

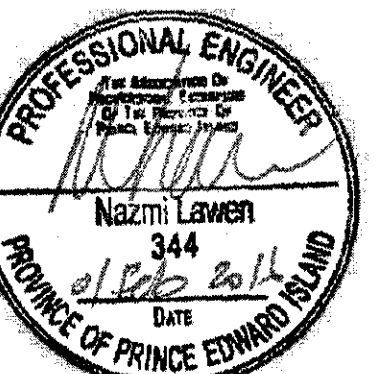
LOCATION MAP  
N.T.S.

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LEGEND

- Ⓟ POWER POLE
- Ⓛ BH-01 BORE HOLE
- Ⓜ SITE BM SITE BENCH MARK
- + 2.508 EXISTING ELEVATIONS
- + -1.775 SOUNDINGS



revision	date
A	A detail no.
B	B location drawing no.
C	C location drawing no.
	C drawing no.

project  
**WHARF 410P  
CONSTRUCTION  
ANNANDALE HARBOUR  
KINGS COUNTY, PEI**

drawing  
**NEW SITE PLAN,  
WHARF PLAN  
AND SECTIONS**

designed N.L. P.Eng  
date 26 January 2016  
drawn S.P.M.  
date 26 January 2016  
approved  
date  
Tender  
PWSC Project Manager, Administrateur de projets TPSGC  
project number  
**R.077227.001**  
drawing no.  
**M3 OF 6**

WHARF DESIGN NOTES:

- NEW CONSTRUCTION AS SHOWN IS DESIGNED FOR 15.0 kN/m<sup>2</sup> UNIFORMLY DISTRIBUTED LOAD.
- PLACE TIE RODS ALONG BOTTOM OF PVC PIPE. CONNECT PVC PIPE TO NEW STEEL WALES IN A MANNER APPROVED BY ENGINEER.
- ALL 150mm DIA. PVC PIPE SHALL BE GASKETED. INJECT WATER PROOFING COMPOUND AT EACH END OF PVC PIPE FOLLOWING PLACEMENT.
- PROVIDE TIGHT CONNECTION BETWEEN 150mm PIPE & CHANNEL WALES.
- ALL PVC PIPE TO BE DR35.
- CONTRACTOR TO SUPPLY ALL STEEL WALES ONE METER LONGER THAN SHOWN ON DRAWINGS. CUT WALES TO SUIT FOLLOWING DETERMINATION OF ACTUAL DIMENSIONS & LOCATION OF STEEL SHEET PILE CONNECTION POINTS.
- ALL CONCRETE WORK TO BE IN ACCORDANCE WITH CAN CSA A23.1, A23.2 & A23.3.
- CONCRETE CLASS OF EXPOSURE: C1 MIN. COMPRESSIVE STRENGTH @ 28 DAYS = 35 MPa.
- COVER TO CONCRETE REINFORCING: 75mm UNO.
- REGRADE SURFACES NEAR NEW WORK W/ GRAVEL TO ENSURE PROPER DRAINAGE & NO SURFACE PONDING.

PILES & STRUCTURAL STEEL NOTES:

- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH NATIONAL BUILDING CODE OF CANADA, APPLICABLE STANDARDS & REGULATION (LATEST EDITIONS APPLY).
- ALL STEEL WORK TO BE IN ACCORDANCE WITH CAN/CSA S16.1.
- ALL STEEL TO BE NEW STOCK AND CONFORM TO G40.21M - G350W.
- FASTENERS: ASTM A325 OR ASTM A307 AS NOTED ON THE DRAWINGS.
- ALL WELDING IN ACCORDANCE WITH W59 & BY CERTIFIED WELDERS.
- DIAMETER OF HOLES IN BEARING PLATES & WASHERS TO ACCEPT BOLTS AND TIE RODS TO BE A MAXIMUM OF 3mm GREATER THAN THE DIAMETER OF THE BOLTS OR TIE RODS.
- CONTINUOUS INTERLOCKING STEEL Z SECTION: MIN Fy= 350 MPa; MIN EFFECTIVE SECTION MODULUS= 1640 cm<sup>3</sup>; MIN FLANGE THICKNESS= 12.2mm.
- PILES SHALL BE DRIVEN TO TIP ELEVATIONS AS SHOWN ON ELEVATIONS DRAWING M4.

TIMBER NOTES:

- ALL TIMBER TO BE TREATED TO CAN/CSA-080 SERIES M-89 FOR MARINE CONSTRUCTION COASTAL WATER, UNO.
- FASTENERS: ASTM A307 ANCHOR RODS. SIZE AS INDICATED ON THE DRAWINGS.
- GALVANIZE ALL HARDWARE TO CSA G164-M1981, MIN ZINC COATING OF 700 g/m<sup>2</sup> UNO.

