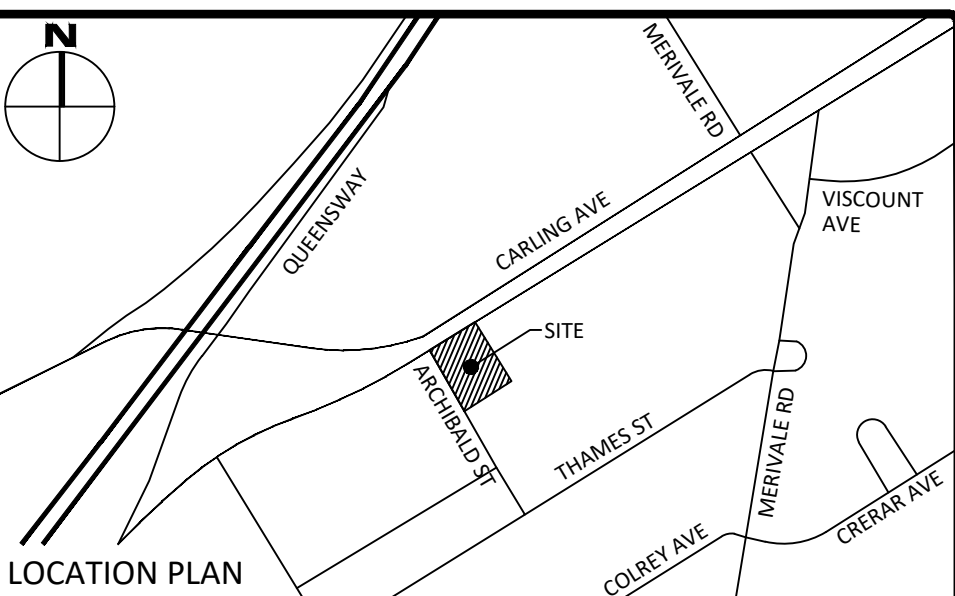
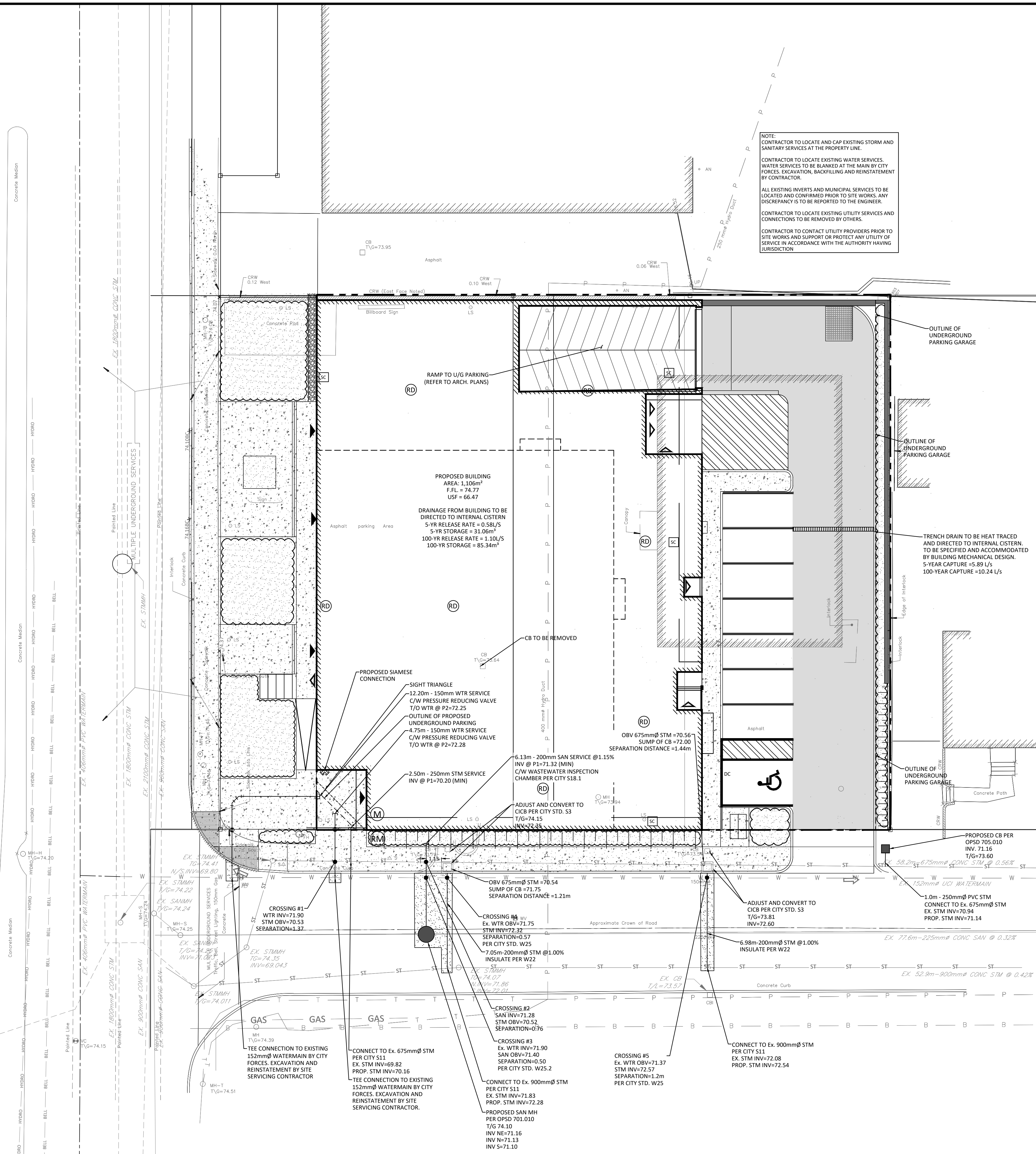


WATERMAIN NOTES

1. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH CITY STANDARDS (IF AVAILABLE) OR AS PER OPSD STANDARDS.
2. WATERMAIN TO BE PVC DR-18 (CLASS 235 TO ANWWA C900) OR APPROVED EQUIVALENT AND SHALL CONFORM TO CITY OF OTTAWA MATERIAL SPECIFICATIONS.
3. 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.
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-4691 & 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 TELEVIEW (CCTV) ALL PROPOSED SEWERS ONSITE. 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.

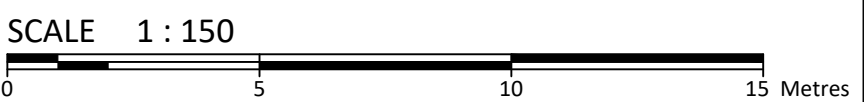


LEGEND

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

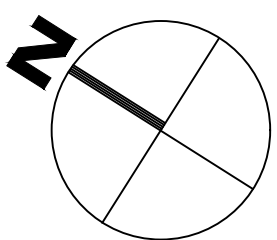
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

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|---|-------------------------|--------------|
| 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 | | |



McINTOSH PERRY

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www.mcintoshperry.com



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: |
| Drawn By: | B.G.S | CCO-22-1853 |
| Checked By: | R.D.F | Drawing Number: |
| Designed By: | B.G.S | C102 |

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
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DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lily Xu at 2:42 pm, Jun 09, 2022