NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) MAY 08, 2012

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1520 m/s
DEPTH GATE USED N/A **FRE. OF TRANS.** 210 kHZ

POSITIONING SYSTEM USED DGPS (WITH OTF)
LAND SURVEY POSITION BY DGPS (WITH OTF)

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING MAY 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
76G2624	610701.980	5200069.904		PROVINCAL BRASS PLAQUE SET IN BEDROCK
76G2626	611306.491	5199063.689		PROVINCAL BRASS PLAQUE SET IN BEDROCK
PWC 1–95	610736.348	5199724.935		BOLT SET IN BEDROCK
PWC 2–95	611084.121	5199823.440	+4.662 m	I.P. DRIVEN IN GRAVEL
PWC 3–95	611148.020	5199738.264	+2.163 m	BOLT SET IN BEDROCK
PWC 4–95	611221.777	5200150.994		SPIKE IN PAVEMENT
BM 92F288	611002.710	5200192.300	+5.012 m	BRASS PLAQUE IN CONCRETE BRIDGE
PWC 9805	611085.137	5199742.545	+3.180 m	ANCHOR BOLT IN A CONCRETE BLOCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO GEODETIC BM 92F288 ELEV. +5.012 m (BRASS PLAQUE SET IN BRIDGE) USING 1.270 m AS THE DIFFERENCE BETWEEN GEODETIC DATUM & CHART DATUM ON MAY 10–11,1995 BY PWC SURVEY CREW.

NOTE: USED 1.27m AS THE DIFERENCE BETWEEN GEODETIC & CHART DATUMS.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN MAY 08,2012 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 22, 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.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER.02.12.

SPEED OF SOUND WAS OBTAINED USIND A DIGIBAR–PRO VELOCIMETER.

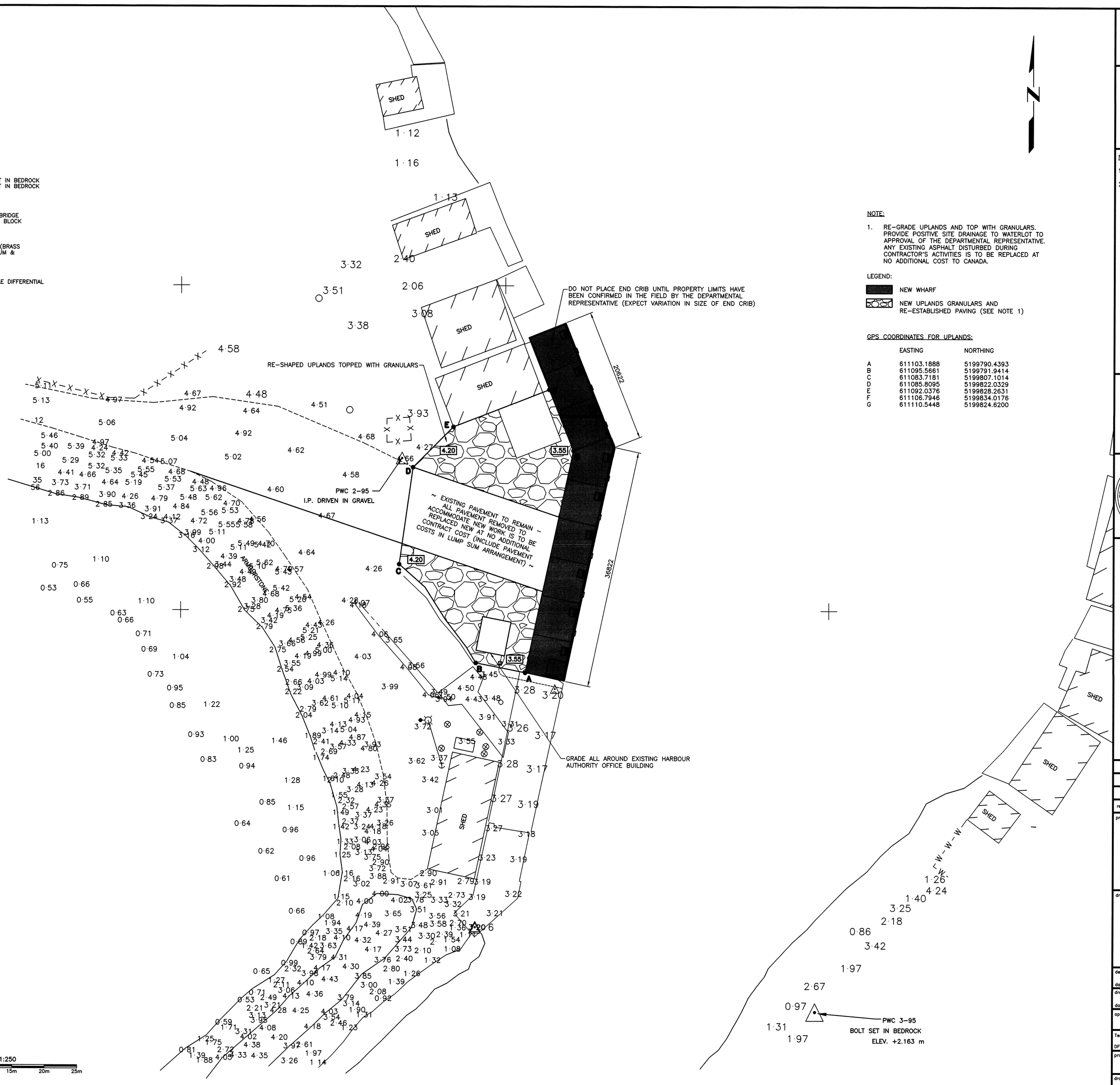
LEGEND

SYMBOLS

AQUACULTURE, 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 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



NOTE:

1. RE–GRADE UPLANDS AND TOP WITH GRANULARS. PROVIDE POSITIVE SITE DRAINAGE TO WATERLOT TO APPROVAL OF THE DEPARTMENTAL REPRESENTATIVE. ANY EXISTING ASPHALT DISTURBED DURING CONTRACTOR'S ACTIVITIES IS TO BE REPLACED AT NO ADDITIONAL COST TO CANADA.

LEGEND:

NEW WHARF

NEW UPLANDS GRANULARS AND RE–ESTABLISHED PAVING (SEE NOTE 1)

GPS COORDINATES FOR UPLANDS:

	EASTING	NORTHING
A	611103.1888	5199790.4393
B	611095.5661	5199791.9414
C	611083.7181	5199807.1014
D	611085.8095	5199822.0329
E	611092.0376	5199828.2631
F	611106.7946	5199834.0176
G	611110.5448	5199824.6200

Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

NOTES:

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

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 70282 which is valid for the year 2016.

STAMP: REGISTERED PROFESSIONAL ENGINEER NEIL C. HUNT SIGNATURE 07/04/16 DATE NEWFOUNDLAND & LABRADOR

revisions		date
C	ISSUED FOR TENDER	07/04/16
B	ISSUED FOR 99% REVIEW	05/07/16
A	ISSUED FOR REVIEW	12/28/15

project / projet
WHARF RECONSTRUCTION
LAWN, NL

drawing / dessin
NEW SITE PLAN

designed N.H. / concu
date JULY 4, 2016
drawn P.H. / dessine
date JULY 4, 2016
approved / approuve
Tender / Soumission
DFO Project Manager
project number / no. du projet **718889**
drawing no. / no. du dessin **C3**

Plot Scale: PLOT_SCALE