



SURVEY NOTES
 SURVEY PARTY CHIEF DARRYL GREEN
 SURVEY VESSEL SCOTIA SURVEYOR
 SURVEY DATE(S) AUGUST 11, 2014
 ROSS VEL. OF SOUND 1504m/s
 DEPTH GATE USED N/A FREQ. OF TRANS. 190-210KHz
 SOUNDER TYPE TRIMBLE 5700
 POSITIONING SYSTEM USED TRIMBLE 5700
 LAND SURVEY POSITION BY
 CAD DRAWING FILE(S):
 S12233X.ZIP
 S12233A.DWG
 TIDAL REDUCTION SCHEME PNC TBM, TEMPORARY BENCHMARK (TOP OF CURB),
 ELEV. 7.80m ABOVE C.D. REF. TO BM 90N9000 7.80m ABOVE C.D.

OFFICE PROCESSOR J.C. VAUTOUR
 DATE OF PROCESSING AUGUST 11, 2014
 MODE OF PLOTTING AVERAGE DEPTHS
 MATRIX CELL WIDTH X LENGTH 1.2m x 3.0m

CONTROL POINTS
 POINT NO. NORTHING CD ELEV DESCRIPTION
 26008 729019.237 4805418.813 N/A PROVINCIAL CONTROL
 26007 728867.850 4805864.806 24.41 PROVINCIAL CONTROL
 90N9000 728860.306 4805019.636 7.508 CHS VERTICAL CONTROL
 PNC BM 728452.323 4805016.238 7.50 PNC VERTICAL & HORIZONTAL CONTROL

LEGEND
 CHS BM 90N9000
 BENCHMARK
 -1.1 SOUNDINGS
 ○ STEEL PIPE PILE
 D ⊕ DREDGE COORDINATES

CONSTRUCTION NOTES:
 1. ALL MATERIAL TO BE REMOVED FROM WITHIN THE DREDGE LIMITS IS KNOWN TO BE BEDROCK. THE SOUNDINGS ARE FROM THE POST DREDGE SURVEY FROM THE LAST DREDGING PROJECT WHEN ALL OF THE OVERBORDEN WAS REMOVED DOWN TO BEDROCK.
 2. CONTRACTOR NOT PERMITTED TO REMOVE ANY OF THE EXISTING RIP RAP, OR BUILD ROADS ON TOP OF THE EXISTING RIP RAP ALONG THE SERVICE AREA TO GAIN ACCESS TO THE DREDGE LIMITS, I.E. BETWEEN POINTS 1 AND 2.
 3. NO WORK TO BE DONE WITHIN MINIMUM 4m OF THE TOE OF RIP RAP SLOPE. CONTRACTOR TO USE DISCRETION TO ENSURE RIP RAP SLOPE NOT DISTURBED OR UNDERMINED.
 4. CONTRACTOR RESPONSIBLE TO ENSURE ALL MATERIAL WITHIN DREDGE COORDINATES REMOVED TO DREDGE GRADES -2.0m AND -2.5m.
 5. IF CONTRACTOR CONSTRUCTS ROADS TO GAIN ACCESS TO THE DREDGE LIMITS, I.E. FROM THE BANKED OFF ROAD TO THE SERVICE AREA, THE DREDGE GRADES AND MATERIAL IS REMOVED THE POST DREDGE SOUNDINGS MUST BE SAME OR LOWER THAN EXISTING ELEVATIONS SHOWN ON THIS PLAN.
 6. REMOVE AND REINSTALL EXISTING RAMP AND FLOATING DOCKS 1 AND 2 INCLUDING HARDWARE TO ENSURE THEY ARE NOT DAMAGED DURING CONSTRUCTION OPERATIONS.
 7. BOX CUT AROUND PERIMETER OF DREDGE LIMITS.
 8. DREDGED MATERIAL DISPOSAL SITE LOCATION IN FIELD SOUTHEAST OF BASIN. REFER TO CHART. EXACT LOCATION TO BE DISCUSSED WITH COMEAU'S SEA FOODS.

DRILLING AND BLASTING NOTES:
 1. IT IS MANDATORY THAT CONTRACTOR CONTACT PWGSC MINIMUM FIVE DAYS PRIOR TO COMMENCING ANY DRILLING AND BLASTING OPERATIONS, TO DISCUSS DETAILS SHOWN ON THE PLAN WITH PWGSC GEOTECHNICAL ENGINEER REGARDING PRECAUTIONARY MEASURES DRILLING AND BLASTING NEAR THE STEEL PIPE PILE.
 2. NO DRILLING OR BLASTING PERMITTED WITHIN 3.0 METRES OF STEEL PILE NO DRILLING FOR BLASTING DEEPER THAN ELEVATION -3.5 METRES WITHIN A 3.0 TO 5.0 METRE RADIUS OF PILE. CONTRACTOR IS PERMITTED TO DRILL AND BLAST DEEPER THAN ELEVATION -3.5 METRES BEYOND THE 5.0 METRE RADIUS.
 3. NO BLAST PATTERN PERMITTED THAT CONTAINS PILE LOCATION WITHIN INSIDE OF BLAST PATTERN.
 4. FAILURE FOR CONTRACTOR TO COMPLY WITH PWGSC DRILLING AND BLASTING REQUIREMENTS SHALL RENDER THE CONTRACTOR RESPONSIBLE FOR ANY DAMAGE TO THE PILE.

ISSUED FOR TENDER	MAY 2015
revisions	date
project	project
DREDGING BEDROCK REMOVAL SAULNIERVILLE DIGBY COUNTY NOVA SCOTIA	
designed by	M. HARRINGS
checked by	MAY 2015
drawn by	R.L. SMELTZER
date	MAY 2015
approved by	[Signature]
date	2015
information	Michael Harkness
date	11 May 2015
project number	R.076827.001
no. du projet	R.076827.001
drawing no.	Sht. 1 of 1
no. du dessin	Sht. 1 of 1

