

1. ALL SEDIMENT CONTROL MEASURES SUCH AS SEDIMENT CONTROL FENCE, TEMPORARY PONDS, CONSTRUCTION ACCESS MATS, SEDIMENT TRAPS, SWALES AND CHECK DAMS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE WORKS.
2. SEDIMENT CONTROLS SHOULD BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT RAINFALL EVENT. REPAIRS TO ESC MEASURES MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT MIGRATION.
3. ADDITIONAL MATERIALS SUCH AS CLEAR STONE, FILTER FABRIC, PUMPS, HOSES AND SILTSCREEN TO BE KEPT ONSITE AT ALL TIMES FOR CONDUCTING REPAIRS TO SEDIMENT CONTROL MEASURES.
4. ALL DISTURBED AREAS LEFT INACTIVE FOR MORE THAN THIRTY DAYS ARE TO BE STABILIZED.
5. THE STABILIZATION SEED MIXTURE IS TO BE AS SPECIFIED ON THE EROSION AND SEDIMENT CONTROL PLAN.
6. THE STABILIZATION SEED MIXTURE IS TO BE APPLIED AT A MINIMUM RATE OF 25 kg/ha.
7. ENGINEER CHANGES TO THE ESC MEASURES MAY BE NEEDED AS SITE CONDITIONS CHANGE THROUGHOUT THE CONSTRUCTION PROCESS. THESE UPDATES MUST REFLECT BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION ONSITE AND SHOULD BE COMPLETED BASED ON DIRECTION FROM THE SITE ENGINEER. ADDITIONAL MEASURE MAY BE REQUIRED AS DIRECTED BY AN ENGINEER THROUGHOUT THE CONSTRUCTION PROCESS.
8. SEDIMENT CONTROL FENCE IS TO BE INSTALLED AS THE FIRST STEP IN THE SITE STABILIZATION PROCESS.
9. SEDIMENT CONTROL FENCE IS TO BE INSTALLED DOWNWIND OF ALL DISTURBED AREAS. A DOUBLE ROW OF SEDIMENT CONTROL FENCE IS TO BE INSTALLED SURROUNDING ALL NATURAL HERITAGE FEATURES AND AS DIRECTED BY THE SITE ENGINEER. SEDIMENT CONTROL FENCE IS TO BE AS PER LRSOA STANDARD ESC-4 OR ESC-5 AS A MINIMUM. LIGHT DUTY SEDIMENT CONTROL FENCE IS NOT ACCEPTABLE.
10. CUT-OFF SWALES OR DITCHES ARE TO BE INSTALLED AS SHOWN ON THE ESC PLANS AND AS NECESSARY BASED ON CHANGING SITE CONDITIONS TO DIRECT OVERLAND FLOW TO THE APPROPRIATE SEDIMENT TRAP OR TEMPORARY SEDIMENT POND.
11. CHECK DAMS ARE TO BE INSTALLED IN ALL SWALES AND DITCHES IN ACCORDANCE WITH DRAWING LRSOA-ESC-2. AS A MINIMUM
12. TEMPORARY SEDIMENT TRAP(S) ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION. IT MAY BE NECESSARY FOR TEMPORARY SWALES TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT TRAP(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
13. TEMPORARY SEDIMENT POND(S) ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION. IT MAY BE NECESSARY FOR TEMPORARY SWALES TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT POND(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
14. A 150mm SLIPSTITCH OR APPROVED EQUIVALENT TO BE INSTALLED DOWNSTREAM FROM SEDIMENT TRAP AND TEMPORARY SEDIMENT POND OUTLETS TO A MINIMUM HEIGHT OF 300mm.
15. IF STOCKPILES ARE USED ON-SITE FOR THE STORAGE OF EXCESS MATERIAL, THEY ARE TO BE IN ACCORDANCE WITH DETAIL DRAWING LRSOA-ESC-6 OR BETTER.
16. ANY Dewatering OCCURRING ONSITE MUST BE IN ACCORDANCE WITH AN APPROVED dewatering PLAN. ADDITIONAL dewatering REQUIREMENTS MAY BE DEEMED NECESSARY BY THE ENGINEER, COORDINATOR OR LOCAL MUNICIPALITY.
17. THE SITE TRAILER IS TO BE LOCATED ONLY AT THE DESIGNATED LOCATION SHOWN ON THE PLANS.
18. EQUIPMENT AND HYDROCARBON STORAGE IS TO OCCUR ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS.
19. REFUELING IS TO TAKE PLACE ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS AND SHALL BE A MINIMUM OF THIRTY METRES FROM ANY WATERCOURSE OR ENVIRONMENTALLY SENSITIVE AREA.
20. AN APPROVED SPILLS MANAGEMENT PLAN IS TO BE KEPT ONSITE.
21. SPILL CLEANUP EQUIPMENT SUCH AS ABSORPTIVE MEDIA IS TO BE MAINTAINED ONSITE FOR IMMEDIATE USE IN THE EVENT OF A SPILL.
22. SPILLS ARE TO BE REPORTED IMMEDIATELY TO THE MEC SPILLS ACTION CENTRE AT 1-800-268-6060.
23. THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEAN-UP AND RESTORATION, INCLUDING ALL COSTS, DUE TO THE RELEASE OF SEDIMENT FROM THE SITE.
24. ALL MATERIALS AND EQUIPMENT USED IN MEASURES ARE NOT TO BE USED AS SEDIMENT CONTROL DEVICES.
25. ADDITIONAL SEDIMENT CONTROL DEVICES MAY BE DEEMED NECESSARY AND AS SITE CONDITIONS CHANGE AND SHALL BE INSTALLED AS DIRECTED BY THE SITE ENGINEER, CONTRACT ADMINISTRATOR OR LOCAL MUNICIPALITY.

1	SWM GUIDELINES UPDATE	06.2016	<div style="text-align: center;"> <h1>EROSION AND SEDIMENT CONTROL PLAN NOTES</h1> </div>		DATE: 11.2021
2	SWM GUIDELINES UPDATE	11.2021			SCALE: NTS
NO.	REVISION	DATE		LSRCA ESC-1	

EROSION AND SEDIMENT CONTROL PLAN NOTES

LSRCA ESC-

1. ALL DIMENSIONS ARE IN METRES (m) AND ALL PIPE SIZES ARE IN MILLIMETRES (mm), UNLESS OTHERWISE SPECIFIED.
2. THE NOTES ON THE PLANS SHALL TAKE PRECEDENCE OVER THE STANDARD DRAWINGS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON THE PLAN AND PROFILE DRAWINGS AND/OR SPECIFIC DETAIL DRAWINGS.
3. THE STANDARD DRAWINGS OF THE TOWN, ONTARIO PROVINCIAL STANDARD DRAWINGS (PSD) AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) CONSTITUTE PART OF THE PLANS OF THIS PROJECT.
4. THE PRECEDENCE OF STANDARD DRAWINGS IS FIRSTLY TOWN OF NEWMARKET STANDARD DRAWINGS, AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS.
5. STANDARD DRAWINGS INCLUDED WITH THESE PLANS ARE PROVIDED FOR CONVENIENCE ONLY AND ARE NOT TO BE CONSTRUED TO BE A COMPLETE SET FOR THE PURPOSE OF THE CONTRACT OR PROJECT.
6. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE ENGINEER. ANY DISCREPANCIES AND/OR ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
7. ALL EROSION CONTROL AND EROSION PROTECTION DEVICES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED. EROSION CONTROL DEVICES SHALL BE GROWN, SUBJECT TO APPROVAL BY THE TOWN'S ENGINEER.
8. NATIVE MATERIAL, SUITABLE FOR BACKFILL, SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DENSITY. BACKFILLING WITH GRANULAR ROADWAY NATURAL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DENSITY.
9. GRANULAR MATERIAL USED FOR BACKFILL SHALL BE PLACED IN LAYERS 150 mm IN DEPTH AND BE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DENSITY.
10. MATERIAL SPECIFICATION FOR ALL FRAMES, GRATES, COVERS AND MANHOLES SHALL BE AS PER OPS 185. FINISH ON ALL SURFACES SHALL BE PAINTED.

1. INSTALLATION OF EROSION SEDIMENT CONTROL FENCING.
2. SEDIMENT CONTROL MEASURES TO BE INSTALLED ON ALL CATCHBASINS WITHIN AND ALONG THE PERIMETER OF THE SITE.
3. COMPLETE AREA GRADING OUTSIDE OF EXISTING FLOW PATH.
4. INSTALL TEMPORARY SEDIMENT CONTROL DEVICES AT ALL CATCHBASINS IMMEDIATELY AFTER INSTALLATION IS COMPLETE.
5. REMOVE SEDIMENT CONTROL DEVICES PRIOR TO PLACING GRANULAR MATERIAL.
6. ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES TO BE MAINTAINED FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE NOTED.
7. EXISTING STORM SEWER WILL BE CLEANED OF SEDIMENT UPON STABILIZATION OF THE SITE OR AS AND WHEN DIRECTED BY THE TOWN ENGINEER.



DUMP STRAP —

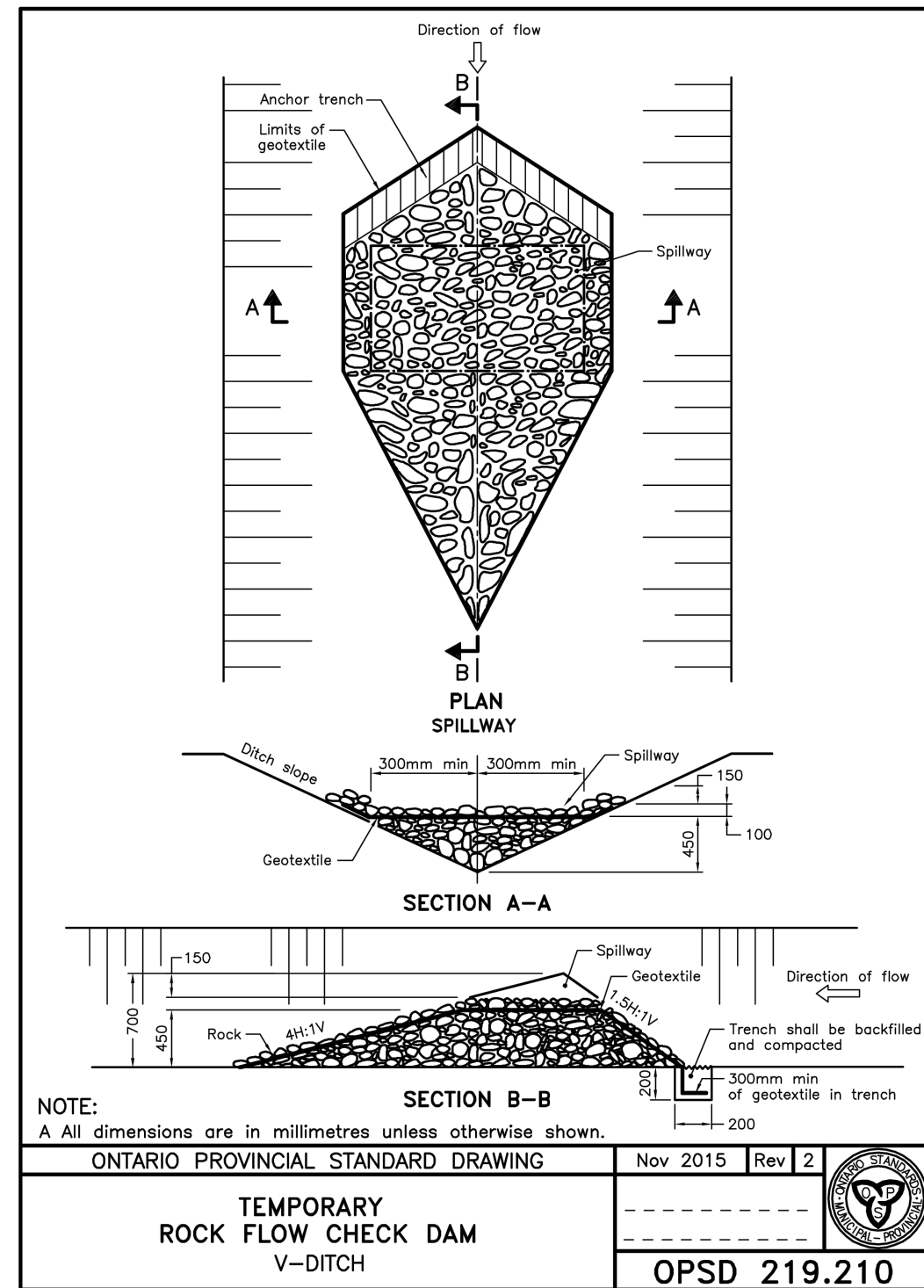
25mm REBAR FOR BAG
REMOVAL FROM INLET

BAG DETA

NOTES:

- INSPECT AFTER EVERY MAJOR RAIN EVENT
- INSPECT EVERY THREE WEEKS MINIMUM
- SILTSACK SHOULD NEVER BE OVER HALF FULL

TOWN OF NEWMARKET MUNICIPAL STANDARD DRAWING	05/08	REV	1
SEDIMENT TRAP DETAIL FOR ROAD CATCHBASIN		 Newmarket	
	NMS - 500.00		



1. ALL SEDIMENT AND CONTROL MEASURES INCLUDING EROSION SEDIMENT CONTROL FENCE TO BE INSTALLED PRIOR TO ANY CLEARING, GRUBBING OR GENERAL SITE GRADING.
2. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED ON REGULAR BASIS AND AFTER EVERY RAINFALL EVENT, AND MAINTAINED AS REQUIRED IN ORDER TO PREVENT SILT FROM ENTERING THE EXISTING STORM SYSTEM.
3. ALL DISTRIBUTION AREAS THAT WILL REMAIN UNTOUCHED FOR MORE THAN 30 DAYS ARE TO BE STABILIZED.
4. CONTRACTOR IS RESPONSIBLE FOR ANY MATERIAL TRACKED ONTO ADJACENT MUNICIPAL ROADS AND SHOULD PROVIDE CLEANING IF NECESSARY.
5. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IMPLEMENTED IN COORDINATION WITH NINTH LINE MINIMUM MODIFICATIONS MAY BE REQUIRED DEPENDING ON THE STATUS OF OFF-SITE WORKS.
6. EXISTING SITE FENCE MUST BE RESTORED TO SAME CONDITION AS PROPOSED SILT FENCE PRIOR TO CONSTRUCTION ACTIVITIES.

AS PER LSRCA TECHNICAL GUIDELINES, THE SEDIMENT CONTROLS SHOULD BE INSPECTED ON A REGULAR AND AFTER EVERY SIGNIFICANT RAINFALL. REPAIRS TO ESC MEASURES MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT MIGRATION.

AS PER LSRCA TECHNICAL GUIDELINES, THE SEDIMENT CONTROLS SHOULD BE INSPECTED ON A REGULAR AND AFTER EVERY SIGNIFICANT RAINFALL. REPAIRS TO ESC MEASURES MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT MIGRATION.

