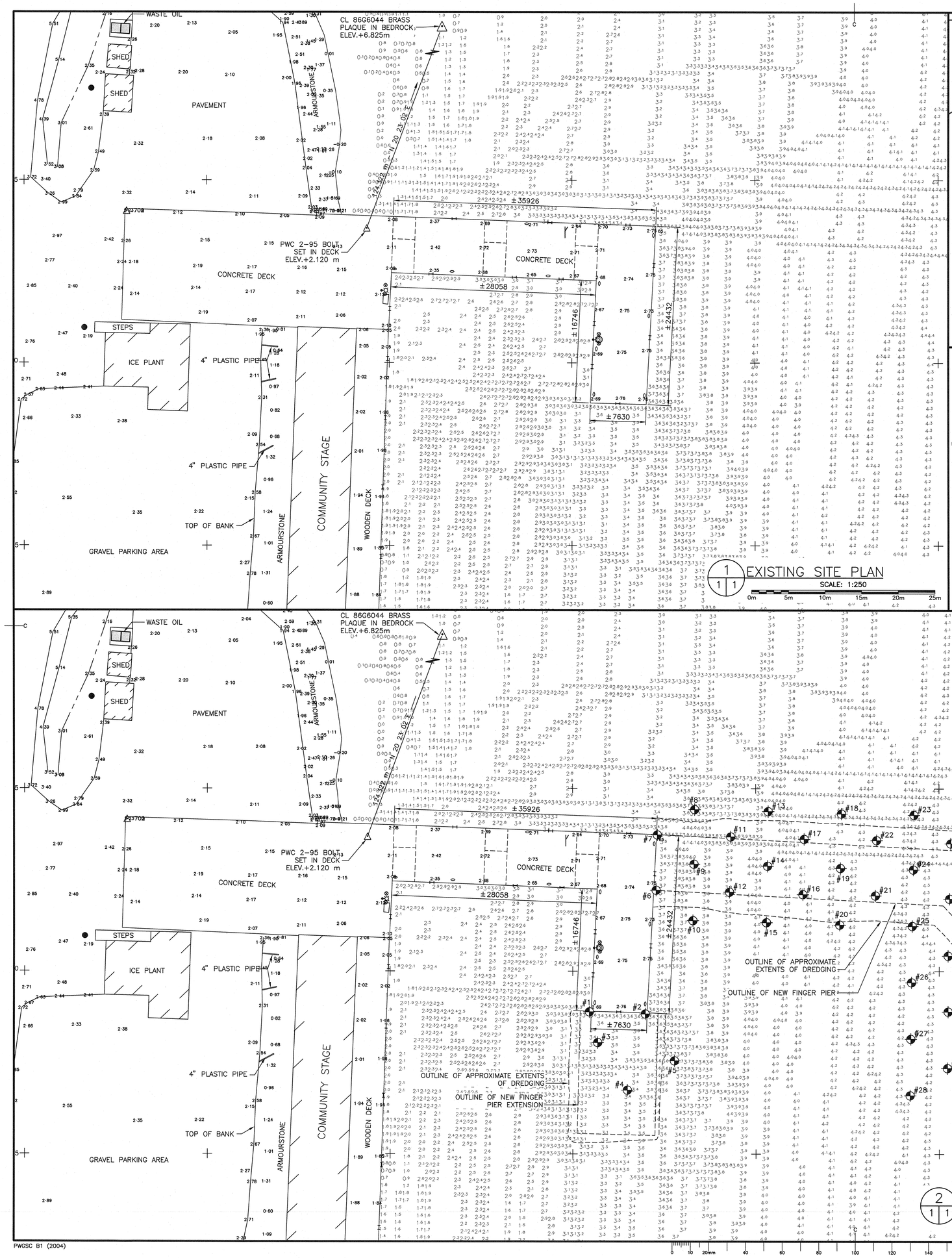
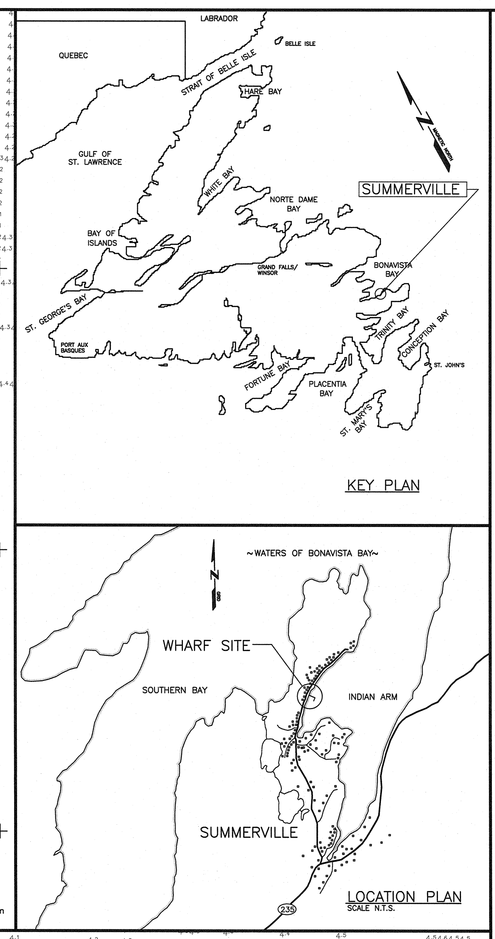


1 1/1 EXISTING SITE PLAN
SCALE: 1:250

2 1/1 SEA FLOOR PROBING DATA
SCALE: 1:250



KEY PLAN

LOCATION PLAN
SCALE N.T.S.

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.
2. ALL ELEVATIONS IN METERS.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SPECIFIED.

GENERAL LEGEND

2.37 DECK ELEVATION FROM AS-BUILT DRAWINGS

#0 APPROXIMATE LOCATION OF GROUND PROBE

SURVEY LEGEND

SYMBOLS

- ACQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- 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

PROBE DATA

PROBE NO.	DEPTH (m)	MATERIAL	PROBE NO.	DEPTH (m)	MATERIAL
1	0.40	SAND, GRAVEL THEN REFUSAL	32	0.80	SAND, GRAVEL THEN REFUSAL
2	0.70		33	0.70	
3	0.70		34	0.75	
4	0.50		35	0.80	
5	0.60		36	0.75	
6	0.50		37	0.80	
7	0.45		38	0.75	
8	0.55		39	0.70	
9	0.35		40	0.60	
10	0.30		41	0.70	
11	0.70		42	0.60	
12	0.70		43	0.60	
13	0.80		44	0.80	
14	0.90		45	0.70	
15	0.90		46	0.70	
16	0.85		47	0.70	
17	0.90		48	0.70	
18	0.80		49	0.70	
19	1.05		50	0.80	
20	0.95		51	0.60	
21	0.70		52	0.60	
22	0.85		53	0.70	
23	0.95		54	0.80	
24	0.85		55	0.50	
25	0.85		56	0.80	
26	0.80		57	0.80	
27	0.80		58	0.80	
28	0.80		59	1.00	
29	0.90		60	0.90	
30	0.60		61	0.90	
31	0.75				

PROBES BY SEA-FORCE DIVING LIMITED, JUNE 2009, USING ONE (1) METER STEEL ROD AND 5 lb HAMMER.

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 **VEL. 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:

Pt. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
8606044	311065.219	5370034.970	+6.825 m	PROVINCIAL BRASS PLAQUE SET IN BEDROCK
834057	311156.915	5369509.460		PROVINCIAL 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	5369882.619	+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 035708 ELEV. + 0.364 m LOCATED AT SUMMERVILLE, NFLD. ON SEPT.21,1995 BY PWC SURVEY CREW.

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

SOUNDINGS TAKEN USING NAVISOUND 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 USING A DIGIBAR-PRO VELOCIMETER.

ALL FIELD NOTES ARE IN SUMMERVILLE BOOK #233.

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

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."

REGISTERED PROFESSIONAL ENGINEER
PEGL Newfoundland and Labrador
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	06/02/10
B	ISSUED FOR 66% REVIEW	04/08/10
A	ISSUED FOR 33% REVIEW	02/01/10
revisions		date

project / projet

WHARF CONSTRUCTION SUMMERVILLE

drawing / dessin

EXISTING SITE PLAN & SEA FLOOR PROBING DATA

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
project number / no. du projet
R.032512.001
drawing no. / no. du dessin
C1 OF 9

E-DRM/GDD-E: 513843

PWGSC B1 (2004)