



NOT FOR CONSTRUCTION

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY KORSIAK URBAN PLANNING
DATED JUNE 21, 2019

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY
PATRICKSON GROUP INC.
PROJ. NO. PG4064-1
DATED AUGUST 8, 2017

BENCH MARK
ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF
OTTAWA VERTICAL BENCHMARK NO. 396
ELEV= 95.06 METERS

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 17-946
DATED FEBRUARY 2019

EXISTING UNDERGROUND AND ABOVE GROUND INFORMATION
FROM WATERIDGE VILLAGE AT ROCKCLIFFE SUBDIVISION DESIGN
DRAWINGS PREPARED BY IBI GROUP (CONTRACT NO. 38298)

GENERAL PLAN OF SERVICES
DRAWING NO. 1000, DATED NOVEMBER 13, 2017
DRAWING NO. 100E, DATED AUGUST 02, 2017

GRADING PLAN
DRAWING NO. 210,211,212,214 AND 215, DATED AUGUST 8, 2017
DRAWING NO. 213, DATED NOVEMBER 13, 2017

LID SPECIFIC EROSION SEDIMENT CONTROLS (EXTRACTED FROM LOW IMPACT DEVELOPMENT (LID) STORMWATER MANAGEMENT PLANNING AND DESIGN GUIDE PREPARED BY CVC & TRCA (V 1.0, 2010) (LID GUIDE, 2010))

- 1) PRIOR TO SITE WORKS, LOCATION OF LID SHOULD BE MARKED AND VEHICLES TO AVOID THIS AREA OTHER THAN DURING THE INSTALLATION OF THE LID
- 2) DRAINAGE NOT TO BE DIRECTED TO LID PRIOR TO COMPLETION OF LANDSCAPE WORKS. CATCH BASINS NOT CONNECTED TO THE LID PRACTICES CAN BE USED DURING CONSTRUCTION FOR DRAINAGE

CONSTRUCTION SEQUENCE (EXTRACTED FROM LID GUIDE, 2010)

- 1) HEAVY EQUIPMENT AND TRAFFIC SHOULD AVOID TRAVELING OVER THE PROPOSED LOCATION OF THE FACILITY TO MINIMIZE COMPACTION OF SOIL
- 2) FACILITIES SHOULD BE KEPT "OFF-LINE" UNTIL CONSTRUCTION IS COMPLETE. THEY SHOULD NEVER SERVE AS A SEDIMENT CONTROL DEVICE DURING SITE CONSTRUCTION. SEDIMENT SHOULD BE PREVENTED FROM ENTERING THE INFILTRATION FACILITY USING SUPER SILT FENCE, DIVERSION BERMS OR OTHER MEANS
- 3) UPLAND DRAINAGE AREAS NEED TO BE PROPERLY STABILIZED WITH A THICK LAYER OF VEGETATION, PARTICULARLY IMMEDIATELY FOLLOWING CONSTRUCTION, TO REDUCE SEDIMENT LOADS
- 4) THE FACILITY SHOULD BE EXCAVATED TO DESIGN DIMENSIONS FROM THE SIDE USING A BACKHOE OR EXCAVATOR. THE BASE OF THE FACILITY SHOULD BE LEVEL OR NEARLY LEVEL
- 5) THE BOTTOM OF THE FACILITY SHOULD BE SCARIFIED TO IMPROVE INFILTRATION
- 6) GEOTEXTILE FABRIC SHOULD BE CORRECTLY INSTALLED IN THE LID. WHEN LAYING THE GEOTEXTILE, THE WIDTH SHOULD INCLUDE SUFFICIENT MATERIAL TO COMPENSATE FOR PERIMETER IRREGULARITIES IN THE FACILITY AND A 150MM MINIMUM TOP OVERLAP. VOIDS MAY OCCUR BETWEEN THE FABRIC AND THE EXCAVATED SIDES OF THE FACILITY. NATURAL SOILS SHOULD BE PLACED IN ANY VOIDS TO ENSURE FABRIC CONFORMITY TO THE EXCAVATION SIDES

1	G.G.G.	19.06.28	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	19.02.01	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION

PROJECT No. 17-946



REVIEWED BY

EROSION CONTROL PLAN
WATERIDGE - BLOCK 15 © DSEL

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DRAWN BY:	B.N.C.	CHECKED BY:	S.L.M.	DRAWING NO.	SHEET NO.
DESIGNED BY:	B.N.C.	CHECKED BY:	S.L.M.	EC-1	10 of 12
SCALE:	1:400	DATE:	FEBRUARY 2019		