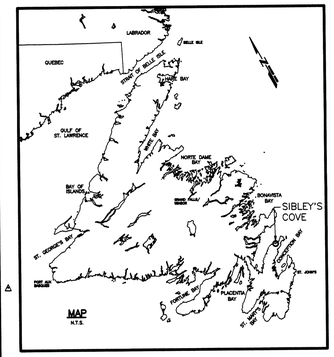

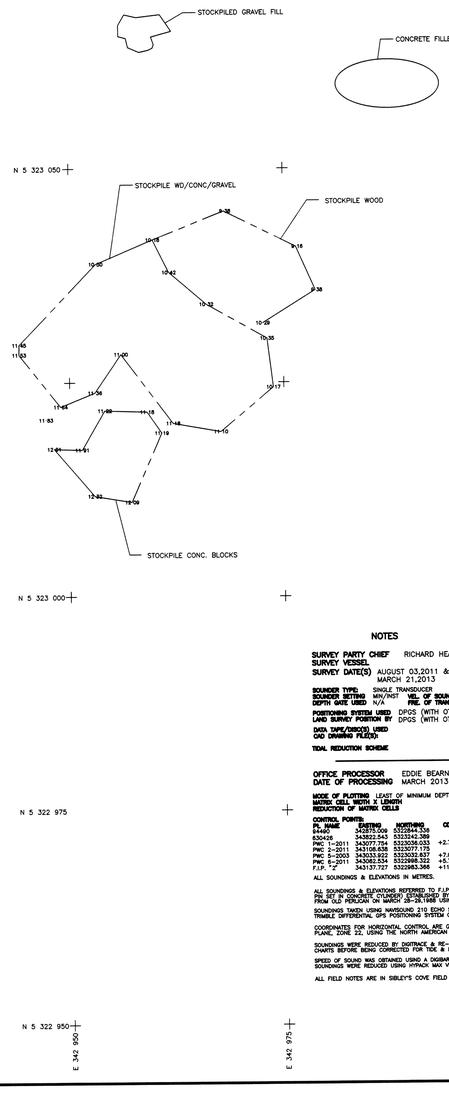

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL
SURVEY DATE(S) AUGUST 03,2011 & SEPTEMBER 23,2011
MARCH 21,2013

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1480 m/s
DEPTH GATE USED N/A **FREQ. OF TRANS.** 210 kHz

POSITIONING SYSTEM USED DPGS (WITH OTF)
LAND SURVEY POSITION BY DPGS (WITH OTF)

DATA TAPE/DISK(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING MARCH 2013

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS

NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
5-2003	343015.009	5323844.536		CROWN LANDS MON IN BEDROCK
530426	343622.543	5323242.389		CROWN LANDS MON IN BEDROCK
PWC 1-2011	343077.754	5323036.033	+2.739 m	BOLT CEMENTED IN DECK
PWC 2-2011	343108.638	5323077.175		BOLT CEMENTED IN DECK
PWC 5-2003	343033.922	5323031.637	+7.05 m	X-CUT IN MANHOLE COVER
PWC 6-2011	343062.534	5322998.322	+5.780 m	X-CUT IN IRON BOLT
F.I.P. "Z"	343137.727	5322983.366	+11.459 m	IRON PIN SET IN CONCRETE CYLINDER

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO F.I.P."Z" ELEV.=11.459 m (IRON PIN SET IN CONCRETE CYLINDER) BY SMALL CRAFT HARBOURS LEVEL WATER TRANSFER FROM TLD PERCUSSION ON MARCH 26-28,1988 USING BM 1=ONE ELEV.=3.810 m.

SOUNDINGS TAKEN USING RAMSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON MAY AUGUST 03,2011.

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 ENDTRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SPEED OF SOUND WAS OBTAINED USING A SIGBAR-PRO VELOCIMETER.
SOUNDINGS WERE REDUCED USING HYPACK MAX VER 2010.

ALL FIELD NOTES ARE IN SIBLEY'S COVE FIELD BOOK #80.

LEGEND

SYMBOLS

AC	ASSOCIATION	L	LADDER
C	CHOCKS, BLOCK	LPC	LPC RING
G	BOLLARD	LS	LIGHT STANDARD
H	BUNDLE	M	MANHOLE
M	BOUNDARY MARKER	MW	MONITOR WELL
N	CARD. POINTED BUOY	MT	MOORING TOWER
P	CATCH BASIN	MX	MANSARD LIGHT
R	CLEAT	OB	OBSERVING BUOY
S	CULVERT	OS	OBSERVING SPAR BUOY
T	DERRICK	PF	PIPE FLG
U	DISPOSAL	PL	PIPING LIGHT
V	HOUSE CONTROL	S	SAFETY POST
W	ELECTRICAL OUTLET	SO	SHORE OUTFLOW PIPE
X	FIRE HYDRANT	SP	SIGN
Y	FIRST AID	T	TELEPHONE
Z	FISH HANDLING EQUIP.	TP	TELEPHONE POLE
AA	FOG HORN	TS	TIDE STAFF/GAUGE
B	FUEL PUMP	U	UTILITY POLE
C	H. PILE	V	VERTICAL CONTROL
D	HORIZONTAL CONTROL	W	WATER TAP/OUTLET
E	ICE PLANT	WV	WATER VALVE
F	MUDD PIPE	WW	WATER WELL
G	JIB CRANE	WP	WOOD PILE
H	PUMP OUT		

LINESTYLE

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

SCALE/ÉCHELLE: 1:300
0m 5m 10m 15m 20m 25m 30m

Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

NOTES:
1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. 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.
Permit No. as issued by APEGNL F0292.
which is valid for the year 2013.

STAMP
REGISTERED PROFESSIONAL ENGINEER NEWFOUNDLAND & LABRADOR
NEIL C. HUNT
SIGNATURE
APRIL 30, 2013
DATE

B	ISSUED FOR TENDER	13/04/16
A	ISSUED FOR 33% REVIEW	13/04/12
revisions		date

project / projet

CONCRETE LAUNCHWAY REPAIRS

SIBLEY'S COVE, NL

drawing / dessin

SOUNDING AND TOPOGRAPHIC SURVEY

designed N.H. / concu
date APRIL 11, 2013
drawn P.H. / dessine
date APRIL 11, 2013
approved / approuve
Tender / Soumission
DFO Project Manager
project number / no. du projet
F6140-130001
drawing no. / no. du dessin
C1

Plot Scale: PLOT_SCALE