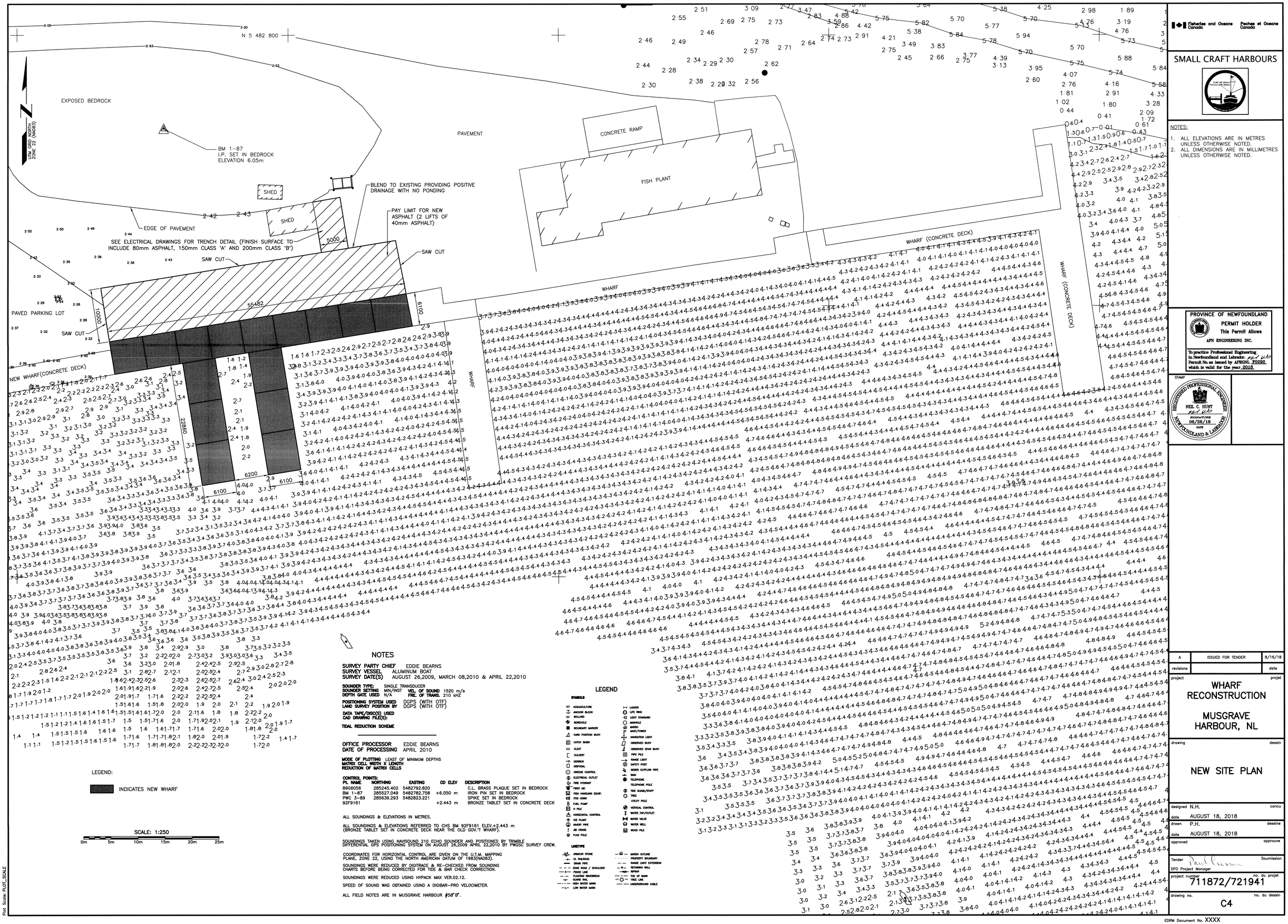

LEGEND:

INDICATES NEW WHARF

SCALE: 1:250

0m 5m 10m 15m 20m 25m

NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) AUGUST 26,2009, MARCH 08,2010 & APRIL 22,2010

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1520 m/s
DEPTH GATE USED N/A **FREQ. 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 APRIL 2010

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH & LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

Pt. NAME	NORTHING	EASTING	CD ELEV	DESCRIPTION
89G6056	285245.402	5482792.820		C.L. BRASS PLAQUE SET IN BEDROCK
BM 1-87	285307.049	5482782.758	+6.050 m	IRON PIN SET IN BEDROCK
PWC 3-89	285639.293	5482823.221		SPIKE SET IN BEDROCK
92F9161			+2.443 m	BRONZE TABLET SET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 92F9161 ELEV.=2.443 m (BRONZE TABLET SET IN CONCRETE DECK NEAR THE OLD GOV.'T WHARF).

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON AUGUST 26,2009 APRIL 22,2010 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.

ALL FIELD NOTES ARE IN MUSGRAVE HARBOUR #58"B".

LEGEND

SYMBOLS

- AQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CAIRD 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
- MAGNT. PIPE
- OIL CRANE
- FLAG POLE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- MAST/TOWER
- NAVIGATION LIGHT
- OBSCURED BUOY
- OBSCURED 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 WAKESWEAK
- 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

Plot Scale: PLOT_SCALE

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 PO892
which is valid for the year 2016

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEIL C. HUNT
SIGNATURE
06/28/18
DATE
NEWFOUNDLAND & LABRADOR

A	ISSUED FOR TENDER	8/16/18
revisions		date

project / projet
WHARF RECONSTRUCTION
MUSGRAVE HARBOUR, NL

drawing / dessin
NEW SITE PLAN

designed N.H. / concu
date AUGUST 18, 2018
drawn P.H. / dessine
date AUGUST 18, 2018
approved / approuve
Tender / Soumission
DFO Project Manager

project number / no. du projet
711872/721941

drawing no. / no. du dessin
C4

EDRM Document No. XXXX