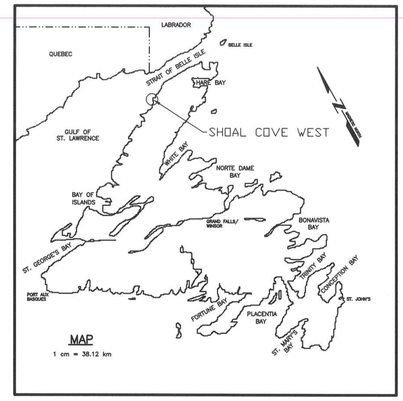

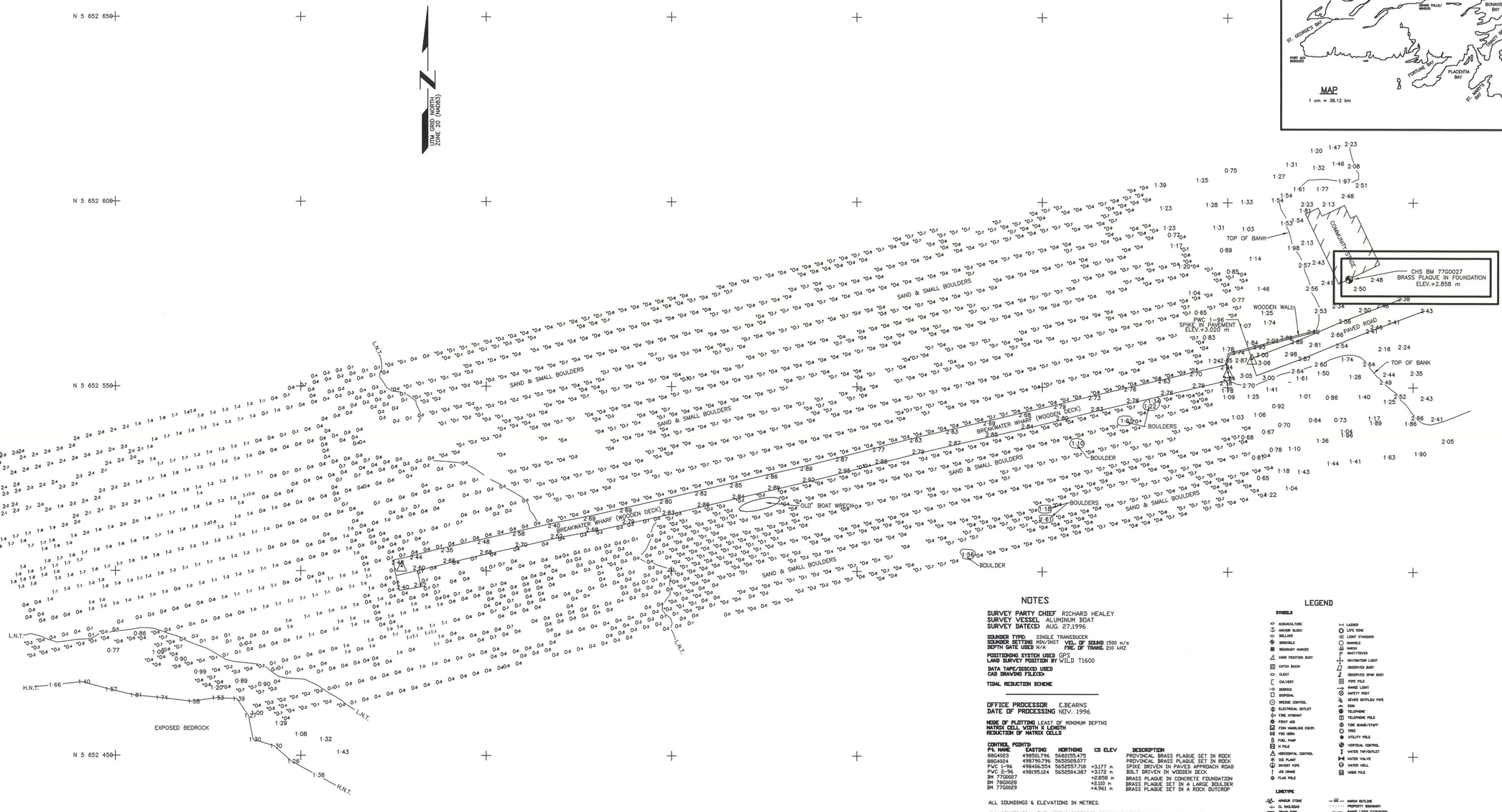

SCALE: 1:500

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

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) AUG. 27,1996

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL. OF SOUND 1500 m/s
DEPTH GATE USED N/A FREQ. OF TRANS. 210 kHZ

POSITIONING SYSTEM USED GPS
LAND SURVEY POSITION BY WILD T1600

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR E.BEARNS
DATE OF PROCESSING NOV. 1996

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
88G4023	498501.796	5682155.475		PROVINCAL BRASS PLAQUE SET IN ROCK
88G4024	498790.796	5683088.877		PROVINCAL BRASS PLAQUE SET IN ROCK
PVC 1-96	498406.554	5682557.718	+3.177 m	SPIKE DRIVEN IN PAVED APPROACH ROAD
PVC 2-96	498195.124	5682504.387	+3.172 m	BOLT DRIVEN IN WOODEN DECK
BM 77G0027			+2.858 m	BRASS PLAQUE IN CONCRETE FOUNDATION
BM 78G0028			+2.110 m	BRASS PLAQUE SET IN A LARGE BOULDER
BM 77G0029			+4.961 m	BRASS PLAQUE SET IN A ROCK OUTCROP

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 77G0027 ELEV. +2.858 m (BRASS PLAQUE SET IN CONCRETE FOUNDATION OF COMMUNITY STAGE AT SHOAL COVE WEST).

SOUNDINGS TAKEN USING RAYTHEON DE 719-C SOUNDER AND POSITIONED BY DIFFERENTIAL GPS POSITIONING ON AUG.27,1996.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 20, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

BAR CHECK AT 1.0 m INTERVALS DOWN TO A DEPTH OF -4.0 m.

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

ALL FIELD NOTES ARE IN SHOAL COVE WEST BOOK.

LEGEND

SYMBOLS

- AQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CAGE POSITION BUOY
- CATCH BASIN
- CLEAT
- CULVERT
- DERRICK
- DISPOSAL
- SMOKE CONTROL
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FISH HANDLING EQUIP.
- FISH HORN
- FUEL PUMP
- H PILE
- HORIZONTAL CONTROL
- ICE PLANT
- DAVIT PIPE
- JIB CRANE
- FLAG POLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- MASTT/DUCK
- 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

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
AFN ENGINEERING INC.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by APEGNL F0292
which is valid for the year 2016.

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEIL C. HUNT
NEWFOUNDLAND & LABRADOR
SIGNATURE
DATE Sept 22/16

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

B	ISSUED FOR TENDER	09/22/16
A	ISSUED FOR REVIEW	09/01/16
revisions		date

project / projet

WHARF/BREAKWATER RECONSTRUCTION

SHOAL COVE WEST, NL

drawing / dessin

SOUNDING AND TOPOGRAPHIC SURVEY

designed N.H. / conçu
date SEPTEMBER 22, 2016
drawn P.H. / dessiné
date SEPTEMBER 22, 2016
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC Sept 23/16

project number / no. du projet
R.082547.001

drawing no. / no. du dessin
C1 OF 8

PWGSC B1 (2004)

E-DRM/GDD-E: 544657