LEGEND

SYMBOLS

- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- CATCH BASIN
- CLEAT
- CULVERT
- NAVIGATION LIGHT
- SIGN
- TELEPHONE
- ELECTRICAL OUTLET
- FIRE HYDRANT
- UTILITY POLE
- VERTICAL CONTROL
- WATER TAP/OUTLET
- WATER VALVE
- HORIZONTAL CONTROL
- INVERT PIPE
- JIB CRANE
- ARMOUR STONE

GRID NORTH
UNIVERSAL TRANSVERSE MERCATOR
N.A.D. 83 ZONE 22

PP
SHED
COMMUNITY STAGE
PAVED ROADWAY
GRAVEL PARKING AREA
CONC. CULVERT
6053
BM 3-91
BM 1-91
EYE BOLT IN CONC. BLOCK
ELEV.+4.671 m
PAVEMENT
CONCRETE SLIPWAY
CONCRETE LAUNCHWAY
(NEW CONC.)
EXISTING
ELECTRICAL PANEL
TOP OF BANK
TOE OF ARMOUR STONE
BM PWC 1-2003
BOLT IN CONC. PAD
ELEV.+4.837 m
BREAKWATER CREST
WHARF (conc.deck)
CONC. RETAINING WALL
EXISTING BREAKWATER CREST
EXISTING CONCRETE DECK
CONSTRUCTION JOINT
CONCRETE SPRAYWALL +6.60
EXISTING WHARF STRUCTURE TO BE REMOVED
CONSTRUCTED 2003
39847
80000
30205
10000+/-
12000+/-
6602+/-
EL.+4.30m CONCRETE DECK
EL.+4.10m CONCRETE DECK
INNER HARBOUR
CAPE ST GEORGE, NL.
L.W.I.
BREAKWATER CREST
BREAKWATER CREST
L.W.I.
TOE OF BANK
TOP OF BANK
TOP OF BANK
TOE OF BANK
SHORELINE
TOE OF EXISTING
ARMOUR STONE
EXISTING ARMOUR STONE

LIMIT OF CLEAN UP. 4.0 METERS OUTSIDE EXISTING WHARF STRUCTURE. REMOVE AND DISPOSE OF DEBRIS. REMOVE ANY EXISTING ARMOUR STONE, STORE AND REUSE FOR THE REBUILDING OF THE NEW BREAKWATER AS SHOWN ON THE NEW WHARF PLAN.

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN MARCH 2011 & JUNE 06,2019

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 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 JUNE 2019

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
85G4245	336950.181	5371759.326		PROVINCAL BRASS PLAQUE IN ROCK
PWC 1-2003	337391.46	5371735.16	+4.671 m	BOLT SET IN CONCRETE PAD
PWC 2-2003	337419.657	5371765.126	+4.837 m	BOLT DRIVEN IN PAVED ROADWAY
BM 1-91	337338.726	5371687.209	+4.416 m	EYE BOLT SET IN CONC. BLOCK
BM 2-91	337388.926	5371711.831	+3.964 m	BOLT SET IN CONC. BLOCK
BM 3-91	337364.248	5371690.442	+2.622 m	BOLT SET IN CONC. SLIPWAY

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO BM 1-91 ELEV.+4.416 m (EYE BOLT SET IN CONC. BLOCK) ESTABLISHED BY WATER LEVEL TRANSFER FROM STEPHENVILLE USING CHS BM 87F9162 ELEV.4.445 m ON NOV.04-05,1991.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BY PWGSC SURVEY CREW ON APRIL 06,2017.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

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

SOUNDINGS WERE REDUCED USING HYPACK MAX VER. 2013"A".

ALL FIELD NOTES ARE IN ROUZES BROOK #137.

EXISTING SITE PLAN

SCALE: 1:250

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

LEGEND

- 3.258 EXISTING WHARF ELEVATION
- INDICATES LOCATION OF EXISTING TYPE 'B1' MOORING CLEATS.
- INDICATES LOCATION OF EXISTING LADDERS AND MOORING RINGS
- INDICATES EXISTING ELECTRICAL PEDESTAL
- INDICATES EXISTING JIB CRANE CONCRETE BASE
- INDICATES AREA OF EXISTING MARGINAL WHARF TO REMAIN
- INDICATES AREA OF EXISTING WHARF TO BE REMOVED
- PP EXISTING POWER POLE
- EXISTING NAVIGATION LIGHT
- EXISTING POLE AND LIGHT FIXTURE TO BE REMOVED
- VERTICAL AND HORIZONTAL CONTROL POINT
- CONSTRUCTION JOINTS

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Fisheries and Oceans Canada / Pecheset Oceans Canada

SMALL CRAFT HARBOURS

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
ANDERSON ENGINEERING CONSULTANTS LTD.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by APEGN R0092
which is valid for the year 2020

REGISTERED PROFESSIONAL ENGINEER
W. J. ANDERSON
SIGNATURE
DATE
PROVINCE OF NEWFOUNDLAND

revisions		date
01	ISSUED FOR TENDER	17/04/20

project projet

WHARF RECONSTRUCTION CAPE ST GEORGE, NL.

drawing dessin

EXISTING SITE PLAN AND SOUNDINGS

designed W.J.ANDERSON concu
date APRIL 2020
drawn R.S.H dessine
date APRIL 2020
approved approuve
date
Tender Soumission
DFO Project Manager Paul Curran
project number no. du projet
723243
drawing no. no. du dessin
1 of 10

EDRM Document No. Not in System

Plot Scale: 1:1

PWGSC B1