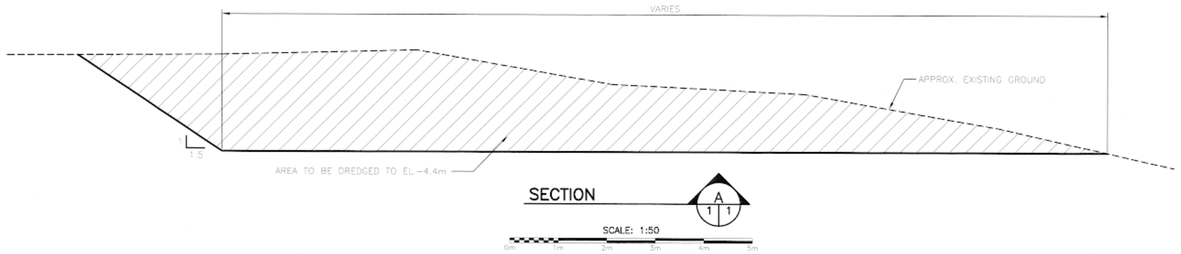



## SECTION A

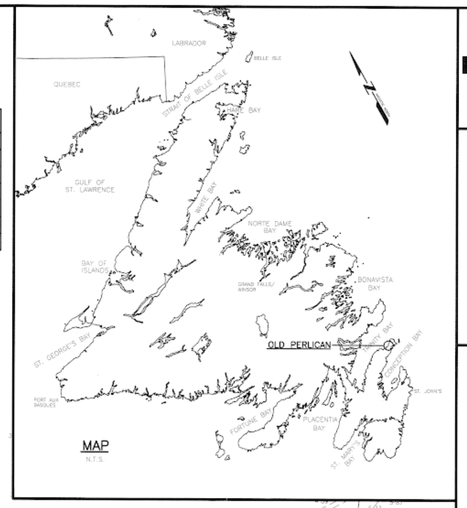
SCALE: 1:50

| HORIZONTAL CONTROL POINTS | | |
|---|---|---|
| MARK | EASTING | NORTHING |
| A | E 350475.414 | N 5328017.374 |
| B | E 350503.112 | N 5328040.804 |
| C | E 350524.373 | N 5328046.133 |
| D | E 350561.150 | N 5328043.324 |
| E | E 350600.217 | N 5328019.410 |
| F | E 350596.886 | N 5328003.297 |

UTM ZONE 21 NAD83 CSRS

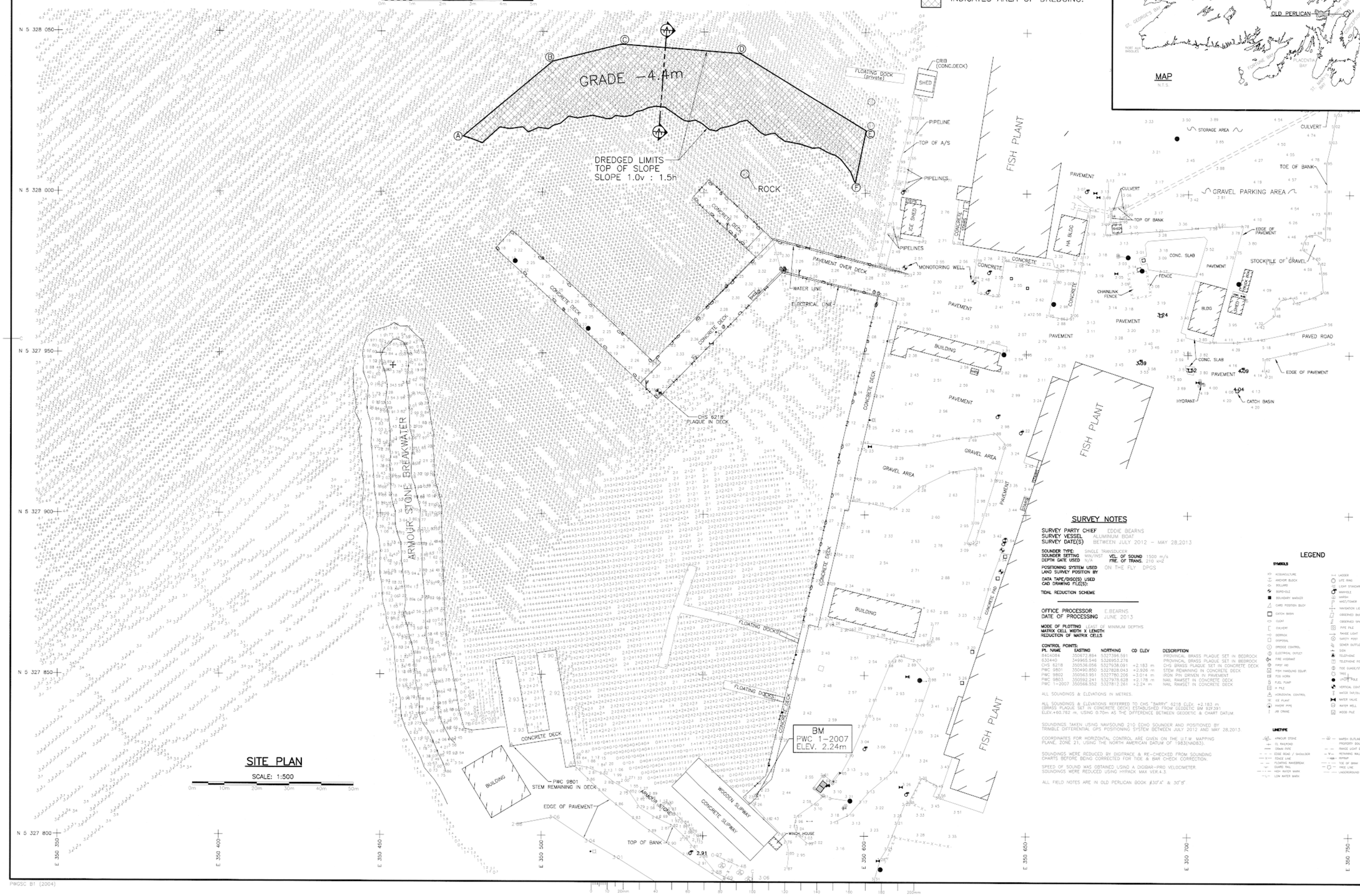
**LEGEND**

INDICATES AREA OF DREDGING.




MAP

N.T.S.




## SITE PLAN

SCALE: 1:500

## SURVEY NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN JULY 2012 – MAY 28,2013

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/MST VEL. OF SOUND 1500 m/s
DEPTH GATE USED N/A FREQ. OF TRANS. 210 kHZ

POSITIONING SYSTEM USED ON THE FLY DPGS
LAND SURVEY POSITION BY

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR E.BEARNS
DATE OF PROCESSING JUNE 2013

MODE OF PLOTTING EAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

| PL NAME | EASTING | NORTHING | CD ELEV | DESCRIPTION |
|---|---|---|---|---|
| 84G4084 | 350672.894 | 5327396.591 | | PROVINCIAL BRASS PLAQUE SET IN BEDROCK |
| 630440 | 349965.546 | 5326953.276 | | PROVINCIAL BRASS PLAQUE SET IN BEDROCK |
| CHS 6218 | 350536.056 | 5327958.091 | +2.183 m | CHS BRASS PLAQUE SET IN CONCRETE DECK |
| PWC 9801 | 350490.850 | 5327828.043 | +2.926 m | STEM REMAINING IN CONCRETE DECK |
| PWC 9802 | 350563.951 | 5327780.206 | +3.014 m | IRON PIN DRIVEN IN PAVEMENT |
| PWC 9803 | 350592.241 | 5327978.628 | +2.178 m | NAIL RAMSET IN CONCRETE DECK |
| PWC 1-2007 | 350568.552 | 5327812.261 | +2.24 m | NAIL RAMSET IN CONCRETE DECK |

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS "BARRY" 6218 ELEV. +2.183 m (BRASS PLAQUE SET IN CONCRETE DECK) ESTABLISHED FROM GEODETIC BM B2F391 ELEV.=60.782 m, USING 0.70m AS THE DIFFERENCE BETWEEN GEODETIC & CHART DATUM.

SOUNDINGS TAKEN USING NAWSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN JULY 2012 AND MAY 28,2013.

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.

SPEED OF SOUND WAS OBTAINED USING A QIQBAR-PRO VELOCIMETER. SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL FIELD NOTES ARE IN OLD PERLICAN BOOK #30"A" & 30"B"

## LEGEND

SYMBOLS

ACQUACULTURE, ANCHOR BLOCK, BOLLARD, DEPTHHOLE, BOUNDARY MARKER, CHRS POSITION BUOY, CATCH BASIN, CLEAT, CULVERT, DEBRIS, DISPOSAL, DREDGE CONTROL, ELECTRICAL OUTLET, FIRE HYDRANT, FIRST AID, FISH HANDLING EQUIP., FOG HORN, FUEL PUMP, H PILE, HORIZONTAL CONTROL, ICE PLANT, INDEX PIPE, JIB CRANE, LADDER, LIFE RING, LIGHT STANCHIONS, MANHOLE, MARSH, MAST/TOWER, NAVIGATION LIGHT, OBSERVED BUOY, OBSERVED SPAR BUOY, PIPE PILE, RANGE LIGHT, SAFETY POST, SEWER OUTFLOW PIPE, SIGN, TELEPHONE, TELEPHONE POLE, TIDE GAUGE/STAFF, 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, FLOATING RAKE/BREAK, GUARD RAIL, HIGH WATER MARK, LOW WATER MARK, MARSH OUTLINE, PROPERTY BOUNDARY, RANGE LIGHT EXTENSION, RETAINING WALL, RIPRAP, TOE OF BANK, PIPE LINE, UNDERGROUND CABLE

| revisions | | date |
|---|---|---|

project / projet

DREDGING

OLD PERLICAN
NL

drawing / dessin

LOCATION CHART, SITE PLAN, SECTION

designed / conçu: PWGSC
date: OCT 2013
drawn / dessiné: E.B./D.S.
date: OCT 2013
approved / approuvé: B.L. Burn
date: 21 OCT 2013
Tender / Soumission: B.L. Burn
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet: R.067419.001

drawing no. / no. du dessin: 1 OF 1

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