

200mmØ WATERMAIN TABLE

| STATION | ELEVATION | TOP OF WATERMAIN | DESCRIPTION |
|---------|-----------|------------------|--|
| 0+000.0 | 95.75 | 93.56 | CONNECTION TO EXISTING 250mmØ WATERMAIN (INSULATION MAY BE REQUIRED) |
| 0+014.1 | 95.84 | 93.44 | VALVE AND VALVE BOX |
| 0+015.8 | 95.89 | 93.49 | 11.25' HORIZONTAL BEND |
| 0+029.7 | 95.60 | 93.20 | TEE CONNECTION FOR HYDRANT |
| 0+035.2 | 95.53 | 93.13 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+073.6 | 95.77 | 93.37 | CROSS CONNECTION WITH 200mm BUILDING SERVICES |
| 0+075.1 | 95.80 | 93.40 | VALVE AND VALVE BOX |
| 0+076.7 | 95.83 | 93.43 | SAN SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+078.9 | 95.87 | 93.47 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+111.3 | 95.70 | 93.25 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+116.1 | 95.88 | 93.48 | TEE CONNECTION TO 150mmØ WATERMAIN FOR HYDRANT |
| 0+153.6 | 95.84 | 93.44 | 45' HORIZONTAL BEND |
| 0+158.6 | 95.73 | 93.33 | SAN SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+160.5 | 95.67 | 92.70 | 45' HORIZONTAL BEND |
| 0+161.8 | 95.69 | 92.70 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 0+207.2 | 96.20 | 93.80 | CAP 1.0m FROM FOUNDATION |

150mmØ WATERMAIN TABLE

| STATION | ELEVATION | TOP OF WATERMAIN | DESCRIPTION |
|---------|-----------|------------------|---|
| 1+000.0 | 95.75 | 93.39 | FIRE HYDRANT |
| 1+001.5 | 95.82 | 93.42 | VALVE AND VALVE BOX |
| 1+006.7 | 95.57 | 93.17 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 1+019.2 | 95.60 | 93.20 | TEE CONNECTION TO 200mmØ WATERMAIN |

150mmØ WATERMAIN TABLE

| STATION | ELEVATION | TOP OF WATERMAIN | DESCRIPTION |
|---------|-----------|------------------|---|
| 2+000.0 | 96.09 | 93.69 | CAP 1.0m FROM FOUNDATION |
| 2+028.0 | 95.89 | 93.49 | VALVE AND VALVE BOX |
| 2+030.5 | 95.77 | 93.37 | CROSS CONNECTION TO 200mm WATERMAIN |
| 2+031.9 | 95.74 | 93.34 | VALVE AND VALVE BOX |
| 2+033.5 | 95.70 | 93.30 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 2+036.0 | 95.65 | 93.00 | SAN SEWER CROSSING (0.5m CLEARANCE MIN) |
| 2+052.5 | 95.91 | 93.51 | CAP 1.0m FROM FOUNDATION |

150mmØ WATERMAIN TABLE

| STATION | ELEVATION | TOP OF WATERMAIN | DESCRIPTION |
|---------|-----------|------------------|---|
| 3+000.0 | 95.88 | 93.48 | TEE CONNECTION TO 200mmØ WATERMAIN |
| 3+003.0 | 95.81 | 93.41 | SAN SEWER CROSSING (0.5m CLEARANCE MIN) |
| 3+005.5 | 95.76 | 92.87 | STM SEWER CROSSING (0.5m CLEARANCE MIN) |
| 3+051.5 | 95.99 | 93.49 | VALVE AND VALVE BOX |
| 3+052.7 | 95.99 | 93.59 | FIRE HYDRANT |

PIPE CROSSINGS

| CROSSING NO. | SANITARY INVERT | STORM INVERT | TOP OF WATERMAIN | CLEARANCE |
|--------------|-----------------|--------------|------------------|-----------|
| 1 | - | 94.07 | 93.17 | 0.90 |
| 2 | - | 93.95 | 93.13 | 0.82 |
| 3 | 91.77 | 93.95 | - | 1.98 |
| 4 | 91.96 | - | 93.30 | 0.94 |
| 5 | - | 93.63 | 93.00 | 0.63 |
| 6 | 92.09 | - | 93.43 | 0.90 |
| 7 | 92.08 | 93.63 | - | 1.35 |
| 8 | - | 94.20 | 93.47 | 0.73 |
| 9 | 91.99 | 94.14 | - | 1.95 |
| 10 | - | 93.88 | 93.25 | 0.63 |
| 11 | 92.15 | 93.86 | - | 1.51 |
| 12 | 92.18 | - | 93.44 | 0.83 |
| 13 | - | 93.47 | 92.87 | 0.60 |
| 14 | 92.39 | - | 93.33 | 0.54 |
| 15 | - | 93.34 | 92.70 | 0.64 |
| 16 | 92.52 | 93.33 | - | 0.61 |

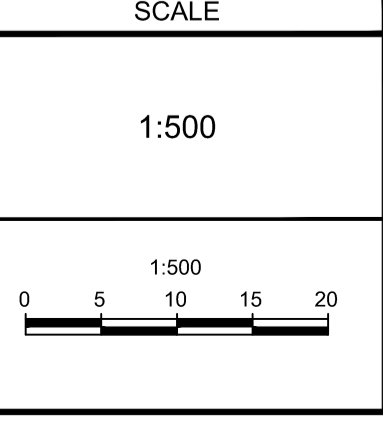
LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB AS PER CITY DETAIL SC1.1
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED SIAMISE CONNECTION
- PROPOSED CAP
- PROPOSED SANITARY SERVICE c/w MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER WITH INSULATION
- PROPOSED CULVERT
- PROPOSED STORMTECH STC-740 UNDERGROUND STORAGE SYSTEM (REFER 117148-ND FOR DETAILS)
- PROPOSED INLET CONTROL DEVICE
- PROPOSED BUILDING ENTRANCE
- PROPOSED DRIVE IN ENTRANCE
- DIRECTION OF FLOW
- PROPOSED PAVEMENT MARKINGS
- PROPOSED DECORATIVE RETAINING WALL
- PROPOSED LIGHT STANDARD (REFER TO PHOTOMETRIC PLAN DRAWINGS FOR MORE INFO)
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- SEEPAGE BARRIER (REFER TO GEOTECH REPORT FOR DETAILS)
- EXISTING UTILITY POLE c/w GUY WIRES
- EXISTING WATERMAIN c/w VALVE & VALVE CHAMBER
- EXISTING HYDRANT c/w VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORM MANHOLE & SEWER
- EXISTING STORMCEPTOR MH
- EXISTING CATCHBASIN
- EXISTING GAS MAIN
- EXISTING OVERHEAD WIRES
- EXISTING BELL LINE
- EXISTING HYDRO
- EXISTING STREETLIGHT
- EXISTING RETAINING WALL

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

REFER TO 117148-ND FOR NOTES AND DETAILS

| No. | REVISION | DATE | BY |
|-----|----------------------------------|-----------|-----|
| 1. | ISSUED FOR SITE PLAN APPLICATION | NOV 06/19 | CJR |



FOR REVIEW ONLY

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| DESIGN | ARM |
| CHECKED | CJR |
| DRAWN | ARM |
| CHECKED | CJR |
| APPROVED | JLS |

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LOCATION
4149 STRANDHERD DRIVE, CITY OF OTTAWA

DRAWING NAME
GENERAL PLAN OF SERVICES - INTERIM

PROJECT No.
117148

REV # 1
REV # 1

DRAWING No.
117148-GPI