





No.	TITLE	DATE	REV.
219.110	LIGHT DUTY SILT FENCE BARRIER	NOV. 2015	2
219,240	DEWATERING TRAP	NOV. 2015	2
405,010	MAINTENANCE HOLE STEPS, HOLLOW	NOV, 2013	3
509,010	PAVEMENT REINSTATEMENT FOR UTILITY CUTS	NOV. 2013	2
701,010	PREGAST CONCRETE MAINTENANCE HOLE, 1200MM DIAMETER	NOV. 2014	5
701,021	MAINTENANCE HOLE BENCHING AND PIPE OPENING DETAILS	NOV. 2014	4
701.030	PRECAST CONCRETE MAINTENANCE HOLE COMPONENTS, 1200MM DIAMETER TAPERED TOP AND FLAT CAP		4
701.031	PRECAST CONCRETE MAINTENANCE HOLE COMPONENTS, 1200MM DIAMETER TAPERED TOP AND FLAT CAP	NOV. 2014	2
704,010	PRECAST CONCRETE ADJUSTMENT UNITS FOR MAINTENANCE HOLES, CATCH BASINS, AND VALVE CHAMBERS	NOV. 2014	3
1006.020	SEWER SERVICE CONNECTIONS FOR RIGID MAIN PIPE SEWER	NOV. 2016	3

GRADING NOTES:

3. ANY SOFT AREAS EMDENT FROM THE PROPOSITION SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMMATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL BUSINESS.

4. THE GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILLUSED BELOW THE PROP OSED PAVEMENTS SHOULD BE COMPACTED TO AT LEAST 59% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.

5. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS LINEESS OTHERWISE NOTED 6. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.

ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.

8. ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1).

S. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS 10. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING

AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.

EROSION AND SEDIMENT CONTROL NOTES:

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES. T PROVIDE FOR PROTECTION OF THE AREA DRANAGE SYSTEM AND THE INCLUDES LIMITION THE AND AND TO EXPOSED SOL, USING PILTER CLOT UNDER THE GRATES OF CATCH BASINS AND MANAOLES AND INSTALLING SLIF FENCES AND OTHER SEDIMENT TRAPS.
- FOR SILT FENCE BARRIER USE OPSD 219,110 GEOTEXTILE FOR SILT FENCE SHALL BE ACCORDING TO OPSS 1860, TABLE 3.
- EXCEPT AS PROVIDED IN PARAGRAPHS 4.(17), 17d (7) BELOW, STABILIZATION MEASURES SHALL BE INTINTED AS SOON AS FEASIBLE IN PORTIONS OF THE STEWNERC CONSTRUCTION ACTIVITY SE HAVE TEMPORARILY OR FERNAMENTLY CRASED, BUT IN NO CASE MORE THANDAYS AFTER THE CONSTRUCTION ACTIVITY FAR TEMPORARILY OR PERMANENTLY CRASED.
- WHERE THE INITIATION OF STABILIZATION MEASURES BY THE MTH DAY AFTER CONSTRUCTION ACTIMITY TEMPORARILY OR PERMANENTLY CEASE IS PRECLUCED BY SKOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS SECRETARIA.
- SI DELIGNATION MEDISIONES SHALL SERVITATED AS SOUR AS PEASIBLE. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN AT DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE THE SITE WITHIN ACTIVITY CONSTRUCTION ACTIVITY IS TEMPORABLE CEASED IN LESS THAN 21 DAYS THEN STABILIZATION MESSURES DO NOTH AWAR TO SERVITATED ON THAT PORTION OF SITE BY THE 14TH DAY AFFER CONSTRUCTION ACTIVITY TEMPORAPHY, COASED.
- SEDIMENT THAT IS ACCUMULATED BY THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN A MANNER THAT AVIOS ESCAPE OF THE SEDIMENT TO THE DOWNSTROM SOFO FTHE CONTROL MEASURE AND AVIOS DAMAGE TO THE CONTROL MEASURE AND AVIOS DAMAGE TO THE CONTROL MEASURE SEDIANTS THAT BE REMOVED TO THE LEVEL OF THE GRADE CUST THAT THE THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE FOLLOWING.
 - 5.1. FOR LIGHT DUTY SEDIMENT BARRIERS ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE LESSER OF THE FOLLOWING: 5.13. A DEPTH OF ONE HALF THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE. 5.1.2. A DEPTH OF 300 MM IMMEDIATELY UPSTREAM OF THE CONTROL MEASURE.
 - FOR ALL CONTROL MEASURES, ACCUMULATED SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM MAINTENANCE REPAIRS.
 - ACCUMULATED SEDIMENT SHALL BE REMOVED IMMEDIATELY PRIOR TO THE REMOVAL OF THE CONTROL MEASURE.
 S.A. ACCUMULATED SEDIMENT IS TO BE REMOVED AND DISPOSED OF AS PER OPES 150.
- DUST CONTROL IMPASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING, THE USE OF WATER, CALCIUM CHLORIGE FLAKESSOLLITON STATEMENT OF THE STATEMENT OF THE STATEMENT OF THE STATEMENT OF SOLS WING HIM NAY TRANSPORT SEDIMENTS OFFSITE, WHERE THEY MAY BE WASHED INTO THE RECEIPING WATER BY THE INSET REPISTORIES.
- ALL 'GREEN AREAS' TO BE TREATED WITH 150mm TOPSOIL AND SOD AS SOON AS FEASIBLE, AS PER OPSS 570.
- TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 56% STANDARD PROCTOR DENSITY.
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 11. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECEIVERS (E.G. STORM CATCHBASINS, MAHHOLES), AND BE SURROUNDED BY EROSON CONTROL MEASURES WHERE MATERIAL IS TO BE LEFT IN PLACE IN EXCESS OF 14 DAYS.
- 12. F RECURRED, DEMMERRINGSETTLING CATCHBASINS SHALL BE CONSTRUCTED FOR PEOPLE OF TAXABLE CONTROLLED FOR AN ALL COLOR SHALL SH
- ALL EROSON AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSS 577.
- WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSS 518.
- ALLSETTLINGFILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) AND SHALL BE CLEANED AND REPLACED AS REQUIRED.
- AND REPLACED AS REQUIRED.

 FOR ROTEN ALSPILLS, THE CONTRACTOR SHALL HAVE ON SITE AT ALL MANABELS. THE CONTRACTOR SHALL HAVE ON SITE AT ALL MANABELS. THE CONTRACTOR SHALL HAVE ON SITE AT AND SERVICE PLACE.

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LOCATION PLAN

LEGEND

PROPERTY LINE	
LIMIT OF CONSTRUCTION	
DIRECTION OF SURFACE WATER DRAINAGE	1,5%
PROPOSED GRADE	×148.22
PROPOSED GRADE (TOP OF WALL)	×149.39TW
PROPOSED GRADE (BOTTOM OF WALL)	×148,29BW
PROPOSED GRADE (TOP OF CURB)	×148,53TC
PROPOSED GRADE (BOTTOM OF CURB)	×148.43BC
EXISTING GRADE	×149.40EX
PROPOSED STORMCEPTOR	0
PROPOSED STORMWATER MANHOLE	@
PROPOSED SANITARY MANHOLE	•
PROPOSED CATCH BASIN	28
EXISTING CATCH BASIN	⊠
EXISTING MANHOLE	8
EMERGENCY OVERLAND FLOW ROUTE	$\langle \neg$

LIST OF DRAWINGS

SUTTERME

SG-01 (SITE GRADING, DRAINAGE AND EROSION CONTROL PLAN) SS-01 (SITE SERVICING PLAN)

SITE PLAN INFORMATION

SURVEY INFORMATION

BENCHMARK

ELEVATIONS SHOWN HERE ARE GEODETIC AND WERE ESTABLISHED USING LEICA SMARTNET AND ARE TRANSFORMED TO ORTHOMETRIC HEIGHTS USING HTZ-0.

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2.	SPA REVISION 1	NOV.17, 2017	N
1.	ISSUED FOR SITE PLAN APPLICATION (SPA)	MAR.31, 2017	N
NO	REVISION	DATE	8



CITY OF OTTAWA

SITE GRADING, DRAINAGE 8 **EROSION CONTROL PLAN**



SIGNED BY: MS	DATE: JULY, 2015	CHECKED BY: NM
RAWN BY: MS	PROJECT No:	APPROVED BY: NM
ALE: 1:100		DRAWING No:
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