

SMALL CRAFT HARBOURS



NOTES

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

LEGEND

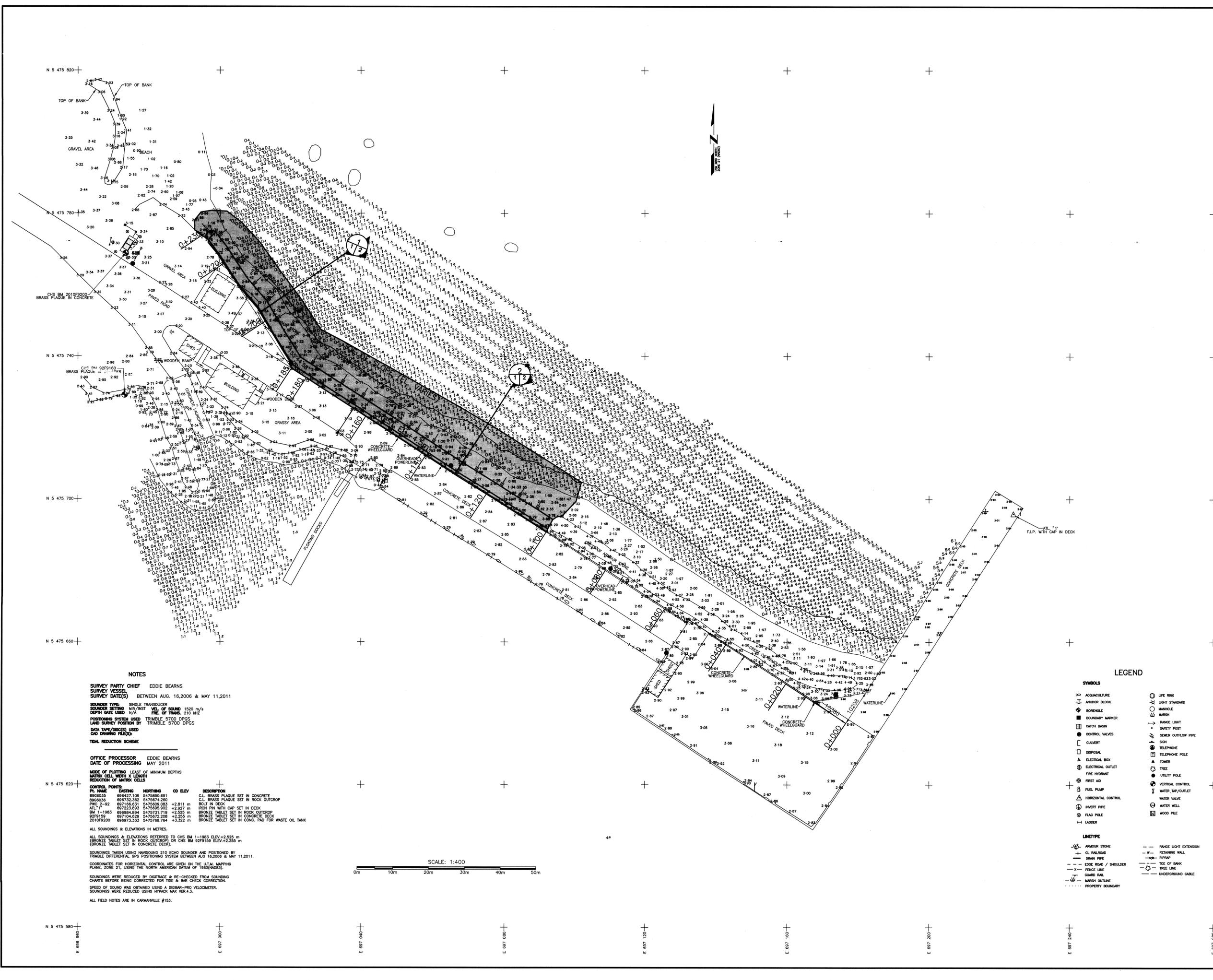
■ DENOTES AREA OF WORK

0	ISSUED FOR TENDER	06/13
A	ISSUED FOR REVIEW	04/13
revisions		date
project		project

SHORE PROTECTION REPAIRS  
CARMANVILLE, NL

SITE PLAN

designed	FWGSC	concu
date	AUGUST 2011	
drawn	E. BEARNS	dessine
date	DECEMBER 2012	
approved		approve
Tender	<i>E. Bearns</i>	Submission
DFO Project Manager		
project number	719272	no. du projet
drawing no.	C1 OF 2	no. du dessin



NOTES

**SURVEY PARTY CHIEF** EDDIE BEARNS  
**SURVEY VESSEL** BETWEEN AUG. 16, 2006 & MAY 11, 2011  
**SURVEY DATE(S)**  
**SAUNDER TYPE** SINGLE TRANSDUCER  
**SAUNDER SETTING** MIN/INST VEL OF SOUND 1520 m/s  
**DEPTH DATE USED** N/A **TIME OF TIDE** 210 H02  
**POSITIONING SYSTEM USED** TRIMBLE 5700 DPGS  
**LAND SURVEY POSITION BY** TRIMBLE 5700 DPGS  
**DATA TAKE (DROPS) USED**  
**DATA DRAWING FILE(S):**  
**TIDAL REDUCTION SCHEME**

**OFFICE PROCESSOR** EDDIE BEARNS  
**DATE OF PROCESSING** MAY 2011

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

PC NAME	EASTING	NORTHING	OD ELEV	DESCRIPTION
8966335	686427.109	5475890.891		C.I. BRASS PLAQUE SET IN CONCRETE
8966336	686732.362	5475874.260		C.I. BRASS PLAQUE SET IN ROCK OUTCROP
PWC-2-92	687156.631	5475659.083	+2.811 m	BOLT IN DECK
MLT-7	687233.883	5475695.302	+2.927 m	IRON PIN WITH CAP SET IN DECK
BM 1-1983	686684.894	5475731.719	+2.927 m	BRONZE TABLET SET IN ROCK OUTCROP
287103	687104.824	5475672.208	+2.255 m	BRONZE TABLET SET IN CONCRETE ROCK
20192500	686673.333	5475766.764	+3.332 m	BRONZE TABLET SET IN CONC. PAD FOR WASTE OIL TANK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 1-1983 ELEV.+2.925 m (BRONZE TABLET SET IN ROCK OUTCROP) OR CHS BM 929159 ELEV.+2.255 m (BRONZE TABLET SET IN CONCRETE ROCK).

SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SAUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN AUG 16, 2006 & MAY 11, 2011.

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

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

SOUNDINGS WERE REDUCED USING HYDRA MAX VERA-3.

ALL FIELD NOTES ARE IN CARMANVILLE #153.

