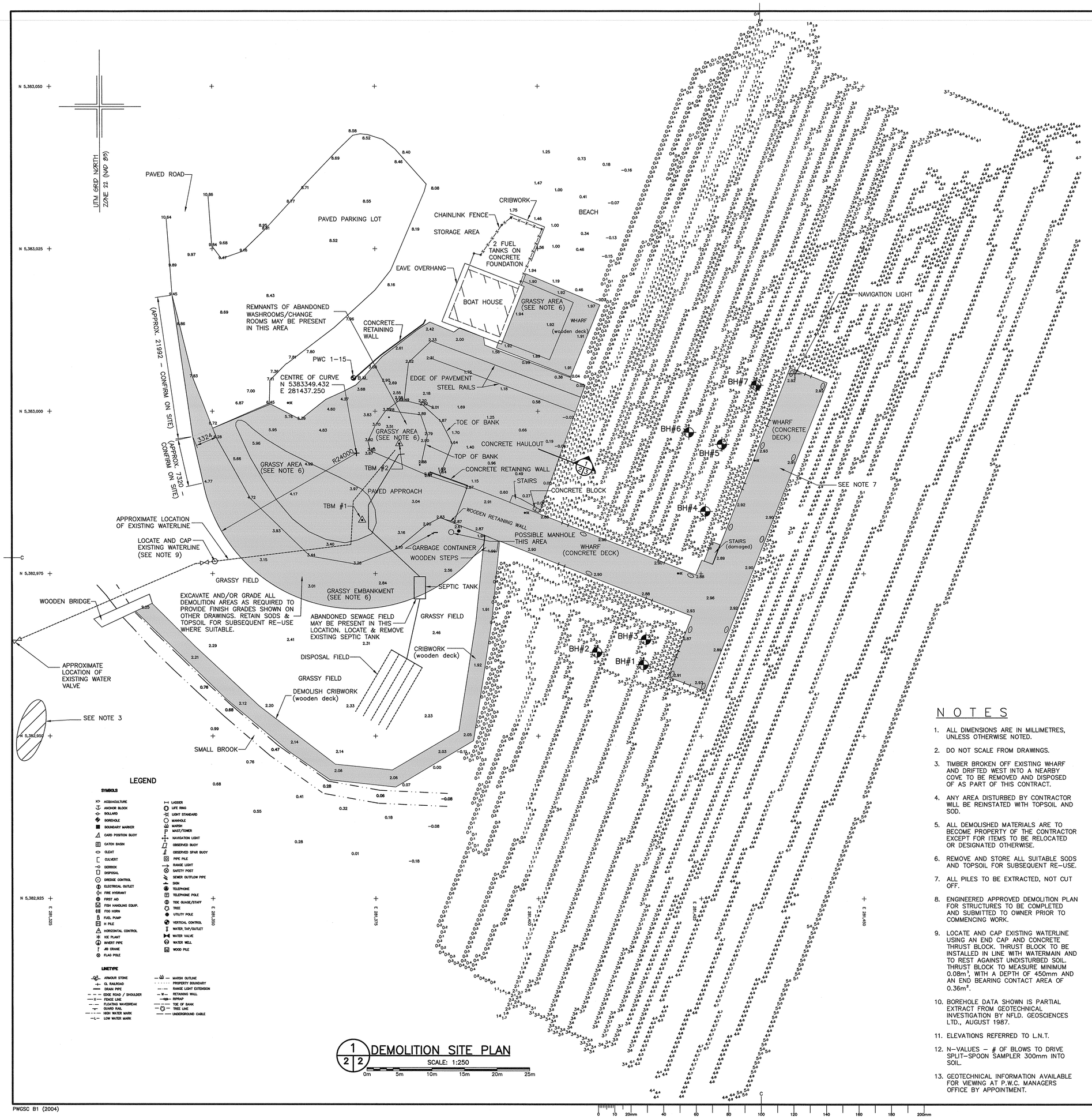

LEGEND

SYMBOLS

- AQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CAIRD 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
- 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

1/2 DEMOLITION SITE PLAN
SCALE: 1:250
0m 5m 10m 15m 20m 25m

BOREHOLE TEST RESULTS

BH #1	ELEVATION (BELOW LNT)	N-VALUES	COMMENTS
	-1.4	3	SEA BOTTOM - VERY SOFT GREENISH BLACK ORGANICS
	-1.8	10	COMPACT GREY SAND, OCCASIONAL,
		10	GRAVEL AND SILT IN UPPER HORIZONS,
		18	BECOMING A COMPACT TO DENSE GRAVELLY, SILTY SAND WITH INCREASING DEPTH TILL
		35	TRACE ORGANIC DEBRIS AND SHELL FRAGMENTS IN UPPER HORIZONS
			SOME COBBLES
	-5.4		OCCASIONAL SMALL BOULDERS
			BEDROCK: FRACTURED TO SOUND RED HEMATITIC CONGLOMERATE WITH INTERBEDDED SANDSTONE AND SHALE

BH #2	ELEVATION (BELOW LNT)	N-VALUES	COMMENTS
	-3.7		SEA BOTTOM - VERY SOFT GREENISH BLACK ORGANICS
	-5.5	3	
		47	DENSE GREY GRAVELLY SILTY SAND: TILL
		66	SOME COBBLES
			OCCASIONAL SMALL BOULDERS
	-7.5		BEDROCK: SOUND RED HEMATITIC SANDSTONE WITH INTERBEDDED SHALE AND CONGLOMERATE

BH #3	ELEVATION (BELOW LNT)	N-VALUES	COMMENTS
	-3.5		SEA BOTTOM - VERY SOFT GREENISH BLACK ORGANICS
	-5.3		
		26	CONCRETE GREY GRAVELLY SAND AND SILT: TILL
		28	OCCASIONAL TWIG AND WOOD FRAGMENTS IN UPPER HORIZONS
		14	SOME COBBLES
			OCCASIONAL SMALL BOULDERS
	-8.8		BEDROCK: FRACTURED TO SOUND RED HEMATITIC CONGLOMERATE WITH OCCASIONAL INTERBEDDED SANDSTONE. OCCASIONAL QUARTZ HEALED STRINGERS

BH #4	ELEVATION (BELOW LNT)	N-VALUES	COMMENTS
	-4.5		SEA BOTTOM - VERY SOFT GREENISH BLACK ORGANICS
	-4.9	5	
		34	
		24	COMPACT TO DENSE GREY GRAVELLY, SILTY SAND: TILL
		25	
		38	SOME COBBLES
	-9.1		BEDROCK: SOUND RED HEMATITIC CONGLOMERATE WITH INTERBEDDED SANDSTONE AND SHALE

BH #5	ELEVATION (BELOW LNT)	N-VALUES	COMMENTS
	-4.5		SEA BOTTOM - VERY SOFT GREENISH BLACK ORGANICS
	-4.8	10	HIGHLY ODOROUS
		25	COMPACT TO DENSE GREY GRAVELLY, SILTY SAND: TILL
			SOME COBBLES
	-6.2	50	OCCASIONAL SMALL BOULDERS
			BEDROCK: SOUND RED HEMATITIC SANDSTONE WITH INTERBEDDED SHALE
			OCCASIONAL QUARTZ HEALED STRINGERS, GENERALLY CUTTING CORE AT HIGH ANGLES (70O) UP TO 5mm WIDE

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED.
2. DO NOT SCALE FROM DRAWINGS.
3. TIMBER BROKEN OFF EXISTING WHARF AND DRIFTED WEST INTO A NEARBY COVE TO BE REMOVED AND DISPOSED OF AS PART OF THIS CONTRACT.
4. ANY AREA DISTURBED BY CONTRACTOR WILL BE REINSTATED WITH TOPSOIL AND SOD.
5. ALL DEMOLISHED MATERIALS ARE TO BECOME PROPERTY OF THE CONTRACTOR EXCEPT FOR ITEMS TO BE RELOCATED OR DESIGNATED OTHERWISE.
6. REMOVE AND STORE ALL SUITABLE SODS AND TOPSOIL FOR SUBSEQUENT RE-USE.
7. ALL PILES TO BE EXTRACTED, NOT CUT OFF.
8. ENGINEERED APPROVED DEMOLITION PLAN FOR STRUCTURES TO BE COMPLETED AND SUBMITTED TO OWNER PRIOR TO COMMENCING WORK.
9. LOCATE AND CAP EXISTING WATERLINE USING AN END CAP AND CONCRETE THRUST BLOCK. THRUST BLOCK TO BE INSTALLED IN LINE WITH WATERMAIN AND TO REST AGAINST UNDISTURBED SOIL. THRUST BLOCK TO MEASURE MINIMUM 0.08m², WITH A DEPTH OF 450mm AND AN END BEARING CONTACT AREA OF 0.36m².
10. BOREHOLE DATA SHOWN IS PARTIAL EXTRACT FROM GEOTECHNICAL INVESTIGATION BY NFLD. GEOSCIENCES LTD., AUGUST 1987.
11. ELEVATIONS REFERRED TO L.N.T.
12. N-VALUES - # OF BLOWS TO DRIVE SPLIT-SPOON SAMPLER 300mm INTO SOIL.
13. GEOTECHNICAL INFORMATION AVAILABLE FOR VIEWING AT P.W.C. MANAGERS OFFICE BY APPOINTMENT.

GENERAL LEGEND:

DENOTES AREA OF DEMOLITION

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) JAN.20,2015

SOUNDER TYPE SINGLE TRANSDUCER
SOUNDER SETTING MIN/MST VEL. OF SOUND 1500 m/s
DEPTH GATE USED N/A FRE. OF TRANS. 200 kHz

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

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

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR RICHARD HEALEY/EDDIE BEARNS
DATE OF PROCESSING FEB.17,2015

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
8909859	282702.075	5384839.189		CHS NAIL DRIVEN IN WOODEN DECK (SALTONS BROOK WHARF)
5799503	282621.008	5384840.192	+1.290 m	CHS BRASS PLAQUE SET IN BOULDER (SALTONS BROOK)
90F9033	282654.553	5384848.872	+2.201 m	CHS BRASS PLAQUE SET IN CONCRETE (SALTONS BROOK)
90F9034	282602.179	5384848.782	+2.923 m	CHS BRASS PLAQUE SET IN BOULDER (SALTONS BROOK)
TBM #1	281372.993	5382983.230	+3.434 m	IRON PIN DRIVEN FLUSH WITH THE GROUND @ SITE
TBM #2	281378.711	5382995.006	+3.332 m	IRON PIN DRIVEN FLUSH WITH THE GROUND @ SITE
PWC 1-15	281371.703	5383005.122	+4.166 m	BOLT CEMENTED IN CONC RETAINING WALL NEAR THE SOUTH END

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO ANY OF THE CONTROL POINTS LISTED ABOVE. (CONTROL FOR SITE WAS SET BY OPS TRANSFER FROM CHS 90F9033 ON NOV.27,2014)

SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SOUNDER AND POSITIONED USING THE R7 TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM ON JAN.20,2015.

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 USING HYPACK 2013A .

SPEED OF SOUND WAS OBTAINED USING A "BAR CHECK".

ALL FIELD NOTES ARE IN SALTONS BROOK(TERRA NOVA PARK) FIELD BOOK #264.

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

REGISTERED PROFESSIONAL ENGINEER
STEPHEN CHAYTOR
SIGNATURE
15/11/06
DATE
NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGNL
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No.as issued by PEG N0459
which is valid for the year 2015.

C	ISSUED FOR TENDER	15/11/06
B	ISSUED FOR 99% REVIEW	15/10/16
A	ISSUED FOR 66% REVIEW	15/09/11
revisions		date

project / projet

NEWMAN SOUND (HEADQUARTERS) WHARF RECONSTRUCTION

drawing / dessin

DEMOLITION SITE PLAN

designed S. CHAYTOR / conçu
date SEPT, 2015
drawn R. SNOW / dessiné
date SEPT, 2015
approved / approuvé
date
Tender / Soumission
13 NOVEMBER 2015
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.072196.004
drawing no. / no. du dessin
C2 OF 13

E-DRM/GDD-E: 531505