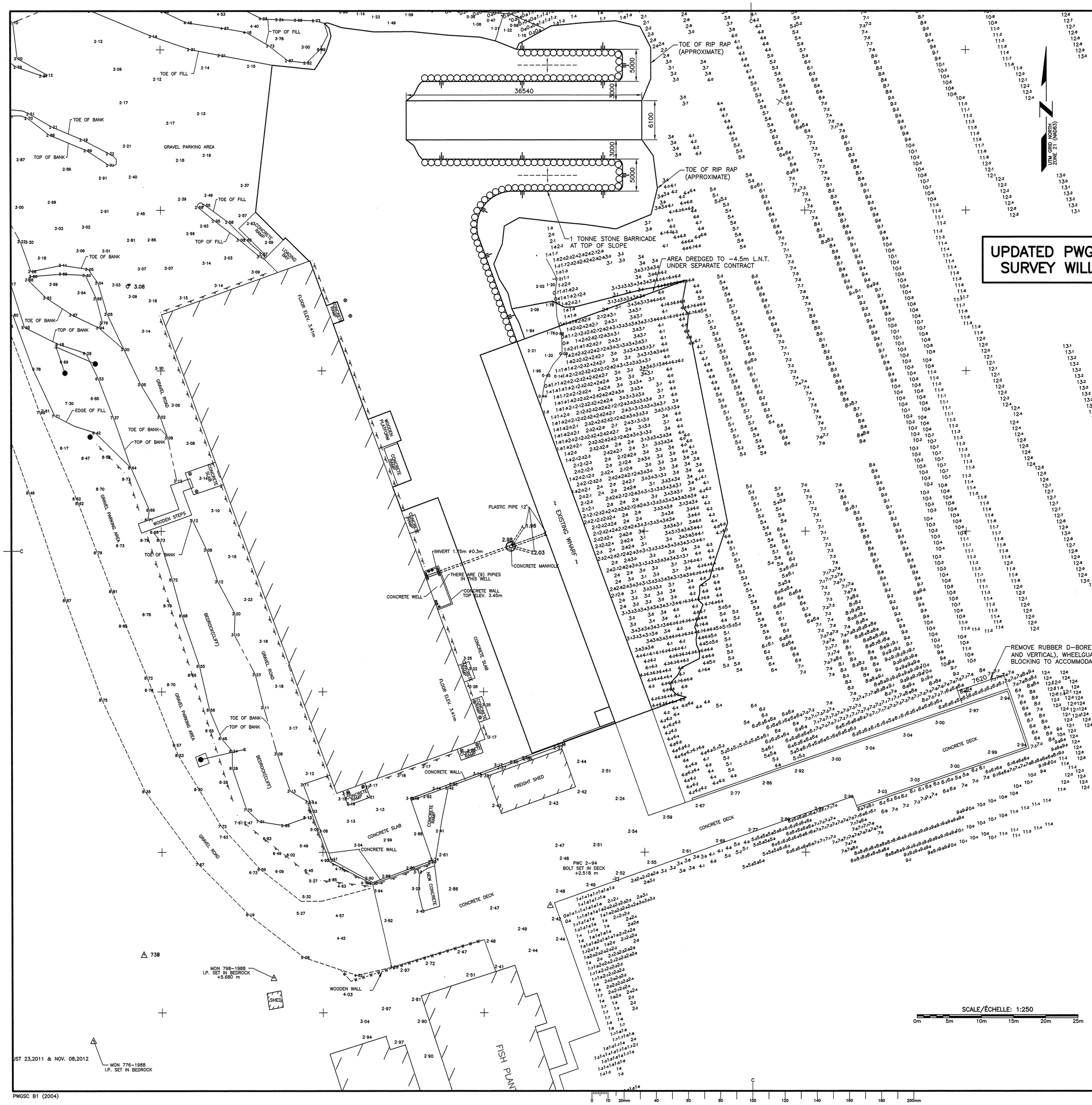

UPDATED PWGSC SOUNDING AND TOPOGRAPHIC SURVEY WILL BE PROVIDED TO CONTRACTOR

NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN OCTOBER 24,2010 – AUGUST 23,2011 & NOV. 08,2012

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL OF SOUND** 1520 m/s
DEPTH GATE USED N/A **FREQ. 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 NOVEMBER 2012

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

CONTROL POINTS:

PI. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
2003017	579541.081	5796268.285	8.132 m	PROVINCAL BRASS PLAQUE SET IN BEDROCK
798-1988	579642.353	5796280.493	5.664 m	I.P. WITH CAP SET IN BEDROCK
PWC 1-94	579657.743	5796336.488	2.527 m	X-CUT IN GUY WIRE ANCHOR
PWC 2-94	579685.306	5796291.808	2.485 m	BOLT SET IN CONCRETE DECK
95F9336			6.298 m	CHS BRASS PLAQUE SET IN BEDROCK
95F9337			8.525 m	CHS BRASS PLAQUE SET IN BEDROCK
95F9338			4.078 m	CHS BRASS PLAQUE SET IN BEDROCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 95F9336 ELEV. +6.298m (BRASS PLAQUE SET IN BEDROCK).

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON OCTOBER 24,2010, AUGUST 23,2011 & NOV. 08,2012 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.02.12.

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

NOTE: NEW BUILDING WAS LOCATED ON JULY 23, 2012.

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 2014.

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEIL C. HUNT
SIGNATURE
DATE Oct 14/14
NEWFOUNDLAND & LABRADOR

revisions		date
C	ISSUED FOR TENDER	07/10/14
B	ISSUED FOR 66% REVIEW	24/08/14
A	ISSUED FOR 33% REVIEW	13/08/14

project / projet
HARBOUR DEVELOPMENT PHASE II
MARY'S HARBOUR, LABRADOR

drawing / dessin
SOUNDING AND TOPOGRAPHIC SURVEY

designed / conçu N.H.
date SEPTEMBER 24, 2014
drawn / dessiné P.H.
date SEPTEMBER 24, 2014
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet R.071733.001
drawing no. / no. du dessin C1

PWGSC B1 (2004)

E-DRM/GDD-E: #498746