

BOREHOLE LOCATIONS		
BOREHOLE No.	NORTHINGS	EASTINGS
BH1	N 500297.5	E 621653.6
BH2	N 500300.9	E 621666.1
BH3	N 5003025.9	E 621663.2
BH4	N 5003037.2	E 621676.1
BH5A	N 5003058.4	E 621676.1
BH5	N 5003058.6	E 621675.5
BH6	N 5003049.0	E 621693.9
BH7	N 5003045.2	E 621713.8
BH8	N 5003041.6	E 621693.9
BH9	N 5003035.7	E 621710.5
BH10	N 5003055.5	E 621657.2

HYDROGRAPHIC SURVEY NOTES:

SURVEY PARTY CHIEF DARRYL GREEN  
SURVEY VESSEL SCOTIA SURVEYOR  
SURVEY DATE(S) MARCH 16, 2016

SOUNDER TYPE: ROSS  
SOUNDER SETTING N/A VEL. OF SOUND 1450 m/s  
DEPTH GATE USED N/A FRE. OF TRANS. 190 & 210 kHz

POSITIONING SYSTEM USED TRIMBLE 5700 DGPS  
LAND SURVEY POSITION BY TRIMBLE 5700

RAW DATA FILE (S): NHR76.SIP  
CAD DRAWING FILE(S): NHR76AT.DWG

TIDAL REDUCTION SCHEME ELEVATIONS ARE REFERENCED TO NSCM 10766:  
+13.98 ABOVE CHART DATUM.  
CHART DATUM ESTABLISHED BY ADDING A CORRECTION FACTOR OF +0.8m  
TO THE GEODETIC ELEVATION OF NSCM 10766.  
CORRECTION FACTOR OBTAINED FROM CHS TIDAL SECTION IN JANUARY 1988.

OFFICE PROCESSOR DAVID MELANSON  
DATE OF PROCESSING MARCH 29, 30 AND APRIL 5, 2016

MODE OF PLOTTING N/A  
CONTROL POINTS: (CSRS)

PL. NAME	EASTING	NORTHING	CD ELEV.	DESCRIPTION
210766	621816.340	5003940.397	13.98	LRIS CONTROL
210761	619476.400	5005289.770	8.35	LRIS CONTROL
PT A	621657.891	5002991.759	3.07	PWC CONTROL
PT B	621677.809	5003050.977	3.51	PWC CONTROL
TMB#1	621663.1	5003003.2	3.31	PWC CONTROL
TMB#2	621671.7	5003028.9	3.34	PWC CONTROL
PT D	621674.645	5002955.341	2.87	PWC CONTROL
PT E	621662.058	5002930.037	4.02	PWC CONTROL

SURVEY NOTES BASE MAPPING:

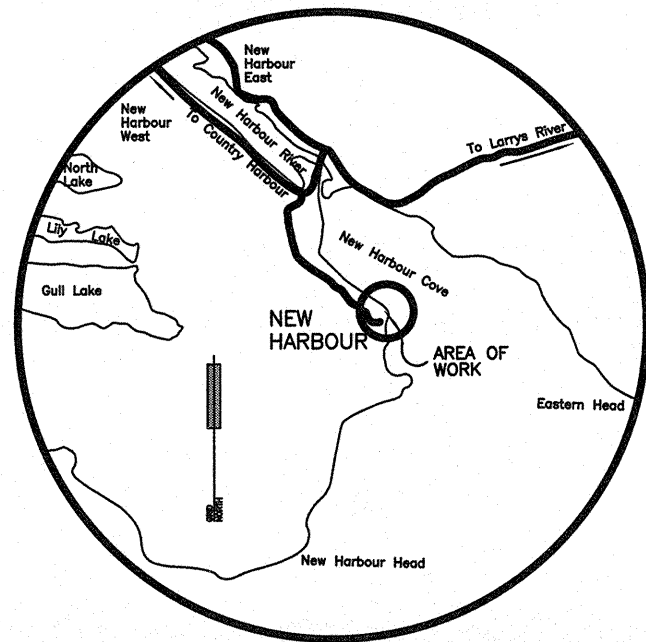
1. THE BASE MAPPING WAS TAKEN FROM A 1993 PWGSC DRAWING:

TITLE: COMPOSITE PLAN OF  
NEW HARBOUR  
GUYSBOROUGH COUNTY  
NOVA SCOTIA  
DRAWING No.: S-9119

LEGEND:

- DENOTES REMOVALS.
- DENOTES SOUNDING DEPTH BELOW CHART DATUM.
- DENOTES BOREHOLE - SEE DRAWINGS M02 AND M03.
- DENOTES SURVEY MARKER.
- DENOTES WORK POINT - SEE SCHEDULE.
- DENOTES FINISHED GRADE OF SURFACE.
- DENOTES CRIB CELL WITH BALLAST FLOOR
- DENOTES MOORING CLEAT - SEE DETAIL 1/M13.
- DENOTES LADDER - SEE DETAILS B/M07 AND 1/M12.
- DENOTES MOORING RING - SEE DETAIL 2/M13.
- DENOTES DERRICK (SUPPLIED BY OTHERS, INSTALLED BY CONTRACTOR AS PART OF WORK. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE).
- DENOTES VERT. DRAIN THROUGH DECK, SEE SECTION B/M11.
- DENOTES HORIZ. DRAIN THROUGH CONCRETE CURB, SEE SECTION C/M11.
- P1 - PILE TYPE 1 - SEE DETAIL 1/M09.
- P2 - PILE TYPE 2 - SEE DETAIL 2/M09.
- PC1 - PILE CAP TYPE PC1 - SEE SECTION A/M10.
- PC2 - PILE CAP TYPE PC2 - SEE SECTION B/M10.
- PC3 - PILE CAP TYPE PC3 - SEE SECTION D/M10.

GRID NORTH  
UNIVERSAL TRANSVERSE MERCATOR  
N.A.D. 83 ZONE 20



KEY PLAN  
SCALE : N.T.S.

DESIGNATED DISPOSAL SITE  
(ABOVE ORDINARY HIGH  
WATER MARK ON DRY LAND)

APPROXIMATE WATER  
LOT BOUNDARY LINE

LIMIT OF EXCAVATION

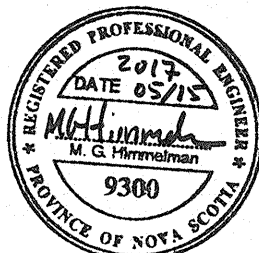
ENTIRELY REMOVE EXISTING BLOCK AND SPAN TIMBER CRIB STEM (STRUCTURE 401 - APPROX. BOTTOM ELEVATION OF STRUCTURE = -2.00m± BELOW CHART DATUM) AND TIMBER CRIB TEE (STRUCTURE 402 - APPROX. BOTTOM ELEVATION OF STRUCTURE = -3.00m± BELOW CHART DATUM). DISPOSE OF ALL TIMBER, CONCRETE, STEEL AND ANY OTHER NON-GRANULAR MATERIALS AT APPROVED CONSTRUCTION AND DEMOLITION WASTE DISPOSAL SITE. BALLAST MATERIAL MEETING SPECIFICATION SHALL BE SALVAGED AND INCORPORATED INTO NEW WORK. DISPOSE OF BALLAST NOT MEETING SPECIFICATION FOR THE INCORPORATION INTO NEW WORK. EXCAVATED GRANULAR, AND DREDGE MATERIALS AT DESIGNATED DISPOSAL SITE AS INDICATED

EXISTING BARRICADE RESTRICTING ACCESS TO EXISTING WHARF STRUCTURE. CONTRACTOR RESPONSIBLE FOR SUBMITTING DEMOLITION PLAN AND SEQUENCING FOR DEPARTMENTAL REPRESENTATIVE REVIEW SPECIFICALLY ADDRESSING LIMITATIONS AND POSTED LOAD RESTRICTIONS CURRENTLY IN PLACE ON WHARF STRUCTURE

EXISTING RUBBLE MOUND  
BREAKWATER TO REMAIN

SITE PLAN - EXISTING CONDITIONS AND REMOVALS

SCALE : 1:500  
0m 10m 20m 30m 40m 50m



0	ISSUED FOR TENDER	MAY 11 2017
revisions		date

project project

WHARF CONSTRUCTION  
NEW HARBOUR  
GUYSBOROUGH COUNTY  
NOVA SCOTIA

drawing dessin

EXISTING CONDITIONS,  
REMOVALS AND  
BOREHOLE LOCATIONS

designed M. HIMMELMAN	conçu
date FEBRUARY 2017	
drawn M. BOULIER	dessiné
date FEBRUARY 2017	
approved	approuvé
date	
Project Manager	Administrateur de projet
project number	no. du projet
R.082348.001	
drawing no.	no. du dessin
M01	