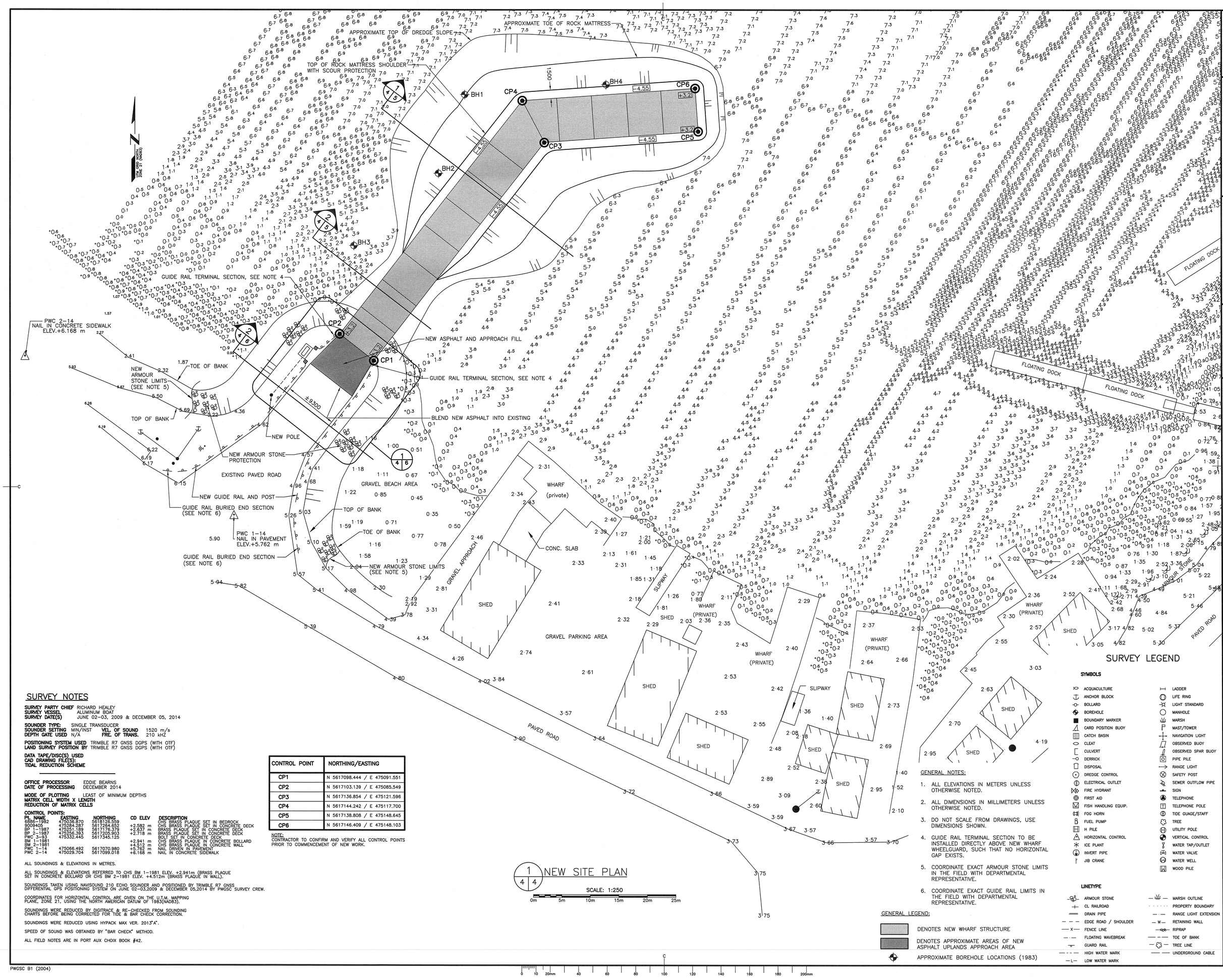

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) JUNE 02-03, 2009 & DECEMBER 05, 2014

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 TRIMBLE R7 GNSS DGPS (WITH OTF)
LAND SURVEY POSITION BY TRIMBLE R7 GNSS DGPS (WITH OTF)

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

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING DECEMBER 2014

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
6886-1982	475036.870	5618126.559		CHS BRASS PLAQUE SET IN BEDROCK
9009405	475284.287	5617264.652	+2.582 m	CHS BRASS PLAQUE SET IN CONCRETE DECK
BP 1-1987	475251.189	5617176.379	+2.637 m	BRASS PLAQUE SET IN CONCRETE DECK
BP 2-1987	475256.393	5617205.903	+2.718 m	BRASS PLAQUE SET IN CONCRETE DECK
PWC 3-93	475332.445	5617345.125		BOLT SET IN CONCRETE DECK
BM 1-1981			+2.941 m	CHS BRASS PLAQUE IN CONCRETE BOLLARD
BM 2-1981			+4.512 m	CHS BRASS PLAQUE IN CONCRETE WALL
PWC 1-14	475066.492	5617070.980	+5.762 m	NAIL DRIVEN IN PAVEMENT
PWC 2-14	475029.704	5617099.018	+6.168 m	NAIL IN CONCRETE SIDEWALK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 1-1981 ELEV. +2.941m (BRASS PLAQUE SET IN CONCRETE BOLLARD OR CHS BM 2-1981 ELEV. +4.512m (BRASS PLAQUE IN WALL).

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 GNSS DIFFERENTIAL GPS POSITIONING SYSTEM ON JUNE 02-03,2009 & DECEMBER 05,2014 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. 2013"A".

SPEED OF SOUND WAS OBTAINED BY "BAR CHECK" METHOD.

ALL FIELD NOTES ARE IN PORT AUX CHOIX BOOK #42.

CONTROL POINT	NORTHING/EASTING
CP1	N 5617098.444 / E 475091.551
CP2	N 5617103.139 / E 475085.549
CP3	N 5617136.854 / E 475121.596
CP4	N 5617144.242 / E 475117.700
CP5	N 5617138.808 / E 475148.645
CP6	N 5617146.409 / E 475148.103

NOTE:
CONTRACTOR TO CONFIRM AND VERIFY ALL CONTROL POINTS PRIOR TO COMMENCEMENT OF NEW WORK.

1/4/4 NEW SITE PLAN
SCALE: 1:250
0m 5m 10m 15m 20m 25m

SURVEY 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
- 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

GENERAL NOTES:

1. ALL ELEVATIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SHOWN.
4. GUIDE RAIL TERMINAL SECTION TO BE INSTALLED DIRECTLY ABOVE NEW WHARF WHEELGUARD, SUCH THAT NO HORIZONTAL GAP EXISTS.
5. COORDINATE EXACT ARMOUR STONE LIMITS IN THE FIELD WITH DEPARTMENTAL REPRESENTATIVE.
6. COORDINATE EXACT GUIDE RAIL LIMITS IN THE FIELD WITH DEPARTMENTAL REPRESENTATIVE.

GENERAL LEGEND:

- DENOTES NEW WHARF STRUCTURE
- DENOTES APPROXIMATE AREAS OF NEW ASPHALT UPLANDS APPROACH AREA
- APPROXIMATE BOREHOLE LOCATIONS (1983)

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGL Newfoundland and Labrador
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG N0453
which is valid for the year 2015.

STAMP
REGISTERED PROFESSIONAL ENGINEER
PEGL Newfoundland and Labrador
C. FISHER
15/03/12
NEWFOUNDLAND & LABRADOR

E	ISSUED FOR TENDER	15/03/12
D	ISSUED FOR 100% REVIEW	15/02/27
C	ISSUED FOR 99% REVIEW	15/01/22
B	ISSUED FOR 66% REVIEW	14/12/19
A	ISSUED FOR 33% REVIEW	14/11/27
revisions		date

project / projet

WHARF RECONSTRUCTION PORT AU CHOIX, NL

drawing / dessin

NEW SITE PLAN

designed C. FISHER / concu
date NOVEMBER 2014
drawn R. SNOW / dessiné
date NOVEMBER 2014
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
15/03/12

project number / no. du projet
R.075163.001

drawing no. / no. du dessin
C4 OF 12

PWGSC B1 (2004)

E-DRM/GDD-E: 513841