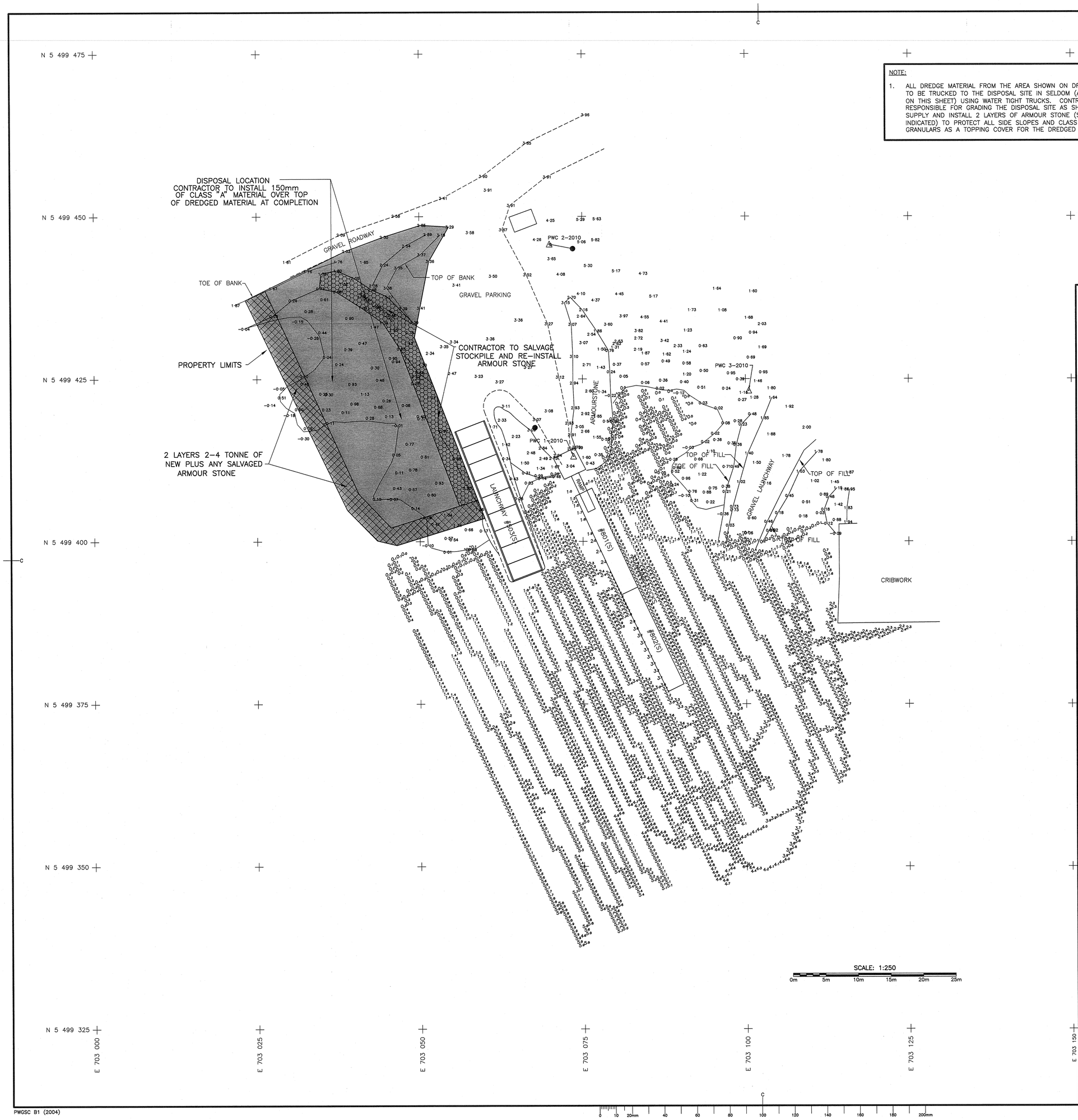
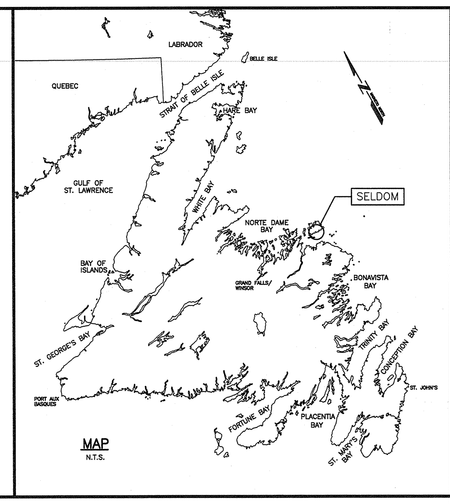


NOTE:

1. ALL DREDGE MATERIAL FROM THE AREA SHOWN ON DRAWING C1 IS TO BE TRUCKED TO THE DISPOSAL SITE IN SELDOM (AS SHOWN ON THIS SHEET) USING WATER TIGHT TRUCKS. CONTRACTOR RESPONSIBLE FOR GRADING THE DISPOSAL SITE AS SHOWN. SUPPLY AND INSTALL 2 LAYERS OF ARMOUR STONE (SIZES AS INDICATED) TO PROTECT ALL SIDE SLOPES AND CLASS 'A' GRANULARS AS A TOPPING COVER FOR THE DREDGED MATERIAL.



MAP
N.T.S.

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) NOVEMBER 06,2010

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1520 m/s
DEPTH GATE USED N/A **FRE. OF TRANS.** 210 kHZ

POSITIONING SYSTEM USED DGPS (WITH OTF)
LAND SURVEY POSITION BY DGPS (WITH OTF)

DATA TAPE/DISC(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME REAL TIME DGPS (WITH OTF)

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING JANUARY 2010

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH 1.0 x 1.0
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

Pt. NAME	NORTHING	EASTING	CD ELEV	DESCRIPTION
7602326	5499016.336	704472.054		C.L mon. SET IN BEDROCK.
7602327	5499331.581	702907.919		C.L mon. SET IN BEDROCK.
9802	5499051.414	703446.805	2.19	NAIL RAMSET IN CONC. DECK.
91F9155	5499037.978	703562.653	3.546	CHS BENCH MARK SET IN BEDROCK
91F9157	5499042.993	703393.131	4.861	CHS BENCH MARK SET IN BEDROCK
PWC 1-2010	5499413.115	703073.614	3.049	NAIL IN WOODEN DECK
PWC 2-2010	5499445.745	703070.001	4.305	ANCHOR FOR GUYWIRE FOR POLE
PWC 3-2010	5499423.210	703100.515	1.469	BOLT SET IN BEDROCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 91F9155,ELEV. +3.546m ABOVE CHART DATUM.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON Nov.06,2010 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.2010.

SPEED OF SOUND WAS OBTAINED USIND A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN SELDOM FIELD BOOK #277.

LEGEND

SYMBOLS

- ACQUACULTURE
- ANCHOR BLOCK
- BOREHOLE
- BOUNDARY MARKER
- CATCH BASIN
- CONTROL VALVES
- CULVERT
- DISPOSAL
- ELECTICAL BOX
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FUEL PUMP
- HORIZONTAL CONTROL
- INVERT PIPE
- FLAG POLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- RANGE LIGHT
- SAFETY POST
- SEWER OUTFLOW PIPE
- SIGN
- TELEPHONE
- TELEPHONE POLE
- TOWER
- TREE
- UTILITY POLE
- VERTICAL CONTROL
- WATER TAP/OUTLET
- WATER VALVE
- WATER WELL
- WOOD PILE

LINETYPE

- ARMOUR STONE
- CL RAILROAD
- DRAIN PIPE
- EDGE ROAD / SHOULDER
- FENCE LINE
- GUARD RAIL
- MARSH OUTLINE
- PROPERTY BOUNDARY
- RANGE LIGHT EXTENSION
- RETAINING WALL
- RIPRAP
- TOE OF BANK
- TREE LINE
- UNDERGROUND CABLE

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

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
AFN ENGINEERING INC.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No as issued by APEGNL F0292
which is valid for the year 2016

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEIL C. HUNT
SIGNATURE
06/23/16
DATE
NEWFOUNDLAND & LABRADOR

revisions		date
A	ISSUED FOR TENDER	06/23/16

project / projet

DREDGING

JOE BATT'S ARM

drawing / dessin

DISPOSAL SITE FOR DREDGED MATERIAL

designed / conçu: N.H.
date: JUNE 23, 2016
drawn / dessiné: P.H.
date: JUNE 23, 2016
approved / approuvé
date

Tender / Soumission
PWGSC Project Manager / Administrateur de/projets TPSGC

project number / no. du projet: R.083365.001

drawing no. / no. du dessin: C3 OF 3

PWGSC B1 (2004)

E-DRM/GDD-E: 543528