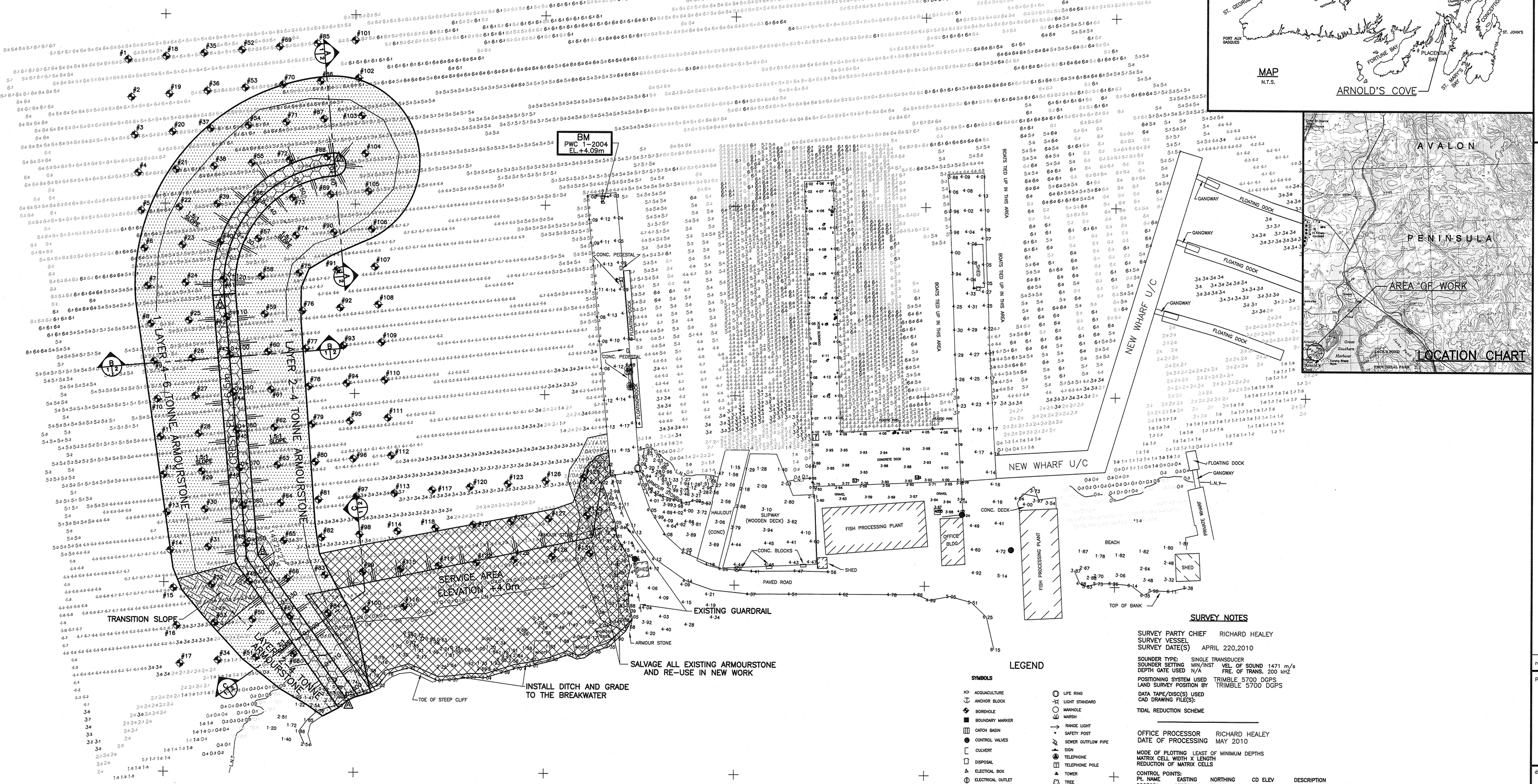
LEGEND:

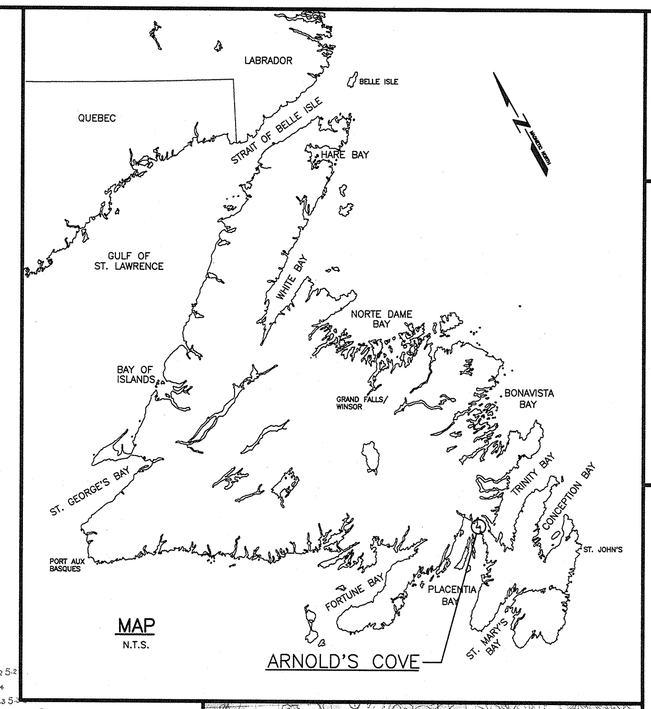
INDICATES AREA OF NEW BREAKWATER.

INDICATES LOCATION OF NEW SERVICE AREA.

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL SOUNDINGS & ELEVATIONS IN METRES.





MAP
N.T.S.

HORIZONTAL CONTROL POINTS

MARK	EASTING	NORTHING	STATION	DESCRIPTION
A	E 275847.94	N 5 293669.66	0+000	START OF BREAKWATER
B	E 275821.72	N 5 293706.23	0+045	1st TURN
C	E 275815.55	N 5 293775.96	0+115	2nd TURN
D	E 275844.47	N 5 293810.50	0+160	END OF CURVE

SITE PLAN

SCALE: 1:500

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

LEGEND

SYMBOLS

- AQUACULTURE
- ANCHOR BLOCK
- BOREHOLE
- BOUNDARY MARKER
- CATCH BASIN
- CONTROL VALVES
- CULVERT
- DISPOSAL
- ELECTRICAL BOX
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FUEL PUMP
- HORIZONTAL CONTROL
- INVERT PIPE
- FLAG POLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- RANGE LIGHT
- SAFETY POST
- SEWER OUTFLOW PIPE
- SIGN
- TELEPHONE
- TELEPHONE POLE
- TOWER
- 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
- GUARD RAIL
- 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
SURVEY DATE(S) APRIL 220,2010

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL OF SOUND 1471 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 200 kHZ

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

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR RICHARD HEALEY
DATE OF PROCESSING MAY 2010

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
82G3031	275709.849	5293500.350		C.L. BRASS PLAQUE SET IN CONCRETE CYLINDER
82G3033	275969.283	5293780.775		C.L. BRASS PLAQUE SET IN CONCRETE CYLINDER
82G3034	276211.732	5293947.981	+2.730 m	C.L. BRASS PLAQUE SET IN CONCRETE CYLINDER
BM 4-1973	276018.85	5293728.02	+4.016 m	CHS BRASS PLAQUE SET IN CONCRETE DECK
PWC 1-2004	275915.12	5293801.02	+4.09 m	FOUND BOLT IN CONC. DECK
PWC 5-1986	276079.978	5293808.362	+4.09 m	PUNCH HOLE IN CONC. DECK
PWC 6-1986	275973.407	5293732.907	+4.09 m	NAIL RAMSET IN CONC. DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 4-1973 (ELEV.+4.016 m ABOVE CHART DATUM)

SOUNDINGS TAKEN USING A NaviSound 210 ECHO SOUNDER AND POSITIONED WITH A TRIMBLE 5700 DPGS POSITIONING SYSTEM ON APRIL 20,2010.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 22, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

BAR CHECK AT 1.0 m INTERVALS DOWN TO A DEPTH OF -6.0 m.

SOUNDINGS WERE REDUCED USING HYPACK MAX 4.3

ALL FIELD NOTES ARE IN ARNOLD'S COVE BOOK # 322.

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

PWGSC B1 (2004)

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

revisions | | date

project / projet

BREAKWATER CONSTRUCTION

ARNOLD'S COVE
NL

drawing / dessin

SITE PLAN,
MAP,
LOCATION CHART

designed P. DAVISON / conçu
date FEB 2014
drawn E.B. / dessiné
date FEB 2014
approved / approuvé
date 17 Jun 2014
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet
R.069711.001

drawing no. / no. du dessin
C1 OF 3

E-DRM/GDD-E: 492873