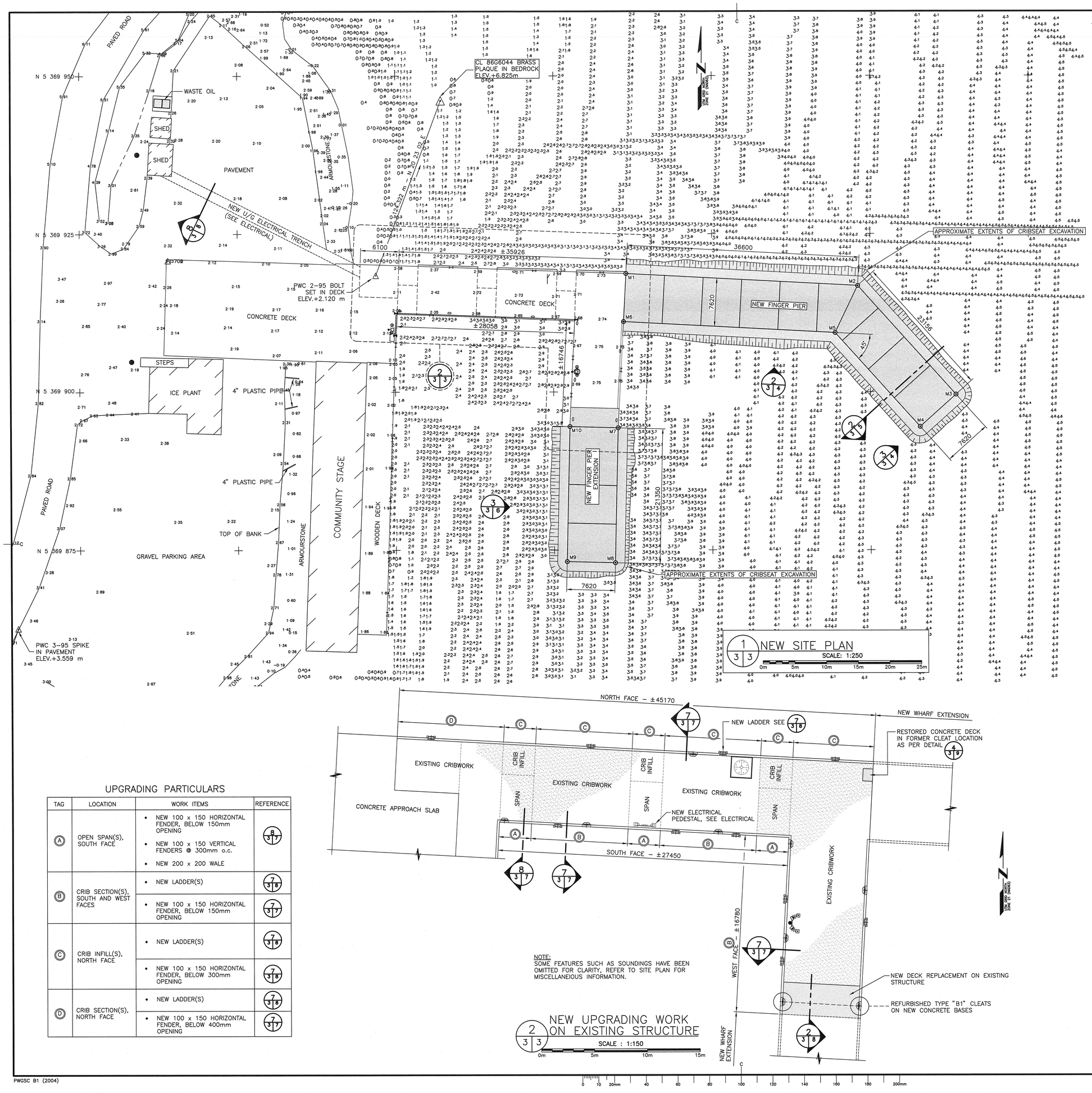

NOTE:
SOME FEATURES SUCH AS SOUNDINGS HAVE BEEN OMITTED FOR CLARITY, REFER TO SITE PLAN FOR MISCELLANEIOUS INFORMATION.

UPGRADING PARTICULARS

TAG	LOCATION	WORK ITEMS	REFERENCE
A	OPEN SPAN(S), SOUTH FACE	• NEW 100 x 150 HORIZONTAL FENDER, BELOW 150mm OPENING • NEW 100 x 150 VERTICAL FENDERS @ 300mm o.c. • NEW 200 x 200 WALE	8/3/7
B	CRIB SECTION(S), SOUTH AND WEST FACES	• NEW LADDER(S)	7/3/8
		• NEW 100 x 150 HORIZONTAL FENDER, BELOW 150mm OPENING	7/3/7
C	CRIB INFILL(S), NORTH FACE	• NEW LADDER(S)	7/3/8
		• NEW 100 x 150 HORIZONTAL FENDER, BELOW 300mm OPENING	7/3/8
D	CRIB SECTION(S), NORTH FACE	• NEW LADDER(S)	7/3/8
		• NEW 100 x 150 HORIZONTAL FENDER, BELOW 400mm OPENING	7/3/7

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. ALL DECK FEATURES ON THE NEW SITE PLAN SUCH AS CLEATS, JIB CRANES, LADDERS AND ELECTRICAL PEDESTALS ARE OMITTED FOR CLARITY.
5. CONTRACTOR TO CONFIRM LOCATION OF ALL UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF EXCAVATION FOR NEW UNDERGROUND SERVICES.

GENERAL LEGEND

- BH1 — APPROXIMATE BOREHOLE LOCATION
- M1 — WHARF CONTROL POINT
- NEW ELECTRICAL PEDESTAL (TYP.)
- LIGHT POLE & PROTECTIVE BOLLARDS
- JIB CRANE LOCATION
- CLEAT
- LADDER
- DENOTES NEW WORK
- NEW WHARF STRUCTURE

WHARF & DREDGING CONTROL

6° UNIVERSAL TRANSVERSE MERCATOR, ZONE 22 (NAD83)

	EASTING (X)	NORTHING (Y)	DESCRIPTION
M1	311061.473	5369918.724	NEW FINGER PIER
M2	311098.023	5369916.783	"
M3	311113.504	5369899.564	"
M4	311107.838	5369894.469	"
M5	311094.466	5369909.341	"
M6	311061.069	5369911.115	"
M7	311060.149	5369894.328	FINGER PIER EXTENSION
M8	311059.609	5369872.985	FINGER PIER EXTENSION
M9	311051.991	5369873.177	"
M10	311052.531	5369894.520	"

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

SURVEY NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) JULY 08,2009

SOUNDER TYPE SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1500 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 AUGUST 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
8606044	311065.219	5370034.970	+6.825 m	PROVINCAL BRASS PLAQUE SET IN BEDROCK
834057	311156.915	5369509.460		PROVINCAL BRASS PLAQUE SET IN BEDROCK
PWC 1–95	310913.472	5369722.167		IRON PIN DRIVEN IN GRAVEL
PWC 2–95	311021.917	5369918.433	+2.120 m	BOLT SET IN CONCRETE DECK
PWC 3–95	310965.129	5369862.619	+3.559 m	SPIKE DRIVEN IN PAVEMENT

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CL 8606044 ELEV. +6.825 m (BRASS PLAQUE SET IN BEDROCK) ESTABLISHED BY LEVEL TRANSFER FROM GEODETIC BM 827078 ELEV. +6.364 m LOCATED AT SUMMERVILLE, NFLD. ON SEPT.21,1999 BY PWC SURVEY CREW.

NOTE: USED 0.54m AS THE DIFERENCE BETWEEN GEODETIC & CHART DATUMS.

SOUNDINGS TAKEN USING NAWSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JULY 08,2009 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 USIND A DIGIBAR–PRO VELOCIMETER.

ALL FIELD NOTES ARE IN SUMMERVILLE BOOK #233.

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

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

REGISTERED PROFESSIONAL ENGINEER — PEGL — LEE M. BENNETT — SIGNATURE — 15/03/23 — NEWFOUNDLAND & LABRADOR

E	RE–ISSUED FOR TENDER	23/03/15
D	ISSUED FOR TENDER	23/12/10
C	ISSUED FOR 99% REVIEW	06/12/10
B	ISSUED FOR 66% REVIEW	04/06/10
A	ISSUED FOR 33% REVIEW	02/26/10
revisions		date

project / projet

WHARF CONSTRUCTION SUMMERVILLE, NL

drawing / dessin

NEW SITE PLAN

designed L. BENNETT / conçu
date JANUARY 2010
drawn C. HOBBS / dessiné
date JANUARY 2010
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC — 10 April 2015

project number / no. du projet
R.032512.001

drawing no. / no. du dessin
C3 OF 9

PWGSC B1 (2004)

E–DRM/GDD–E: 513843