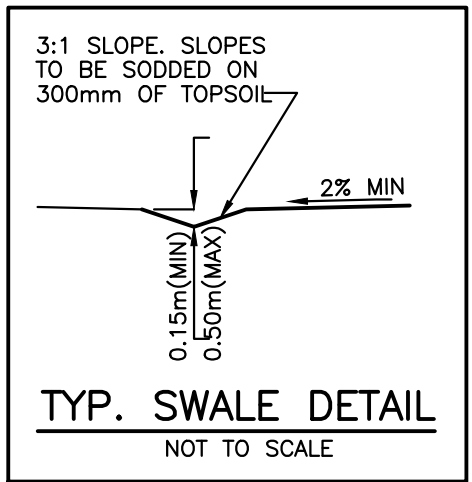
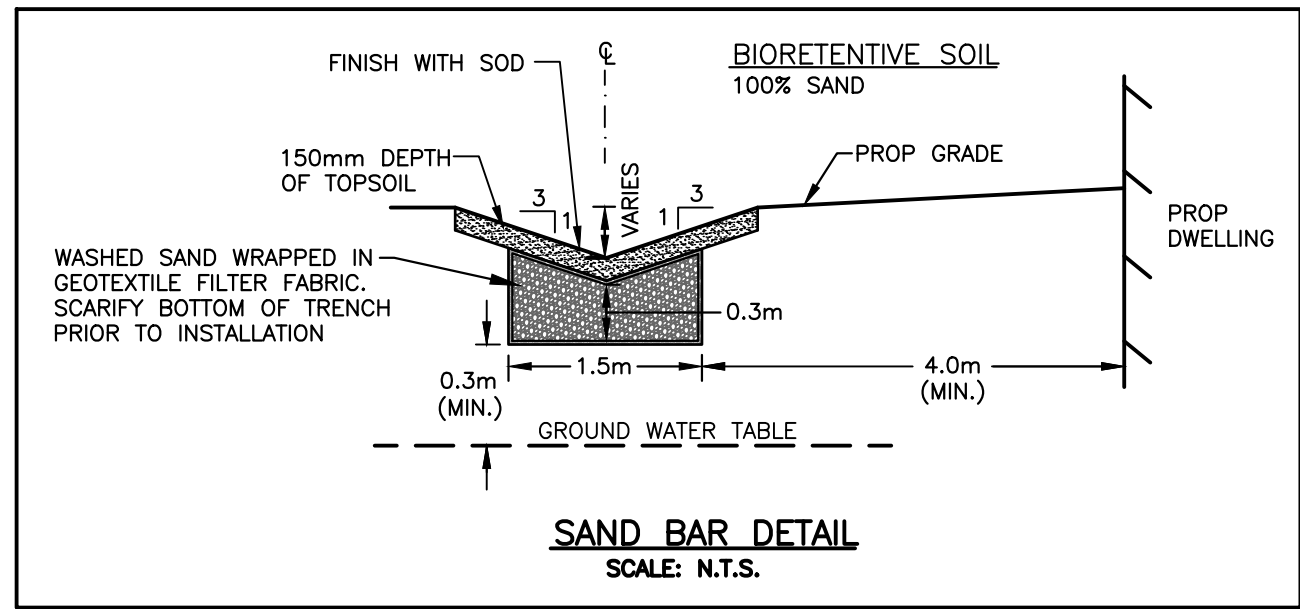
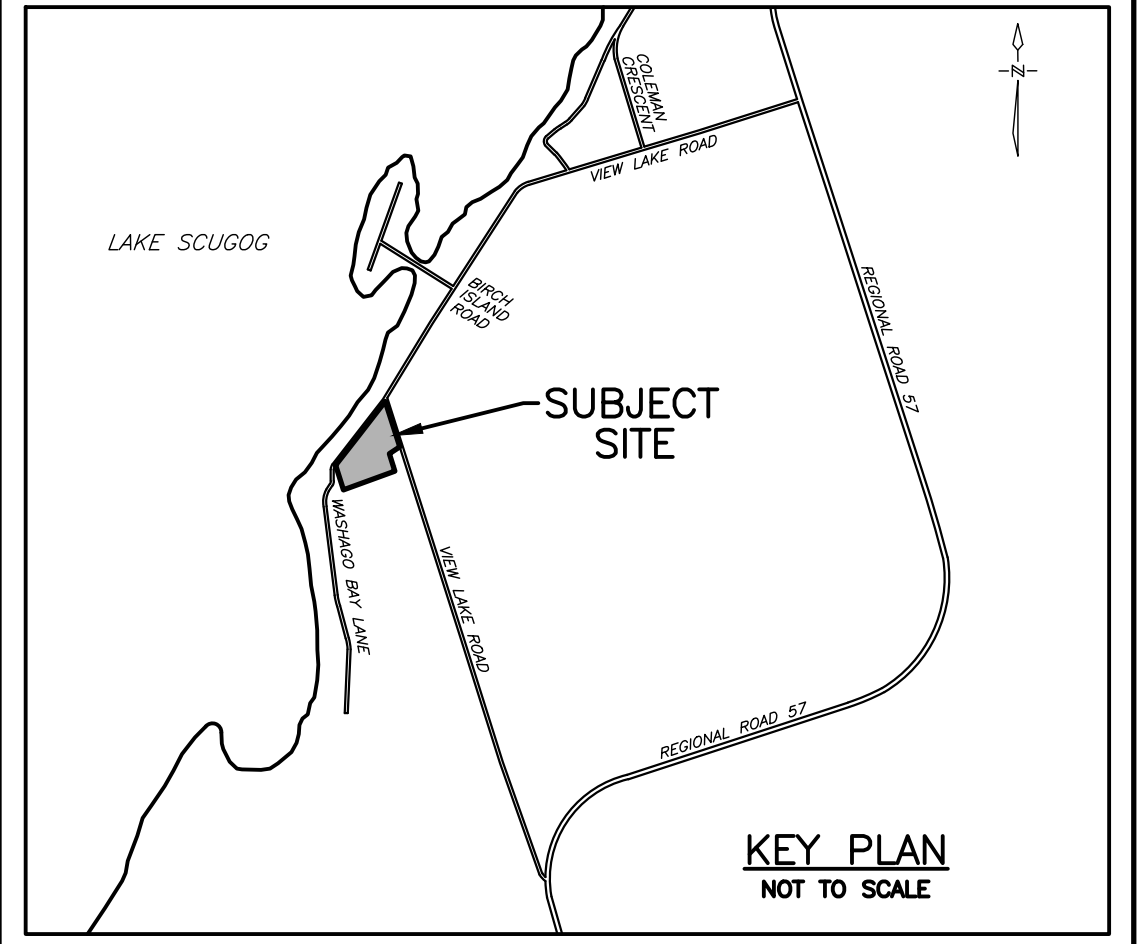
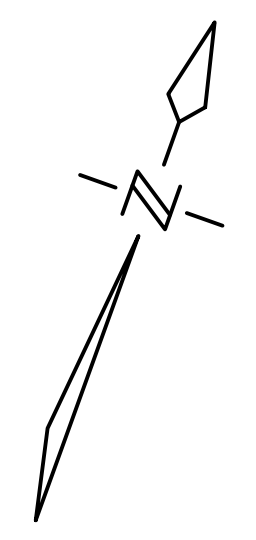
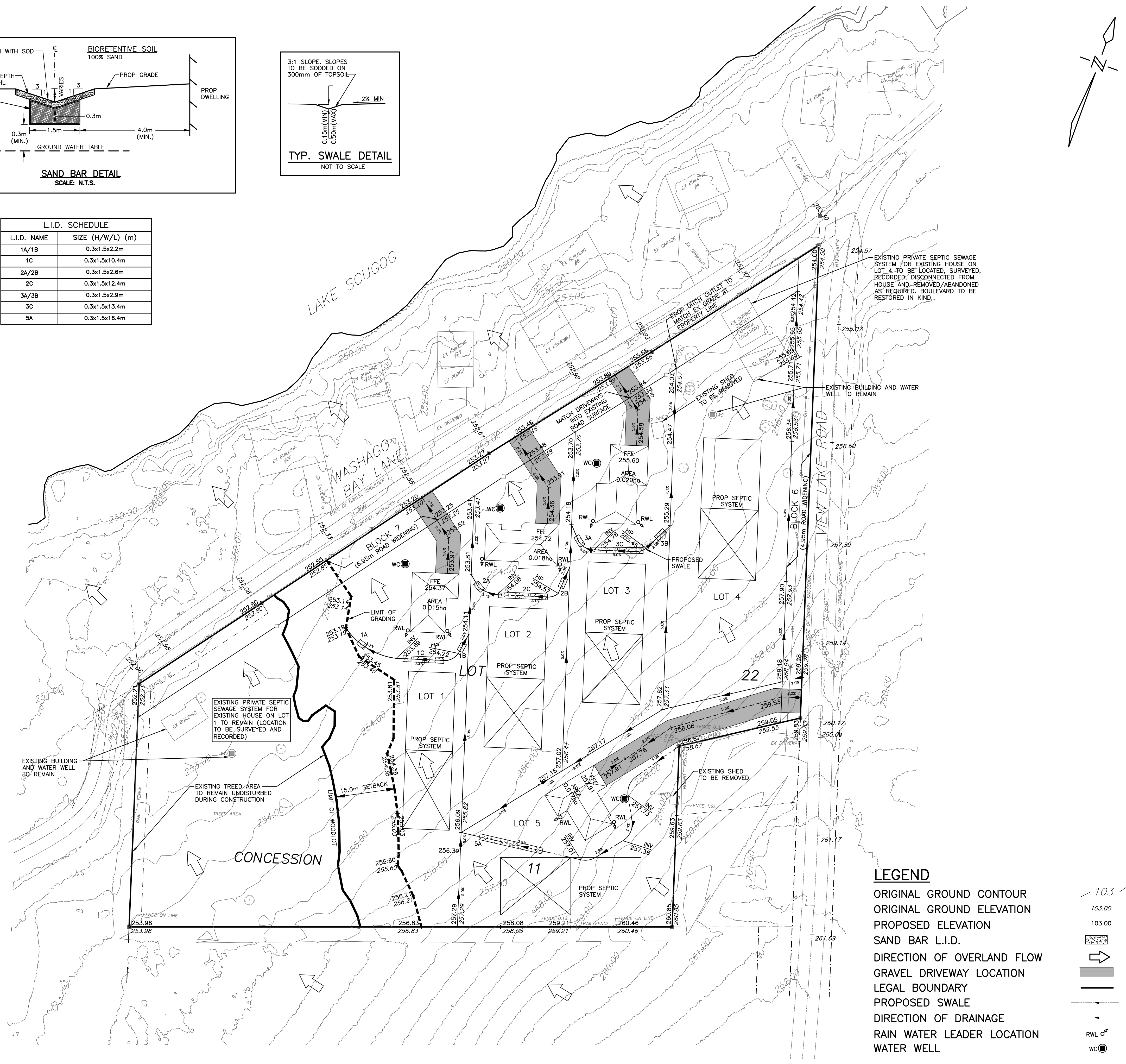




L.I.D. SCHEDULE	
L.I.D. NAME	SIZE (H/W/L) (m)
1A/1B	0.3x1.5x2.2m
1C	0.3x1.5x10.4m
2A/2B	0.3x1.5x2.6m
2C	0.3x1.5x12.4m
3A/3B	0.3x1.5x2.9m
3C	0.3x1.5x13.4m
5A	0.3x1.5x16.4m

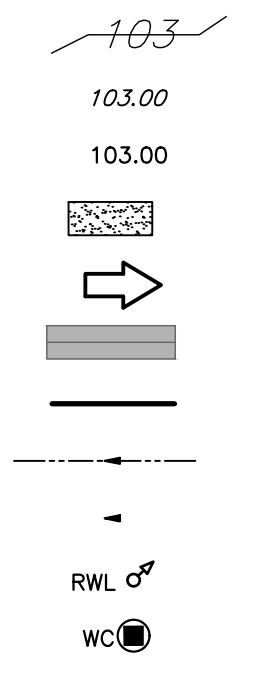


BENCHMARK #0011919U247G
TOWNSHIP: CAESAREA CONCRETE BOX CULVERT (1906) UNDER ABANDONED C.P.R. GRADE, 6.4 KM NORTHEAST OF MAIN CORNERS, 1.1 KM NORTHEAST OF CROSSING OF ROAD ALLOWANCE BETWEEN CONCESSIONS IX AND X, TOWNSHIP OF POINT CARTWRIGHT, 640 M SOUTH OF POINT WHERE RIGHT-OF-WAY CROSSES NORTH-SOUTH SHORE ROAD IN CONCESSION X, BOLT IN WEST FACE OF CULVERT, 94 CM FROM NORTH FACE, 36 CM BELOW TOP, 30 CM NORTH OF WATER PASSAGE.
ELEV = 267.966m

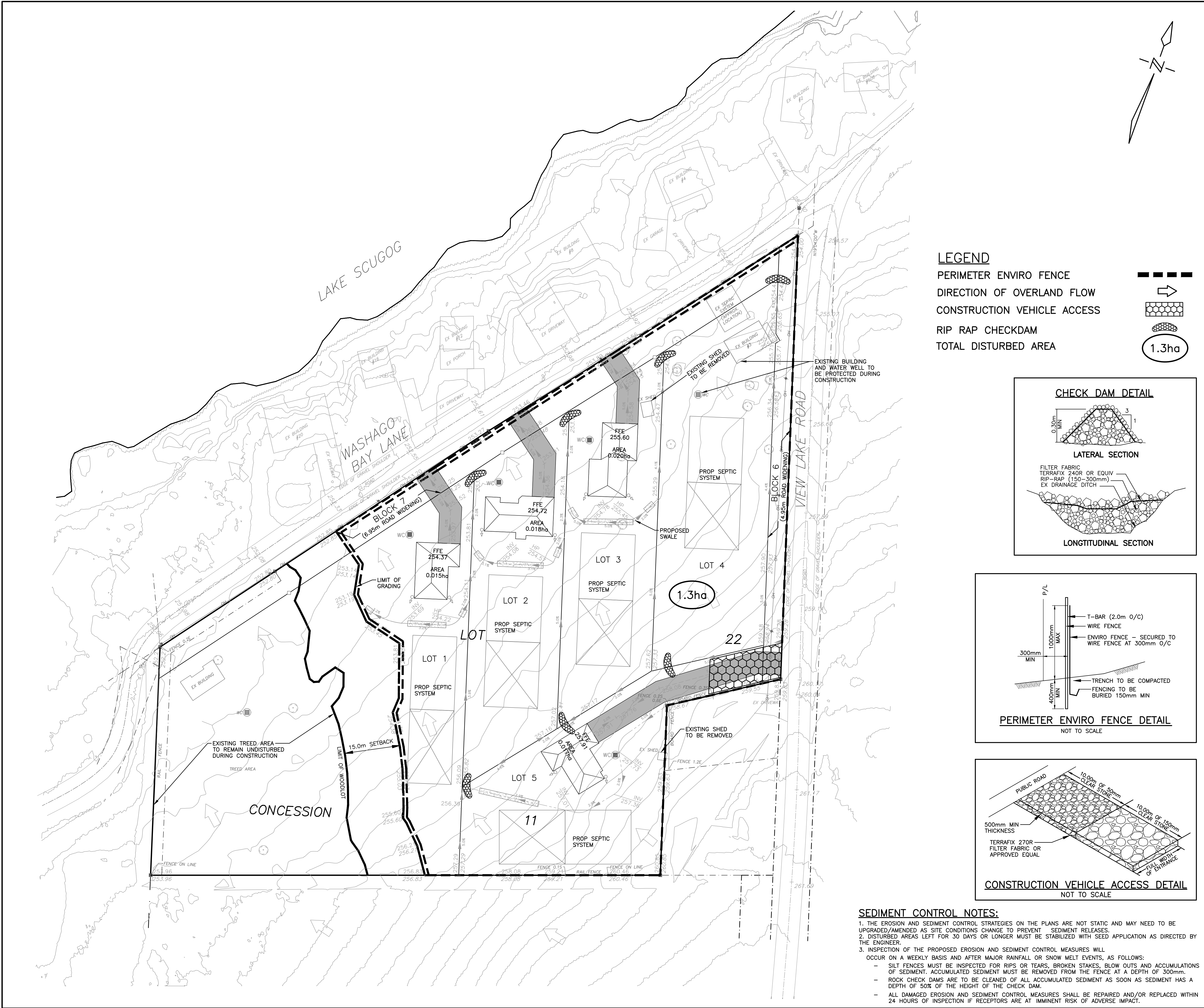
- SITE GRADING NOTES**
- A ROAD OCCUPANCY PERMIT WILL BE REQUIRED FOR ANY WORKS WITHIN THE MUNICIPAL RIGHT OF WAY.
 - ALL WORKS OR RESTORATION WITHIN THE MUNICIPAL RIGHT OF WAY SHALL BE COMPLETED AS PER CITY OF TOWNSHIP OF SCUGOG FIELD STAFF DIRECTION.
 - THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. CONCERNED UTILITIES TO BE GIVEN ADVANCED NOTICE FOR STAKE OUT. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITIES SHOWN ON THE DRAWINGS.
 - QUANTITIES, DIMENSIONS AND ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR COMMENCING CONSTRUCTION.
 - ALL SLOPES SHALL BE CONSTRUCTED AT 3:1 (MAXIMUM) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - ALL SWALES SHALL BE CONSTRUCTED WITH 2% MINIMUM GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - ALL SLOPES, SWALES AND OPEN SPACE AREAS SHALL BE SODDED ON A MINIMUM OF 150mm OF TOPSOIL.
 - ALL DISTURBED AREAS ABUTTING MUNICIPAL RIGHT OF WAYS SHALL BE SODDED ON A MINIMUM OF 150mm OF TOPSOIL.
 - RAIN WATER LEADERS TO DISCHARGE TO GRADE.

PRELIMINARY NOT FOR CONSTRUCTION			
NO.	DATE	REVISION	BY
REVISIONS			
ACCEPTED TO BE IN ACCORDANCE WITH THE TOWNSHIP OF SCUGOG STANDARDS, THE ACCEPTANCE IS NOT TO BE CONSTRUED AS VERIFICATION OF ENGINEERING CONTENT		APPROVED	
TOWNSHIP ENGINEER		DEPARTMENT OF WORKS REGIONAL MUNICIPALITY OF DURHAM	
DATE		DATE	
CORPORATION OF THE TOWNSHIP OF SCUGOG PUBLIC WORKS DEPARTMENT			
3 WASHAGO BAY LANE			
PRELIMINARY GRADING AND SERVICING PLAN			
		CONSULTING ENGINEERS & PLANNERS	
		SCALE: 1:500	PROJECT NO. 123113
DRAWN BY: M.W.		DRAWING NO. LG-1	
DESIGN BY: J.G.C.			
CHECKED BY: D.D.M.			
DATE: AUGUST 2025			

- LEGEND**
- ORIGINAL GROUND CONTOUR
 - ORIGINAL GROUND ELEVATION
 - PROPOSED ELEVATION
 - SAND BAR L.I.D.
 - DIRECTION OF OVERLAND FLOW
 - GRAVEL DRIVEWAY LOCATION
 - LEGAL BOUNDARY
 - PROPOSED SWALE
 - DIRECTION OF DRAINAGE
 - RAIN WATER LEADER LOCATION
 - WATER WELL



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September 25, 2025



LEGEND

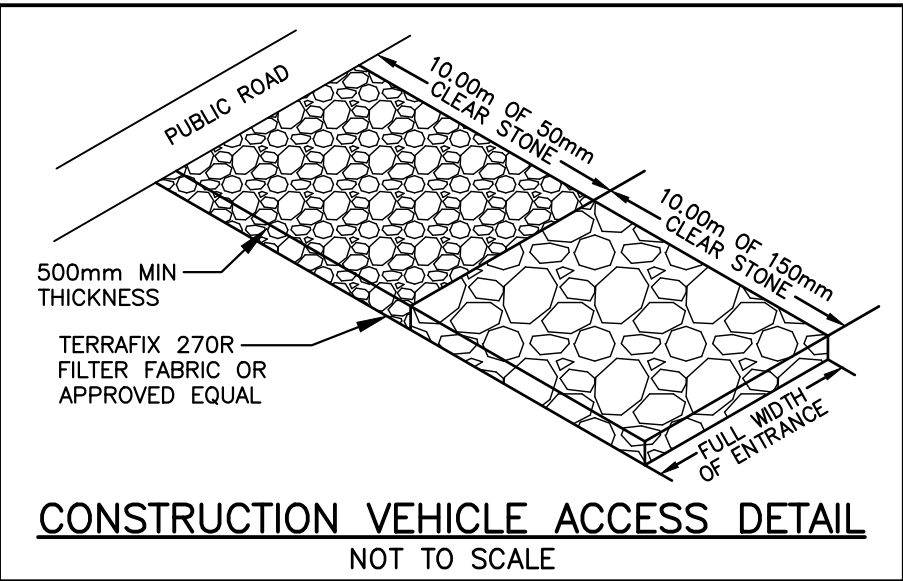
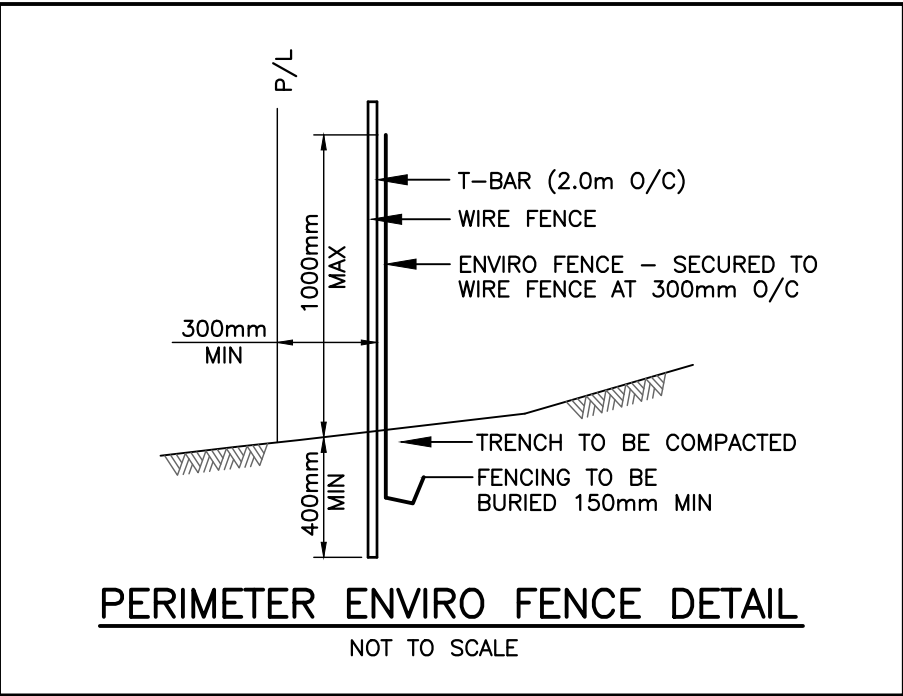
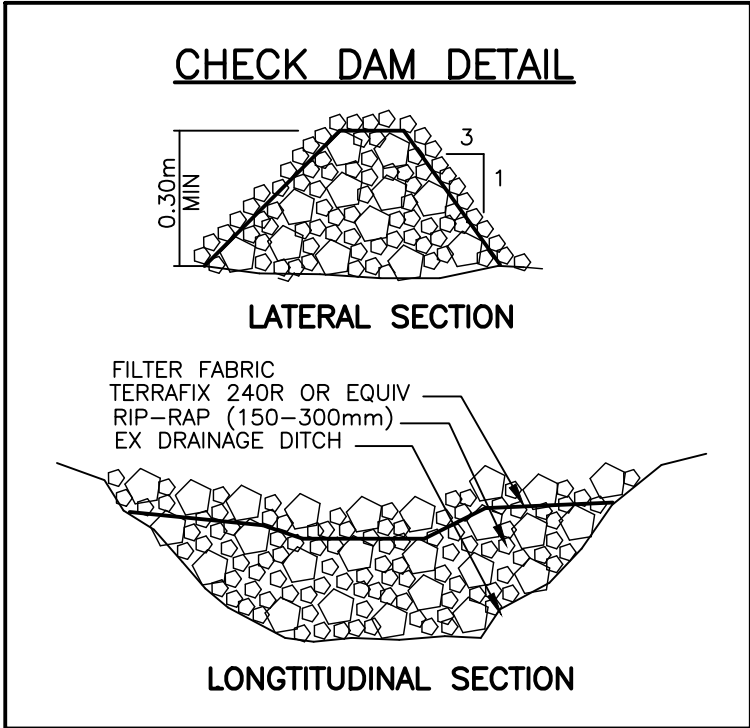
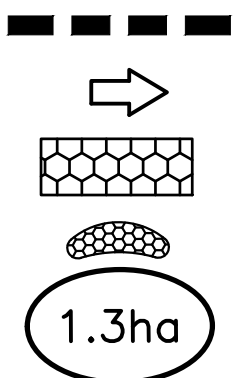
PERIMETER ENVIRO FENCE

DIRECTION OF OVERLAND FLOW

CONSTRUCTION VEHICLE ACCESS

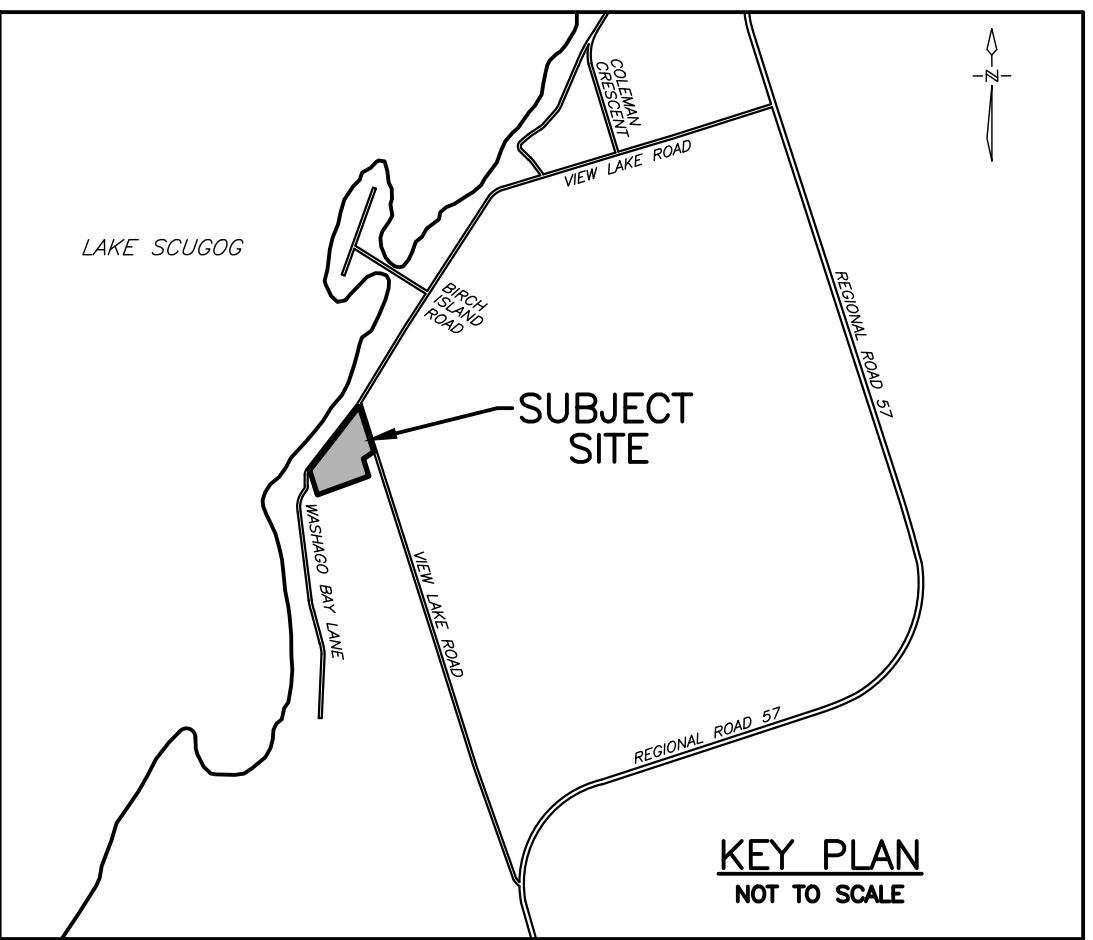
RIP RAP CHECKDAM

TOTAL DISTURBED AREA



SEDIMENT CONTROL NOTES:

- THE EROSION AND SEDIMENT CONTROL STRATEGIES ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASES.
- DISTURBED AREAS LEFT FOR 30 DAYS OR LONGER MUST BE STABILIZED WITH SEED APPLICATION AS DIRECTED BY THE ENGINEER.
- INSPECTION OF THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES WILL OCCUR ON A WEEKLY BASIS AND AFTER MAJOR RAINFALL OR SNOW MELT EVENTS, AS FOLLOWS:
 - SILT FENCES MUST BE INSPECTED FOR RIPS OR TEARS, BROKEN STAKES, BLOW OUTS AND ACCUMULATIONS OF SEDIMENT. ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE FENCE AT A DEPTH OF 300mm.
 - ROCK CHECK DAMS ARE TO BE CLEANED OF ALL ACCUMULATED SEDIMENT AS SOON AS SEDIMENT HAS A DEPTH OF 50% OF THE HEIGHT OF THE CHECK DAM.
 - ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED AND/OR REPLACED WITHIN 24 HOURS OF INSPECTION IF RECEPTORS ARE AT IMMINENT RISK OF ADVERSE IMPACT.



BENCHMARK #0011919U247G

TOWNSHIP: CAESAREA CONCRETE BOX CULVERT (1906) UNDER ABANDONED C.P.R. GRADE, 6.4 KM NORTHEAST OF MAIN CORNERS, 1.1 KM NORTHEAST OF CROSSING OF ROAD ALLOWANCE BETWEEN CONCESSIONS IX AND X, TOWNSHIP OF POINT CARTWRIGHT, 640 M SOUTH OF POINT WHERE RIGHT-OF-WAY CROSSES NORTH-SOUTH SHORE ROAD IN CONCESSION X, BOLT IN WEST FACE OF CULVERT, 94 CM FROM NORTH FACE, 36 CM BELOW TOP, 30 CM NORTH OF WATER PASSAGE.
ELEV = 267.966m

DUST CONTROL MEASURES:

- PRE-GRADING PLANNING
 - THE SITE SERVING FOR THE SITE SHALL BE SCHEDULED SUCH THAT THE OVERALL TIME THE AREAS ARE LEFT OPEN TO WIND THAT CREATE BLOWING DUST FROM THE EARTHWORK OPERATIONS IS MINIMIZED.
- THE TOPSOIL STOCKPILE (IF APPLICABLE) SHALL BE STABILIZED WITHIN 30 DAYS OF STOCKPILING MATERIALS IN ACCORDANCE WITH CITY'S CRITERIA. ALL DISTURBED LANDS OUTSIDE THE PHASE OF WORK SHALL BE STABILIZED/VEGETATED.
- THE CONTRACTOR SHALL APPLY WATER TO HAUL ROADS AND STOCKPILES (IF APPLICABLE) BY WAY OF WATER TRUCK.
- WATERING (POST GRADING)
 - WITHIN AREAS WHERE EARTHWORKS AND/OR UNDERGROUND MUNICIPAL SERVICING IS ON-GOING, WATER IS TO BE UTILIZED AT SUFFICIENT QUANTITY TO PREVENT VISIBLE EMISSIONS FROM EXTENDING MORE THAN 30m FROM THE POINT OF ORIGIN.
- REDUCE VEHICLE SPEED
 - THE ON-SITE SPEED LIMIT FOR CONSTRUCTION VEHICLES SHALL BE MINIMIZED AND TO BE USED IN CONJUNCTION WITH WATERING TO PREVENT VISIBLE DUST EMISSIONS.
- RESTRICT ACTIVITIES DURING HIGH WIND PERIODS
 - THE HIGH VISIBILITY OF CERTAIN WORKS AND THE CLOSE PROXIMITY AND POPULATION IMPACT SHOULD BE TAKEN INTO CONSIDERATION WHEN SCHEDULING DUST-PRODUCING WORK. APPROPRIATE DUST CONTROL MEASURES SHALL BE IN PLACE IN SUCH SITUATIONS.
- ROAD CLEANING
 - SPILLAGE, EROSION OR MATERIALS "TRACKED OUT" ON A ROAD TO BE CLEANED USING MECHANICAL STREET SWEEPERS OR FLUSHER TRUCK AT LEAST BY THE END OF THE WORK DAY. HOWEVER, IF SPILLAGE EXTENDS MORE THAN 15m ALONG A PAVED PUBLIC ROADWAY, IT MUST BE CLEANED UP IMMEDIATELY.
 - IMPORTING AND EXPORTING OF MATERIALS ON AND OFF-SITE WILL BE SHUT DOWN DURING AND FOLLOWING INCLEMENT WEATHER UNTIL THE ROAD SURFACES HAVE BEEN CLEANED.

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