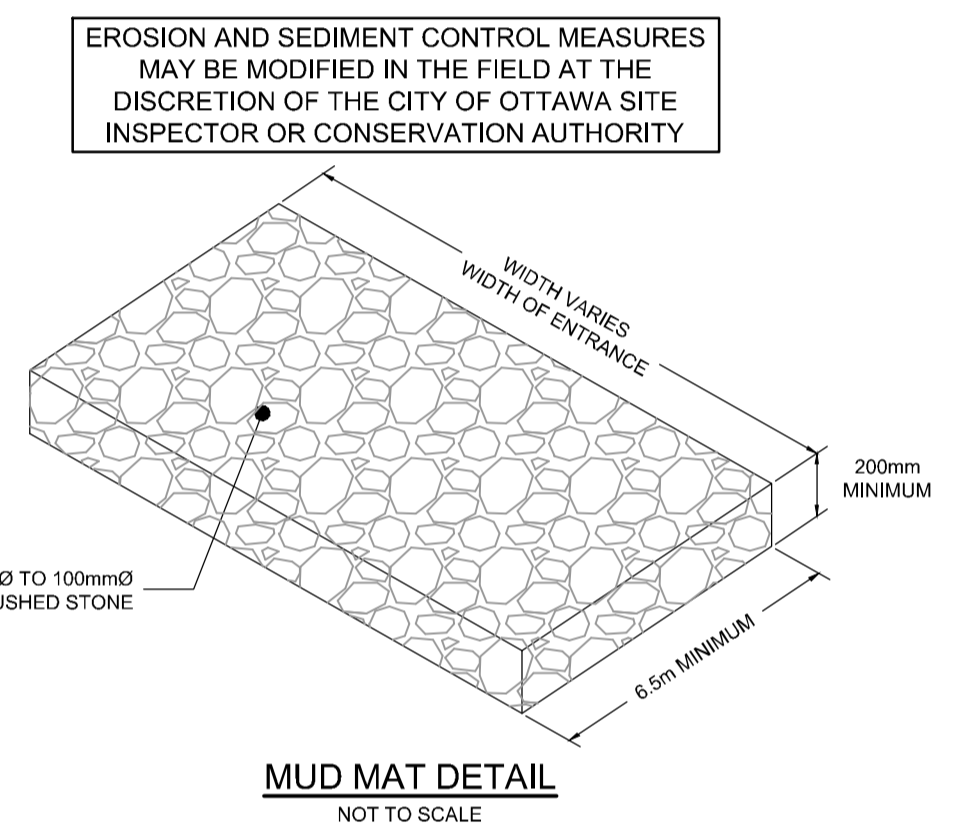


**EROSION AND SEDIMENT CONTROL NOTES:**  
 REFER TO ESC PLAN 117148-ESC FOR FURTHER DETAILS

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- 1) THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
- 2) THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- 3) SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
- 4) THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- 5) PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFF-SITE.
- 6) EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.



**LEGEND**

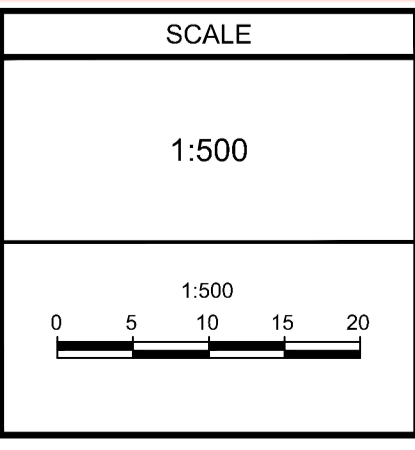
--- P.L. ---	PROPOSED DEPRESSION	DC	PROPOSED DEPRESSED CURB AS PER CITY DETAIL SCT.1
x 77.50	PROPOSED ELEVATION	MM	SWALE AND DIRECTION OF FLOW
x 76.45	EXISTING ELEVATION	MM	PROPOSED MUD MAT
x 76.95(S)	PROPOSED SWALE ELEVATION	MM	LIGHT DUTY SILT FENCE (OPSD 219.110)
96.10	PROPOSED ENTRANCE FLOOR ELEVATION	MM	TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
○	PROPOSED FIRE HYDRANT	MM	PROPOSED SECURITY GATE (REFER TO LANDSCAPE DRAWINGS)
V&V	PROPOSED VALVE AND VALVE BOX	MM	DECORATIVE SECURITY FENCE (REFER TO LANDSCAPE DRAWINGS)
▲	PROPOSED BUILDING ENTRANCE	2.0%	SLOPE AND DIRECTION
→	PROPOSED DRIVE IN ENTRANCE	○	EXISTING UTILITY POLE C/W GUY WIRES
←	DIRECTION OF MAJOR OVERLAND FLOW	V&V	EXISTING VALVE & VALVE CHAMBER
●	PROPOSED SAN MANHOLE	V&V	EXISTING VALVE & VALVE BOX
○	PROPOSED STORM MANHOLE	○	EXISTING HYDRANT
○	PROPOSED CATCHBASIN MANHOLE	SAN MH	EXISTING SANITARY MANHOLE
□	PROPOSED CATCHBASIN	STM MH	EXISTING STORM MANHOLE
---	PROPOSED HIGH POINT	○	EXISTING STORMCEPTOR MH
○	PROPOSED LIGHT STANDARD (REFER TO PHOTOMETRIC PLAN DRAWINGS FOR MORE INFO)	CB 1	EXISTING CATCHBASIN
---	PROPOSED PAVEMENT MARKINGS	LS	EXISTING LIGHT STANDARD
---	PROPOSED DECORATIVE RETAINING WALL	---	EXISTING RETAINING WALL
---	PROPOSED CURB		
---	FINISHED FLOOR ELEVATION		
---	PROPOSED GATE		
---	PHASE LIMITS		

**APPROVED**  
 By Lily Xu at 11:47 am, Nov 16, 2020

**LILY XU, MCIP, RPP**  
 MANAGER, DEVELOPMENT REVIEW SOUTH  
 PLANNING, INFRASTRUCTURE & ECONOMIC  
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS AND ISSUED FOR FINAL APPROVAL	OCT 28/20	CJR
4.	PHASE LIMIT ADDED	OCT 8/20	CJR
3.	REVISED PER CITY COMMENTS	AUG 19/20	CJR
2.	REVISED PER CITY COMMENTS	MAR 04/20	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	NOV 06/19	CJR



DESIGN FOR REVIEW ONLY

ARM

CHEKED

CJR

DRAWN

ARM

CHEKED

CJR

APPROVED

JLS

PROFESSIONAL ENGINEER

C.J. RUDDLE

OCT 28/20

PROVINCE OF ONTARIO

**NOVATECH**

Engineers, Planners & Landscape Architects

Suite 200, 240 Michael Cowpland Drive  
 Ottawa, Ontario, Canada K2M 1P6

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 Facsimile (613) 254-5867  
 Website www.novatech-eng.com

LOCATION	4149 STRANDHERD DRIVE, CITY OF OTTAWA
DRAWING NAME	GRADING AND EROSION SEDIMENT CONTROL PLAN- ULTIMATE
PROJECT No.	117148
REV #	5
DRAWING No.	117148-GR

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.

M:\2017\117148\CD\Drawings\117148-GR-ULT.dwg, 117148-GR-ULT.dwg, Oct 28, 2020 - 4:09pm, pnewcombs

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