

**WATER COVER TABLE**

LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER
400 X 150 TEE	0+100.00	121.82	119.42	2.40
VALVE	0+109.53	121.88	119.48	2.40
150 X 150 TEE	0+124.73	121.83	119.43	2.40
CAP	0+125.73	121.83	119.43	2.40
150 X 150 TEE	0+200.00	121.83	119.43	2.40
45° VERTICAL BEND	0+201.47	121.82	118.46	3.36
45° VERTICAL BEND	0+203.63	121.82	118.46	3.36
45° VERTICAL BEND	0+204.60	121.82	119.42	2.40
BUILDING	0+209.38	121.97	119.57	2.40
150 X 150 TEE	0+300.00	121.89	119.49	2.40
VALVE	0+301.00	121.90	119.50	2.40
HYDRANT	0+303.79	121.99	119.59	2.40
BUILDING	0+400.00	121.96	119.56	2.40
45° BEND	0+401.76	121.94	119.54	2.40
45° BEND	0+403.17	121.78	119.38	2.40
45° BEND	0+414.69	121.74	119.34	2.40
45° BEND	0+416.10	121.75	119.35	2.40
PARKING GARAGE	0+423.85	121.95	120.75	1.20

**CROSSING CONFLICT TABLE**

LOCATION	DESCRIPTION	SEPARATION
1	150mmØ SAN SERVICE OBV 119.57 525mmØ STM SEWER INV 119.98	0.41
2	150mmØ SAN SERVICE INV 119.61 150mmØ STM SERVICE INV 119.61	0.50
3	150mmØ SAN SERVICE INV 119.61 150mmØ SAN SERVICE INV 119.31	0.30
4	150mmØ SAN SERVICE INV 119.61 150mmØ WTR SERVICE INV 118.61	0.38
5	150mmØ WTR SERVICE INV 118.61 150mmØ SAN SERVICE INV 119.00	0.31
6	750mmØ STM SEWER INV 118.29 150mmØ WTR SERVICE INV 118.29	0.58
7	150mmØ WTR SERVICE INV 119.31 150mmØ SAN SERVICE INV 119.31	0.30
8	150mmØ WTR SERVICE INV 119.31 200mmØ SAN SERVICE INV 119.49	0.51
9	200mmØ SAN SERVICE INV 120.02 200mmØ STM SEWER INV 120.02	0.53

**STORM STRUCTURE TABLE**

NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CBMH2	121.50	SW119.900 NW120.000	NE119.200	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.010
LSCB 1	121.70		NE120.077	CITY STD DWG S31
LSCB 2	121.75		SE121.250	CITY STD DWG S31
MH4	121.87	SW118.917	NE118.358	COVER CITY STD S24.1 FRAME CITY STD S25 STRUC. OPSD 701.010
OGS3	121.81	SW119.024	NE119.000	STORMCEPTOR EF04 OR APPROVED EQUIVALENT SUMP DEPTH 1.524m

**SAN STRUCTURE TABLE**

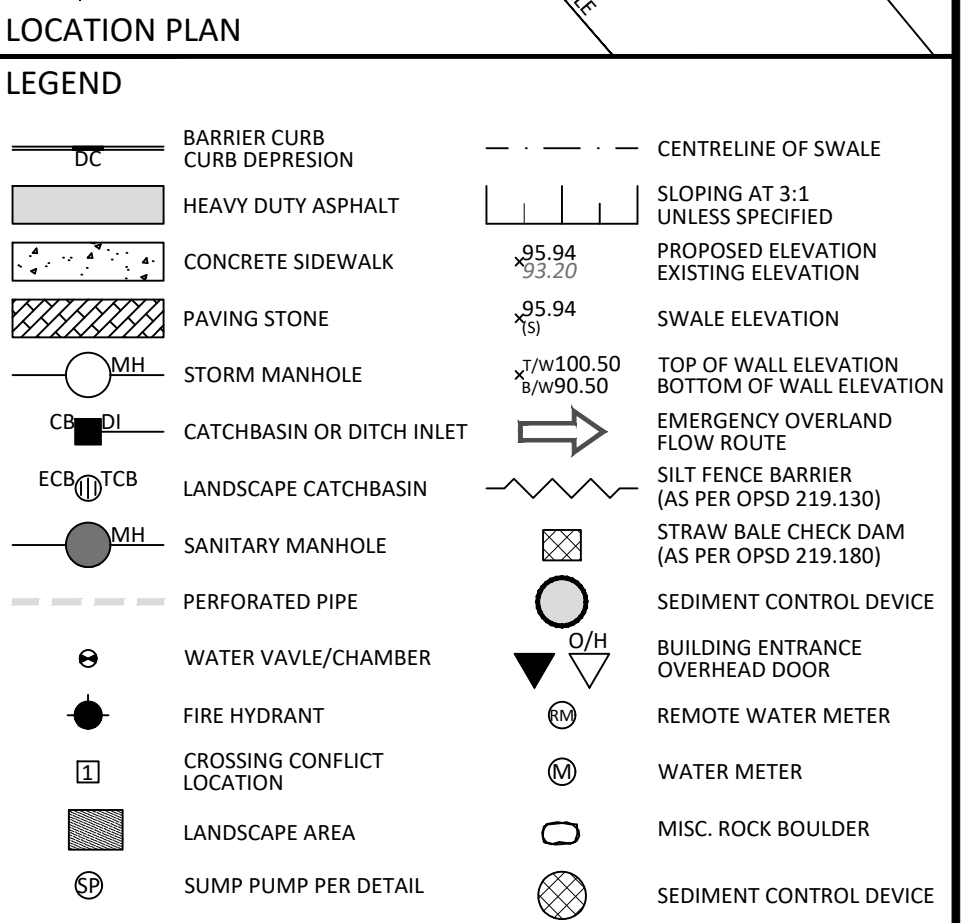
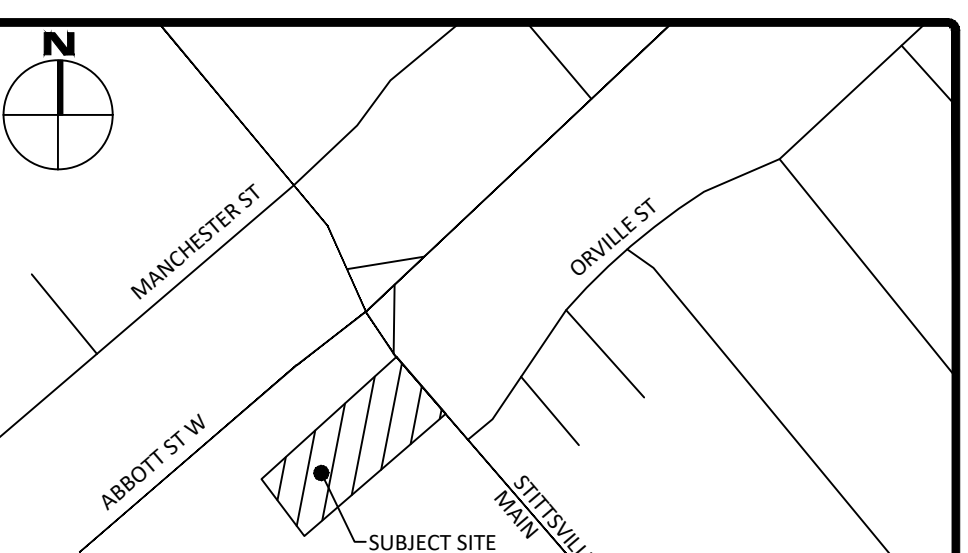
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH1A	121.73	NW119.410	NE119.368	COVER CITY STD S24 FRAME CITY STD S25 STRUC. OPSD 701.010
MH2A	121.86	SW119.038	NE118.962	COVER CITY STD S24 FRAME CITY STD S25 STRUC. OPSD 701.010

**ROOF DRAIN (B2A)**

TYPE OF CONTROL DEVICE	WATTS DRAINAGE RD-100-A-ADJ (FULLY EXPOSED)
NUMBER OF ROOF DRAINS	1
ROOFTOP STORAGE (m³)	3.15
DEPTH OF FLOW (m)	0.030
FLOW PER ROOF DRAIN (L/s)	0.38
TOTAL FLOW	0.38

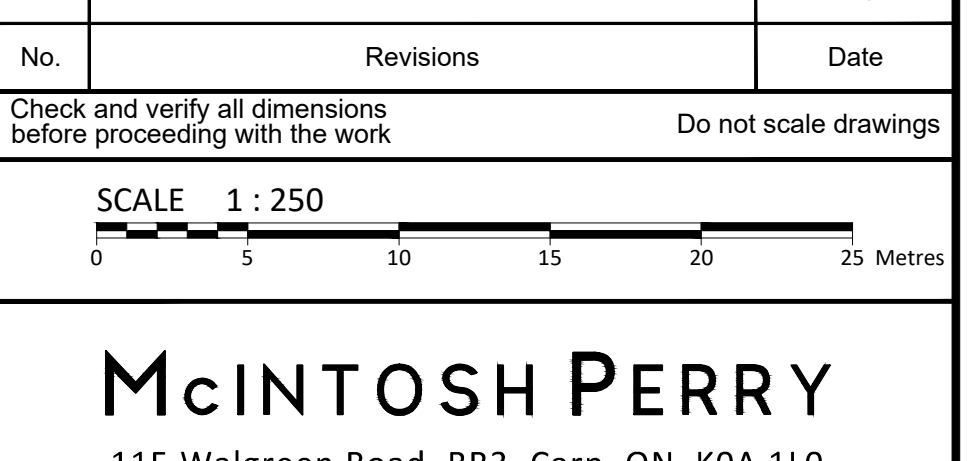
**ROOF DRAIN (B2B)**

TYPE OF CONTROL DEVICE	WATTS DRAINAGE RD-100-A-ADJ (FULLY EXPOSED)
NUMBER OF ROOF DRAINS	1
ROOFTOP STORAGE (m³)	3.45
DEPTH OF FLOW (m)	0.025
FLOW PER ROOF DRAIN (L/s)	0.32
TOTAL FLOW	0.32



**FOR REVIEW ONLY**  
NOT FOR CONSTRUCTION

No.	Revisions	Date
6	REVISED WATER SERVICING	FEB. 28, 2022
5	ISSUED FOR PERMIT	FEB. 04, 2022
4	REVISED PER CITY COMMENTS	NOV. 24, 2021
3	REVISED PER CITY COMMENTS	JULY 30, 2021
2	REVISED PER CITY COMMENTS	APR. 22, 2021
1	ISSUED FOR REVIEW	NOV. 13, 2020



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Client: **INVERNESS HOMES**  
38 AURIGA DRIVE, SUITE 200  
OTTAWA, ON K2E8A5

Project: **MIXED USE DEVELOPMENT**  
1518-1526 STITTSVILLE MAIN STREET

Drawing Title: **SITE SERVICING, SEDIMENT & EROSION CONTROL PLAN**

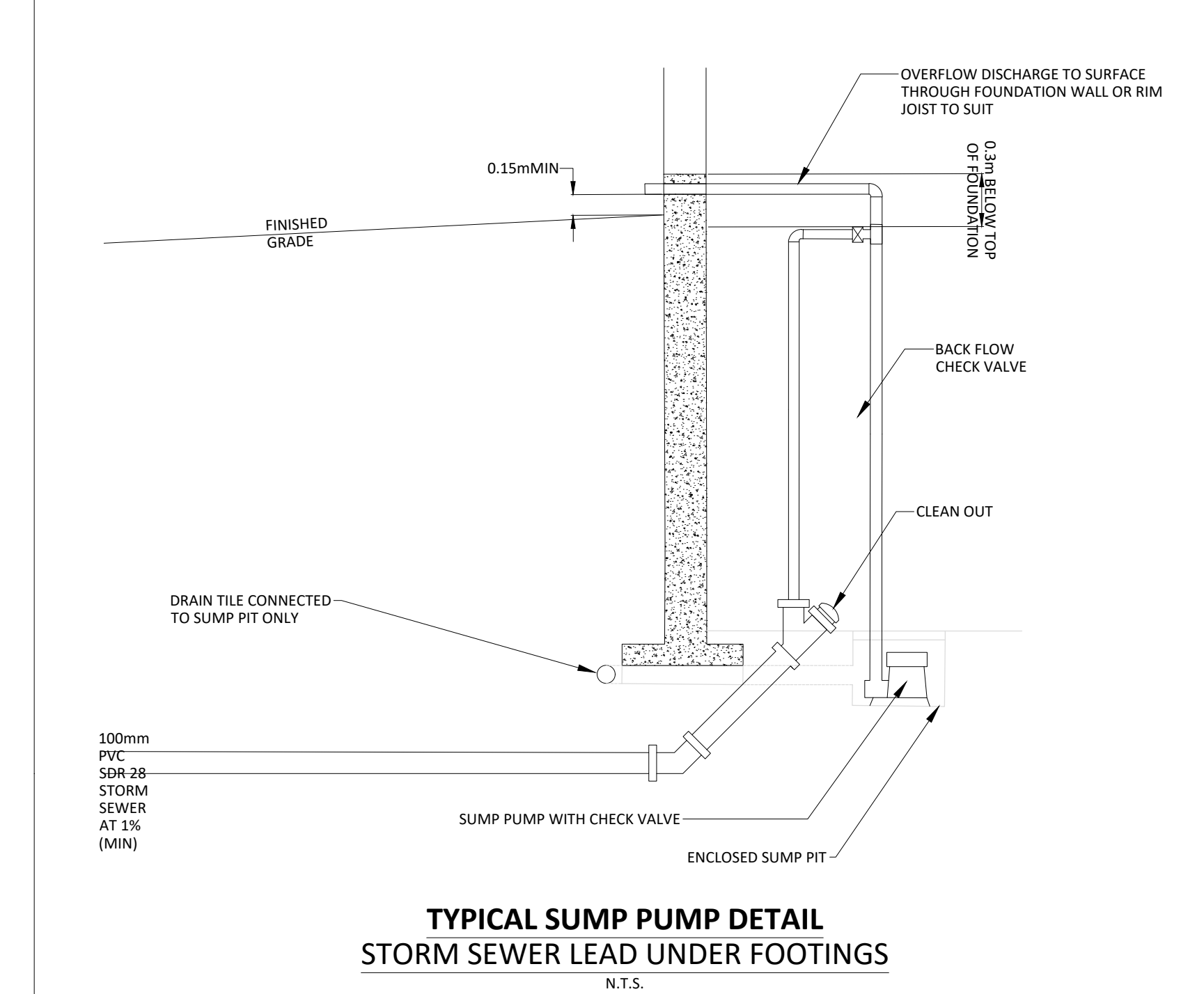
Scale: 1:250 Project Number: CP-19-0608

Drawn By: N.B.V. Checked By: T.D.F. Designed By: N.B.V.

**C102**

- SEWER NOTES**
- CONSTRUCT ALL SEWERS AND APPURTENANCES TO CITY STANDARDS (IF AVAILABLE) OR AS PER OPSD STANDARDS.
  - SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
  - BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
  - SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER.
  - BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR SAND.
  - TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL FROM PAVEMENT SUBGRADE TO 2.0m BELOW FINISHED GRADE SHALL MATCH EXISTING SOIL CONDITIONS.
  - SEWERS AND CONNECTIONS 150mm DIAMETER AND SMALLER TO BE PVC SDR 28 OR APPROVED EQUIVALENT. SEWERS AND CONNECTIONS 200mm DIAMETER AND LARGER TO BE PVC SDR 35 OR APPROVED EQUIVALENT.
  - INSULATE ALL SEWERS AND/OR SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22.
  - SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 3.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2.0m LONG MARKER.
  - CONTRACTOR TO TELEVISION (CCTV) ALL PROPOSED SEWERS ON SITE. OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
  - DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN.

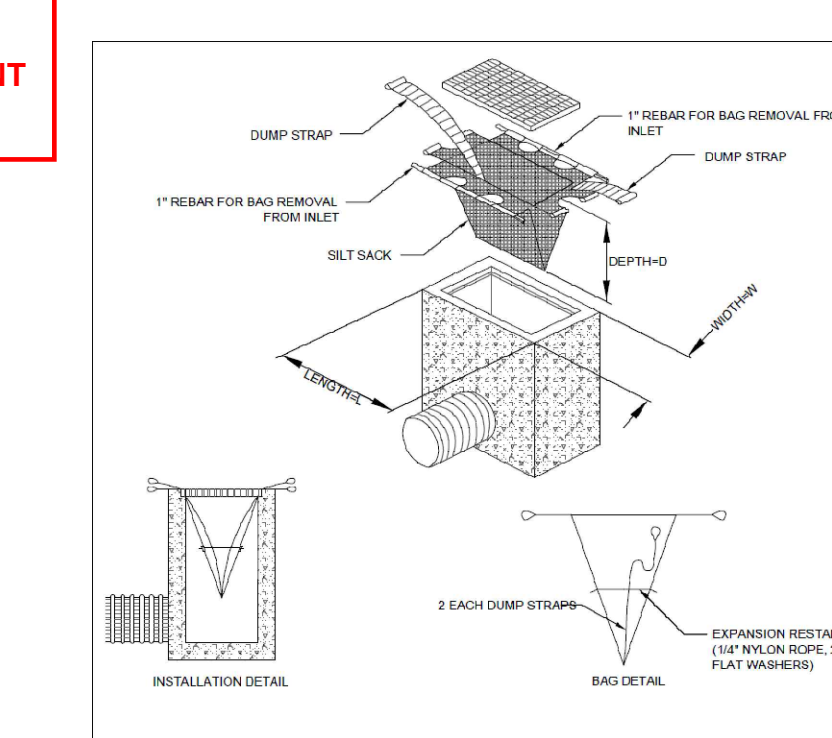
- GENERAL NOTES**
- THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.
  - THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) FAIRHALL, MOHATT, WOODLAND LTD. SURVEY PLAN #A43500 DATED APRIL 16, 2020 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
  - THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE FOR ALL LAULY.
  - THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
  - RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
  - EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY.
  - TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
  - ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
  - DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE CITY.
  - ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
  - CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE CITY SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
  - ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
  - EXISTING GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY:
    - ELECTRICAL SERVICE - HYDRO OTTAWA,
    - GAS SERVICE - ENBRIDGE,
    - TELEPHONE SERVICE - BELL CANADA,
    - TELEVISION SERVICE - ROGERS.
  - INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO OTTAWA, BELL AND THE CITY.
  - ALL PROPOSED CURB SHALL BE CONCRETE BARRIER CURB AS PER CITY OF OTTAWA STANDARD DRAWING SCL.1 UNLESS SPECIFIED.
  - ALL EXISTING REDUNDANT PRIVATE APPROACHES FRONTING THIS DEVELOPMENT MUST BE REMOVED TO THE SATISFACTION OF THE CITY.
  - NO EXCESS DRAINAGE, EITHER DURING OR AFTER CONSTRUCTION, IS TO BE DIRECTED TOWARDS NEIGHBORING PROPERTIES.
  - NO ALTERATION OF EXISTING GRADES AND DRAINAGE PATTERNS ON PROPERTY BOUNDARIES.



*Allan Hamlin*

**ALLISON HAMLIN**  
MANAGER (A), DEVELOPMENT REVIEW WEST  
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT  
DEPARTMENT, CITY OF OTTAWA

**APPROVED**  
By Allison Hamlin at 9:13 am, May 03, 2022



FILENAME: C:\Users\N.B.V. Project - Inverness Homes\Projects\CP-19-0608\Inverness Homes - The Station\_1518 Stittsville Main Street\Con12 - Drawings\CP-19-0608\PROJECT\DRAWING.dwg  
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 USER: N.B.V.

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