



SITE PLAN OF NEW WHARF EXTENSION

SCALE: 1:250



NOTES:

1. DESIGN CRITERIA:
CODE CAN/CSA-S6-06
DESIGN LIVE LOAD SURCHARGE 15kPa
2. DIFFERENTIAL HEAD OF 1.5 m.
3. DESIGN LIFE OF STRUCTURE = 40 YEARS.
4. CONCRETE:
EXPOSURE CLASS C-1 (f' = 35 MPa MIN)
5. REINFORCING STEEL:
TO CSA G30.18 GRADE 400 AND CAN/CSA-S6-06, UNLESS NOTED OTHERWISE
6. CLEAR COVER TO REINFORCING STEEL (UNO) :
CONCRETE CAST AGAINST ROCK OR EARTH FILL 100mm UNO
ALL OTHER FACES 75 mm UNO
7. ANCHOR RODS SHALL CONFORM TO CAN/CSA G40.21, GRADE 300W COMPLETE WITH A563 HEAVY HEX GRADE DH NUTS AND F436 HARDENED STEEL WASHERS.
8. HOT DIP GALVANIZING:
COMPONENTS TO BE HOT DIP GALVANIZED ARE TO RECEIVE A MINIMUM ZINC COATING OF 610 g/m² MEETING THE REQUIREMENTS OF CAN/CSA-G146, UNO.
9. ALL BARS, ANGLE SHAPES AND STEEL PLATES SHALL CONFORM TO CAN/CSA G40.21 M GRADE 300W UNLESS NOTED OTHERWISE.
10. STEEL SHEET PILE (SSP): AZ26-700 TO ASTM A572 GRADE 3.
11. FIELD CUTTING, WELDING AND DRILLING OF SSP
 - .1 CUTTING WITH TORCHES IS PERMITTED ONLY AT THE FINAL CUT OFF ELEVATION FOR SSP THAT WILL BE ENCASED IN CONCRETE. BURNING OF HOLES IN SSP IS NOT PERMITTED.
 - .2 WELDING IS PERMITTED FOR THE ATTACHMENT OF THE CUTTING SHOES AND SPECIFICALLY INDICATED ON THE DRAWINGS. NO OTHER WELDING IS PERMITTED.

NO OTHER WELDING IS PERMITTED ON SSP
12. DRILLING HOLES IN SSP: ALL HOLES IN SSP FOR BOLTS, TIE RODS AND REINFORCING STEEL SHALL BE DRILLED WITH AN ELECTROMAGNETIC DRILL. HOLES ARE NOT TO BE BURNED WITH A TORCH.
13. WELDING DRIVING SHOES ON SSP:
 - .1 WELDING TO CSA W59-13.
 - .2 WELDING ELECTRODES E49XX
 - .3 SHOES TO BE FLAME CUT TO LENGTH AND WELDED TO BOTTOM OF SSP SECTION AS DETAILED ON DRAWINGS
14. REPAIR AND MAKE GOOD EXISTING WHARF DECK WHERE REMOVED TO COMPLETE THE WORKS WITH 100 mm THICKNESS OF TYPE C ASPHALT PAVEMENT SUPPLIED, PLACED AND COMPACTED IN ACCORDANCE WITH THE NEW BRUNSWICK DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE STANDARD SPECIFICATIONS.
15. ALL DIMENSIONS ARE IN MILLIMETRES.
16. ALL COORDINATES AND ELEVATIONS ARE IN METRES.

LEGEND

- ALT - ALTERNATE
- Az - AZIMUTH
- BOT - BOTTOM
- CD - CHART DATUM
- CL - CLEAR
- CIP - CAST IN PLACE
- CONC - CONCRETE
- CONT - CONTINUOUS
- c/c - CENTRE TO CENTRE
- c/w - COMPLETE WITH
- EL - ELEVATION
- EF - EACH FACE
- EQ - EQUAL
- EW - EACH WAY
- GALV - GALVANIZED
- GR - GRADE
- HHW - HIGHER HIGH WATER
- HNT - HIGH NORMAL TIDE
- HORIZ - HORIZONTAL
- ID - INSIDE DIAMETER
- Lg - LONG
- LHW - LOWER HIGH WATER
- LWOST - LOW WATER OF ORDINARY SPRING TIDES
- MAX - MAXIMUM
- MB - MACHINE BOLT
- MIN - MINIMUM
- OD - OUTSIDE DIAMETER
- REINF - REINFORCING
- c/o - OUTSIDE TO OUTSIDE
- SIM - SIMILAR
- SQ - SQUARE
- SSP - STEEL SHEET PILE
- STIFF - STIFFENER
- T&B - TOP & BOTTOM
- TYP - TYPICAL
- UNO - UNLESS NOTED OTHERWISE
- VERT - VERTICAL
- wp - WORK POINT
- Ø - DIAMETER
- NEW WORK SHOWN SHADED



0	ISSUED FOR TENDER	FEB 4 2016
revisions		date

project
EXTENSION OF EXISTING WHARF
ALMA WHARF
ALBERT COUNTY, NB

drawing
SITE PLAN SHOWING NEW WHARF EXTENSION
dessin

designed	RSD	conçu
date	2016/02/04	
drawn	BJC & TW	dessiné
date	2016/02/04	
approved	RSD	approuvé
date	2016/02/04	
tender		Submission
PWSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
	R.075081.001	
drawing no.		no. du dessin
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