NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN JULY 17,2017 & SEPTEMBER 18,2019

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1520 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 TAPE/DISC(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING MAY 2019

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
7602358	661267.618	5501812.205		PROVINCAL BRASS PLAQUE SET IN BEDROCK
7602359	661523.492	5502602.724		PROVINCAL BRASS PLAQUE SET IN BEDROCK
8809233	660767.552	5503103.593		CHS PLAQUE SET IN CONCRETE DECK
8809234	661271.844	5502136.081	+2.125 m	CHS PLAQUE SET IN CONCRETE DECK
PWC 1-05	661325.095	5502260.318	+3.20 m	X-CUT IN COVER OF MANHOLE
BM 90F9094			+3.687 m	CHS PLAQUE SET IN CONCRETE DECK
PWC 1-2009	661924.883	5504154.870	+6.069 m	BOLT SET IN BEDROCK OUTCROP
PWC 2-2009	661959.589	5504129.072		CROSS-CUT IN BOLT IN DECK
PWC 3-2009	661901.768	5504100.628		NAIL RAM SET IN CONCRETE DECK
PWC 1-2017	660994.997	5502022.416	+2.357 m	NAIL SET IN CONCRETE BLOCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO PWC 1-2017 ELEV. +2.357 m (NAIL SET IN CONCRETE BLOCK) ESTABLISHED BY DPGS TRANSFER FROM PWC 1-2005 ELEV. +3.20m, LOCATED AT THE GOVERNMENT WHARF AT TWILLINGATE, NL ON AUGUST 09,2017 BY PWGSC SURVEY CREW.

PWC 1-2005 WAS ESTABLISHED FROM CHS BM 91F9094 ELEV. +3.687 m IN TWILLINGATE.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 DIFFERENTIAL GPS POSITIONING SYSTEM ON BETWEEN JULY 17, 2017 & MAY 27, 2019 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".

LEGEND

SYMBOLS

ACCUMULATORE, ANCHOR BLOCK, BOLLARD, BOREHOLE, BOUNDARY MARKER, CAYO 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, TULLY POLE, VERTICAL CONTROL, WATER TAP/OUTLET, WATER VALVE, WATER WELL, WOOD PILE

LINETYPE

ANGULAR STONE, CL RAILROAD, DRAIN PIPE, EDGE ROAD / SHOULDER, FENCE LINE, FLOATING BREAKWATER, GUARD RAIL, HIGH WATER MARK, LOW WATER MARK, MARSH OUTLINE, PROPERTY BOUNDARY, RANGE LIGHT EXTENSION, RETAINING WALL, RIPRAP, TOE OF SLOPE, TREE LINE, UNDERGROUND CABLE

GENERAL NOTES

1. DO NOT SCALE FROM DRAWING.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THIS WORK.
3. ALL DIMENSIONS IN MILLIMETERS. ALL ELEVATIONS IN METERS.

UTM GRID NORTH ZONE 21 (NAD83)

PRIVATE WHARF

ARMOUR STONE

WOODEN DECK

PWC 1-2017
NAIL IN BLOCK
ELEV. +2.357m

PAVEMENT

PAVED ROAD

CONCRETE LAUNCHWAY

EXISTING GRAVEL PARKING

MAIN ROAD THROUGH TOWN (PAVED)

EXISTING FENCE (APPROXIMATE LOCATION)

EXISTING APPROACH

CONCRETE LIFT STATION

POWER LINE

F.I.P.

CULVERT

INTAKE LINE

PIPE

PROPERTY LIMITS

OLD WHARF RUINS

PRIVATE PROPERTY

CONCRETE DECK

EXISTING FLOATING DOCKS

NEW FLOATING DOCK

FLOATING DOCKS

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

1 / 1 1

PWGSC A1 (2004)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

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

LICENSED PROFESSIONAL ENGINEER
09763
WILLIAM HAYHOE
SIGNATURE
03-12-21
DATE
NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGL Newfoundland and Labrador
PERMIT HOLDER
This Permit Allows
DILLON CONSULTING LIMITED
To Practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEGNL D0161
which is valid for the year 2021

revisions		date
0	ISSUED FOR TENDER	MAR.12 2021
A	ISSUED FOR 95% REVIEW	FEB.19 2021

project / projet

FLOATING DOCK CONSTRUCTION SAR STATION

TWILLINGATE, NL

drawing / dessin

SITE PLAN ADDITIONAL FLOATING DOCK

designed W. HAYHOE / conçu
date FEBRUARY, 2021
drawn P.BAILEY / dessiné
date FEBRUARY, 2021
approved / approuvé
date
Tender / Soumission
Temple, Andrew Digitally signed by Temple, Andrew Date: 2021.04.16 16:51:53 -02'30'
PWGSC Project Manager Administrateur de projets TPSGC

project number / no. du projet
R.089926.008

drawing no. / no. du dessin
C1 OF 5

E-DRM/GDD-E: 553268