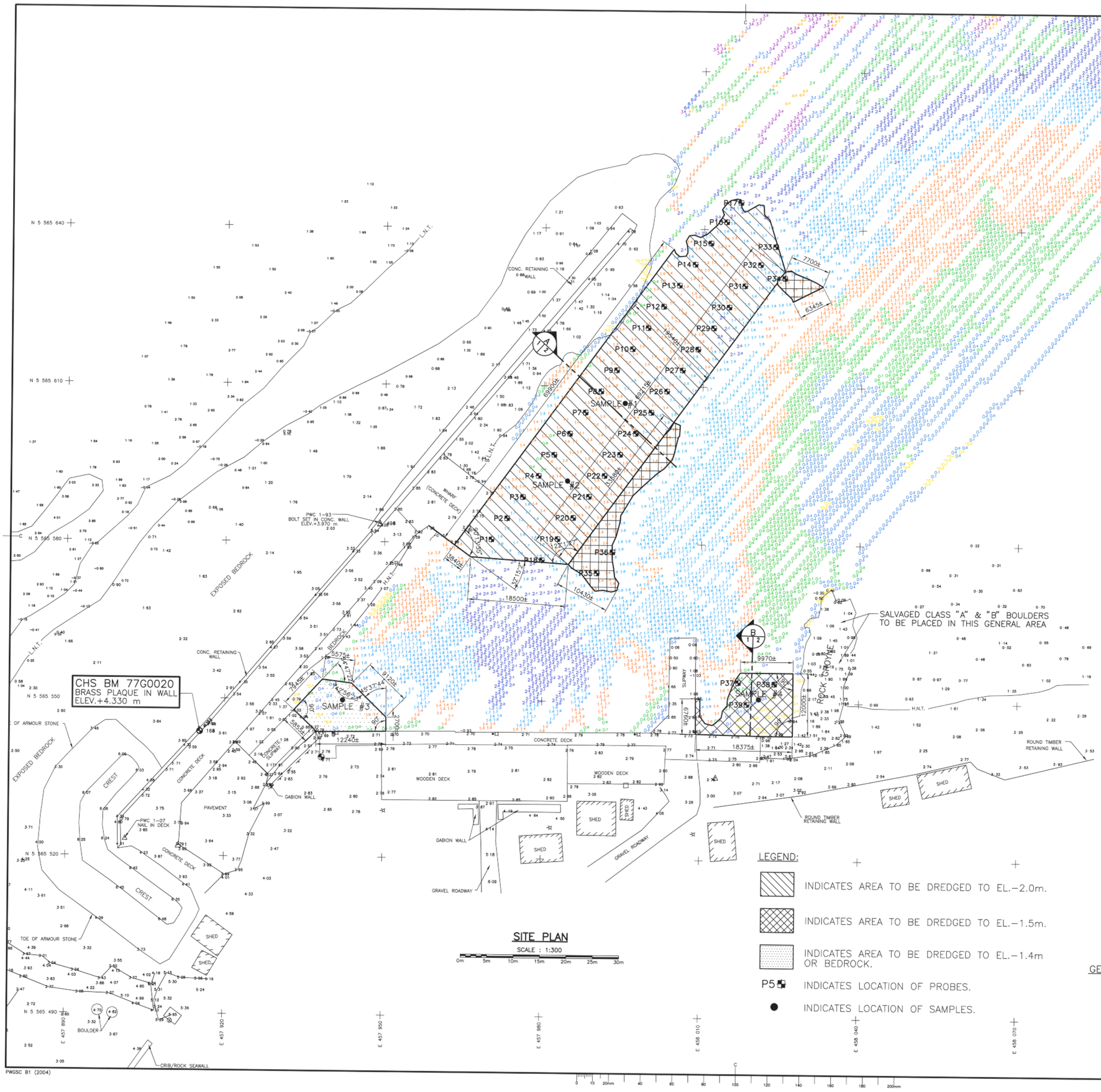

SITE PLAN

SCALE : 1:300

0m 5m 10m 15m 20m 25m 30m

LEGEND:

- INDICATES AREA TO BE DREDGED TO EL.−2.0m.
- INDICATES AREA TO BE DREDGED TO EL.−1.5m.
- INDICATES AREA TO BE DREDGED TO EL.−1.4m OR BEDROCK.
- P5 INDICATES LOCATION OF PROBES.
- ● INDICATES LOCATION OF SAMPLES.

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL SOUNDINGS & ELEVATIONS IN METRES.

LEGEND

SYMBOLS

ACQUACULTURE, ANCHOR BLOCK, BOLLARD, BOREHOLE, BOUNDARY MARKER, CARD POSITION BUOY, CATCH BASIN, CLEAT, CULVERT, DERRICK, DISPOSAL, DREDGE CONTROL, ELECTRICAL OUTLET, FIRE HYDRANT, FIRST AID, FISH HANDLING EQUIP., FOG HORN, FUEL PUMP, H PILE, HORIZONTAL CONTROL, ICE PLANT, INVERT PIPE, JIB CRANE, FLAG POLE, LADDER, LIFE RING, LIGHT STANDARD, 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 GUAGE/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 WAVEBREAK, GUARD RAIL, HIGH WATER MARK, LOW WATER MARK, MARSH OUTLINE, PROPERTY BOUNDARY, RANGE LIGHT EXTENSION, RETAINING WALL, RIPRAP, TOE OF BANK, TREE LINE, UNDERGROUND CABLE

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) TOPO – OCT.06,2009, SDGS – MAY 04,2013

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

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING MAY 2013

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

CONTROL POINTS:

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
8703077	458375.292	5565621.543		PROVINCAL BRASS PLAQUE IN ROCK
8703073	457831.695	5565530.310		PROVINCAL BRASS PLAQUE IN ROCK
PWC 1-93	457949.131	5565583.517	+3.970 m	BOLT SET IN CONC. WALL
PWC 1-07	457901.33	5565523.30		NAIL SET IN CONCRETE DECK
BM 77G0020	457915.322	5565543.712	+4.330 m	BRASS PLAQUE IN CONC. WALL
BM 77G0019	457897.592	5565528.642	+3.800 m	BRASS PLAQUE SET IN BEDROCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 77G0020 ELEV.+4.330 m (BRASS PLAQUE SET IN CONCRETE RETAINING WALL) LOCATED AT NEAR THE GOVERMENT WHARF AT DANIELS HARBOUR.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON MAY 04, 2013 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 TOE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.2010.

ALL FIELD NOTES ARE IN DANIELS HARBOUR BOOK #178.

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

revisions | date

project / projet: BASIN DREDGING

DANIEL'S HARBOUR
NL

drawing / dessin: SITE PLAN

designed / conçu: PWGSC
date: JUNE 2013
drawn / dessiné: E.B./D.S.
date: JUNE 2013
approved / approuvé: 18 June 2013
date
Tender / Soumission: 18 June 2013
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet: R.064163.001

drawing no. / no. du dessin: 1 OF 2

PWGSC B1 (2004)

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