

LOCATION MAP N.T.S.



Charlottetown, P.E.I., Canada, C1A 7L3  
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LEGEND

- ⊙ POWER POLE
- BH-01 BORE HOLE
- ⊙ SITE BM SITE BENCH MARK
- + 2.308 EXISTING ELEVATIONS
- + -1.775 SOUNDINGS



WHARF DESIGN NOTES:

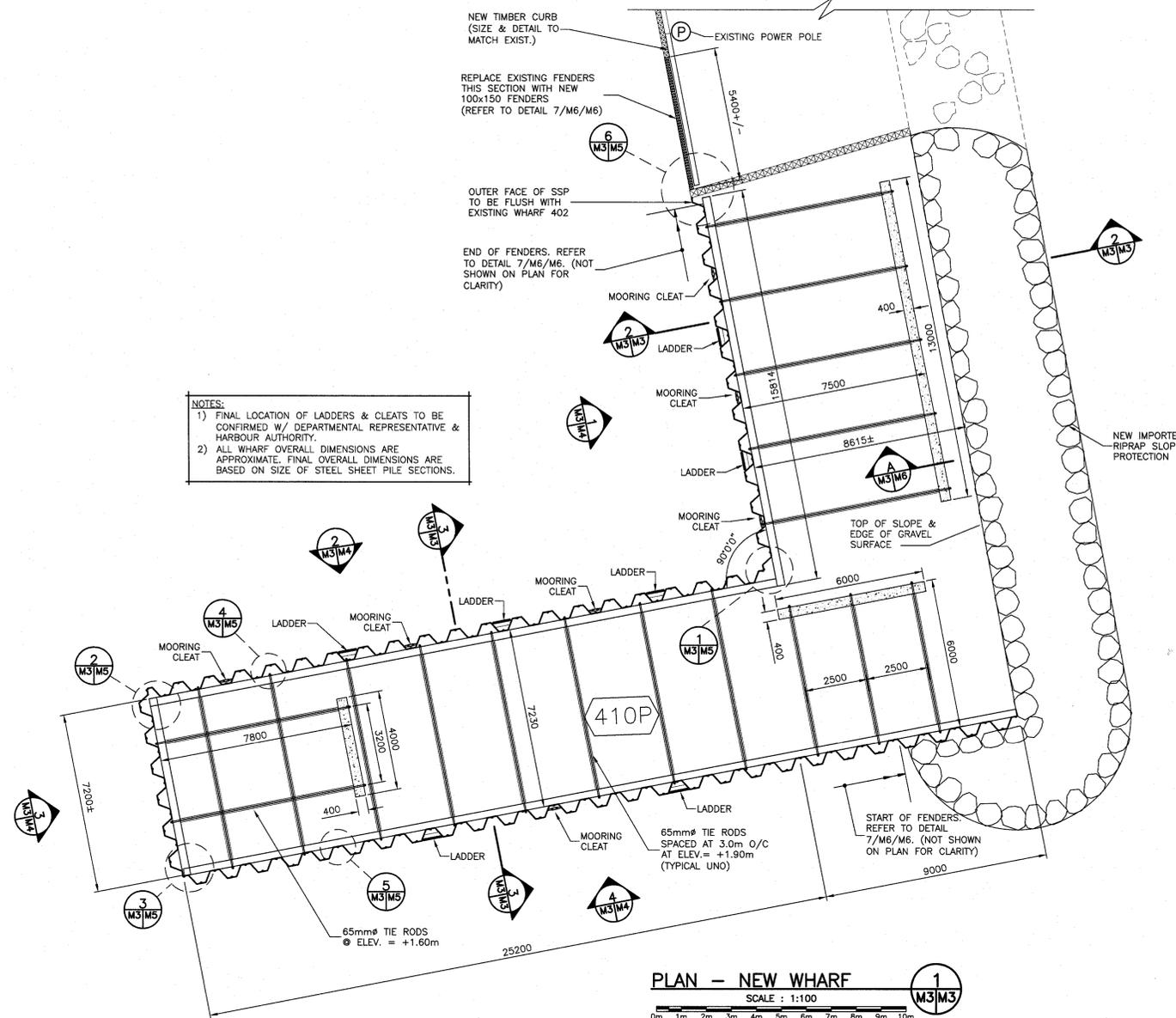
1. NEW CONSTRUCTION AS SHOWN IS DESIGNED FOR 15.0 kN/m<sup>2</sup> UNIFORMLY DISTRIBUTED LOAD.
2. PLACE TIE RODS ALONG BOTTOM OF PVC PIPE. CONNECT PVC PIPE TO NEW STEEL WALES IN A MANNER APPROVED BY ENGINEER.
3. ALL 150mm DIA. PVC PIPE SHALL BE GASKETED. INJECT WATER PROOFING COMPOUND AT EACH END OF PVC PIPE FOLLOWING PLACEMENT.
4. PROVIDE TIGHT CONNECTION BETWEEN 150mm PIPE & CHANNEL WALES.
5. ALL PVC PIPE TO BE DR35.
6. 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.
7. ALL CONCRETE WORK TO BE IN ACCORDANCE WITH CAN CSA A23.1, A23.2 & A23.3.
8. CONCRETE CLASS OF EXPOSURE: C1 MIN. COMPRESSIVE STRENGTH @ 28 DAYS = 35 MPa.
9. COVER TO CONCRETE REINFORCING: 75mm UNO.
10. REGRADE SURFACES NEAR NEW WORK W/ GRAVEL TO ENSURE PROPER DRAINAGE & NO SURFACE PONDING.

PILES & STRUCTURAL STEEL NOTES:

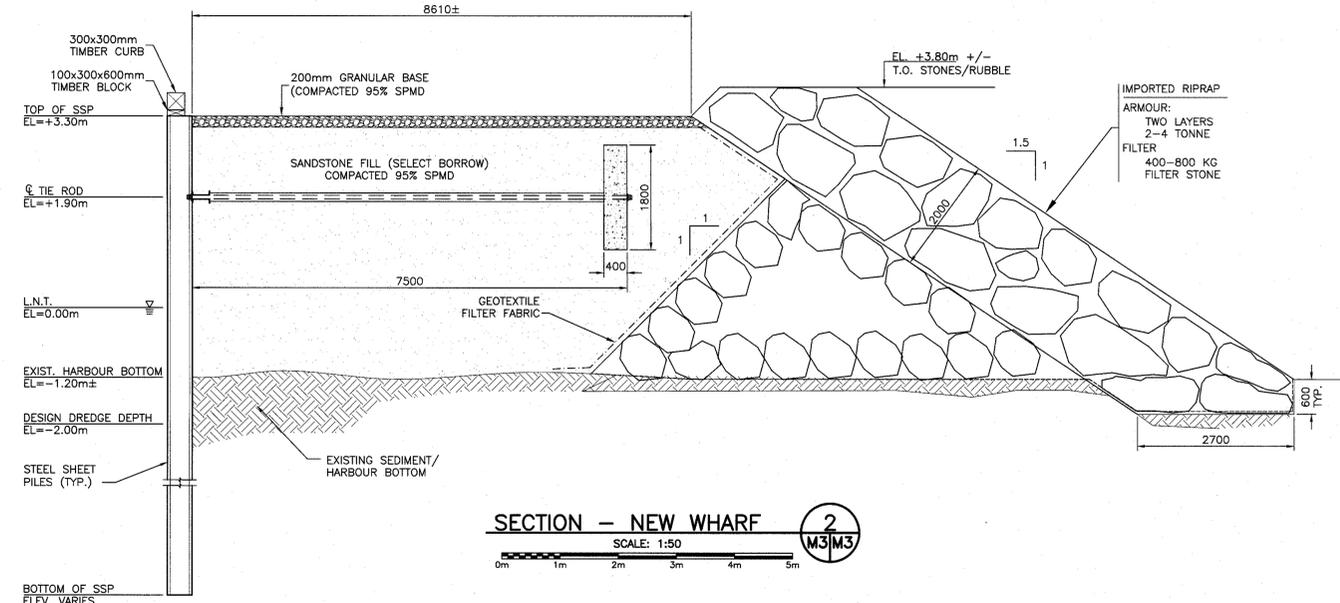
1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH NATIONAL BUILDING CODE OF CANADA, APPLICABLE STANDARDS & REGULATION (LATEST EDITIONS APPLY).
2. ALL STEEL WORK TO BE IN ACCORDANCE WITH CAN/CSA S16.1.
3. ALL STEEL TO BE NEW STOCK AND CONFORM TO G40.21M - Gr 350W.
4. FASTENERS: ASTM A325 OR ASTM A307 AS NOTED ON THE DRAWINGS.
5. ALL WELDING IN ACCORDANCE WITH W59 & BY CERTIFIED WELDERS.
6. 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.
7. CONTINUOUS INTERLOCKING STEEL Z SECTION: MIN Fy= 350 MPa; MIN EFFECTIVE SECTION MODULUS= 1640 cm<sup>3</sup>; MIN FLANGE THICKNESS= 12.2mm.
8. PILES SHALL BE DRIVEN TO TIP ELEVATIONS AS SHOWN ON ELEVATIONS DRAWING M4.

TIMBER NOTES:

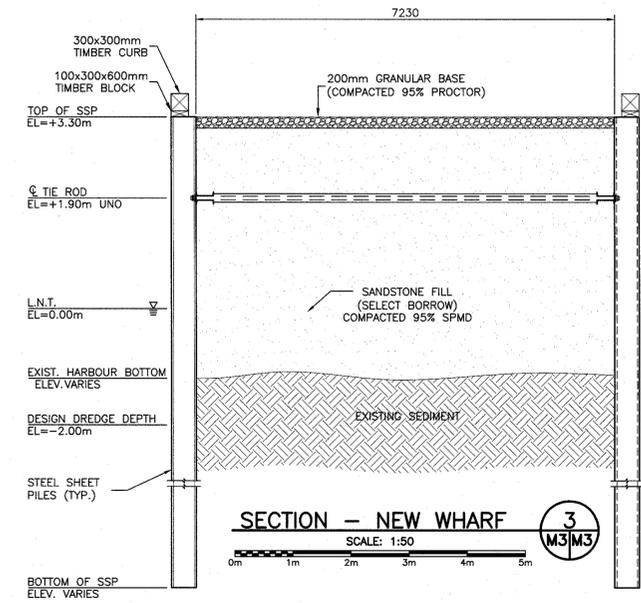
1. ALL TIMBER TO BE TREATED TO CAN/CSA-080 SERIES M-89 FOR MARINE CONSTRUCTION COASTAL WATER, UNO.
2. FASTENERS: ASTM A307 ANCHOR RODS. SIZE AS INDICATED ON THE DRAWINGS.
3. GALVANIZE ALL HARDWARE TO CSA G164-M1981, MIN ZINC COATING OF 700 g/m<sup>2</sup> UNO.



PLAN - NEW WHARF SCALE: 1:100



SECTION - NEW WHARF SCALE: 1:50



SECTION - NEW WHARF SCALE: 1:50

revision	date
A	
B	
C	

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.  
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 approved [Signature]  
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 PWSC Project Manager Administrateur de projets TPSGC  
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 drawing no. M3 OF 6