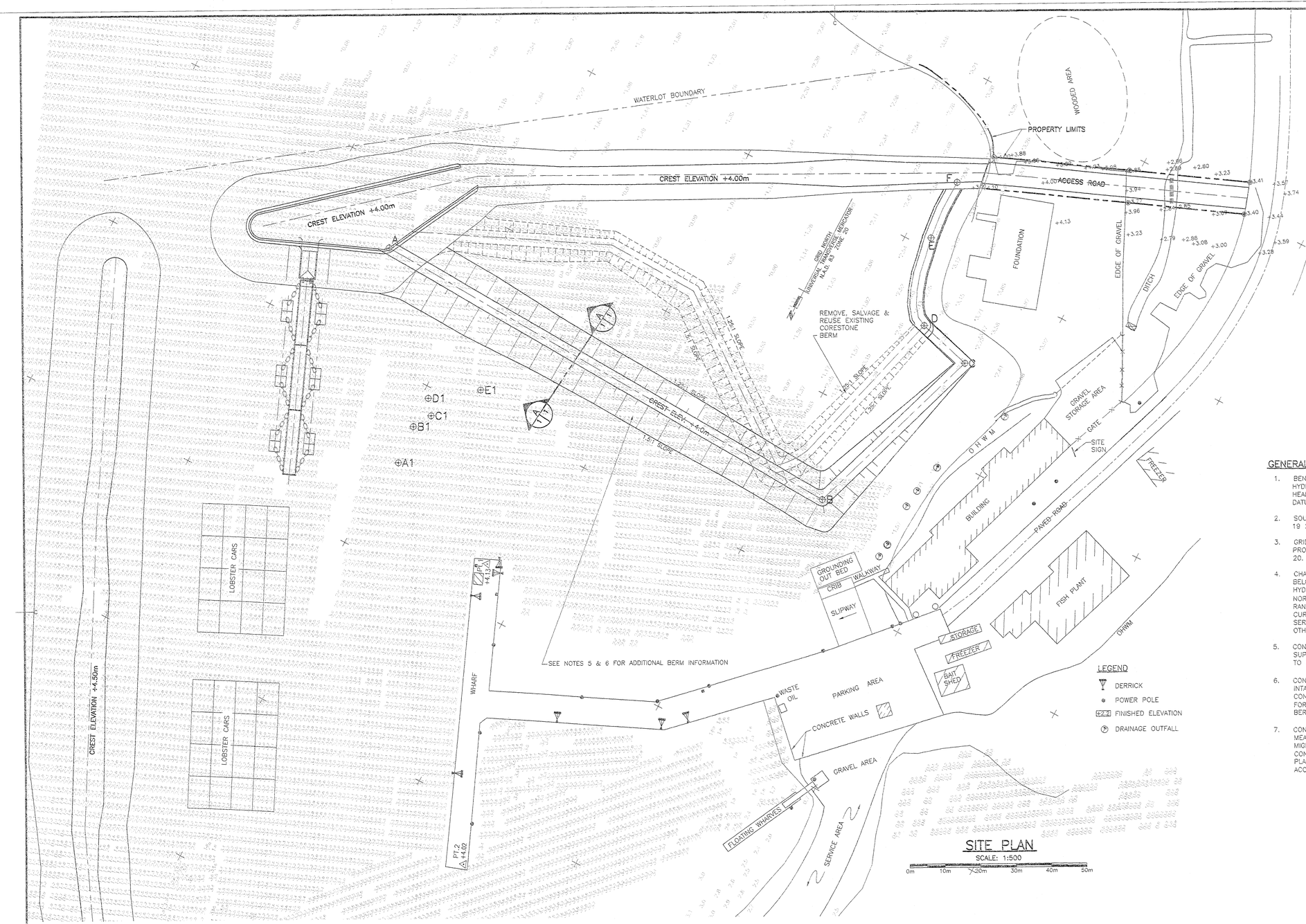


SITE PLAN
SCALE: 1:500

0m 10m 20m 30m 40m 50m

LEGEND

- DERRICK
- POWER POLE
- +2.2 FINISHED ELEVATION
- DRAINAGE OUTFALL

SURVEY NOTES

SURVEY PARTY CHIEF DARRYL GREEN
SURVEY VESSEL SCOTIA SURVEYOR
SURVEY DATE(S) OCTOBER 19, 2001

SOUNDER TYPE: SWEEP SYSTEM
SOUNDER SETTING MIN/INST VEL OF SOUND 1489m/s
DEPTH GATE USED 1.0 FRE. OF TRANS. 210 kHz

POSITIONING SYSTEM USED DGPS ASHTECH Z12
LAND SURVEY POSITION BY N/A

RAW DATA FILE(S): NEWELL1.292 AND NEWELL.CRD
CAD DRAWING FILE(S): NWL292A1.DWG

TIDAL REDUCTION SCHEME
CHS BM 1-1983, WESTHEAD 4.324m ABOVE C.D.

OFFICE PROCESSOR MICHEL GOGUEN
DATE OF PROCESSING NOVEMBER 01, 2001

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH 1.2m x 3.0m

CONTROL POINTS:

Pt. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
1	287011.47	4815636.27	4.13	PWGSC CONTROL
2	286978.32	4816715.08	4.02	PWGSC CONTROL
25183	285302.952	4814926.616	N/A	PWGSC CONTROL
1-1983	N/A	N/A	4.324	CHS MONUMENT

BERM COORDINATES

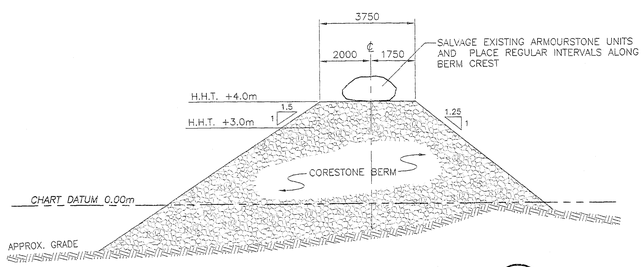
MARK	EASTING	NORTHING
A	E 287 077.535	N 4 816 570.366
B	E 286 936.184	N 4 816 576.686
C	E 286 918.443	N 4 816 523.857
D	E 286 933.505	N 4 816 519.676
E	E 286 943.317	N 4 816 496.851
F	E 286 944.102	N 4 816 479.523

INTAKE INVERT COORDINATES

MARK	EASTING	NORTHING
A1	E 287 047.000	N 4 816 623.000
B1	E 287 048.000	N 4 816 612.000
C1	E 287 045.000	N 4 816 607.000
D1	E 287 048.000	N 4 816 603.000
E1	E 287 036.000	N 4 816 594.000

GENERAL NOTES

1. BENCHMARK FOR VERTICAL CONTROL IS A CANADIAN HYDROGRAPHIC SERVICE BENCHMARK 1-1983, LOCATED AT WEST HEAD, WITH AN ELEVATION OF 4.324 METRES ABOVE CHART DATUM.
2. SOUNDING SURVEY CARRIED OUT BY PWGSC CREW ON OCTOBER 19 2001 BY PWGSC CREW. DATA VALID ONLY ON DATE TAKEN.
3. GRID NORTH REFERS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION COORDINATES, NORTH AMERICAN DATUM 1983, ZONE 20.
4. 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 THE WORK.
5. CONTRACTOR TO SALVAGE AND REUSE EXISTING BERM CORESTONE. SUPPLY AND INSTALLATION OF ADDITIONAL MATERIAL AS REQUIRED TO COMPLETE INSTALLATION.
6. CONTRACTOR TO SURVEY INTAKE INVERT LOCATIONS AND LENGTH OF INTAKE LINE PRIOR TO CONSTRUCTION OF NEW CORESTONE BERM. CONTRACTOR TO PROVIDE UTM COORDINATES TO DEPARTMENTAL REP. FOR CONFIRMATION PRIOR TO CONSTRUCTION OF NEW CORESTONE BERM.
7. CONTRACTOR SHALL ERECT EROSION AND SEDIMENTARY CONTROL MEASURES TO ENSURE EXISTING BERM INFILL MATERIAL DOES NOT MIGRATE INTO THE HARBOUR FOR THE DURATION OF THE CONTRACT. CONTRACTOR TO PROVIDE EROSION AND SEDIMENTATION PLAN TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND ACCEPTANCE PRIOR TO CONSTRUCTION.



BERM SECTION (STA. 0+000 TO 0+197) A 1 1
SCALE : 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

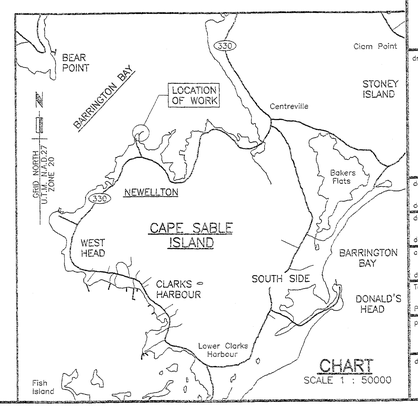


CHART
SCALE 1 : 50000

0	ISSUED FOR TENDER	JAN 2019
revisions		date

project / projet

NEWELLTON CONTAINMENT BERM CONSTRUCTION

drawing / dessin

SITE PLAN & SECTION

designed B. ALLARD / conçu
date JAN. 2019
drawn R.L. SMELTZER / dessiné
date JAN. 2019
approved / approuvé
date
Tender / Soumission
PWGSC project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.106630.001
drawing no. / no. du dessin
M01

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

REGISTERED PROFESSIONAL ENGINEER DATE 2020-01-21 B.D. ALLARD 12540 PROVINCE OF NOVA SCOTIA

PWGSC B1 (2004)

E-DRM/GDD-E: 553006 Version 1