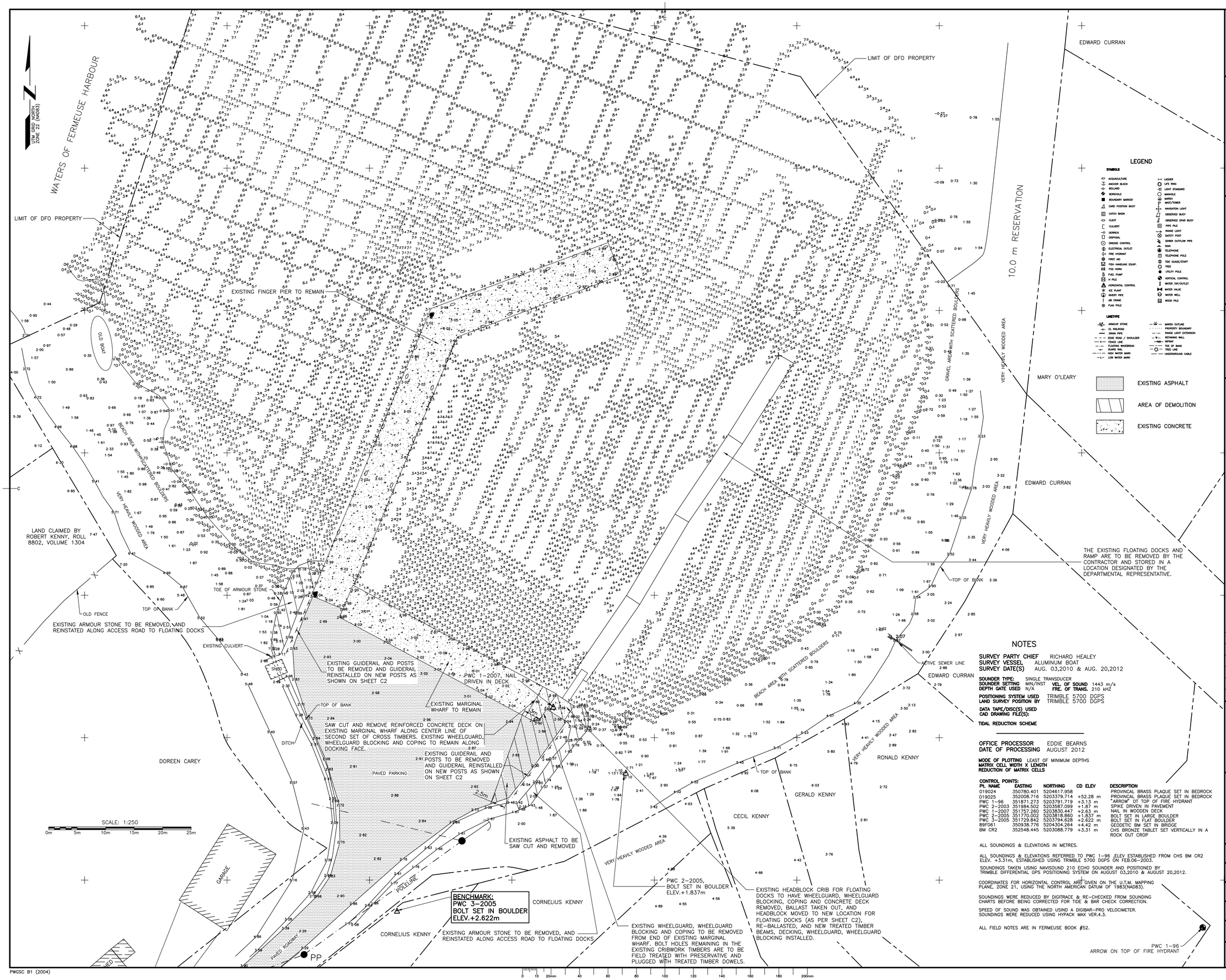


## LEGEND

**SYMBOLS**

AQUACULTURE, 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, MARKER 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 GAUGE/STAFF, TREE, UTILITY POLE, VERTICAL CONTROL, WATER TAP/OUTLET, WATER VALVE, WATER WELL, WOOD PILE

**LINETYPE**

ARMOUR STONE, CL RAILROAD, DRAIN LINE, 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

EXISTING ASPHALT

AREA OF DEMOLITION

EXISTING CONCRETE

## NOTES

**SURVEY PARTY CHIEF** RICHARD HEALEY
**SURVEY VESSEL** ALUMINUM BOAT
**SURVEY DATE(S)** AUG. 03,2010 & AUG. 20,2012

**SOUNDER TYPE:** SINGLE TRANSDUCER
**SOUNDER SETTING** MIN/INST **VEL. OF SOUND** 1443 m/s
**DEPTH GATE USED** N/A **FRE. OF TRANS.** 210 kHZ

**POSITIONING SYSTEM USED** TRIMBLE 5700 DGPS
**LAND SURVEY POSITION BY** TRIMBLE 5700 DGPS

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

**TIDAL REDUCTION SCHEME**

**OFFICE PROCESSOR** EDDIE BEARNS
**DATE OF PROCESSING** AUGUST 2012

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

**CONTROL POINTS:**

| PT. NAME | EASTING | NORTHING | CD ELEV | DESCRIPTION |
|---|---|---|---|---|
| 019024 | 350780.401 | 5204617.958 | | PROVINCAL BRASS PLAQUE SET IN BEDROCK |
| 019025 | 352008.716 | 5203379.714 | +52.28 m | PROVINCAL BRASS PLAQUE SET IN BEDROCK |
| PWC 1-96 | 351871.273 | 5203791.719 | +3.13 m | "ARROW" OT TOP OF FIRE HYDRANT |
| PWC 2-2003 | 351984.502 | 5203587.099 | +1.87 m | SPIKE DRIVEN IN PAVEMENT |
| PWC 1-2007 | 351757.260 | 5203830.447 | +2.63 m | NAIL IN WOODEN DECK |
| PWC 2-2005 | 351770.002 | 5203818.860 | +1.837 m | BOLT SET IN LARGE BOULDER |
| PWC 3-2005 | 351729.842 | 5203794.628 | +2.622 m | BOLT SET IN FLAT BOULDER |
| 89F061 | 350938.776 | 5204304.264 | +4.42 m | GEODETIC BM SET IN BRIDGE |
| BM CR2 | 352548.445 | 5203088.779 | +3.31 m | CHS BRONZE TABLET SET VERTICALLY IN A ROCK OUT CROP |

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO PWC 1-96 ,ELEV ESTABLISHED FROM CHS BM CR2 ELEV. +3.31m, ESTABLISHED USING TRIMBLE 5700 DGPS ON FEB.06-2003.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON AUGUST 03,2010 & AUGUST 20,2012.

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 DIGIBAR-PRO VELOCIMETER. SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL FIELD NOTES ARE IN FERMEUSE BOOK #52.

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 2013.

STAMP
REGISTERED PROFESSIONAL ENGINEER
STEVEN LOCKE
AUGUST 2013
NEWFOUNDLAND & LABRADOR

| | | |
|---|---|---|
| E | ISSUED FOR TENDER | 27AUG2013 |
| D | ISSUED FOR 99.9% REVIEW | 25JAN2013 |
| C | ISSUED FOR 99% REVIEW | 08JAN2013 |
| B | ISSUED FOR 66% REVIEW | 26OCT2012 |
| A | ISSUED FOR 33% REVIEW | 27JUL2012 |
| revisions | | date |

project / projet

# MARGINAL WHARF CONSTRUCTION FERMEUSE, NL

drawing / dessin

# EXISTING SITE PLAN AND DEMOLITION PLAN

designed S. LOCKE / conçu
date JULY 2012
drawn R. SNOW / dessiné
date JULY 2012
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.065647.001
drawing no. / no. du dessin
C1 OF 11

PWGSC B1 (2004)

E-DRM/GDD-E: 453954 V1