

SURVEY NOTES

SURVEY PARTY CHIEF: DARRYL GREEN & DAVID MELANSON
SURVEY PLATFORM: SCOTIA SURVEYOR
SURVEY DATE(S): JULY 30, 2009 & SEPT. 24, 2009
SOUNDER TYPE: SWEEP SYSTEM
SOUNDER SETTINGS: MIN/INST VEL OF SOUND: 1497m/s
DEPTH GATE USED: 1.0 FREQ. OF TRANS. 210kHz
POSITIONING SYSTEM USED: DGPS TRIMBLE 5700 & TRIMBLE R7
LAND SURVEY POSITION BY TRIMBLE R7
RAW DATA FILE(S): BPT267.ZIP
CAD DRAWING FILE(S): BPT267AT.DWG
TIDAL REDUCTION SCHEME: REFERENCED TO PWC BM IN SHAG HARBOUR, +4.91m ABOVE CHART DATUM.
OFFICE PROCESSOR: DAVID MELANSON
DATE OF PROCESSING: AUGUST 3, 2009 & OCTOBER 2, 2009
MODE OF PLOTTING: AVERAGE DEPTHS
MATRIX CELL SIZE: 1.2m x 3.0m
CONTROL POINTS:
PT. NAME EASTING NORTHING CD ELEV DESCRIPTION
25330 284081.890 4819434.285 N/A LRIS CONTROL
PT A 285265.740 4818227.490 4.47m PWC CONTROL
PT B 285273.560 4818339.370 4.52m PWC CONTROL
PT C(TBM) 285273.600 4818340.700 4.78m PWC CONTROL
NOTE: ELEVATIONS AT WATERLINE AND WHARF APPROACH ROAD WERE EXTRACTED FROM A PWGSC SURVEY DATED MAY 1994.

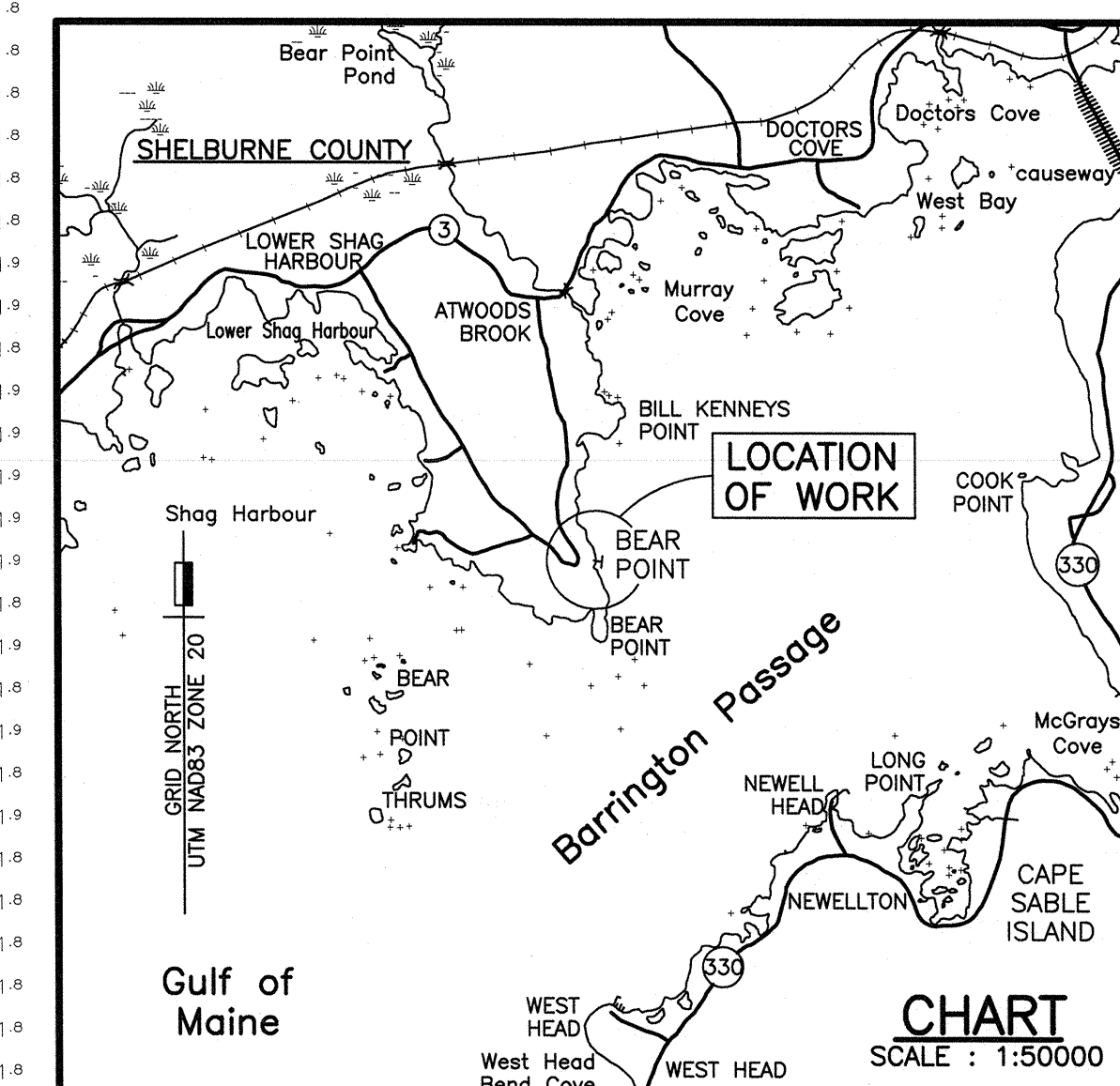
GENERAL NOTES

- THE WORK UNDER THIS CONTRACT CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - REMOVAL OF EXISTING TIMBER CRIBWORK/PILEWORK STEM, INCLUDING EXCAVATION AND DISPOSAL OF ALL MATERIALS WITHIN THE REMOVAL AREA.
 - CONSTRUCTION OF NEW TIMBER CRIBWORK WHARF, INCLUDING REINFORCED CONCRETE RETAINING WALL, DECK AND WHEEL GUARD.
 - SUPPLY AND PLACEMENT OF RIP RAP SLOPE PROTECTION AND SCOUR PROTECTION.
 - SUPPLY AND PLACEMENT OF GRANULAR MATERIALS AND CONSTRUCTION OF GRAVEL SERVICE AREA TO SLOPES AND GRADES INDICATED ON PLANS.
- ELEVATIONS REFER TO PWGSC BENCHMARK "PT. C", WHICH IS LOCATED ON TOP OF EXISTING CONCRETE GUARD, WHERE INDICATED ON SITE PLAN, WITH AN ELEVATION OF 4.78 METRES ABOVE CHART DATUM. AS THIS BENCHMARK WILL BECOME COMPROMISED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR IS TO ESTABLISH A PERMANENT BENCHMARK ON SITE TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
- CHART DATUM IS, BY INTERNATIONAL AGREEMENT, A PLANE BELOW WHICH THE TIDE WILL SELDOM FALL. THE CANADIAN HYDROGRAPHIC SERVICE HAS ADOPTED THE PLANE OF LOWEST NORMAL TIDE (L.N.T.) AS CHART DATUM. AS THE RISE, FALL AND RANGE OF TIDES VARIES DAILY, THE CANADIAN TIDE AND CURRENT TABLES, AS ISSUED BY THE CANADIAN HYDROGRAPHIC SERVICE, SHOULD BE CONSULTED FOR TIDAL PREDICTIONS AND OTHER TIDAL INFORMATION RELATING TO WORK.
- THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE SITE AND TO HAVE BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO COMMENCING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE DEPARTMENTAL REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PLAN BEFORE STARTING WORK.
- CONSTRUCTION CONTROL COORDINATES
THE CONTRACTOR IS TO ESTABLISH A CONSTRUCTION BASELINE TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE. THE CONSTRUCTION BASELINE, AS INDICATED ON PLAN, MUST BE MAINTAINED DURING THE PERIOD OF CONSTRUCTION. THE NEW STRUCTURES WILL BE LOCATED USING THIS REFERENCE LINE.
- ENSURE THAT NO DAMAGE OCCURS TO OTHER EXISTING STRUCTURES ON THE SITE AS A RESULT OF OPERATIONS. ANY SAID DAMAGE WILL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- EXISTING ELECTRICAL SERVICE
SERVICE PANEL AND CONDUIT TO BE PROTECTED. STABILIZE AND SHORE UP AS NECESSARY TO ENSURE NO DAMAGE OCCURS TO EXISTING COMPONENTS. SEE ELECTRICAL DRAWINGS FOR DETAILS.
- EXISTING BUILDING
ENSURE CONSTRUCTION ACTIVITIES DO NOT UNDERMINE OR DAMAGE EXISTING BUILDING STRUCTURES.

| REMOVAL COORDINATES | | |
|---------------------|---------------|-----------------|
| MARK | EASTING | NORTHING |
| A | E 285 223.370 | N 4 818 304.245 |
| B | E 285 223.809 | N 4 818 314.966 |
| C | E 285 260.778 | N 4 818 313.454 |
| D | E 285 260.339 | N 4 818 302.733 |

LEGEND

- BM BENCHMARK
- △A CONTROL POINT
- + NAVIGATION LIGHT
- ⊕A COORDINATE POINT
- MOORING CLEAT
- ├ LADDER
- PP UTILITY POLE



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| 0 | ISSUED FOR TENDER | MAY 1 2018 |
| revisions | | date |

project
**WHARF RECONSTRUCTION
401 AND 402
BEAR POINT
SHELBURNE COUNTY
NOVA SCOTIA**

STRUCTURE 401 SITE PLAN EXISTING CONDITIONS AND REMOVALS

designed M.HIMMELMAN
date APRIL 2018
drawn S.GRACE
date APRIL 2018
approved
date
Tender
PWGSC Project Manager
project number
R.097263.001

no. du projet
Sht.1
drawing no. no. du dessin