

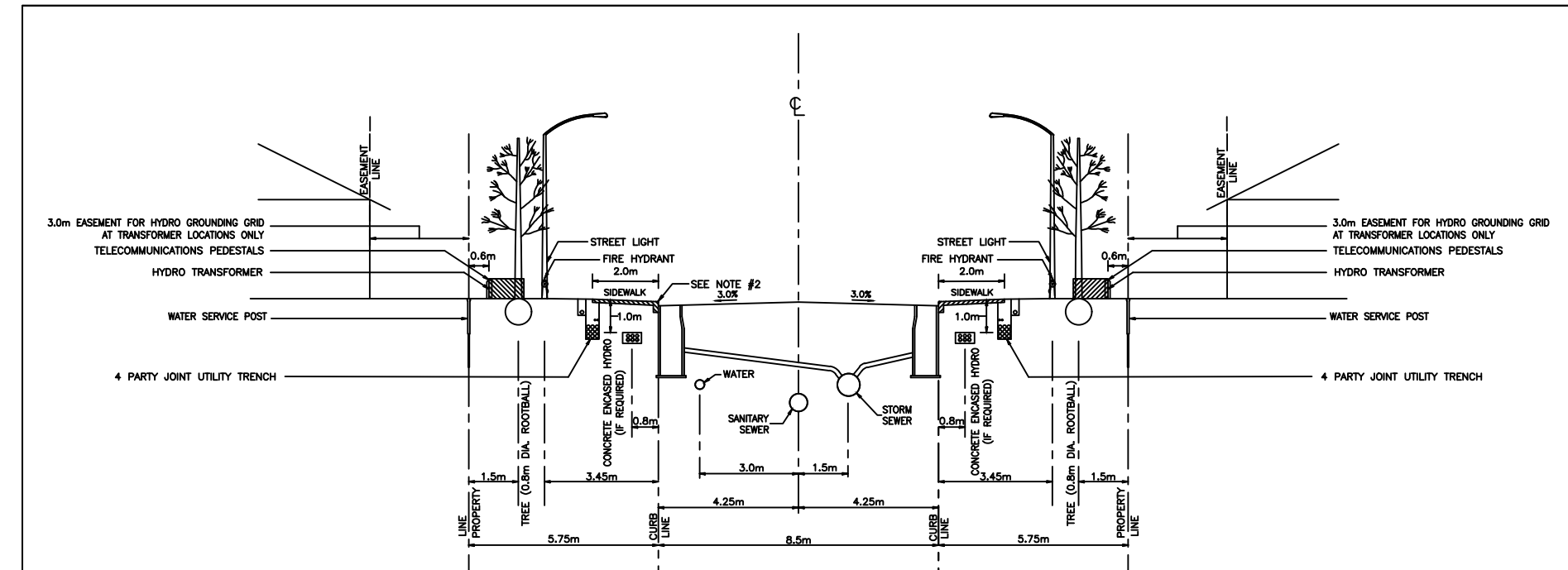
NOTES:

1. THE STANDARDS INDICATE MINIMUM DIMENSIONS THAT ARE TO BE INCORPORATED WITH THE DESIGN OF ANY NEW DEVELOPMENTS INVOLVING NEW AND EXISTING STREETS. ANY VARIATION TO THIS CODE WILL REQUIRE APPROVAL OF THE CITY OF OTTAWA.
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH APPLICABLE CITY STANDARDS.
3. ALL CONDUIT UTILITY PLANS MUST ADHERE TO THE CITY OF OTTAWA'S STANDARD LOCATION OF UTILITY PLANT DRAWINGS IN ORDER TO RECEIVE APPROVAL THROUGH THE USE PLAN CONTROL AND SUBMISSION APPROVALS PROCESS.
4. TYPICAL CROSS SECTION ROADWAYS MUST BE MAINTAINED WHEN CONSTRUCTING GAS-SE-SECS AND CORNER LOTS REGARDLESS OF ROAD WIDTH DIMENSIONS.
5. WATERMANS AND HYDRANTS TO BE INSTALLED ON SOUTH AND EAST SIDE OF ROAD UNLESS OTHERWISE SPECIFIED.
6. SANITARY AND STORM SERVICES MAY BE INSTALLED OFF THE STREET CENTERLINE TO ACCOMMODATE LARGE SIZE SERVICE PIPES AND STILL MAINTAIN THE CLEARANCES REQUIRED TO WATERMANS.
7. THE USE IN-ROAD CATCH BASINS INSTEAD OF CURB INLET CATCH BASINS SHALL BE APPROVED BY AN AUTHORIZED CITY REPRESENTATIVE.
8. THE USE OF BARRIER CURB AND MOUNTABLE CURB SHALL BE APPROVED BY AN AUTHORIZED CITY REPRESENTATIVE. MOUNTABLE CURB SHALL BE SPECIFIED FOR TYPICAL TOWNHOUSE DEVELOPMENTS.
9. BUILDING SERVICES AND WATER SERVICES ARE TO BE CONSTRUCTED AT LOCATIONS IN ACCORDANCE WITH CITY STANDARDS.
10. SANITARY AND STORM SERVICE CONNECTIONS WILL BE EXTENDED A MINIMUM OF 2.0m BEYOND THE PROPERTY LINE TO ALLOW FOR FUTURE CONNECTION. WATER SERVICE PIPE MATERIAL SHALL BE LAD IN ONE CONTINUOUS PIPE LENGTH (i.e. SPLICING AND JOINING SHALL NOT BE PERMITTED) FROM INSIDE FACE OF THE BUILDING TO THE CURBSTOP AND FROM THE CURBSTOP TO THE MAIN / CORPORATION STOP.
11. 1.5m CLEARANCE TO BE MAINTAINED AROUND WATER SERVICE POST. REFER TO LOC PROCEDURE MANUAL FOR UTILITY SPECIFICATION CONCERNING PLANT INSTALLATIONS.
12. TRANSFORMERS AND FEEDSTALLS SHALL BE LOCATED BETWEEN TOWNHOUSE BUILDING BLOCKS RATHER THAN ENCROACHING AWAY OR PREVENTING THE INSTALLATION OF ROAD ALLOWANCE TREES.
13. ALL FEEDSTALLS TO BE INSTALLED IN LINE WITH HYDRANT TRANSFORMERS OR ON HOUSE SIDE OF TRENCH.
14. THE BACK OF A HYDRANT TRANSFORMER MUST BE LOCATED A MINIMUM OF 2.0m FROM THE EDGE OF A DRIVEWAY.
15. REQUIREMENTS FOR PROTECTIVE BELLS AT TRANSFORMERS SHALL BE DETERMINED BY HYDRANT OR HYDRANT ONE ON A CASE BY CASE BASIS.
16. SERVICE LATERALS MUST BE LOCATED A MINIMUM OF 3.0m FROM THE BASE OF A HYDRANT TRANSFORMER.
17. STREET LIGHT CABLE SHALL BE PLACED IN JOINT USE TRENCH. STREET LIGHT CABLE SHALL BE AT SAME OFFSET AS STREET LIGHTS WHEN JOINT USE TRENCH NOT CONSTRUCTED.
18. TRAFFIC DUCT ALTERNATE PLACEMENT LOCATIONS ARE:
  - 1) JOINT USE TRENCH (A) LOCATION OF
  - 2) SAME OFFSET AS STREET LIGHT POLES IN A SEPARATE TRENCH.
19. OPTIONAL LOCATION FOR THE TRAFFIC COMMUNICATIONS DUCT IS A TRENCH LOCATED AT THE SAME OFFSET AS THE STREETLIGHT POLES.
20. TRAFFIC ELECTRICAL DUCTS SHALL BE PLACED IN JOINT USE DUCT BANKS TO THE SIDEWALK.
21. TRAFFIC HANDHOLES MAY BE LOCATED IN THE BOLLERWARD AREA ADJACENT TO THE SIDEWALK.
22. USE OF THE FOUR PARTY-UTILITY TRENCH WILL BE CONSIDERED AN OPTION, BUT REQUIRES THE AGREEMENT OF ALL UTILITIES PRIOR TO THE DEVELOPMENT OF ITS CONDUIT UTILITY PLAN AND MUST BE IN CONFORMANCE WITH THE GUIDELINES ESTABLISHED BY THE OTTAWA UTILITY COORDINATING COMMITTEE.
23. THE DEVELOPER SHALL SUPPLY AND INSTALL DUCTS FOR UTILITY CROSSINGS AT INTERSECTIONS.
24. ONE TREE PER LOT TYPICAL. 2 TREES ON CORNER LOT WITH ONE OF THE TREES ON THE STREET SIDE OF THE LOT.
25. SPECIFY TREE SPECIES SHALL BE SELECTED FOR SOIL TYPES AND AVAILABLE SPACES FOR PLANTINGS.
26. TREE PLACEMENT LOCATION AND TREE SPECIES WILL REQUIRE THE APPROVAL OF THE CITY.
27. TREE PLANTING SHALL BE HAND EXCAVATED FOR THOSE LOCATIONS WITH LESS THAN 1 METRE CLEARANCE TO THE A/E.
28. PRESCRIBED ORDER OF INSTALLATION:
  - SEWERS AND WATERMANS, HYDRANTS, WATER, STORM AND SANITARY SERVICE LATERALS, UTILITY STRUCTURES.
  - BASE COURSE ASPHALT, JOINT USE UTILITY TRENCH, GAS SERVICE, UTILITY LOT SERVICES, STREET LIGHTING AND THEN TREES.
  - PRESCRIBED ORDER OF INSTALLATION MAY VARY DEPENDING UPON CIRCUMSTANCES AS APPROVED BY AN AUTHORIZED CITY REPRESENTATIVE.



STANDARD NOTES  
ROAD ALLOWANCE

DATE: -  
REV: MARCH 2009  
DWG. No.: ROW-NOTES

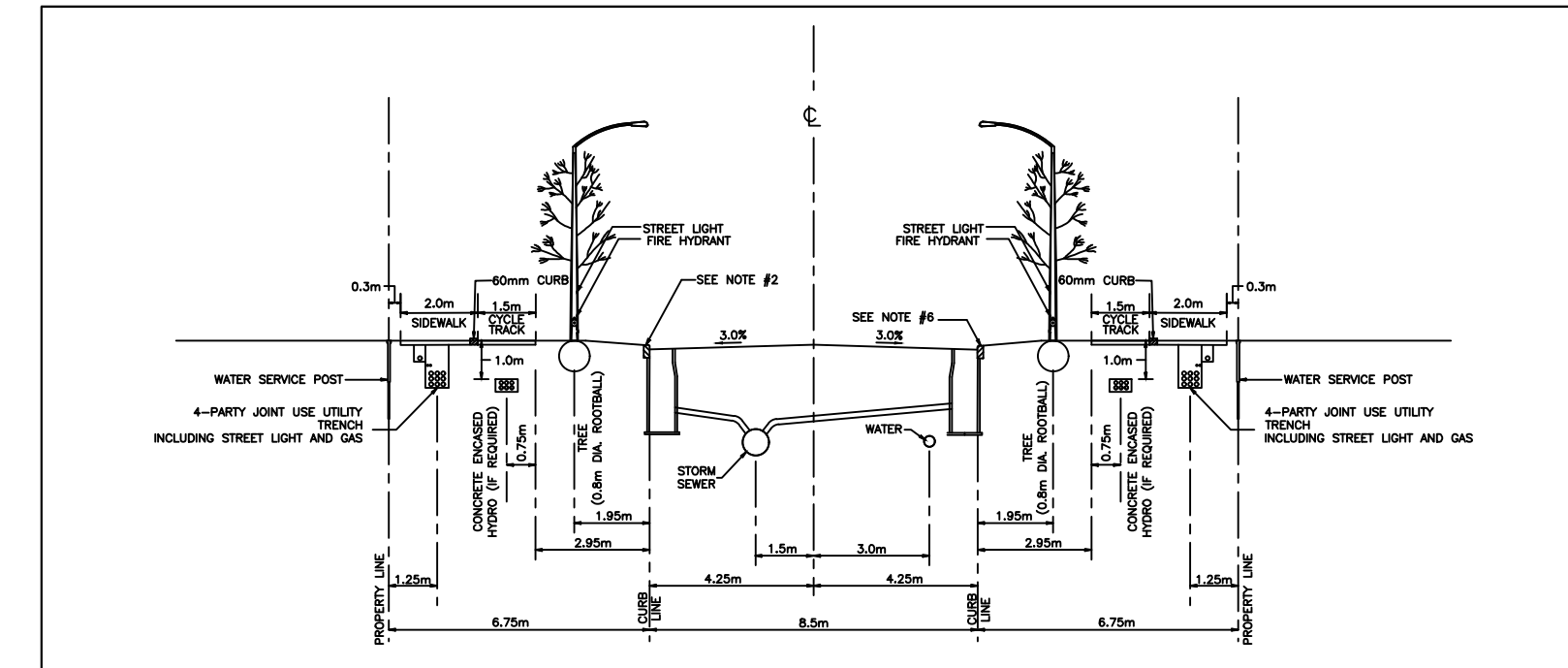


- NOTES:
1. REFERENCE STANDARD NOTES ROAD ALLOWANCE (ROW-NOTES).
  2. CONCRETE CURBS MAY BE BARRIER TYPE OR MOUNTABLE TYPE. CATCH BASIN TYPE WILL BE DETERMINED BY DESIGN GUIDELINES FOR CATCH BASIN PREFERENCE.
  3. AT CATCH BASIN AND HYDRANT LOCATIONS THE GAS MAIN SHALL HAVE A MINIMUM 0.6m CLEARANCE FROM STRUCTURE.
  4. HYDRANT TRANSFORMERS AND SERVICE ARE TO BE LOCATED ON OPPOSITE SIDE OF THE ROW UNLESS OTHERWISE SPECIFIED.
  5. REQUIREMENTS FOR PROTECTIVE BELLS AT TRANSFORMERS SHALL BE DETERMINED BY HYDRANT OR A CASE BY CASE BASIS.
  6. HYDRANT DUCTS TYPICALLY REQUIRED ON ONE SIDE OF RIGHT OF WAY SHALL PROVIDE 1.0m COVER ON ALL CONCRETE ENCASED DUCTS.
  7. HYDRANTS AND STREETLIGHTS ARE TO BE LOCATED ON OPPOSITE SIDE OF THE ROW FROM SIDEWALKS.

RESIDENTIAL ROAD  
20.0m ROAD ALLOWANCE  
4 PARTY JOINT USE TRENCH

DATE: -  
REV: MAY 2022  
DWG. No.: ROW-D01 (SW)

20m COLLECTOR ROAD  
GLENROY GILBERT DRIVE (STA 0+000.000 TO STA 0+267.900)



- NOTES:
1. REFERENCE STANDARD NOTES ROAD ALLOWANCE (ROW-NOTES).
  2. AT CATCH BASIN LOCATIONS THE GAS MAIN SHALL HAVE A MINIMUM 0.6m CLEARANCE FROM STRUCTURE.
  3. ALL FEEDSTALLS TO BE INSTALLED IN LINE WITH HYDRANT TRANSFORMERS OR ON SIDE OF TRENCH AWAY FROM ROAD.
  4. REQUIREMENTS FOR PROTECTIVE BELLS AT TRANSFORMERS SHALL BE DETERMINED BY HYDRANT ON A CASE BY CASE BASIS.
  5. HYDRANT DUCTS TYPICALLY REQUIRED ON THE SIDE OF ROW ONLY. PROVIDE 1.0m COVER ON ALL CONCRETE ENCASED DUCTS.
  6. CONCRETE CURBS MAY BE BARRIER TYPE OR MOUNTABLE TYPE. CATCH BASIN TYPE WILL BE DETERMINED BY DESIGN GUIDELINES FOR CATCH BASIN PREFERENCE.
  7. TREE SPECIES AND CLEARANCE SHALL BE DETERMINED IN CONFORMANCE WITH THE SECTIONAL RECOMMENDATIONS AND CURRENT POLICIES IN PLACE AT TIME OF PLANTING.

RESIDENTIAL ROAD  
22.0m ROAD ALLOWANCE  
4 PARTY JOINT USE TRENCH

DATE: -  
REV: MAY 2022  
DWG. No.: ROW-22

22m COLLECTOR ROAD  
RIOCAN AVENUE (STA 0+000.000 TO STA 0+082.670)

NOT FOR CONSTRUCTION

|   |        |          |                   |
|---|--------|----------|-------------------|
| 7 | S.L.M. | 24-02-08 | SUBMISSION 5      |
| 6 | S.L.M. | 23-10-06 | ISSUED FOR TENDER |
| 5 | S.L.M. | 23-09-22 | ISSUED FOR TENDER |
| 4 | S.L.M. | 23-09-06 | ISSUED FOR TENDER |

**TOPOGRAPHIC INFORMATION**  
TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-111, DATED MARCH 1, 2022.

**SITE PLAN INFORMATION**  
SITE PLAN PROVIDED BY SRN ARCHITECTS LTD., PROJECT No. S21001, DATED OCTOBER 5, 2023.

**LEGAL INFORMATION**  
CALCULATED DRAFT PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-131, DATED AUGUST 9, 2023.

**BENCH MARK**  
ELEVATIONS ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD-1928:1978) AND ARE DERIVED FROM BENCHMARK MONUMENT No. 196530071\*, HAVING A PUBLISHED ELEVATION OF 99.742 METRES.

MINTO COMMUNITIES INC. BARRHAVEN TOWN CENTRE  
GLENROY GILBERT DRIVE RIOCAN AVENUE & CHAPMAN MILLS DRIVE EXTENSION

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**STANDARD ROADWAY CROSS SECTIONS**

|                 |                |                    |
|-----------------|----------------|--------------------|
| DRAWN BY: AM    | CHECKED BY: BC | PROJECT No. 15-816 |
| DESIGNED BY: BC | CHECKED BY: SM | SHEET No. 2        |
| SCALE: AS SHOWN |                |                    |