

# 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 **FRE. OF TRANS.** 210 KHZ  
**POSITIONING SYSTEM USED** DGPS (WITH OTF)  
**LAND SURVEY POSITION BY** DGPS (WITH OTF)  
**DATA TYPE/DISC(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
84C4071	358574.959	5327617.651		PROV. BRASS PLAQUE SET IN BEDROCK
84C4072	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	5327531.226	+9.445 m	RING BOLT SET IN CONCRETE BLOCK
BM 9702	358710.367	5327512.278		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 1.0 m INTERVALS DOWN TO A DEPTH OF -15.0 m.

SPEED OF SOUND WAS OBTAINED BY A BAR CHECK.

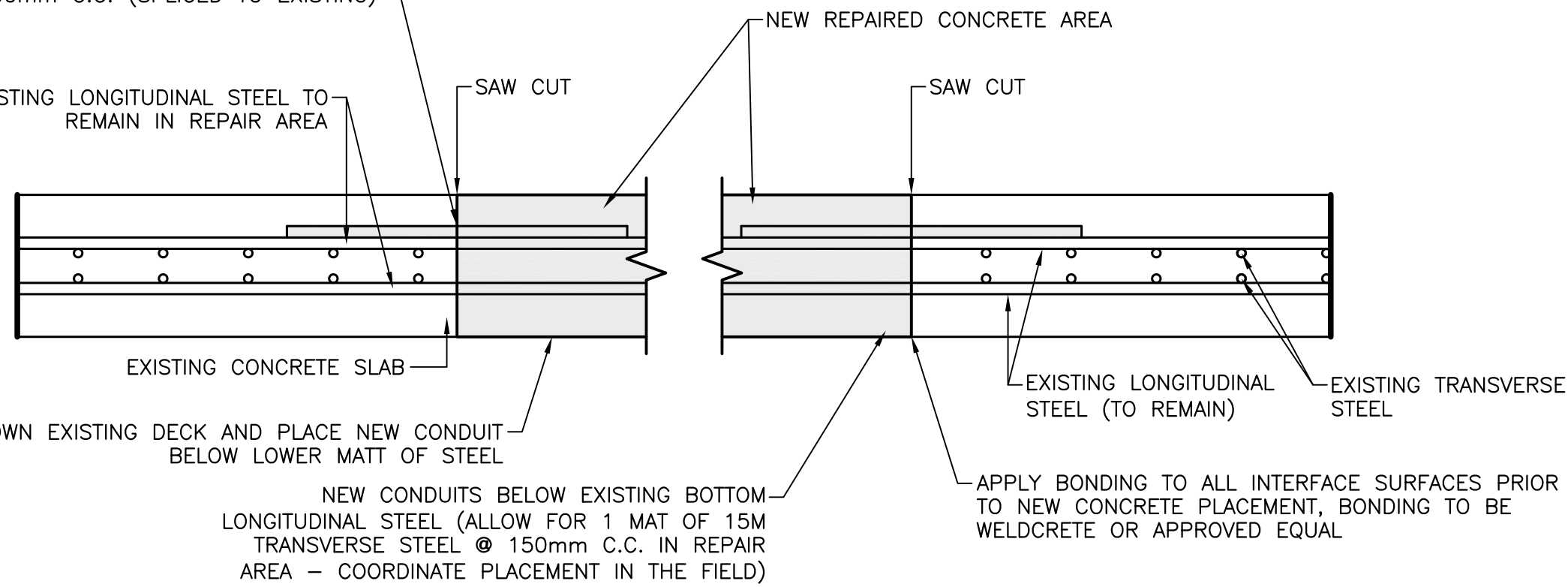
SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL NOTES ARE IN FIELD BOOK #84.

## NOTES:

- EXISTING DECK DETAILS ARE UNKNOWN AND IN THIS REGARD CONSIDER DETAILS SHOWN TO BE FOR ILLUSTRATION PURPOSES ONLY.

DRILL AND EPOXY 600mmlg. 20M BARS @  
 200mm C.C. (SPLICED TO EXISTING)



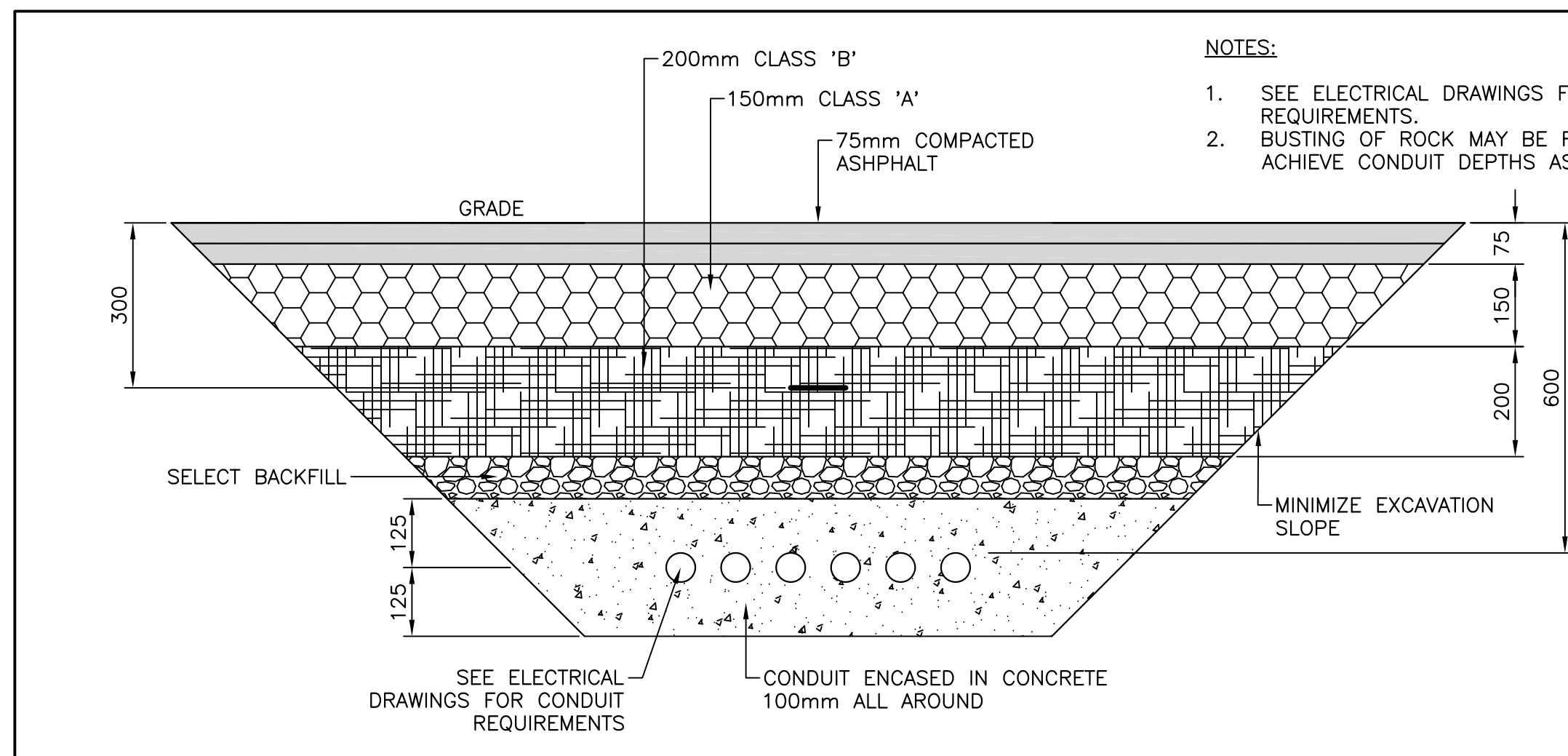
## TRENCH THROUGH EXISTING CONCRETE

SCALE : N.T.S.

1  
2/2

## NOTES:

- SEE ELECTRICAL DRAWINGS FOR REQUIREMENTS.
- BUSTING OF ROCK MAY BE REQUIRED TO ACHIEVE CONDUIT DEPTHS AS SHOWN.



## TRENCH THROUGH EXISTING PAVEMENT

SCALE: N.T.S.

2  
2/2

DASHED LINE INDICATES CONDUIT TRENCH ROUTE (LOCATE ALL EXISTING CONDUIT PRIOR TO TRENCHING - DAMAGE TO EXISTING ELECTRICAL SYSTEMS TO BE REPAIRED AT CONTRACTOR'S EXPENSE)

STEEP CLIFF

NEW ELECTRICAL SHED, SEE DETAIL PAGE

PULL BOX - SEE ELECTRICAL DRAWINGS

PWC 12-2001 NAIL IN DECK

HATCH INDICATES RAMP

NEW WHARF

TOP OF ROCK MATTRESS

TOE OF ROCK MATTRESS

CONCRETE WHARF

APPROX. TOE OF ROCK

SCALE : 1:250

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

Fisheries and Oceans Canada

## SMALL CRAFT HARBOURS



## NOTES:

- ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- 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. *Neil C. Hunt*  
 Permit No. as issued by APEGLI, F0282  
 which is valid for the year 2021.

STAMP



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

## NEW SITE PLAN

designed P.H.	concu
date FEBRUARY 8, 2021	dessine
drawn N.H.	dessine
date FEBRUARY 8, 2021	approve
approved	approve
Tender Paul Curran	Submission
DFO Project Manager	no. du projet
723237	
drawing no.	no. du dessin
C2	