

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN AUGUST 27,2018 & FEBRUARY 05,2020
SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL. OF SOUND 1460 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 FEBRUARY 2020
MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:	PT. NAME	NORTHING	EASTING	CD ELEV	DESCRIPTION
PWC 1-2007	5217245.955	594878.768	3.42		PUNCH MARK ON STEEL IN CONC. WALL.
PWC 9003	5217305.770	594864.964	4.41		NAIL IN CONC. DECK OF BREAKWATER
76G2575	5217117.478	594711.486			C.L. MON. SET IN CONC. CYLINDER.
76G2574	5217195.435	594481.174			C.L. MON. SET IN CONC. CYLINDER.
BM 1-88	5217241.887	594806.977	4.73		BRASS PLAQUE SET IN CONC. WALL
CHS BM 1-1981	5216937.576	594736.401	3.402		CHS BRASS PLAQUE SET IN CONCRETE DECK
CHS BM 2-1981	5216925.470	594754.802	3.386		CHS BRASS PLAQUE SET IN CONCRETE DECK
BM 92F244	5216863.067	594784.704	7.09		GEODETIC BM SET IN SW CORNER OF BRIDGE

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 1-1981 ELEV. +3.402 m (BRASS PLAQUE SET IN CONCRETE DECK.)

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 GNSS DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN AUGUST 27,2018 & SEPTEMBER 24,2018 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).

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 GRAND BANK BOOK #77"B".

LEGEND

SYMBOLS

- ANCHOR BLOC
- 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
- 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

LINE TYPE

- 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

NOTE:

- PREVIOUS GEOTECHNICAL REPORTS WITH BOREHOLE LOGS ARE APPENDED TO THE SPECIFICATIONS.

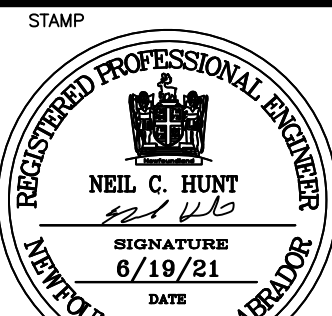
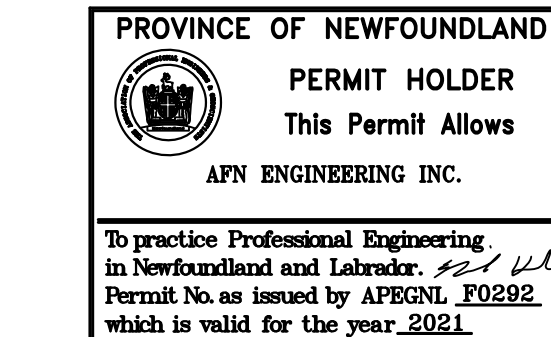
LEGEND:

- BH14 INDICATES BOREHOLE (FRACFLOW)
- INCL1 INDICATES INCLINED BOREHOLE (FRACFLOW)



NOTES:

- ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



J	RE-ISSUED FOR TENDER BASED ON 2021 SCOPE	6/19/21
I	RE-ISSUED FOR TENDER BASED ON 2021 SCOPE	3/24/21
H	RE-ISSUED FOR TENDER BASED ON 2021 SCOPE	6/19/20
G	RE-ISSUED FOR REVIEW BASED ON 2020 SCOPE	3/26/20
F	RE-ISSUED FOR TENDER	5/11/18
E	ISSUED FOR TENDER	3/19/18
D	RE-ISSUED FOR 99% REVIEW	6/9/17
C	ISSUED FOR 99% REVIEW	2/20/17
B	ISSUED FOR 66% REVIEW	2/13/17
A	ISSUED FOR 33% REVIEW	11/12/16
revisions		date

WHARF RECONSTRUCTION (PHASE II)
GRAND BANK, NL

BOREHOLE LOCATION PLAN

designed N.H.	concu
date JUNE 19, 2021	
drawn P.H.	dessine
date JUNE 19, 2021	
approved	approuve
Tender	Soumission
DFO Project Manager	
project number C2-00200	no. du projet
drawing no. C2	no. du dessin