

# NOTES

**SURVEY PARTY CHIEF** EDDIE BEARNS  
**SURVEY VESSEL** ALUMINUM BOAT  
**SURVEY DATE(S)** BETWEEN APRIL 18,2018 & DECEMBER 4,2018  
**SOUNDER TYPE** SINGLE TRANSDUCER  
**SOUNDER SETTING** MIN/INST VEL. OF SOUND 1490 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 TYPE/DOC(S) USED** CAD DRAWING FILE(S):  
**TIDAL REDUCTION SCHEME**

**OFFICE-PROCESSOR** EDDIE BEARNS  
**DATE OF PROCESSING** DECEMBER 2018

**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                             |
|-----------------|-------------|------------|-------------|----------|---|
|                 | 8404071     | 358574.959 | 5327617.651 |          | PROV. BRASS PLAQUE SET IN BEDROCK       |
|                 | 8404072     | 358763.012 | 5327848.375 |          | PROV. BRASS PLAQUE SET IN BEDROCK       |
|                 | PWC 12-2001 | 358550.879 | 5327482.983 | +2.27 m  | PWC NAIL SET IN CONCRETE DECK           |
|                 | 927406      | 358644.627 | 5327247.709 | +4.624 m | GEODETIC BM BRASS PLAQUE SET IN BEDROCK |
|                 | PWC 4-95    | 358598.750 | 5327279.649 |          | PWC BOLT SET IN CONCRETE DECK           |
|                 | PWC 9709    | 358728.918 | 5327578.027 |          | RING BOLT SET IN CONCRETE BLOCK         |
|                 | BM 9701     | 358713.077 | 5327531.228 |          | RING BOLT SET IN CONCRETE BLOCK         |
|                 | BM 9702     | 358710.367 | 5327512.278 | +9.445 m | RING BOLT SET IN CONCRETE BLOCK         |

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO GEODETIC BM 92F406 ELEV. +4.624m.  
 (USING +0.7 m AS A DIFF. BETWEEN GEODETIC AND CHART DATUM)

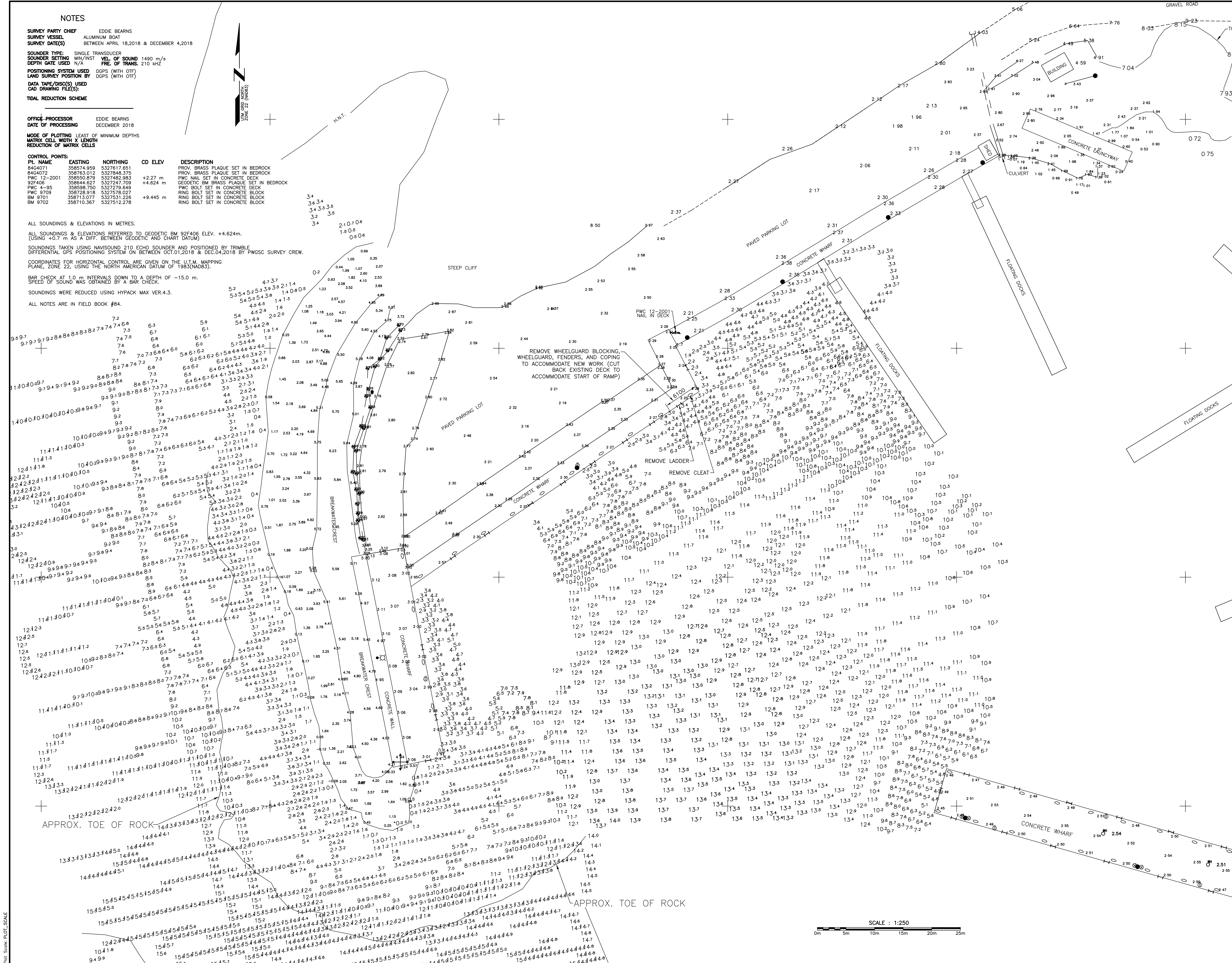
SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE  
 DIFFERENTIAL GPS POSITIONING SYSTEM ON BETWEEN OCT.01,2018 & DEC.04,2018 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING  
 PLANE, ZONE 22, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).

BAR CHECK AT 10 m INTERVALS DOWN TO A DEPTH OF -15.0 m.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL NOTES ARE IN FIELD BOOK #84.



Fisheries and Oceans Canada  
 Pêches et Océans Canada

## SMALL CRAFT HARBOURS



### NOTES:

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

PROVINCE OF NEWFOUNDLAND  
 PERMIT HOLDER  
 This Permit Allows  
 APN ENGINEERING INC.  
 To practice Professional Engineering  
 in Newfoundland and Labrador. *APN 110*  
 Permit No. as issued by APENG, F0282  
 which is valid for the year 2021.



|   |                       |         |
|---|-----------------------|---------|
| C | ISSUED FOR TENDER     | 2/8/21  |
| B | ISSUED FOR 99% REVIEW | 2/10/20 |
| A | ISSUED FOR REVIEW     | 2/8/20  |

## WHARF CONSTRUCTION BAY DE VERDE, NL

## SOUNDING AND TOPOGRAPHIC SURVEY AND DEMOLITION NOTES

|                       |               |
|-----------------------|---------------|
| designed P.H.         | concu         |
| date FEBRUARY 8, 2021 |               |
| drawn N.H.            | dessine       |
| date FEBRUARY 8, 2021 |               |
| approved              | approve       |
| Tender Paul Curran    | Submission    |
| DFO Project Manager   |               |
| project number 723237 | no. du projet |
| drawing no. C1        | no. du dessin |