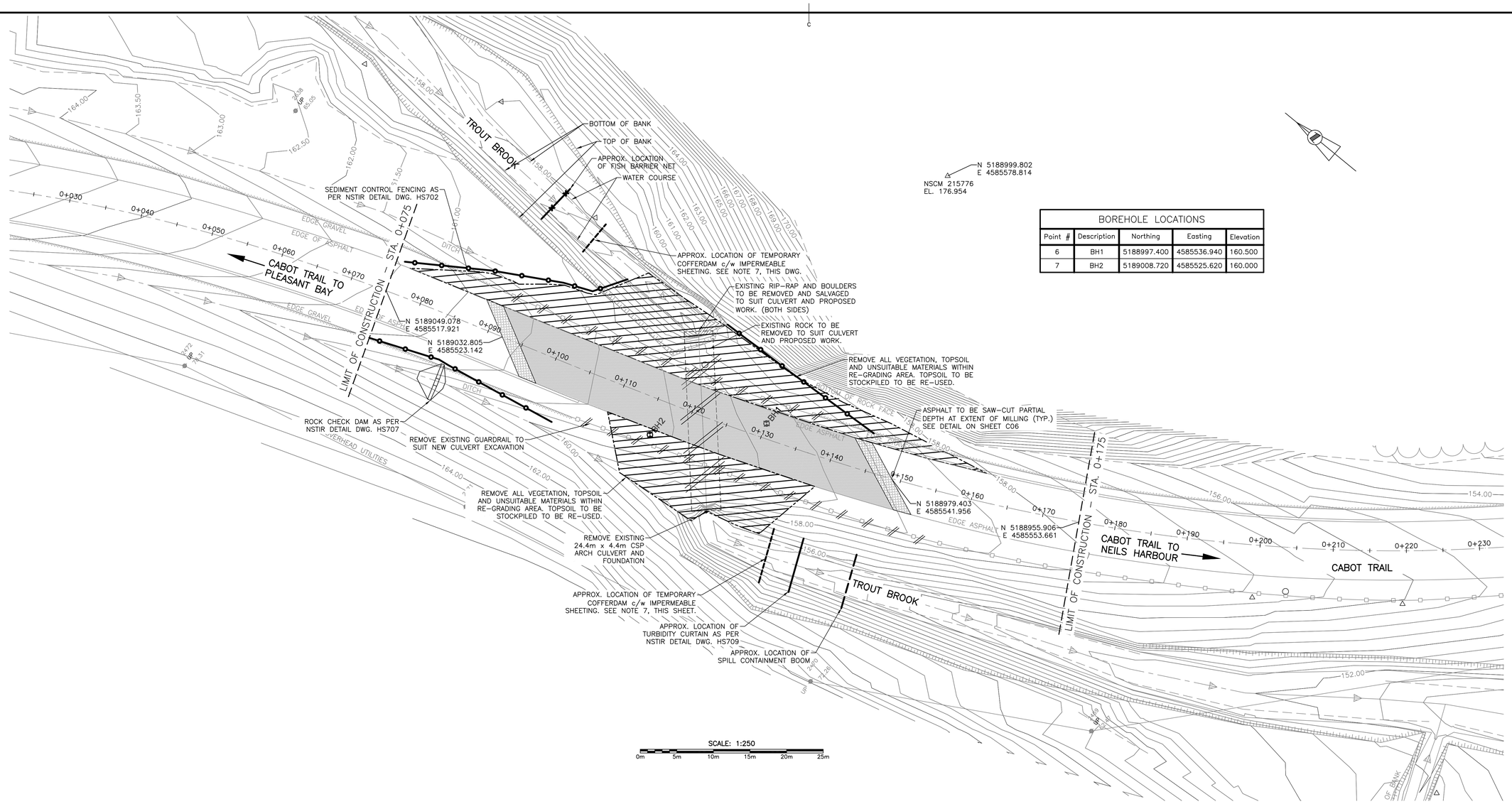

BOREHOLE LOCATIONS

Point #	Description	Northing	Easting	Elevation
6	BH1	5188997.400	4585536.940	160.500
7	BH2	5189008.720	4585525.620	160.000

EROSION AND SEDIMENTATION CONTROL NOTES:

1. AT MINIMUM, PLACE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED BEFORE PROCEEDING WITH WORK. CONTRACTOR TO SUBMIT TO DEPRATMENTAL REPRESENTATIVE FOR REVIEW AN EROSION AND SEDIMENTATION CONTROL PLAN AND ENVIRONMENTAL / SPILL RESPONSE PLAN.
2. PROTECT NATURAL WATERCOURSES FROM DAMAGE DUE TO SILTATION RUNOFF FROM FROM THE CONSTRUCTION SITE, LAYDOWN SITES AND DEWATERING PROCEDURES. INSTALL ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED BY SITE CONDITIONS.
3. MAINTAIN A STOCKPILE OF APPROPRIATE EROSION AND ENVIRONMENTAL PROTECTION MATERIALS (E.G. SILT FENCES, STRAW BALES, WOOD CHIPS, CLEAN ROCK FILL, TYPE 1 GRAVELS, SORBENT MATERIAL AND BERMING MATERIAL) ON SITE AT ALL TIMES.
4. INSPECT EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS AND MAINTAIN AS NECESSARY.
5. PROTECT ALL REMAINING VEGETATION FROM DAMAGE.
6. ANY FISH ENCOUNTERED WITHIN THE CONSTRUCTION SITE MUST BE REMOVED BY QUALIFIED PERSONNEL DESIGNATED BY THE DEPARTMENTAL REPRESENTATIVE. PLACE FISH BARRIER NETS AS INDICATED.
7. WATERCOURSE FLOW TO BE DIVERTED (PUMPED) AROUND CONSTRUCTION AREA, WITH MIN. PUMPING CAPACITY OF 6.5m³/s. CONTRACTOR TO SUBMIT DIVERSION METHODOLOGY TO DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING, INCLUDING COFFER DAM DESIGN AND METHODOLOGY FOR FOR DEALING WITH HEAVY RAIN STORMS THAT EXCEED PUMPING CAPACITY.
8. CHECK LONG RANGE WEATHER FORECAST TO ENSURE THAT THERE IS ADEQUATE TIME BEFORE FORECAST OF HEAVY RAIN STORMS, TO STABILIZE WORK AND HANDLE ANY OVERFLOW. PROVIDE DETAILS OF STABILIZATION PLAN TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW.
9. ANY 'IN-STREAM' WORK MUST OCCUR IN THE DRY.
10. REINSTATE ALL DISTURBED SOILS WITH STOCKPILED TOPSOIL AND HYDROSEED.

NOTES:

1. FOR LEGEND SEE THIS SHEET.
2. CONTOUR INTERVALS ARE 0.5m.
3. 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 215766, ELEV. 176.954, N: 5188999.802, E: 4585578.814
4. WHEN WORKING IN THE VICINITY OF BURIED INFRASTRUCTURE, THE CONTRACTOR SHALL CARRY OUT CAREFUL TEST DIGS AS REQUIRED.
5. FOR GEOTECHNICAL AND BOREHOLE INFORMATION, REFER TO THE REPORT PREPARED BY LVM/MARITIME TESTING DATED DECEMBER 2013 (REF. NO. 18103) IN SPECIFICATION.
6. PROTECT ALL FEATURES DESIGNATED TO REMAIN.
7. 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.
8. ALL TOPSOIL WITHIN LIMITS OF REMOVALS OR EXCAVATION TO BE REMOVED AND STOCKPILED ON SITE FOR RE-USE.

LEGEND

- EX. EDGE OF ASPHALT
- PROP. EDGE OF ASPHALT
- EX. EDGE OF GRAVEL
- PROP. EDGE OF GRAVEL
- EX. TREELINE
- EX. ROAD CENTRE LINE
- PROP. ROAD CENTRE LINE
- EX. GUARD RAIL
- PROP. GUARD RAIL
- PROPOSED SILT FENCE
- 150.00 EX. CONTOUR
- EX. WATER COURSE/WET AREA
- EX. OH UTILITY
- UP 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

C

0 10 20mm 40 60 80 100 120 140 160 180 200mm

PWGSC B1 (2004)

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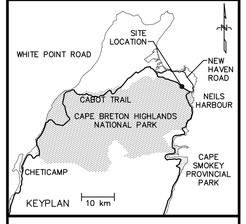

SNC·LAVALIN

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

Certified ISO 9001

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF NOVA SCOTIA
DATE JAN 16 2015
9873

revisions		date
C01	ISSUED FOR TENDER	JAN 16 2015

project / projet

BIG JOHNNY'S TURN CULVERT REPLACEMENT CABOT TRAIL, CAPE BRETON HIGHLANDS NATIONAL PARK

drawing / dessin

CULVERT 2 REMOVALS AND EROSION & SEDIMENT CONTROL

designed M.E. / conçu
date 2013-12-19
drawn D.B. / M.Z. / dessiné
date 2013-12-19
approved N.L. / approuvé
date 2013-12-19
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
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