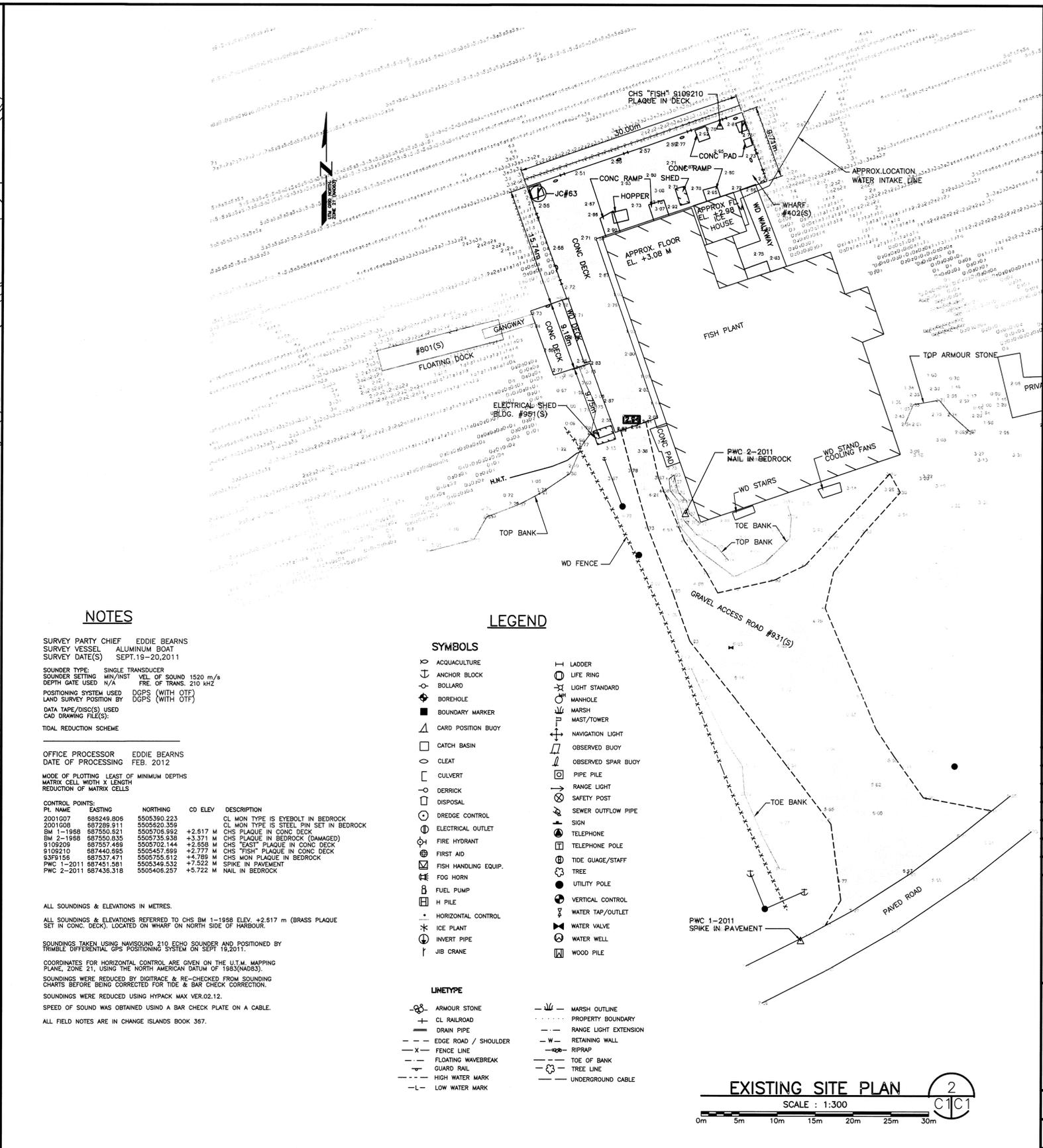


LOCATION PLAN
SCALE: 1:500



EXISTING SITE PLAN
SCALE: 1:300

NOTES

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

SAUNDER TYPE: SINGLE TRANSDUCER
 SAUNDER SETTING MIN/INST VEL OF SOUND 1520 m/s
 DEPTH GATE USED N/A FREQ. OF TRANS. 210 kHz

POSITIONING SYSTEM USED DGPS (WITH OTE)
 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
2001007	688249.806	5505390.223			CL MON TYPE IS EYEBOLT IN BEDROCK
2001008	687289.911	5505520.359			CL MON TYPE IS STEEL PIN SET IN BEDROCK
BM 1-1988	687550.821	5505708.992	+2.517 M		CHS PLAQUE IN CONC DECK
BM 2-1988	687550.835	5505735.938	+3.371 M		CHS PLAQUE IN BEDROCK (DAMAGED)
9109209	687557.469	5505702.144	+2.958 M		CHS "EAST" PLAQUE IN CONC DECK
9109210	687440.595	5505457.699	+2.777 M		CHS "FISH" PLAQUE IN CONC DECK
83F9156	687537.471	5505755.612	+4.789 M		CHS MON PLAQUE IN BEDROCK
PWC 1-2011	687451.581	5505349.532	+7.922 M		SPIKE IN PAVEMENT
PWC 2-2011	687436.318	5505405.257	+5.722 M		NAIL IN BEDROCK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 1-1988 ELEV. +2.517 m (BRASS PLAQUE SET IN CONC. DECK), LOCATED ON WHARF ON NORTH SIDE OF HARBOUR.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SAUNDER 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 REGULATIONS, 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 687440.695
 N 5505457.699
 ELEVATION= +2.777

LEGEND

- AREA OF WORK
- SPOT ELEVATION
- SOUNDINGS

PROVINCE OF Nfld.
 PERMIT HOLDER
 CLASS "A"
 This Permit Allows
 98925 Newfoundland & Labrador
 Corp
 a DMG
 To practice Professional
 Engineering in this
 Province
 N0588 Province 2016
 Permit No. Year



revisions	date
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

**WHARF RECONSTRUCTION
 CHANGE ISLANDS, NL**

**LOCATION PLAN &
 EXISTING SITE PLAN**

designed	concu
date	
drawn	R. TOBIN dessine
date	AUG.19.2015
approved	E. HUMPHRIES approve
Tender	Submission
DFP Project Manager	
project number	no. du projet
710689	
drawing no.	no. du dessin
C1	5