

Hyd Oil Spill<UNOFFICIAL> Site Name: Site Address: North of Byron Ave and Allison Ave

Site Region: Eastern Site Municipality: Ottawa

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: 5024957.59 439176.54 Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence: Nature of Impact:

0.5 L Contaminant Qty:

System Facility Address:

Client Name: Kiewit Eurovia Vinci Corporation Client Type: Other Source Type: Contaminant Code:

HYDRAULIC OIL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a

Receiving Medium: Land; Source Water Zone Incident Reason: **Equipment Failure**

Incident Summary: KEV: 0.5 L Hyd Oil to Grnd- Clnd

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Miscellaneous Industrial Sector Type:

SAC Action Class: Land Spills

Call Report Locatn Geodata:

1 of 5

S/100.3 66.2 / 1.91 Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6

GEN

Order No: 24062502224

ON7962034

Generator No: SIC Code: SIC Description:

Approval Years: As of Jul 2020

PO Box No:

34

Country: Canada Status: Registered Co Admin:

Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:

Detail(s)

Waste Class: 146 L

Waste Class Name: Other specified inorganic sludges, slurries or solids

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB		
34	2 of 5	S/100.3	66.2 / 1.91	Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6	GEN		
Generator N	lo:	ON7962034					
SIC Code: SIC Descrip	tion:						
Approval Ye	ears:	As of Nov 2021					
PO Box No:		Conada					
Country: Status:		Canada Registered					
Co Admin:							
Choice of C							
Phone No A Contaminat							
MHSW Facil							
<u>Detail(s)</u>							
Waste Class	s:	221 L					
Waste Class		Light fuels					
Waste Class	s:	146 L					
Waste Class	s Name:	Other specified inorganic sludges, slurries or solids					
<u>34</u>	3 of 5	S/100.3	66.2 / 1.91	Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6	GEN		
Generator N SIC Code:		ON7962034					
SIC Descrip Approval Ye PO Box No:	ears:	As of Oct 2022					
Country:		Canada					
Status:		Registered					
Co Admin: Choice of C	ontact:						
Phone No A							
Contaminate MHSW Facility							
WITISW FACI	my.						
<u>Detail(s)</u>							
Waste Class		221 L					
Waste Class	s Name:	LIGHT FUELS					
Waste Class		146 L OTHER SPECIFIEI	O INORGANICS				
<u>34</u>	4 of 5	S/100.3	66.2 / 1.91	Byron Avenue and New Orchard Avenue, Ott OTTAWA ON	awa SPL		
		1-1BUH6Z		Municipality No:			
Year: Incident Dt:		10/8/2021 3:20:00 PM		Nature of Damage: Discharger Report:			
Dt MOE Arv		10/0/2021 2:22:44 DM	1	Material Group:			
MOE Report Dt Documer		10/8/2021 3:33:44 PM 11/4/2021 2:44:01 PM		Impact to Health: 0 No Impact Agency Involved:			
Site No:				• • • • • • • • • • • • • • • • • • •			
MOE Respo	nse:	Desktop Response					

Order No: 24062502224

Elev/Diff Site DΒ Map Key Number of Direction/ Records Distance (m) (m)

Site County/District:

Site Geo Ref Meth:

Site District Office: Ottawa District Office

Nearest Watercourse:

Site Name:

Byron Avenue and New Orchard Avenue, Ottawa Site Address:

Site Region:

OTTAWA Site Municipality:

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause:

Incident Preceding Spill: Leak/Break Environment Impact: 1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 1 litre (L)

System Facility Address: Client Name:

Client Type:

Source Type: Spray Vessel/Equipment

Contaminant Code:

HYDRAULIC OIL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason: Equipment failure/malfunction Incident Summary: KEV: 1 L hydraulic oil spill, cleaned.

Activity Preceding Spill: Normal operations Central Ottawa Property 2nd Watershed:

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

HIGHWAY, STREET AND BRIDGE CONSTRUCTION Sector Type:

SAC Action Class:

Call Report Locatn Geodata: ","(integration_ids":["PR00004307943","PR00004320938"],"wkts":["POINT (-75.7786750000 45.3731816000)","

POINT (-75.7590161000 45.3889641000)"], "creation_date": "2021-10-08"}

S/100.3 66.2 / 1.91 5 of 5 New Orchard Avenue and Byron Avenue, Ottawa 34 SPL OTTAWA ON

Material Group:

0 No Impact

Order No: 24062502224

1-SE1KH Ref No: Municipality No: Year: Nature of Damage: Discharger Report:

Incident Dt: 7/8/2021 9:30:00 AM

Dt MOE Arvl on Scn:

MOE Reported Dt: 7/8/2021 11:45:15 AM

Impact to Health: Dt Document Closed: 12/3/2021 1:58:14 PM Agency Involved:

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Ottawa District Office Site District Office:

Nearest Watercourse:

Site Name:

New Orchard Avenue and Byron Avenue, Ottawa Site Address:

Site Region:

Site Municipality: **OTTAWA**

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing:

Elev/Diff Site DΒ Map Key Number of Direction/ Records Distance (m) (m)

Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break Environment Impact: 1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 20 litre (L)

System Facility Address:

Client Name: Client Type:

Motor Vehicle Source Type: Contaminant Code:

Contaminant Name: Contaminant Limit 1:

Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason: Equipment failure/malfunction

Incident Summary: Kiewit: 20L hydraulic oil to ground from excavator

HYDRAULIC OIL

Activity Preceding Spill: Construction or repair

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi Sector Type: SITE PREPARATION CONTRACTORS

SAC Action Class:

Call Report Locatn Geodata: "integration_ids":["PR00004307943"],"wkts":["POINT (-75.7786750000 45.3731816000)"],"creation_date":"2021-

07-08"}

Approved

S/110.4

NE/108.2 63.9 / -0.39 KAYSUSH DEVELOPMENTS LTD. 35 1 of 1 CA LOT 1, 993 RICHMOND RD. (SWM)

3-0601-97-Certificate #: Application Year: Issue Date: 7/2/1997 Approval Type: Municipal sewage

Status: Application Type: Client Name: Client Address: Client City:

Client Postal Code: Project Description: Contaminants:

OTTAWA CITY ON K2B 6R1

Emission Control:

67.2 / 2.97

522924 Incident No: 2679322 Incident ID:

1 of 1

Instance No:

Status Code: Causal Analysis Complete

Incident Status: Incident Severity:

Instance Creat Dt:

3209833 Task No:

Attribute Category: FS-Perform L1 Incident Insp

Context:

36

2011/01/24 00:00:00 Date of Occurrence:

2011/01/25 00:00:00 Occr Insp Start Dt: Incident Creat On:

Time of Occurrence: 12:00:00

1208 Byron Avenue, Ottawa ON

Any Health Impact: No Any Enviro Impact: Yes Service Intrp: No Was Prop Damaged: Yes Reside App. Type: Commer App. Type:

Indus App. Type: Institut App. Type: Depth Ground Cover: Operation Pressure: Equipment Type: **Equipment Model:** Serial No:

Cylinder Capacity:

INC

Elev/Diff Site Map Key Number of Direction/ Records Distance (m) (m)

Instance Install Dt:

Approx Quant Rel: Unknown

Tank Capacity:

Fuels Occur Type: Leak

Occur Type Rpt: Occur Category:

Fuel Type Involved: Fuel Oil

Fuel Type Reported:

Enforcement Policy: NULL Prc Escalation Reg: NULL

Item:

Item Description:

Device Installed Location:

Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Regulator Location: Regulator Type: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: **Liquid Prop Notes:**

1208 Byron Avenue, Ottawa - Leak Inventory Address:

Invent Postal Code:

Notes:

Contact Natural Env: Yes Aff Prop Use Water: No

Operation Type Involved: Private Dwelling

> Lat 45.3731 91 Lon 75.779214 OTTAWA ON

Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: Agency Involved:

1-55OF2N Ref No:

1 of 1

Year:

Incident Dt: Mar 22,2024 01:26:49 PM

Dt MOE Arvl on Scn: Mar 22,2024 01:26:49 PM MOE Reported Dt: Dt Document Closed: Apr 10,2024 12:56:12 PM

Site No:

37

MOE Response: Desktop Response

Site County/District:

Site Geo Ref Meth:

Ottawa District Office Site District Office:

Nearest Watercourse:

Site Name:

Lat 45.3731 91 Lon 75.779214 Site Address:

Site Region:

Site Municipality: **OTTAWA**

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause:

Leak/Break Incident Preceding Spill:

Environment Impact:

Health Env Consequence: Low

Nature of Impact:

Contaminant Qty: 90 litre (L)

DΒ

Unknown

No Unknown Yes, unknown

Sub Surface Contam: Tank Material Type: Tank Storage Type: Tank Location Type:

Cylinder Cap Units:

Cylinder Mat Type:

Contam. Migrated:

Drainage System:

Near Body of Water:

Pump Flow Rate Cap:

65.0 / 0.69

Occurence Narrative: Leak from bottom of oil tank.

SSW/112.8

SPL

Order No: 24062502224

Elev/Diff Site DΒ Map Key Number of Direction/

Records Distance (m) (m)

System Facility Address:

Client Name: Client Type:

Source Type: Container/Drum/Tote

Contaminant Code:

CONCRETE ADMIXTURE (DE-WATERING) Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason: Equipment failure/malfunction

Incident Summary: Kiewit Eurovia Vinci: 90L of concrete wash water to pavement. Contained. Clean up underway.

Activity Preceding Spill: Construction or repair Central Ottawa Property 2nd Watershed:

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION Sector Type:

SAC Action Class:

Call Report Locatn Geodata: "integration_ids":["PR00004307943"],"wkts":["POINT (-75.7792139202 45.3730987312)"],"creation_date":"2024-

03-22"}

ENE/120.6 45.37576, -75.77666 38 1 of 1 65.6 / 1.29 SPL OTTAWA ON

Municipality No:

Material Group:

Impact to Health:

Agency Involved:

Order No: 24062502224

Nature of Damage:

Discharger Report:

1-4H9V5T Ref No:

Year: Incident Dt: 12/7/2023 11:31:49 AM

Dt MOE Arvl on Scn: MOE Reported Dt: 12/7/2023 7:31:49 PM

Dt Document Closed: 12/8/2023 3:29:23 PM Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Site District Office:

Ottawa District Office

Nearest Watercourse:

Site Name:

45.37576, -75.77666 Site Address:

Site Region:

Site Municipality: **OTTAWA** Site Lot:

Site Conc: Site Geo Ref Accu: Site Map Datum:

Northing: Easting: Incident Cause:

Unknown / N/A Incident Preceding Spill:

Environment Impact: Health Env Consequence:

Nature of Impact:

Contaminant Qty: 1 litre (L)

System Facility Address:

Client Name: Client Type:

Source Type: Motor Vehicle

Contaminant Code:

HYDRAULIC OIL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Equipment failure/malfunction Incident Reason: KEV: 1L of hydraulic oil to grnd. Clnd. Incident Summary:

Activity Preceding Spill: Normal operations

Direction/ Elev/Diff Site DΒ Map Key Number of Distance (m) (m)

Records

Call Report Locatn Geodata:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION Sector Type:

SAC Action Class:

12-07"}

S/122.3 1 of 1 66.9 / 2.64 39 **WWIS** ON

"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7766600000 45.3757600000)"],"creation_date":"2023-

1507961 Well ID: Flowing (Y/N):

Construction Date: Flow Rate: Use 1st: Domestic Data Entry Status:

Use 2nd: Data Src:

Final Well Status: Water Supply Date Received: 01/31/1951 Water Type: Selected Flag: TRUE

Casing Material: Abandonment Rec: 3566 Audit No: Contractor: Tag: Form Version: 1

Owner: Constructn Method:

OTTAWA-CARLETON 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: UTM Reliability:

Clear/Cloudy: **OTTAWA CITY** Municipality:

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507961.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/07/1950 Year Completed: 1950 Depth (m): 19.812

Latitude: 45.372998348235 Longitude: -75.7786420076551 X: -75.77864184666585 Y: 45.37299834141857 150\1507961.pdf Path:

Bore Hole Information

Bore Hole ID: 10029996 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 Code OB: East83: 439030.60

Code OB Desc: North83: 5024682.00 Open Hole: Org CS:

Cluster Kind: UTMRC:

Date Completed: 12/07/1950 **UTMRC Desc:** margin of error: 30 m - 100 m

Order No: 24062502224

Location Method: Remarks:

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error: 30 m - 100 m

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

Overburden and Bedrock

Materials Interval

Formation ID: 931008480

Layer:

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

Overburden and Bedrock **Materials Interval**

931008478 Formation ID:

Layer:

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

Overburden and Bedrock

Materials Interval

931008479 Formation ID:

Layer:

Color: General Color:

Material 1:

17 SHALE Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 2.0 Formation End Depth: 4.0 Formation End Depth UOM:

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961507961 **Method Construction Code:**

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

10578566 Pipe ID:

Casing No: Comment: Alt Name:

Construction Record - Casing

930052646 Casing ID:

Layer: 1 Material: Open Hole or Material: STEEL

Depth From:

14.0 Depth To: Casing Diameter: 5.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052647

Layer: 2 Material:

OPEN HOLE Open Hole or Material:

Depth From:

Depth To: 65.0 Casing Diameter: 5.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Results of Well Yield Testing

PUMP Pumping Test Method Desc: 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:

ft Levels UOM: Rate UOM: **GPM** Water State After Test Code: **CLEAR** Water State After Test: Pumping Test Method: 1 **Pumping Duration HR:** 0 **Pumping Duration MIN:** 30 Flowing: No

Water Details

Water ID: 933462274

Layer: Kind Code: **FRESH** Kind: Water Found Depth: 42.0 Water Found Depth UOM: ft

40 1 of 4 SW/130.9 64.2 / -0.09 715137 Ontario Ltd. 1075 Richmond Road Ottawa Ontario Ottawa

ON

EBR

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

EBR Registry No: IA02E1181 Decision Posted: Ministry Ref No: 5062-5ECKH6 **Exception Posted:** Section:

Notice Type: Notice Stage:

Notice Date:

Instrument Decision

Act 1: April 04, 2003 Act 2: September 30, 2002

Proposal Date: Year: 2002

(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Instrument Type:

Off Instrument Name:

Posted By:

Company Name: 715137 Ontario Ltd.

Site Address: Location Other: Proponent Name: Proponent Address:

1075 Richmond Road, Ottawa Ontario, K2B 6R2

Comment Period:

URL:

Site Location Details:

1075 Richmond Road Ottawa Ontario Ottawa

40 2 of 4 SW/130.9 64.2 / -0.09

715137 Ontario Ltd. 1075 Richmond Road Ottawa ON K2B 6R2

Site Location Map:

Certificate #: 6610-5JCM83 Application Year: 2003 Issue Date: 4/2/2003 Approval Type: Air Approved Status:

Application Type: Client Name: Client Address: Client City: Client Postal Code:

Project Description: Contaminants: **Emission Control:**

> SW/130.9 64.2 / -0.09 1866688 Ontario Ltd **EASR** 1075 RICHMOND RD

> > Ottawa

OTTAWA

45.373066

-75.77972

OTTAWA ON K2B 6R2

MOE District:

Municipality:

Latitude:

Longitude:

Geometry X:

Geometry Y:

R-001-9236910112 Approval No: Status: REGISTERED 2012-10-25 Date: **EASR** Record Type: **MOFA**

Link Source: Project Type:

3 of 4

Automotive Refinishing Facility

Full Address:

40

Approval Type:

SWP Area Name:

PDF NAICS Code: PDF URL:

PDF Site Location:

EASR-Automotive Refinishing Facility

Rideau Valley

4 of 4 40

SW/130.9

64.2 / -0.09

715137 Ontario Ltd. 1075 Richmond Road

ECA

Order No: 24062502224

CA

Number of Direction/ Elev/Diff Site DΒ Map Key

Records Distance (m) (m)

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 IDS Geometry X: Link Source: Geometry Y:

SWP Area Name: Rideau Valley ECA-AIR Approval Type: Project Type: AIR

Business Name: 715137 Ontario Ltd.

1075 Richmond Road Address: Full Address:

https://www.accessenvironment.ene.gov.on.ca/instruments/5062-5ECKH6-14.pdf Full PDF Link:

PDF Site Location:

1 of 1 ENE/135.4 67.9 / 3.67 178 Ancaster Avenue 41 SPL Ottawa ON K2B 5B3

Order No: 24062502224

2321-BCKNSM Ref No: 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>

178 Ancaster Avenue Site Address:

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 Freg 1: Contaminant UN No 1: Receiving Medium: Incident Reason:

Pesticide Complaint: Round Up application Incident Summary:

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type:

Мар Кеу	Numbe Record		Elev/Diff (m)	Site	DB
SAC Action (Call Report L		data:			
<u>42</u>	1 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B6R1	PRT
Location ID: Type: Expiry Date: Capacity (L): Licence #:		11061 retail 1995-12-31 67500 0023815001			
42	2 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	GEN
Generator No SIC Code: SIC Descripti Approval Yea	ion:	ON8940840 02,03,04			
PO Box No: Country: Status: Co Admin: Choice of Co Phone No Ad Contaminate	ontact: dmin:				
MHSW Facili	•				
<u>Detail(s)</u>					
Waste Class Waste Class		221 LIGHT FUELS			
<u>42</u>	3 of 10	NE/136.7	62.8 / -1.48	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	DTNK
<u>Delisted Exp</u> <u>Facilities</u>	ired Fuel S	afety_			
Instance No: Status: Instance ID:		9565456 EXPIRED		Expired Date: 12/4/2001 Max Hazard Rank: Facility Location:	
Instance Typ Instance Cre		FS Facility		Facility Type:	
Instance Inst	tall Dt:			Fuel Type 2: Fuel Type 3:	
Item Descrip Manufacture				Panam Related: Panam Venue Nm:	
Model: Serial No:				External Identifier: Item:	
ULC Standar Quantity:	rd:			Piping Steel: Piping Galvanized:	
Unit of Meas				Tank Single Wall St:	
Overfill Prot Creation Date Next Periodic	e:			Piping Underground: Tank Underground: Source:	
TSSA Base S	Sched Cycl	e 2:			

Order No: 24062502224

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance:

TSSA Program Area: TSSA Program Area 2:

TSSA Program Area : Description:

Original Source:

Record Date: Up to May 2013

op to May 2013

42 4 of 10 NE/136.7 62.8 / -1.48 TOPS

EXP

TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON

DTNK

<u>Delisted Expired Fuel Safety</u> <u>Facilities</u>

 Instance No:
 10906073

 Status:
 EXPIRED

 Instance ID:
 50765

 Instance Type:
 FS Piping

Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: **ULC Standard:** Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance:

> FS Piping EXP

Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:

Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:

Source:

42 5 of 10

TSSA Program Area: TSSA Program Area 2:

Description: Original Source:

NE/136.7

62.8 / -1.48

TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON

DTNK

Order No: 24062502224

Delisted Expired Fuel Safety

Facilities

 Instance No:
 10906040

 Status:
 EXPIRED

 Instance ID:
 51466

 Instance Type:
 FS Piping

Expired Date: Max Hazard Rank: Facility Location: Facility Type:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: **ULC Standard:**

Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives:

TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area:

TSSA Program Area 2: Description: Original Source:

Record Date: Up to Mar 2012

FS Piping **EXP**

Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground:

Tank Underground:

Source:

Fuel Type 2:

6 of 10 42

NE/136.7

62.8 / -1.48

TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON

DTNK

Order No: 24062502224

Delisted Expired Fuel Safety

Facilities

Instance No: 10906057 **EXPIRED** Status: 52622 Instance ID: Instance Type: FS Piping

Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: **ULC Standard:** Quantity: Unit of Measure:

Overfill Prot Type:

Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval:

TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area:

TSSA Program Area 2:

Record Date: Up to Mar 2012

FS Piping Description: Original Source: **EXP**

Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3:

Panam Related: Panam Venue Nm: External Identifier:

Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground:

Source:

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
<u>42</u>	7 of 10		NE/136.7	62.8 / -1.48	TOPS CAR WASH CO 979 RICHMOND RD OTTAWA ON	OLTD	EXP
nventory No nventory St	atus:	10906064 EXPIRED 1988			Tank Material: Corrosion Protect:	Steel Sacrificial anode	
nstallation \ Capacity: Capacity Un Fank Type: Manufacture Model:	it:	22700			Overfill Protection: Inventory Context: Inventory Item:	FS Liquid Fuel Tank FS LIQUID FUEL TANK	
Description: Previous Fu			UNDERGROUND Gasoline	TANK			
42	8 of 10		NE/136.7	62.8 / -1.48	TOPS CAR WASH CO 979 RICHMOND RD OTTAWA ON	DLTD	EXF
nventory No nventory St nstallation	atus:	10906031 EXPIRED 1988			Tank Material: Corrosion Protect: Overfill Protection:	Steel Sacrificial anode	
Capacity: Capacity Uni Tank Type: Manufacture	it:	22700			Inventory Context: Inventory Item:	FS Liquid Fuel Tank FS LIQUID FUEL TANK	
Model: Description: Previous Fu			UNDERGROUND Gasoline	TANK			
42	9 of 10		NE/136.7	62.8 / -1.48	TOPS CAR WASH CO 979 RICHMOND RD OTTAWA ON	DLTD	EXF
nventory No nventory St nstallation	atus:	10906049 EXPIRED 1988			Tank Material: Corrosion Protect: Overfill Protection:	Steel Sacrificial anode	
Capacity: Capacity Un Tank Type: Manufacture	it:	22700			Inventory Context: Inventory Item:	FS Liquid Fuel Tank FS LIQUID FUEL TANK	
Model: Description: Previous Fu			UNDERGROUND Gasoline	TANK			
42	10 of 10		NE/136.7	62.8 / -1.48	979 Richmond Rd Ottawa ON K2B 6R1		EHS
Order No:		21080400	046		Nearest Intersection:		
Status:		С			Municipality:		
Report Type		Standard I	•		Client Prov/State:	ON	
Report Date: Date Receive		09-AUG-2 04-AUG-2			Search Radius (km): X:	.25 -75.7770914	
Previous Sit		0.7.00-2	•		γ. Υ:	45.3762008	
.ot/Building		0.27 Ha					
	fo Ordered	ı .					

Order No: 24062502224

Map Key	Number of	Direction/	Elev/Diff	Site	DB
	Records	Distance (m)	(m)		

57.8 / -6.48 43 1 of 1 NW/138.1 **BORE** ON

Borehole ID: 611028 Inclin FLG: No SP Status: Initial Entry

OGF ID: 215512537

60.3

Status: Surv Elev: **Borehole** Type: Piezometer: No

Use: Primary Name: **DEC-1964** Completion Date: Municipality: Static Water Level: Lot: Primary Water Use: Township:

Sec. Water Use: Latitude DD: 45.376052 Total Depth m: -999 -75.779961 Longitude DD:

Ground Surface UTM Zone: Depth Ref: 18 Depth Elev: Easting: 438931 Drill Method: Northing: 5025022

Orig Ground Elev m: 57.9 Location Accuracy:

Elev Reliabil Note: Accuracy: Not Applicable

Concession: Location D: Survey D: Comments:

DEM Ground Elev m:

Borehole Geology Stratum

Geology Stratum ID: 218387279 Mat Consistency: Dense Top Depth: 4.9 Material Moisture: **Bottom Depth:** Material Texture: Coarse

Material Color: Non Geo Mat Type: Brown Material 1: Bedrock Geologic Formation: Material 2: Geologic Group: Geologic Period: Material 3: Material 4: Depositional Gen:

Gsc Material Description:

BEDROCK. MEDIUM TO COARSE. BROWN, LOOSE. SILT, SAND, TILL. GREY, DENSE TO VERY DENSE. Stratum Description: 0000002300 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Order No: 24062502224

Geology Stratum ID: 218387276 Mat Consistency: Loose

Top Depth: Material Moisture: .3 **Bottom Depth:** 2.3 Material Texture: Material Color: Non Geo Mat Type: Geologic Formation: Material 1: Sand Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

SAND. LOOSE. Stratum Description:

218387277 Geology Stratum ID: Mat Consistency: Loose

Top Depth: 2.3 Material Moisture: Material Texture: **Bottom Depth:** 4.1 Material Color: Non Geo Mat Type: Material 1: Sand Geologic Formation: Geologic Group: Material 2: Silt Material 3: Geologic Period: Depositional Gen: Material 4:

Gsc Material Description:

Stratum Description: SAND, SILT. LOOSE.

218387278 Firm Geology Stratum ID: Mat Consistency:

Material Moisture: Top Depth: 4.1 **Bottom Depth:** 4.9 Material Texture: Material Color: Non Geo Mat Type: Till Material 1: Geologic Formation: Map Key Number of Direction/ Elev/Diff Site DB Records Distance (m) (m)

Material 2:SandGeologic Group:Material 3:Geologic Period:Material 4:Depositional Gen:

Gsc Material Description:

Stratum Description: TILL, SAND. FIRM.

Geology Stratum ID: 218387275 Mat Consistency: Material Moisture: Top Depth: 0 **Bottom Depth:** .3 Material Texture: Material Color: Non Geo Mat Type: Soil Material 1: Geologic Formation: Geologic Group: Material 2:

Material 2: Geologic Group:
Material 3: Geologic Period:
Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SOIL.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence: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:

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

44 1 of 1 E/148.5 68.8 / 4.56 PRIVATE RESIDENCE

192 ANCASTER AVE (N.O.S.)
OTTAWA ON K2B 5B3

Ref No: 189349 **Municipality No:** 20107

Year: Nature of Damage:
Incident Dt: 10/27/2000 Discharger Report:

Dt MOE Arvl on Scn:Material Group:MOE Reported Dt:10/27/2000Impact to Health:Dt Document Closed:Agency Involved:

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:

Site District Office: Nearest Watercourse: Site Name:

Site Region:
Site Municipality:
OTTAWA

Site Lot:
Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Site Address:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m)

OTHER CONTAINER LEAK 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: WATER Incident Reason: **OTHER** PRIVATE RES. OIL TANK SPILL;50L;TO DRAIN;INS. COMPANY TO CLEANUP

Incident Summary: Activity Preceding Spill:

Property 2nd Watershed: Property Tertiary Watershed:

Sector Type:

45

Ref No:

Year.

SAC Action Class:

Call Report Locatn Geodata:

1 of 1

Water course or lake

POSSIBLE

S/149.5

66.9 / 2.61 1224 Byron Avenue ON

1-1U3Q3A Nature of Damage:

Incident Dt: 6/7/2022 12:30:00 PM

Dt MOE Arvl on Scn:

6/7/2022 4:00:48 PM MOE Reported Dt: **Dt Document Closed:** 6/8/2022 7:58:49 AM

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa District Office

Nearest Watercourse:

Site Name: Site Address:

1224 Byron Avenue Site Region:

Site Municipality: Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing:

Easting: Incident Cause: Incident Preceding Spill:

Environment Impact: 1 Minor Impact

Health Env Consequence:

Nature of Impact:

1 litre (L) Contaminant Qty:

System Facility Address:

Client Name: Client Type: Source Type:

Contaminant Code:

Contaminant Name: **DIESEL FUEL**

Contaminant Limit 1: Contam Limit Freq 1: Municipality No:

Discharger Report: Material Group:

Impact to Health: 0 No Impact SPL

Order No: 24062502224

Agency Involved:

erisinfo.com | Environmental Risk Information Services

Elev/Diff Site DΒ Map Key Number of Direction/ Records Distance (m) (m)

Contaminant UN No 1: Receiving Medium: Incident Reason:

Incident Summary: KEV: 1L diesel to soil/cleaned

Activity Preceding Spill:

Central Ottawa Property 2nd Watershed:

Property Tertiary Watershed:

Sector Type:

SAC Action Class:

Call Report Locatn Geodata: "integration_ids":["PR00003905094"],"wkts":["POINT (-75.7786760000 45.3727482000)"],"creation_date":"2022-

06-07"}

46 1 of 1 WSW/152.2 59.9 / -4.35 **BORE** ON

Borehole ID: 611021 Inclin FLG: OGF ID: 215512530

Status: Surv Elev: No **Borehole** Type: Piezometer: No

Use:

SEP-1972 Completion Date:

Static Water Level:

Primary Water Use:

Sec. Water Use: Total Depth m: 9.4

Ground Surface Depth Ref:

Depth Elev: Drill Method:

59.5 Orig Ground Elev m:

Elev Reliabil Note:

62.1

DEM Ground Elev m: Concession:

Location D: Survey D: Comments:

SP Status: Initial Entry

No

Primary Name:

Municipality:

Lot:

Township:

45.374065 Latitude DD: Longitude DD: -75.780955 UTM Zone: 18

Easting: 438851 Northing: 5024802

Location Accuracy:

Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218387256 Mat Consistency: Top Depth: Material Moisture: 7 **Bottom Depth:** 7.9 Material Texture: Non Geo Mat Type: Material Color: Grey Material 1: Bedrock Geologic Formation: Limestone Material 2: Geologic Group: Material 3: Dolomite Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

BEDROCK, LIMESTONE, DOLOMITE. GREY, SOUND. Stratum Description:

218387257 Geology Stratum ID: Mat Consistency: Top Depth: 7.9 Material Moisture: **Bottom Depth:** 9.4 Material Texture: Material Color: Grey Non Geo Mat Type: Material 1: **Bedrock** Geologic Formation: Geologic Group: Material 2: Limestone Material 3: Dolomite Geologic Period: Depositional Gen: Material 4:

Gsc Material Description:

BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND. 0001000700025031000781000023010000185NSE. 00000 Stratum Description:

015 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Order No: 24062502224

Geology Stratum ID: 218387255 Mat Consistency: Dense

2.4 Material Moisture: Top Depth:

Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Bottom Depth: Material Texture: Material Color: Grey Non Geo Mat Type: Geologic Formation: Material 1: Silt Material 2: Sand Geologic Group: Material 3: Till Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SILT, SAND, TILL. GREY, VERY DENSE.

Geology Stratum ID: 218387252 Mat Consistency: Material Moisture: Top Depth: 0 **Bottom Depth:** .3 Material Texture: Material Color: Brown Non Geo Mat Type: Unknown Geologic Formation: Material 1: Material 2: Geologic Group: Soil Material 3: Geologic Period: Depositional Gen: Material 4:

Gsc Material Description:

Stratum Description: UNSPECIFIED, SOIL. BROWN.

Geology Stratum ID: 218387253 Mat Consistency: Loose

Top Depth: .3 Material Moisture: Bottom Depth: 8. Material Texture: Material Color: Brown Non Geo Mat Type: Material 1: Sand Geologic Formation: Silt Geologic Group: Material 2: Material 3: Gravel Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SAND, SILT, GRAVEL. BROWN, LOOSE.

Geology Stratum ID: 218387254 Mat Consistency: Compact

Top Depth: 8. Material Moisture: **Bottom Depth:** 24 Material Texture: Material Color: Brown Non Geo Mat Type: Material 1: Geologic Formation: Silt Material 2: Gravel Geologic Group: Material 3: Sand Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SILT,GRAVEL,SAND. BROWN,COMPACT,VERY DENSE.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence:HHorizontal:NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035290 NTS_Sheet: 31G05C

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Order No: 24062502224

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

Map Key Number of Direction/ Elev/Diff Site DB

Records Distance (m) (m)

47 1 of 1 E/153.6 69.7 / 5.46 Paul and Elena Lungu

Ottawa ON K2W 1E7

ECA

Order No: 24062502224

 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:

https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf

PDF Site Location:

48 1 of 1 WNW/155.1 57.9 / -6.37 lot 25 con 1 WWIS

Well ID: 1503894 Flowing (Y/N):
Construction Date: Flow Rate:

Use 1st: Domestic Prow Rate.

Domestic Data Entry Status:

Use 2nd: 0 Data Src:

Final Well Status: Water Supply

Water Type:

Date Received: 11/24/1948

Selected Flag: TRUE

Casing Material:Abandonment Rec:Audit No:Contractor:4216Tag: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:
Municipality: OTTAWA CITY (NEPEAN)

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503894.pdf

UTM Reliability:

Additional Detail(s) (Map)

 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

Bore Hole Information

Bore Hole ID: 10025937 Elevation: DP2BR: Elevro:

Spatial Status: Zone: 18

 Code OB:
 East83:
 438870.60

 Code OB Desc:
 North83:
 5024962.00

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

Open Hole: Org CS: Cluster Kind: **UTMRC**:

10/26/1948 unknown UTM Date Completed: UTMRC Desc:

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: 930997828

Layer:

Color:

General Color:

Material 1: 15

LIMESTONE Material 1 Desc:

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

Overburden and Bedrock

Materials Interval

930997827 Formation ID:

Layer:

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 15.0 Formation End Depth: Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

961503894 Method Construction ID:

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

10574507 Pipe ID:

Casing No:

Comment: Alt Name:

Construction Record - Casing

Order No: 24062502224

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m)

Casing ID: 930044623

Layer: 2 Material:

Open Hole or Material: **OPEN HOLE**

Depth From:

Depth To: 96.0 Casing Diameter: 5.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044622

Layer: Material: Open Hole or Material: STEEL

Depth From:

Depth To: 15.0 Casing Diameter: 5.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Results of Well Yield Testing

PUMP Pumping Test Method Desc: Pump Test ID: 991503894

Pump Set At: Static Level: 19.0 Final Level After Pumping: 21.0 Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: GPM Rate UOM: Water State After Test Code: 1

Water State After Test: **CLEAR** Pumping Test Method:

Pumping Duration HR: Pumping Duration MIN:

No Flowing:

Water Details

933456913 Water ID:

Layer: 1 Kind Code:

FRESH Kind: Water Found Depth: Water Found Depth UOM: ft

1 of 2 ENE/159.9 65.9 / 1.61 Byron Ave and Ancaster ave Ottawa 49 SPL OTTAWA ON

Ref No: 1-141U3H

Year: Incident Dt:

Dt MOE Arvl on Scn:

MOE Reported Dt: 8/23/2021 12:57:43 PM Dt Document Closed: 11/9/2021 4:03:43 PM

Site No:

Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health:

0 No Impact

Agency Involved:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Ottawa District Office Site District Office:

Nearest Watercourse:

Site Name:

Site Address: Byron Ave and Ancaster ave Ottawa

Site Region:

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:

5 litre (L) Contaminant Qty:

System Facility Address:

Client Name: Client Type: Source Type: Contaminant Code:

DIESEL FUEL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason:

Incident Summary: Spill diesel KEV source Byron and Ancaster location Ottawa

1 Minor Impact

Activity Preceding Spill:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi SOYBEAN FARMING

Sector Type: SAC Action Class:

{"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7760981000 45.3760221000)"],"creation_date":"2021-Call Report Locatn Geodata:

08-23"}

2 of 2 ENE/159.9 65.9 / 1.61 Byron Ave and Ancaster Ave, Ottawa 49 SPL ON

Municipality No:

Material Group:

Impact to Health:

Agency Involved:

Nature of Damage:

Discharger Report:

0 No Impact

Order No: 24062502224

Ref No: 1-1DYY20

Year: 11/9/2021 3:00:00 PM Incident Dt:

Dt MOE Arvl on Scn: MOE Reported Dt: 11/9/2021 3:45:44 PM

Dt Document Closed: 11/10/2021 9:39:59 AM Site No:

MOE Response:

Desktop Response

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa District Office

Nearest Watercourse:

Site Name:

Site Address: Byron Ave and Ancaster Ave, Ottawa

Site Region:

Site Municipality: **OTTAWA**

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

erisinfo.com | Environmental Risk Information Services

Northing: Easting:

Incident Cause:

Incident Preceding Spill:

Environment Impact: 1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 1 litre (L)

System Facility Address:

Client Name: Client Type: Source Type: Contaminant Code:

Contaminant Name: DIESEL FUEL

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason:

Incident Summary: KEV - 1L diesel to gravel, cleaning

Activity Preceding Spill:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

Sector Type: SAC Action Class:

Call Report Locatn Geodata: {"integration_ids":["PR00004309850","PR00003966079"],"wkts":["POINT (-75.7760981000 45.3760221000)","

POINT (-75.7700000000 45.370000000)","POINT (-75.7746215000 45.3776872000)","POINT (-75.7746215000

45.3776872000)"],"creation_date":"2021-11-09"}

50 1 of 1 SE/163.6 69.9 / 5.61 lot 25 con 1 WWIS

Well ID: 1503896 Flowing (Y/N):

Construction Date: Flow Rate:
Use 1st: Domestic Data Entry Status:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

Final Well Status:Water SupplyDate Received:11/24/1948Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:

Audit No: Contractor: 4216
Tag: Form Version: 1

Constructn Method: Form version: 1

Owner:

 Elevation (m):
 County:
 OTTAWA-CARLETON

 Elevatn Reliability:
 Lot:
 025

 Depth to Bedrock:
 Concession:
 01

 Well Depth:
 Concession Name:
 OF

Depth to Bedrock:Concession:01Well Depth:Concession Name:OFOverburden/Bedrock:Easting NAD83:

Pump Rate: Northing NAD83: Static Water Level: Zone:

Clear/Cloudy:
Municipality: OTTAWA CITY (NEPEAN)

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503896.pdf

UTM Reliability:

Order No: 24062502224

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

Y: 45.37337228114873 Path: 150\1503896.pdf

Bore Hole Information

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**: 11/01/1948 UTMRC Desc: Date Completed:

unknown UTM Location Method: Remarks: p9

Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: **Source Revision Comment:** Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 930997831

Layer:

Color:

General Color:

Material 1: 05 CLAY Material 1 Desc: Material 2: 09

MEDIUM SAND Material 2 Desc:

Material 3: 13 Material 3 Desc:

BOULDERS Formation Top Depth: 0.0 Formation End Depth: 19.0 ft

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 930997832

Layer: 2

Color:

General Color:

Material 1:

LIMESTONE Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 19.0 Formation End Depth: 106.0 Formation End Depth UOM:

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961503896

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10574509

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933456915

Layer: 1
Kind Code: 1

Kind: FRESH

Water Found Depth:

Water Found Depth UOM: ft

51 1 of 1 W/165.0 58.9 / -5.39
ON
BORE

 Borehole ID:
 611022
 Inclin FLG:
 No

 OGF ID:
 215512531
 SP Status:
 Initial Entry

 Status:
 Surv Elev:
 No

Type: Borehole Piezometer: No Use: Primary Name:

Completion Date: SEP-1972 Municipality:
Static Water Level: Lot:
Primary Water Use: Township:

 Sec. Water Use:
 Latitude DD:
 45.374243

 Total Depth m:
 4.3
 Longitude DD:
 -75.781213

 Depth Ref:
 Ground Surface
 UTM Zone:
 18

Depth Ref:Ground SurfaceU1M Zone:18Depth Elev:Easting:438831Drill Method:Northing:5024822Orig Ground Elev m:58.1Location Accuracy:

Orig Ground Elev m: 58.1 Location Accuracy: Elev Reliabil Note: Accuracy:

Elev Reliabil Note: Accuracy: Not Applicable

DEM Ground Elev m: 61.5

Concession: Location D: Survey D: Comments:

Borehole Geology Stratum

Geology Stratum ID:218387260Mat Consistency:LooseTop Depth:1.8Material Moisture:Bottom Depth:3Material Texture:FineMaterial Color:GreyNon Geo Mat Type:

Material Color:GreyNon Geo Mat Type:Material 1:SandGeologic Formation:Material 2:SiltGeologic Group:Material 3:GravelGeologic Period:Material 4:Depositional Gen:

Gsc Material Description:

SAND, SILT-FINE, GRAVEL. GREY, LOOSE, VERY LOOSE.

Geology Stratum ID: 218387259 Mat Consistency: Loose Top Depth: .2 Material Moisture: 1.8 Fine **Bottom Depth:** Material Texture: Material Color: Brown Non Geo Mat Type: Material 1: Sand Geologic Formation: Material 2: Silt Geologic Group: Material 3: Gravel Geologic Period:

Gsc Material Description:

Material 4:

SAND, SILT-FINE, GRAVEL. BROWN, LOOSE.

Geology Stratum ID: 218387261 Mat Consistency: Dense

Material Moisture: Top Depth: 3 Bottom Depth: 4.3 Material Texture: Material Color: Grey Non Geo Mat Type: Material 1: Silt Geologic Formation: Material 2: Gravel Geologic Group: Material 3: Geologic Period: Sand Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SILT,GRAVEL,SAND. GREY,VERY DENSE. 000050050006000600100090ND. BEDROCK,LIMESTONE, DOLOMITE. G **Note: Many records provided by the department have a truncated [Stratum Description] field.

Depositional Gen:

Order No: 24062502224

Geology Stratum ID:218387258Mat Consistency:Top Depth:0Material Moisture:Bottom Depth:.2Material Texture:Material Color:BrownNon Geo Mat Type:

Material 1:UnknownGeologic Formation:Material 2:SoilGeologic Group:Material 3:Geologic Period:Material 4:Depositional Gen:

Gsc Material Description:

Stratum Description: UNSPECIFIED, SOIL. BROWN.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence:HHorizontal:NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 035300 NTS_Sheet: 31G05C

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse MercatorScale or Resolution:Varies

Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

52 1 of 1 ENE/171.9 67.3 / 3.00 Intersection of Byron Avenue and Ancaster

Avenue, Ottawa OTTAWA ON SPL

Order No: 24062502224

Ref No:1-CC44HMunicipality No:Year:Nature of Damage:

 Incident Dt:
 4/13/2021 6:21:05 PM
 Discharger Report:

 Dt MOE Arvl on Scn:
 Material Group:

 MOE Reported Dt:
 4/13/2021 6:21:07 PM
 Impact to Health:

MOE Reported Dt: 4/13/2021 6:21:07 PM Impact to Health: 0 No Impact Dt Document Closed: Agency Involved:

Site No:

MOE Response: Desktop Response

Site County/District:

Site Geo Ref Meth:
Site District Office: Ottawa District Office

Nearest Watercourse:

Site Name:

Site Address: Intersection of Byron Avenue and Ancaster Avenue, Ottawa

Site Region:
Site Municipality: OTTAWA

Site Municipality: OTTAWA
Site Lot:

Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause:

Incident Preceding Spill: Unknown / N/A
Environment Impact: Unknown / N/A
1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 1 litre (L)

System Facility Address:

Client Name: Client Type:

Source Type: Unknown / N/A

Map Key Number of Direction/ Elev/Diff Site DB

(m)

Records Distance (m)

Contaminant Code:
Contaminant Name: DIESEL FUEL

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason: Equipment failure/malfunction

Incident Summary: KEV: 1L of diesel from generator, cleaned

Activity Preceding Spill: Maintenance Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

Sector Type: SAC Action Class:

Call Report Locatn Geodata: {"integration_ids":["PR00004309850"],"wkts":["POINT (-75.7760981000 45.3760221000)"],"creation_date":"2021-

04-13"}

53 1 of 1 ESE/172.5 69.9 / 5.61 WW/S

 Well ID:
 1507778
 Flowing (Y/N):

Construction Date: Flow Rate:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

Final Well Status:Water SupplyDate Received:03/18/1952Water Type:Selected Flag:TRUE

Casing Material:
Abandonment Rec:
Contractor: 3601

Tag: Form Version: 1
Constructn Method: Owner:

Elevation (m):County:OTTAWA-CARLETONElevatn Reliabilty:Lot:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

Zone:

Clear/Cloudy: UTM Reliability:

Municipality: OTTAWA CITY

Site Info:

PDF URL (Map): 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

Bore Hole ID: 10029813 Elevation:

DP2BR: Elevrc: Spatial Status: 7one:

 Spatial Status:
 Zone:
 18

 Code OB:
 East83:
 439240.70

 Code OB Desc:
 North83:
 5024782.00

Order No: 24062502224

 Open Hole:
 Org CS:

 Cluster Kind:
 UTMRC:
 9

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m)

p9

Order No: 24062502224

03/06/1952 UTMRC Desc: unknown UTM Date Completed:

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:

Overburden and Bedrock

Materials Interval

Formation ID: 931008005

Layer:

Color:

General Color:

17 Material 1: Material 1 Desc: SHALE

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

4.0 Formation Top Depth: Formation End Depth: 100.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

931008004 Formation ID:

Layer:

Color:

General Color:

Material 1: 17 SHALE Material 1 Desc: 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:

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961507778

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10578383

Casing No:

Comment: Alt Name:

Construction Record - Casing

930052292 Casing ID:

2 Layer: Material:

OPEN HOLE Open Hole or Material:

Depth From:

Depth To: 100.0 4.0 Casing Diameter: Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Casing

930052291 Casing ID:

Layer: Material: Open Hole or Material: STEEL

Depth From:

Depth To: 20.0 Casing Diameter: 4.0 Casing Diameter UOM: inch Casing Depth UOM:

Results of Well Yield Testing

PUMP Pumping Test Method Desc: 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:

ft Levels UOM: **GPM** Rate UOM: Water State After Test Code: **CLEAR** Water State After Test: Pumping Test Method: 1 **Pumping Duration HR:** 0 Pumping Duration MIN: 20

Water Details

Flowing:

Water ID: 933462023 Layer: 1 Kind Code: Kind: **FRESH** Water Found Depth: 80.0 Water Found Depth UOM: ft

54 1 of 1 SW/173.5 61.7 / -2.55 1083 Ambleside Drive **EHS** Ottawa ON K2B 8C8

Nearest Intersection:

ON

.25

Client Prov/State:

Search Radius (km):

Municipality:

21052000329 Order No: Status:

Report Type: **Custom Report** 23-JUN-21 Report Date:

Date Received: 20-MAY-21 X: -75.7806759 Previous Site Name: 45.3731715

Lot/Building Size:

Additional Info Ordered: Title Searches; Topographic Maps; City Directory

No

1 of 3 SSW/177.1 65.9 / 1.66 Byron and Richardson Avenue Ottawa **55** SPL OTTAWA ON

Municipality No:

Material Group:

Impact to Health:

Agency Involved:

Nature of Damage:

Discharger Report:

0 No Impact

Ref No: 1-12HEK6

Year: Incident Dt:

Dt MOE Arvl on Scn:

MOE Reported Dt: 8/6/2021 1:33:25 PM Dt Document Closed: 11/10/2021 10:13:01 AM

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa District Office

Nearest Watercourse:

Site Name:

Site Address: Byron and Richardson Avenue Ottawa

0 No Impact

Site Region:

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: 2 litre (L)

System Facility Address: Client Name:

Client Type: Source Type: Contaminant Code:

Contaminant Name: OIL AND GREASE

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason:

Incident Summary: Diesel spill, 2L - KEV

Activity Preceding Spill:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi OIL AND GAS CONTRACT DRILLING Sector Type:

SAC Action Class:

Call Report Locatn Geodata: "integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2021-

08-06"}

2 of 3 SSW/177.1 65.9 / 1.66 Richardson Avenue & Byron Avenue Ottawa, ON **55** OTTAWA ON

Ref No: 1-2725Z2

Year: Incident Dt:

10/4/2022 9:44:07 AM

Dt MOE Arvl on Scn:

MOE Reported Dt: 10/4/2022 9:44:07 AM Dt Document Closed: 11/3/2022 10:52:25 AM

Site No: MOE Response:

Desktop Response

Site County/District:

Nature of Damage: Discharger Report: Material Group:

Municipality No:

Impact to Health: 0 No Impact

Agency Involved:

erisinfo.com | Environmental Risk Information Services

108

Order No: 24062502224

SPL

Site Geo Ref Meth:

Site District Office: Ottawa District Office
Nearest Watercourse:

Site Name:

Site Address:

Richardson Avenue & Byron Avenue Ottawa, ON

Site Region:

Site Municipality:

OTTAWA

Site Lot: Site Conc: Site Geo R

Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause:

Incident Preceding Spill:

Environment Impact:

1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 2 litre (L)

System Facility Address:

Client Name: Client Type: Source Type: Contaminant Code:

Contaminant Name: HYDRAULIC OIL

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land

Incident Reason:

Incident Summary: Kiewit Eurovia Vinci: 2L Hydraulic oil to ground; Oct 1 - clnd

Activity Preceding Spill:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

Sector Type: SAC Action Class:

Call Report Locatn Geodata: {"integration_ids":["PR00004307943"],"wkts":["POINT (-75.7793907000 45.3725343000)"],"creation_date":"2022-

10-04"}

55 3 of 3 SSW/177.1 65.9 / 1.66 Byron Ave and Richardson Ave, Ottawa OTTAWA ON

Municipality No: Nature of Damage:

Material Group:

Impact to Health:

Agency Involved:

Order No: 24062502224

Discharger Report:

Ref No: 1-4TG7G5

Year: Incident Dt: Mar 06

Incident Dt: Mar 06,2024 08:30:41 AM Dt MOE Arvl on Scn:

 MOE Reported Dt:
 Mar 06,2024 10:22:41 AM

 Dt Document Closed:
 Mar 07,2024 08:26:45 AM

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth: Site District Office:

Ottawa District Office

Nearest Watercourse:

Site Name:

Site Address: Byron Ave and Richardson Ave, Ottawa

Site Region: Site Municipality:

OTTAWA

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: Easting:

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

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

Order No: 24062502224

Health Env Consequence: Nature of Impact:

Direction/ Elev/Diff Site DΒ Map Key Number of (m)

Records Distance (m)

0 other - see notes

System Facility Address:

Client Name: Client Type:

Contaminant Qty:

Source Type: Pipeline/Components

Contaminant Code:

Contaminant Name: NATURAL GAS

Contaminant Limit 1: Contam Limit Freg 1: Contaminant UN No 1:

Receiving Medium: Air

Incident Reason: Human error (Specify)

FSB: Ottawa/Enbridge/1/2" plastic service line damage/valid locates/safe Incident Summary:

Activity Preceding Spill:

Property 2nd Watershed: 02K | Central Ottawa River

02KF | Mississippi River - Central Ottawa River Property Tertiary Watershed: NATURAL GAS DISTRIBUTION

Sector Type: SAC Action Class:

{"integration_ids":["PR00003863053"],"wkts":["POINT (-75.7756109000 45.3757200000)"],"creation_date":"2023-Call Report Locatn Geodata:

58 1 of 1 NE/183.4 62.9 / -1.39 Kiewit Eurovia Vinci SPL

Nepean Concession 1 ON Ottawa River, Lot 25

Ottawa ON

Ref No: 7545-BZ9QYZ Municipality No: Year. Nature of Damage: Incident Dt: 2021/03/19 Discharger Report: Dt MOE Arvl on Scn: Material Group:

MOE Reported Dt: 2021/03/19

Impact to Health: 2 - Minor Environment Agency Involved:

Dt Document Closed: 2021/03/23 Site No: NA MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: 0.5 L hydraulic oil from hydraulic hammer attachment to ground<UNOFFICIAL>

Site Address: Nepean Concession 1 ON Ottawa River, Lot 25

Site Region: Eastern Site Municipality: Ottawa

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: 5025088 Easting: 439167

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 Eurovia Vinci Client Type: Corporation

Valve/Fitting/Piping Source Type:

Contaminant Code:

Contaminant Name: HYDRAULIC OIL

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a Receiving Medium: Land

Incident Reason: Operator/Human Error

Direction/ Elev/Diff Site DΒ Map Key Number of

Records Distance (m) (m)

KEV: 0.5 L hydraulic oil from hammer attachment to grnd. Incident Summary:

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Miscellaneous Industrial Land Spills

SAC Action Class: Call Report Locatn Geodata:

59 1 of 1 ENE/187.4 68.6 / 4.37

ON

WWIS

Order No: 24062502224

Well ID: 1508046 Flowing (Y/N):

Construction Date: Flow Rate: Use 1st: Domestic Data Entry Status:

Use 2nd: Data Src:

Final Well Status: Water Supply Date Received: 03/01/1954 TRUE Selected Flag: Water Type:

Casing Material: Abandonment Rec: Audit No: Contractor: 4833

Form Version: Tag: 1 Constructn Method: Owner:

OTTAWA-CARLETON Elevation (m): County:

Elevatn Reliabilty: Lot: Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Northing NAD83: Pump Rate:

Static Water Level: Zone: Clear/Cloudy: UTM Reliability:

OTTAWA CITY Municipality:

Site Info:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508046.pdf PDF URL (Map):

Additional Detail(s) (Map)

07/01/1953 Well Completed Date: Year Completed: 1953 Depth (m): 30.48

45.375809367037 Latitude: Longitude: -75.7756141083484 -75.77561394640746 X: Y: 45.37580936011971 Path: 150\1508046.pdf

Bore Hole Information

Bore Hole ID: 10030081 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 439270.70 Code OB: East83: Code OB Desc: North83: 5024992.00

Open Hole: Org CS:

Cluster Kind: **UTMRC**: 07/01/1953 UTMRC Desc: Date Completed: unknown UTM

Remarks: Location Method: p9

Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 931008667

Layer: 2

Color: General Color:

General Color:

Material 1:

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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508046

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10578651

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930052818 Layer: Material: Open Hole or Material: **STEEL** Depth From: Depth To: 20.0 Casing Diameter: 5.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Results of Well Yield Testing

PUMP Pumping Test Method Desc: 991508046 Pump Test ID:

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: Rate UOM: **GPM** Water State After Test Code: **CLEAR** Water State After Test: Pumping Test Method: Pumping Duration HR: 0 20 **Pumping Duration MIN:** No Flowing:

Water Details

Water ID: 933462393

Layer: Kind Code:

FRESH Kind: Water Found Depth: 90.0 Water Found Depth UOM: ft

1 of 1 ENE/187.5 68.6 / 4.37 **60 BORE** ON

611027 Inclin FLG: Borehole ID:

OGF ID: 215512536 Status:

Type:

Borehole

Use:

Completion Date: JUL-1953

Static Water Level: Primary Water Use: Sec. Water Use:

Total Depth m: 30.5

Depth Ref: **Ground Surface**

Depth Elev: Drill Method:

Orig Ground Elev m: 68.6

Elev Reliabil Note:

69.4 DEM Ground Elev m:

Concession:

No

SP Status: Initial Entry Surv Elev: No Piezometer: No

Primary Name: Municipality:

Lot: Township:

Northing:

Latitude DD: 45.375811 Longitude DD: -75.775615 UTM Zone: 18 439271 Easting:

Location Accuracy:

Accuracy: Not Applicable

5024992

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Location D:

Survey D: Comments:

Borehole Geology Stratum

218387274 Geology Stratum ID: Mat Consistency: Compact

Top Depth: 1.2 Material Moisture: Bottom Depth: 30.5 Material Texture: Coarse

Material Color: Brown Non Geo Mat Type: Limestone Geologic Formation: Material 1: Material 2: Geologic Group: Material 3: Geologic Period: Material 4 Depositional Gen:

Gsc Material Description:

LIMESTONE. ACT. TILL. COMPACT. SAND, SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN, LOOSE. S Stratum Description:

**Note: Many records provided by the department have a truncated [Stratum Description] field.

fill

SPL

Order No: 24062502224

218387273 Geology Stratum ID: Mat Consistency: Top Depth: 0 Material Moisture: 1.2 Material Texture: Bottom Depth: Material Color: Non Geo Mat Type: Material 1: Fill Geologic Formation:

Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

FILL. Stratum Description:

Source

Data Survey Spatial/Tabular Source Type: Source Appl:

Source Orig: Geological Survey of Canada Source Iden: 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: Horizontal Datum: NAD27

Data Survey Mean Average Sea Level Source Type: Vertical Datum: Source Date: 1956-1972 Universal Transverse Mercator Projection Name:

Varies Scale or Resolution:

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

Kiewit Eurovia Vinci Ottawa Partnership SSW/190.0 61 1 of 2 64.6 / 0.38

1068 Richmond Road

Ottawa ON

Ref No: 7118-BZKPR8 Municipality No: Year: Nature of Damage: Incident Dt: 3/29/2021 Discharger Report: Material Group:

Dt MOE Arvl on Scn: 3/29/2021

MOE Reported Dt: 2 - Minor Environment Impact to Health: Dt Document Closed: 4/19/2021 Agency Involved:

Site No: NA No MOE Response: Site County/District:

Number of Elev/Diff Site DΒ Map Key Direction/ Records Distance (m) (m)

Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Byron Linear Park < UNOFFICIAL> Site Name:

Site Address: 1068 Richmond Road

Eastern Site Region: Site Municipality: Ottawa

Site Lot: Site Conc: Site Geo Ref Accu:

Site Map Datum: Northing: 5025439 Easting: 439528

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence:

Nature of Impact:

3 L Contaminant Qty:

System Facility Address:

Kiewit Eurovia Vinci Ottawa Partnership Client Name:

Client Type: Corporation

Valve/Fitting/Piping Source Type:

Contaminant Code:

HYDRAULIC OIL Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a Receiving Medium: Land

Incident Reason: **Equipment Failure**

Incident Summary: KEV: 3L hydraulic oil to grnd, cnted, clning

Activity Preceding Spill: Property 2nd Watershed:

Property Tertiary Watershed: Sector Type:

Miscellaneous Communal SAC Action Class:

Call Report Locatn Geodata:

2 of 2 SSW/190.0 64.6 / 0.38 1068 Richmond Rd, Ottawa, ON 61 SPL OTTAWA ON

> Municipality No: Nature of Damage:

Material Group:

Impact to Health:

Agency Involved:

Discharger Report:

0 No Impact

Order No: 24062502224

Ref No: 1-C44W4

Year: Incident Dt: 4/7/2021 2:15:01 PM

Dt MOE Arvl on Scn:

MOE Reported Dt: 4/7/2021 3:13:14 PM Dt Document Closed: 8/6/2021 1:11:25 PM

Site No:

MOE Response: Desktop Response

Site County/District: Site Geo Ref Meth:

Ottawa District Office Site District Office:

Nearest Watercourse: Site Name:

1068 Richmond Rd, Ottawa, ON Site Address:

Site Region: Site Municipality:

OTTAWA

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum:

Northing: Easting: Incident Cause:

erisinfo.com | Environmental Risk Information Services

Incident Preceding Spill:

Environment Impact: 1 Minor Impact

Health Env Consequence:

Nature of Impact:

Contaminant Qty: 30 litre (L)

System Facility Address:

Client Name: Client Type: Source Type: Contaminant Code:

Contaminant Code:
Contaminant Name: HYDRAULIC OIL

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Receiving Medium: Land; Surface Water

Incident Reason:

Incident Summary: KEV: Spill of 30L hydraulic oil to grnd, water

Activity Preceding Spill:

Property 2nd Watershed: Central Ottawa

Property Tertiary Watershed: 02KF-Central Ottawa - Mississippi

Sector Type: HIGHWAY, STREET AND BRIDGE CONSTRUCTION

SAC Action Class:

Call Report Locatn Geodata: {"integration_ids":["PR00004320938"],"wkts":["POINT (-75.7609026000 45.3880903000)"],"creation_date":"2021-

04-07"}

62 1 of 1 NNE/190.7 59.9 / -4.39 ON

Well ID: 1508854 *Flowing (Y/N):*

Construction Date: Flow Rate:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

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:
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\1508854.pdf

Order No: 24062502224

Additional Detail(s) (Map)

 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

Bore Hole Information

10030888 Bore Hole ID: Elevation:

DP2BR: Elevrc: Spatial Status: Zone:

18 439100.70 Code OB: East83: Code OB Desc: North83: 5025132.00

Org CS: Open Hole:

Cluster Kind: **UTMRC**: 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:

Overburden and Bedrock

Materials Interval

Formation ID: 931010777

Layer:

Color:

General Color:

Material 1: 26 **ROCK** Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 10.0 60.0 Formation End Depth: Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 931010776

Layer: Color:

General Color:

09 Material 1:

Material 1 Desc: MEDIUM SAND

Material 2: 12 Material 2 Desc: **STONES**

Material 3:

Material 3 Desc:

0.0 Formation Top Depth: Formation End Depth: 10.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508854 **Method Construction Code:**

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579458

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pumping Test Method Desc:PUMPPump 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

Water Details

 Water ID:
 933463550

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

Water Found Depth:

Water Found Depth UOM: ft

1 of 1 E/191.3 69.9 / 5.61 lot 25 con 1 ON

WWIS

Order No: 24062502224

63

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

1503898 Well ID: Flowing (Y/N):

Construction Date: Flow Rate: Use 1st: Domestic Data Entry Status:

Use 2nd: Data Src:

Final Well Status: Water Supply Date Received: 11/23/1951 TRUE Water Type: Selected Flag: Casing Material: Abandonment Rec:

Audit No: Contractor: 4832 Form Version: Tag:

Constructn Method: Owner: OTTAWA-CARLETON Elevation (m): County:

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:

OTTAWA CITY (NEPEAN) Municipality: Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503898.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/15/1949 Year Completed: 1949 Depth (m): 21.9456

Latitude: 45.3750019223833 Longitude: -75.7752199251988 -75.77521976316507 X: Y: 45.37500191544343 Path: 150\1503898.pdf

Bore Hole Information

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**:

05/15/1949 Date Completed: UTMRC Desc: unknown UTM p9

Order No: 24062502224

Remarks: Location Method: Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

930997837 Formation ID:

Layer:

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: 72.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930997836

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: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930997835

Layer:

Color:

General Color:

Material 1: 02 Material 1 Desc: TOPSOIL

Material 7 Desc.
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:

Formation Top Depth: 0.0 Formation End Depth: 1.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:961503898Method Construction Code:1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574511

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930044630

Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 8.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044631

Layer: 2

Material:

Open Hole or Material:

Depth From:

Depth To:10.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

Casing ID: 930044632

Layer: 3 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:72.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc:

Pump Test ID: 991503898

Pump Set At:

Static Level: 12.0

Final Level After Pumping: Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft GPM

Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing: No

Water Details

 Water ID:
 933456919

 Layer:
 3

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 70.0

 Water Found Depth UOM:
 ft

Water Details

Water ID: 933456918

Map Key Number of Direction/ Elev/Diff Site DΒ

2 Layer: Kind Code: **FRESH** Kind: Water Found Depth: 54.0 Water Found Depth UOM: ft

Records

Water Details

Water ID: 933456917

Layer: Kind Code: **FRESH** Kind: Water Found Depth: 40.0 Water Found Depth UOM: ft

1 of 1 WNW/192.4 57.7 / -6.54 64 **WWIS** ON

Flowing (Y/N):

Order No: 24062502224

1508934 Well ID:

Construction Date: Flow Rate: Domestic Data Entry Status: Use 1st:

Distance (m)

(m)

Use 2nd: Data Src:

Water Supply 06/09/1954 Final Well Status: Date Received: TRUE Water Type: Selected Flag: Casing Material: Abandonment Rec:

Audit No: Contractor: 3566 Tag: Form Version: 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

Additional Detail(s) (Map)

01/30/1954 Well Completed Date: Year Completed: 1954 Depth (m): 22.86

Latitude: 45.3753197270863 -75.7814197519533 Longitude: -75.78141959001869 X: 45.37531972038001 150\1508934.pdf Path:

Bore Hole Information

Bore Hole ID: 10030968 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 Code OB: East83: 438815.60 Code OB Desc: 5024942.00 North83:

Open Hole: Org CS:

Cluster Kind: UTMRC:

Date Completed: 01/30/1954 **UTMRC Desc:** unknown UTM

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m)

Location Method: Remarks: p9

Location Method Desc: Location Source Date:

Elevrc Desc:

Original Pre1985 UTM Rel Code 9: unknown UTM

Improvement Location Source: Improvement Location Method: **Source Revision Comment:** Supplier Comment:

Overburden and Bedrock Materials Interval

931010996 Formation ID:

Layer:

Color:

General Color:

Material 1: 15

LIMESTONE Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

13.0 Formation Top Depth: 75.0 Formation End Depth: Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 931010995

Layer: 2

Color:

General Color:

Material 1: 05 Material 1 Desc: CLAY Material 2: 13

Material 2 Desc: **BOULDERS**

Material 3:

Material 3 Desc:

Formation Top Depth: 5.0 Formation End Depth: 13.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931010994

Layer:

Color:

General Color:

Material 1:

Material 1 Desc: **MEDIUM SAND**

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

0.0 Formation Top Depth: Formation End Depth: 5.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508934

Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579538

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930054566

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

Construction Record - Casing

Casing ID: 930054567

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 75.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP

Pump Test ID: 991508934

Pump Set At:

Static Level: 11.0 Final Level After Pumping: 13.0

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

Water State After Test: CLE
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463647

Layer: 1
Kind Code: 1

Map Key Number of Direction/ Elev/Diff Site DB

Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

Records

Distance (m)

(m)

Water Details

 Water ID:
 933463648

 Layer:
 2

 Kind Code:
 1

 Kind:
 FRESH

Water Found Depth: 75.0
Water Found Depth UOM: ft

65 1 of 1 SSW/198.8 64.6 / 0.38 ON

Borehole ID: 611010 **OGF ID:** 215512519

Status: 2199126

Type: Borehole Use:

Completion Date: Static Water Level: Primary Water Use: Sec. Water Use:

Total Depth m: -999

Depth Ref: Ground Surface

Depth Elev: Drill Method:

Orig Ground Elev m: 65.5

Elev Reliabil Note:

DEM Ground Elev m: 66.8

Concession: Location D: Survey D: Comments: Inclin FLG: No

SP Status: Initial Entry
Surv Elev: No
Piezometer: No

Primary Name: Municipality:

Lot: Township:

 Latitude DD:
 45.372451

 Longitude DD:
 -75.779911

 UTM Zone:
 18

 Easting:
 438931

 Northing:
 5024622

Location Accuracy:

Mat Consistency: Material Moisture:

Material Texture:

Geologic Group:

Geologic Period:

Depositional Gen:

Mat Consistency:

Material Moisture:

Material Texture:

Geologic Group:

Geologic Period:

Depositional Gen:

Order No: 24062502224

Non Geo Mat Type:

Geologic Formation:

Non Geo Mat Type:

Geologic Formation:

Accuracy: Not Applicable

Borehole Geology Stratum

 Geology Stratum ID:
 218387214

 Top Depth:
 7.6

 Bottom Depth:
 10.7

Material Color:

Material 1: Sand Material 2:

Material 3: Material 4:

Gsc Material Description:

Stratum Description: SAND.

 Geology Stratum ID:
 218387215

 Top Depth:
 10.7

 Bottom Depth:
 12.2

Material Color:

Material 1: Gravel

Material 2: Material 3: Material 4:

Gsc Material Description:

Stratum Description: GRAVEL.

Geology Stratum ID:218387213Mat Consistency:Top Depth:0Material Moisture:

Elev/Diff Site DΒ Map Key Number of Direction/ Records Distance (m) (m)

Bottom Depth: 7.6 Material Texture: Material Color: Non Geo Mat Type: Grey Geologic Formation: Material 1: Clay Material 2: Geologic Group: Material 3: Geologic Period:

Gsc Material Description:

Material 4:

CLAY. GREY. Stratum Description:

Geology Stratum ID: 218387217 Mat Consistency: Dense

Material Moisture: 18.3 Top Depth: **Bottom Depth:** Material Texture: Material Color: Red Non Geo Mat Type: Material 1: Bedrock Geologic Formation: Material 2: Limestone Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

BEDROCK, LIMESTONE, 35RED, VERY DENSE, BEDROCK, DOLOMITE, BEDROCK, DOLOMITE, 00010 030 0 Stratum Description:

**Note: Many records provided by the department have a truncated [Stratum Description] field.

Depositional Gen:

Geology Stratum ID: 218387216 Mat Consistency: 12.2 Material Moisture: Top Depth: Bottom Depth: 18.3 Material Texture: Material Color: Blue Non Geo Mat Type: Material 1: Bedrock Geologic Formation: Material 2: Shale Geologic Group: Geologic Period: Material 3: Material 4: Depositional Gen:

Gsc Material Description:

BEDROCK, SHALE. BLUE. Stratum Description:

<u>Source</u>

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig: Geological Survey of Canada Source Iden: Source Date: 1956-1972 Scale or Res: Varies NAD27 Confidence: Н Horizontal:

Observatio: Mean Average Sea Level Verticalda:

Source Name: Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 035180 NTS_Sheet: 31G05C Source Details:

Logged by professional. Exact and complete description of material and properties. Confiden 1:

Source List

NAD27 Source Identifier: Horizontal Datum:

Data Survey Mean Average Sea Level Source Type: Vertical Datum: 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

1 of 1 SSE/201.7 69.9 / 5.64 243 New Orchard Avenue 66 **EHS**

Order No: 24062502224

Ottawa ON K2B

21052000322 Nearest Intersection: Status: Municipality: **Custom Report** ON Report Type: Client Prov/State: Report Date: 23-JUN-21 Search Radius (km): .25 Date Received: 20-MAY-21 X: -75.777869

Previous Site Name: Y: 45.3724004

Lot/Building Size:

Additional Info Ordered: Title Searches; Topographic Maps

Number of Direction/ Elev/Diff Site DΒ Map Key (m)

Records Distance (m)

1 of 1 W/208.8 57.9 / -6.39 67 **BORE** ON

45.375139

Order No: 24062502224

Borehole ID: 611025 Inclin FLG: Nο

OGF ID: 215512534 SP Status: Initial Entry Nο Status: Surv Elev:

Type: Borehole Piezometer: No Use: Primary Name:

Completion Date: **DEC-1963** Municipality: Static Water Level: Lot:

Primary Water Use: Township: Sec. Water Use: Latitude DD:

-999 Total Depth m: Longitude DD: -75.781736 Depth Ref: **Ground Surface** UTM Zone: 18

Depth Elev: Easting: 438791 Drill Method: Northing: 5024922 Orig Ground Elev m: Location Accuracy: 56.9

Elev Reliabil Note: Accuracy: Not Applicable **DEM Ground Elev m:** 60.1

Concession: Location D: Survey D: Comments:

Material 4:

Borehole Geology Stratum

Geology Stratum ID: 218387270 Mat Consistency: Compact

Top Depth: 5.1 Material Moisture:

Bottom Depth: Material Texture: Coarse

Material Color: Non Geo Mat Type: Brown Material 1: Till Geologic Formation: Material 2: **Boulders** Geologic Group: Material 3: Geologic Period:

Gsc Material Description:

TILL. COMPACT. SAND, SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN, LOOSE. SILT, SAND, TILL. Stratum Description:

Depositional Gen:

GREY,D **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218387268 Mat Consistency:

Top Depth: Material Moisture: **Bottom Depth:** Material Texture: 1.5 Material Color: Non Geo Mat Type: Fill Material 1: Geologic Formation: Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: fill

Gsc Material Description:

FILL. Stratum Description:

Geology Stratum ID: 218387269 Mat Consistency: Compact Material Moisture: Top Depth: 1.5

Bottom Depth: 5.1 Material Texture: Material Color: Non Geo Mat Type: Material 1: Sand Geologic Formation:

Material 2: Silt Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: SAND, SILT. COMPACT.

<u>Source</u>

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence:Horizontal:NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name:Urban Geology Automated Information System (UGAIS)Source Details:File: OTTAWA1.txt RecordID: 035330 NTS_Sheet: 31G05F

Confiden 1:

Source List

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

68 1 of 1 NNE/210.0 60.0 / -4.31 WWIS

Well ID: 1508855 Flowing (Y/N):

Construction Date: Flow Rate:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

Final Well Status: Water Supply Date Received: 08/27/1953

Water Type:Selected Flag:TRUECasing Material:Abandonment Rec:Audit No:Contractor:3725

Audit No: Contractor: 3/25
Tag: Form Version: 1
Constructs Method:

Constructin Method: Owner:

Elevation (m): County: OTTAWA-CARLETON
Elevatn Reliability: Lot:

Depth to Bedrock:

Well Depth:

Concession:

Concession Name:

Overburden/Bedrock:

Pump Rate:

Northing NAD83:

Total Name:

Total Nam

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\1508855.pdf

Order No: 24062502224

Additional Detail(s) (Map)

 Well Completed Date:
 08/01/1953

 Year Completed:
 1953

 Depth (m):
 19.812

 Latitude:
 45.3772346836483

 Longitude:
 -75.7778048334774

 X:
 -75.77780467153548

 Y:
 45.377234677284896

 Path:
 150\1508855.pdf

Bore Hole Information

Bore Hole ID: 10030889 Elevation:
DP2BR: Elevro:

Spatial Status: Zone: 18

Code OB: East83: 439100.70

Code OB Desc: North83: 5025152.00

Open Hole: Org CS: Cluster Kind:

UTMRC: 08/01/1953 UTMRC Desc: Date Completed: unknown UTM

Remarks: Location Method:

Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 931010778

Layer:

Color: General Color:

Material 1: 09

Material 1 Desc: **MEDIUM SAND**

Material 2: **STONES** Material 2 Desc:

Material 3:

Material 3 Desc:

0.0 Formation Top Depth: Formation End Depth: 20.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

931010779 Formation ID:

Laver:

Color:

General Color:

Material 1: 26 Material 1 Desc: **ROCK**

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

20.0 Formation Top Depth: Formation End Depth: 65.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508855

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579459

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930054409

 Layer:
 1

 Material:
 1

 Open Hole or Material:
 STEEL

 Depth From:
 30.0

 Casing Diameter:
 4.0

 Casing Diameter UOM:
 inch

Results of Well Yield Testing

Casing Depth UOM:

Pumping Test Method Desc: PUMP Pump Test ID: 991508855

ft

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

Water Details

Water ID: 933463551

Layer: 1
Kind Code: 1

Kind: FRESH

Water Found Depth:

Water Found Depth UOM: ft

69 1 of 1 S/211.0 67.9 / 3.64
ON
BORE

Borehole ID: 611007 Inclin FLG: No

OGF ID:215512516SP Status:Initial EntryStatus:Surv Elev:No

Use: Primary Name: Completion Date: Municipality:

Static Water Level: Primary Water Use:

Primary Water Use: Sec. Water Use:

Total Depth m: -999
Depth Ref: Ground Surface

Depth Ref: Depth Elev:

Drill Method:
Orig Ground Elev m: 66.4
Elev Reliabil Note:

DEM Ground Elev m: 68.2

Concession: Location D: Survey D: Comments: Lot:

Township:

 Latitude DD:
 45.372189

 Longitude DD:
 -75.778758

 UTM Zone:
 18

 Easting:
 439021

 Northing:
 5024592

Location Accuracy:

Mat Consistency: Material Moisture:

Material Texture:

Geologic Group:

Geologic Period:

Depositional Gen:

Mat Consistency: Material Moisture:

Material Texture:

Geologic Group:

Geologic Period:

Depositional Gen:

Non Geo Mat Type:

Geologic Formation:

Non Geo Mat Type:

Geologic Formation:

Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218387202
Top Depth: 0
Bottom Depth: 4.6
Material Color: Grey
Material 1: Clay
Material 2:
Material 3:

Material 4:
Gsc Material Description:

Stratum Description: CLAY. GREY.

Geology Stratum ID: 218387203
Top Depth: 4.6
Bottom Depth: 13.7
Material Color:
Material 1: Sand
Material 2:
Material 3:

Gsc Material Description:

Stratum Description: SAND.

13.7

Geology Stratum ID: 218387204

Bottom Depth:
Material Color:
Material 1:
Material 2:
Grey
Bedrock
Limestone

Material 3: Material 4:

Material 4:

Top Depth:

Mat Consistency: Dense

Order No: 24062502224

Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Gsc Material Description:

Stratum Description: BEDROCK,LIMESTONE. GREY. . NE. 0000001200060035RED,VERY DENSE. BEDROCK,DOLOMITE. BE

**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey Source Appl: Spatial/Tabular

Source Orig:Geological Survey of CanadaSource Iden:1Source Date:1956-1972Scale or Res:VariesConfidence:HHorizontal:NAD27

Observatio: Verticalda: Mean Average Sea Level

Source Name:Urban Geology Automated Information System (UGAIS)Source Details:File: OTTAWA1.txt RecordID: 035150 NTS_Sheet: 31G05C

Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Map Key Number of Direction/ Elev/Diff Site DB

Records Distance (m) (m)

Source Identifier: 1 Horizontal Datum: NAD27

Source Type:Data SurveyVertical Datum:Mean Average Sea LevelSource Date:1956-1972Projection Name:Universal Transverse Mercator

Scale or Resolution: Varies

Source Name: Urban Geology Automated Information System (UGAIS)

Source Originators: Geological Survey of Canada

70 1 of 1 WNW/211.6 52.9 / -11.39

ON

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

Water Type: Selected Flag:
Casing Material: Abandonment Rec:

Audit No:Contractor:4832Tag:Form Version:1Constructn 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:

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

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 Elevation: DP2BR: Elevrc:

DP2BR: Elevrc:
Spatial Status: Zone: 18

 Code OB:
 East83:
 438855.60

 Code OB Desc:
 North83:
 5025042.00

Open Hole: Org CS:

Cluster Kind: UTMRC: 9

Date Completed:06/07/1951UTMRC Desc:unknown UTMRemarks:Location Method:p9

Order No: 24062502224

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:

Overburden and Bedrock

Materials Interval

Formation ID: 931010992

Layer:

Color:

General Color: Material 1:

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961508933Method Construction Code:1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579537

Casing No: Comment: Alt Name:

Construction Record - Casing

Casing ID: 930054564

Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:

Depth To: 15.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054565

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:75.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP Pump Test ID: 991508933

Pump Set At:

Static Level: 8.0
Final Level After Pumping: 9.0
Recommended Pump Depth:
Pumping Rate: 7.0
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: 10
Flowing: No

Water Details

Water ID: 933463645

 Layer:
 3

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 68.0

 Water Found Depth UOM:
 ft

Water Details

Water ID: 933463646 **Layer:** 4

Kind Code:

FRESH Kind: Water Found Depth: 71.0 Water Found Depth UOM: ft

Water Details

933463644 Water ID:

Layer: 2 Kind Code: **FRESH** Kind: Water Found Depth: 42.0 Water Found Depth UOM: ft

Water Details

933463643 Water ID:

Layer: Kind Code:

Kind: **FRESH** Water Found Depth: 35.0 Water Found Depth UOM: ft

71 1 of 1 SSW/222.2 66.8 / 2.56 **WWIS** ON

Well ID: 1508258 **Construction Date:**

Use 1st: **Domestic**

Use 2nd: Water Supply

Final Well Status: Water Type:

Casing Material: Audit No:

Tag: Constructn Method:

Elevation (m):

Elevatn Reliabilty: Depth to Bedrock: Well Depth:

Overburden/Bedrock: Pump Rate: Static Water Level:

Clear/Cloudy:

OTTAWA CITY Municipality:

Site Info:

Flowing (Y/N): Flow Rate:

Data Entry Status:

Data Src:

Date Received: 12/12/1952 Selected Flag: TRUE

Abandonment Rec:

Contractor: 3566 Form Version:

Owner: OTTAWA-CARLETON

County: Lot: Concession: Concession Name:

Easting NAD83: Northing NAD83:

Zone:

UTM Reliability:

Additional Detail(s) (Map)

Bore Hole ID: 10030293 Depth M: 31.0896

Year Completed: 1952 11/10/1952

Well Completed Dt: Audit No: Path:

Tag No:

Elevation:

Contractor: 3566

Latitude: 45.3720948144422 Longitude: -75.7791404419983 45.37209480720928 Y: X: -75.77914028040617

Order No: 24062502224

Bore Hole Information

10030293 Bore Hole ID:

DP2BR:

Elevrc:

Spatial Status:

Zone: 18 438990.60

Code OB: East83:

 Code OB Desc:
 North83:
 5024582.00

Open Hole: Org CS:

Cluster Kind: UTMRC:

 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:

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID: 931009192

Laver: 2

Color:

General Color:

 Material 1:
 05

 Material 1 Desc:
 CLAY

 Material 2:
 09

Material 2 Desc: MEDIUM SAND

Material 3:12Material 3 Desc:STONESFormation Top Depth:4.0Formation End Depth:15.0Formation End Depth UOM:ft

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961508258Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10578863

 Casing No:
 1

 Comment:
 1

Alt Name:

Construction Record - Casing

 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

Construction Record - Casing

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

Results of Well Yield Testing

Pumping Test Method Desc:PUMPPump 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:

Water State After Test Code:

Water State After Test:

CLEAR

Pumping Test Method:

Pumping Duration HR:

Pumping Duration MIN:

O

Flowing:

No

Water Details

Water ID: 933462684

 Layer:
 4

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 102.0

 Water Found Depth UOM:
 ft

Water Details

 Water ID:
 933462681

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

Kind: FRESI Water Found Depth: 50.0 Water Found Depth UOM: ft

Water Details

 Water ID:
 933462682

 Layer:
 2

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 70.0

 Water Found Depth UOM:
 ft

Water Details

 Water ID:
 933462683

 Layer:
 3

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 90.0

 Water Found Depth UOM:
 ft

72 1 of 1 WNW/224.3 52.9 / -11.39 ON

Well ID: 1508935

Construction Date:
Use 1st: Domestic

Use 2nd: 0

Final Well Status: Water Supply

Water Type: Casing Material:

Audit No: Tag:

Constructn Method:

Elevation (m):

Elevatn Reliabilty:

Depth to Bedrock: Well Depth:

Overburden/Bedrock: Pump Rate:

Static Water Level: Clear/Cloudy:

PDF URL (Map):

Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N): Flow Rate:

Data Entry Status:

Data Src:

Date Received: 06/09/1954 Selected Flag: TRUE

Selected Flag: Abandonment Rec:

Contractor: 3566 Form Version: 1

Owner:

County: OTTAWA-CARLETON

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:

UTM Reliability:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508935.pdf

Additional Detail(s) (Map)

p9

Order No: 24062502224

 Well Completed Date:
 05/28/1954

 Year Completed:
 1954

 Depth (m):
 26.5176

 Latitude:
 45.3759501985126

 Longitude:
 -75.7813645772302

 X:
 -75.7813644154586

 Y:
 45.375950192259076

 Path:
 150\1508935.pdf

Bore Hole Information

 Bore Hole ID:
 10030969
 Elevation:

 DP2BR:
 Elevrc:

Spatial Status: Zone: 18

 Code OB:
 East83:
 438820.60

 Code OB Desc:
 North83:
 5025012.00

 Open Hole:
 Org CS:

Cluster Kind: UTMRC:

Date Completed: 05/28/1954 UTMRC Desc: unknown UTM

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:

Overburden and Bedrock

Materials Interval

Formation ID: 931011000

 Layer:
 4

 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: 65.0 Formation End Depth: 87.0

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 931010999

 Layer:
 3

 Color:
 8

 General Color:
 BLACK

 Material 1:
 15

Material 1 Desc: LIMESTONE

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 55.0 Formation End Depth: 65.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931010997

Layer:

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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508935

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579539

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

930054568 Casing ID:

Layer: Material: STEEL Open Hole or Material:

Depth From:

16.0 Depth To: Casing Diameter: 4.0 Casing Diameter UOM: inch ft Casing Depth UOM:

Results of Well Yield Testing

Pumping Test Method Desc: **PUMP** Pump Test ID: 991508935

Pump Set At:

10.0 Static Level: 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: Water State After Test: CLOUDY

Pumping Test Method: **Pumping Duration HR:** 1 **Pumping Duration MIN:** 0 No Flowing:

Water Details

Water ID: 933463649 Layer: 1 Kind Code: 1 Kind:

FRESH Water Found Depth: 60.0 Water Found Depth UOM:

Water Details

933463650 Water ID: 2 Layer: Kind Code: Kind: **FRESH** Water Found Depth: 80.0 Water Found Depth UOM: ft

70.9 / 6.61 **73** 1 of 1 SE/225.6

Flowing (Y/N):

Well ID: 1507779 **Construction Date:**

Use 1st: Domestic Use 2nd: Water Supply

Final Well Status: Water Type: Casing Material:

Audit No:

Flow Rate: Data Entry Status:

ON

Data Src:

03/26/1951 Date Received: TRUE Selected Flag:

Abandonment Rec:

3718 Contractor: Form Version: 1

Tag:

WWIS

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

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:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507779.pdf PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 02/15/1951 Year Completed: 1951 Depth (m): 28.0416

Latitude: 45.3729257346315 -75.7760855296398 Longitude: X: -75.77608536798445 Y: 45.37292572817723 150\1507779.pdf Path:

Bore Hole Information

Bore Hole ID: 10029814 Elevation: DP2RR Elevrc:

Spatial Status: Zone: 18 439230.70 East83: Code OB: Code OB Desc: North83: 5024672.00

Open Hole: Org CS:

Cluster Kind: **UTMRC:** Date Completed: 02/15/1951 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:

Overburden and Bedrock

Materials Interval

Formation ID: 931008007

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: 10.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931008008

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: 10.0 Formation End Depth: 92.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931008006

 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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961507779
Method Construction Code: 1
Method Construction: Cohla Tool

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10578384

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930052294

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:92.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing ID:		930052293				
Layer:		1				
Material:		1				
Open Hole or	Material:	STEEL				
Depth From:		40.0				
Depth To:	a4a#.	18.0 5.0				
Casing Diame Casing Diame		inch				
Casing Depth		ft				
Results of Well Yield Testing						
Pumping Tos	t Method Desc:	PUMP				
Pump Test ID		991507779				
Pump Set At:		001001110				
Static Level:		27.0				
	fter Pumping:	27.0				
	ed Pump Depth:					
Pumping Rat		4.0				
Flowing Rate						
	ed Pump Rate:					
Levels UOM:		ft				
Rate UOM:		GPM				
	After Test Code:	1 CLEAR				
Water State A Pumping Tes		1				
Pumping Dur		1				
Pumping Dur		0				
Flowing:		No				
Water Details	i					
Water ID:		933462024				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	80.0				
Water Found	Depth UOM:	ft				
Water Details	1					
Water ID:		933462025				
Layer:		2				
Kind Code:		1				
Kind:		FRESH				
Water Found		90.0				
Water Found	Depth UOM:	ft				
<u>74</u>	1 of 1	NNW/225.8	56.9 / -7.35	ON		wwis
Well ID: 1508936				Flowing (V/M).		
Well ID: Construction		00		Flowing (Y/N): Flow Rate:		
Use 1st:	Dome Dome	stic		Data Entry Status:		
Use 2nd:	0			Data Src:	1	
Final Well Sta	atus: Water	Supply		Date Received:	06/10/1954	
Water Type:				Selected Flag:	TRUE	
Casing Mater	rial:			Abandonment Rec:		
Audit No:				Contractor:	4216	
Tag:	# - 41 1			Form Version:	1	
Constructn N	ietnoa:			Owner:		

OTTAWA-CARLETON

Order No: 24062502224

County:

Constructn Method: Elevation (m):

DB Number of Direction/ Elev/Diff Site Map Key Records Distance (m) (m)

Elevatn Reliabilty:

Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level:

Zone:

UTM Reliability:

Order No: 24062502224

Lot:

Clear/Cloudy:

OTTAWA CITY Municipality:

Site Info:

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 1954 Year Completed: Depth (m): 23.4696

45.3771298645315 Latitude: Longitude: -75.7799759082349 -75.77997574615324 X: Y: 45.377129858530864 150\1508936.pdf Path:

Bore Hole Information

Bore Hole ID: Elevation: 10030970 DP2BR: Elevrc:

Spatial Status: Zone: 18

Code OB: East83: 438930.60 Code OB Desc: North83: 5025142.00

Org CS: Open Hole:

Cluster Kind: UTMRC:

Date Completed: 05/28/1954 UTMRC Desc: unknown UTM

Location Method: Remarks: 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

931011002 Formation ID:

Layer: 2

Color:

General Color:

Material 1: 15

LIMESTONE Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

8.0 Formation Top Depth: Formation End Depth: 77.0 Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 931011001

Layer:

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961508936Method Construction Code:1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

 Pipe ID:
 10579540

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930054571

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:77.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

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

Results of Well Yield Testing

Pumping Test Method Desc:BAILERPump Test ID:991508936

Pump Set At:

Static Level: 6.0 Final Level After Pumping: 12.0

Recommended Pump Depth:

Pumping Rate: 10.0

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft **GPM** Rate UOM: Water State After Test Code: Water State After Test: **CLEAR** Pumping Test Method: 2 **Pumping Duration HR:** 1 **Pumping Duration MIN:** 0 Flowing: No

Water Details

Water ID: 933463651 Layer: Kind Code: 1 **FRESH** Kind: Water Found Depth: 60.0 Water Found Depth UOM:

ft

Water Details

Water ID: 933463652 2 Layer: Kind Code: **FRESH** Kind: Water Found Depth: 77.0 Water Found Depth UOM: ft

1 of 1 NW/226.6 52.9 / -11.39 lot 25 con 1 75 **WWIS** ON

Well ID: 1503899 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: 11/26/1951 Water Type: Selected Flag: TRUE Casing Material: Abandonment Rec:

Audit No: Contractor: 4832 Form Version: Tag:

Constructn Method: Owner:

Elevation (m): County: OTTAWA-CARLETON

Elevatn Reliabilty: 025 Lot: Depth to Bedrock: Concession: 01 Well Depth: OF

Concession Name: 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\1503899.pdf

Order No: 24062502224

Additional Detail(s) (Map)

Well Completed Date: 07/15/1949 1949 Year Completed: Depth (m): 22.86

45.3767654823947 Latitude: Longitude: -75.7806094928429

 X:
 -75.78060933133747

 Y:
 45.376765475053816

 Path:
 150\1503899.pdf

Bore Hole Information

 Bore Hole ID:
 10025942
 Elevation:

 DP2BR:
 Elevrc:

 Spatial Status:
 Zone:
 18

 Code OB:
 Fast83:
 4388

 Code OB:
 East83:
 438880.60

 Code OB Desc:
 North83:
 5025102.00

Open Hole: Org CS:

 Cluster Kind:
 UTMRC:
 9

 Date Completed:
 07/15/1949
 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:

Overburden and Bedrock

Materials Interval

Formation ID: 930997840

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: 8.0 Formation End Depth: 75.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930997839

Layer: 2

Color:

General Color:

Material 1:

Material 1 Desc: MEDIUM SAND

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 3.0 Formation End Depth: 8.0 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930997838

Layer: 1

Color:

General Color: Material 1:

Material 1 Desc: TOPSOIL

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 0.0 Formation End Depth: 3.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:961503899Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10574512

 Casing No:
 1

 Comment:
 1

Alt Name:

Construction Record - Casing

Casing ID: 930044634

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 75.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

 Casing ID:
 930044633

 Layer:
 1

 Material:
 1

 Open Hole or Material:
 STEEL

 Depth From:
 9.0

 Casing Diameter:
 5.0

 Casing Diameter UOM:
 inch

 Casing Depth UOM:
 ft

Results of Well Yield Testing

Pumping Test Method Desc:

Pump Test ID: 991503899

Pump Set At: Static Level: 8.0

Final Level After Pumping: Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

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

Order No: 24062502224

Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: Map Key Number of Direction/ Elev/Diff Site DB

Records Distance (m) (m)

77 1 of 1 ENE/239.0 66.8 / 2.55 Kiewit Eurovia Vinci Ottawa Partnership Compton Ave and Byron Ave

Nature of Damage:

Discharger Report:

2 - Minor Environment

Order No: 24062502224

Material Group:

Impact to Health:

Agency Involved:

Ottawa ON

ef No: 1382-BY4NNP Municipality No:

 Ref No:
 1382-BY4NNP

 Year:
 Incident Dt:
 2021/02/10

Dt MOE Arvl on Scn:

 MOE Reported Dt:
 2021/02/10

 Dt Document Closed:
 2021/04/19

 Site No:
 NA

 MOE Response:
 No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: Storm Manhole<UNOFFICIAL>
Site Address: Compton Ave and Byron Ave

Site Region: Eastern
Site Municipality: Ottawa

Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum:

 Northing:
 5025074.68

 Easting:
 439278.47

 Incident Cause:

Incident Preceding Spill: Overflow/Surcharge

Environment Impact: Health Env Consequence:

Nature of Impact:
Contaminant Qty: 0.2 m³

System Facility Address:

Client Name: Kiewit Eurovia Vinci Ottawa Partnership

 Client Type:
 Corporation

 Source Type:
 Unknown / N/A

 Contaminant Code:
 27

 Contaminant Name:
 CONCRETE

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: n/a
Receiving Medium: Land

Incident Reason: Unknown / N/A

Incident Summary: Kiewit: concrete in storm sewer manhole

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Unknown / N/A

SAC Action Class:

Call Report Locatn Geodata:

78 1 of 1 ENE/240.8 69.9/5.61 WWIS

 Well ID:
 1508044
 Flowing (Y/N):

 Construction Date:
 Flow Rate:

 Use 1st:
 Domestic
 Data Entry Status:

Use 2nd: 0 Data Src:

Final Well Status:Water SupplyDate Received:09/10/1951Water Type:Selected Flag:TRUE

Casing Material: Abandonment Rec:

3718 Contractor:

Audit No: Form Version: Tag: Constructn Method: Owner:

Elevation (m): County: **OTTAWA-CARLETON**

Elevatn Reliabilty: Lot: Concession: Depth to Bedrock: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level: Zone:

UTM Reliability:

Clear/Cloudy: **OTTAWA CITY**

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 -75.77497788099086 X: Y: 45.37599370542812 150\1508044.pdf Path:

Bore Hole Information

Bore Hole ID: 10030079 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 Code OB: East83: 439320.70 Code OB Desc: North83: 5025012.00

Open Hole: Org CS:

Cluster Kind: UTMRC:

08/08/1951 margin of error: 100 m - 300 m Date Completed: UTMRC Desc:

Order No: 24062502224

Remarks: Location Method:

Elevrc Desc:

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

931008663 Formation ID:

Layer: 3 Color: 2 General Color: **GREY** Material 1: 15

LIMESTONE Material 1 Desc:

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508044

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10578649

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pumping Test Method Desc:PUMPPump Test ID:991508044

Pump Set At:

Static Level:20.0Final Level After Pumping:25.0Recommended 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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

 Water ID:
 933462388

 Layer:
 2

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 72.0

 Water Found Depth UOM:
 ft

Water Details

 Water ID:
 933462390

 Layer:
 4

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 105.0

 Water Found Depth UOM:
 ft

Water Details

 Water ID:
 933462387

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 30.0

 Water Found Depth UOM:
 ft

Water Details

Water ID: 933462389

3 Layer: Kind Code: **FRESH** Kind: Water Found Depth: 90.0 Water Found Depth UOM: ft

Water Details

Water ID: 933462391

Layer: 5 Kind Code: **FRESH** Kind: Water Found Depth: 115.0 Water Found Depth UOM: ft

79 1 of 1 WNW/241.4 52.9 / -11.39 **WWIS** ON

1508898 Well ID: Flowing (Y/N): Construction Date: Flow Rate:

Domestic Data Entry Status: Use 1st: Use 2nd: Data Src:

06/20/1950 Water Supply Final Well Status: Date Received: TRUE Water Type: Selected Flag:

Casing Material: Abandonment Rec: Audit No: Contractor: 4216

Tag: Form Version: 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: UTM Reliability:

Clear/Cloudy: **OTTAWA CITY**

Municipality: Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508898.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/10/1950 Year Completed: 1950 Depth (m): 18.288

Latitude: 45.3764918878244 -75.7811293731265 Longitude: -75.78112921139626 X: 45.37649188128358 150\1508898.pdf Path:

Bore Hole Information

Bore Hole ID: 10030932 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 438839.60 Code OB: East83: Code OB Desc: 5025072.00 North83:

Open Hole: Org CS:

Cluster Kind: UTMRC:

Date Completed: 06/10/1950 UTMRC Desc: margin of error: 100 m - 300 m

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:

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID: 931010898

Layer:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931010900

Layer:

Color:

General Color:

Material 1:

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961508898

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10579502 Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930054496

Layer: 1 Material: Open Hole or Material: **STEEL**

Depth From:

Depth To: 9.0 Casing Diameter: 4.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054497

Layer: 2 Material:

OPEN HOLE Open Hole or Material:

Depth From:

Depth To: 60.0 Casing Diameter: 4.0 Casing Diameter UOM: inch Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: **PUMP**

Pump Test ID: 991508898

Pump Set At:

Static Level: 6.0 Final Level After Pumping: 8.0 Recommended Pump Depth:

Pumping Rate: 30.0

Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft Rate UOM: **GPM** Water State After Test Code: Water State After Test: **CLEAR** Pumping Test Method: **Pumping Duration HR:** 0 20 **Pumping Duration MIN:** Flowing: No

Water Details

Water ID: 933463600

Layer: Kind Code: Map Key Number of Direction/ Elev/Diff Site DΒ

> Records Distance (m) (m)

FRESH Kind: Water Found Depth: 60.0 Water Found Depth UOM: ft

80 1 of 1 ESE/241.5 70.9 / 6.61 **WWIS** ON

Well ID: 1507780 Flowing (Y/N):

Construction Date: Flow Rate:

Use 1st: Domestic Data Entry Status: Use 2nd: Data Src:

01/29/1951 Final Well Status: Water Supply Date Received:

TRUE Water Type: Selected Flag: Casing Material: Abandonment Rec:

3718 Audit No: Contractor: Form Version: Tag: 1

Constructn Method: Owner: OTTAWA-CARLETON 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:

UTM Reliability: Clear/Cloudy: **OTTAWA CITY**

Municipality: Site Info:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507780.pdf PDF URL (Map):

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID: 10029815 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18

Code OB: East83: 439270.70 Code OB Desc: 5024702.00 North83:

Org CS: Open Hole: Cluster Kind: UTMRC:

Date Completed: 07/10/1950 **UTMRC Desc:** unknown UTM

Order No: 24062502224

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: 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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

<u>Use</u>

Method Construction ID:961507780Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

Alt Name:

 Pipe ID:
 10578385

 Casing No:
 1

 Comment:
 1

Construction Record - Casing

 Casing ID:
 930052296

 Layer:
 2

Layer: 2 Material: 4

Open Hole or Material: Depth From:

Depth To: 100.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052295

OPEN HOLE

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m) Layer: Material: STEEL Open Hole or Material: Depth From: Depth To: 15.0 Casing Diameter: 4.0 Casing Diameter UOM: inch Casing Depth UOM: ft Results of Well Yield Testing **PUMP** Pumping Test Method Desc: 991507780 Pump Test ID: Pump Set At: Static Level: 25.0 Final Level After Pumping: 38.0 Recommended Pump Depth: 5.0 Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: **GPM** Water State After Test Code: CLEAR Water State After Test: **Pumping Test Method:**

Pumping Duration HR: 2 Pumping Duration MIN: 30 Flowing: No

Water Details

Water ID: 933462026 Layer: Kind Code: **FRESH** Kind:

Water Found Depth: 100.0 Water Found Depth UOM: ft

81 1 of 1 E/242.4 70.9 / 6.61 **BORE** ON

Piezometer:

Municipality:

Township:

UTM Zone:

Easting:

Northing:

Latitude DD:

Longitude DD:

Lot:

Primary Name:

Borehole ID: 611020 Inclin FLG: OGF ID: 215512529 SP Status: Surv Elev:

Status: Type: Borehole

Use: Completion Date: JAN-1951 Static Water Level:

Primary Water Use: Sec. Water Use:

Total Depth m: 28 Depth Ref: **Ground Surface**

Depth Elev: Drill Method:

Orig Ground Elev m: 70.1

Elev Reliabil Note: DEM Ground Elev m: 75.3

Concession: Location D:

Location Accuracy: Not Applicable Accuracy:

No

No

No

18

439331

5024797

Order No: 24062502224

Initial Entry

45.374061

-75.774825

Survey D: Comments:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Borehole Geology Stratum

218387251 Geology Stratum ID: Mat Consistency: Dense

Top Depth: 1.8 Material Moisture: **Bottom Depth:** 28 Material Texture: White Material Color: Non Geo Mat Type: Material 1: Limestone Geologic Formation: Geologic Group: Material 2: Material 3: Geologic Period: Material 4: Depositional Gen:

Gsc Material Description:

Stratum Description: LIMESTONE. 00060MESTONE, SHALE. LIMESTONE. WHITE. 00075AVEL. DENSE. SILT, SAND, CLAY. DE

**Note: Many records provided by the department have a truncated [Stratum Description] field.

Depositional Gen:

218387250 Geology Stratum ID: Mat Consistency: Top Depth: Material Moisture: 0 **Bottom Depth:** 1.8 Material Texture: Material Color: Non Geo Mat Type: Material 1: Clay Geologic Formation: Material 2: Geologic Group: Material 3: Geologic Period:

Gsc Material Description:

Stratum Description: CLAY.

<u>Source</u>

Material 4:

Spatial/Tabular Source Type: **Data Survey** Source Appl:

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

Urban Geology Automated Information System (UGAIS) Source Name:

File: OTTAWA1.txt RecordID: 03528 NTS_Sheet: Source Details:

Confiden 1:

Source List

Source Identifier: Horizontal Datum: NAD27

Source Type: Data Survey Vertical Datum: Mean Average Sea Level Universal Transverse Mercator Source Date: 1956-1972 Projection Name:

Scale or Resolution: Varies

Urban Geology Automated Information System (UGAIS) Source Name:

Source Originators: Geological Survey of Canada

1 of 1 E/242.5 70.9 / 6.61 82 **WWIS** ON

Order No: 24062502224

1507805 Flowing (Y/N): Well ID: Construction Date: Flow Rate:

Data Entry Status: Use 1st: Domestic Use 2nd: Data Src:

Water Supply 02/27/1951 Final Well Status: Date Received:

Water Type: TRUE Selected Flag: Casing Material: Abandonment Rec:

Audit No: 4216 Contractor: Tag: Form Version: Constructn Method: Owner:

Elevation (m): County: OTTAWA-CARLETON Elevatn Reliabilty: Lot:

Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83:

5024797.00

Order No: 24062502224

Northing NAD83: Pump Rate:

Static Water Level: Zone:

Clear/Cloudy: UTM Reliability:

OTTAWA CITY Municipality:

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507805.pdf

Additional Detail(s) (Map)

01/11/1951 Well Completed Date: 1951 Year Completed: Depth (m): 28.0416

Latitude: 45.3740594685237 Longitude: -75.774823909681 X: -75.7748237482699 Y: 45.37405946202071 Path: 150\1507805.pdf

Bore Hole Information

Bore Hole ID: 10029840 Elevation:

DP2BR: Elevrc:

18 Spatial Status: Zone: Code OB: East83: 439330.70

Code OB Desc: North83: Open Hole: Org CS:

Cluster Kind: UTMRC:

Date Completed: 01/11/1951 **UTMRC Desc:** unknown UTM

Location Method: Remarks: 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

931008074 Formation ID:

Layer:

Color:

General Color:

Material 1: 05

Material 1 Desc: CLAY

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

0.0 Formation Top Depth: Formation End Depth: 6.0

Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931008075

Layer:

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: 92.0
Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:961507805Method Construction Code:1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10578410

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930052345

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:92.0Casing Diameter:4.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP

Pump Test ID: 991507805

Pump Set At: Static Level:

15.0 19.0

Final Level After Pumping: Recommended Pump Depth: Pumping Rate:

Flowing Rate:

7.0

Recommended Pump Rate:

Levels UOM: ft
Rate UOM: GPM

DB Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m) Water State After Test Code: Water State After Test: **CLEAR** Pumping Test Method: 0 **Pumping Duration HR: Pumping Duration MIN:** 20 No Flowing: Water Details Water ID: 933462065 Layer: Kind Code: **FRESH** Kind: Water Found Depth: 60.0 Water Found Depth UOM: Water Details Water ID: 933462066 Layer: Kind Code: Kind: **FRESH** Water Found Depth: 92.0 Water Found Depth UOM: ft 83 1 of 1 SW/243.3 62.9 / -1.36 **GEN** 1100 Ambleside Drive Ottawa ON K2B 8G6 Generator No: ON8836971 SIC Code: SIC Description: As of Oct 2022 Approval Years: PO Box No: Country: Canada Registered Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: Detail(s) Waste Class: 251 L Waste Class Name: **OIL SKIMMINGS & SLUDGES** 1 of 1 ESE/244.1 70.9 / 6.61 **FRANCIS FUELS** 84 SPL 235 ALISON AVE. TANK TRUCK (CARGO) OTTAWA CITY ON Ref No: 109228 Municipality No: 20101 Nature of Damage: Year: Incident Dt: 1/17/1995 Discharger Report: Dt MOE Arvl on Scn: Material Group: Impact to Health: 1/17/1995 MOE Reported Dt: **Dt Document Closed:** Agency Involved: Site No: MOE Response: Site County/District: Site Geo Ref Meth:

Order No: 24062502224

Site District Office:

Map Key Number of Direction/ Elev/Diff Site DB

(m)

Records Distance (m)

Site Name: Site Address: Site Region:

Nearest Watercourse:

Site Municipality: OTTAWA CITY

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause: CONTAINER OVERFLOW

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:
OTHER

Incident Summary: FRANCIS FUELS: 1 L OIL OVERFLOWED FROM VENT PIPETO GROUND.

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Property Tertia Sector Type:

SAC Action Class:

Call Report Locatn Geodata:

85 1 of 1 SE/245.5 70.9 / 6.61 lot 25 con 1 ON WWIS

Well ID: 1503895 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: 11/24/1948
Water Type: Selected Flag: TRUE
Casing Material: Abandonment Rec:

Casing Material:Abandonment Rec:Audit No:Contractor:4216Tag:Form Version:1

Constructn Method: Construct M

Elevation (m):County:OTTAWA-CARLETONElevatn Reliability: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\1503895.pdf

Order No: 24062502224

Additional Detail(s) (Map)

 Well Completed Date:
 10/30/1948

 Year Completed:
 1948

 Depth (m):
 24.384

 Latitude:
 45.3726557193336

 Longitude:
 -75.7760818363743

 X:
 -75.77608167413618

 Y:
 45.37265571221749

 Path:
 150\1503895.pdf

Bore Hole Information

 Bore Hole ID:
 10025938
 Elevation:

 DP2BR:
 Elevrc:

Spatial Status: Zone: 18

 Code OB:
 East83:
 439230.70

 Code OB Desc:
 North83:
 5024642.00

 Open Hole:
 Org CS:

Cluster Kind: UTMRC:

Date Completed:10/30/1948UTMRC Desc:unknown UTMRemarks:Location Method:p9

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:

Overburden and Bedrock

Materials Interval

Formation ID: 930997829

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: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930997830

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: 80.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:961503895Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10574508

 Casing No:
 1

 Comment:
 1

Alt Name:

Construction Record - Casing

 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

Construction Record - Casing

Casing ID: 930044625

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:80.0Casing Diameter:6.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc:

 Pump Test ID:
 991503895

 Pump Set At:
 991503895

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

Water Details

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

933456914 Water ID:

Layer: Kind Code: **FRESH** Kind:

Water Found Depth:

Water Found Depth UOM: ft

86 1 of 1 E/246.6 70.9 / 6.61 Enbridge Energy Distribution Inc.

220 Compton Ave Ottawa ON

Municipality No: Nature of Damage:

Material Group:

Impact to Health:

Agency Involved:

Discharger Report:

2 - Minor Environment

SPL

Order No: 24062502224

1841-B5PTTF Ref No:

Year: Incident Dt: 2018/10/19

Dt MOE Arvl on Scn:

2018/10/19 MOE Reported Dt:

Dt Document Closed:

Site No: NA MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: Residential<UNOFFICIAL>

220 Compton Ave Site Address: Site Region: Eastern

Site Municipality: Ottawa

Site Lot: Site Conc:

Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence:

Nature of Impact: Contaminant Qty: 0 L

System Facility Address:

Client Name: Enbridge Energy Distribution Inc. Client Type:

Corporation Source Type: Pipeline/Components

Contaminant Code:

Contaminant Name: NATURAL GAS (METHANE)

Contaminant Limit 1: Contam Limit Freg 1:

Contaminant UN No 1: 1075 Receiving Medium: Air

Incident Reason: Operator/Human Error

Incident Summary: TSSA FSB: T25 Gas meter strike, made safe

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Unknown / N/A

TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill SAC Action Class:

Call Report Locatn Geodata:

87 1 of 1 SE/251.8 70.9 / 6.61 **GRAFICO SIGNS** SCT 247 HARCOURT AVE

OTTAWA ON K2B 5C2

Established: 0000

Number of Direction/ Elev/Diff Site DΒ Map Key

Records 0 Plant Size (ft2): Employment: 0

--Details--

Description: Sign Manufacturing

SIC/NAICS Code: 339950

88 1 of 1 E/253.7 69.9 / 5.61 lot 25 con 1 **WWIS**

ON

Order No: 24062502224

Well ID: 1503890 Flowing (Y/N): Construction Date: Flow Rate:

Distance (m)

(m)

Data Entry Status: Use 1st: Domestic

Use 2nd: 0 Data Src: 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

Owner: Constructn Method:

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:

 $https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\backslash1503890.pdf$ PDF URL (Map):

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: Elevro:

Spatial Status: Zone: 18 Code OB: 439360.70 East83: Code OB Desc: 5024932.00 North83:

Open Hole: Org CS:

Cluster Kind: **UTMRC**: Date Completed: 06/20/1947 UTMRC Desc:

unknown UTM Remarks: Location Method: p9

Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 930997819

Layer:

Color: General Color:

General Color: Material 1:

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

Overburden and Bedrock

Materials Interval

Formation ID: 930997820

Layer:

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961503890

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574503

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Casing

 Casing ID:
 930044613

 Layer:
 1

 Material:
 1

 Open Hole or Material:
 STEEL

 Depth From:
 7.0

 Casing Diameter:
 4.0

 Casing Diameter UOM:
 inch

ft

Construction Record - Casing

Casing ID: 930044614

Layer: 2

Material:

Open Hole or Material:

Casing Depth UOM:

Depth From:

Depth To: 10.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

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

Water Details

Water ID: 933456906

Layer: 1 Kind Code: 5

Kind: Not stated
Water Found Depth: 60.0
Water Found Depth UOM: ft

89 1 of 1 E/261.3 70.9 / 6.61 lot 25 con 1 ON WWIS

Flowing (Y/N):

Order No: 24062502224

Flow Rate:

Well ID: 1503889

Construction Date:
Use 1st: Domestic

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

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-CARLETONElevatn Reliabilty:Lot:025Depth to Bedrock:Concession:01

Depth to Bedrock: Concession: 01
Well Depth: Concession Name: 0F
Overburden/Bedrock: Easting NAD83:

Pump Rate: Northing NAD83: Static Water Level: Zone:

Clear/Cloudy: UTM Reliability: Wunicipality: OTTAWA CITY (NEPEAN)

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503889.pdf

Additional Detail(s) (Map)

 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

Bore Hole Information

 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:

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:

Overburden and Bedrock

Materials Interval

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

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 930997817

Layer:

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: 6.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:961503889Method Construction Code:1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574502

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930044612

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

Construction Record - Casing

Casing ID: 930044611

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

Results of Well Yield Testing

Pumping Test Method Desc:

Map Key Number of Records Direction/ Distance (m) (m)

Pump Test ID: 991503889

Pump Set At: Static Level: 12.0

Final Level After Pumping:
Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft GPM

Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing: No

Water Details

Water ID: 933456905

Layer: 1 **Kind Code**: 5

Kind: Not stated
Water Found Depth: 102.0
Water Found Depth UOM: ft

90 1 of 1 SE/262.6 70.9 / 6.61 lot 25 con 1 WWIS

Well ID: 1503897 Flowing (Y/N):
Construction Date: Flow Rate:

Use 1st:DomesticData Entry Status:Use 2nd:0Data Src:

Final Well Status:Water SupplyDate Received:03/30/1949Water Type:Selected Flag:TRUE

Casing Material:Abandonment Rec:Audit No:Contractor:4216Tag: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\1503897.pdf

Order No: 24062502224

Additional Detail(s) (Map)

 Well Completed Date:
 03/23/1949

 Year Completed:
 1949

 Depth (m):
 25.908

 Latitude:
 45.3722939632504

 Longitude:
 -75.7763323059593

 X:
 -75.7763321441481

 Y:
 45.372293956041936

 Path:
 150\1503897.pdf

p9

Order No: 24062502224

Bore Hole Information

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: Original Pre1985 UTM Rel Code 9: unknown UTM Location Method Desc:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 930997833

Layer:

Color:

General Color:

Material 1: 05 CLAY Material 1 Desc:

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

0.0 Formation Top Depth: Formation End Depth: 10.0 Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 930997834

Layer:

Color:

General Color:

Material 1: 15

Material 1 Desc: LIMESTONE

Material 2: Material 2 Desc: Material 3: Material 3 Desc:

10.0 Formation Top Depth: Formation End Depth: 85.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

961503897 **Method Construction ID:**

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574510

Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930044628

Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:

Depth To:10.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

Casing ID: 930044629

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:85.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

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

Water Details

 Water ID:
 933456916

 Layer:
 1

 Kind Code:
 1

Kind: FRESH

Water Found Depth:

Water Found Depth UOM: ft

1 of 8

68.0 / 3.71 HULSE, PLAYFAIR & MCGARRY INC.
WEST CHAPEL 150 WOODROFFE AVENUE

ENE/265.7

91

GEN

DΒ Map Key Number of Direction/ Elev/Diff Site Records Distance (m) (m) 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 PATHOLOGICAL WASTES Waste Class Name: 91 2 of 8 ENE/265.7 68.0 / 3.71 HULSE, PLAYFAIR & MCGARRY INC. 44-227 **GEN** WEST CHAPEL 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9 ONF022700 Generator No: 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.
150 WOODROFFE AVENUE
OTTAWA ON K2A 3T9

Order No: 24062502224

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:

Phone No Admin: Contaminated Facility: MHSW Facility:

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		312 PATHOLOGICAL V	VASTES		
<u>91</u>	4 of 8	ENE/265.7	68.0 / 3.71	HULSE, PLAYFAIR & MCGARRY INC. 150 WOODROFFE AVENUE OTTAWA ON	GEN
Generator N	o:	ONF022700			
SIC Code: SIC Descript Approval Ye PO Box No: Country:		812210 2013			
Status: Co Admin: Choice of Co Phone No Ad Contaminate MHSW Facil	dmin: ed Facility:				
<u>Detail(s)</u>					
Waste Class Waste Class		312 PATHOLOGICAL V	VASTES		
<u>91</u>	5 of 8	ENE/265.7	68.0 / 3.71	HULSE, PLAYFAIR & MCGARRY INC. 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	GEN
Generator N SIC Code: SIC Descript Approval Ye PO Box No: Country: Status: Co Admin: Choice of Co Phone No Ad Contaminate MHSW Facil	tion: ars: ontact: dmin: ed Facility:	ONF022700 812210 Funeral Homes 2010			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 PATHOLOGICAL WASTES			
<u>91</u>	6 of 8	ENE/265.7	68.0 / 3.71	HULSE, PLAYFAIR & MCGARRY INC. 150 WOODROFFE AVENUE OTTAWA ON K2A 3T9	GEN
Generator N SIC Code: SIC Descript Approval Ye PO Box No: Country: Status: Co Admin: Choice of Co Phone No Ad Contaminate	tion: ars: ontact: dmin:	ONF022700 812210 Funeral Homes 2011			

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

MHSW Facility:

Detail(s)

Waste Class: 312

Waste Class Name: PATHOLOGICAL WASTES

91 7 of 8 ENE/265.7 68.0 / 3.71 HULSE, PLAYFAIR & MCGARRY INC. **GEN** 150 WOODROFFE AVENUE

OTTAWA ON K2A 3T9

OTTAWA ON K2A 3T9

Generator No: ONF022700 SIC Code: 812210 SIC Description: **Funeral Homes** 2012 Approval Years:

Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:

Detail(s)

PO Box No:

Waste Class:

Waste Class Name: PATHOLOGICAL WASTES

91 8 of 8 ENE/265.7 68.0 / 3.71 HULSE. PLAYFAIR & MCGARRY INC. **GEN** 150 WOODROFFE AVENUE

Generator No: ONF022700 SIC Code: 812210 SIC Description: 812210 Approval Years: 2014

PO Box No:

Country: Canada

Status:

Alastair M Henderson Co Admin: Choice of Contact: CO_ADMIN 613-233-1143 Ext. Phone No Admin:

Contaminated Facility: No MHSW Facility: No

Detail(s)

Waste Class:

Waste Class Name: PATHOLOGICAL WASTES

92 1 of 1 ESE/272.1 70.9 / 6.61 lot 25 con 1 **WWIS**

Well ID: 1503893

Construction Date:

Use 1st: Domestic Use 2nd: 0

Final Well Status: Water Supply

Water Type: Casing Material: Data Entry Status: Data Src:

Date Received: 11/24/1948 TRUE Selected Flag:

Order No: 24062502224

Abandonment Rec:

Flowing (Y/N):

Flow Rate:

Contractor: 4216

Audit No: Form Version: Tag: Constructn Method: Owner:

OTTAWA-CARLETON Elevation (m): County:

Elevatn Reliabilty: Lot: 025 Concession: 01 Depth to Bedrock: Well Depth: Concession Name: OF

Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83:

Static Water Level: Zone: UTM Reliability: Clear/Cloudy:

Municipality: OTTAWA CITY (NEPEAN)

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 34.4424 Depth (m):

Latitude: 45.3731118153271 Longitude: -75.7751941004026 -75.77519393856649 X: Y: 45.37311180817867 150\1503893.pdf Path:

Bore Hole Information

Bore Hole ID: 10025936 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 18 439300.70 Code OB: East83: Code OB Desc: 5024692.00 North83:

Open Hole: Org CS:

Cluster Kind: UTMRC:

10/04/1948 Date Completed: UTMRC Desc: unknown UTM

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:

Overburden and Bedrock

Materials Interval

930997826 Formation ID:

Layer:

Color:

General Color:

Material 1: 15

LIMESTONE Material 1 Desc:

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

Overburden and Bedrock

Materials Interval

Formation ID: 930997825

Layer:

Color:

General Color: Material 1:

Material 1: 17
Material 1 Desc: SHALE

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

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961503893

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574506

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930044620

Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:

Depth To: 4.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044621

Layer: 2 Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 113.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:PUMPPump Test ID:991503893

Pump Set At:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) 28.0 Static Level: Final Level After Pumping: 29.0 Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: ft **GPM** Rate UOM: Water State After Test Code: Water State After Test: **CLEAR** Pumping Test Method: **Pumping Duration HR: Pumping Duration MIN:** Flowing: No Water Details 933456911 Water ID: Layer: 1 Kind Code: **FRESH** Kind: Water Found Depth: 60.0 Water Found Depth UOM: ft Water Details Water ID: 933456912 Layer: 2 Kind Code: **FRESH** Kind: Water Found Depth: 113.0 Water Found Depth UOM: ft 93 1 of 1 NNE/273.9 60.9 / -3.39 City of Ottawa **ECA** 87 Pooler Ave Ottawa ON K2G 6J8 **MOE District:** Approval No: 9745-C4YGL3 Ottawa Approval Date: 2021-07-23 City: Status: Approved Longitude: -75.77697 Record Type: ECA Latitude: 45.377635 Link Source: **IDS** Geometry X: -8435453.7143 SWP Area Name: Rideau Valley Geometry Y: 5681169.606799996 ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS City of Ottawa **Business Name:** Address: 87 Pooler Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8652-C3FLCL-14.pdf PDF Site Location: W/275.5 57.9 / -6.39 lot 25 con 1 94 1 of 1 **WWIS** ON Well ID: 1503892 Flowing (Y/N): **Construction Date:** Flow Rate: Use 1st: Domestic Data Entry Status: Use 2nd: Data Src: 11/24/1948 Water Supply Final Well Status: Date Received: TRUE

Selected Flag:

Contractor:

Abandonment Rec:

4216

Order No: 24062502224

erisinfo.com | Environmental Risk Information Services

Audit No:

Water Type:

Casing Material:

Tag: Form Version:

Constructn Method: Owner:

OTTAWA-CARLETON Elevation (m): County:

Elevatn Reliabilty: Lot: 025 Depth to Bedrock: Concession: 01 Well Depth: OF Concession Name:

Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level: Zone: Clear/Cloudy: UTM Reliability:

OTTAWA CITY (NEPEAN) Municipality:

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503892.pdf

Additional Detail(s) (Map)

09/21/1948 Well Completed Date: Year Completed: 1948 Depth (m): 21.336

45.3744559360792 Latitude: -75.7826849916802 Longitude: -75.78268482991973 X: 45.3744559295853 Y: Path: 150\1503892.pdf

Bore Hole Information

Bore Hole ID: 10025935 Elevation: DP2BR: Elevrc:

Spatial Status: Zone:

18 Code OB: East83: 438715.60 Code OB Desc: North83: 5024847.00

Open Hole: Org CS:

Cluster Kind: UTMRC:

09/21/1948 Date Completed: **UTMRC Desc:** unknown UTM

Location Method: Remarks: **9** 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: 930997823

Layer:

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: 13.0 Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 930997824

Layer:

Color:

General Color:

Material 1: 15
Material 1 Desc: LIMESTONE

Material 1 Desc: Material 2: Material 2 Desc:

Material 2 Desc: Material 3: Material 3 Desc:

Formation Top Depth: 13.0 Formation End Depth: 70.0 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961503892

Method Construction Code: 1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10574505

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930044618

Layer: 1
Material: 1

Open Hole or Material: STEEL

Depth From:

Depth To: 15.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

 Casing ID:
 930044619

 Layer:
 2

Layer: Material:

Open Hole or Material: OPEN HOLE

Depth From:

Depth To:70.0Casing Diameter:5.0Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pumping Test Method Desc:

Pump Test ID: 991503892

Pump Set At:

Static Level: 13.0

Final Level After Pumping: Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft GPM

Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing: No

Water Details

Water ID: 933456910

ft

Layer: 1
Kind Code: 1

Kind: FRESH

Water Found Depth: Water Found Depth UOM:

95 1 of 1 SW/279.6 63.9 / -0.39 1142 RICHMOND ROAD OTTAWA ON WWIS

Flowing (Y/N):

Date Received:

Selected Flag:

Form Version:

Concession:

Contractor:

Owner:

County:

Lot:

Zone:

Data Entry Status:

Abandonment Rec:

Concession Name:

Easting NAD83:

UTM Reliability:

Northing NAD83:

01/21/2005

OTTAWA-CARLETON

Order No: 24062502224

TRUE

1844

3

Flow Rate:

Data Src:

Well ID: 1535367

Construction Date:

Use 1st: Use 2nd:

Final Well Status: Observation Wells

Water Type:

Casing Material:

 Audit No:
 Z20832

 Tag:
 A011972

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:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535367.pdf

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

Elevation:

18

wwr

438886.00

5024554.00 UTM83

unknown UTM

Order No: 24062502224

Elevrc:

East83:

North83:

Org CS:

UTMRC:

UTMRC Desc:

Location Method:

Zone:

Bore Hole ID: 11329716

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 10/15/2004

Remarks:

Location Method Desc: on Water Well Record

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Annular Space/Abandonment

Sealing Record

 Plug ID:
 933284355

 Layer:
 1

 Plug From:
 0.0

 Plug To:
 115.0

 Plug Depth UOM:
 m

Method of Construction & Well

<u>Use</u>

Method Construction ID: 961535367

Method Construction Code:

Method Construction: Other Method

Other Method Construction:

Pipe Information

Pipe ID: 11344571

Casing No:

Comment: Alt Name:

Construction Record - Casing

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

Construction Record - Screen

 Screen ID:
 933416281

 Layer:
 1

 Slot:
 010

 Screen Top Depth:
 5.0

 Screen End Depth:
 8.0

 Screen Material:
 5

Screen Material: 5
Screen Depth UOM: m

Screen Diameter UOM: cm Screen Diameter: 65.0

Results of Well Yield Testing

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

Water Details

Water ID: 934069499

Layer: 3 Kind Code: 5

Kind: Not stated

Water Found Depth:
Water Found Depth UOM:

Water Details

Water ID: 934069497

Layer: 1

Kind Code: 5

Kind: Not stated Water Found Depth:

Water Found Depth UOM: m

Water Details

Water ID: 934069498

Layer: 2

Kind Code: 5

Kind: Not stated

Water Found Depth:

Water Found Depth UOM: m

Hole Diameter

 Hole ID:
 11533383

 Diameter:
 20.0

 Depth From:
 0.0

 Depth To:
 8.0

 Hole Depth UOM:
 m

 Hole Diameter UOM:
 cm

96 1 of 1 SSW/281.8 64.2 / -0.09 The Corporation of the City of Ottawa Wentworth Ave

Number of Direction/ Elev/Diff Site DΒ Map Key

Records Distance (m) (m)

Ottawa ON K1N 5A1

45.3717

Latitude:

Approval No: 6838-4LSR5G **MOE District:** Ottawa Approval Date: 2000-07-05 City: Status: Approved Longitude: -75.7801

IDS Link Source: Geometry X: SWP Area Name: Rideau Valley Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type:

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS **Business Name:** The Corporation of the City of Ottawa

Wentworth Ave

ECA

Address: Full Address:

https://www.accessenvironment.ene.gov.on.ca/instruments/5441-4LQPRZ-14.pdf Full PDF Link:

PDF Site Location:

Record Type:

97 1 of 1 NE/288.1 64.4 / 0.16 SAIKALEY REALTY **GEN** 945 RICHMOND ROAD

OTTAWA ON

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:

Detail(s)

Waste Class: 251

Waste Class Name: **OIL SKIMMINGS & SLUDGES**

98 1 of 1 ENE/288.8 69.6 / 5.30 170 Woodroffe Avenue **EHS** Ottawa ON

20150724064 Order No:

Status: C

Report Type: Standard Select Report

Client Prov/State: ON 31-JUL-15 Report Date: Search Radius (km): .25 24-JUL-15 Date Received: -75.774506 X: Previous Site Name: 45.376281

Lot/Building Size:

Additional Info Ordered: Title Searches; Topographic Maps; City Directory

99 1 of 1 ENE/289.0 69.9 / 5.61 Enbridge Gas Distribution Inc.

> 1991 Anthony St. Ottawa ON

Ref No: 5107-96PNTN

Year: Incident Dt: 12-APR-13

Dt MOE Arvl on Scn:

12-APR-13 MOE Reported Dt: 17-MAY-13 **Dt Document Closed:**

Nature of Damage: Discharger Report: Material Group: Impact to Health: Agency Involved:

Municipality No:

SPL

Order No: 24062502224

Nearest Intersection:

Municipality:

Number of Elev/Diff Site DΒ Map Key Direction/ Records Distance (m) (m)

Site No:

MOE Response: Referral to others

Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse:

private residence<UNOFFICIAL>

Site Address: 1991 Anthony St.

Site Region:

Site Name:

Site Municipality: Ottawa

Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum:

Northing: Easting:

Leak/Break Incident Cause: Incident Preceding Spill:

Environment Impact: Health Env Consequence:

Air Pollution; Human Health/Safety Nature of Impact: Contaminant Qty: 0 other - see incident description

Confirmed

System Facility Address: Client Name:

Enbridge Gas Distribution Inc.

Client Type: Source Type:

Contaminant Code:

Contaminant Name: NATURAL GAS (METHANE)

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium:

Incident Reason: Unknown / N/A

Incident Summary: Enbridge: gas leak on riser. Safe. Ottawa

Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:

Sector Type: Pipeline/Components

SAC Action Class: Air Spills - Gases and Vapours

Call Report Locatn Geodata:

100 1 of 1 ESE/297.2 70.9 / 6.61 250 ANCASTER AVENUE, OTTAWA INC ON K2B 5B4

Incident No: 338444 Incident ID: 2489938

Instance No:

Status Code: Non Mandated

Incident Status: Incident Severity:

Task No: Attribute Category: FS-Incident

Context:

Date of Occurrence: Time of Occurrence: Occr Insp Start Dt: Incident Creat On:

Instance Creat Dt: Instance Install Dt: Approx Quant Rel: Tank Capacity: Fuels Occur Type:

Occur Type Rpt:

Occur Category:

Any Enviro Impact: Service Intrp:

Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Depth Ground Cover:

Any Health Impact:

Operation Pressure: Equipment Type: Equipment Model:

24"

Order No: 24062502224

Serial No:

Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Pump Flow Rate Cap: Contam. Migrated: Near Body of Water: Drainage System:

Direction/ Elev/Diff Site DΒ Map Key Number of Records Distance (m) (m)

Fuel Type Involved: Fuel Type Reported: **Enforcement Policy:** Sub Surface Contam: Tank Material Type: Tank Storage Type: Tank Location Type:

Prc Escalation Req: Item:

Item Description:

Device Installed Location:

Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type:

Main Distribution Pipeline

Pipeline Involved:

Plastic Pipe Material:

Regulator Location: Regulator Type: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: **Liquid Prop Notes:** Inventory Address:

250 ANCASTER AVENUE, OTTAWA - 1 1/4" PIPELINE HIT

Invent Postal Code: Notes:

Contact Natural Env: Aff Prop Use Water:

Occurence Narrative: Hand pick driven into gas main while excavating in frozen ground. Discussed hydro excavation with office

manager.

Operation Type Involved:

SSW/297.2 63.9 / -0.39 TELECON INC. 101 1 of 1 **EASR**

1136 Richmond RD Ottawa ON K2B 8B0

MOE District:

Municipality:

Latitude:

Longitude:

Geometry X:

Geometry Y:

Approval No: R-004-8112526132 Status: REGISTERED 2020-09-18 Date: Record Type: **EASR**

MOFA Link Source: Project Type:

Waste Management System

Full Address:

Approval Type:

SWP Area Name:

PDF NAICS Code: PDF URL:

PDF Site Location:

EASR-Waste Management System

Rideau Valley

102 1 of 2 NNE/297.9 61.0 / -3.23 Enbridge Gas Distribution Inc.

82 Orvigale Ave.

Ref No: 8267-B2TUGM

Incident Dt:

Year:

2018/07/19

Dt MOE Arvl on Scn:

MOE Reported Dt: 2018/07/19

Dt Document Closed:

Site No: NA MOE Response: No

Site County/District: Site Geo Ref Meth:

Site District Office: Ottawa

Nearest Watercourse:

Site Name: Residential<UNOFFICIAL>

Ottawa ON

Municipality No: Nature of Damage: Discharger Report: Material Group:

2 - Minor Environment Impact to Health:

Ottawa

Ottawa

45.35027778

-75.80138889

Agency Involved:

SPL

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m)

Site Address: 82 Orvigale Ave. Site Region:

Eastern Site Municipality: Ottawa Site Lot:

Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting:

Incident Cause:

Incident Preceding Spill: Leak/Break

Environment Impact: Health Env Consequence: Nature of Impact:

Contaminant Qty: 0 other - see incident description

System Facility Address:

Client Name: Enbridge Gas Distribution Inc.

Client Type: Corporation

Source Type: Pipeline/Components

Contaminant Code:

NATURAL GAS (METHANE) Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1:

1075 Contaminant UN No 1: Receiving Medium: Air

Incident Reason: Operator/Human Error

TSSA FSB: 1/2" plastic IP nat gas line strike to atm., made safe Incident Summary:

Activity Preceding Spill: Property 2nd Watershed: **Property Tertiary Watershed:**

Sector Type: Miscellaneous Industrial

TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill SAC Action Class:

Call Report Locatn Geodata:

102 2 of 2 NNE/297.9 61.0 / -3.23 PIPELINE HIT 1/2"

82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA

Property Damage:

Incident Id: Pipe Material: 2352954 Fuel Category: Incident No: Incident Reported Dt: 7/20/2018 Health Impact: FS-Pipeline Incident Environment Impact:

Type: Status Code: Tank Status: Pipeline Damage Reason Est

Service Interrupt: Task No: Enforce Policy: Spills Action Centre: Public Relation: Pipeline System: Fuel Type:

Fuel Occurrence Tp:

PSIG: Date of Occurrence: Attribute Category: Occurrence Start Dt: Regulator Location: Method Details: Depth:

PIPELINE HIT 1/2" **Customer Acct Name:**

Incident Address: 82 ORVIGALE RD,,OTTAWA,ON,K2B 5A2,CA

Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc:

Damage Reason:

Notes:

PINC

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
103	1 of 2	E/298.3	70.9 / 6.61	A K FUR MANUFACTURING 212 WOODROFFE AVE OTTAWA ON K2A 3V4	SCT		
Established:		1985					
Plant Size (ft ^a Employment		5					
Details Description: SIC/NAICS C		FUR GOODS 2371					
103	2 of 2	E/298.3	70.9 / 6.61	A & C Fur Creations Inc. 212 Woodroffe Ave Ottawa ON K2A 3V4	SCT		
Established: Plant Size (fi Employment	t²):	01-JUN-89					
<u>Details</u> Description: SIC/NAICS C		Fur and Leather Clo 315292	othing Manufacturi	ng			
Description: SIC/NAICS Code:		Other Women's and Girls' Cut and Sew Clothing Manufacturing 315239					
Description: SIC/NAICS Code:		Other Women's and 315239	Other Women's and Girls' Cut and Sew Clothing Manufacturing 315239				
Description: SIC/NAICS Code:		Clothing Accessories and Other Clothing Manufacturing 315990					
Description: SIC/NAICS C		All Other Cut and S 315299	ew Clothing Manu	facturing			

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 Reginstered 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:

 Certificate #:
 9466-74ZR66

 Application Year:
 2007

 Issue Date:
 8/13/2007

Approval Type: Municipal and Private Sewage Works

Approved

Status:

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:

 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 Reginstered Plan No. 204 Ottawa ON

Database: CA

Order No: 24062502224

Certificate #: 3911-7BKMY9

Application Year:2008Issue 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

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

 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:

Database: CA

Order No: 24062502224

Lot 25 & 26, Concession 1 Ottawa ON

Certificate #: 3510-4QHTRG

Application Year: 00
Issue Date: 10/30/00

Approval Type: Municipal & Private water

Status: Approved

Application Type:New Certificate of ApprovalClient 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:

Database:

Lot 25 & 26, Concession 1 Ottawa ON

Certificate #: 6524-4QHTM6
Application Year: 00

 Application Year:
 00

 Issue Date:
 10/30/00

Approval Type: Municipal & Private sewage

Status: Approved

Application Type:New Certificate of ApprovalClient 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 Database:

CA

Order No: 24062502224

Certificate #: 3-0302-85-006

Application Year: 85
Issue Date: 4/22/85

BYRON AVE. OTTAWA ON

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 Database: CA

Certificate #: 3-0159-96Application 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:

 Certificate #:
 3-1320-88

 Application Year:
 88

 Issue Date:
 8/5/1988

Approval Type: Municipal sewage

Status:

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

Approved

Database:

Certificate #: 7-0925-87Application 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.

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: OTTAWA CITY

POOLER AVE. P.S. OTTAWA CITY ON

Certificate #: 3-1879-89Application Year: 89
Issue Date: 9/28/1989
Approval Type: Municipal sewage

Status: Application Type: Client Name: Client Address: Client City: Client Postal Code:

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: OTTAWA CITY

RICHMOND ROAD OTTAWA CITY ON

Certificate #: 3-1088-90-

Database:

Database:

Order No: 24062502224

Approved

90 Application Year: 6/26/1990 Issue Date: Municipal sewage Approval Type: Approved Status:

Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

Application Type:

TEXACO Site:

RICHMOND RD. SERVICE STATION OTTAWA CITY ON

14431

Database:

Year: Incident Dt: 2/2/1989

Dt MOE Arvl on Scn:

MOE Reported Dt: 2/2/1989

Dt Document Closed:

Site No:

Ref 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

OTHER CAUSE (N.O.S.)

NOT ANTICIPATED

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 Freg 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:

Order No: 24062502224

erisinfo.com | Environmental Risk Information Services

200

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:

Date Received:08/04/1989Selected Flag:TRUE

Abandonment Rec:

Contractor: 3644
Form Version: 1

Owner:

County: OTTAWA-CARLETON

18

Order No: 24062502224

Lot: 02

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:

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

East83: North83:

Elevation:

Elevrc:

Zone:

North83: Org CS:

UTMRC: 9
UTMRC Desc: unknown UTM

Location Method: na

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

<u>Use</u>

Method Construction ID: 961523747

Method Construction Code:

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: 14.0
Levels UOM: 15.0

Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY

Pumping Test Method:1Pumping Duration HR:1Pumping 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:

rovincial

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

Order No: 24062502224

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

<u>Chemical Register:</u> 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

Order No: 24062502224

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

<u>Drill Hole Database:</u> 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

FCA

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

Order No: 24062502224

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

Il Resources by Order-In-Council (C

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 ERIS 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

ECS.

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

Order No: 24062502224

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 CO2 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

NC

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 in 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

Order No: 24062502224

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

Order No: 24062502224

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

JFFS.

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.

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

Order No: 24062502224

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

<u>Canadian Pulp and Paper:</u>
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. Perand 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 in 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

Order No: 24062502224

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 SPI

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 (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

CFT

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

Order No: 24062502224

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

Order No: 24062502224

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

<u>Database Descriptions:</u> This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

<u>Detail Report</u>: 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.

<u>Distance:</u> The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

<u>Direction</u>: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

<u>Elevation:</u> 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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.

Order No: 24062502224

APPENDIX VI GOVERNMENT AND REGULATORY INFORMATION







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

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 Approval¹
- 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.

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.

¹ 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 Approval¹
- 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.

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.

¹ 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.

Project number

CO972

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

Description of the habitat: NA

Species at Risk with potential to occur within the Site (Highlighted).

Common Name	Scientific Name	SARO Status ¹	Habitat type	Candidate Habitat Present Within Site?	Rationals	References	
American Ginseng	Panax quinquefolius	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 (Panax quinquefolius) 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 (Panax quinquefolius) in Canada (Environment Canada 2018).	
Butternut	Juglans cinerea	END	General		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 (Jugians cinerea) 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 (Jugians cinerea) in Canada (Environment Canada 2010).	
Eastern Prairie Fringed-orchid	Platanthera leucophaea	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 (Platanthera leucophaea) in Ontario. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. vi + 30 pp.	
American Eel	Anguilla rostrata	END	General		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 (Anguilla rostrata) in Ontario. Ontario Recovery Strategy Series. Prepared for Ontario Ministry of Natural Resources, Peterborough, Ontario. x + 119 pp.	



Common Name	Scientific Name	SARO Status ¹	Habitat type	Candidate Habitat Present Within Site?	Rationals	References	
Blanding's Turtle	Emydoidea blandingii	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 (Emydoidea blandingii) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. iv. 46 pp. + Appendix. Adoption of the Recovery Strategy for Blanding's Turtle (Emydoidea blandingii), Great Lakes / St. Lawrence population, in Canada (Environment and Climate Change Canada 2018).	
Chimney Swift	Chaetura pelagica	THR	General (Guided)	No. The site ad 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 (Chaetura Pelagica).	
Least Bittern	lxobrychus exilis	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 (Ixobrychus exilis) in Ontario. Ontario Recovery Strategy Series. Prepared by the Ontario Ministry of Natural Resources and Forestry, Peterborough, Ontario. v + 5 pp. + Appendix.	
Bobolink	Dolichonyx oryzivorus	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	Sturnella magna	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: https://www.ontario.ca/page/species-risk-ontario.	

SARO Status Legend

END Endangered - the species lives in the wild in Ontario but is facing imminent extinction or extirpation

THR Threatened - the species lives in the wild in Ontario, is not endangered, but is likely to become endangered if steps are not take to address factors threatening it

Not Listed The SARO list (i.e., Ontario Regulation 230/08) does not include the species.

Resources chacked:

Species at risk in Ontario. MECP https://www.ontario.ca/page/species-risk-ontario

Natural Heritage Information Centre (NHI https://www.lioapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&locale=en-CA

Ontario Reptile & Amphibian Atlas (ORAA Ontario Reptile and Amphibian Atlas, available at https://www.ontarioinsects.org/herp/Ontario Breeding Bird Atlas (OBBA)

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

Rare Species of Ontario. NHIC. https://inaturalist.ca/projects/nhic-rare-species-of-ontario

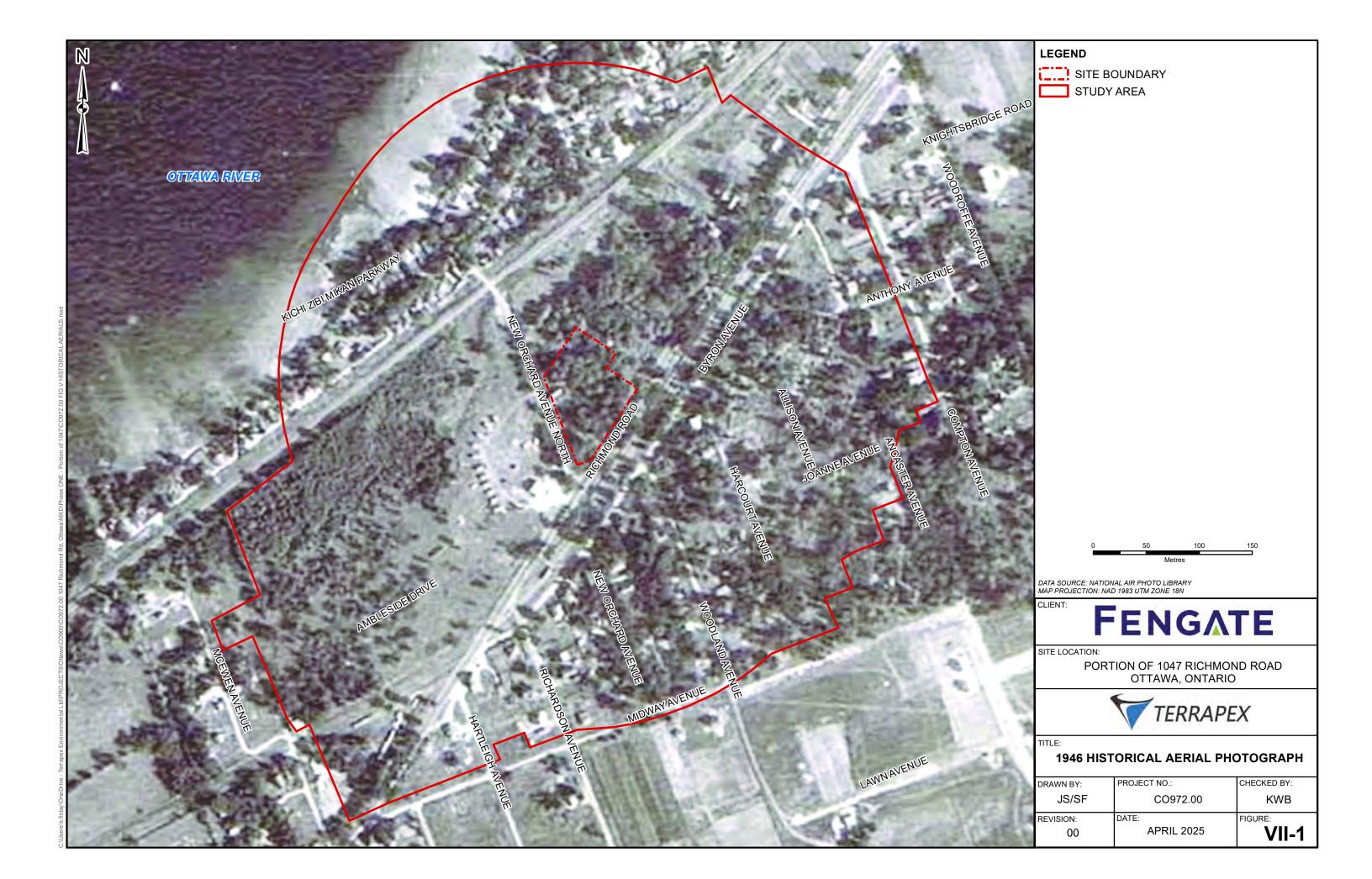
Ontario Butterfly Atlas Online (OBAO) https://www.ontarioinsects.org/atlas

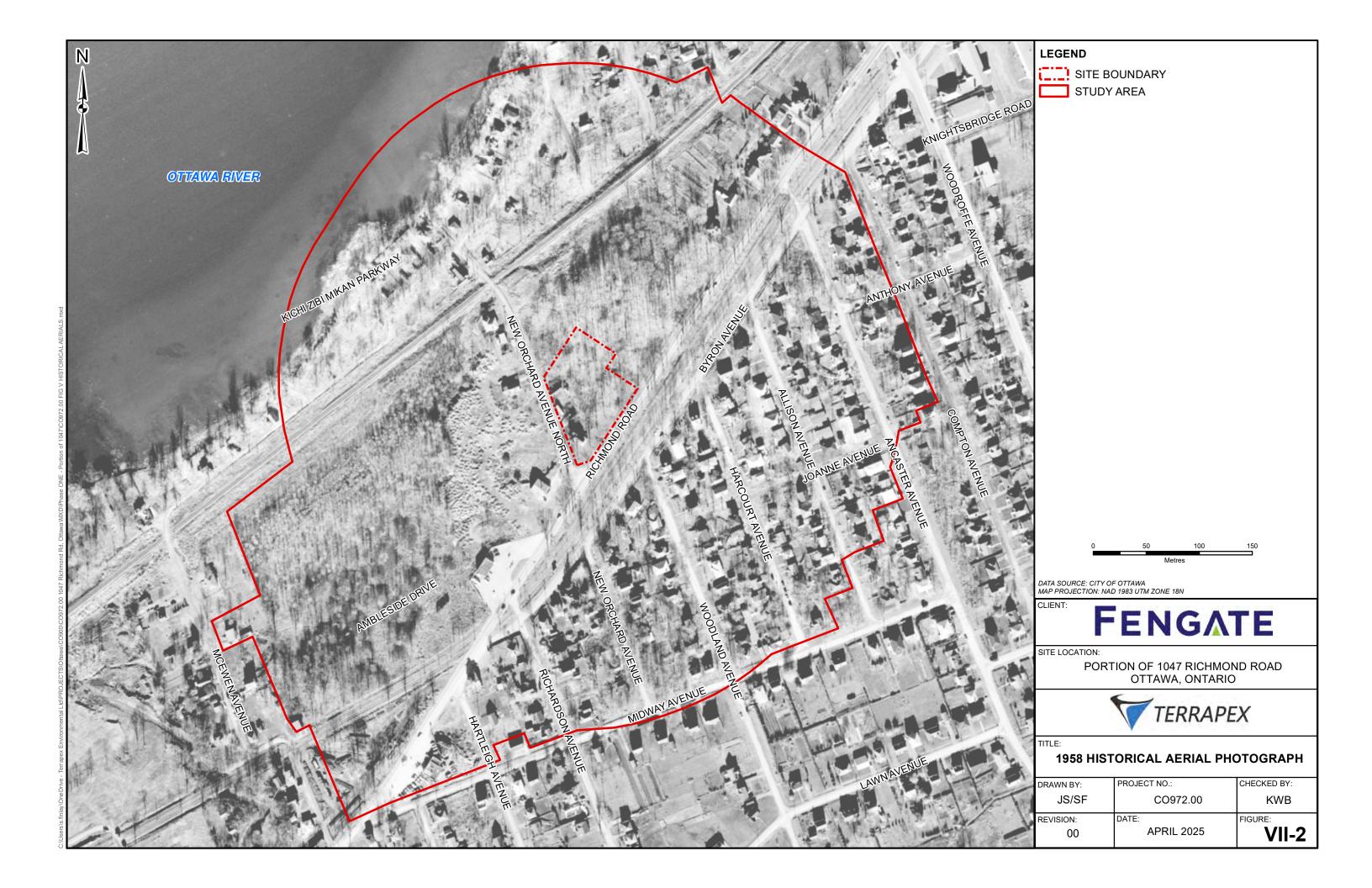
Fisheries and Oceans Canada (DFO) https://www.dfo-mpo.gc.ca/species-especes/sara-lep/map-carte/index-eng.html

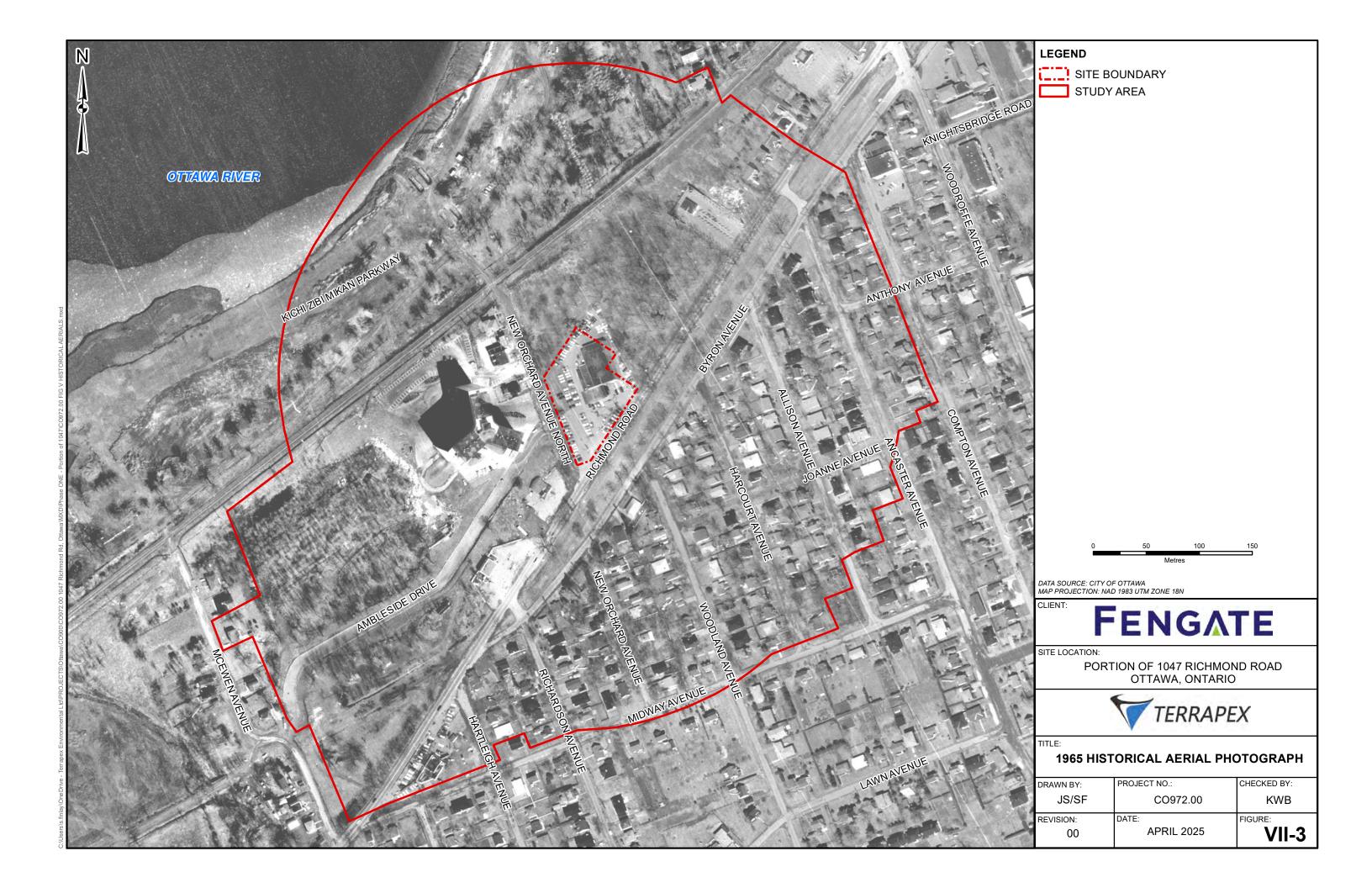


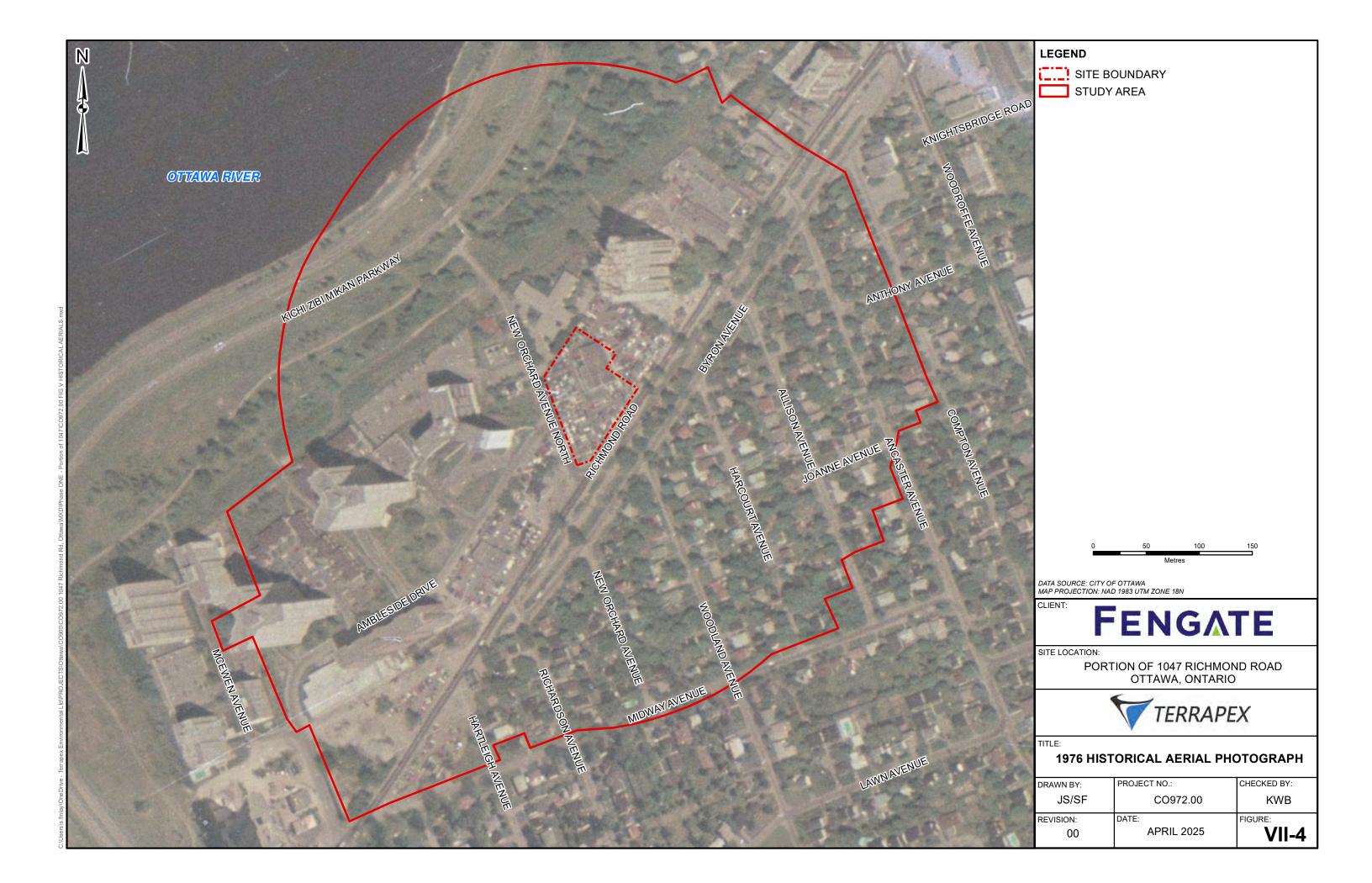
APPENDIX VII AERIAL PHOTOGRAPHS

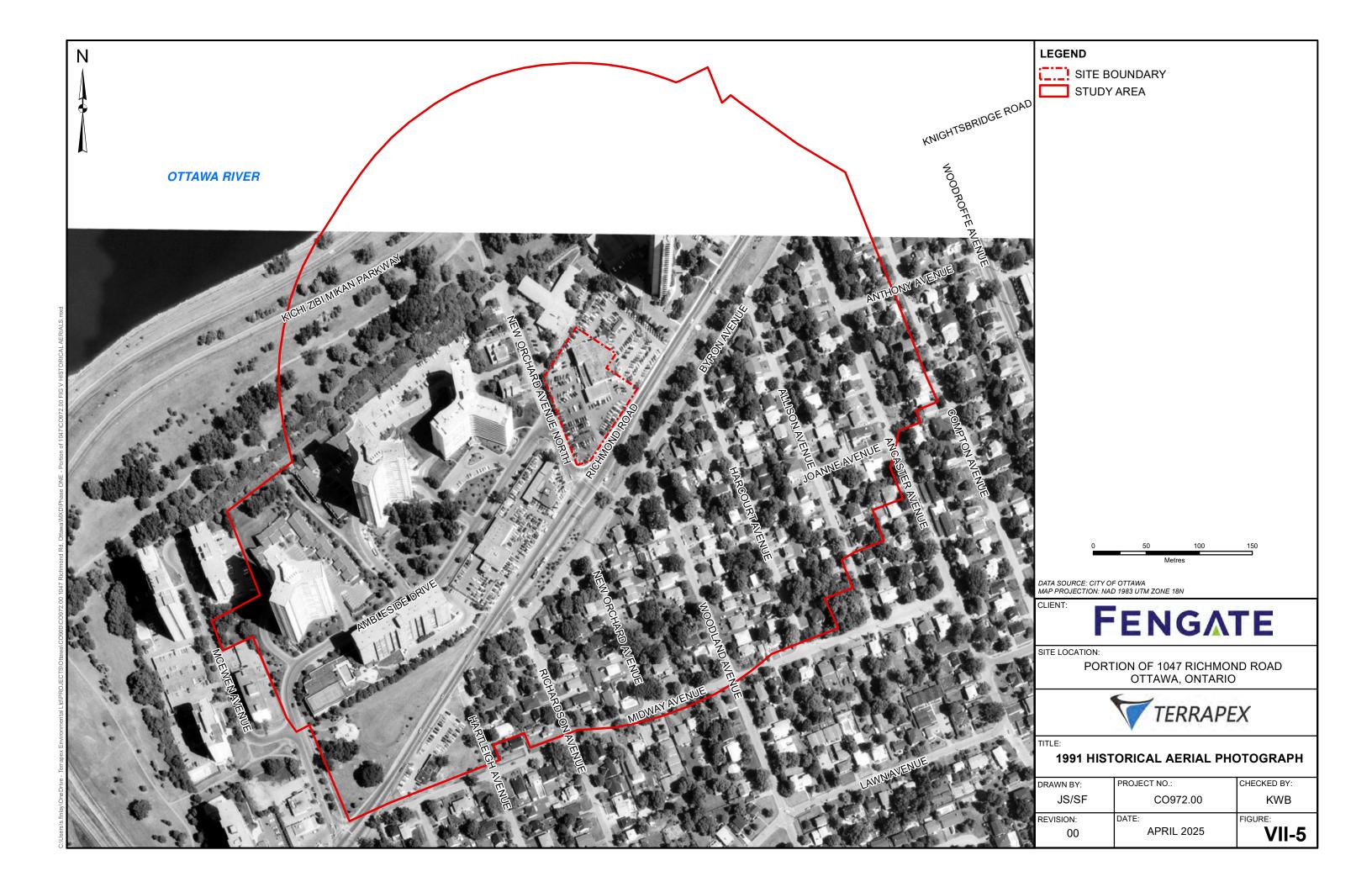


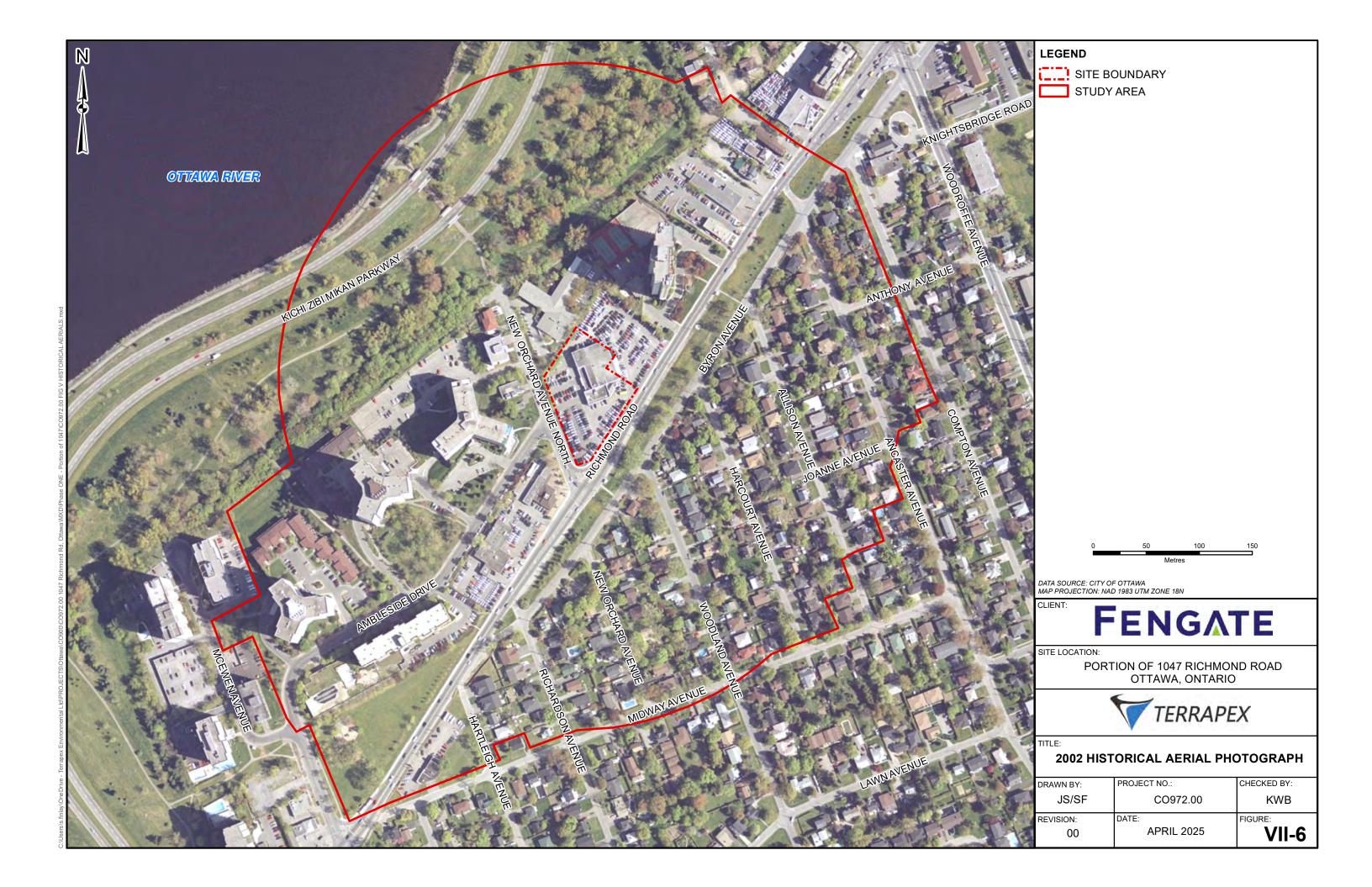


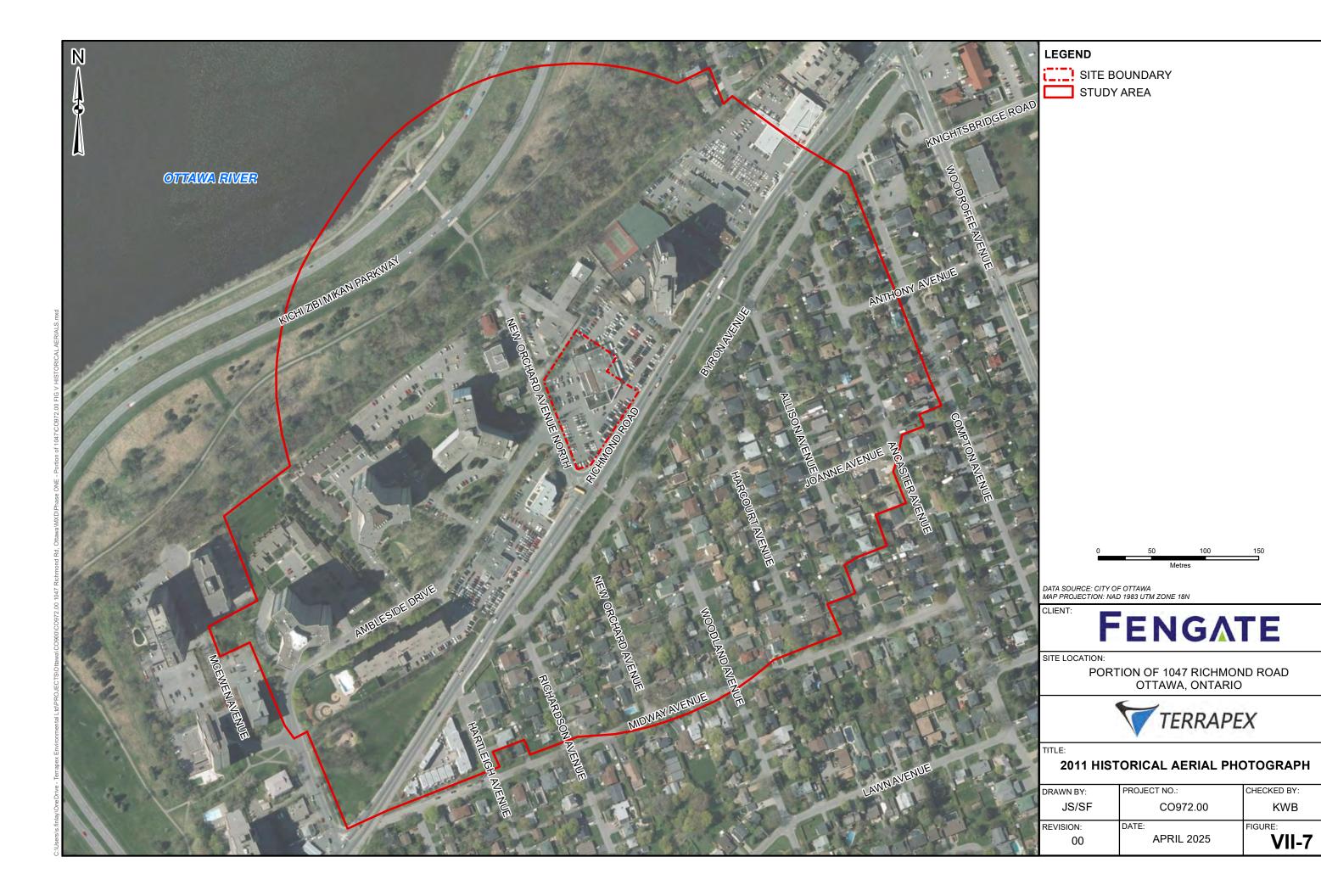


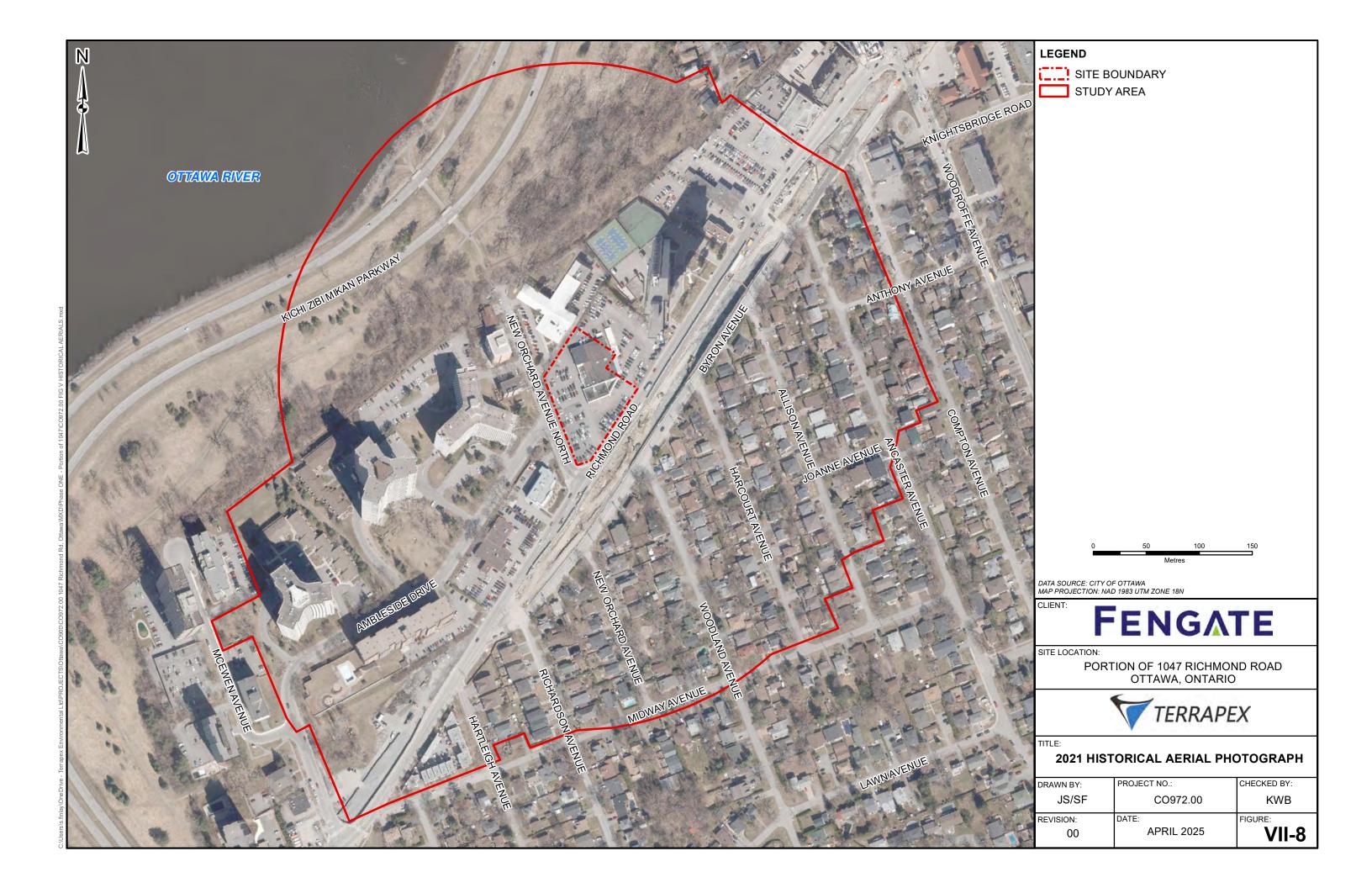


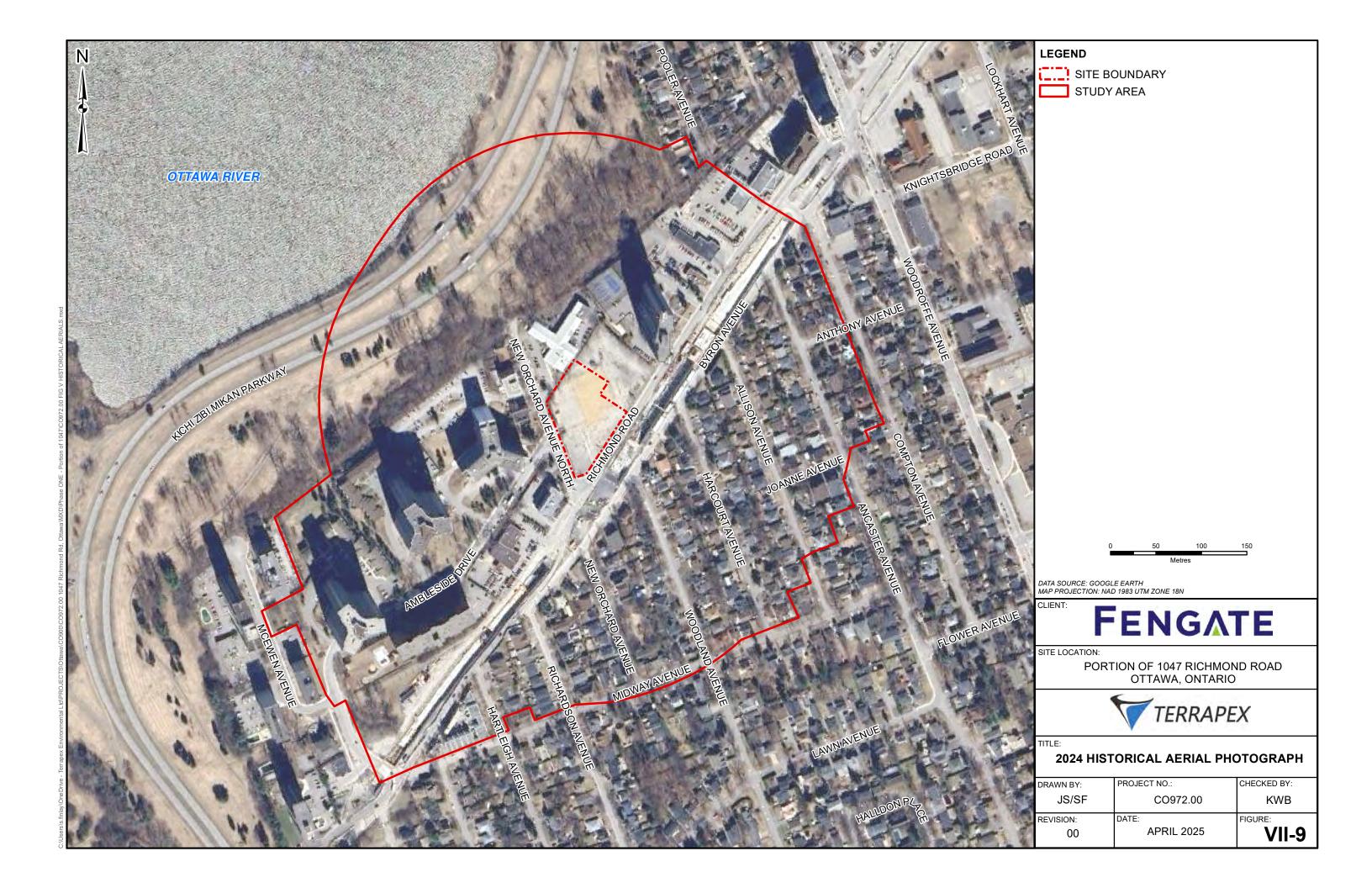






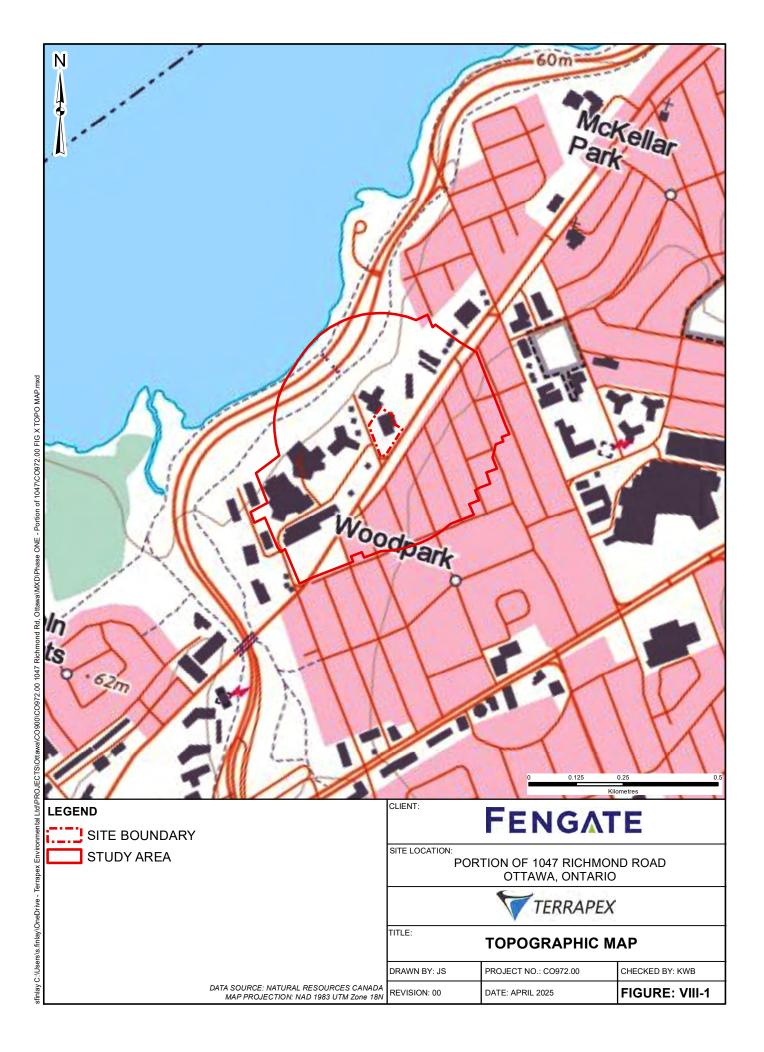






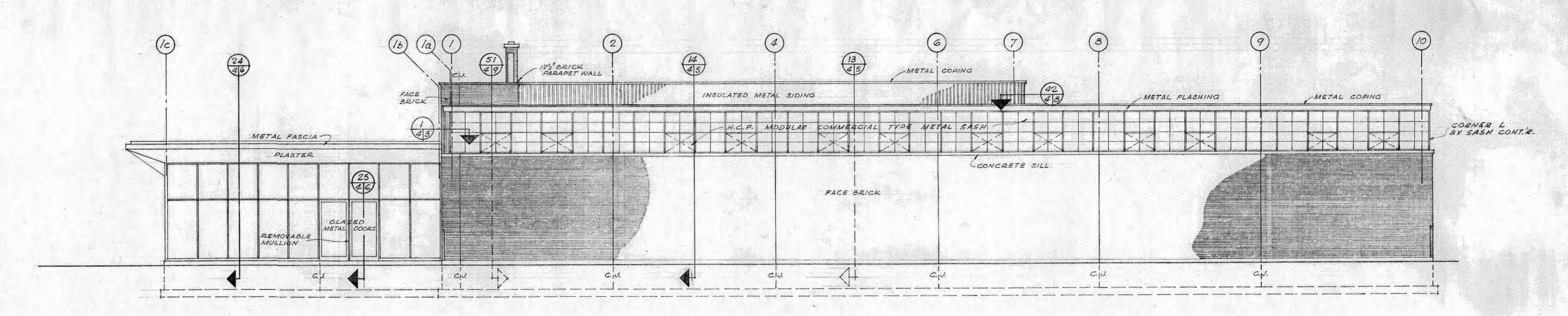
APPENDIX VIII TOPOGRAPHIC MAPS



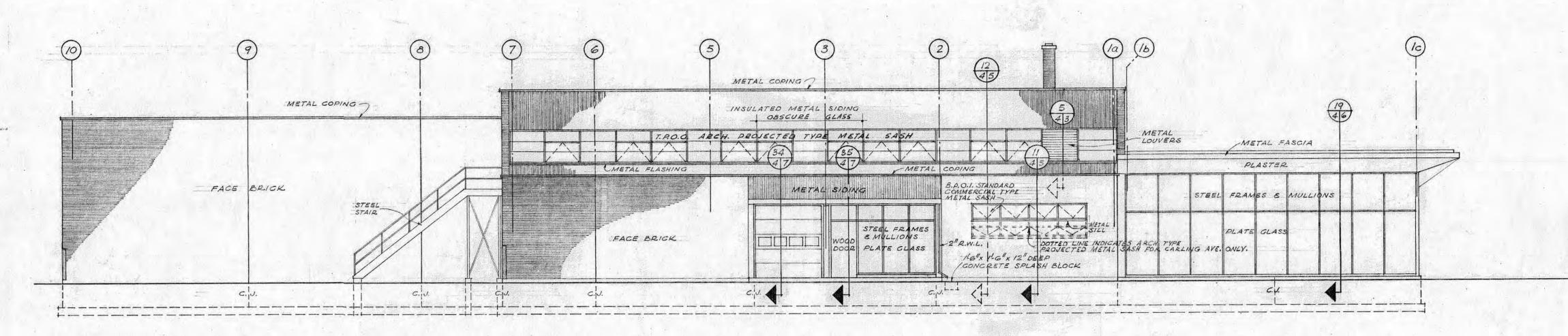


APPENDIX IX CLIENT FILES



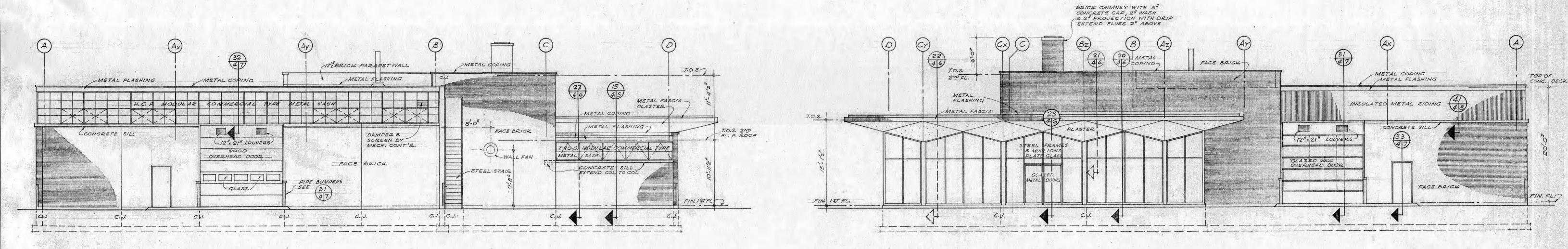


RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION

SCALE 6"=1-0"



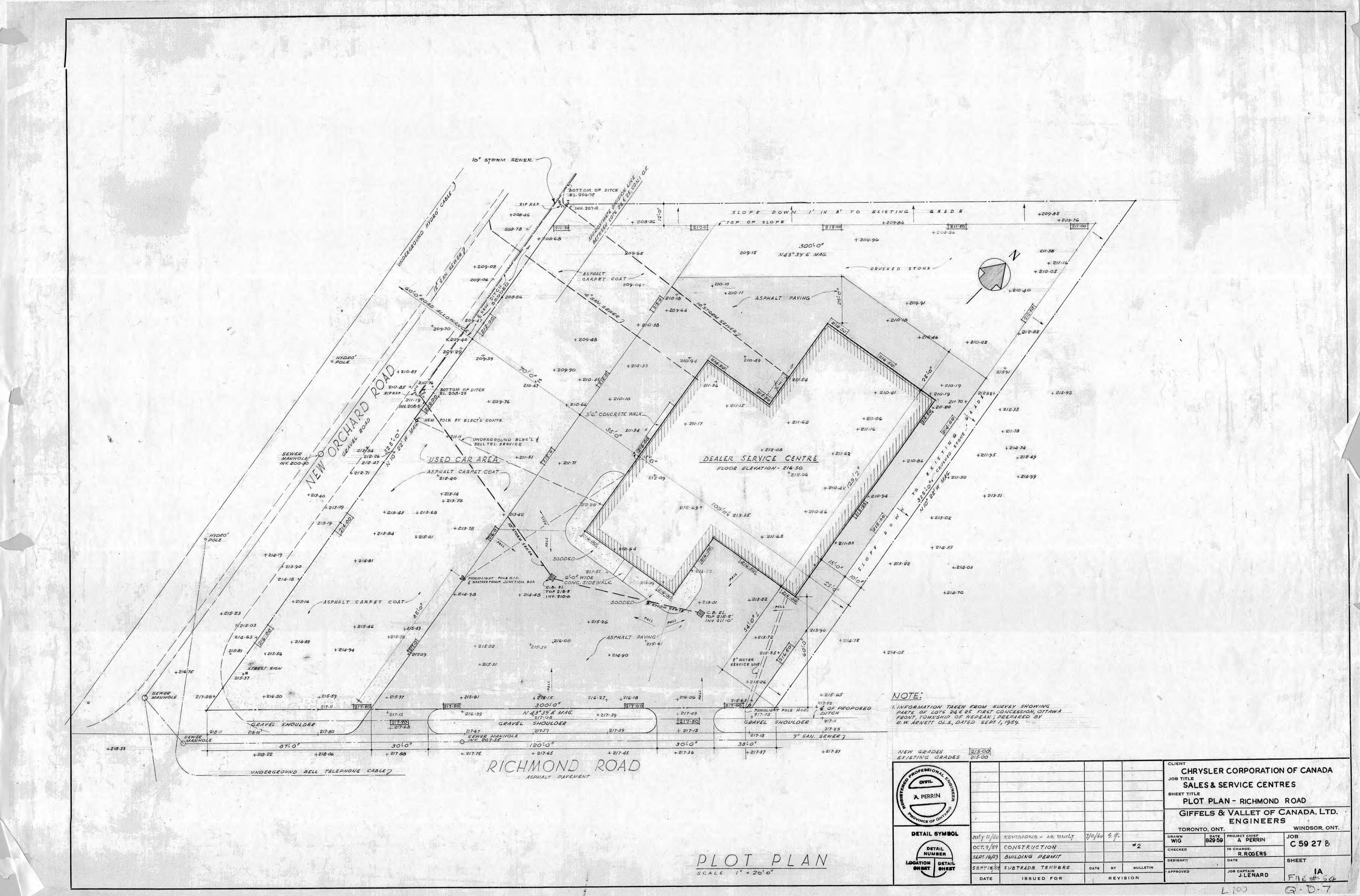
REAR ELEVATION

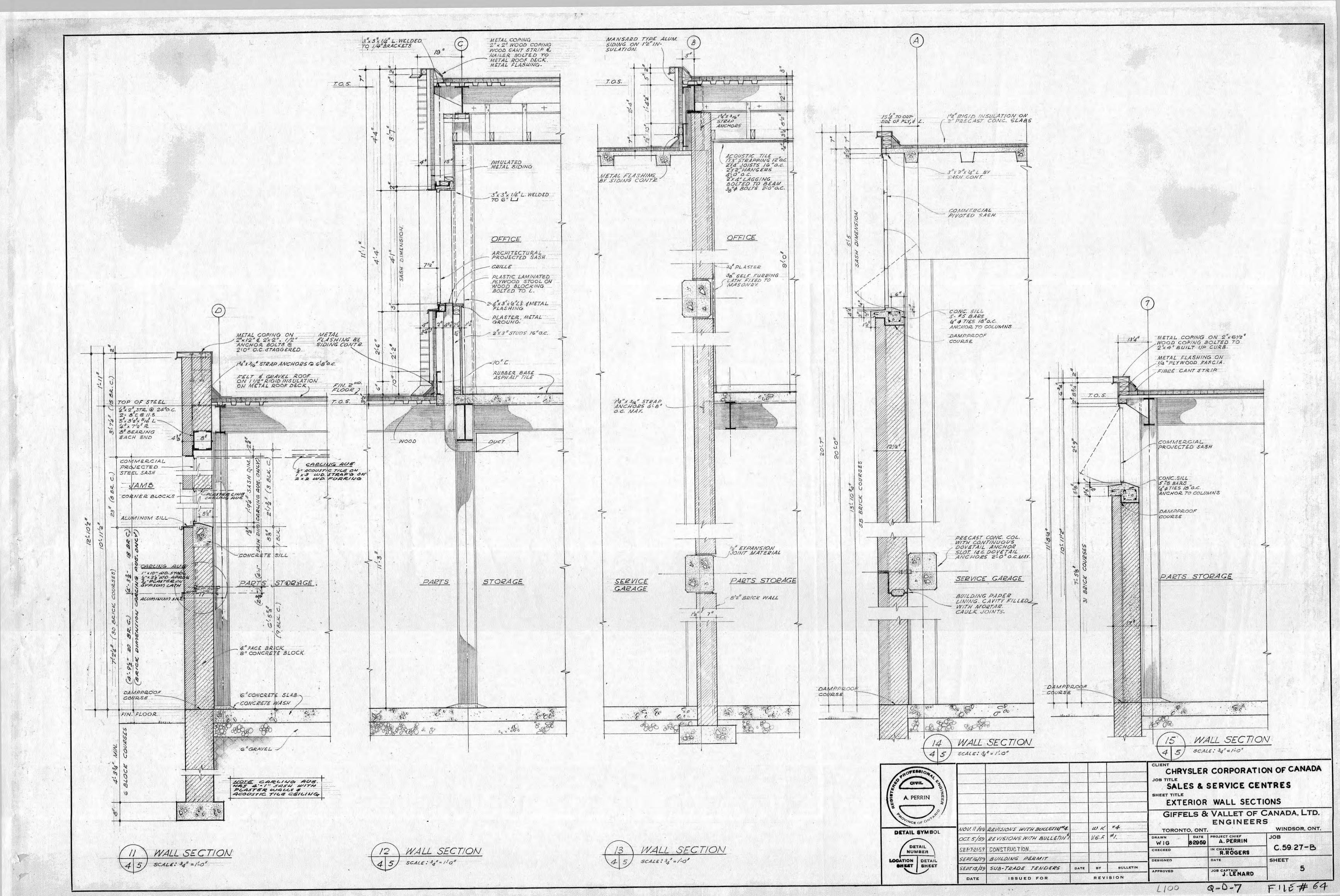
SCALE 18" = 11-0"

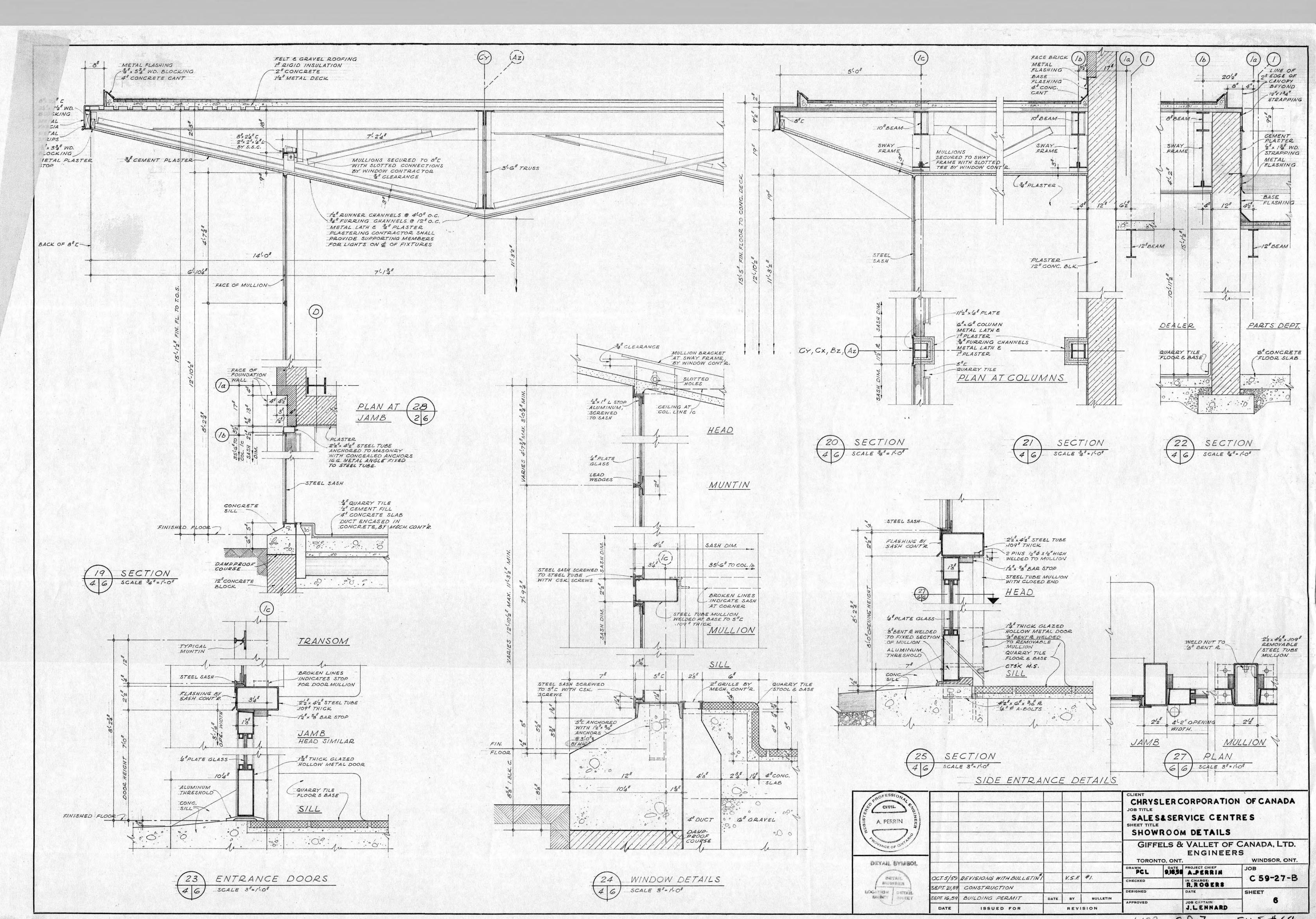
FRONT ELEVATION

SCALE 18" = 120"

A PERRIN A						CHRYSLER CORPORATION JOB TITLE SALES & SERVICE CENTERS SHEET TITLE ELEVATIONS				
ARONINGE OF ONT AND			11/25/59	JL	#5	GIFF	GIFFELS & VALLET OF CANADA, LT			
CR OF 9	NOV. 11/59	REVISION WITH BULLETIN #4.		W.1.G	#4.	ENGINEERS TORONTO, ONT. WINDSOR,				
DETAIL SYMBOL	OCT.5/59	REVISIONS WITH BULLETIN"		V.S.F.	#/.	DRAWN P C'L	DATE	PROJECT CHIEF	JOB	
DETAIL	SEPT 21-59	CONSTRUCTION				CHECKED	IECKED IN CHARGE:		С-59-27-В	
NUMBER	SEPT 16/59	BUILDING PERMIT				DESIGNED		R. ROGER S		
SOATION DETAIL SHEET SHEET	SEPT 15/59	SUB TRADE TENDERS	DATE	'BY	BULLETIN				4	
	DATE	ISSUED FOR	REVISION		ISION	APPROVED .		JOB CAPTAIN J. LENARD	F118#64	
								/ 100	9-D-7	

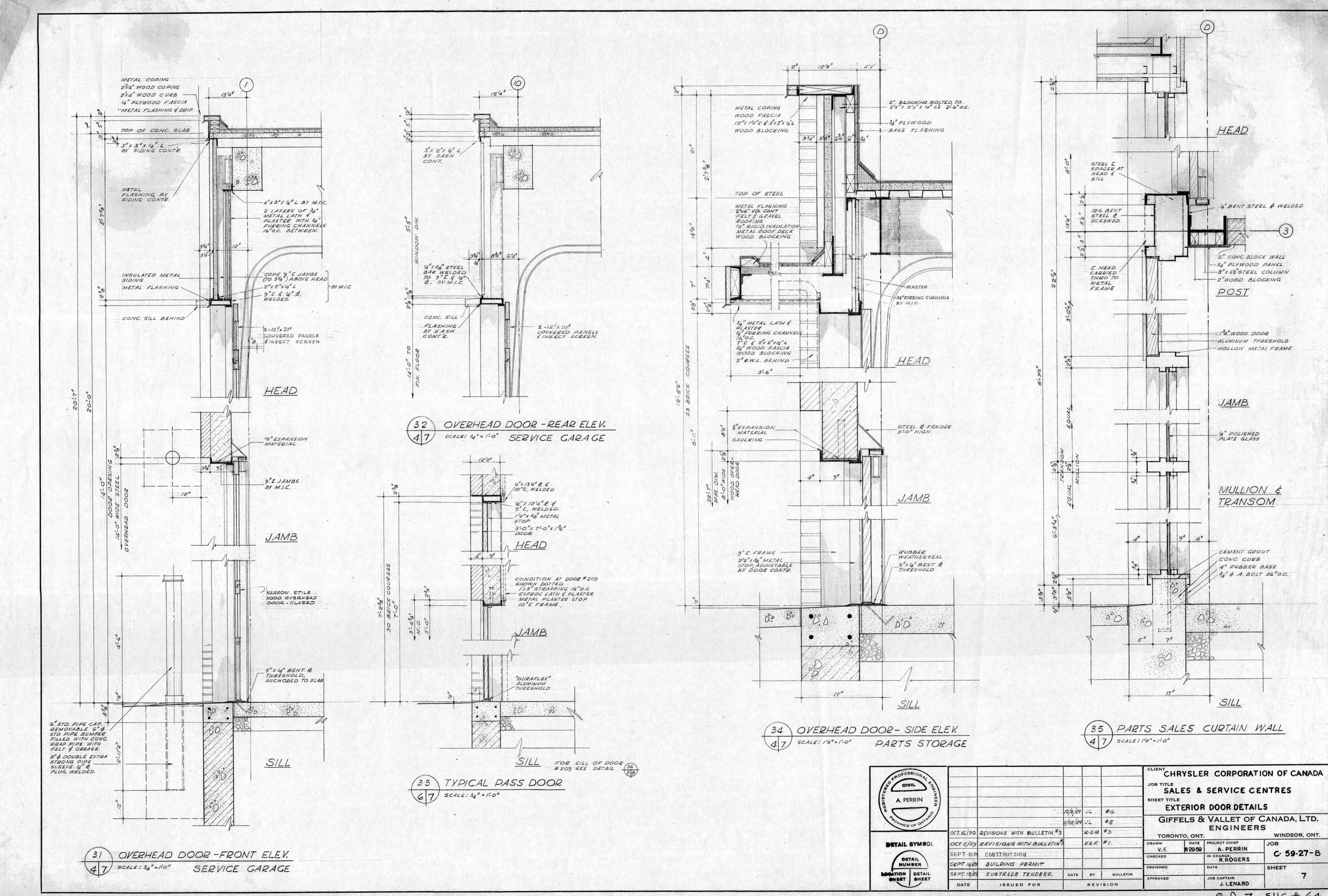




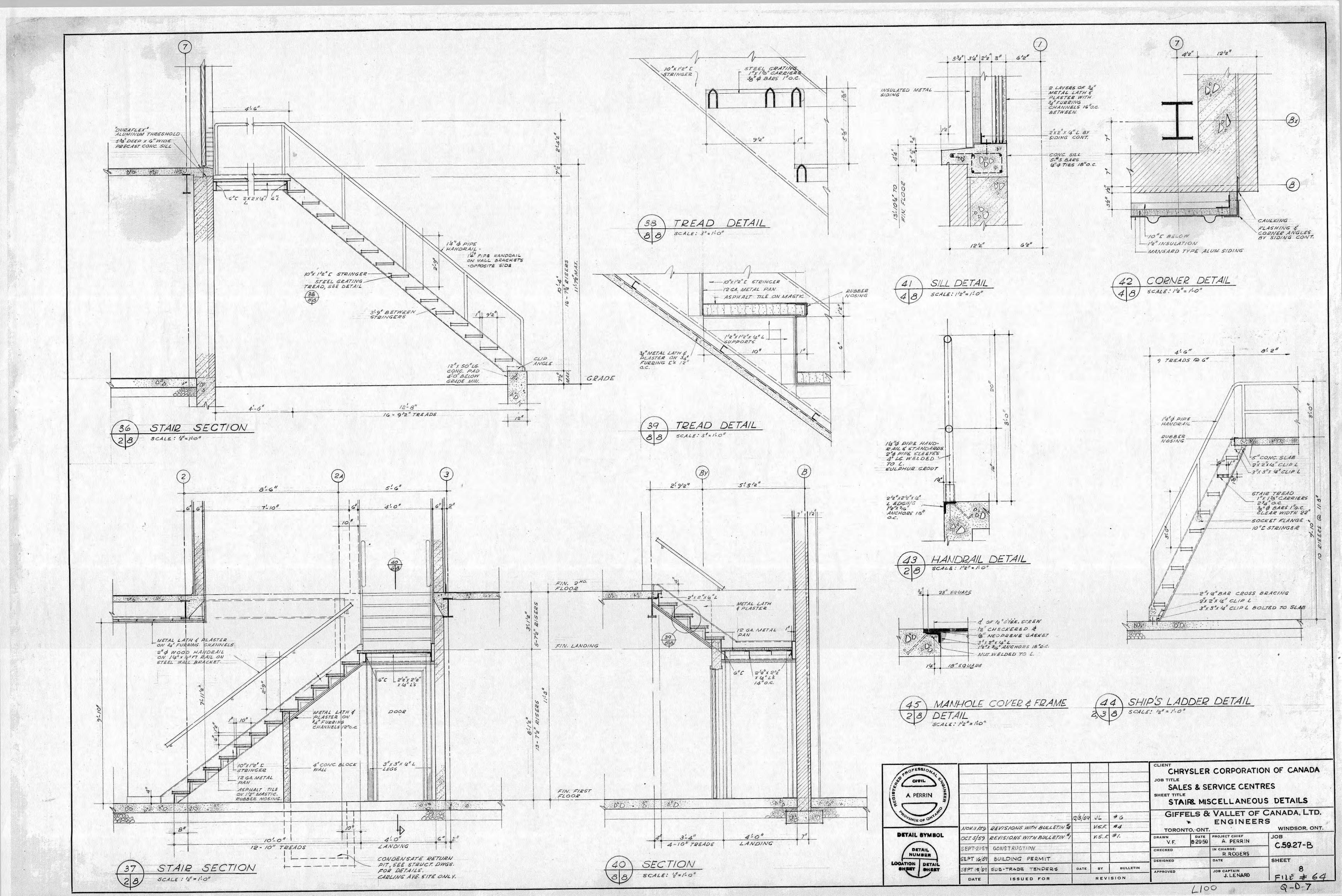


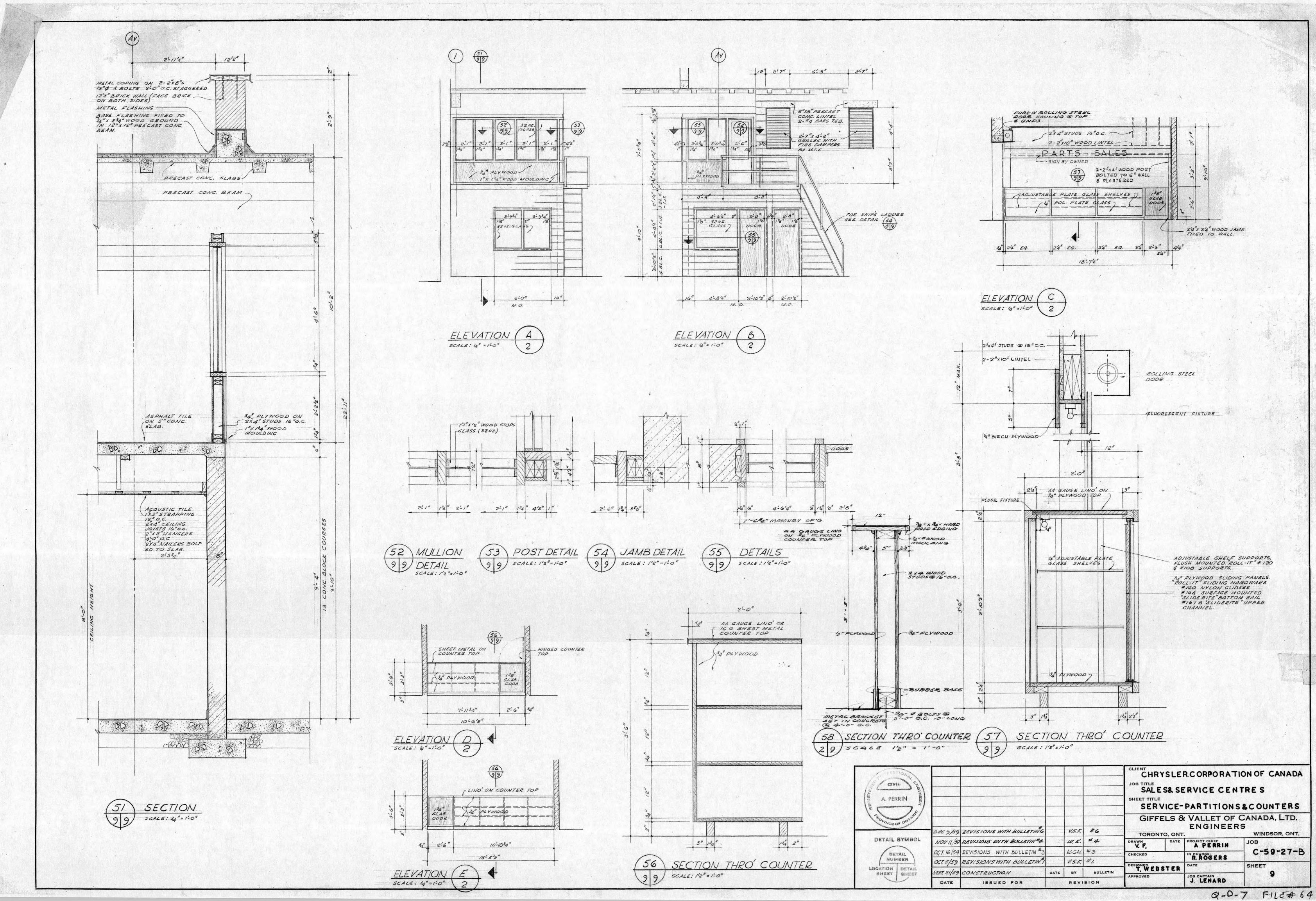
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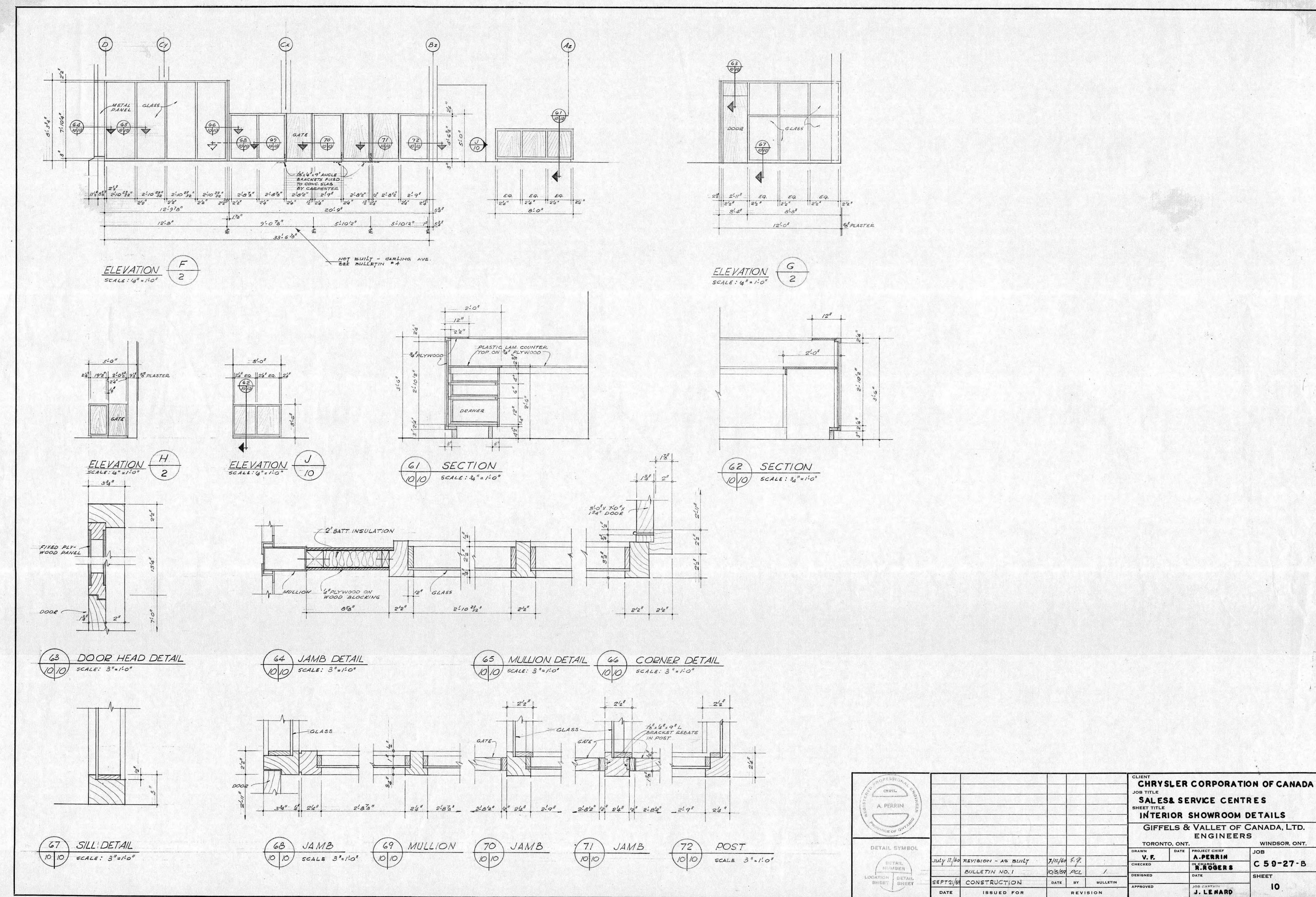
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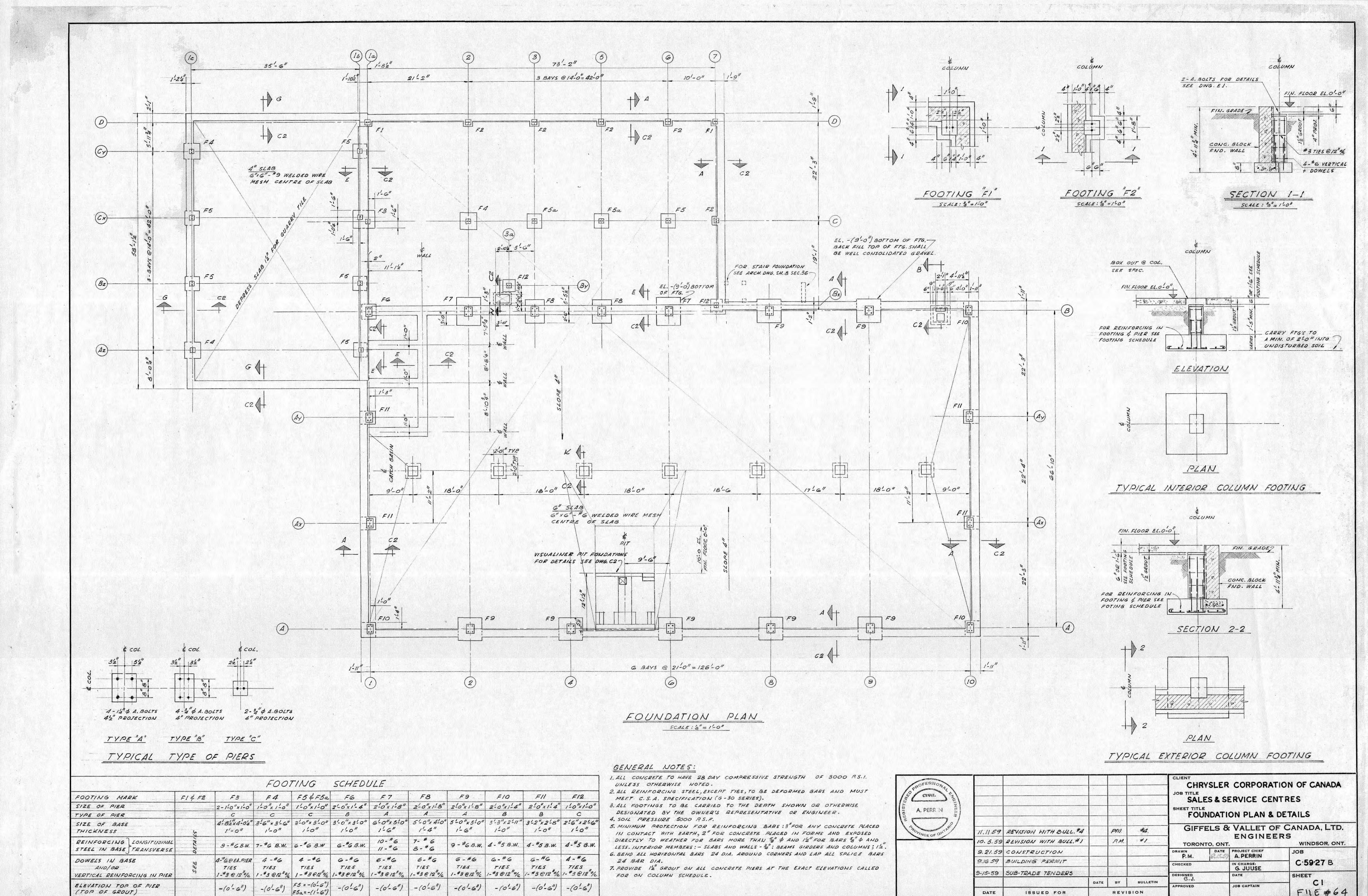
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FILE#64 9-0-7



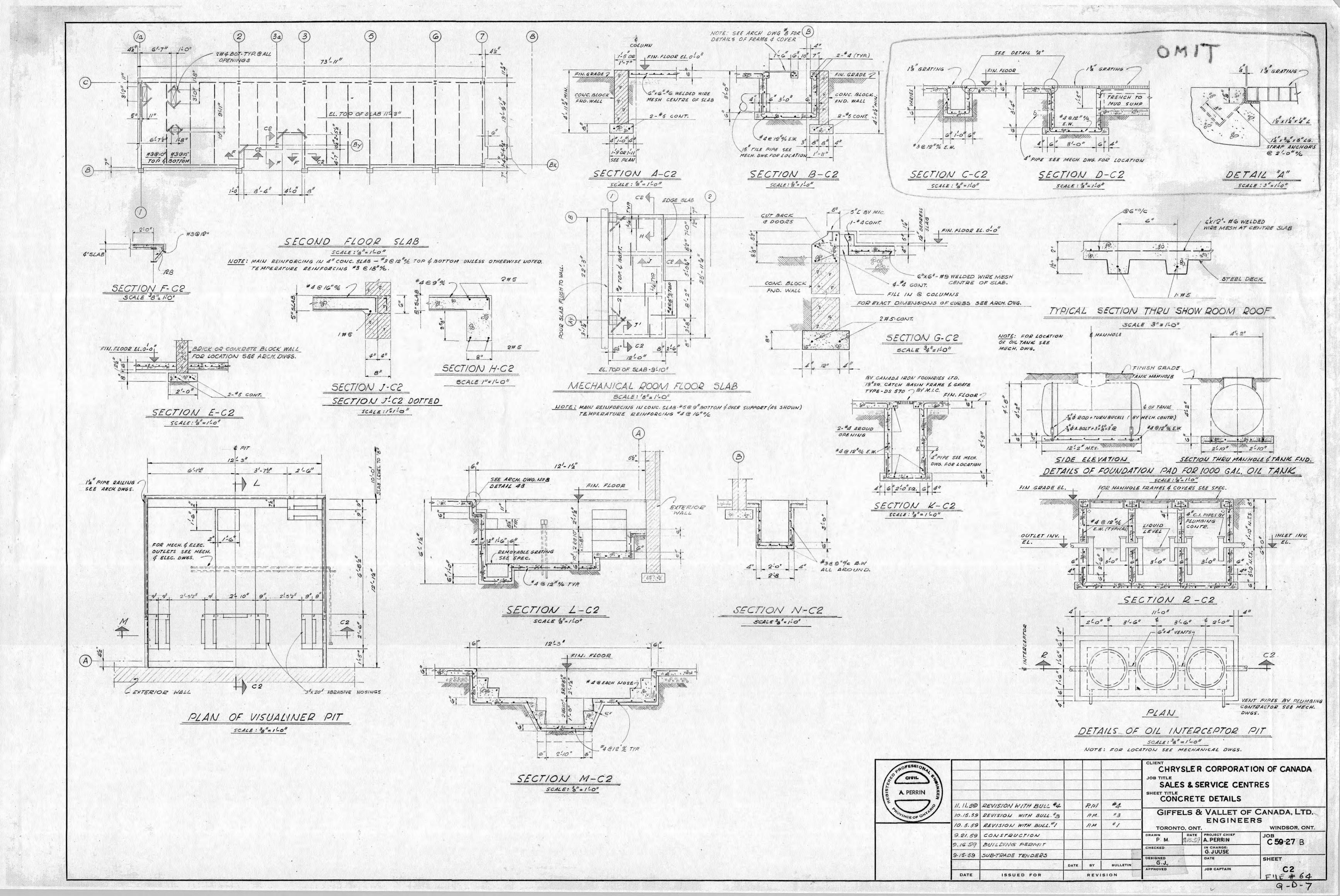
(TOP OF GROUT)

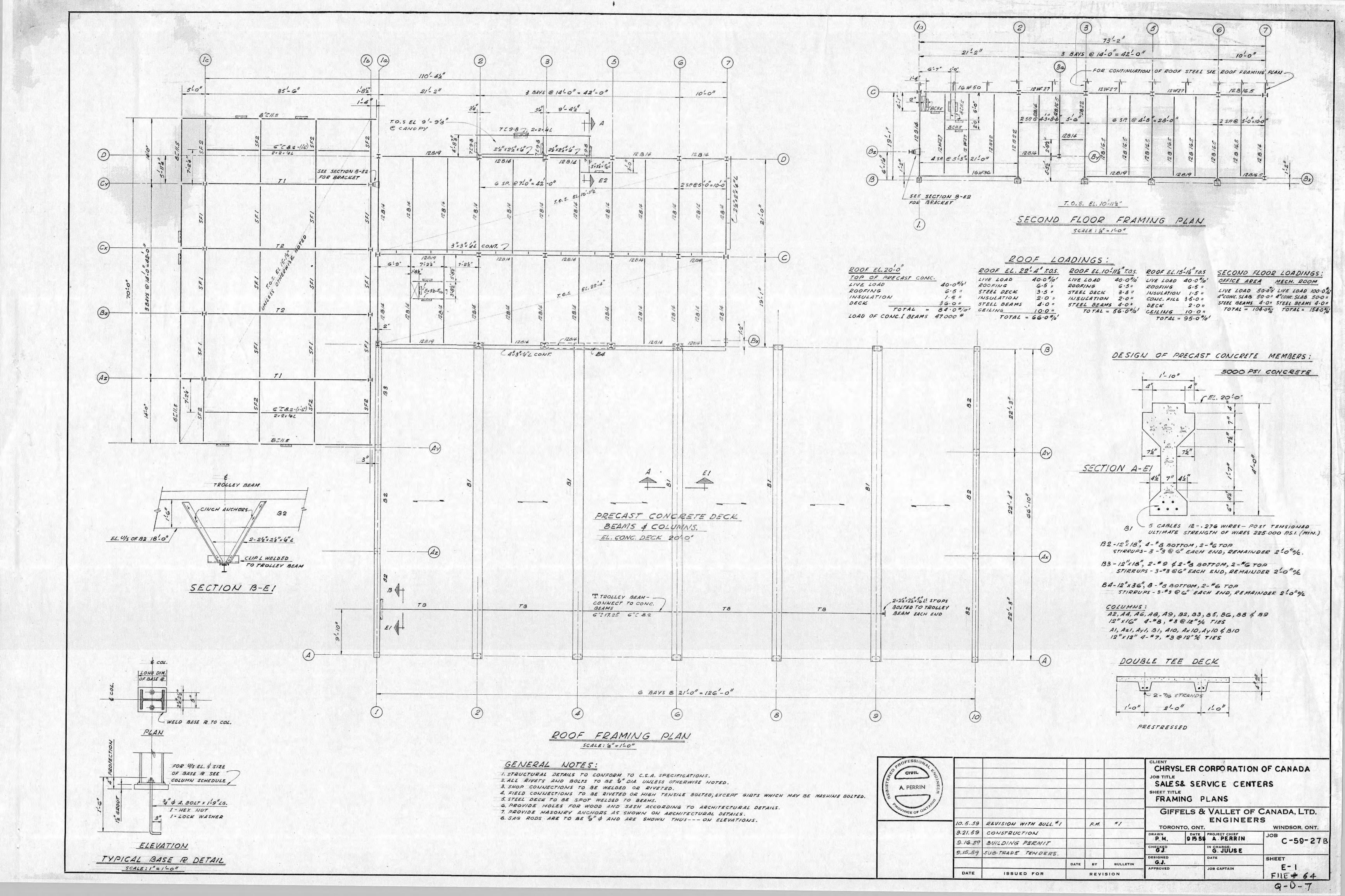
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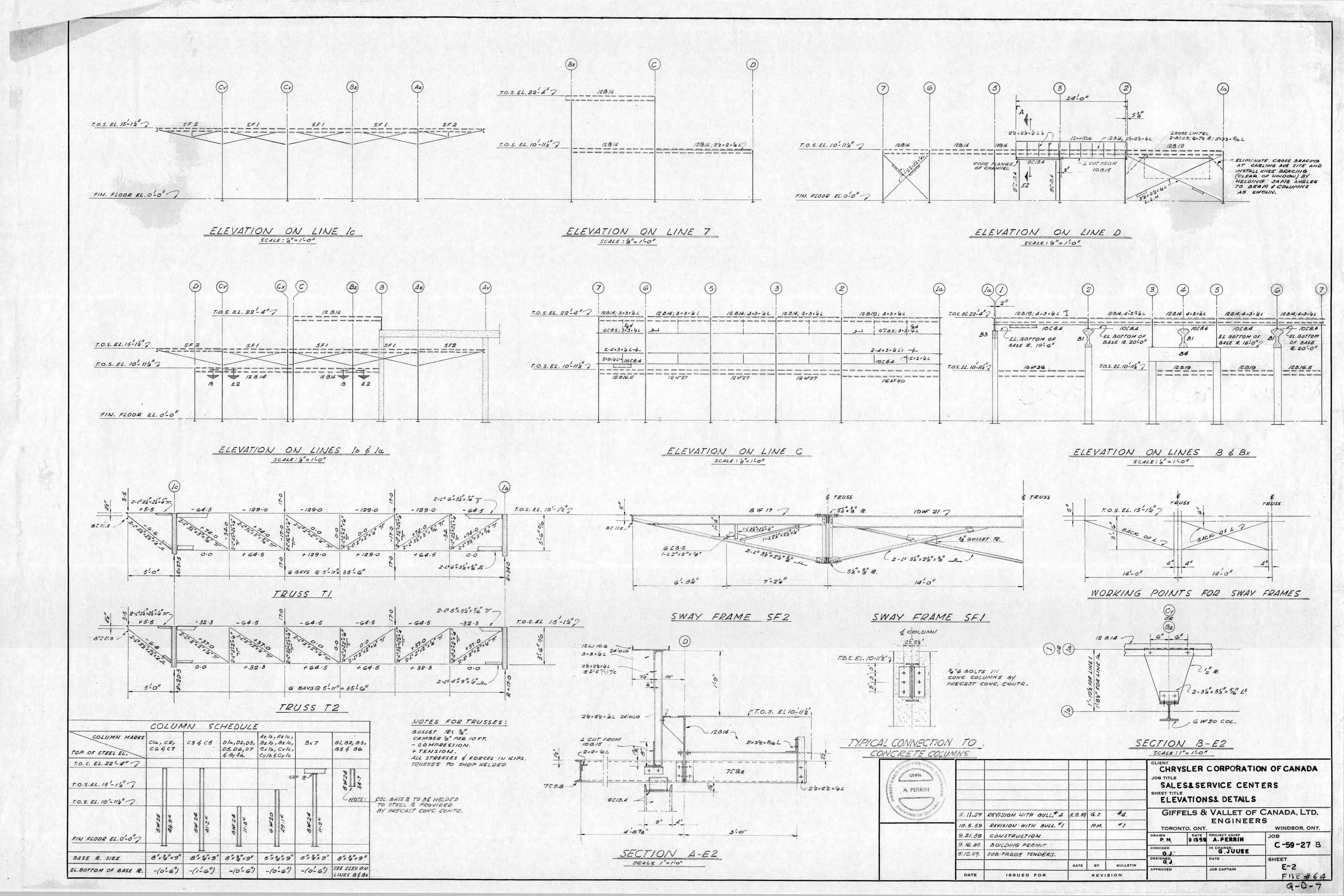
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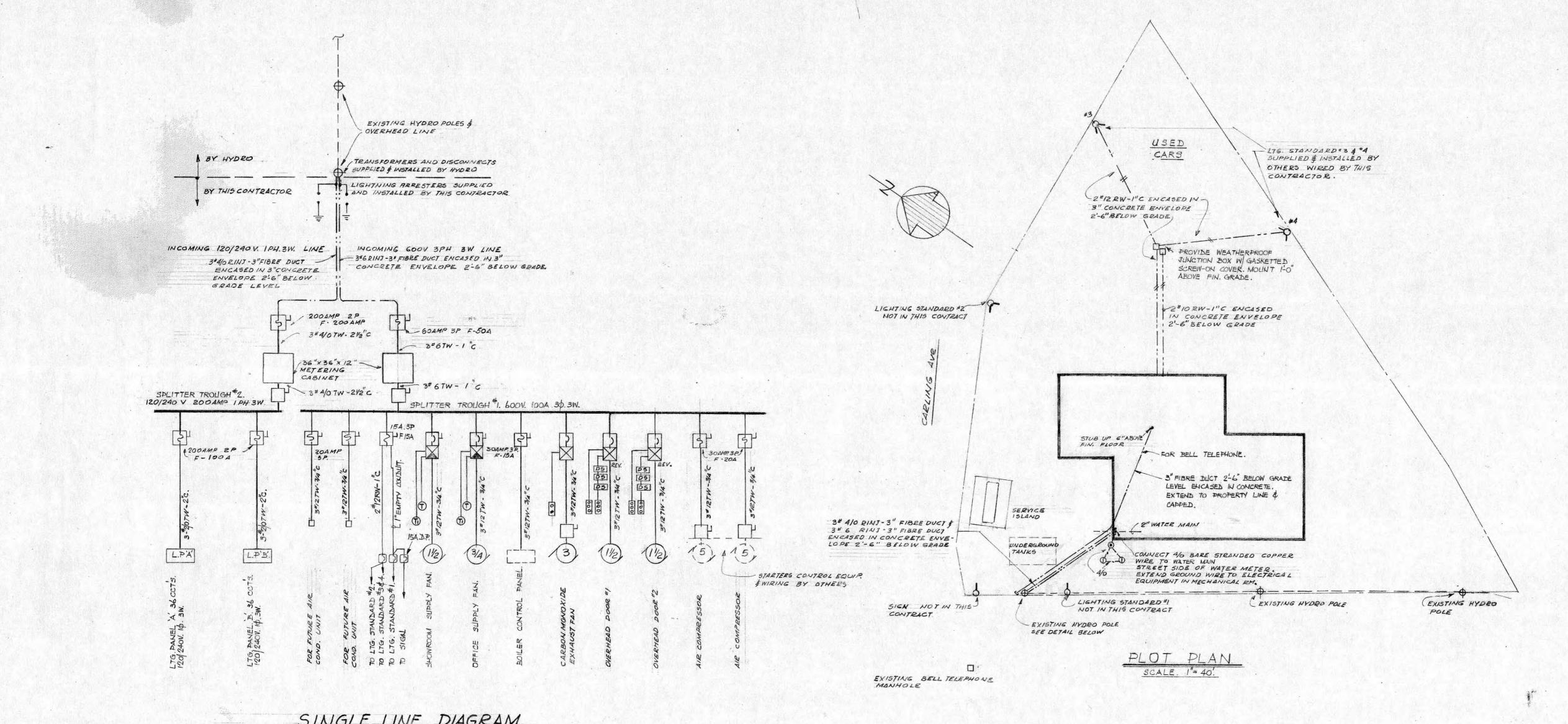
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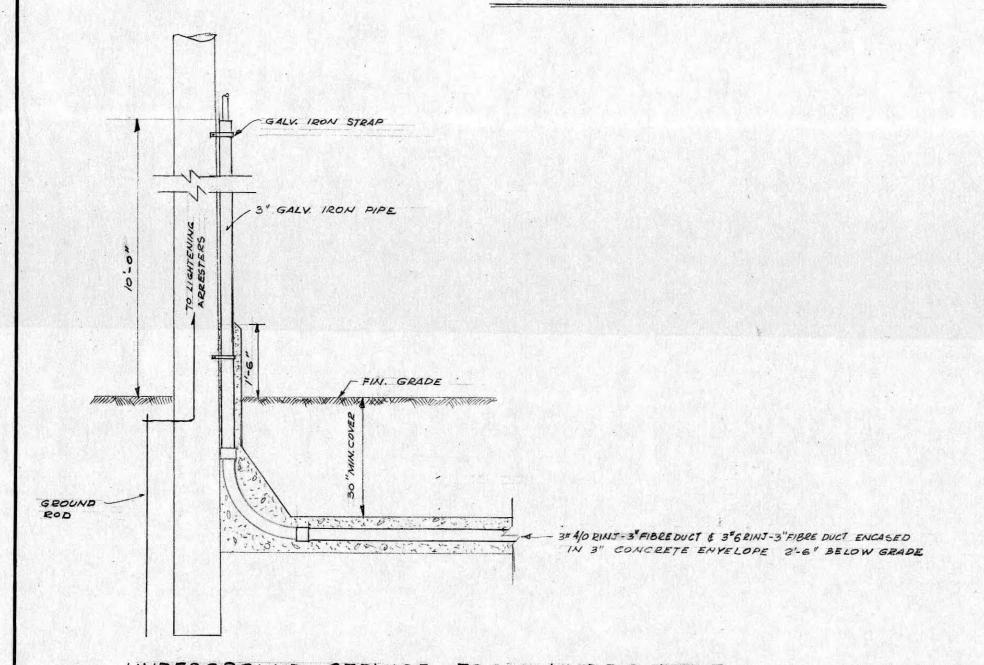








SINGLE LINE DIAGRAM



UNDERGROUND SERVICE FROM HYDRO POLE

and the said to be a said to be a said to be

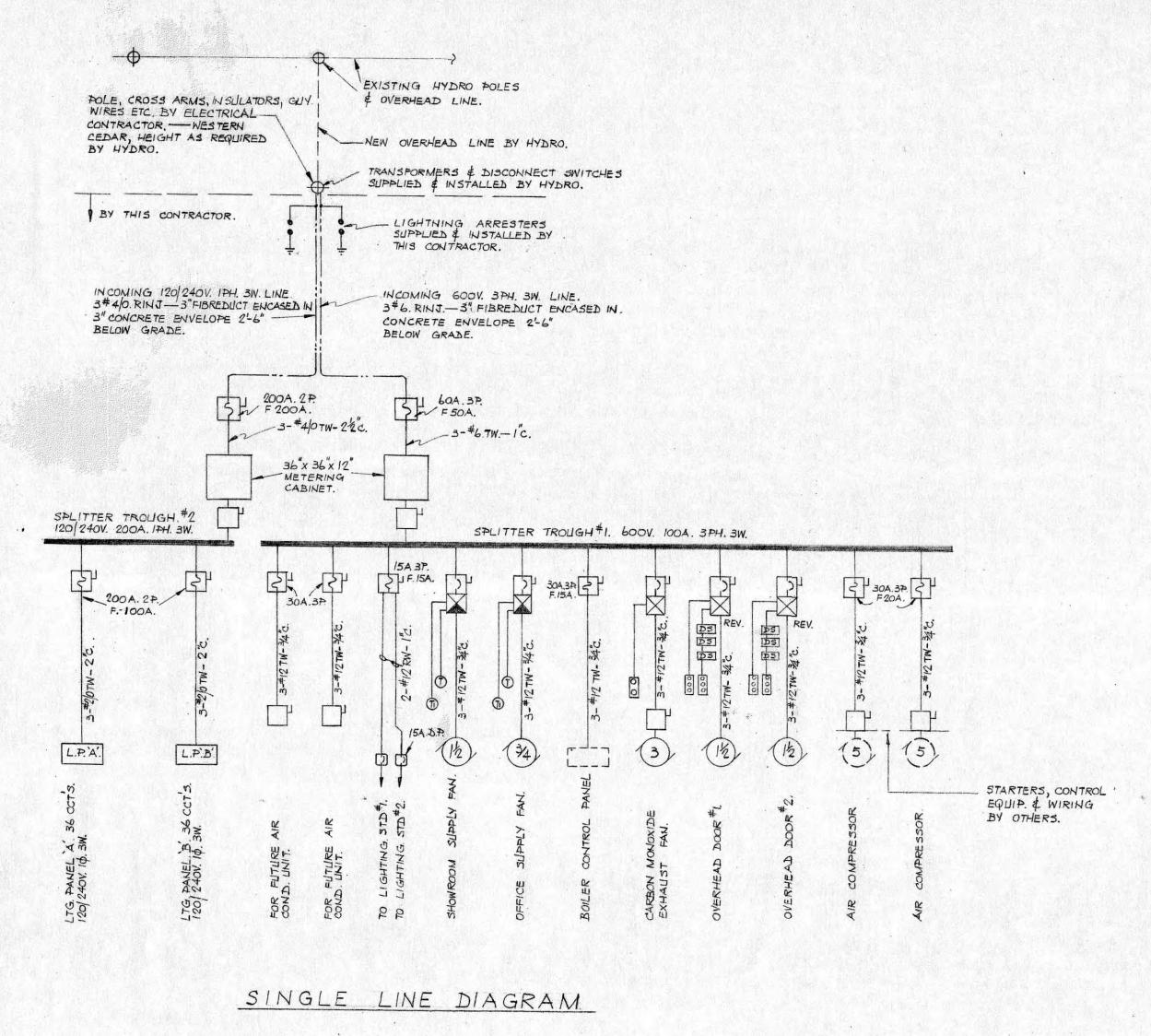
LEGEND

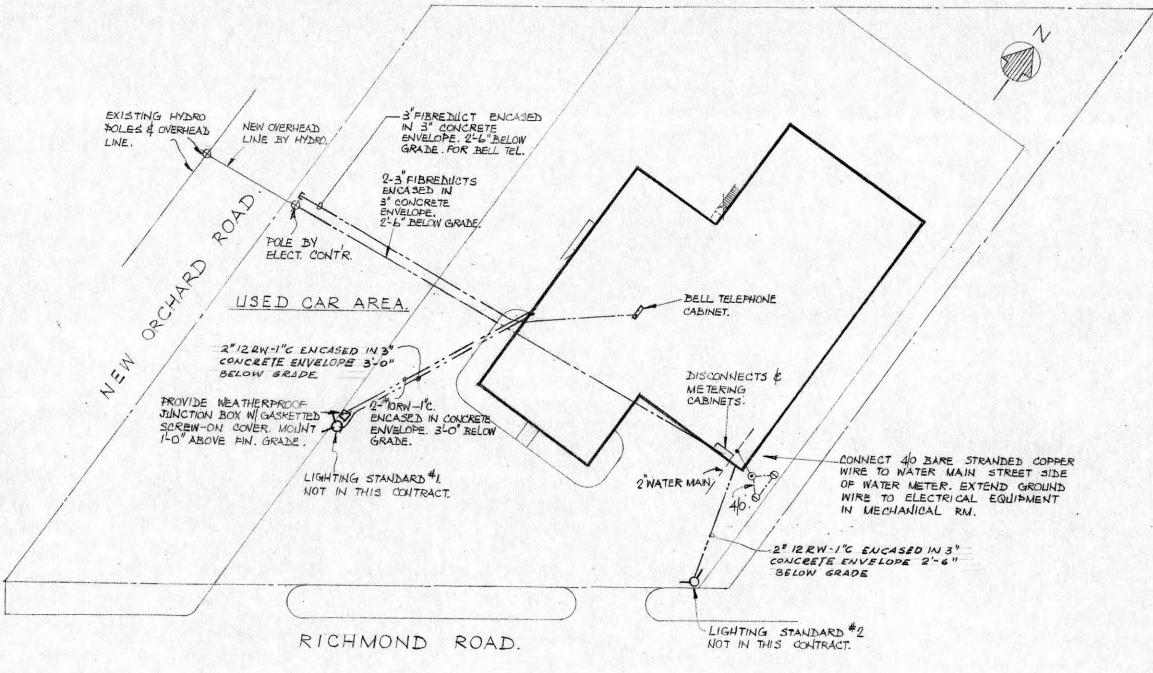
SYMBOL	DESCRIPTION	REMAR
	FLUORESCENT LIGHTING FIXTURE FOR SHOWROOM.	Value Constitution and the second
	FLUORESCENT LIGHTING FIXTURE TYPE "B"	A control of the control
(E)	INCANDESCENT LIGHTING FIXTURE TYPE 'K'	
Q	INCANDESCENT LIGHTING FIXTURE WALL BRACKET TYPE	
∞ □	SPOT LIGHT MOUNTED IN SHOW ROOM	
\otimes	EXIT LIGHT	
\$	LIGHT SWITCH. S.P. "T" RATED. 125 VOLT, 20 AMP. HUBBELL 9800 SERIES.	
#	2 GANG LIGHT SWITCH	
Ø	DUPLEX RECEPTACLE. 120 VOLT, ISAMP. "U" GROUNDED TYPE HUBBELL CAT. # 5252	
0	CLOCK OUTLET, HUBBELL CAT. # 7707 125 V. 15A	
	NIGHT LIGHT.	
	UNFUSED DISCONNECT SWITCH	# #2 m / m
EASS	LIGHTING PANEL 120/240 VOLT IPH. 3W.	The state of the s
	TELEPHONE PANEL	,
A	TELEPHONE OUTLET	
A/APL	MANUAL STARTER, WEST. CAT. #W 10023 WITH PILOT LIGHT	
12	MOTOR H.P. AS INDICATED, 550 VOLT 3PH. 60~	e en estado en entre en
31-70A	FUSED DISCONNECT SWITCH 600 VOLT 3P. FUSED AT 70 AMPS.	
	COMBINATION MAGN. STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER START STOP P.B. IN COVER	A Section of the Confession of
REV.	REVERSING MAGN, STARTER WITH CONTROL TRANSFORMER & CIRCUIT BREAKER	
Ð	THERMOSTAT WITH HAND OFF AUTOMATIC SEL, SWITCH. MINNEAPOLISHONEYWELL CAT. # 74 - 42 J. WHERE ON EXTERIOR WALL TO BE MOUNTED ON 3" CORK	
DS	DOOR SWITCH	
000	OPEN-CLOSE-STOP PUSH BUTTON	
0	START - STOP PUSH BUTTON WITH LOCK ATTACHMENT MOMENTARY CONTACT	
0/0	JUNCTION BOX	
Φ	GROUND ROD COPPERWELD. 3/4" X 10'-0"LG.	
•	GROUND ROD COPPERWELD. 3/4" \$ x 10'-0'LG. W VITRIFIED TILE & REMOVABLE WOODEN COVER.	
	CONDUIT IN SLAB.	
	CONDUIT RUN EXPOSED	
	HOME RUN TO LTG. PANEL. NUMBERS INDICATE CIRCUIT BREAKER NUMBERS IN LTG. PANEL	
	EMPTY CONDUIT FOR TELEPHONE	
• • • •	GROUNDING WIRE RUN UNDERGROUND	
	CONDUIT OR FIBER DUCT RUN UNDERGROUND:	

GENERAL NOTES.

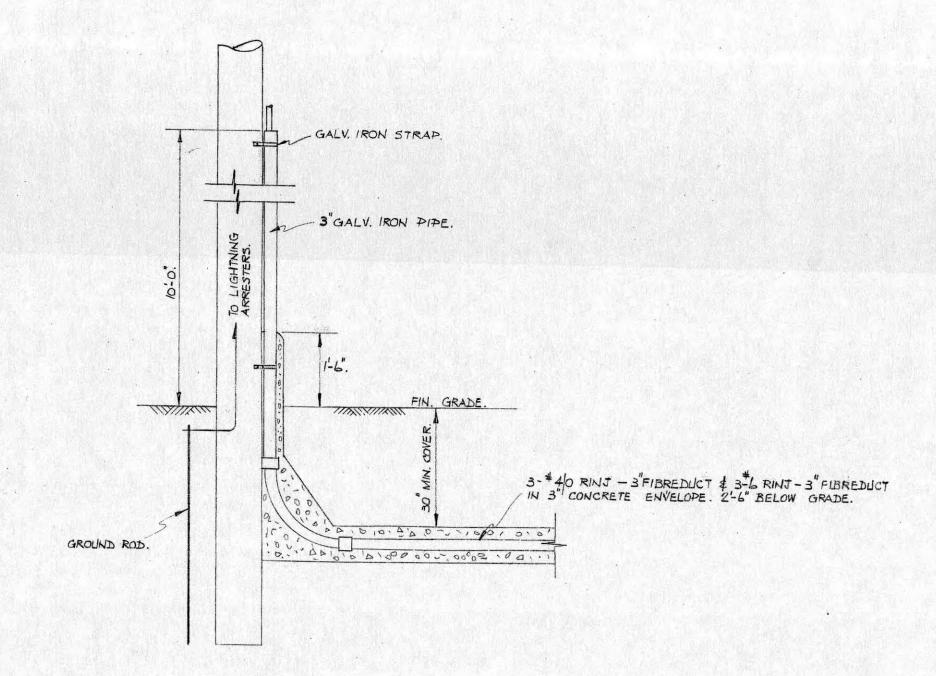
- I. ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY DRAINED.
- 2. ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & DITHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4FT. ABOVE FIN. FLOOR. OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS. CLASS I.
- 3. ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR SHALL BE OF ONE MANUFACTURE: ONLY.
- 4. FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSETRON DUAL ELEMENT FUSES UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 5. LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.

	DATE	ISSUED FOR	DATE	REVIS		APPROVED	JOB CAPTAIN	FILE # 64	
	SEPT 15/69		DATE	BY	BULLETIN	DESIGNED V.T.	DATE	SHEET	
	SEPT. 16/59	BUILDING PERMIT	in the contract of the contrac			F.W.B.	IN CHARGE:		
	SEPT. 21/59	CONSTRUCTION				- J.G.B.P. 8.29.5		C 59 27B	
1.32	OCT.5 59	REVISION WITH BULLETIN #1.		JGB#	#1.	DRAWN DATE	PROJECT CHIEF	ЈОВ	
	OCT. 15/59.	REVISION WITH BULLETIN 43		J.G.B.P	#3	TORONTO, ON	ENGINEE T.	WINDSOR, ONT.	
ONINGE OF ONTH	NOV. 11/59	PEVISION WITH BULLETIN"4		V.T	"4	GIFFELS		F CANADA, LTD.	
12 700						- SINGLE L	INE DIAGRA	M- CARLING AVE	
A. PERRIN						SHEET TITLE		· · · · · · · · · · · · · · · · · · ·	
CIVIL 2				e distrib		CHRYSLER CORPORATION OF CANADA JOB TITLE SALES & SERVICE CENTRES			
ROFESSIONAL			SIR WAR			CHOVELE	P COPPORAT	TION OF CANADA	





PLOT PLAN SCALE. 1"= 40'0".



UNDERGROUND SERVICE FROM HYDRO POLE.

GENERAL NOTES.

1. ALL CONDUITS ENTERING BUILDING UNDERGROUND SHALL BE SUITABLY

LEGEND.

DESCRIPTION.

BU FLUORESCENT LIGHTING FIXTURE TYPE B.

SPOT LIGHT. MOUNTED IN SHOWROOM.

HUBBELL 9800 SERIES.

2 GANG LIGHT SWITCH ..

TYPE HUBBELL CAT. Nº 5252.

UNFUSED DISCONNECT SWITCH.

TELE PHONE OUTLET.

REV. & CIRCUIT BREAKER.

OPEN- CLOSE - STOP. P.B.

REMOVABLE WOODEN COVER.

---- EMPTY CONDUIT FOR TELEPHONE.

---- GROUNDING WIRE RUN UNDERGROUND

BREAKER NUMBERS IN LTG. PANEL.

--- CONDUIT OR FIBER DUCT RUN UNDERGROUND.

DS DOOR SWITCH.

CONTACT.

--- CONDUIT IN SLAB.

- CONDUIT RUN EXPOSED.

O/ I JUNCTION BOX.

LIGHTING. PANEL 120/240V. IPH. 3W.

EXIT LIGHT.

NIGHT LIGHT.

INCANDESCENT LIGHTING FIXTURE. TYPE K.

LIGHT SWITCH. S.P. T" RATED. 125V. 20A.

DUPLEX RECEPTACLE. 120V. 15A. U GROUNDED.

CLOCK OUTLET HUBBELL CAT. Nº 7707. 125V. 15A.

MANUAL STARTER. WEST. CAT. Nº W. 100-23 / WITH PILOT LIGHT.

& CIRCLIT BREAKER START STOP P.B. IN COVER.

THERMOSTAT WITH HAND-OFF-AUTO SEL. SWITCH.

EXTERIOR WALL TO BE MOUNTED ON 3" CORK.

GROUND ROD. COPPERWELD. \$4"x 10'-0" LG.

MINNEAPOLIS-HONEYWELL. CAT. Nº 7A- 42 J. WHERE ON

FUSED DISCONNECT SWITCH. 600V. 3P FUSED AT 70A.

COMBINATION MAGN, STARTER WITH CONTROL TRANSFORMER

REVERSING MAGN. STARTER WITH CONTROL TRANSFORMER

START- STOP, P.B. WITH LOCK ATTACHMENT, MOMENTARY

GROUND ROD. COPPERWELD. 4 \$ X 10-0"LG. W VITRIFIED TILE \$

HOME RUN TO LTG. PANEL. NUMBERS INDICATE CIRCUIT

MOTOR H.P. AS INDICATED. 550 V. 3PH. 60~.

FLUORESCENT LIGHTING FIXTURE FOR SHOWROOM.

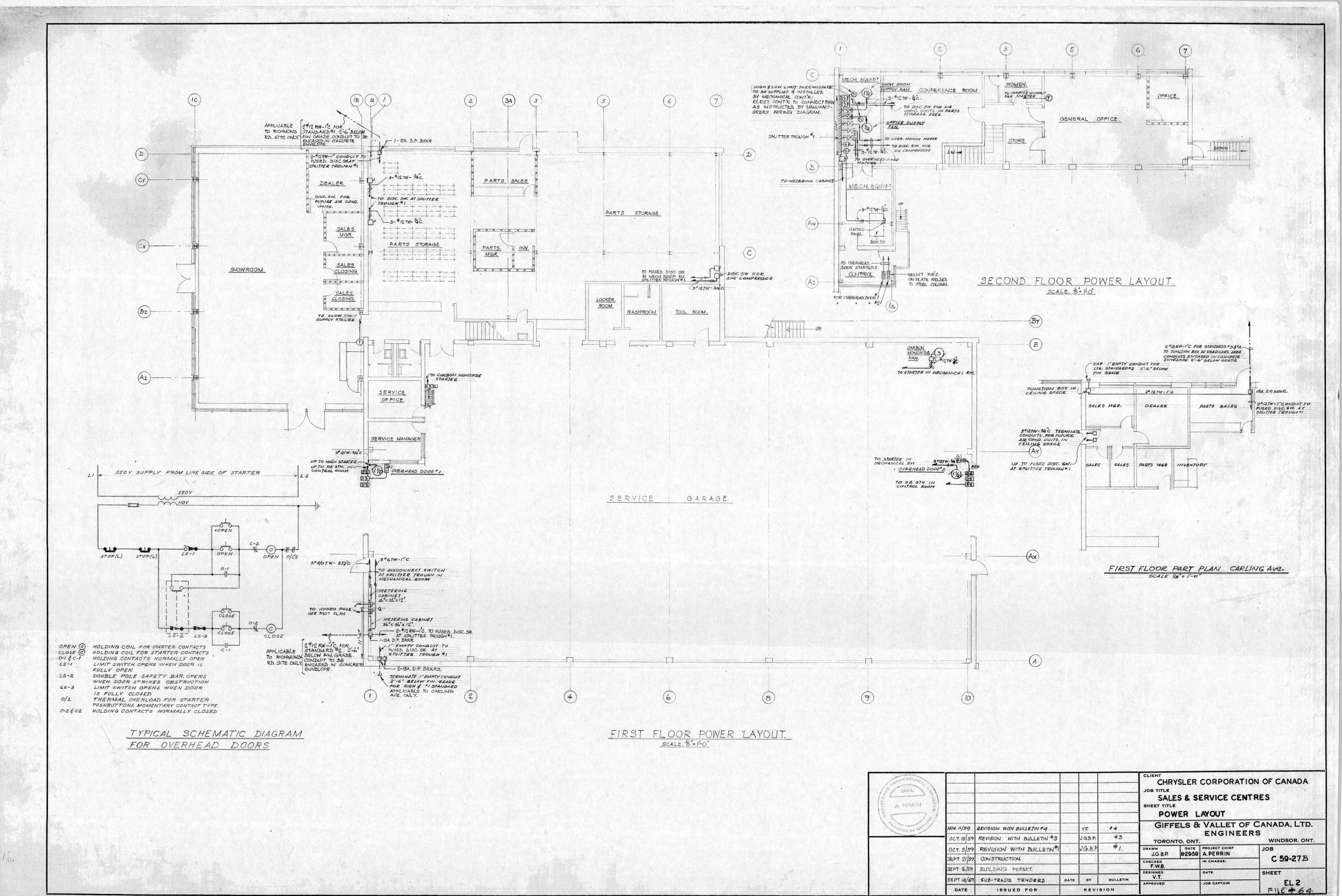
INCANDESCENT LIGHTING FIXTURE WALL BRACKET TYPE.

REMARKS

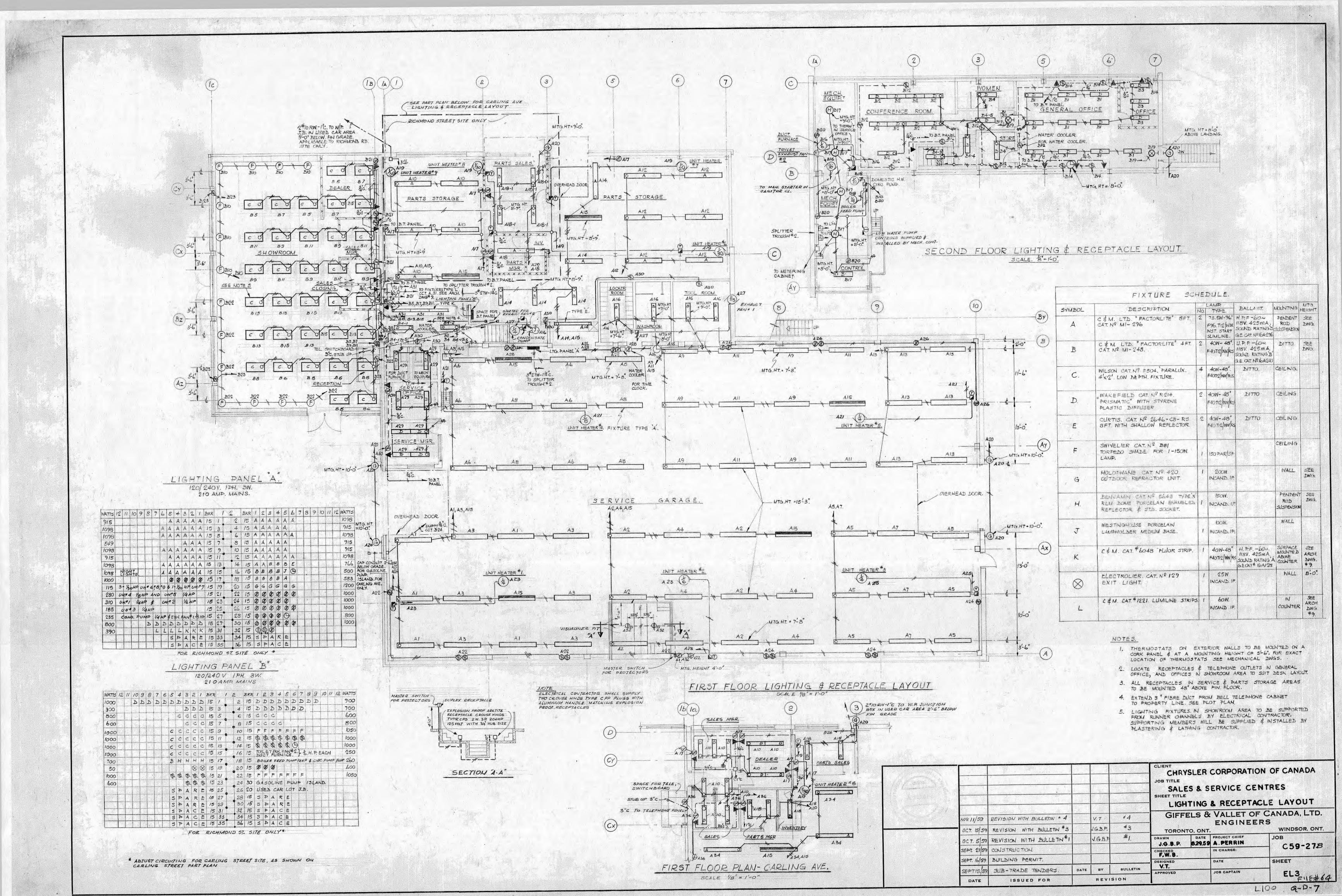
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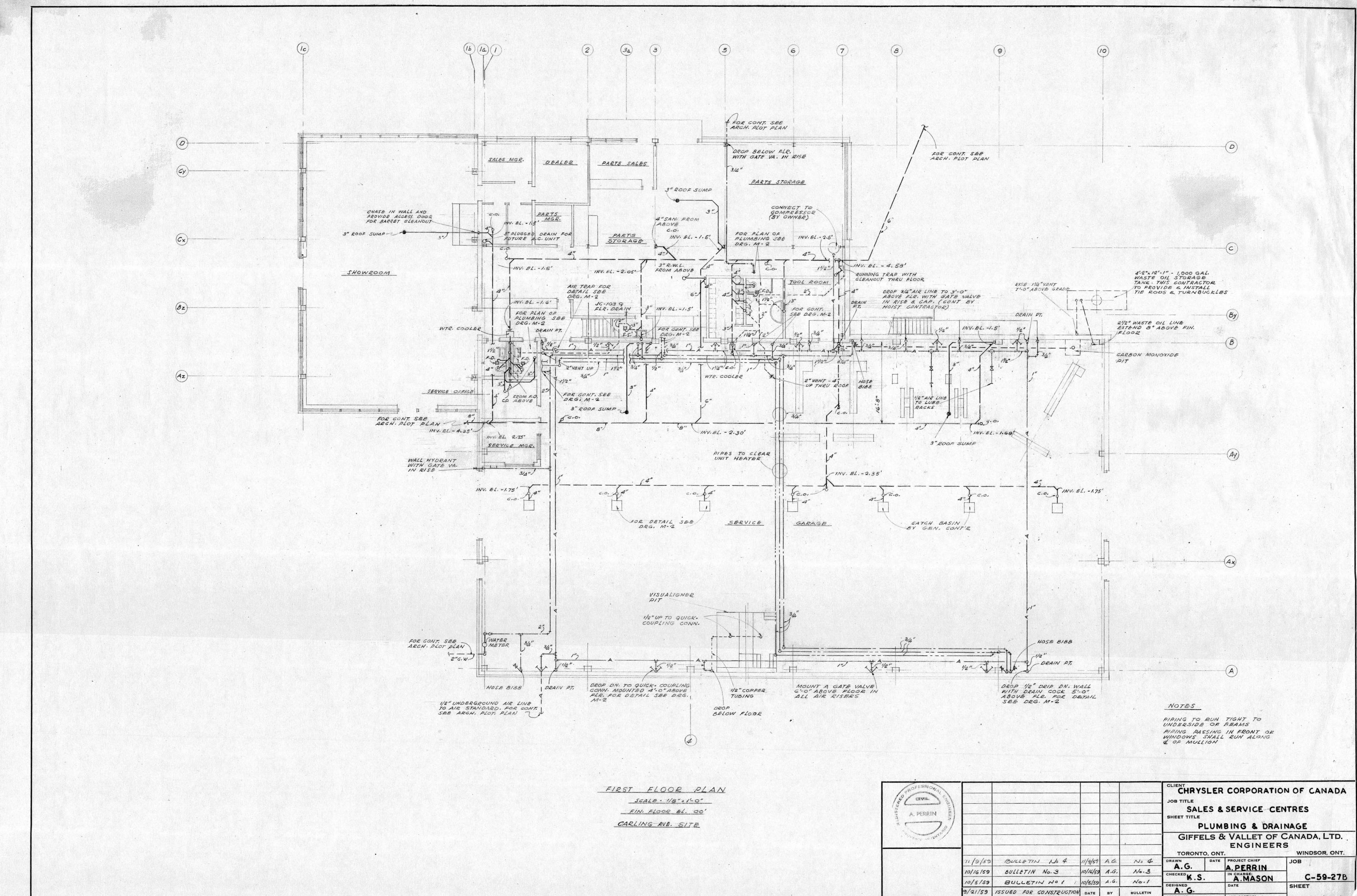
- 2. ALL CUT-OUTS, SWITCHES, RECEPTACLES, FIXED LAMPHOLDERS & OTHER ELECTRICAL EQUIPMENT WHICH TENDS TO PRODUCE ARCS OR SPARKS, INSTALLED IN SERVICE AREA TO BE MOUNTED 4FT. ABOVE FIN. FLOOR. OTHERWISE THEY SHALL BE OF TYPE APPROVED FOR USE IN HAZARDOUS LOCATIONS CLASS I.
- 3. ALL STARTING & CONTROL EQUIPMENT SUPPLIED BY ELECT. CONTRACTOR. SHALL BE OF ONE MANUFACTURE ONLY.
- 4. FUSES IN DISCONNECT SWITCHES & POWER PANELS SHALL BE FUSETRON DUAL ELEMENT FUSES UNLESS OTHERWISE INDICATED ON DWGS.
- 5. LIGHTING FIXTURES IN MECHANICAL EQUIPMENT ROOM TO BE INSTALLED TO SUIT LAYOUT OF MECHANICAL EQUIPMENT.

CHRYSLER CORPORATION OF CANADA SALES& SERVICE CENTRES SHEET TITLE SINGLE LINE DIAGRAM-RICHMOND RD. GIFFELS & VALLET OF CANADA, LTD. ENGINEERS TORONTO, ONT. WINDSOR, ONT. B29 59 A PERRIN JG B.P. #3 JGBP OCT 15 59 REVISION WITH BULL # 3 C-59 -27B F.W.B. J.G.B.A OCT 9/59 CONSTRUCTION WITH BULL #2 #2 SHEET DATE BY BULLETIN ELTIA ISSUED FOR REVISION 4100



9-0-7

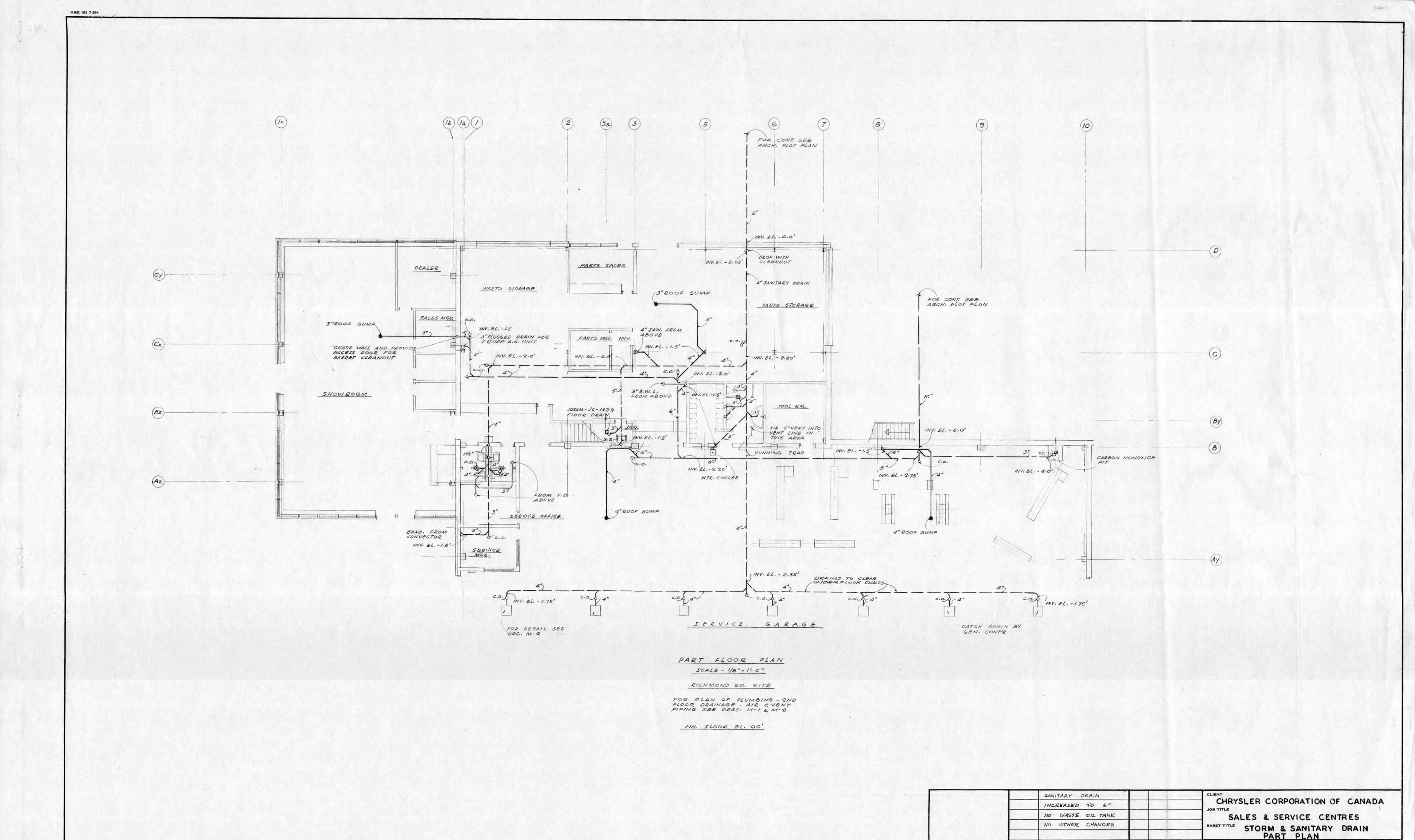




JOB CAPTAIN
K. SHARPLES FILE 164
Q-D-7

ISSUED FOR

REVISION



SARNIA TORONTO WINDSOR DATE PROJECT CHIEF
A.PERRIN JOB C-59-27B IN CHARGE A. MASON K.S. SHEET 90CT. 59 CONSTRUCTION WITH BULL #2 DATE BY BULLETIN M-IA JOB CAPTAIN
K. SHARPLES

JULY-8-60 REVISIONS - AS BUILT

DATE

BULLETIN No 3

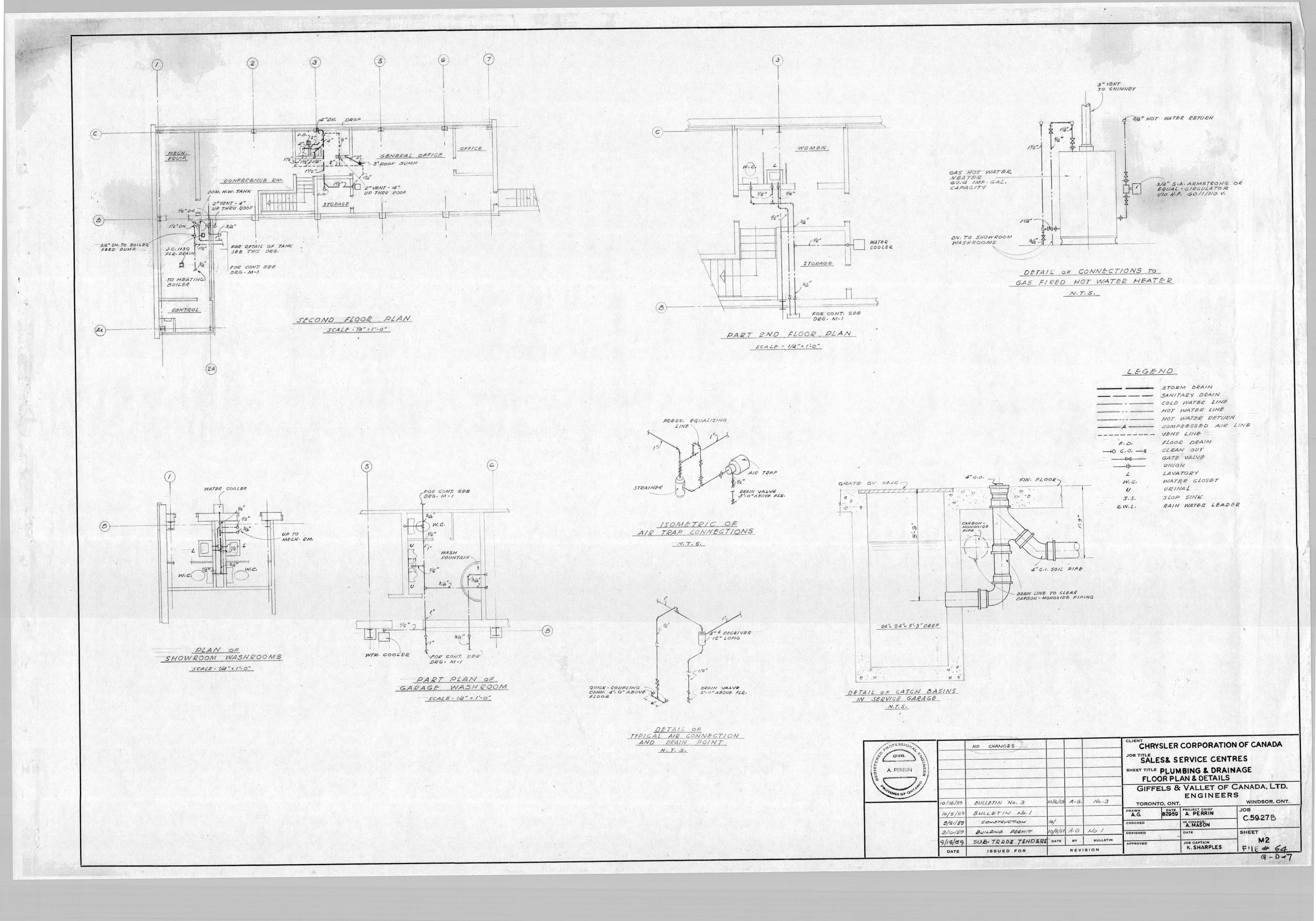
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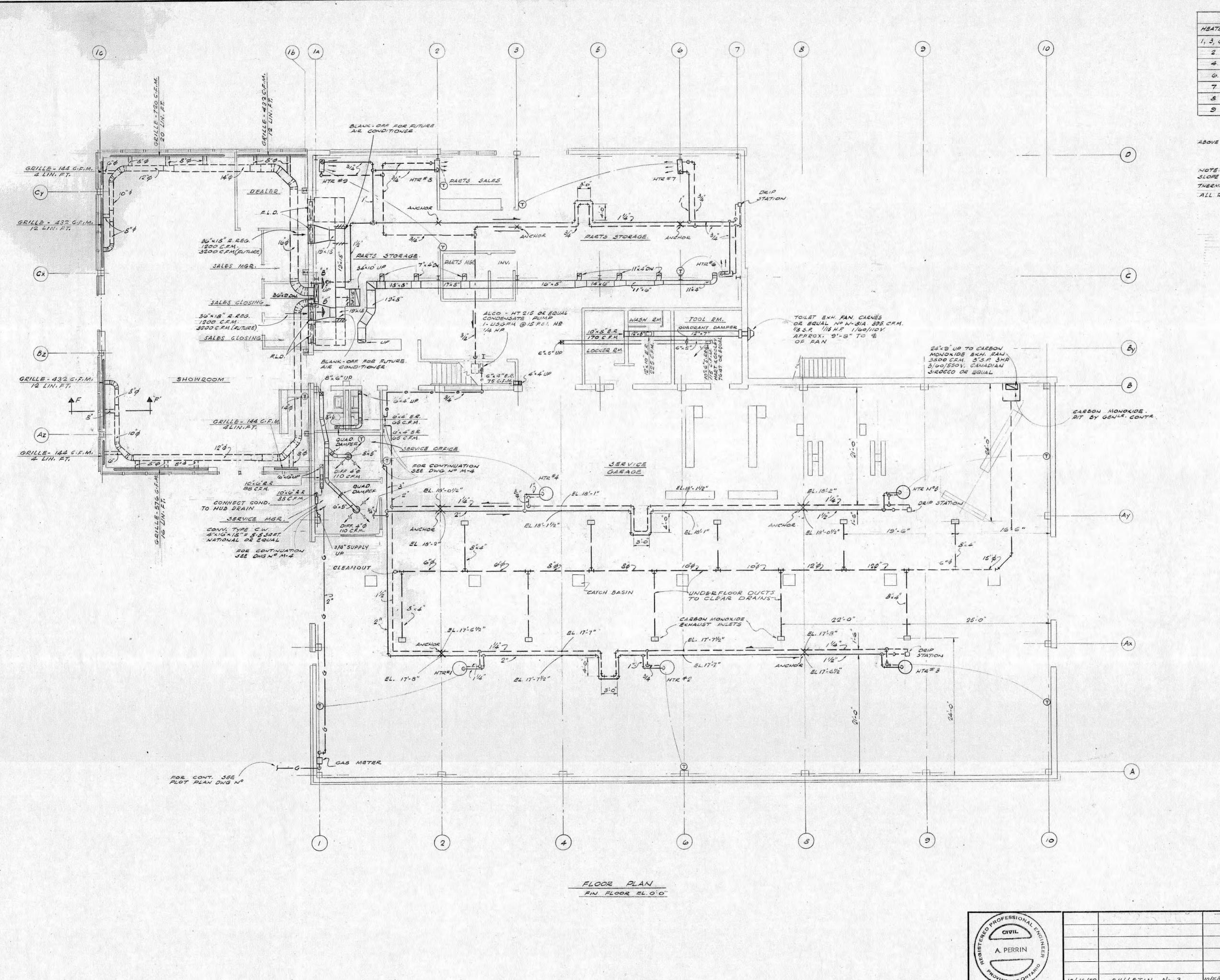
10/16/59 AG 3

90CT59 K5 2

REVISIONS

GIFFELS & VALLET OF CANADA, LTD. ENGINEERS





UNIT HEATER SCHEDULE HEATER NOS CAP / HR. APPROX. MOTOR MOUNTING REMARKS 200,000 112 1/4 1140 17:0" ADJUSTABLE CONE DIFFUSER 1, 3, 4 5 860 17-0 1/8 1725 17-0 73,000 104 35,400 105 1/30 /3/0 44,600 1065 1/20 1060 8-6" 110 1/30 1050 8:4" 31,400 105.5 130 1050 8:6" 23,600

ABOVE HEATER ARE BASED ON 10# STEAM & GO'S ENTERING AIR.

NOTE!

SLOPE STEAM & COND. LINES I"IN 40 FT IN DIRECTION OF ARROWS.

THERMOSTATS ON EXTERIOR WALLS TO BE MOUNTED ON 3" CORK.

ALL REDUCTIONS IN LINES TO BE ECCENTRIC WITH INVERTS LEVEL

LEGEND

STEAM SUPPLY.

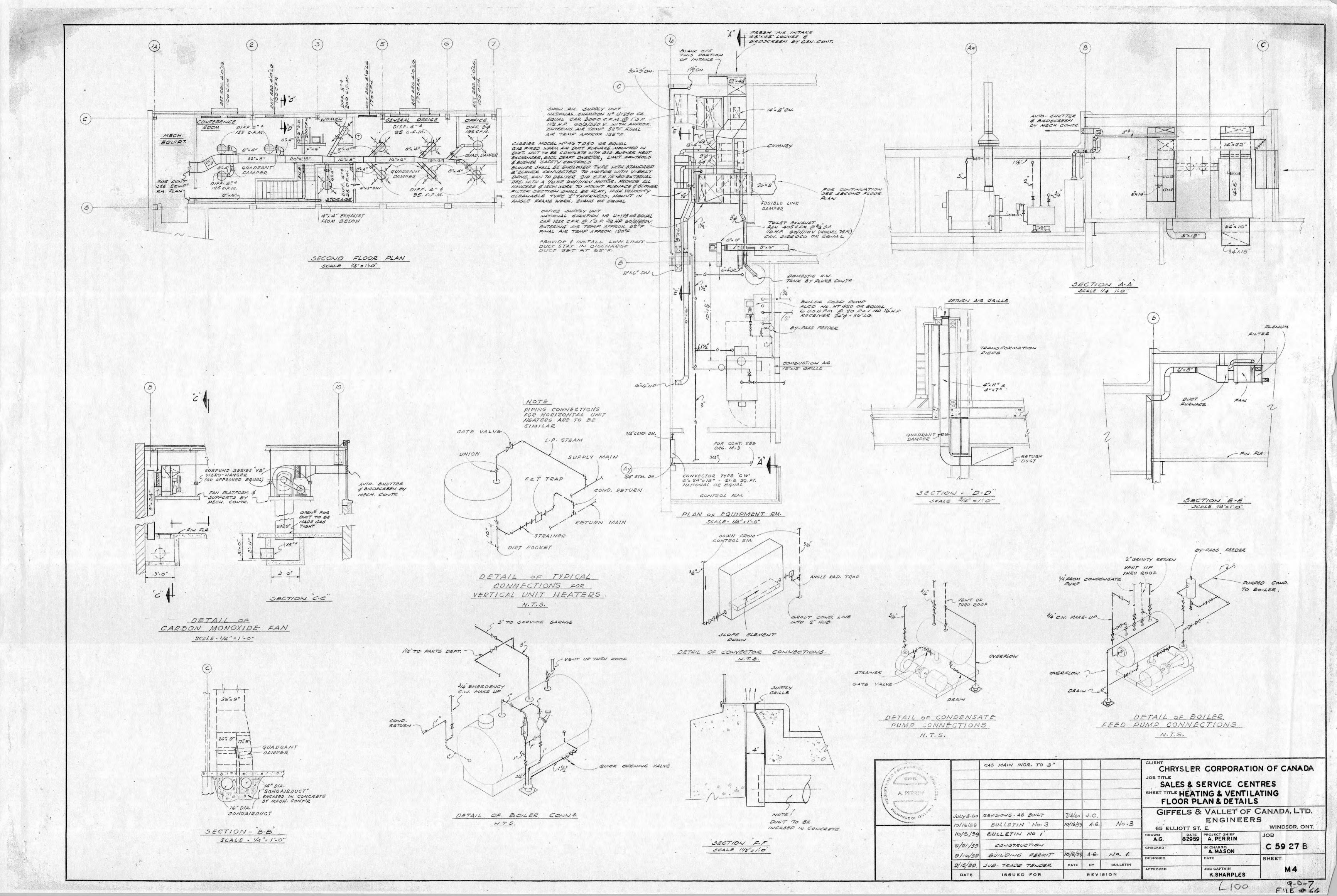
CONDENSATE RETURN (RUMP)

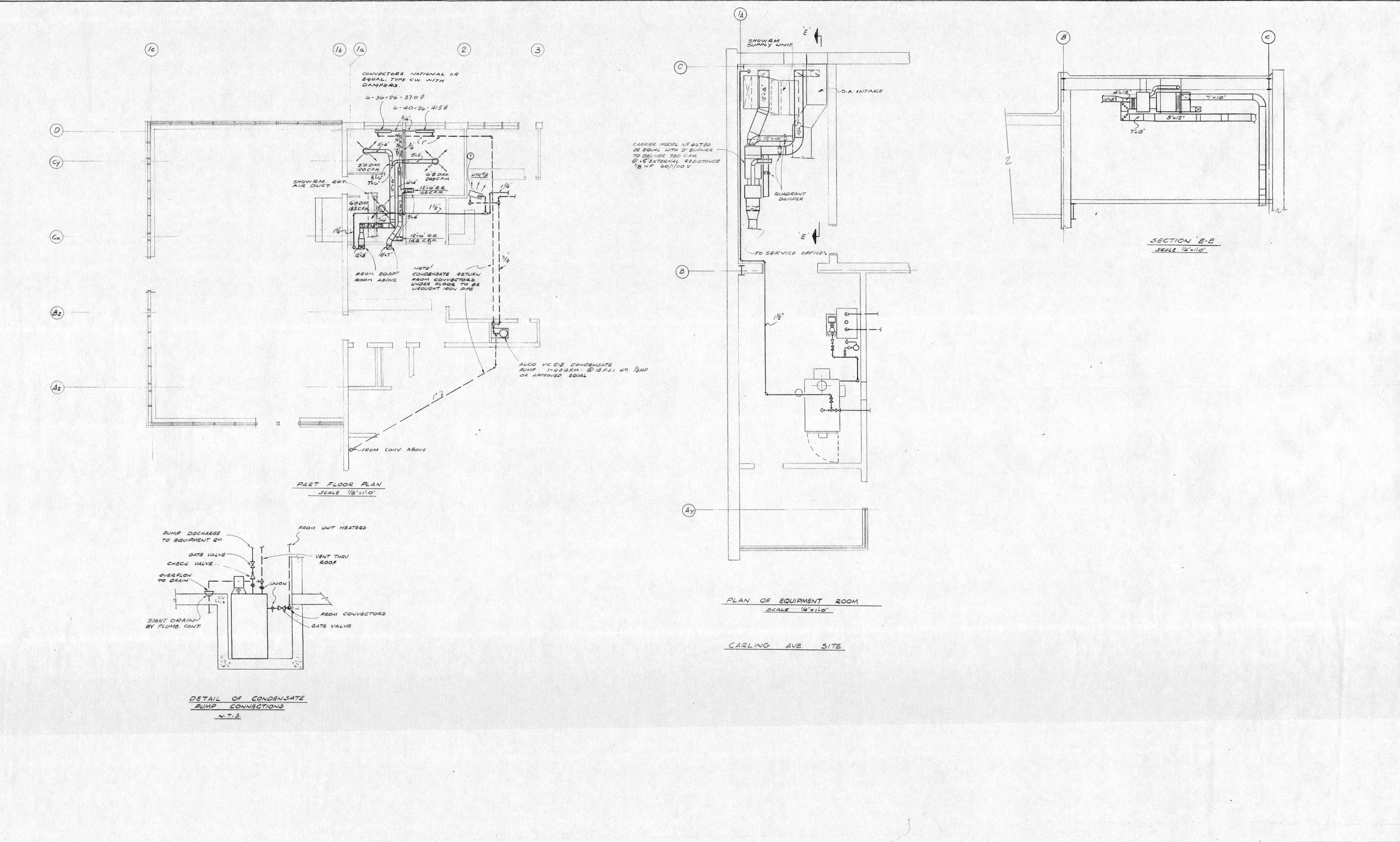
GAS LINE.

FUSIBLE. LINK DAMPER

THEEMOSTAT

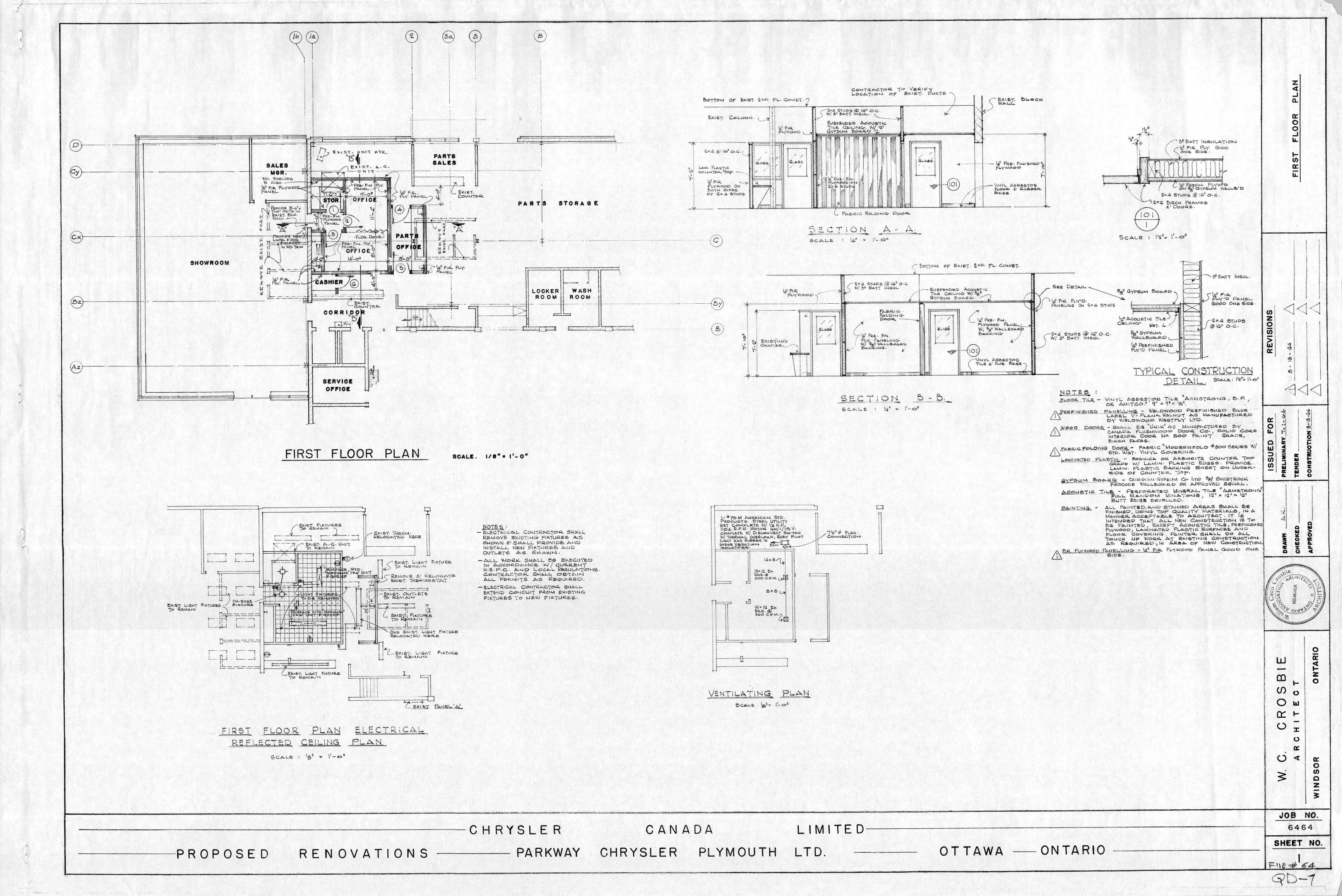
CHRYSLER CORPORATION OF CANADA SALES & SERVICE CENTRES SHEET TITLE HEATING & VENTILATING FLOOR PLAN GIFFELS & VALLET OF CANADA, LTD. No.3 10/16/59 A.G. 10/16/59 BULLETIN No.3 ENGINEERS 10/5/59 BULLETIN Nº1 WINDSOR, ONT. TORONTO, ONT. A.PERRIN CONSTRUCTION 9/21/59 C-59-27B 9/16/59 BUILDING PERMIT A,MASON 10/5/59 AG NO. 1 ISSEPT SO SUB-TRADE TENDER BULLETIN DATE BY M-3 JOB CAPTAIN K. SHARPLES REVISION ISSUED FOR 9-0-7 FILE#64 L100

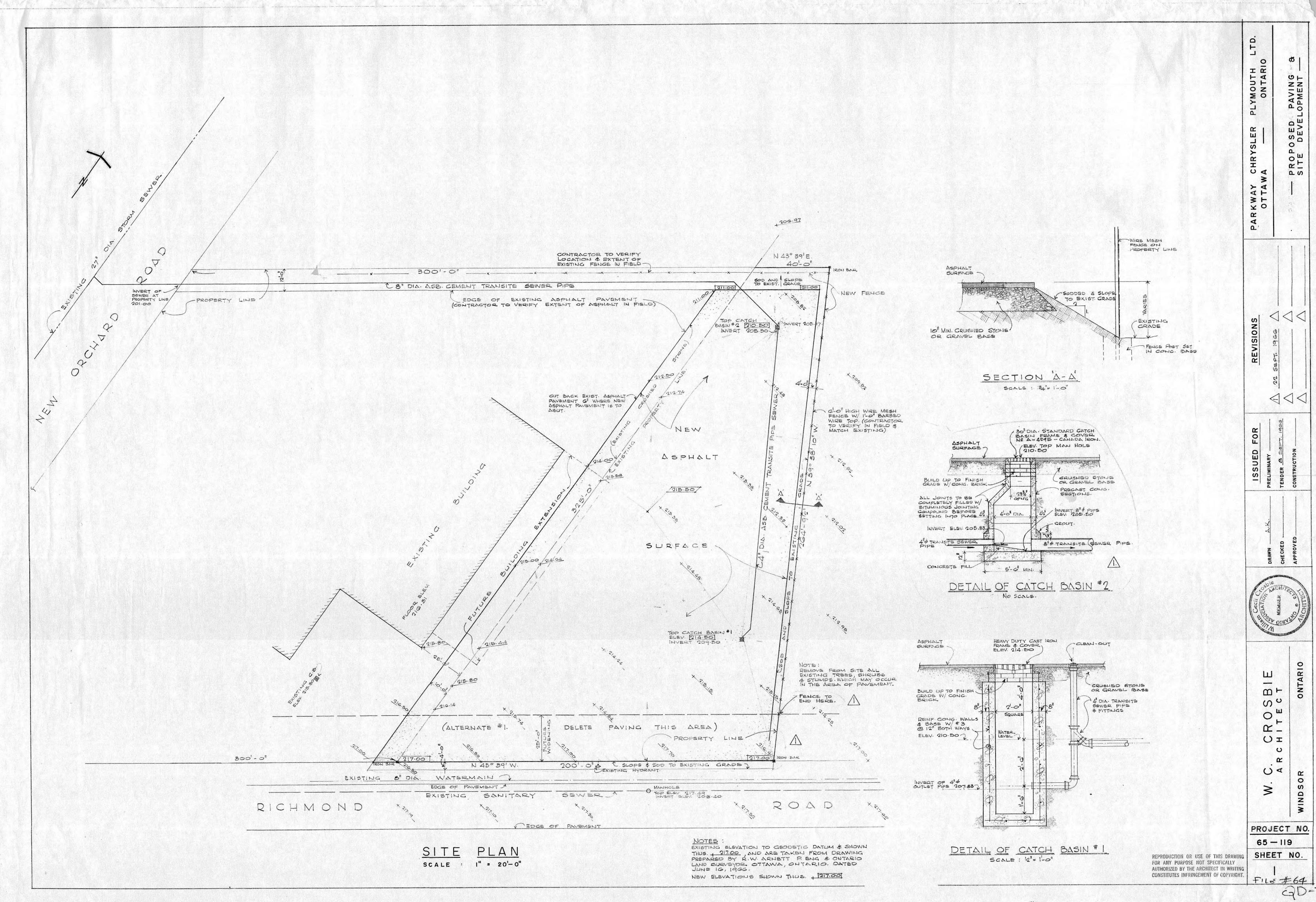




CHRYSLER CORPORATION OF CANADA SALES&SERVICE CENTRES HEATING AND VENTILATING GIFFELS & VALLET OF CANADA, LTD. ENGINEERS SARNIA WINDSOR TORONTO A. PERŔIN C-59-27B IN CHANGE K.S. 11/9/59 11/9/59 JC. Nº4 BULLETIN Nº4 SHEET DATE SY BULLETIN A. MASON REVISIONS DATE ISSUED FOR

H-70 9-D-7





ONTARIO

PAVIN OPMEN

0

APPENDIX X SITE PHOTOGRAPHS





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.





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.





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.





Page 4 of 11

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.





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.





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.





Page 7 of 11

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.

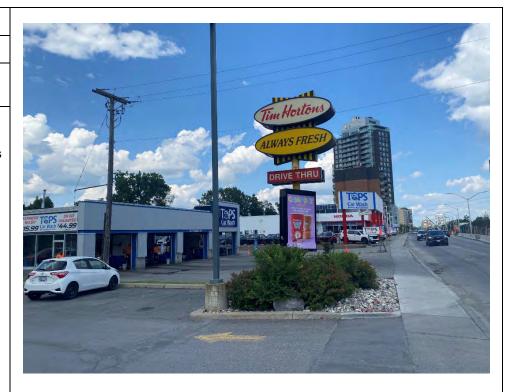


Photo No: 14

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.





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.





Page 9 of 11

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.





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.





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 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) 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,	The PCA locations are shown in Figure 4. 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. 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.	
ii.	Any contaminants of potential concern,	As summarized in Table 3 (appended), media beneath the Site are considered to be potentiall affected by the following contaminants of potential concern:	
		 Petroleum hydrocarbons including benzene, toluene, ethylbenzene, and xylenes (collectively BTEX) and PHC fractions F1 to F4 (PHC F1-F4) in soil and groundwater; 	



	Requisite Component	Description & Assessment			
		Metals including hydride forming metal (HFMs) and other regulated parameters			
		(ORPs) in soil and groundwater;			
		Volatile Organic Compounds (VOCs) in soil and groundwater; and, Polyablarizated Riphanyla (RCRs) in soil.			
		Polychlorinated Biphenyls (PCBs) in soil.			
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	Site & Regional Topography:	The Site is generally flat. No major topographic features are mapped on the Site.		
	hydrogeological information.		The Phase One Study Area slopes uniformly toward the Ottawa River (located approximately 225 m north of the Site)		
		Approximate Site Elevation:	64 m above sea level (asl).		
		Surface Water Drainage:	Overland.		
		Inferred Groundwater Flow Direction:	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.		
			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.		
		Physiography and Soil Stratigraphy:	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 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.		
			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		
		Bedrock and Approximate Depth:	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.		
		Surface Water:	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		
		Area of Natural Significance:	None at, or within 30 m of the Site.		



Requisite Component	Description & As	Description & Assessment			
	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.			
	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.			
	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.			
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.	surrounding prope were limited to are It should be noted except where expl the records review	ite were accessible during the Site inspection. Cursory observations of the erties within the Phase One Study Area made during the Site reconnaissance has visible from the Site or from publicly accessible areas and vantage points. That although Terrapex has attempted to verify information wherever possible, licitly noted, we have relied upon the accuracy of information collected during w and interview components. This includes Phase One ESA work done by r which some of the historical records were collected.			
	-	The findings of this Phase One ESA are in generally agreement with the Phase One ESA work conducted by Golder in 2021.			
	and therefore find	ne above, it should be noted that Phase One ESAs have inherent limitations, ings cannot be considered definitive (i.e., the findings of a Phase One ESA ociated with some uncertainty).			

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





KEITH BROWN, P.Eng., QPESA

Position: Senior Project Manager, Ottawa Office

Qualifications: B.Sc. (Eng) Environmental

Experience: 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 solved. 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).



JASON O'BRIGHT, P.Eng.

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.