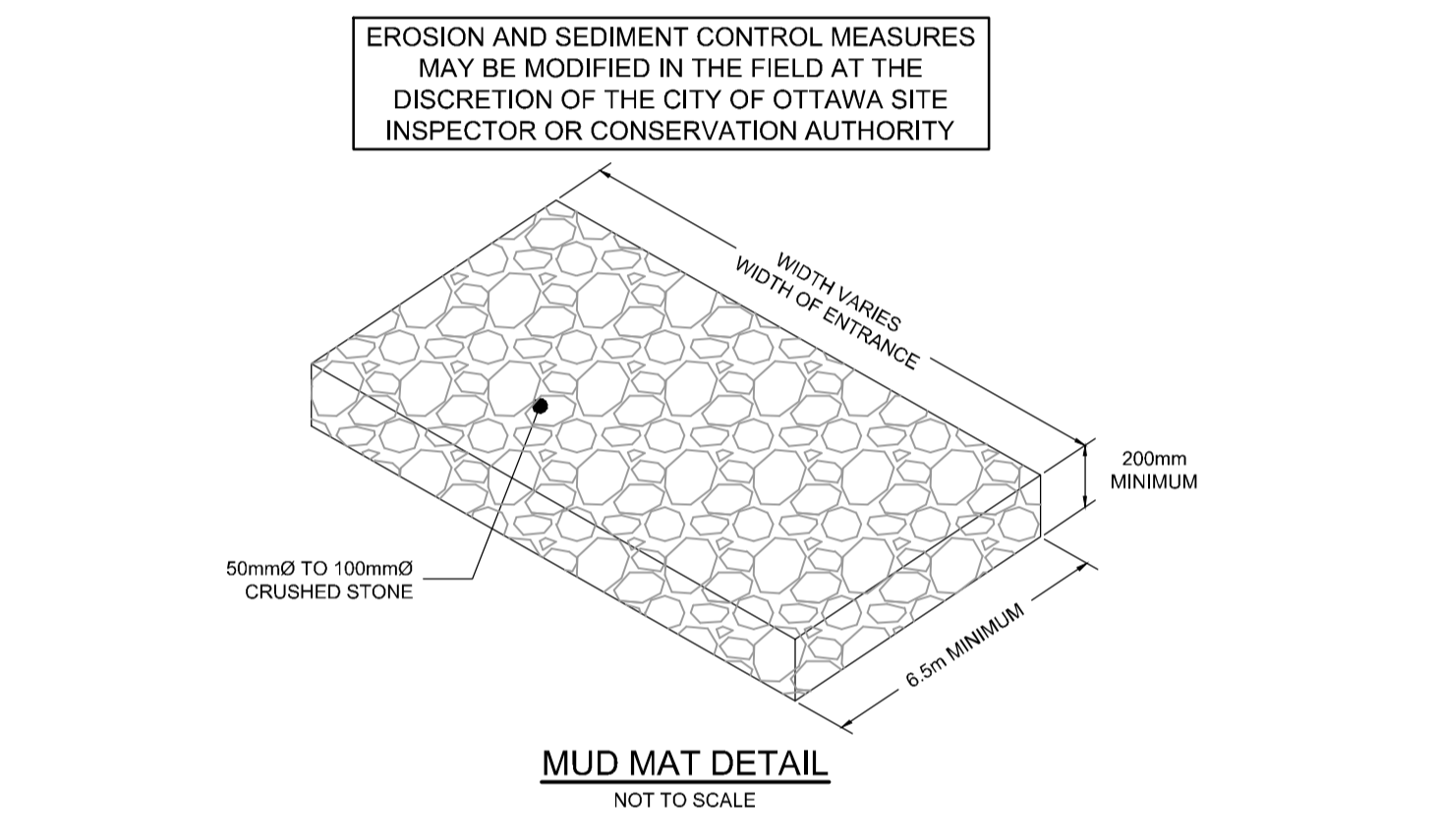


EROSION AND SEDIMENT CONTROL NOTES:
 REFER TO ESC PLAN 117148-ESC FOR FURTHER DETAILS

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 OFFSITE.
- 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

---	PROPERTY LINE	DC	PROPOSED DEPRESSED CURB AS PER CITY DETAIL SC1-1
x 77.50	PROPOSED ELEVATION	→	SWALE AND DIRECTION OF FLOW
x 76.45	EXISTING ELEVATION	M M	PROPOSED MUD MAT
x 76.35(S)	PROPOSED SWALE ELEVATION		LIGHT DUTY SILT FENCE (OPSD 219.110)
96.10	PROPOSED ENTRANCE FLOOR ELEVATION		STRAWBALE CHECK DAM (OPSD 219.180)
○	PROPOSED FIRE HYDRANT		TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
V&V	PROPOSED VALVE AND VALVE BOX	---	PROPOSED SECURITY GATE (REFER TO LANDSCAPE DRAWINGS)
→	PROPOSED BUILDING ENTRANCE	---	DECORATIVE SECURITY FENCE (REFER TO LANDSCAPE DRAWINGS)
→	PROPOSED DRIVE IN ENTRANCE	2.0%	SLOPE AND DIRECTION
←	DIRECTION OF MAJOR OVERLAND FLOW	→	EXISTING UTILITY POLE C/W GUY WIRES
○	PROPOSED SAN MANHOLE	V&V	EXISTING VALVE & VALVE CHAMBER
○	PROPOSED STORM MANHOLE	V&V	EXISTING VALVE & VALVE BOX
○	PROPOSED CATCHBASIN MANHOLE	SAN MH	EXISTING HYDRANT
□	PROPOSED CATCHBASIN	STM MH	EXISTING SANITARY MANHOLE
○	PROPOSED CULVERT	STM MH	EXISTING STORM MANHOLE
H.P.	PROPOSED HIGH POINT	CB 1	EXISTING STORMCEPTOR MH
○	PROPOSED LIGHT STANDARD (REFER TO PHOTOMETRIC PLAN DRAWINGS FOR MORE INFO)	LS	EXISTING CATCHBASIN
▨	PROPOSED PAVEMENT MARKINGS	---	EXISTING LIGHT STANDARD
▨	PROPOSED DECORATIVE RETAINING WALL	---	EXISTING RETAINING WALL
---	PROPOSED CURB		
---	PHASE LIMIT		

REFER TO 117148-ND FOR NOTES AND DETAILS

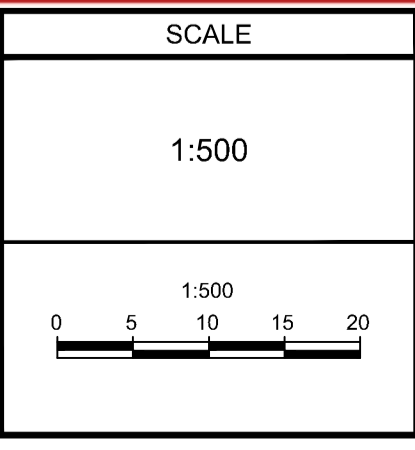
NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

APPROVED
 By Lily Xu at 11:48 am, Nov 16, 2020

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

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 SITE PLAN	AUG 21/20	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
 CHECKED
 CJR
 DRAWN
 ARM
 CHECKED
 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
 Telephone: (613) 254-9643
 Facsimile: (613) 254-5867
 Website: www.novatech-eng.com

LOCATION 4149 STRANDHERD DRIVE, CITY OF OTTAWA	PROJECT No. 117148
DRAWING NAME GRADING AND EROSION SEDIMENT CONTROL PLAN - INTERIM	REV # 5
DRAWING No. 117148-GR1	

M:\2017\117148\CD\Drawings\117148-GR-INT.dwg, 117148-GR-INT.dwg, Oct 29, 2020, 8:29am, pmmacomb

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