LEGEND

SYMBOLS

- AQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CARD POSITION BUOY
- CATCH BASIN
- CLEAT
- CULVERT
- DERRICK
- DISPOSAL
- BRIDGE CONTROL
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FISH HANDLING EQUIP.
- FOG HORN
- FUEL PUMP
- H PILE
- HORIZONTAL CONTROL
- ICE PLANT
- INVERT PIPE
- JIB CRANE
- FLAG POLE
- 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 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 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

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN DECEMBER 1, 2016 & JUNE 7,2017

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1500 m/s
DEPTH GATE USED N/A **FRE. OF TRANS.** 200 kHZ

POSITIONING SYSTEM USED TRIMBLE R7 GPS
LAND SURVEY POSITION BY TRIMBLE R7 GPS

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING JUNE 2017

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
PWC 1-91	372862.745	5269416.752	+2.943 m	NAIL RAMSET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 87F9000 ELEV. +3.563 m (BRASS PLAQUE SET IN CONCRETE PILLAR OF CCG ELECTRICAL BUILDING) LOCATED AT BERTH 31 ST.JOHN'S.

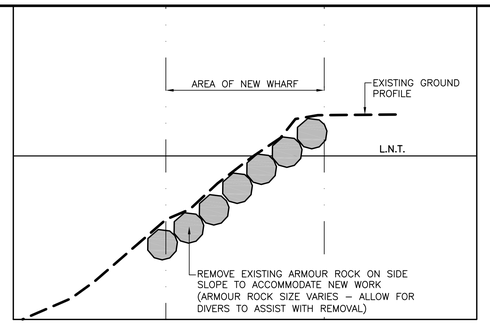
SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN DECEMBER 01,2016 & JUNE 7,2017 BY PWGSC SURVEY CREW.

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. 2013"A".

ALL FIELD NOTES ARE IN ST.JOHN'S BOOK #70'E'.



SECTION 1 2 2
SCALE : 1:150
0m 5m 10m 15m

BM
PWC 1-91
ELEV. 4.1
PASCTRL

OUTLINE OF NEW WHARF

REMOVE ARMOUR STONE ALONG SIDE SLOPES TO ACCOMMODATE NEW WORK (ARMOUR STONE CAN BE RE-USED IF MEETING SIZE REQUIREMENTS FOR OTHER RELATED WORK)

TOP OF BANK

CONCRETE

FENCE

FENCE TO BE REMOVED

UTILITY POLE AND GUY WIRE RE-LOCATED BY OTHERS

WOODEN DECK

WHARF(CONC. DECK)

FENDERS AND FENCING TO BE REMOVED TO ACCOMMODATE NEW WORK

CONCRETE DECK

L.N.T.

ARMOUR STONE

SOUTHSIDE ROAD

PAVEMENT

EXISTING FIRE HYDRANT

EXISTING FORCE MAIN (APPROX. LOCATION – CONFIRM WITH CITY)

EXISTING WATER LINE (APPROX. LOCATION – CONFIRM WITH CITY)

CONCRETE TOPPED CRIB AND FENCING TO BE REMOVED

TEMPORARY CONCRETE JERSEY BARRIERS TO BE INSTALLED ALONG ROAD TO DELINEATE WORK AREA FROM ROAD DURING CONSTRUCTION

TEMPORARY SHEET PILING TO BE INSTALLED PRIOR TO CRIB SEAT EXCAVATION ACTIVITIES (SHEET PILING TO BE EXTRACTED AT PROJECT COMPLETION AND REMOVED FROM SITE) – INTENT IS TO PROVIDE TEMPORARY WORKS (AT CONTRACTOR'S EXPENSE) TO ENSURE SOUTHSIDE ROAD IS NOT IMPACTED DURING DEMOLITION AND NEW WORK. ALL PROPOSED TEMPORARY WORKS TO BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE UNDER THE SEAL OF A PROFESSIONAL ENGINEER LICENSED BY PEG-NL.

Found Concrete Navy Monument

47"E

NEWFOUNDLAND LIGHT & POWER CO. LTD.

Crown Land Monument

SCALE : 1:300
0m 5m 10m 15m 20m 25m 30m

NOTES:

1. CONTRACTOR RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES. CONSULT WITH THE CITY OF ST. JOHN'S WHERE NECESSARY. USE GROUND PENETRATING RADAR TO ASSIST WITH UNDERGROUND UTILITY LOCATES.
2. THE CITY OF ST. JOHN'S WILL BE MAKING MUNICIPAL IMPROVEMENTS TO WATER AND SEWER SYSTEMS ALONG SOUTHSIDE ROAD. CONTRACTOR IS TO COORDINATE WORK WITH OTHERS TO ACCESS SITE.
3. LIMIT EXCAVATION FOR CRIB SEAT TO NO GREATER THAN 18.3 LINEAR METRES BEFORE INSTALLING CRIBS, SUCH AS TO LIMIT POTENTIAL IMPACT ON UNDERMINING OF ROAD.
4. CONTRACTOR RESPONSIBLE FOR COORDINATING UTILITY POLE RE-LOCATES (BY OTHERS) TO MATCH CONTRACTOR'S SCHEDULE.

0 10 20mm 40 60 80 100 120 140 160 180 200mm

PWGSC B1 (2004)

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, as per NLEA
Permit No. as issued by APEGNL F0292
which is valid for the year 2019

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEWFOUNDLAND & LABRADOR
NEIL C. HUNT
SIGNATURE
1/21/19
DATE

E	ISSUED FOR TENDER	1/7/19
D	RE-ISSUED FOR 99% REVIEW	12/19/18
C	ISSUED FOR 99% REVIEW	11/6/18
B	ISSUED FOR 66% REVIEW	10/19/18
A	ISSUED FOR REVIEW	8/17/18
revisions		date

project / projet

HARBOUR DEVELOPMENT
PROSSER ROCK, NL

drawing / dessin

DEMOLITION PLAN

designed N.H. / concu
date JANUARY 7, 2019
drawn P.H. / dessiné
date JANUARY 7, 2019
approved N.H. / approuvé
date JANUARY 7, 2019
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.100138.001
drawing no. / no. du dessin
C2

E-DRM/GDD-E: 552877