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Public Works and Government Services Canada

**Dredging**

**Glace Bay SCH**

**Cape Breton County, N.S.**

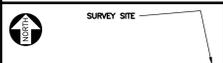
**R.112424.001**

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**APPENDIX D**

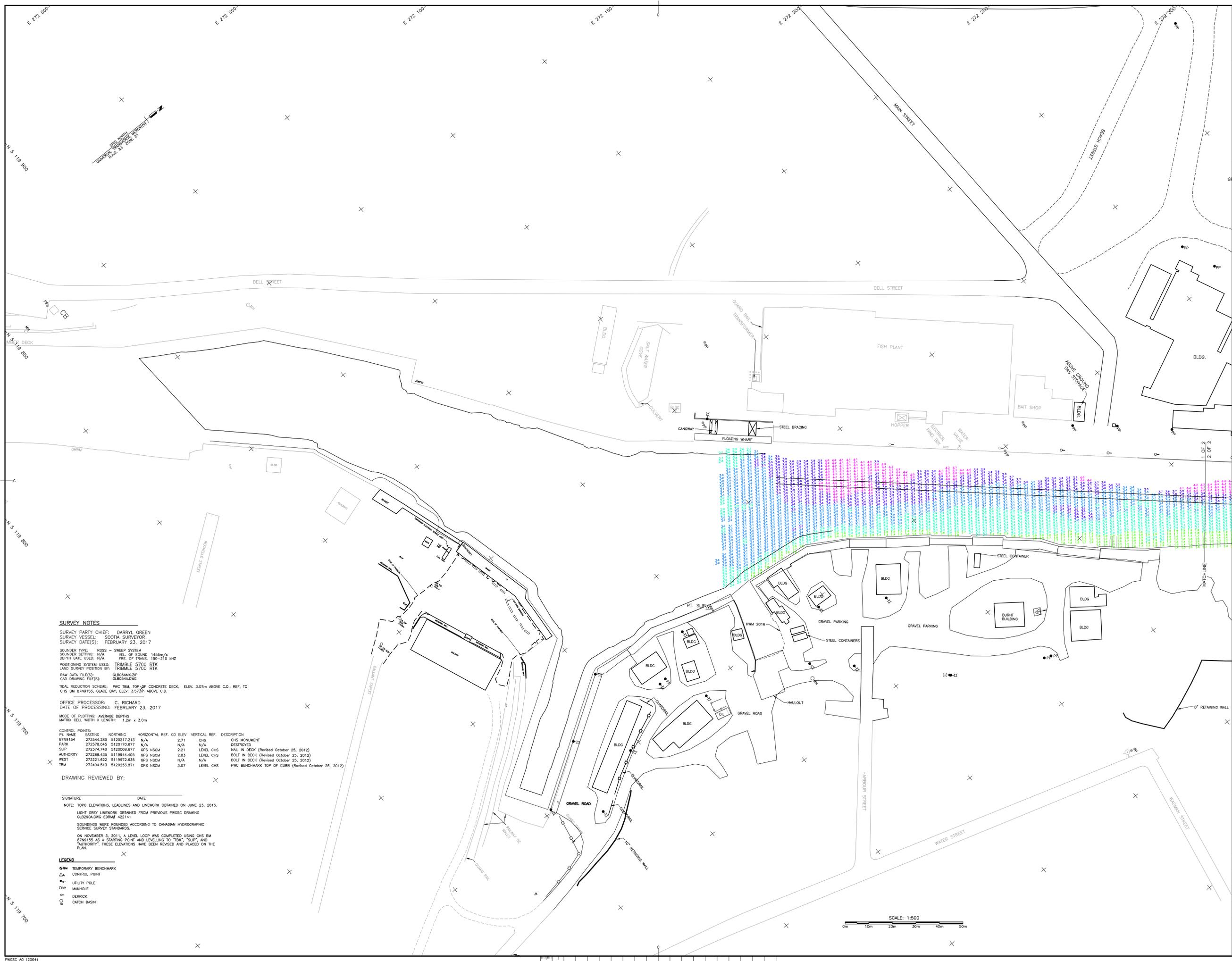
Historical Post Dredge Surveys

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ATLANTIC OCEAN  
LOCATION PLAN  
NOT TO SCALE

**NOT TO BE USED FOR NAVIGATION IN THIS FORMAT**



**SURVEY NOTES**  
 SURVEY PARTY CHIEF: DARRYL GREEN  
 SURVEY VESSEL: SCOTIA SURVEYOR  
 SURVEY DATE(S): FEBRUARY 23, 2017  
 SOUNDING TYPE: ROSS - SWEEP SYSTEM  
 SOUNDING SETTING: N/A VEL. OF SOUND 1455m/s  
 DEPTH GATE USED: N/A FREQ. OF TRANS. 150-210 KHZ  
 POSITIONING SYSTEM USED: TRIMBLE 5700 RTK  
 LAND SURVEY POSITION BY: TRIMBLE 5700 RTK  
 RAW DATA FILE(S): GLB054M.ZIP  
 CAD DRAWING FILE(S): GLB054A.DWG  
 TIDAL REDUCTION SCHEME: PWC TBM, TOP OF CONCRETE DECK, ELEV. 3.07m ABOVE C.D.; REF. TO CHS BM 87N9155, GLACE BAY, ELEV. 3.575m ABOVE C.D.  
 OFFICE PROCESSOR: C. RICHARD  
 DATE OF PROCESSING: FEBRUARY 23, 2017  
 MODE OF PLOTTING: AVERAGE DEPTHS  
 MATRIX CELL WIDTH X LENGTH: 1.2m x 3.0m

CONTROL POINTS:	PL NAME	EASTING	NORTHING	HORIZONTAL REF.	CD ELEV	VERTICAL REF.	DESCRIPTION
87N9154	272544.280	5120217.213	N/A	2.71	CHS	CHS MONUMENT	
PARK	272578.040	5120170.877	N/A	N/A	N/A	DESTROYED	
SLIP	272374.740	5120008.677	GPS NSGM	2.21	LEVEL CHS	NAL IN DECK (Revised October 25, 2012)	
AUTHORITY	272288.435	5119944.405	GPS NSGM	2.83	LEVEL CHS	BOLT IN DECK (Revised October 25, 2012)	
WEST	272221.622	5119972.635	GPS NSGM	N/A	N/A	BOLT IN DECK (Revised October 25, 2012)	
TBM	272494.513	5120253.871	GPS NSGM	3.07	LEVEL CHS	PWC BENCHMARK TOP OF CURB (Revised October 25, 2012)	

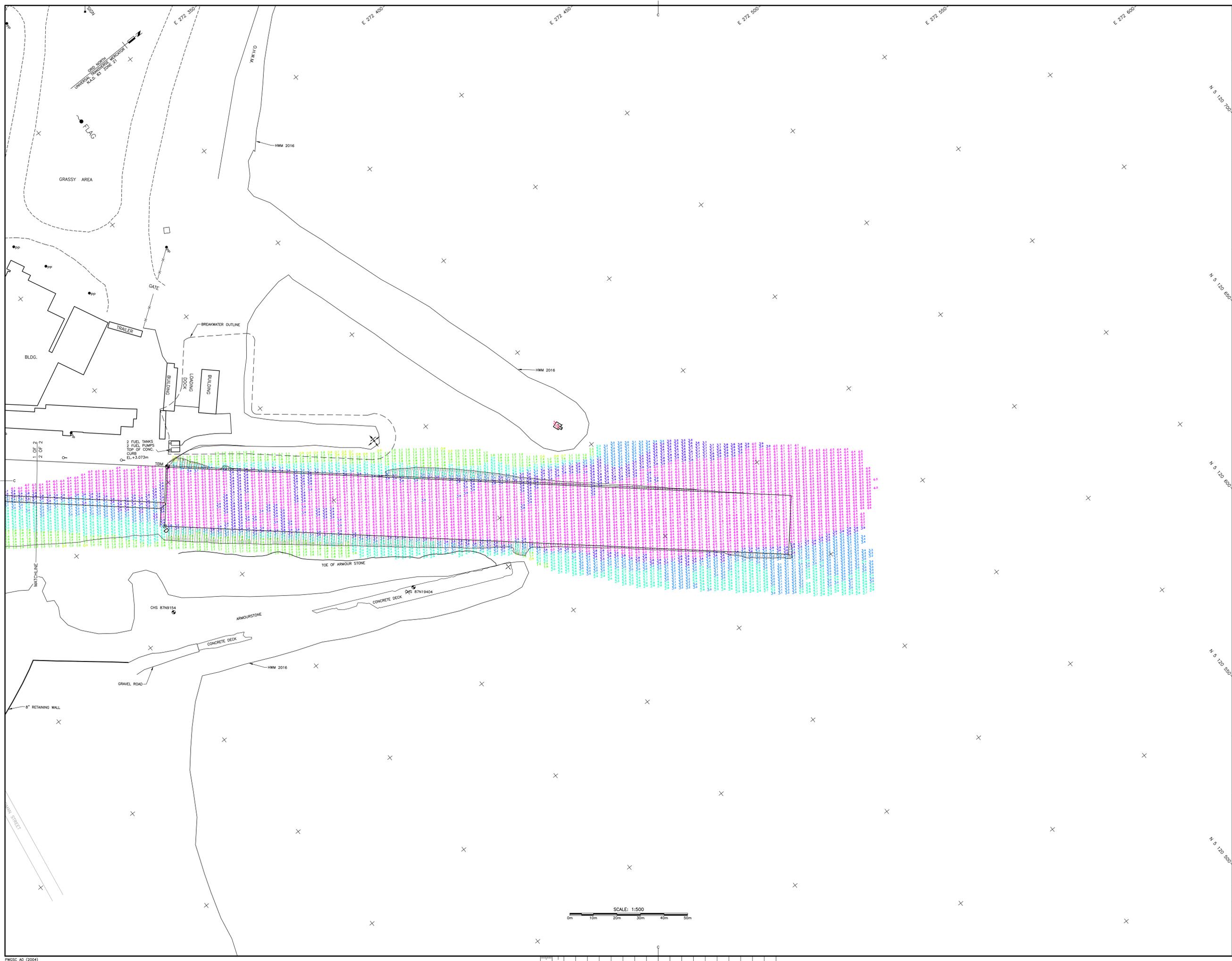
DRAWING REVIEWED BY: \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 NOTE: TOPO ELEVATIONS, LEADLINES AND LINENWORK OBTAINED ON JUNE 23, 2015.  
 LIGHT GREY LINENWORK OBTAINED FROM PREVIOUS PWSC DRAWING GLB024A.DWG EDMM 422141  
 SOUNDINGS WERE ROUNDED ACCORDING TO CANADIAN HYDROGRAPHIC SERVICE SURVEY STANDARDS.  
 ON NOVEMBER 3, 2011, A LEVEL LOOP WAS COMPLETED USING CHS BM 87N9155 AS A STARTING POINT AND LEVELLING TO "TBM", "SLIP", AND "AUTHORITY". THESE ELEVATIONS HAVE BEEN REVISED AND PLACED ON THE PLAN.

- LEGEND**
- ⊕ TBM TEMPORARY BENCHMARK
  - ⊙ CONTROL POINT
  - ⊙ UTILITY POLE
  - ⊙ MANHOLE
  - ⊙ DERRICK
  - ⊙ CATCH BASIN

SCALE: 1:500  
 0m 10m 20m 30m 40m 50m

revisions	date
project	project
<b>HYDROGRAPHIC SURVEY GLACE BAY HARBOUR</b>	
CAPE BRETON COUNTY, NOVA SCOTIA	
drawing	dessin
<b>POST-DREDGE SURVEY AVERAGE DEPTHS (FEBRUARY 2017)</b>	
designed	conçu
date	date
drawn	dessiné
date	date
approved	approuvé
date	date
Tender	Soumission
PWSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
<b>R.082415.003</b>	
drawing no.	no. du dessin
<b>1 OF 2</b>	

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<b>HYDROGRAPHIC SURVEY GLACE BAY HARBOUR</b>	
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2017-02-23	
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date	date
Tender	Soumission
PWSC Project Manager	Administrateur de projets PWSC
project number	no. du projet
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<b>2 OF 2</b>	

