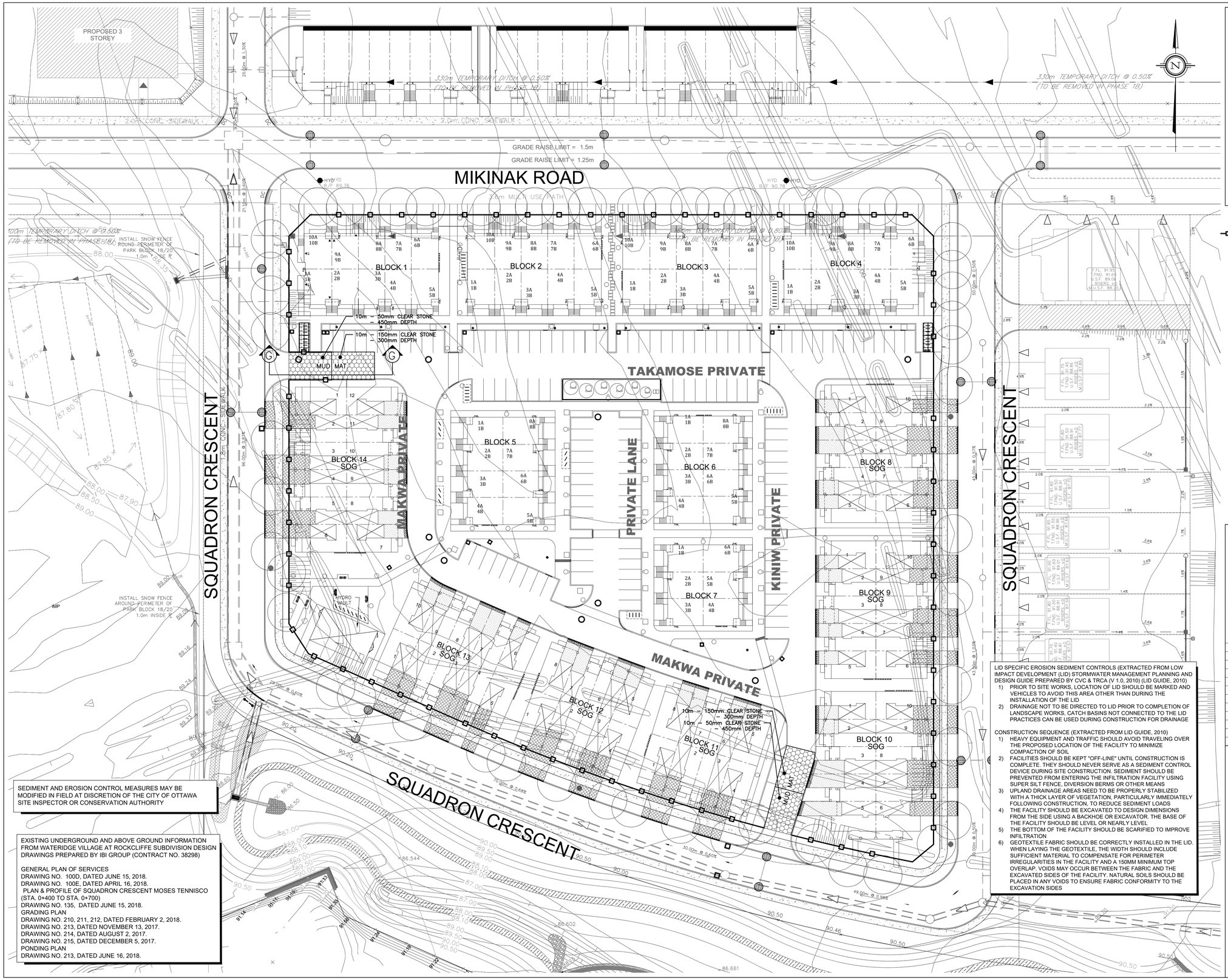
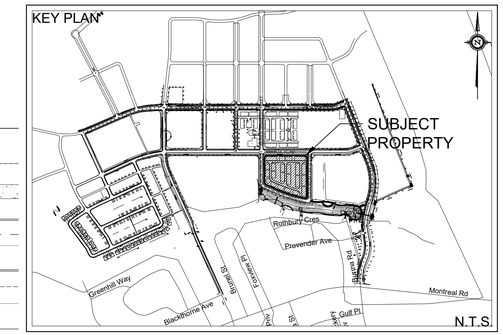




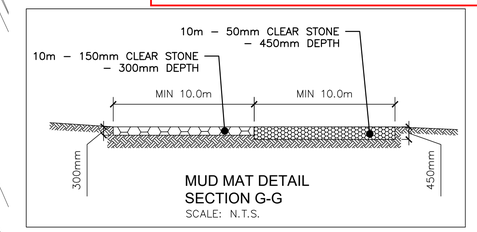
LEGEND

EROSION CONTROL FENCE PER OPSD 219.130

STREET CB SILT PRO (SEE DETAIL ON DRA

SOG — SLAB ON GRADE UNI

DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



MUD MAT DETAIL
SECTION G-G
SCALE: N.T.S.

APPROVED
By Jamesdo at 9:49 am, Feb 11, 2020

SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN FIELD AT DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY

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. 100D, DATED JUNE 15, 2018.
DRAWING NO. 100E, DATED APRIL 16, 2018.
PLAN & PROFILE OF SQUADRON CRESCENT MOSES TENNISCO (STA. 0+400 TO STA. 0+700)
DRAWING NO. 135, DATED JUNE 15, 2018.
GRADING PLAN
DRAWING NO. 210, 211, 212, DATED FEBRUARY 2, 2018.
DRAWING NO. 213, DATED NOVEMBER 13, 2017.
DRAWING NO. 214, DATED AUGUST 2, 2017.
DRAWING NO. 215, DATED DECEMBER 5, 2017.
PONDING PLAN
DRAWING NO. 213, DATED JUNE 16, 2018.

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

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY KORSIAK URBAN PLANNING
DATED FEBRUARY 4, 2020

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
PROJ. NO. PG4064–2
DATED DECEMBER 04, 2019

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 DECEMBER 2019

No.	BY	YY.MM.DD	DESCRIPTION
8	G.G.G.	20.02.04	ISSUED FOR MUNICIPAL REVIEW
7	A.J.T.	19.12.19	ISSUED FOR MUNICIPAL REVIEW
6	A.W.T.	19.12.06	ISSUED FOR MUNICIPAL REVIEW
5	G.G.G.	19.11.11	ISSUED FOR MUNICIPAL REVIEW
4	G.G.G.	19.11.01	ISSUED FOR COORDINATION
3	G.G.G.	19.10.08	ISSUED FOR MUNICIPAL REVIEW
2	G.G.G.	19.06.28	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	19.02.01	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 17-946

LICENSED PROFESSIONAL ENGINEER S. L. MERRICK 100186523 PROVINCE OF ONTARIO 2020-02-04

REVIEWED BY

EROSION CONTROL PLAN
WATERIDGE - BLOCK 15
245 SQUADRON CRESCENT

© DSEL

MATTAMY HOMES
50 Hines Road, Suite 100
Ottawa, Ontario, K2K 2M5
Tel. (613) 831-5144

DSEL
david schaeffer engineering ltd
SMART SUBDIVISIONS™
120 Iber Road Unit 103
Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
www.DSEL.ca

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	11 of 14
SCALE:	1:400	DATE:	FEBRUARY 2019		

D07-12-19-0020

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