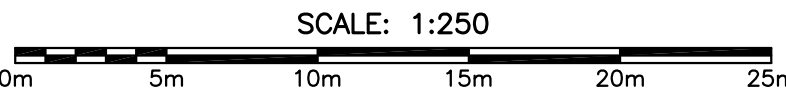
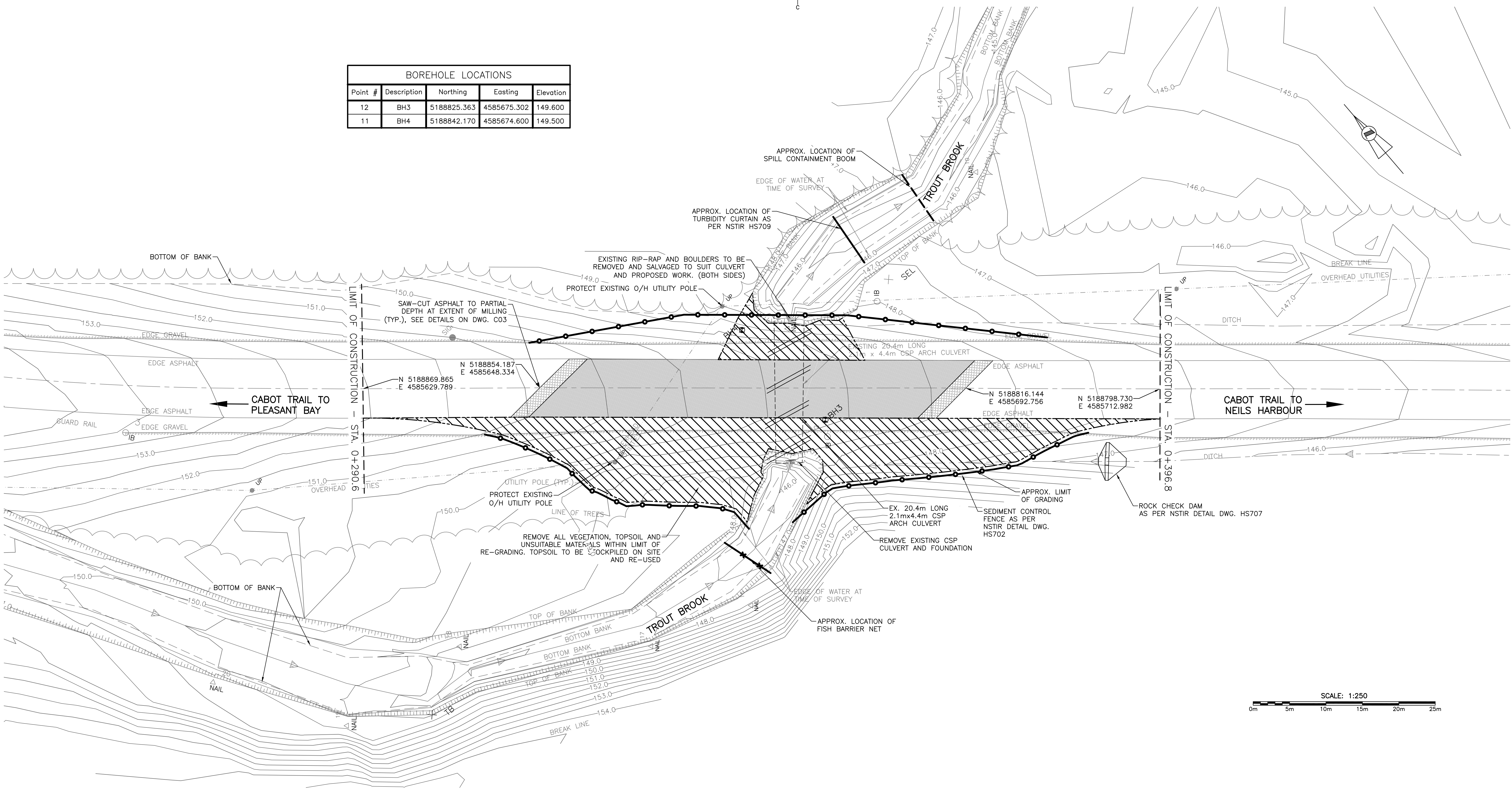


BOREHOLE LOCATIONS				
Point #	Description	Northing	Easting	Elevation
12	BH3	5188825.363	4585675.302	149.600
11	BH4	5188842.170	4585674.600	149.500



LEGEND

- EX. EDGE OF ASPHALT
- PROP. EDGE OF ASPHALT
- EX. EDGE OF GRAVEL
- PROP. EDGE OF GRAVEL
- EX. TREE LINE
- EX. ROAD CENTRE LINE
- PROP. ROAD CENTRE LINE
- EX. GUARD RAIL
- PROP. GUARD RAIL
- PROPOSED SILT FENCE
- EX. CONTOUR
- EX. WATER COURSE/WET AREA
- EX. OH UTILITY
- EX. POWER POLE
- EX. OF BROOK
- EX. OF DITCH
- PROPOSED JERSEY BARRIER
- TOP OF BANK
- BOTTOM OF BANK

REMOVALS LEGEND:

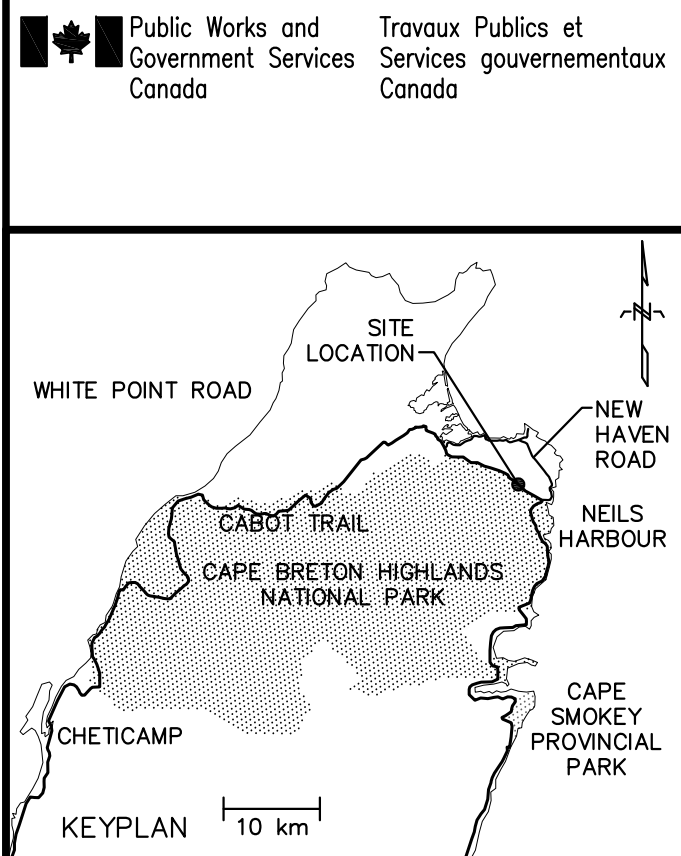
- CULVERT REMOVAL
- ASPHALT PAVEMENT REMOVAL - FULL DEPTH
- ASPHALT MILLING
- UNSUITABLE MATERIAL REMOVAL

EROSION & SEDIMENTATION CONTROL NOTES:

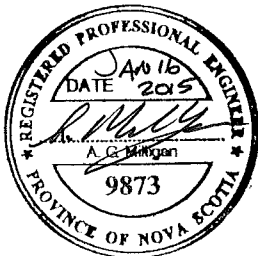
- AT MINIMUM, PLACE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED BEFORE PROCEEDING WITH WORK. CONTRACTOR TO SUBMIT TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW AN EROSION AND SEDIMENTATION CONTROL PLAN AND ENVIRONMENTAL / SPILL RESPONSE PLAN.
- PROTECT NATURAL WATERCOURSES FROM DAMAGE DUE TO SILTATION RUNOFF FROM THE CONSTRUCTION SITE, LAYDOWN SITES AND DEWATERING PROCEDURES. INSTALL ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED BY SITE CONDITIONS.
- MAINTAIN A STOCKPILE OF APPROPRIATE EROSION AND ENVIRONMENTAL PROTECTION MATERIALS (E.G. SILT FENCES, STRAW BALES, WOOD CHIPS, CLEAN ROCK FILL, TYPE 1 GRAVEL, SORBENT MATERIAL AND BERMING MATERIAL) ON SITE AT ALL TIMES.
- INSPECT EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS AND MAINTAIN AS NECESSARY.
- PROTECT ALL REMAINING VEGETATION FROM DAMAGE.
- ANY FISH ENCOUNTERED WITHIN THE CONSTRUCTION SITE MUST BE REMOVED BY QUALIFIED PERSONNEL DESIGNATED BY THE DEPARTMENTAL REPRESENTATIVE. PLACE FISH BARRIER NETS AS INDICATED.
- REINSTATE ALL DISTURBED AREAS WITH STOCKPILED TOPSOIL AND HYDROSEED.

GENERAL NOTES:

- FOR LEGEND SEE THIS SHEET.
- CONTOUR INTERVALS ARE 0.5m.
- TOPOGRAPHIC SURVEY, ELEVATIONS AND SITE FEATURES ARE DERIVED FROM SURVEY PROVIDED BY PWGSC, AND PERFORMED BY THOMPSON CONN LTD. IN NOVEMBER 2012 (FILE NO. 15949). REFER TO NSCM 215768, ELEV. 176.954, N: 5188999.802, E: 4585578.814
- WHEN WORKING IN THE VICINITY OF BURIED INFRASTRUCTURE, THE CONTRACTOR SHALL CARRY OUT CAREFUL TEST DIGS AS REQUIRED.
- FOR GEOTECHNICAL AND BOREHOLE INFORMATION, REFER TO THE REPORT PREPARED BY LVM/MARITIME TESTING DATED DECEMBER 2013 (REF. NO. 18103) IN SPECIFICATION.
- PROTECT ALL FEATURES DESIGNATED TO REMAIN.
- THE SUBJECT WATERCOURSE FEEDS A DOWNSTREAM WATER SUPPLY FOR THE COMMUNITY OF NEIL'S HARBOUR, NOVA SCOTIA. ALL MITIGATION MEASURES TO PROTECT DOWNSTREAM WATER QUALITY AS INDICATED ON THE DRAWINGS AND CONTAINED WITHIN THE SPECIFICATIONS REQUIRE FULL ADHERENCE FROM THE CONTRACTOR.
- ALL TOPSOIL WITHIN LIMITS OF REMOVALS OR EXCAVATION TO BE REMOVED AND STOCKPILED ON SITE FOR RE-USE.



SNC-LAVALIN
SNC-LAVALIN Inc.
Halifax, Nova Scotia, Canada
Member of the SNC-LAVALIN Group



C02	ISSUED FOR TENDER	JAN 6 2015
C01	ISSUED FOR TENDER	FEB 28 2014
revisions		date
project	BIG JOHNNY'S TURN CULVERT REPLACEMENT CABOT TRAIL, CAPE BRETON HIGHLANDS NATIONAL PARK	
drawing		desin

CULVERT 1 REMOVALS AND EROSION & SEDIMENT CONTROL	
designed M.E.	conçu
date 2013-12-10	
drown D.B. / M.Z.	dessiné
date 2013-12-10	
approved N.L.	approuvé
date 2013-12-19	
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
R.059970.001	
drawing no.	no. du dessin
C01	

