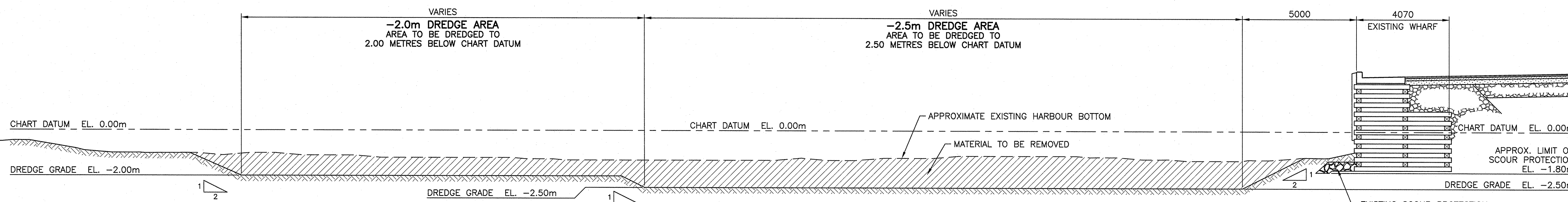
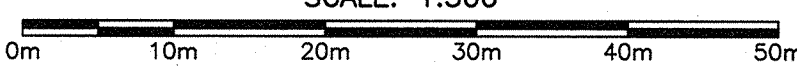


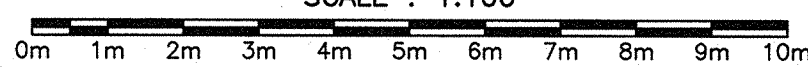
SITE PLAN - DREDGE LIMITS

SCALE: 1:500



TYPICAL DREDGE SECTION

SCALE: 1:100



SURVEY NOTES

SURVEY PARTY CHIEF DAVE MATTHEWS
SURVEY VESSEL SCOTIA SURVEYOR
SURVEY DATE(S) JULY 23, 2014
SOUNDER TYPE: ROSS SWEEP SYSTEM
SOUNDER SETTING INST VEL. OF SOUND 1512 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 190-210 kHz
POSITIONING SYSTEM USED TRIMBLE R7 RTK GPS
LAND SURVEY POSITION BY N/A
RAW DATA FILE(S): NWT204.ZIP
CAD DRAWING FILE(S): NWT204A.DWG
TIDAL REDUCTION SCHEME PT. SLIP, TOP OF CONCRETE CURB,
ELEVATION 2.34m ABOVE CHART DATUM, REFERENCED TO
CHS BM 2-1989, NORTH STONEY, 3.60m ABOVE CHART DATUM
(ESTABLISHED BY A HISTORICAL WATER LEVEL TRANSFER)

OFFICE PROCESSOR B. WAGNER
DATE OF PROCESSING JULY 29, 2014

MODE OF PLOTTING AVERAGE DEPTHS
MATRIX CELL WIDTH X LENGTH 1.2 X 3.0

CONTROL POINTS:

PT NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
HILL	724757.443	5126725.210	6.02	PWSSC CONTROL
BM#1	724820.200	5126634.900	2.60	PWSSC CONTROL (TOP OF CURB)
BREAK	724828.494	5126632.155	2.41	PWSSC CONTROL (DECK)
SLIP	724780.073	5126638.860	2.34	PWSSC CONTROL (TOP OF DECK)

LEGEND

- BM BENCHMARK
- △A CONTROL POINT
- PP UTILITY POLE
- MH STORM WATER MANHOLE
- ⊕C DREDGE COORDINATE

DREDGE COORDINATES

MARK	EASTING	NORTHING
A	E 724 725.763	N 5 126 639.394
B	E 724 730.113	N 5 126 675.130
C	E 724 829.742	N 5 126 666.024
D	E 724 826.480	N 5 126 639.222
E	E 724 774.861	N 5 126 645.506
F	E 724 768.447	N 5 126 634.198
G	E 724 773.074	N 5 126 672.208
H	E 724 813.359	N 5 126 688.670
I	E 724 840.584	N 5 126 688.881

GENERAL NOTES

- THE WORK UNDER THIS CONTRACT CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - SITE DEVELOPMENT AT THE DISPOSAL SITE AS OUTLINED IN THE SITE MANAGEMENT PLAN INCLUDED AS APPENDIX B OF THE SPECIFICATION.
 - DREDGING TO GRADES INDICATED OR HARD BOTTOM WHICHEVER IS ENCOUNTERED FIRST, INCLUDING THE TRANSPORTATION AND DISPOSAL OF DREDGED MATERIAL AT THE DESIGNATED SITE.
- ELEVATIONS REFER TO BENCHMARK BM#1 LOCATED ON TOP OF CONCRETE GUARD OF SOUTH WHARF, WHERE INDICATED ON SITE PLAN, WITH AN ELEVATION OF 2.60 METRES ABOVE CHART DATUM.
- CHART DATUM IS, BY INTERNATIONAL AGREEMENT, A PLANE BELOW WHICH THE TIDE WILL SELDOM FALL. THE CANADIAN HYDROGRAPHIC SERVICE HAS ADOPTED THE PLANE OF LOWEST NORMAL TIDE (L.N.T.) AS CHART DATUM. AS THE RISE, FALL AND RANGE OF TIDES VARIES DAILY, THE CANADIAN TIDE AND CURRENT TABLES, AS ISSUED BY THE CANADIAN HYDROGRAPHIC SERVICE, SHOULD BE CONSULTED FOR TIDAL PREDICTIONS AND OTHER TIDAL INFORMATION RELATING TO WORK.
- GRID NORTH REFERS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION COORDINATES, NORTH AMERICAN DATUM 1983, ZONE 20.
- ALL DIMENSIONS SHOWN ARE IN MILLIMETRES AND ELEVATIONS ARE IN METRES. DO NOT SCALE FROM DRAWINGS, FIGURED DIMENSIONS ARE TO BE FOLLOWED.
- CONTRACTOR TO LOCATE TOE OF LAUNCHING RAMP. TOP OF DREDGE SLOPE TO BE A MINIMUM OF 2 METRES FROM TOE OF RAMP.
- DREDGE SIDE SLOPES AT 1 VERTICAL TO 2 HORIZONTAL.

0	ISSUED FOR TENDER	OCT.03 2014
revisions		date

project

BASIN REDREDGING
NEW WATERFORD
CAPE BRETON COUNTY
NOVA SCOTIA

drawing

SITE PLAN AND SECTIONS

designed E.GUEST

date OCTOBER 2014

drawn S.GRACE

date OCTOBER 2014

approved

date

project number

R.070790.001

drawing no.

Sht.1