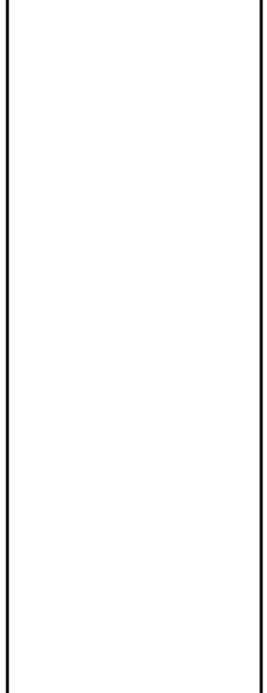


**NOTES**

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



PROVINCE OF NEWFOUNDLAND AND LABRADOR

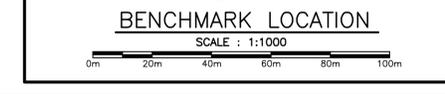
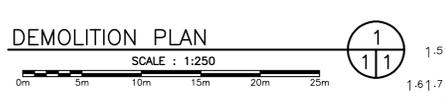
**PERMIT HOLDER**  
This Permit Allows  
**DILLON CONSULTING LIMITED**  
To Practice Professional Engineering  
in Newfoundland and Labrador.  
Permit No. as issued by PEGNL D0161  
which is valid for the year 2020

0	ISSUED FOR TENDER	JUL17 2020
B	ISSUED FOR FINAL REVIEW	APR17 2020
A	ISSUED FOR 66% REVIEW	MAR05 2020
revisions		date
project		project

**SMALL BOAT BASIN DEVELOPMENT**  
**CARTWRIGHT, NL**

**EXISTING SITE PLAN/DEMOLITION PLAN**

designed C. WILLETTE concu  
date FEBRUARY 2020  
drawn P. BAILEY dessine  
date FEBRUARY 2020  
approved approve  
Tender Paul Curran Submission  
DFO Project Manager no. du projet  
**723335**  
drawing no. C1 OF 11



**SURVEY NOTES**

SURVEY PARTY CHIEF RICHARD HEALEY  
SURVEY VESSEL ALUMINUM BOAT  
SURVEY DATE(S) JUNE 23,2016 & JUNE 07-08,2018

SOUNDER TYPE: SINGLE TRANSDUCER  
SOUNDER SETTING MIN/INST VEL OF SOUND 1436 m/s 0.1  
DEPTH GATE USED N/A FRE. OF TRANS. 210 KHZ

POSITIONING SYSTEM USED TRIMBLE R7 GNSS DGPS (WITH OTF) 0.1  
LAND SURVEY POSITION BY TRIMBLE R7 GNSS DGPS (WITH OTF) 0.10-0.1

DATA TAPE/DISC(S) USED  
CAD DRAWING FILE(S):  
TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS  
DATE OF PROCESSING JUNE 2018

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS  
MATRIX CELL WIDTH X LENGTH 0.10-10.00-0.00  
REDUCTION OF MATRIX CELLS 0.00-0.00

CONTROL POINTS:	PL. NAME	NORTHING	EASTING	CD ELEV	DESCRIPTION
	2003003	5951393.59	498841.36		PROVINCIAL BRASS PLAQUE SET IN BEDROCK
	7609125	5951563.44	498865.72		PROVINCIAL BRASS PLAQUE SET IN BEDROCK
	PWC 1-92	5950454.38	498808.09	+3.234 m	BOLT SET IN CONCRETE DECK
	PWC 2-92	5950458.96	498578.44	+3.108 m	BOLT SET IN CONCRETE DECK
	BM 2-1976	5950514.43	498583.87	+3.061 m	CHS BRASS PLAQUE IN DOORSILL
	BM 03F0025	5950444.17	498259.06	+2.41 m	CHS BRASS PLAQUE IN CONCRETE DECK
	F.I.P. #1	5950442.78	498259.06		FOUND IRON PIN IN CONCRETE DECK
	F.I.P. #2	5950423.78	498258.58		FOUND IRON PIN IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 03F0025 ELEV. 2.41m OR BM 2-1976 ELEV.+3.061m (CHS BRASS PLAQUE SET IN DOORSILL OF FREIGHT SHED)

SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 GNSS DIFFERENTIAL GPS POSITIONING SYSTEM ON JUNE 23,2016 & JUNE 7,2018 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".

SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN CARTWRIGHT BOOK #157.