

### **GENERAL NOTES**

- 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
- 2. 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) ANNIS, O'SULLIVAN, VOLLEBEKK LTD DRAWING #22549-22 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
- 3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY
- 6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL
- 7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL
- SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY  $\,$ THE ENGINEER AND THE CITY. 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION.
- 9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.

## WATERMAIN NOTES

- . CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.
- . WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- 3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 4. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- VALVES TO BE OPERATED BY CITY STAFF ONLY.
- 6. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY, CITY TO BE PRESENT FOR WATERMAIN CONNECTION. CONNECTION, EXCAVATION, BACKFILLING AND REINSTATEMENT TO BE COMPLETED BY CONTRACTOR.
- 7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIGNATED MUNICIPAL WATER OPERATOR AND THE SELECTED CONTRACTOR SHALL PROVE TO THE SATISFACTION OF THE CITY THAT THEY ARE COMPETENT TO PERFORM THE WORKS PRIOR TO INITIATING CONSTRUCTION.
- 8. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD 1103.020.
- 9. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.
- 10. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.
- 11. WATER SERVICES SHALL BE TO ASTM B88 TYPE "K" SOFT. PIPES SHALL BE SEAMLESS COPPER TUBING DRAWN TO SIZE AND FURNISHED WITH PROPER BENDING TEMPER. ALL PIPING TO BE COMPLETELY DEOXIDIZED COPPER, 99.9%

- 1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY
- PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT. 5. 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.
- CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
- CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

## **SEWER NOTES:**

1. CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC

12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE

13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF

14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO

DRAINAGE AWAY FROM THE BUILDING.

TO NOTIFY THE ENGINEER PROMPTLY.

OTHERWISE SPECIFIED.

ARE SUBJECT TO THE INDIVIDUAL AGENCY:

• ELECTRICAL SERVICE - HYDRO ONE.

TELEVISION SERVICE - ROGERS.

• GAS SERVICE - ENBRIDGE, • TELEPHONE SERVICE - BELL CANADA,

UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND

SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE

PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO

SHALL BE RECTIFIED TO THE CITY'S SATISFACTION PRIOR TO

PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED

PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR

CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS

15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS

16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND

17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE

18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS

STANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE

OF THE ENGINEER/CITY.

CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD. INCLUDING THE SUPPLY. INSTALLATION. AND REMOVAL OF

ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.

11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL

- SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE. 2.1. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE
- 2.2. SUB-BEDDING, IF REQUIRED SHALL CONSIST OF 450mm OF COMPACTED GRANULAR "B" TYPE 1.

BEDDING SHALL NOT BE PERMITTED.

- 2.3. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1. 2.4. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0 METRES BELOW FINISHED GRADE) SHALL MATCH
- 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.

EXISTING SOIL CONDITIONS.

BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.

SEWERS AND CONNECTIONS 200mmØ AND LARGER TO

- INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
- SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2.
- 7. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"X8' LONG MARKER.
- 8. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED 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 SANITARY SEWER MAIN.

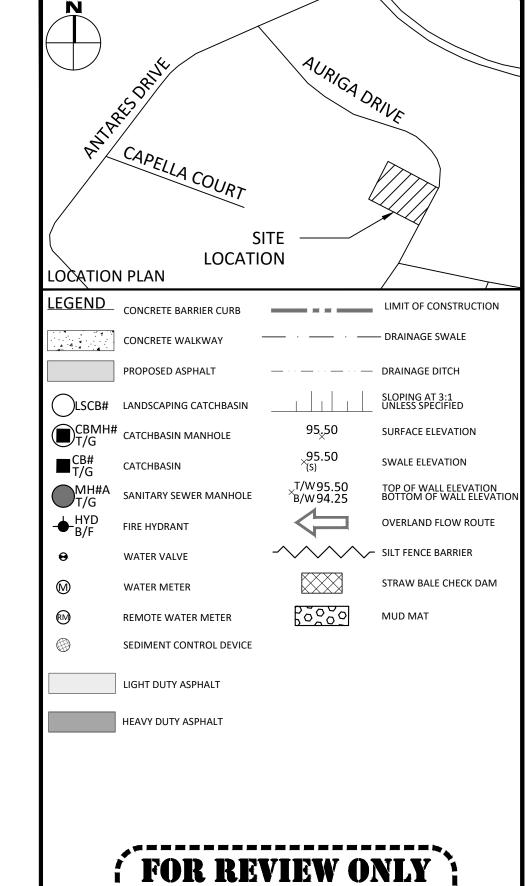
# CROSSING CONFLICT TABLE

LOCATION	DESCRIPTION	SEPARATION		
1	EX. 300mmØ SAN SEWER INV 87.20- 50mmØ WATER SERVICE TOP 86.67	0.53		
2	EX. 1350mmØ STM TOP 86.80 - 50mmØ WATER SERVICE INV = 87.3	0.50		
3	200mmØ STM INV 87.60 - 50mmØ WATER SERVICE TOP 86.85	0.75		
4	200mmØ STM TOP 87.72 - 200mmØ STM SERVICE TOP 88.09	0.37		
5	200mmØ STM TOP 87.11 - 150mmØ SAN SERVICE INV 87.62	0.51		
6	300mmØ STM TOP 86.92 - 150mmØ SAN SERVICE INV 88.16	1.24		

# WATER COVER TABLE

LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER	
WATERMAIN CONNECTION	0+100.00	89.25	86.85	2.40	
SANITARY CROSSING	0+101.75	89.27	86.67	2.60	
STORM CROSSING	0+104.77	89.25	87.35	1.90	
VALVE	0+114.39	89.30	86.90	2.40	
BUILDING	0+163 72	89 5n	97 10	2.40	

\*NOTE: CONTRACTOR TO ENSURE A MINIMUM OF 0.3m OF VERTICAL SEPARATION BETWEEN EXISTING UTILITIES. SEWERS, AND PROPOSED SERVICES \*NOTE: CONTRACTOR TO VERIFY ALL EXISTING SEWER AND UTILITY ELEVATIONS AND IMMEDIATELY ADVISE THE ENGINEER OF ANY DISCREPANCIES



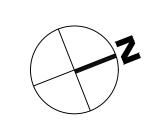
# NOT FOR CONSTRUCTION

3	REVISED PER CITY COMMENTS	2023-07-06
2	REVISED PER CITY COMMENTS	2023-05-17
1	ISSUED FOR SITE PLAN APPLICATION	2022-12-22
No.	Revisions	Date
Check	and verify all dimensions	not scale drawings

before proceeding with the work SCALE 1:250

# McINTOSH PERRY

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**ROSSMANN ARCHITECTURE** 86 BOUL. ST-JOSEPH GATINEAU, QC J8Y 3W5

PROPOSED WAREHOUSE 30 AURIGA DRIVE

Drawing Title:

SITE SERVICING PLAN

1:250 CCO-23-0914 AM