
Public Works and Government Services Canada

Dredging

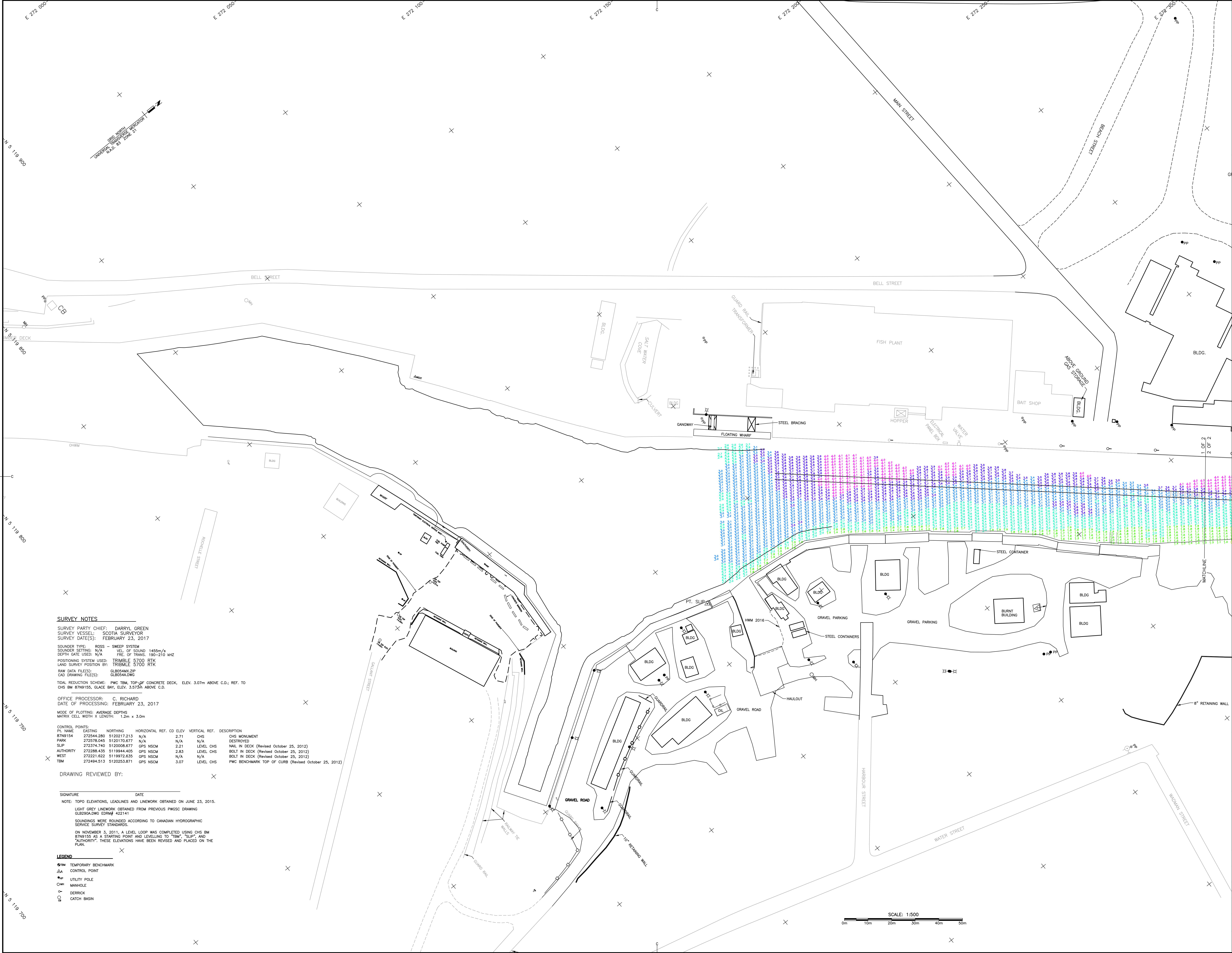
Glace Bay SCH

Cape Breton County, N.S.

R.112424.001

APPENDIX D

Historical Post Dredge Surveys



SURVEY NOTES

SURVEY PARTY CHIEF: DARRYL GREEN
SURVEY VESSEL: SCOTIA SURVEYOR
SURVEY DATE(S): FEBRUARY 23, 2017
SOUNDER TYPE: ROSS - SWEEP SYSTEM
SOUNDER SETTING: N/A VEL. OF SOUND 1456m/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): GLB054M.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:
PT. NAME EASTING NORTHING HORIZONTAL REF. CD ELEV. VERTICAL REF. DESCRIPTION
87N9154 272544.280 5120217.213 N/A 2.71 CHS CHS MONUMENT
PAIR 272578.045 5120170.677 N/A N/A DESTROYED
SLIP 272374.740 5120208.677 GPS NSCM 2.21 NAIL IN DECK (Revised October 25, 2012)
AUTHORITY 272288.435 5119944.405 GPS NSCM 2.83 LEVEL CHS BOLT IN DECK (Revised October 25, 2012)
WEST 272221.622 5119972.635 GPS NSCM N/A N/A BOLT IN DECK (Revised October 25, 2012)
TBM 272494.513 5120253.871 GPS NSCM 3.07 LEVEL CHS PWC BENCHMARK TOP OF CURB (Revised October 25, 2012)

DRAWING REVIEWED BY:

SIGNATURE DATE
NOTE: TOPO ELEVATIONS, LEADLINES AND LINWORK OBTAINED ON JUNE 23, 2015.
LIGHT GREY LINWORK OBTAINED FROM PREVIOUS PWSC DRAWING GLB205A.DWG EDRAW 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

- TEMPORARY BENCHMARK
- CONTROL POINT
- UTILITY POLE
- MANHOLE
- DERRICK
- CATCH BASIN

NOT TO BE USED
FOR NAVIGATION
IN THIS FORMAT

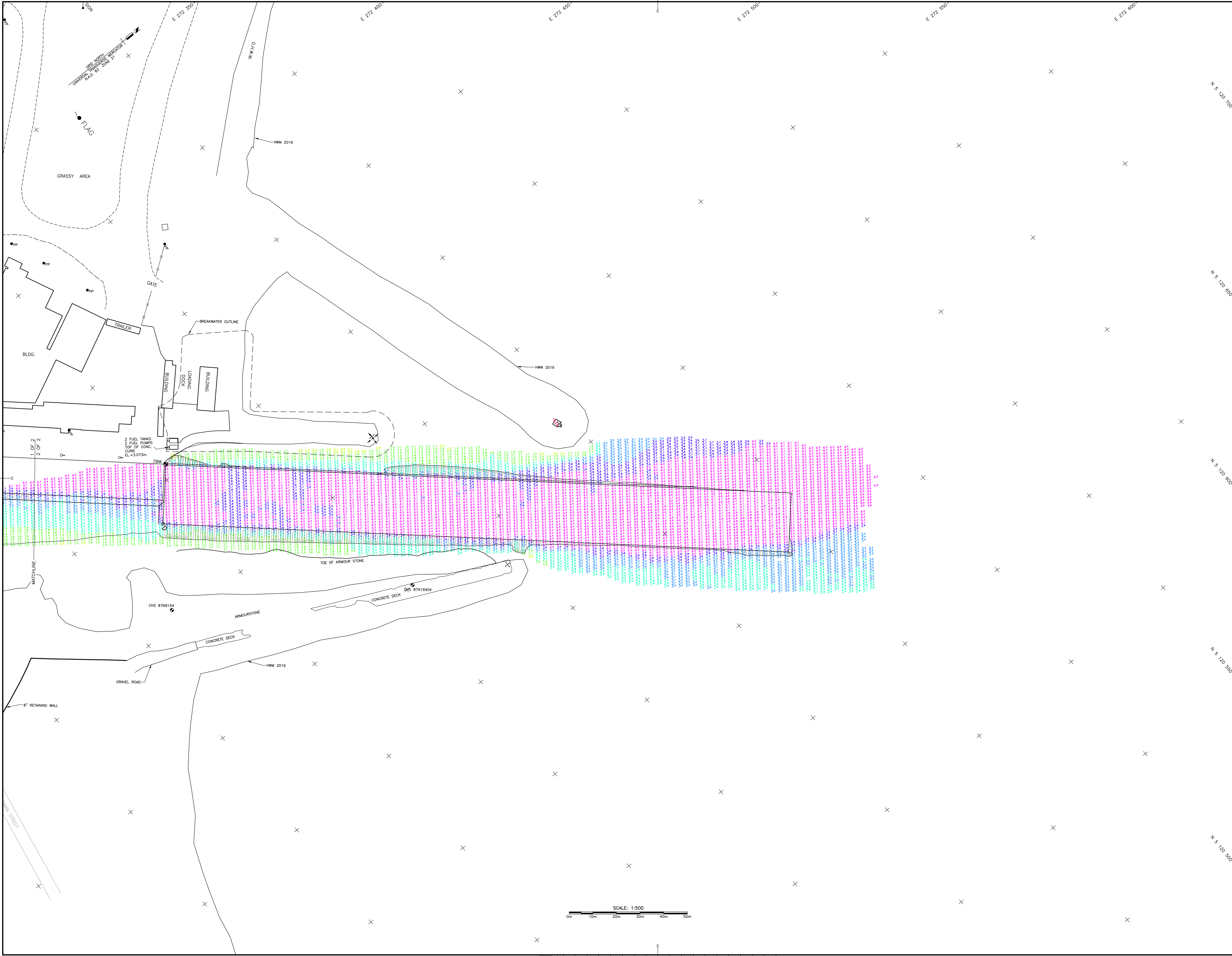
revisions	date
project	project

**HYDROGRAPHIC SURVEY
GLACE BAY
HARBOUR**

CAPE BRETON COUNTY, NOVA SCOTIA

**POST-DREDGE SURVEY
AVERAGE DEPTHS
(FEBRUARY 2017)**

designed	conçu
date	
drown	dessiné
date	2017-02-23
approved	approuvé
date	
funder	Submission
PWSC Project Manager	Administrateur de projets TPSC
project number	no. du projet
R.082415.003	
drawing no.	no. du dessin
1 OF 2	



NOT TO BE USED
FOR NAVIGATION
IN THIS FORMAT

revisions	date
project	project
HYDROGRAPHIC SURVEY GLACE BAY HARBOUR	
CAPE BRETON COUNTY, NOVA SCOTIA	
drawing	dessin
POST-DREDGE SURVEY AVERAGE DEPTHS (FEBRUARY 2017)	
designed	conçu
drawn	dessiné
date	2017-02-23
approved	approuvé
date	
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPWSC
project number	no. du projet
R.082415.003	
drawing no.	no. du dessin
2 OF 2	