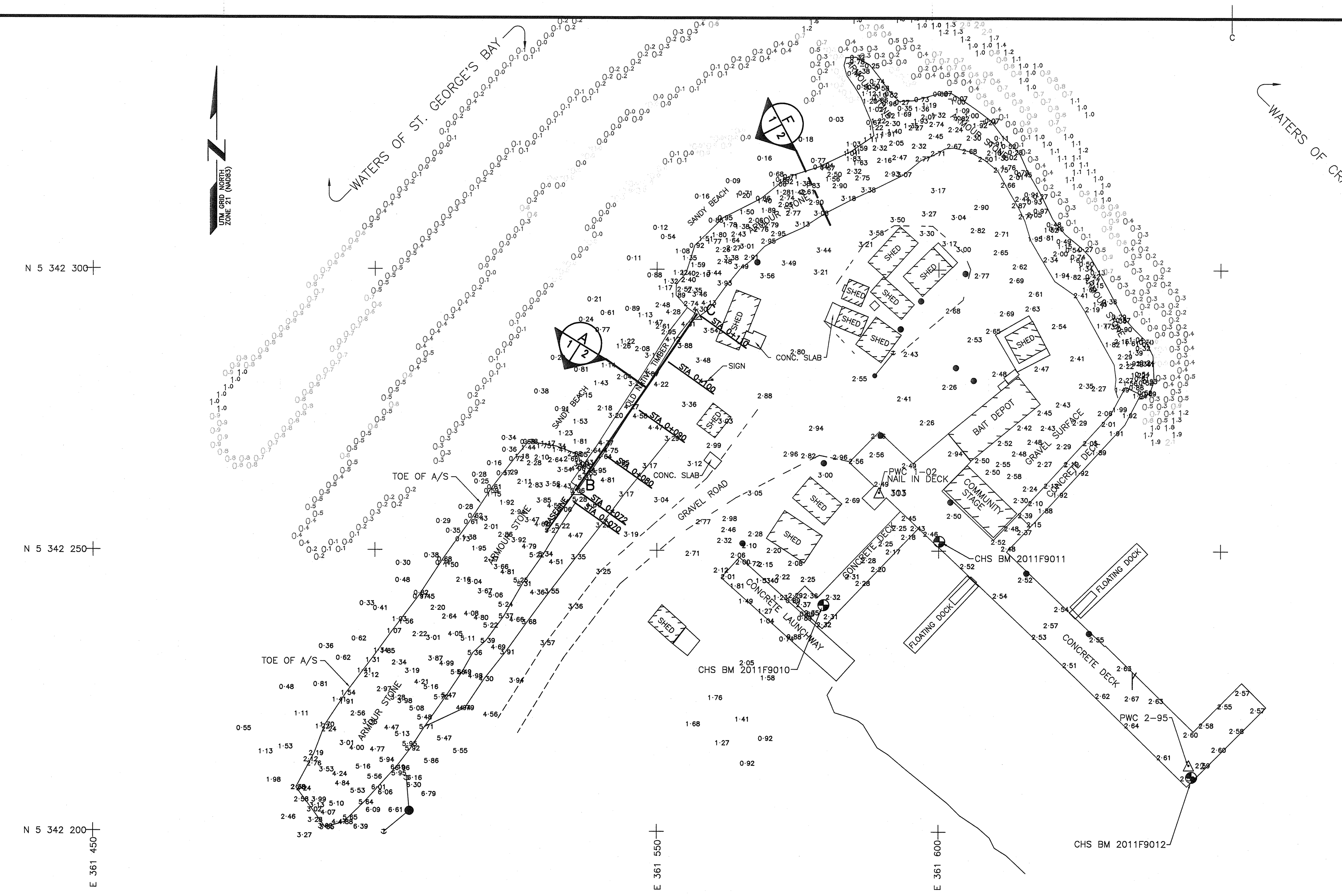
Public Works and Government Services Canada | Travaux Publics et Services gouvernementaux Canada



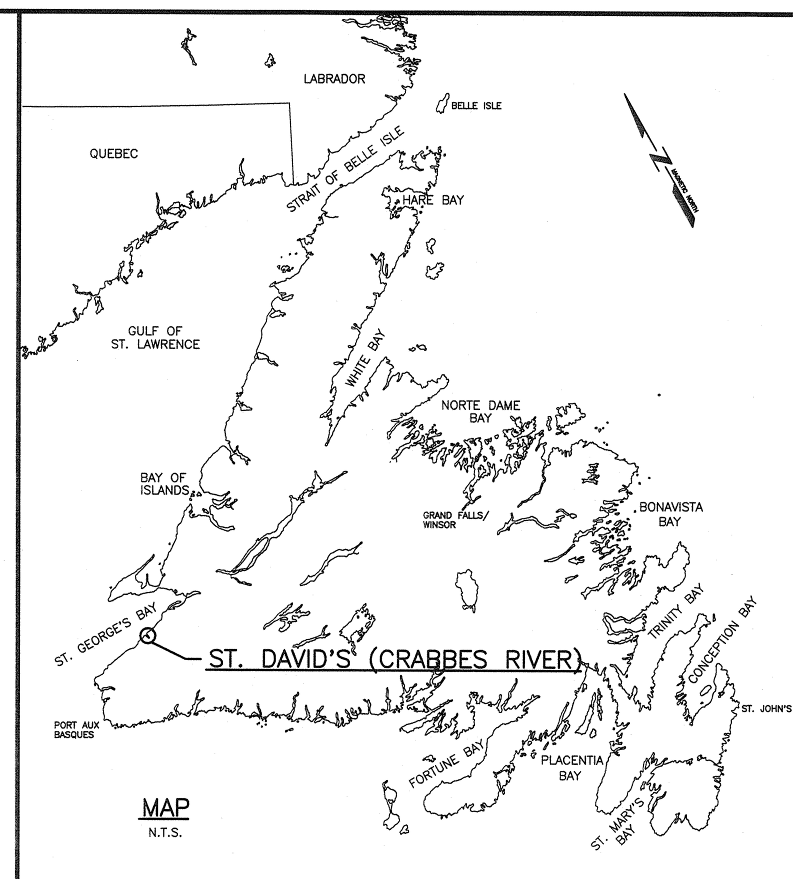
HORIZONTAL CONTROL POINTS

MARK	EASTING	NORTHING
A	E 361495.114	N 5 342201.267
B	E 361535.705	N 5 342260.774
C	E 361557.018	N 5 342291.998

EXISTING SITE & DEMOLITION PLAN

SCALE: 1:500

0m 10m 20m 30m 40m 50m



MAP

N.T.S.

LEGEND:

- INDICATES AREA TO BE DEMOLISHED.
- INDICATES AREA OF NEW WORK.
- INDICATES AREA OF REPAIRS & NEW WORK.

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL SOUNDINGS & ELEVATIONS IN METRES.
3. SOUNDINGS & ELEVATIONS MAY VARY FROM THAT SHOWN ON SURVEY OF JULY 27, 2011.

LEGEND

SYMBOLS

ACQUACULTURE, ANCHOR BLOCK, BOLLARD, BOREHOLE, BOUNDARY MARKER, CARD 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, UTILITY POLE, VERTICAL CONTROL, WATER TAP/OUTLET, WATER VALVE, WATER WELL, WOOD PILE

LINETYPE

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

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) NOVEMBER 19,2012

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL. OF SOUND 1500 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 200 kHZ

POSITIONING SYSTEM USED TRIMBLE 5700 GPS
LAND SURVEY POSITION BY TRIMBLE 5700 GPS

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING DECEMBER 2012

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
84G4165	362505.222	5342525.004		PROVINCAL BRASS PLAQUE SET IN BEDROCK
84G4166	361595.594	5341444.039		PROVINCAL BRASS PLAQUE SET IN BEDROCK
PWC 1-87	361480.197	5342155.351		I.P. SET IN CONCRETE
PWC 2-95	361644.379	5342211.957	+2.615 m	BOLT SET IN CONCRETE DECK
PWC 3-95	361586.283	5342277.088	+2.419 m	I.P. DRIVEN IN GRAVEL
PWC 1-02	361587.647	5342259.390	+2.510 m	NAIL IN CONCRETE DECK
PWC 5-95	362068.724	5341988.506		SPIKE IN PAVEMENT
BM 3-87			+3.525 m	SPIKE DRIVEN IN RETAINING WALL
76F865			+30.248 m	GEODETIC BRASS PLAQUE IN CONCRETE

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO BM 3-87 ELEV. +3.525 m (SPIKE DRIVEN IN WOODEN RETAINING WALL) ESTABLISHED BY 3-WIRE LEVELLING FROM GEODETIC BM 76F865 ELEV.+30.428 m LOCATED AT ST.DAVID'S,NFLD. ON MAY 09'1987 BY PWC SURVEY CREW.
NOTE: USED 0.97 m AS THE DIFFERENCE BETWEEN GEODETIC & CHS DATUMS.

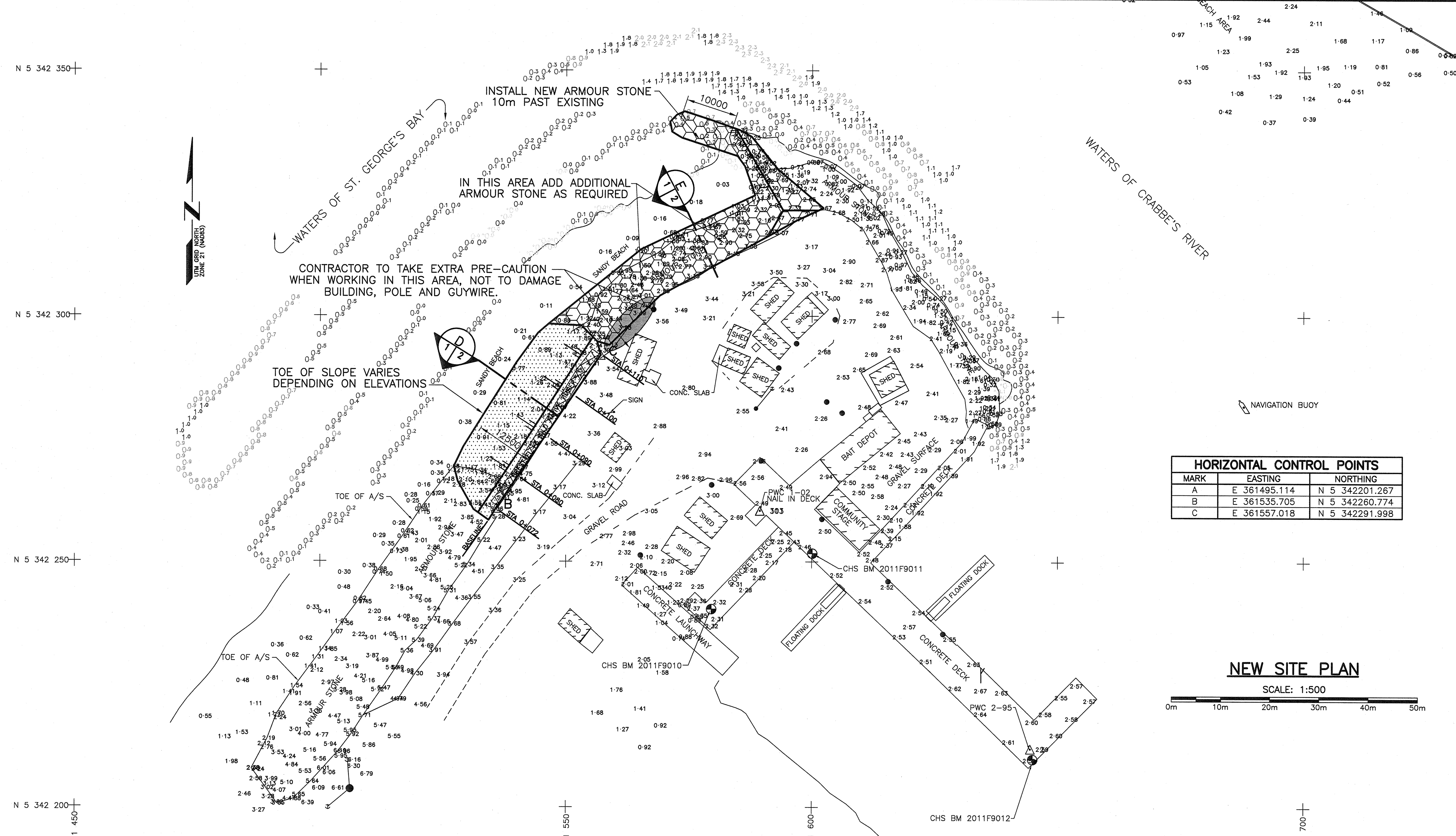
SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JULY 27,2011 BY PWGSC SURVEY CREW.

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.

SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.
SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL FIELD NOTES ARE IN CRABBES RIVER BOOK #50"A".



HORIZONTAL CONTROL POINTS

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NEW SITE PLAN

SCALE: 1:500

0m 10m 20m 30m 40m 50m

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

revisions	date
project / projet	SHORE PROTECTION ST. DAVID'S (CRABBE'S RIVER) NL
drawing / dessin	SITE PLANS & MAP
designed / conçu	P. DAVISON
date	AUGUST 2012
drawn / dessiné	E.B/D.S.
date	JULY 2014
approved / approuvé	[signature]
date	19 Nov 2014
Tender / Soumission	
PWGSC Project Manager / Administrateur de projets TPSGC	[signature]
project number / no. du projet	R.072528.001
drawing no. / no. du dessin	1 OF 2

E-DRM/GDD-E: 495450

PWGSC B1 (2004)