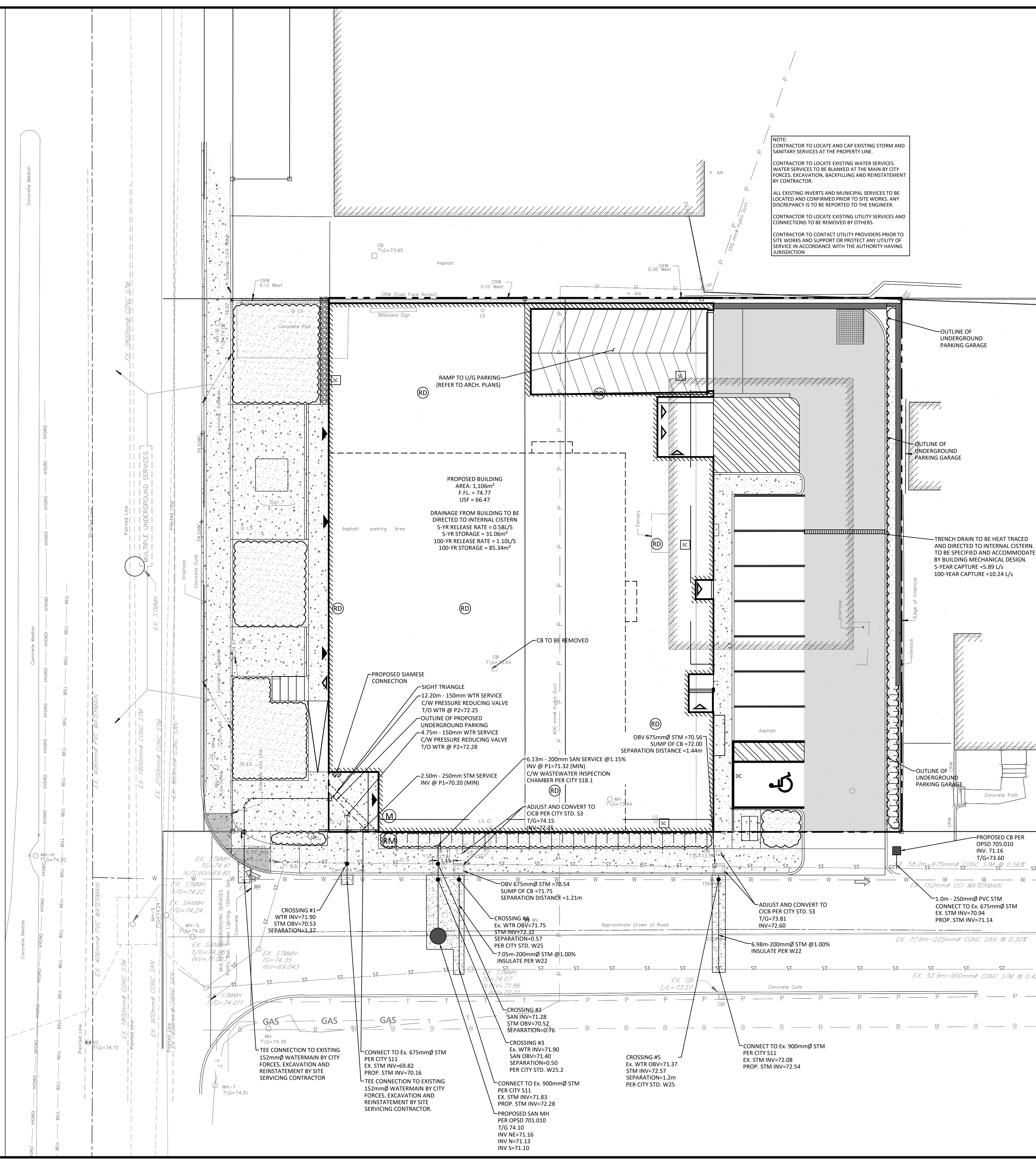


WATERMAIN NOTES

1. CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH CITY STANDARDS (IF AVAILABLE) OR AS PER OPSD STANDARDS.
2. WATERMAIN TO BE PVC DR-18 (CLASS 235 TO ANWA C900) OR APPROVED EQUIVALENT AND SHALL CONFORM TO CITY OF OTTAWA MATERIAL SPECIFICATIONS.
3. WATERMANS 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.
4. 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.
5. USE APPROVED CONNECTION WITH MAIN (CORPORATION) STOP AS PER CITY OF OTTAWA STANDARD DRAWING "W25.1".
6. CONNECTION TO EXISTING BY CITY FORCES. EXCAVATION, BACKFILLING AND REINSTATEMENT IS TO BE COMPLETED BY THE CONTRACTOR.
7. SWABING, CHLORINATION AND CONTINUITY TESTING FOR PROPOSED WATER SERVICES IS TO FOLLOW CITY OF OTTAWA SPECIAL PROVISIONS #SP-4491 & SP-4494.

SEWER NOTES

1. CONSTRUCT ALL SEWERS AND APPURTENANCES TO CITY OR TOWNSHIP STANDARDS (IF AVAILABLE) OR AS PER OPSD STANDARDS.
2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
3. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A" COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
4. SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER.
5. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR SAND.
6. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0m BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
7. 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.
8. INSULATE ALL SEWERS AND/OR SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
9. 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.
10. CONTRACTOR TO TELEWISE (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.
11. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN.
12. ALL CATCHBASIN AND CATCHBASIN MANHOLE LEADS ARE TO BE MINIMUM 200mmØ WITH MINIMUM 1.0% SLOPE UNLESS OTHERWISE NOTED.
13. ALL CATCHBASINS EXCLUDING LANDSCAPE CATCHBASINS ARE TO HAVE 150 mmØ PERFORATED PIPE FOR 3.0m ON ALL AVAILABLE SIDES AS PER CITY OF OTTAWA STANDARD DRAWING "R1".
14. BACKWATER VALVES ARE TO BE INSTALLED ON SERVICES AS PER CITY STANDARD DWG S14 AND ONE OF S14.1 OR S14.2
15. EXISTING SERVICES TO BE LOCATED BY CONTRACTOR. EXISTING WATERMAIN TO BE BLANKED AT MAIN. EXISTING STORM AND SANITARY TO BE CAPPED AT PROPERTY LINE.



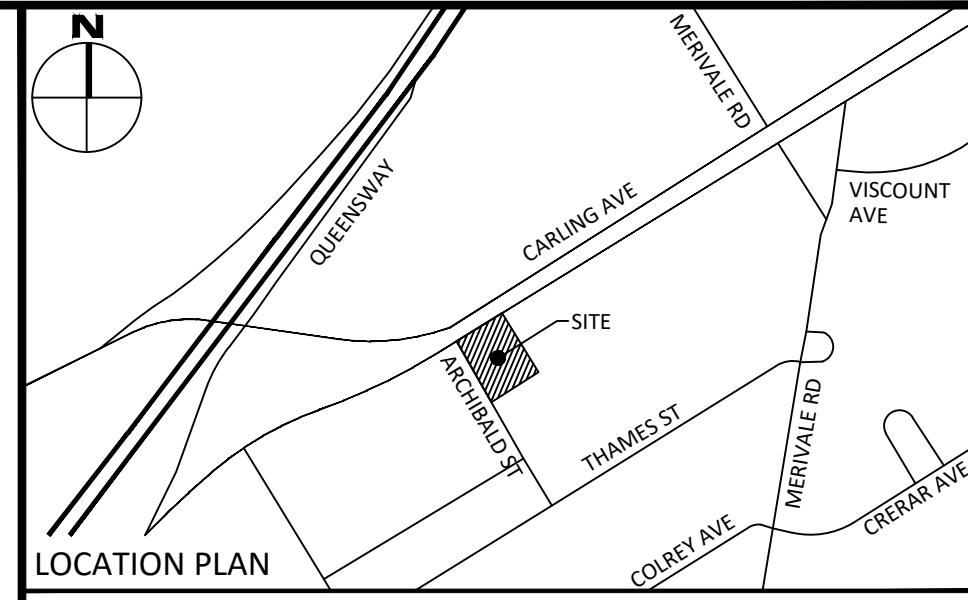
NOTE: CONTRACTOR TO LOCATE AND CAP EXISTING STORM AND SANITARY SERVICES AT THE PROPERTY LINE.

CONTRACTOR TO LOCATE EXISTING WATER SERVICES. WATER SERVICES TO BE BLANKED AT THE MAIN BY CITY FORCES. EXCAVATION, BACKFILLING AND REINSTATEMENT BY CONTRACTOR.

ALL EXISTING INVERTS AND MUNICIPAL SERVICES TO BE LOCATED AND CONFIRMED PRIOR TO SITE WORKS. ANY DISCREPANCY IS TO BE REPORTED TO THE ENGINEER.

CONTRACTOR TO LOCATE EXISTING UTILITY SERVICES AND CONNECTIONS TO BE REMOVED BY OTHERS.

CONTRACTOR TO CONTACT UTILITY PROVIDERS PRIOR TO SITE WORKS AND SUPPORT OR PROTECT ANY UTILITY OF SERVICE IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION.



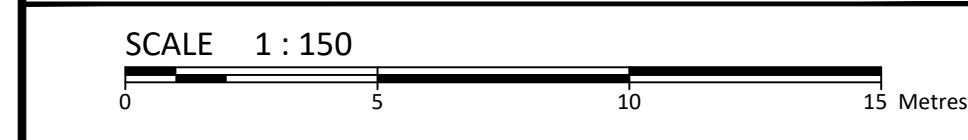
LEGEND

DC	BARRIER CURB	—	CENTRELINE OF SWALE
—	CURB DEPRESSION	—	SLOPING AT 3:1 UNLESS SPECIFIED
—	HEAVY DUTY ASPHALT	—	PROPOSED ELEVATION
—	CONCRETE SIDEWALK	—	EXISTING ELEVATION
—	PAVING STONE	—	SWALE ELEVATION
—	STORM MANHOLE	—	TOP OF WALL ELEVATION
—	CATCHBASIN OR DITCH INLET	—	BOTTOM OF WALL ELEVATION
—	LANDSCAPE CATCHBASIN	—	EMERGENCY OVERLAND FLOW ROUTE
—	SANITARY MANHOLE	—	SILT FENCE BARRIER (AS PER OPSD 219.130)
—	PERFORATED PIPE	—	STRAW BALE CHECK DAM (AS PER OPSD 219.180)
—	WATER VALVE/CHAMBER	—	BUILDING ENTRANCE OVERHEAD DOOR
—	FIRE HYDRANT	—	REMOTE WATER METER
—	CROSSING CONFLICT LOCATION	—	WATER METER
—	LANDSCAPE AREA	—	MISC. ROCK BOULDER
—	SIAMESE CONNECTION	—	SEDIMENT CONTROL DEVICE
—	OUTLINE OF ROAD CUT AND REINSTATEMENT PER CITY R10	—	PROPERTY LINE
—	—	—	ROOF DRAIN
—	—	—	ROOF SCUPPER

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

03	ISSUED FOR REVIEW	MAR 22, 2022
02	ISSUED FOR REVIEW	DEC 24, 2021
01	ISSUED FOR COORDINATION	SEP 9, 2021
No.	Revisions	Date

Check and verify all dimensions before proceeding with the work. Do not scale drawings.



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Client: **1343678 ONTARIO LTD**
2775 MOODIE DRIVE, NEPEAN, ON, K2J 4S6

Project: **24 STOREY RESIDENTIAL BUILDING**
1330 CARLING AVE

Drawing Title: **SITE SERVICING PLAN**

Scale:	1:150	Project Number:	CCO-22-1853
Drawn By:	B.G.S	Checked By:	R.D.F
Designed By:	B.G.S	Drawing Number:	C102

FILENAME: C:\Other\01 Project - 2022\01\CCO-22-1853\Drawings\CCO-22-1853 - PRESENTATION.dwg
 DATE PLOTTED: Monday, March 14, 2022 1:52:54 PM
 USER: B.G.S
 PLOTTER: HP DesignJet T1100e

D07-12-20-0063