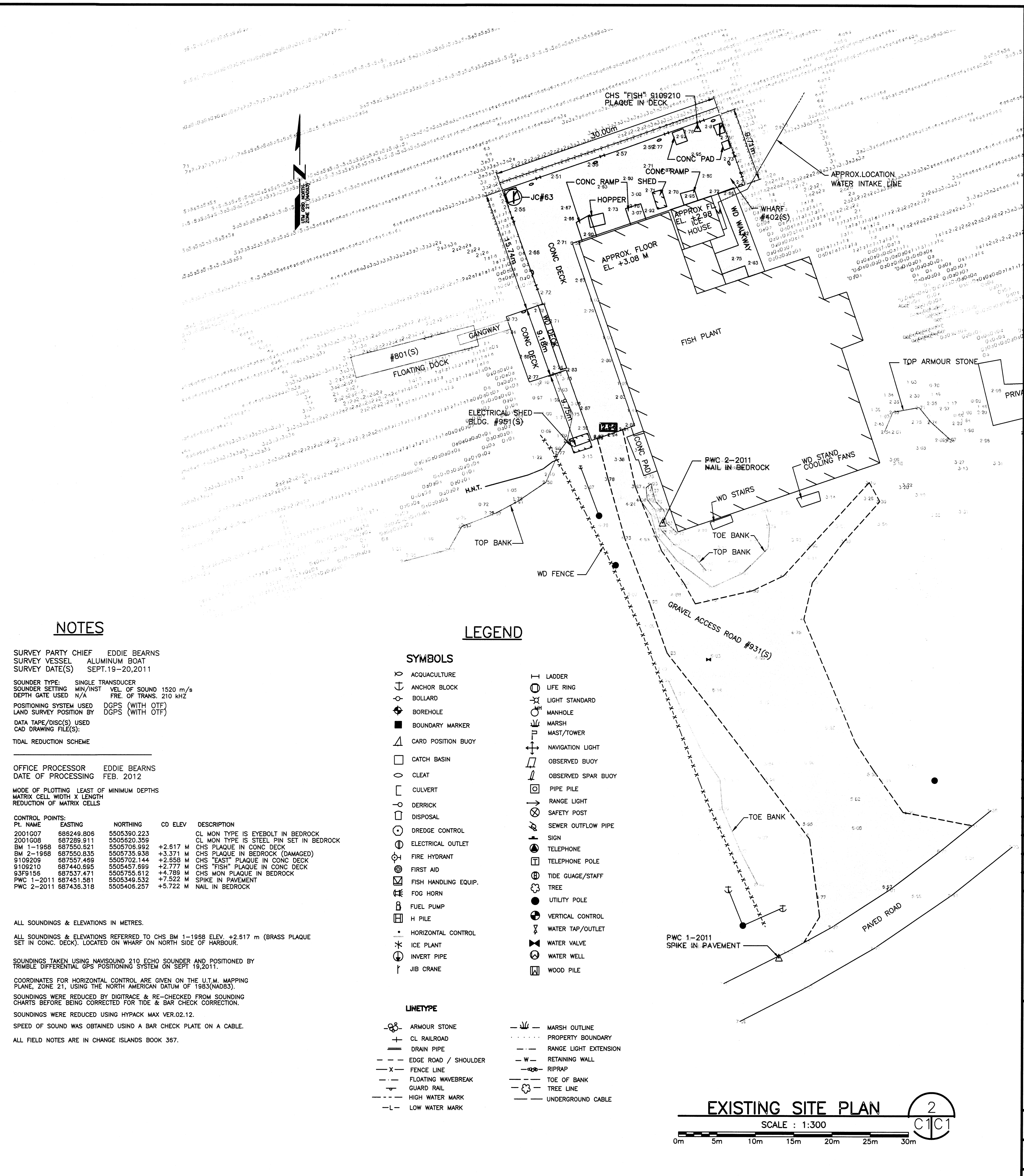


LOCATION PLAN
SCALE: 1:500

Plot Scale:



EXISTING SITE PLAN
SCALE: 1:300

NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) SEPT.19-20,2011

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 FEB. 2012

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
2001607 588249.805 5505390.223 CL MON TYPE IS EYEBOLT IN BEDROCK
2001608 587289.911 5505620.359 CL MON TYPE IS STEEL PIN SET IN BEDROCK
BM 1-1958 587550.821 5505708.992 +2.517 M CHS PLAQUE IN CONC DECK
BM 2-1958 587550.835 5505735.938 +3.371 M CHS PLAQUE IN BEDROCK (DAMAGED)
9109209 587557.499 5505702.144 +2.958 M CHS EAST PLAQUE IN CONC DECK
9109210 587440.595 5505457.899 +2.777 M CHS "FISH" PLAQUE IN CONC DECK
93F9156 587537.471 5505755.612 +4.789 M CHS MON PLAQUE IN BEDROCK
PWC 1-2011 587451.581 5505349.532 +7.522 M SPIKE IN PAVEMENT
PWC 2-2011 587436.318 5505405.257 +5.722 M NAIL IN BEDROCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 1-1958 ELEV. +2.517 m (BRASS PLAQUE SET IN CONC. DECK), LOCATED ON WHARF ON NORTH SIDE OF HARBOUR.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON SEPT. 19, 2011.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, 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 USING A BAR CHECK PLATE ON A CABLE.

ALL FIELD NOTES ARE IN CHANGE ISLANDS BOOK 357.

LEGEND

- SYMBOLS**
- ACQUACULTURE
 - 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
- LINE TYPE**
- 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

SMALL CRAFT HARBOURS



NOTES

- CONTRACTOR IS RESPONSIBLE TO ENSURE ALL WORK ADHERES TO SAFETY REGULATIONS, BUILDING CODES & CONSTRUCTION BEST PRACTICES; MUNICIPAL REGULATION'S, AND MATERIAL MANUFACTURER INSTALLATION SPECIFICATIONS.
 - DO NOT SCALE DRAWINGS.
 - CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
 - ALL ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE MILLIMETERS UNLESS OTHERWISE NOTED.
 - DECK LOADING MS.150
 - THE SURVEY CONTROL POINTS LISTS A CHS PLAQUE IN THE CONCRETE DECK OF THE EXISTING WHARF. IT'S SHOWN TO BE OUT AT THE END BY THE OLD JIB CRANE.
- CHS "FISH" 9109210
E 587440.695
N 5505457.699
ELEVATION= +2.777

- LEGEND**
- AREA OF WORK
 - SPOT ELEVATION
 - SOUNDINGS

PROVINCE OF Nfld. PERMIT HOLDER CLASS "A" This Permit Allows 88925 Newfoundland & Labrador Corp an DMG To practice Professional Engineering in this Province NORBB Permit No. 2016	
6	ISSUED FOR TENDER 03.14.16
5	REISSUED FOR 100% REVIEW 02.17.16
4	ISSUED FOR 100% REVIEW 01.04.16
3	ISSUED FOR 99% REVIEW 11.09.15
2	ISSUED FOR 66% REVIEW 09.21.15
1	ISSUED FOR 33% REVIEW 08.25.15
revisions	date
project	project

WHARF RECONSTRUCTION CHANGE ISLANDS, NL

LOCATION PLAN & EXISTING SITE PLAN

designed	concu
date	
drawn	R. TOBIN
date	AUG. 19. 2015
approved	E. HUMPHRIES
Tender	Submission
DFO Project Manager	
project number	no. du projet
710689	
drawing no.	no. du dessin
C1	5