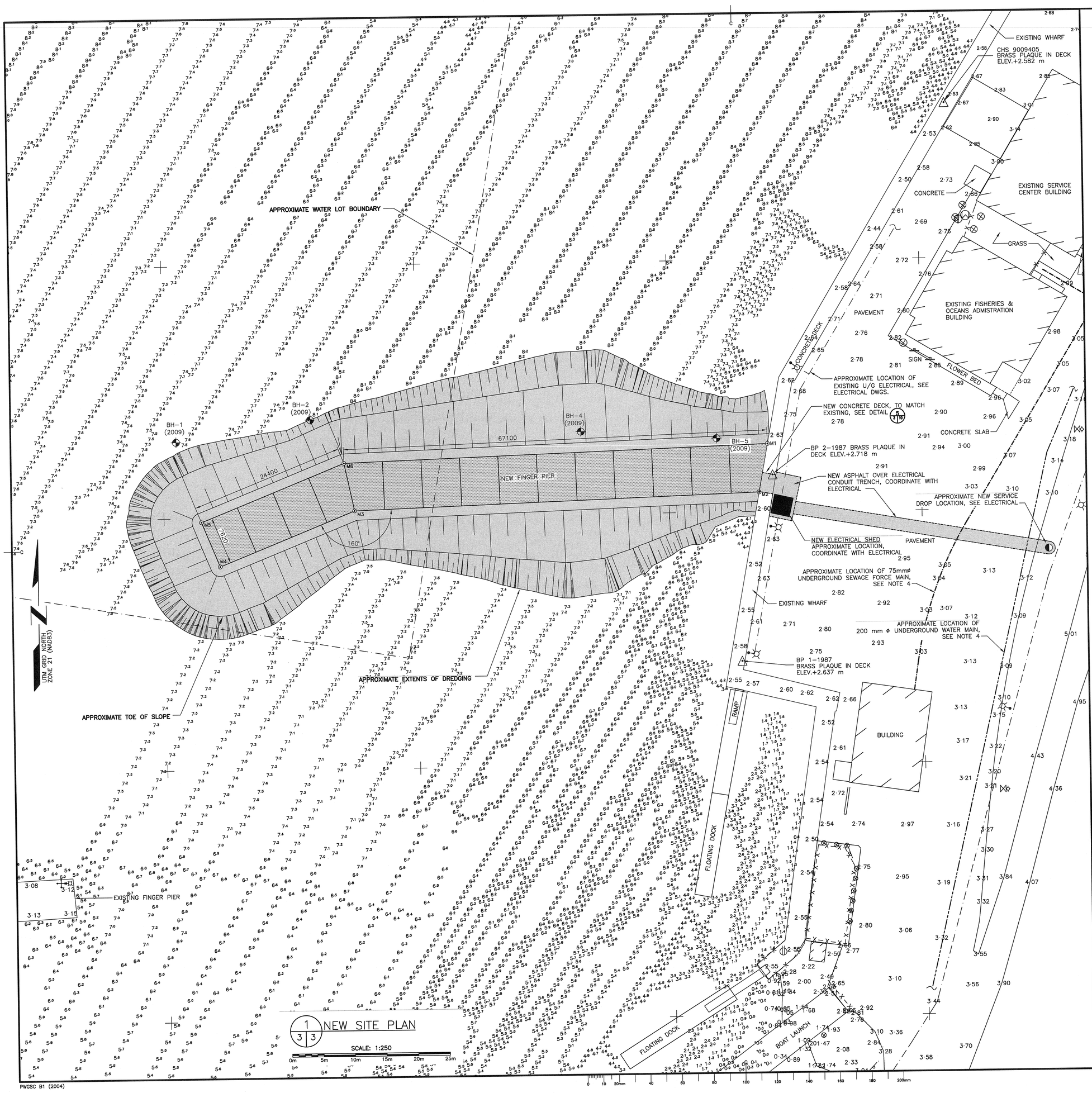

1 / 3 NEW SITE PLAN

SCALE: 1:250

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

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

PWGSC B1 (2004)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. ALL ELEVATIONS ARE IN METERS.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SHOWN.
4. ANY UNDERGROUND SERVICES SHOWN SHALL BE CONSIDERED APPROXIMATE ONLY AND DOES NOT NECESSARY ACCOUNT FOR ALL OF THE UNDERGROUND SERVICES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM ALL UNDERGROUND SERVICES PRIOR TO EXCAVATING FOR THE NEW WORK.

GENERAL LEGEND

- BH1 — APPROXIMATE BOREHOLE LOCATION
- DENOTES APPROXIMATE LOCATION OF WATER LOT BOUNDARIES
- ⊙1 — WHARF CONTROL POINT
- DENOTES NEW WORK
- NEW WHARF STRUCTURE

WHARF & DREDGING CONTROL

6° UNIVERSAL TRANSVERSE MERCATOR, ZONE 22 (NAD83)

	EASTING (X)	NORTHING (Y)	DESCRIPTION
M1	475255.630	5617210.827	NEW FINGER PIER
M2	475254.218	5617203.154	NEW FINGER PIER
M3	475190.175	5617200.948	"
M4	475168.794	5617192.321	"
M5	475165.942	5617199.387	"
M6	475188.569	5617208.517	"

FOR MAIN SURVEY CONTROL, USE COORDINATE TABLE AS OUTLINED IN SURVEY NOTES, ON THIS DRAWING.

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL
SURVEY DATE(S) JUNE 02-03,2009

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1415 m/s
DEPTH GATE USED N/A **FREQ. OF TRANS.** 210 kHz

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

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING JUNE 2009

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
6886-1982	475036.870	5618126.559		CHS BRASS PLAQUE SET IN BEDROCK
9009405	475284.287	5617264.652	+2.582 m	CHS BRASS PLAQUE SET IN CONCRETE DECK
BP 1-1987	475251.189	5617176.379	+2.637 m	BRASS PLAQUE SET IN CONCRETE DECK
BP 2-1987	475256.393	5217205.903	+2.718 m	BRASS PLAQUE SET IN CONCRETE DECK
PWC 3-93	475332.445	5617345.125	+2.502 m	BOLT SET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL ELEVATIONS REFERRED TO CHS BM 1-1981 ELEV. +2.941 m (BRASS PLAQUE SET IN CONCRETE BOLLARD) OR CHS BM 2-1981 ELEV.+4.512 m (BRASS PLAQUE SET IN WALL). NOTE: ALL POINTS SHOWN ON PLAN WAS LEVELLED FROM THESE BENCH MARKS.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JUNE 03,2009 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 USING A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN PORT AU CHOIX FIELD BOOK #42.

SURVEY 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 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

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

STAMP

REGISTERED PROFESSIONAL ENGINEER
PEGL Newfoundland and Labrador
LEE M. BENNETT
SIGNATURE
15/04/17
NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGL Newfoundland and Labrador
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG N0453
which is valid for the year 2015.

D	RE-ISSUED FOR TENDER	15/04/17
C	ISSUED FOR TENDER	10/05/21
B	ISSUED FOR 99% REVIEW	10/04/23
A	ISSUED FOR 66% REVIEW	10/03/30
revisions		date

project / projet

BREAKWATER WHARF CONSTRUCTION PORT AU CHOIX, NL

drawing / dessin

NEW SITE PLAN

designed / conçu L. BENNETT
date FEBRUARY 2010
drawn / dessiné C. HOBBS
date FEBRUARY 2010
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.076532.001
drawing no. / no. du dessin
C3 OF 11

E-DRM/GDD-E: 513840