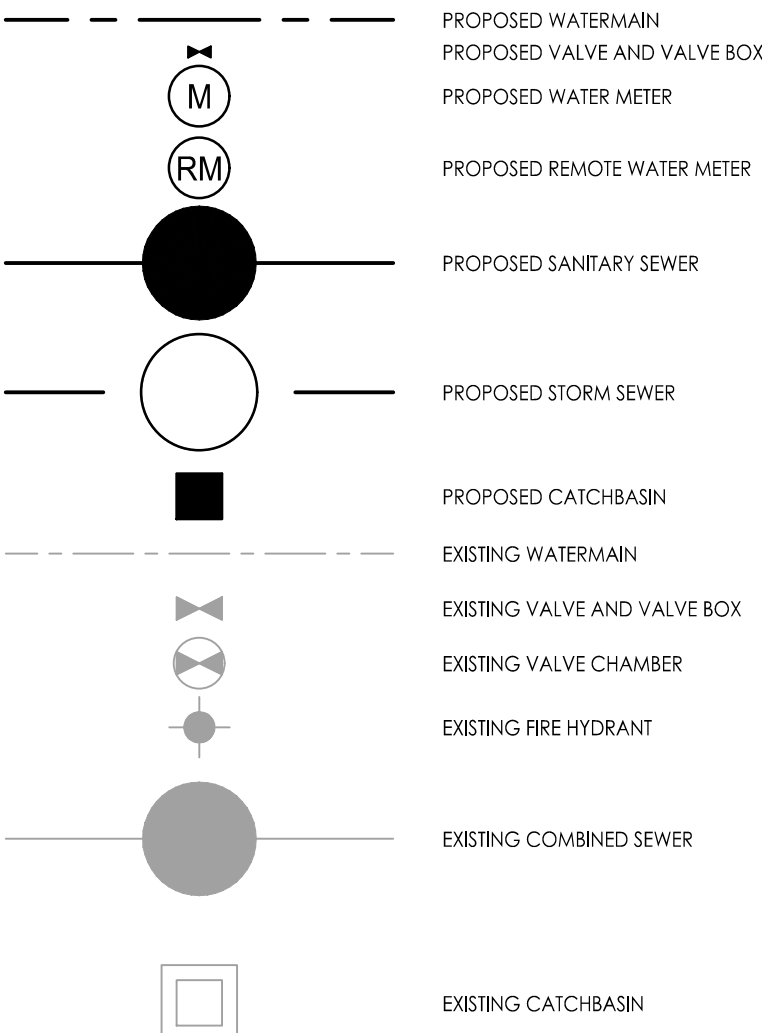


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Legend



Notes

1. SERVICE CONNECTION TO EXISTING WATERMAIN TO BE COMPLETE BY CITY FORCES, EXCAVATION, BACKFILL AND RE-INSTATEMENT BY CONTRACTOR.
2. TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED BY STANTEC GEOMATICS LTD. DATED AUGUST 16, 2018
3. SITE PLAN PREPARED BY FIGURR DATED MAY 27, 2019.
4. GEOTECHNICAL REPORT PREPARED BY STANTEC CONSULTING LTD. DATED OCTOBER 4 2018, REPORT No. 121 622263.

| | | | |
|----------|------------------------------|----|----------------|
| | | | |
| | | | |
| | | | |
| 2 | REVISED AS PER CITY COMMENTS | WJ | KK 19.08.14 |
| 1 | ISSUED FOR REVIEW | WJ | KK 18.11.07 |
| Revision | | By | Appd. YY.MM.DD |

| | | | | |
|-------------------------|------|-------|-------|----------|
| File Name: 160401443-DB | JP | KK | SL | 18.07.27 |
| | Dwn. | Chkd. | Dsgn. | YY.MM.D |

Permit-Seal

Client/Project

ROBINSON VILLAGE III
LIMITED PARTNERSHIP

4 STOREY APARTMENT
134 ROBINSON AVENUE
OTTAWA, ONTARIO

Title

SITE SERVICING PLAN

Project No.

160401443

Drawing No.

Sheet

Revision

SSP-1

2 of 5

2

DWG 17856

| SCHEDULE OF INLET CONTROL DEVICES | | | | |
|-----------------------------------|--------------|---------------------|----------------|--------------------------|
| DRAINAGE AREA ID | STRUCTURE ID | ORIFICE TYPE | 100YR HEAD (m) | 100YR RELEASE RATE (L/s) |
| C81 | C81 | IPEX TEMPEST LMF 70 | 0.84 | 3.94 |

| SEWER AND WATERMAIN CROSSING TABLE | | | | | | | |
|------------------------------------|---------|---------|---------|---------|---------|---------|-------|
| CROSSING | STM INV | STM OBV | SAN INV | SAN OBV | WTR TOP | WTR BTM | NOTES |
| 1 | 57.79 | 57.89 | 57.78 | 57.93 | 57.48 | 57.33 | |
| 2 | 57.78 | 57.98 | | | 57.40 | 57.25 | |

STORM AND SANITARY SEWERS

1. SEWER TRENCH SHALL CONSIST OF CLASS 'B' BEDDING PER CITY OF OTTAWA STANDARDS S6 AND S7. COMPACTION SHALL BE A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
2. FOR CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE ONTARIO PROVINCIAL STANDARDS DRAWINGS AND CITY OF OTTAWA STANDARDS.
3. SERVICES TO BUILDINGS TO BE TERMINATED 1.0m FROM THE FACE OF BUILDING UNLESS OTHERWISE NOTED.
4. LASER ALIGNMENT CONTROL TO BE UTILIZED ON ALL SEWER INSTALLATIONS.
5. FROST PROTECTION PER CITY OF OTTAWA STANDARD DRAWING W22 WHERE THERE IS LESS THAN 1.5m OF COVER ABOVE THE SEWER SERVICES.
6. CONTRACTOR SHALL PERFORM LEAKAGE TESTING, IN THE PRESENCE OF THE CONSULTANT, FOR SANITARY SEWERS IN ACCORDANCE WITH OPS410 AND OPS407. A COPY OF THE INSPECTION REPORT SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW.
7. STORM AND SANITARY SERVICE CONNECTION AS PER CITY STD S11.

WATERMAINS

1. ALL WATERMANS, WATER SERVICES, CONNECTIONS AND APPURTENANCES AS PER CITY OF OTTAWA STANDARDS, THE CONTRACTOR SHALL CO-ORDINATE AND PAY ALL RELATED COSTS INCLUDING THE COST OF CONNECTION, INSPECTION AND DEINFECTION BY CITY OF OTTAWA PERSONNEL. WATERMAIN TRENCH TO BE IN ACCORDANCE WITH CITY OF OTTAWA W17.
2. WATER SERVICES ARE TO BE PEX PIPE AS PER CITY OF OTTAWA STANDARD W26 (UNLESS OTHERWISE NOTED), STAND POST TO BE INSTALLED AT PROPERTY LINE.
3. ALL WATERMANS SHALL HAVE MIN. COVER OF 2.4m. WATERMANS ARE TO BE INSTALLED TO THE ELEVATIONS SHOWN ON THE AS SHOWN SITE SERVING DRAWING, WHERE SPECIFIC WATERMAIN ELEVATIONS ARE NOT SHOWN ON SERVING DRAWING, A MINIMUM COVER OF 2.4m FROM PROPOSED GRADES, AS PROVIDED ON THE GRADING PLAN, MUST BE MAINTAINED AT ALL TIMES. IN PREGRADE AREAS COVER TO BE FROM PREGRADE ELEVATIONS.
4. ALL WATERMAIN BENDS, JOINTS, TEES AND PLUGS SHALL BE MECHANICALLY RESTRAINED IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS.
5. WATERMANS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES IN ACCORDANCE WITH LOCAL PROVINCIAL GUIDELINES AND THE APPLICABLE BUILDING AND PLUMBING CODES, WHERE HORIZONTAL SEPARATIONS CANNOT BE ACHIEVED, APPROVAL FROM THE ENGINEER MUST BE OBTAINED AND A MINIMUM 300mm VERTICAL SEPARATION MUST BE MAINTAINED.
6. ALL WATERMANS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH THE CITY OF OTTAWA AND ONTARIO GUIDELINES UNLESS OTHERWISE DIRECTED. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED.
7. ALL WATERMANS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH THE CITY OF OTTAWA AND ONTARIO GUIDELINES. ALL CHLORINATED WATER TO BE DISCHARGED AND PRETREATED TO ACCEPTABLE LEVELS PRIOR TO DISCHARGE. ALL DISCHARGED WATER MUST BE CONTROLLED AND TREATED SO AS NOT TO ADVERSELY EFFECT THE ENVIRONMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL MUNICIPAL AND/OR PROVINCIAL REQUIREMENTS ARE FOLLOWED.
8. CATHODIC PROTECTION PER CITY OF OTTAWA W40 AND W42.

GENERAL NOTES

- 1 ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- 2 ALL WORKS AND MATERIALS TO CONFORM WITH CURRENT MINISTRY OF THE ENVIRONMENT & ENERGY OF ONTARIO, CITY OF OTTAWA AND ONTARIO PROVINCIAL STANDARDS AND
- 3 SPECIFICATIONS. LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
- 4 THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES
- 5 AND COORDINATION WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- 6 THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING
- 7 CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH UTILITY PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO
- 8 THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE
- 9 AT THE CONTRACTORS EXPENSE.
- 10 ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT.
- 11 THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND TO BEAR THE COST OF SAME INCLUDING WATER PERMIT AND ASSOCIATED COSTS.
- 12 ALL DISTURBED AREAS SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION THE ENGINEER AND THE CITY. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY
- 13 CUTS SHALL BE IN ACCORDANCE WITH OPSD 509.010 AND OPSD 310.
- 14 BENCHMARKS: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND
- 15 DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON DRAWING GP-1.
- 16 THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER 1 (ONE) SET OF AS CONSTRUCTED SITE SERVICING, GRADING, AND SITE ELECTRICAL DWGS.
- 17 EXISTING STORM AND SANITARY SERVICE LATERALS TO BE ABANDONED PER \$11.4 EXISTING WATER SERVICE TO BE BLANKED AT THE MAIN .