

Fisheries and Oceans  
Canada

Small Craft Harbours  
Maritimes/Gulf Region

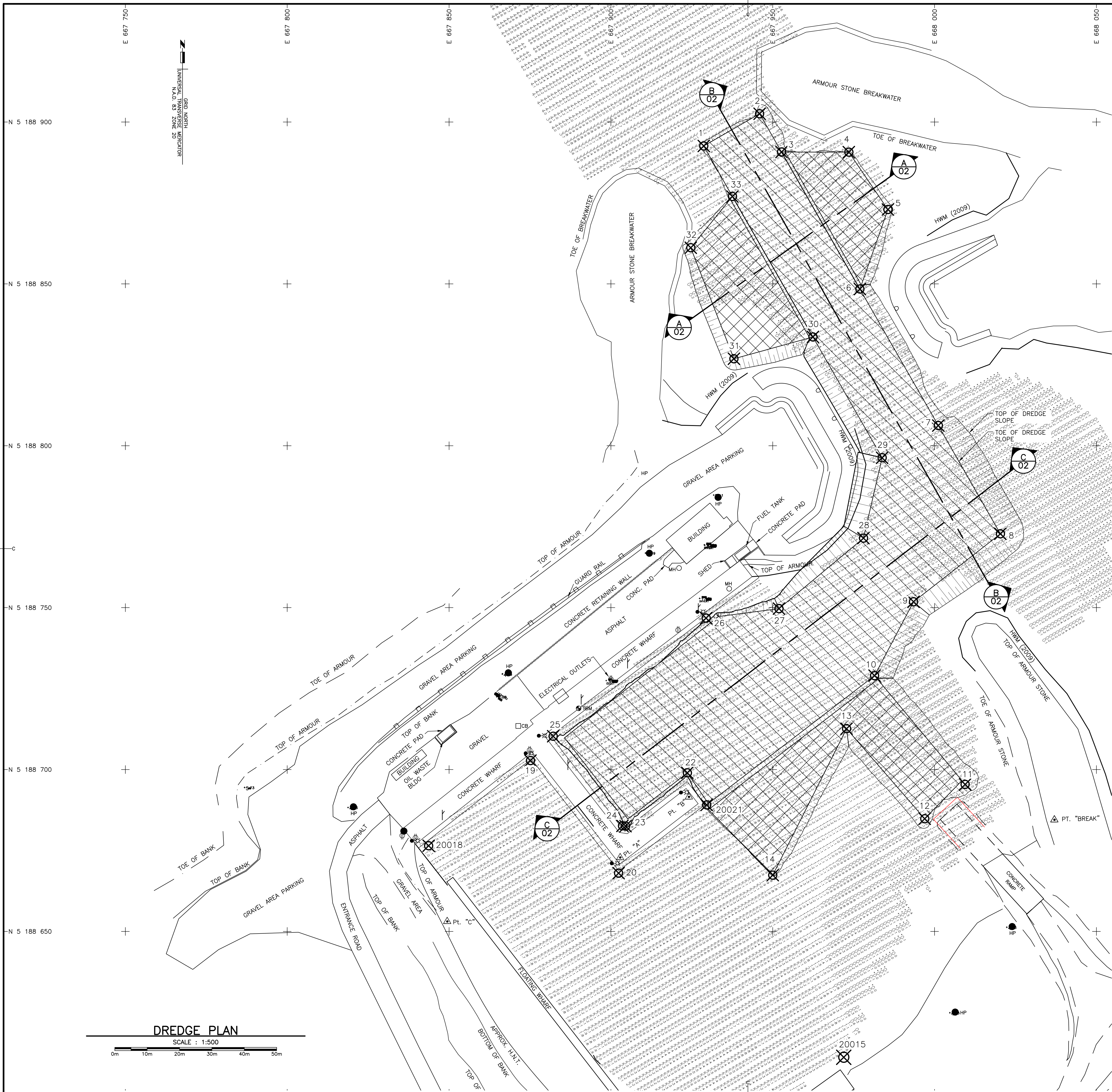
Pêches et Océans  
Canada

Ports pour Petits Bateaux  
Région de Maritimes/Golfe

**PLEASANT BAY  
HARBOUR RE-DREDGING  
PLEASANT BAY  
INVERNESS COUNTY  
NOVA SCOTIA**

**PROJECT NO. 722905  
ISSUED FOR TENDER: 30 JULY 2019**

**Canada**



**SURVEY NOTES**

SURVEY PARTY CREW DARRYL GREEN  
 SURVEY VESSEL SCOTIA SURVEYOR  
 SURVEY DATES MAY 30, 2019

SOUNDER TYPE ROSS SWEEP (MULTI-TRANSDUCER) SYSTEM  
 SOUNDER SETTING INST. VEL. OF SOUND 1469m/s  
 DEPTH GATE USED N/A FRE. OF TRANS. 190 & 210 KHz

POSITIONING SYSTEM USED TRIMBLE 5700 RTK GPS  
 LAND SURVEY POSITION BY TRIMBLE 5700

RAW DATA FILE(S): PLB150.ZIP  
 CAD DRAWING FILE(S): PLB150A.DWG

TIDAL REDUCTION SCHEME: PWC TBM ELEVATION 3.304m ABOVE CHART DATUM (TOP OF CONCRETE GUARD), REFERENCED TO NSCM 13856, ELEVATION 4.175 ABOVE CHS CHART DATUM.

OFFICE PROCESSOR ELIZABETH VAN NULAND  
 DATE OF PROCESSING MAY 31, 2019

MODE OF PLOTTING AVERAGE DEPTHS  
 MATRIX CELL WIDTH x LENGTH 1.2m x 3.0m

CONTROL POINTS

PT. NAME	EASTING	NORTHING	CD	ELEV DESCRIPTION
EAST	668085.765	5188834.716	15.154	PWGSC CONTROL
BREAK	668037.026	5188684.475	2.563	PWGSC CONTROL (TOP OF CONCRETE GUARD)
TBM	667890.0	5188718.9	3.304	PWGSC CONTROL (2014 ESTABLISHED) NSCM CONTROL
PT. A	667902.866	5188672.813	2.87	PWGSC CONTROL
PT. B	667924.095	5188691.548	3.04	PWGSC CONTROL
PT. C	668085.77	5188834.72	N/A	PWGSC CONTROL (2014 ESTABLISHED) NSCM CONTROL
13855	668897.663	5189731.589	N/A	NSCM CONTROL

NOTE: TOPOGRAPHIC LINEWORK TAKEN FROM 2018 PWGSC HYDROGRAPHIC PLAN "PLB150A" GPS BASE STATION SETUP AT PT. "EAST" ON MAY 30, 2019.

**GENERAL NOTES**

- THE WORK UNDER THIS CONTRACT CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING:
  - DREDGING OF MATERIAL TO INDICATED DEPTHS.
- DREDGING OPERATIONS ARE NOT TO UNDERMINE THE EXISTING BREAKWATERS OR WHARF STRUCTURES. MAINTAIN A MINIMUM CLEARANCE OF 1.5m FROM ALL EXISTING STRUCTURES.
- GRID NORTH REFERS TO UNIVERSAL TRANSVERSE MERCATOR PROJECTION COORDINATES, NORTH AMERICAN DATUM 1983, ZONE 20.
- CHART DATUM IS, BY INTERNATIONAL, 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.
- DREDGE SIDE SLOPE VARIES BETWEEN 1 VERTICAL TO 2 HORIZONTAL AND 1 VERTICAL TO 3 HORIZONTAL.
- ALL DIMENSIONS SHOWN ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS. DO NOT SCALE FROM DRAWINGS, FIGURED DIMENSIONS ARE TO BE FOLLOWED.

**LEGEND**

- ▲ CONTROL POINT
- B.M. BENCHMARK
- ⊙ SOUNDING
- ⊕ TOPOGRAPHICAL ELEVATION
- ⊕ NAVIGATION LIGHT
- CB STORM WATER CATCH BASIN
- MH WATER UTILITY MANHOLE
- LIGHT POLE
- POWER POLE
- ⊕ ELECTRICAL RECEPTACLE
- RETAINING WALL
- ⊕ DERRICK
- ▨ AREA DREDGED TO -2.0m
- ▨ AREA DREDGED TO -2.5m

**DREDGE COORDINATES**

MARK	EASTING	NORTHING
1	E 667 928.688	N 5 188 892.591
2	E 667 945.939	N 5 188 902.540
3	E 667 952.712	N 5 188 890.726
4	E 667 973.510	N 5 188 890.688
5	E 667 985.585	N 5 188 872.969
6	E 667 976.928	N 5 188 848.401
7	E 668 001.151	N 5 188 806.245
8	E 668 020.324	N 5 188 772.806
9	E 667 993.496	N 5 188 751.812
10	E 667 981.457	N 5 188 728.995
11	E 668 009.443	N 5 188 695.396
12	E 667 996.961	N 5 188 684.800
13	E 667 972.807	N 5 188 712.599
14	E 667 950.008	N 5 188 667.382
20015	E 667 971.945	N 5 188 611.134
20016	E 667 931.343	N 5 188 581.838
20017	E 667 917.603	N 5 188 582.510
20018	E 667 843.680	N 5 188 676.468
19	E 667 875.148	N 5 188 702.757
20	E 667 902.382	N 5 188 667.993
20021	E 667 929.591	N 5 188 689.076
22	E 667 923.615	N 5 188 698.984
23	E 667 904.512	N 5 188 682.529
24	E 667 903.570	N 5 188 682.617
25	E 667 882.167	N 5 188 710.290
26	E 667 929.421	N 5 188 746.767
27	E 667 951.934	N 5 188 749.694
28	E 667 978.042	N 5 188 771.474
29	E 667 983.800	N 5 188 876.297
30	E 667 962.412	N 5 188 833.600
31	E 667 938.007	N 5 188 826.868
32	E 667 924.680	N 5 188 861.155
33	E 667 937.542	N 5 188 876.976

GRID NORTH  
 UNIVERSAL TRANSVERSE MERCATOR  
 NAD 83 ZONE 20

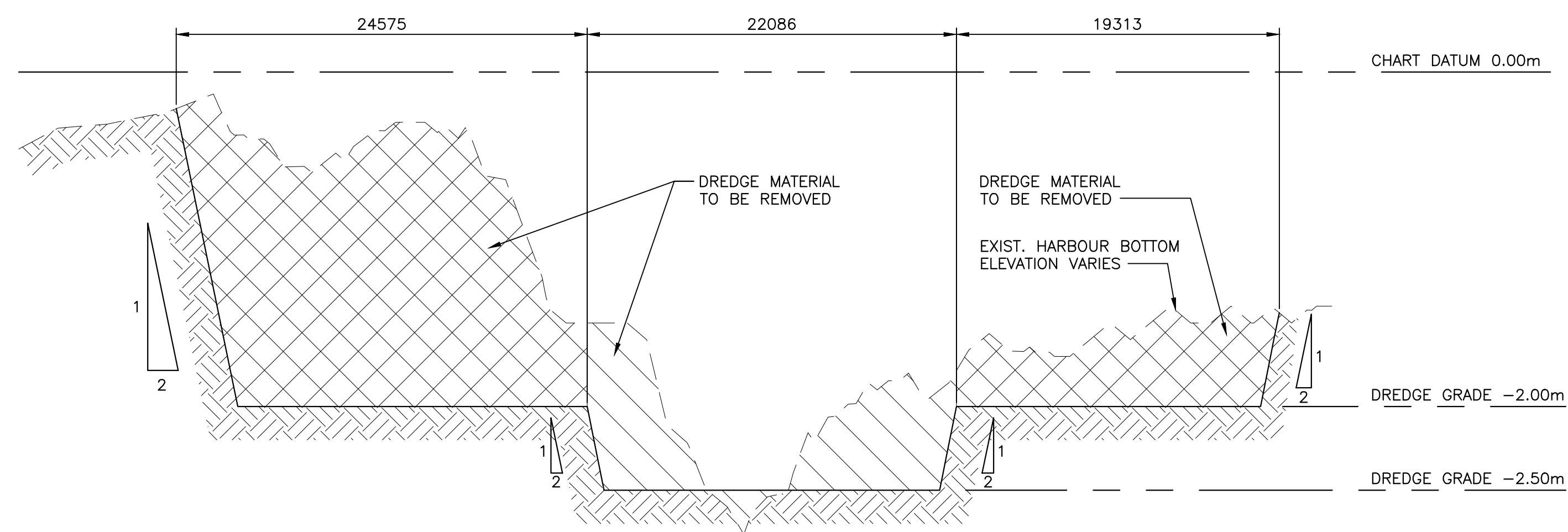
**DREDGE PLAN**  
 SCALE : 1:500

Fisheries and Oceans Pêches et Océans  
 Canada Canada

Small Craft Harbours Ports pour Petits Bateaux  
 Maritimes/Gulf Region Région des Maritimes/Golfe

Stantec Consulting Ltd.  
 102-46 Reginald Park Drive  
 Dartmouth NS B3A 0A4  
 Tel: 902.468.7777  
 Fax: 902.468.7777  
 P.O. Box 135431320

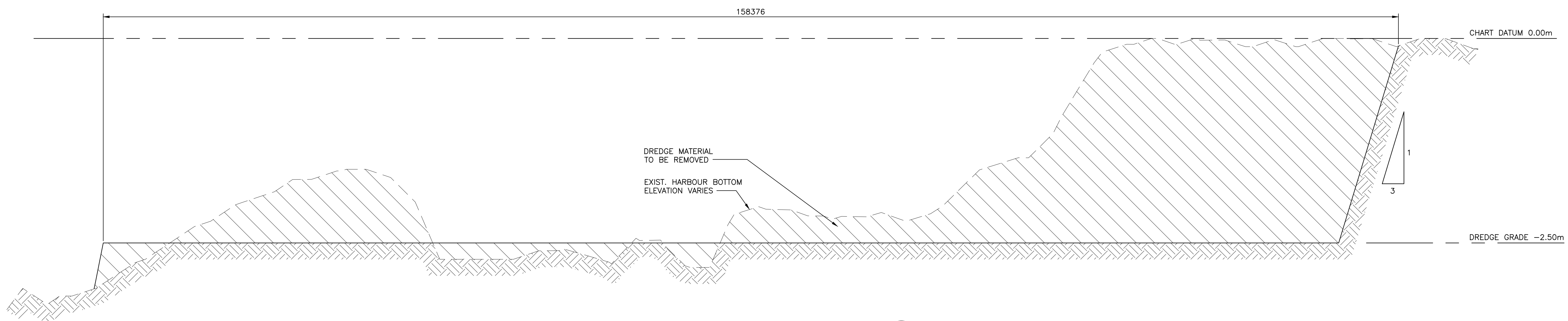
0	ISSUED FOR TENDER	07/30 2019
revisions		date
project	PLEASANT BAY HARBOUR RE-DREDGING INVERNESS COUNTY NOVA SCOTIA	
drawing	DREDGE PLAN	
designed	conçu	
date	date	
drawn	N. SLACK	dessiné
date	30 JULY 2019	date
approved	approuvé	
date	date	
Tender	Soumission	
PWGSC Project Manager	Administrateur de projets TPSCG	
project number	no. du projet	
	722905	
drawing no.	no. du dessin	
	C01	



**SECTION** **A**  
**01**

HORIZ. SCALE : 1:250  
0m 5m 10m 15m 20m 25m

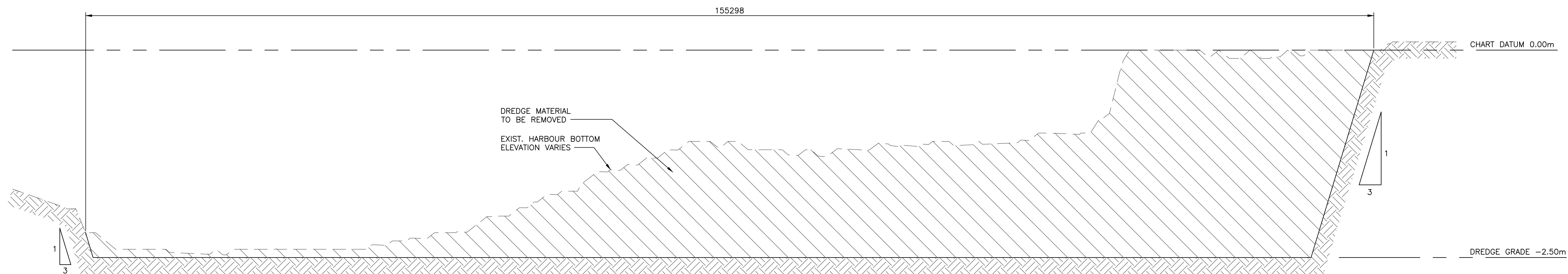
VERT. SCALE : 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



**SECTION** **B**  
**01**

HORIZ. SCALE : 1:250  
0m 5m 10m 15m 20m 25m

VERT. SCALE : 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



**SECTION** **C**  
**01**

HORIZ. SCALE : 1:250  
0m 5m 10m 15m 20m 25m

VERT. SCALE : 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm

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project **PLEASANT BAY  
HARBOUR RE-DREDGING**  
**INVERNESS COUNTY  
NOVA SCOTIA**

drawing **SECTIONS** dessin

designed	conçu
date	
drawn	N. SLACK
date	30 JULY 2019
approved	approuvé
date	

Tender **Submission**

PWGSC Project Manager **Administrateur de projets TPSCG**

project number **722905** no. du projet

drawing no. **C02** no. du dessin


GRS NORTH  
 UNIVERSAL TRANSVERSE MERCATOR  
 N.A.D. 83 ZONE 20



APPROXIMATE AREA  
FOR DEVELOPMENT OF  
CONTAINMENT CELL

**DREDGE SPOIL DISPOSAL AREA PLAN**

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


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**Stantec**

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 Dartmouth NS B3A 0A3  
 Tel: 902.468.7777  
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 PRO: 135431320

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project project  
**PLEASANT BAY  
 HARBOUR RE-DREDGING**  
**INVERNESS COUNTY  
 NOVA SCOTIA**

drawing dessin  
**DREDGE SPOIL  
 DISPOSAL AREA PLAN**

designed conçu

date  
 drawn N. SLACK dessin  
 date 30 JULY 2019

approved approuvé  
 date

Tender Soumission

PWSC Project Manager Administrateur de projets TPSGC

project number no. du projet  
**722905**

drawing no. no. du dessin  
**C03**