

- APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.

CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.

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

- 6. 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. 7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL. SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND
- 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR
- 9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER
- 15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY: • ELECTRICAL SERVICE - HYDRO ONE,
- GAS SERVICE ENBRIDGE. TELEPHONE SERVICE - BELL CANADA, TELEVISION SERVICE - ROGERS.
- 16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE CITY. 17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE FOLLOWED
- DURING CONSTRUCTION 18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE
- 19. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION COMPLETED BY QUALITAS OUTAOUAIS, DATED JANUARY 2007.
- THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- 6. VALVES TO BE OPERATED BY CITY STAFF ONLY. 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.
- 8. 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.
- 9. ALL WATERMAINS SHALL BE EQUIPPED WITH BUTTERFLY AND GATE VALVES AS PER OPSD 1100.011.
- 11. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD 12. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.

3. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE

10. ALL FIRE HYDRANTS, VALVE AND VALVE BOX HSALL CONFORM TO OPSD 1103.020.

- 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.
- 4. SEWERS AND CONNECTIONS 200mmØ AND LARGER TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.
- 5. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
- 6. 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

- 8. CONTRACTOR TO TELEVISE (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 &
- 9. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

| NAME | RIM ELEV. | INVERT IN | INVERT OUT | DESCRIPTION |
|-------|--------------|---------------------|------------|--|
| CB1 | 66.75 | | SW65.250 | COVER S19 FRAME S19 STRUCT. OPSD 705.010 |
| СВМН1 | 66.75 | NE64.906 | \$64.500 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
| СВМН2 | 66.70 | N64.313 | SE64.253 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
| СВМН3 | 66.40 | NW64.066 | E64.036 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
| СВМН4 | 66.40 | W63.874 | E63.864 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 W/ 600mm SUMP TEMPEST LMF 85 ICD AT OUTLET |
| OGS1 | 66.58 | W63.763 NW64.028 | SE63.700 | HYDRO INTERNATIONAL FIRST DEFENSE MODEL FD-4HC (OR APPROVED EQUIVALENT) |

| ME | RIM ELEV. | INVERT IN | INVERT OUT | DESCRIPTION |
|------|--------------|---------------------|------------|---|
| 31 | 66.75 | | SW65.250 | COVER S19 FRAME S19 STRUCT. OPSD 705.010 |
| ИН1 | 66.75 | NE64.906 | \$64.500 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
| ⁄ІН2 | 66.70 | N64.313 | SE64.253 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
| инз | 66.40 | NW64.066 | E64.036 | COVER CITY S28.1 FRAME CITY S25 STRUC. OPSD 701.010 |
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| iS1 | 66.58 | W63.763 NW64.028 | SE63.700 | HYDRO INTERNATIONAL FIRST DEFENSE MODEL FD-4HC (OR APPROVED |

| SUBJECT SITE — | WALKLEYRD | HIGHWAY 417 |
|----------------|-----------|-------------|
| LOCATION PLAN | | (417 |
| LEGEND | | |

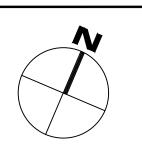
| LEGEND | | | |
|------------------------|-----------------------------------|-----------------------|---|
| | CONCRETE BARRIER CURB | | LIMIT OF CONSTRUCTION |
| 4 4 4 | CONCRETE WALKWAY | -·-·- | DRAINAGE SWALE |
| | PROPOSED ASPHALT | | DRAINAGE DITCH |
| 0000 | MUD MAT | | SLOPING AT 3:1 UNLESS SPECIFIED |
| MH# | STORM SEWER MANHOLE | 95 <u>,</u> 50 | SURFACE ELEVATION |
| UT/G →CBMH# | | ×95.50 ×(s) | SWALE ELEVATION |
| CBMH# T/G | CATCHBASIN MANHOLE | ×T/W95.50 B/W94.25 | TOP OF WALL ELEVATION BOTTOM OF WALL ELEVA |
| ■ CB# T/G | CATCHBASIN | 0/1/54.25 | OVERLAND FLOW ROUTE |
| OMH#A T/G | SANITARY SEWER MANHOLE | | |
| - → -HYD B/F | FIRE HYDRANT | | SILT FENCE BARRIER |
| ⊕ | WATER VALVE | | STRAW BALE CHECK DAM |
| ∞ | WATER METER | | PAINTED PEDESTRIAN CONNECTION WALKWAY |
| € | REMOTE WATER METER | | 5-YEAR PONDING |
| | PROPOSED LANDSCAPING WALL | | 100-YEAR PONDING |
| | TACTILE WALKING SURFACE INDICATOR | | |
| | | | |

NOT FOR CONSTRUCTION

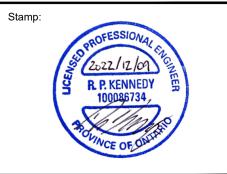
| 4 | ISSUED FOR REVIEW | | DEC. 09, 2022 |
|------|-----------------------------|--------|----------------|
| 3 | ISSUED FOR REVIEW | | OCT. 14, 2022 |
| 2 | ISSUED FOR REVIEW | | SEP. 15, 2022 |
| 1 | REVISION 1 | | JAN 28, 2022 |
| No. | Revisions | | Date |
| Chec | c and verify all dimensions | Do not | ecale drawings |

McINTOSH PERRY

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before proceeding with the work



Do not scale drawings

ROSS AND ANGLIN LTD 2920 SHEFFIELD ROAD OTTAWA, ON K1B 1A4

2920 SHEFFIELD ROAD

Drawing Title:

SITE SERVICING PLAN

| | | | | 12 |
|--------------|--------|-----------------|-------------|------|
| Scale: | 1:250 | Project Number: | | 22-(|
| Drawn By: | R.R.R. | | CCO-22-0160 | 2-2 |
| Checked By: | AG | Drawing Number: | | 7-1 |
| Designed By: | СТМ | | C102 | 0 |