

SOAKAWAY PIT CROSS-SECTION
N.T.S.

25mm

250mm Ø HDPE STM
INLET INV 87.762

CLEARSTONE

250mm Ø PERFORATED SUBDRAIN

250mm Ø PERFORATED
SUBDRAIN @ 1.00% TOWARDS
CBMH1

OUTLET INV 87.481

CLEARSTONE

0.67m

27.37m

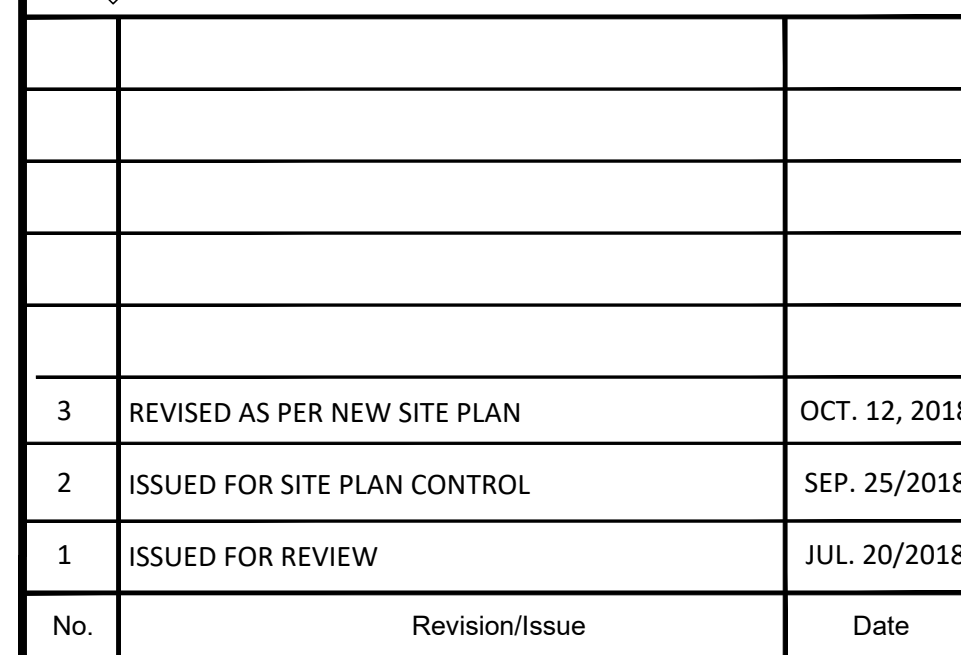
NOTES:

- SOAKAWAY PIT DIMENSIONS:
LENGTH:
WIDTH:
DEPTH:
- SOAKAWAY PIT TO BE LINED WITH GEOTEXTILE (NON-WOVEN CLASS 1)
- 250mm Ø PERFORATED SMOOTH INNER WALL PIPE c/w FILTER SOCK
- BACKFILL WITH 50mm CLEAR STONE


SEWER NOTES

1. CONSTRUCT ALL SEWER AND APPURTENANCES TO ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND DRAWINGS, AS WELL AS THE CITY OR TOWNSHIP STANDARDS AS INDICATED.
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 SR 28 OR APPROVED EQUIVALENT. SEWERS AND CONNECTIONS LARGER THAN 200mm DIAMETER AND LESS THAN 450mm DIAMETER TO BE PVC SR 35 OR APPROVED EQUIVALENT UNLESS STATED OTHERWISE. SEWERS AND CONNECTIONS 450mm DIAMETER AND LARGER TO BE CONCRETE CL 65-D OR APPROVED EQUIVALENT.
8. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES, OTHER THAN CATCH BASIN LEADS THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION.
9. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAIL TO WITHIN 1m 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, CITY MINIMUM 1.0% SLOPE UNLESS OTHERWISE NOTED. ALL CATCHBASINS EXCLUDING LANDSCAPE CATCHBASINS TO BE MINIMUM 150mmØ PERFORATED PIPE FOR 3.0m ON ALL AVAILABLE SITES AS PER CITY OF OTTAWA STANDARD DRAWING "R1".
13. ALL SAN AND STW BUILDING CONNECTIONS TO BE EQUIPPED WITH BACKWATER VALVES AS PER CITY STANDARD DRAWINGS S14 AND S14.1.



	Designed By: S.V.L.	C102
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SCALE 1 : 200



0 10 20 Metres

	Stamp: 
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Project:

745 MIKINAK ROAD
MHI VETERAN'S HOUSE

Drawing Title:

SITE SERVICING PLAN

Scale:	1:200	Project Number:	CP-16-0462
Drawn by:	S.V.L.		
Checked By:	R.P.K.	Drawing Number:	C102
Designed By:	S.V.L.		