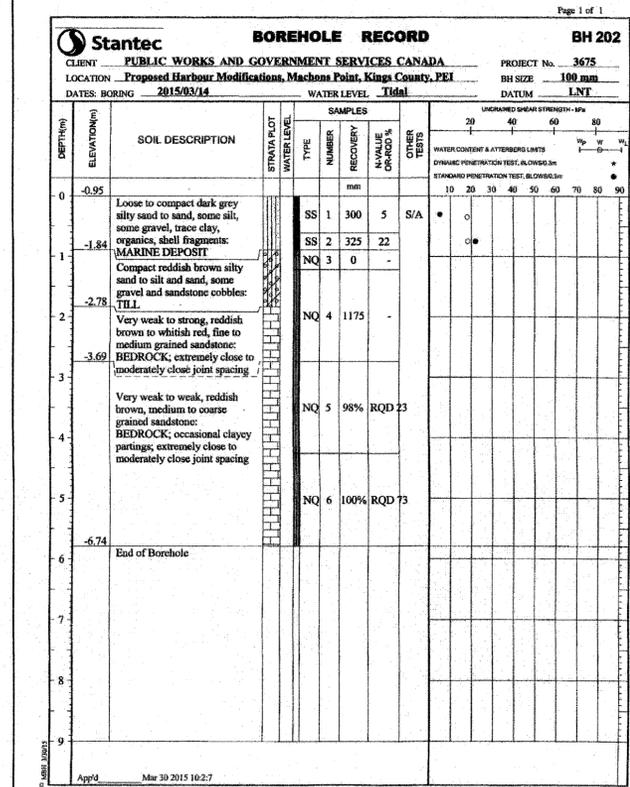
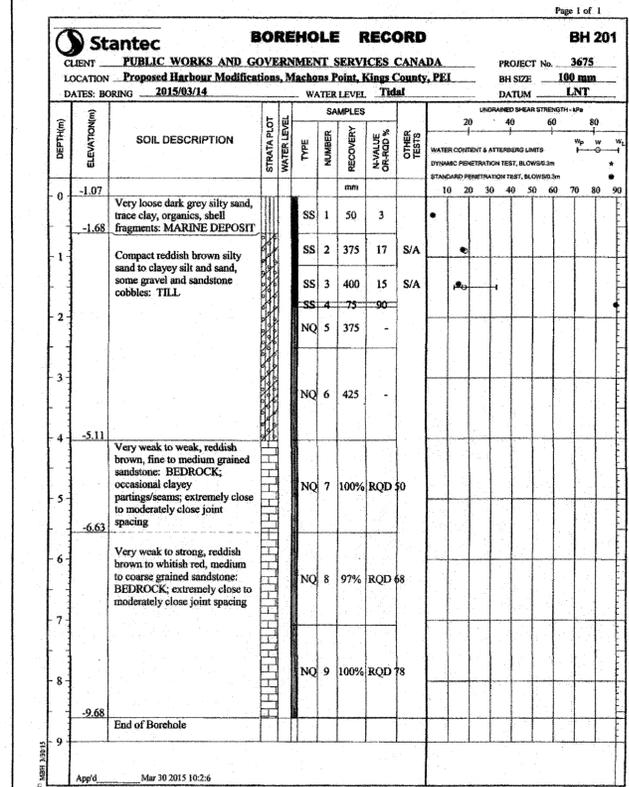


SECTION - EXISTING PIER 401 A  
 SCALE: 1:50



- NOTES:
- SECTION A/2 SHOWS A TYPICAL BENT FROM THE ORIGINAL 1963 WHARF CONSTRUCTION DRAWINGS.
  - STEEL REINFORCING WAS ADDED IN 1986 TO THE CAP BEAMS AND PILES DUE TO SEVERE SECTION LOSS.
  - IN 1995, NEW BENTS WERE ADDED ALONGSIDE EACH EXISTING BENT AND CONSISTED OF THE SAME BENT CONSTRUCTION AS THE ORIGINAL WHARF IN 1963. THESE ADDITIONAL BENTS ARE TO BE REMOVED ALSO. NO EXTRA STEEL REINFORCING WAS ADDED TO THESE BENTS.
  - ALL EXISTING IN-FIELD STRUCTURAL ELEMENTS MAY NOT BE SHOWN BUT ALL ARE TO BE REMOVED.
  - THERE IS SEVERE CORROSION OF THE EXISTING STEEL H-PILES AND ALL OTHER STEEL MEMBERS. THIS PILE CORROSION MAY COMPLICATE THE REMOVAL OF PILES. ALL PILES ARE TO BE REMOVED FULL DEPTH.
  - THIS SECTION OF WHARF HAS BEEN BARRICADED TO ALL LOADING AND CANNOT BEAR ANY LOADING TO CARRY OUT DEMOLITION AND/OR CONSTRUCTION.
  - REMOVE ALL SEDIMENT, DEBRIS, SANDSTONE, FILL AND/OR STRUCTURAL MATERIAL (OTHER THAN PILES) TO GRADED ADJACENT HARBOUR BOTTOM. DISPOSE OF IN A PROVINCIALLY APPROVED MANNER.
- REMOVAL NOTES:
- REMOVE PIER 401 AS NOTED AND DISPOSE OF ALL MATERIALS. REMOVE MATERIAL UNDER PIER 401 TO GRADE OF ADJACENT MARINE BOTTOM.
  - REMOVE ALL STEEL PILES FULL DEPTH.
  - DO NOT CAUSE DAMAGE TO ADJACENT STRUCTURES. IF DAMAGE OCCURS, REPAIR TO CONDITION EQUAL TO OR BETTER THAN PRIOR TO CONSTRUCTION.

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

PROFESSIONAL ENGINEER  
 Jody L. MacLeod  
 No. 872  
 Prince Edward Island

SURVEY NOTES:  
 1. FIELD SURVEYS WERE CARRIED OUT BY CBCL LIMITED ON NOVEMBER 29, 2013. THE DATA IS VALID ONLY ON THE DATE TAKEN.  
 2. BATHYMETRIC SURVEY WAS PROVIDED BY PWGSC AND WAS CARRIED OUT ON SEPTEMBER 17, 2009.

SURVEY PARTY CHIEF: PAUL SCOTT  
 SURVEY DATE(S): NOVEMBER 29, 2013  
 LAND SURVEY EQUIP.: LEICA 900 GPS  
 CONTROL POINTS: UTM ZONE 20 NAD83 (VALUES)

| POINT NAME | EASTING    | NORTHING    | ELEV.   | DESCRIPTION                       |
|------------|------------|-------------|---------|-----------------------------------|
| DECK       | 537649.417 | 5095663.715 | +2.89m  | PWGSC CONTROL                     |
| BM         | 537597.146 | 5095666.735 | +3.284m | SITE BENCHMARK (SPIKE IN ASPHALT) |
| HUB        | 537582.526 | 5095715.439 | +4.10m  | CBCL CONTROL (SPIKE IN RAMP)      |

- BOREHOLE NOTES:
- BOREHOLE LOGS BH201 AND BH202 DATED MARCH 14, 2015 AND BH-01 DATED DECEMBER 14/2009 WERE EXTRACTED FROM GEOTECHNICAL INVESTIGATION JOB NO. 121618169 BY STANTEC CONSULTING LTD., DATED MARCH 30, 2015.
  - BOREHOLE LOG 101 DATED JUNE 3, 2014 WAS EXTRACTED FROM GEOTECHNICAL INVESTIGATION JOB NO. 121617709 BY STANTEC CONSULTING LTD., DATED JUNE 17, 2014
  - FOR OTHER INFORMATION REGARDING BOREHOLES, A COPY OF THE COMPLETE GEOTECHNICAL INVESTIGATION REPORT IS INCLUDED AS AN APPENDIX IN THE PROJECT SPECIFICATIONS.
  - THE BOREHOLE DATA AND INFORMATION PERTAINING TO SOILS IS FURNISHED BY THE DEPARTMENT REPRESENTATIVE FOR INFORMATION ONLY. THE BOREHOLE DATA IS NOT TO BE INTERPRETED AS DESCRIPTIVE OF CONDITIONS AT LOCATIONS.
  - BOREHOLE LOCATIONS ARE SHOWN ON DRAWING 1.

|                                       |                                  |               |
|---------------------------------------|----------------------------------|---------------|
| 0                                     | ISSUED FOR TENDER                | 01/22 2016    |
| revisions                             |                                  | date          |
| project                               | MACHON'S POINT MARGINAL WHARF    | project       |
|                                       | MURRAY HARBOUR KINGS COUNTY, PEI |               |
| drawing                               |                                  | design        |
| BOREHOLE SUMMARY AND PIER 401 REMOVAL |                                  |               |
| designed                              | K. McCARTHY                      | congru        |
| date                                  | AUGUST, 2015                     |               |
| drawn                                 | J. PEMBERTON                     | dessiné       |
| date                                  | AUGUST, 2015                     |               |
| approved                              | J. MACLEOD                       | approuvé      |
| date                                  | DECEMBER, 2015                   |               |
| Tender                                | Jody L. MacLeod                  | Submission    |
| PWGSC Project Manager                 | Administrateur de projets TPSGC  |               |
| project number                        | R.077232.001                     | no. du projet |
| drawing no.                           | 2 OF 7                           | no. du dessin |