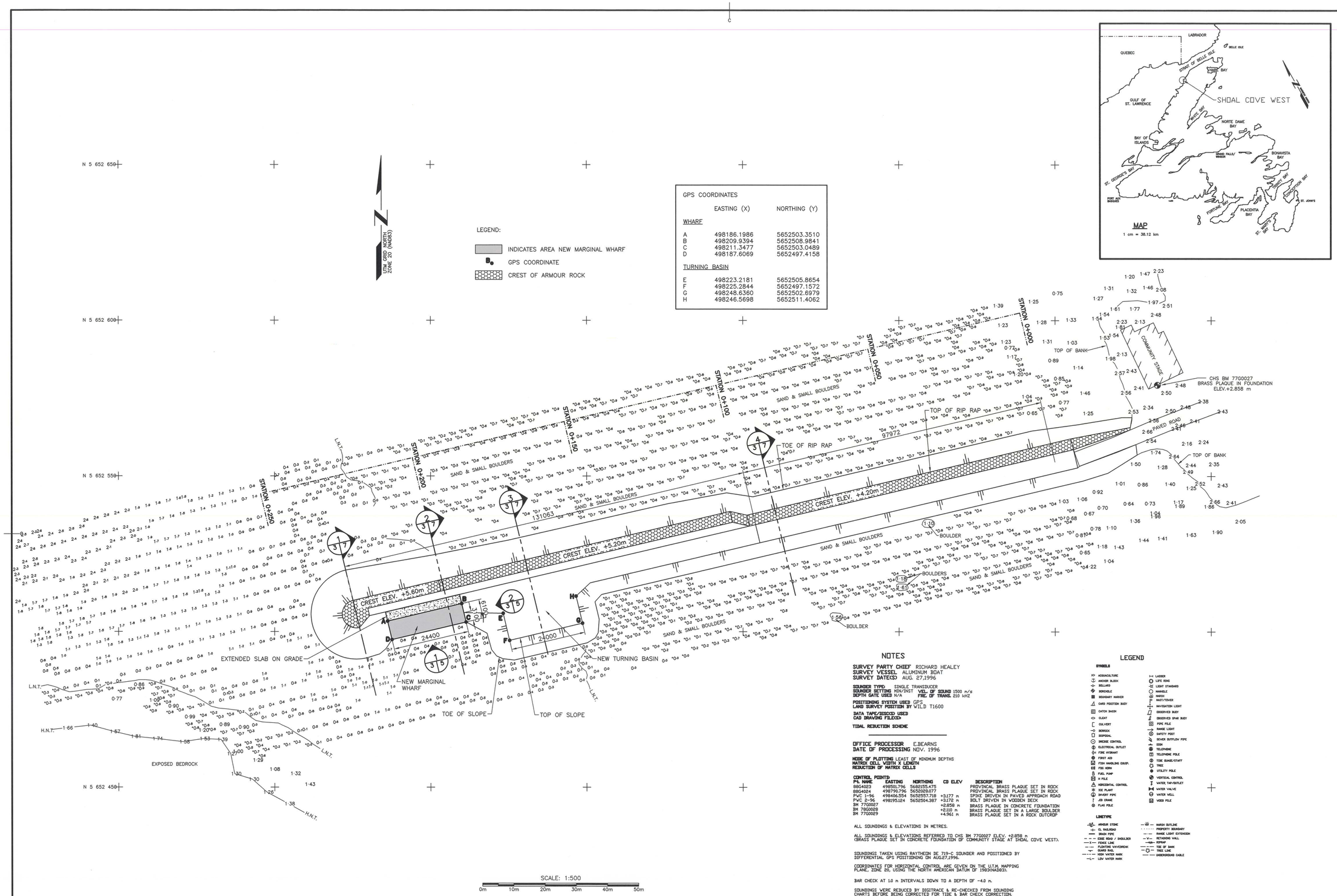

GPS COORDINATES

	EASTING (X)	NORTHING (Y)
WHARF		
A	498186.1986	5652503.3510
B	498209.9394	5652508.9841
C	498211.3477	5652503.0489
D	498187.6069	5652497.4158
TURNING BASIN		
E	498223.2181	5652505.8654
F	498225.2844	5652497.1572
G	498248.6360	5652502.6979
H	498246.5698	5652511.4062

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 **FRE. OF TRANS.** 210 kHZ

POSITIONING SYSTEM USED GPS
LAND SURVEY POSITION BY WILD T1600

DATA TAPE/DISC(S) USED
CAB 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

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
88G4023	498501.796	5682155.475		PROVINCAL BRASS PLAQUE SET IN ROCK
88G4024	498790.796	5682028.077		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 79G0028			+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, BORESHOLE, BOUNDARY MARKER, CARD POSITION BUOY, CATCH BASIN, CLEAT, CULVERT, DERRICK, DISPOSAL, DRAGNE CONTROL, ELECTRICAL OUTLET, FIRE HYDRANT, FIRST AID, FISH HANDLING EQUIP., FIX MERH, FUEL PUMP, H PILE, HORIZONTAL CONTROL, ICE PLANT, INVERT PIPE, JIB CRANE, FLAG POLE, LADDER, LIFE RING, LIGHT STANDARD, MANGLE, MARSH, MAST/STAKE, NAVIGATION LIGHT, OBSERVED BUOY, OBSERVED SPAR BUOY, PIPE PILE, RANGE LIGHT, SAFETY POST, SEWER OUTFLOW PIPE, SIGN, TELEPHONE, TELEPHONE POLE, TIDE GAUGE/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

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

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 F0298
which is valid for the year 2016.

STAMP: REGISTERED PROFESSIONAL ENGINEER NEIL C. HUNT NEWFOUNDLAND & LABRADOR
SIGNATURE
DATE Sept 27/16

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

project / projet

WHARF/BREAKWATER RECONSTRUCTION

SHOAL COVE WEST, NL

drawing / dessin

NEW SITE PLAN

designed / conçu: N.H.
date: SEPTEMBER 22, 2016
drawn / dessiné: P.H.
date: SEPTEMBER 22, 2016
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC — Sept 27/16
project number / no. du projet: R.082547.001
drawing no. / no. du dessin: C3 OF 8

PWGSC B1 (2004)

E-DRM/GDO-E: 544657