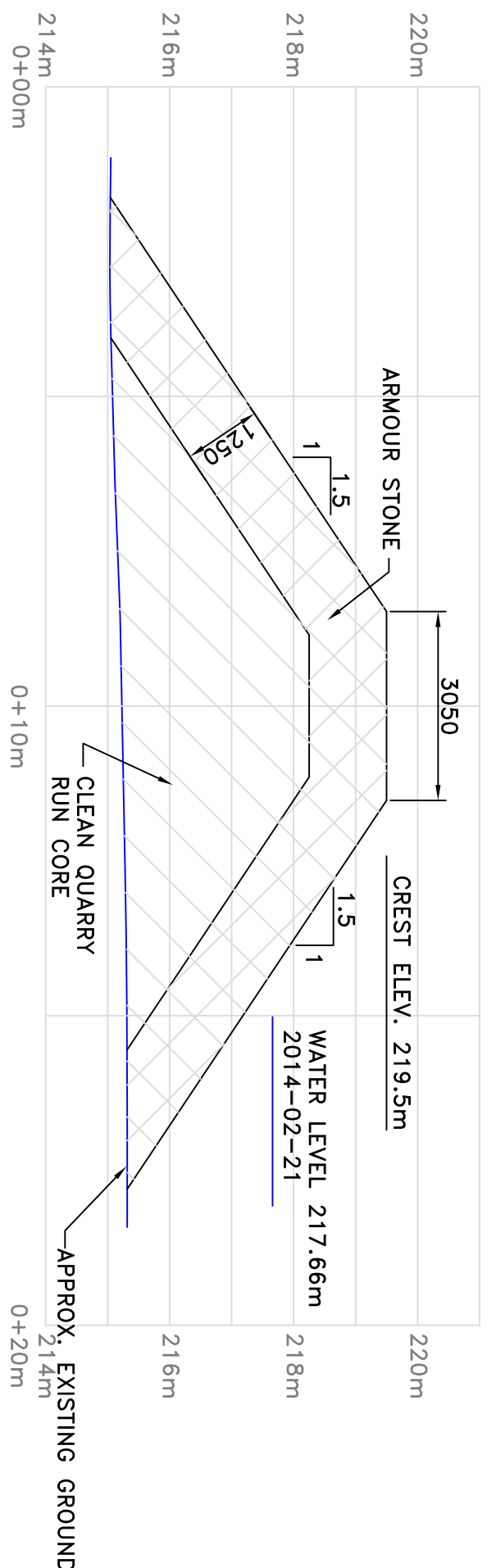
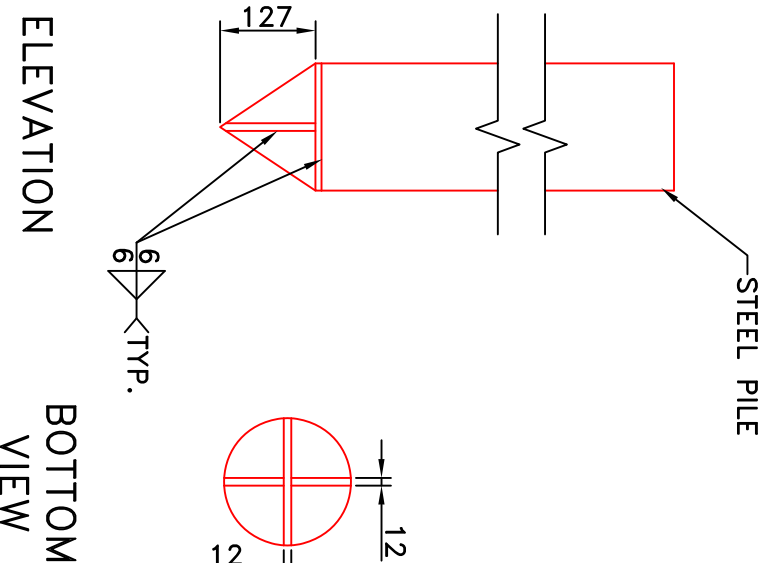


SUPPLY AND INSTALL CONCRETE BASE FOR NAVIGATION LIGHT
SEE DRAWING C-5
SUPPLY AND INSTALL PIPE MAST
SEE DRAWING S-1
NAVIGATION LIGHT
CONTRACTOR TO PICK UP AT
501 UNIVERSITY CRES. WINNIPEG
AND INSTALL ON TOWER

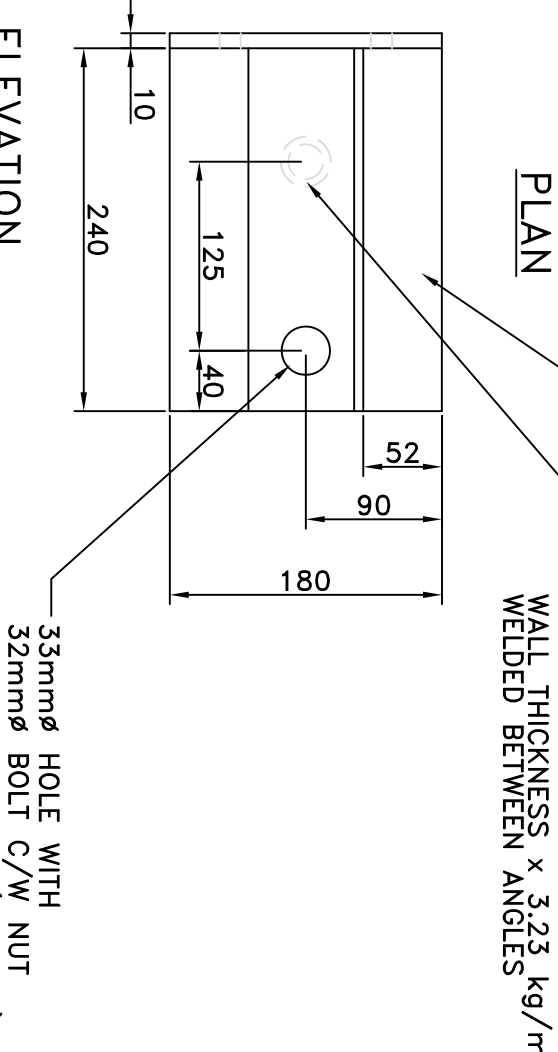
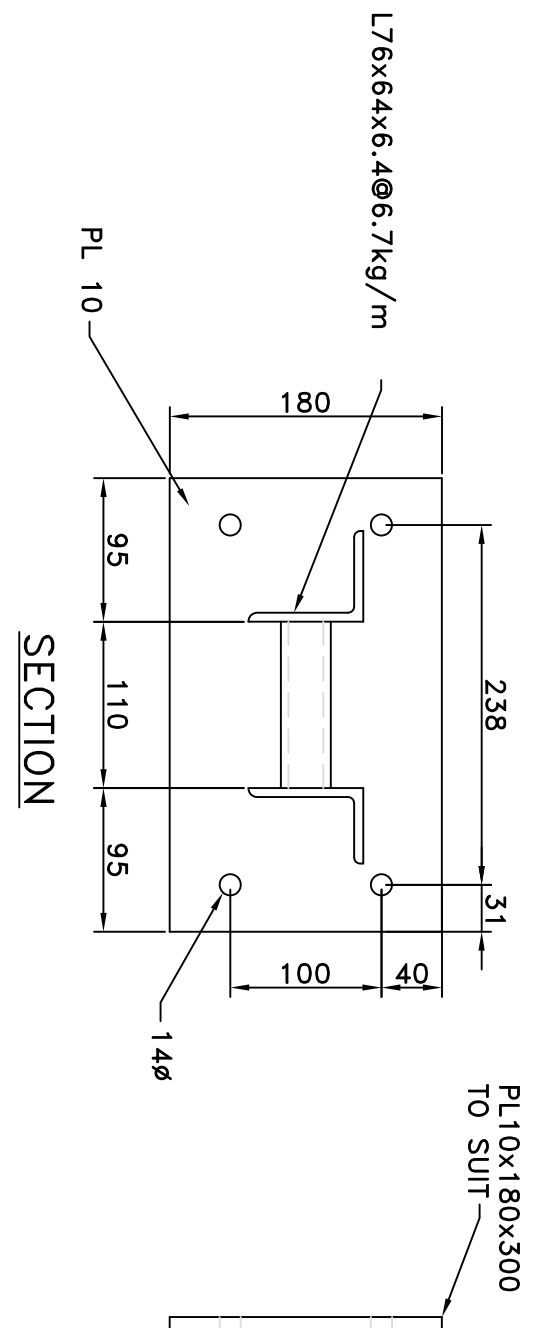
ELEVATION – BREAKWATER
SCALE: 1:100



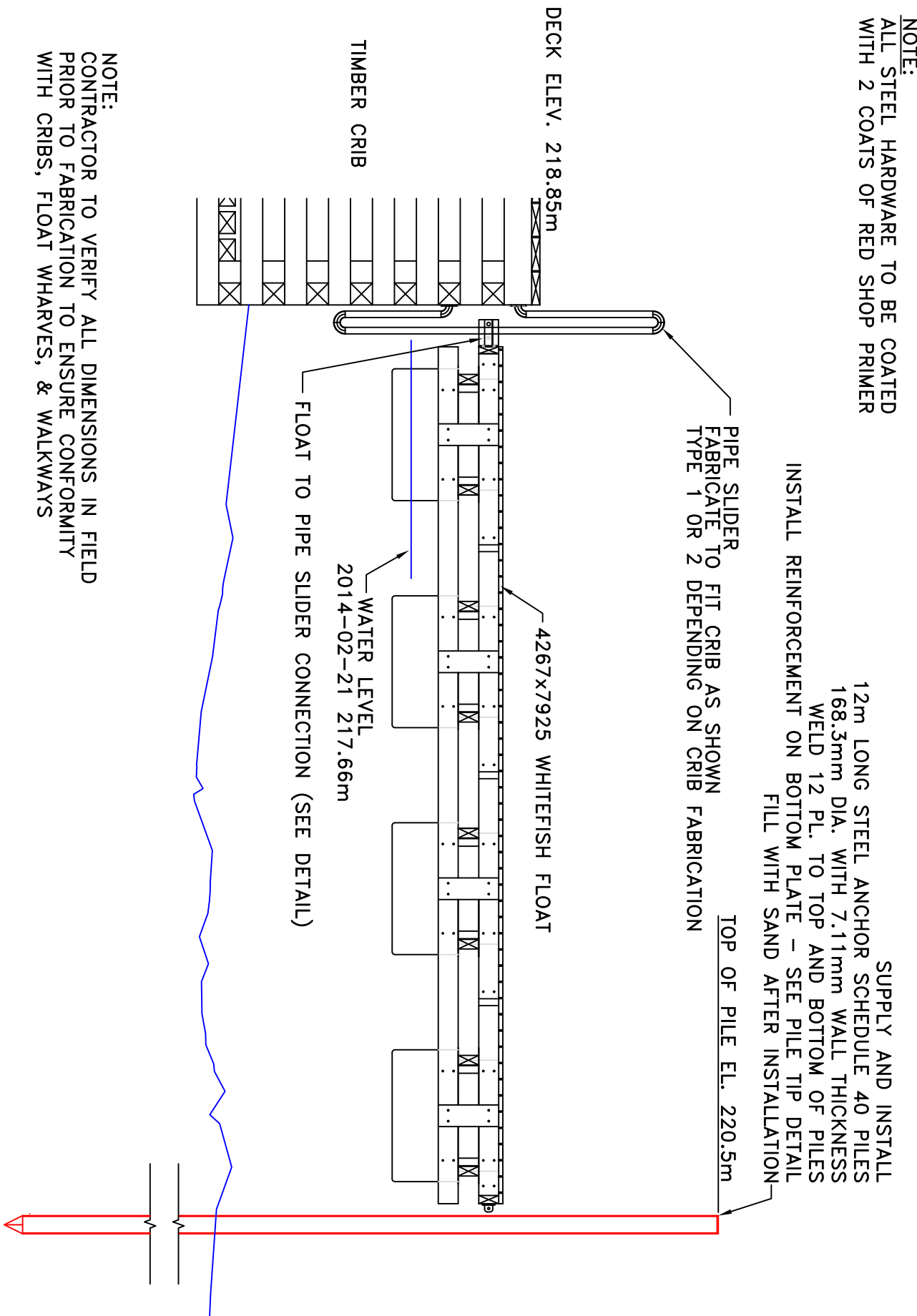
SECTION – BREAKWATER
SCALE: 1:100



PILE TIP DETAIL
SCALE: 1:10

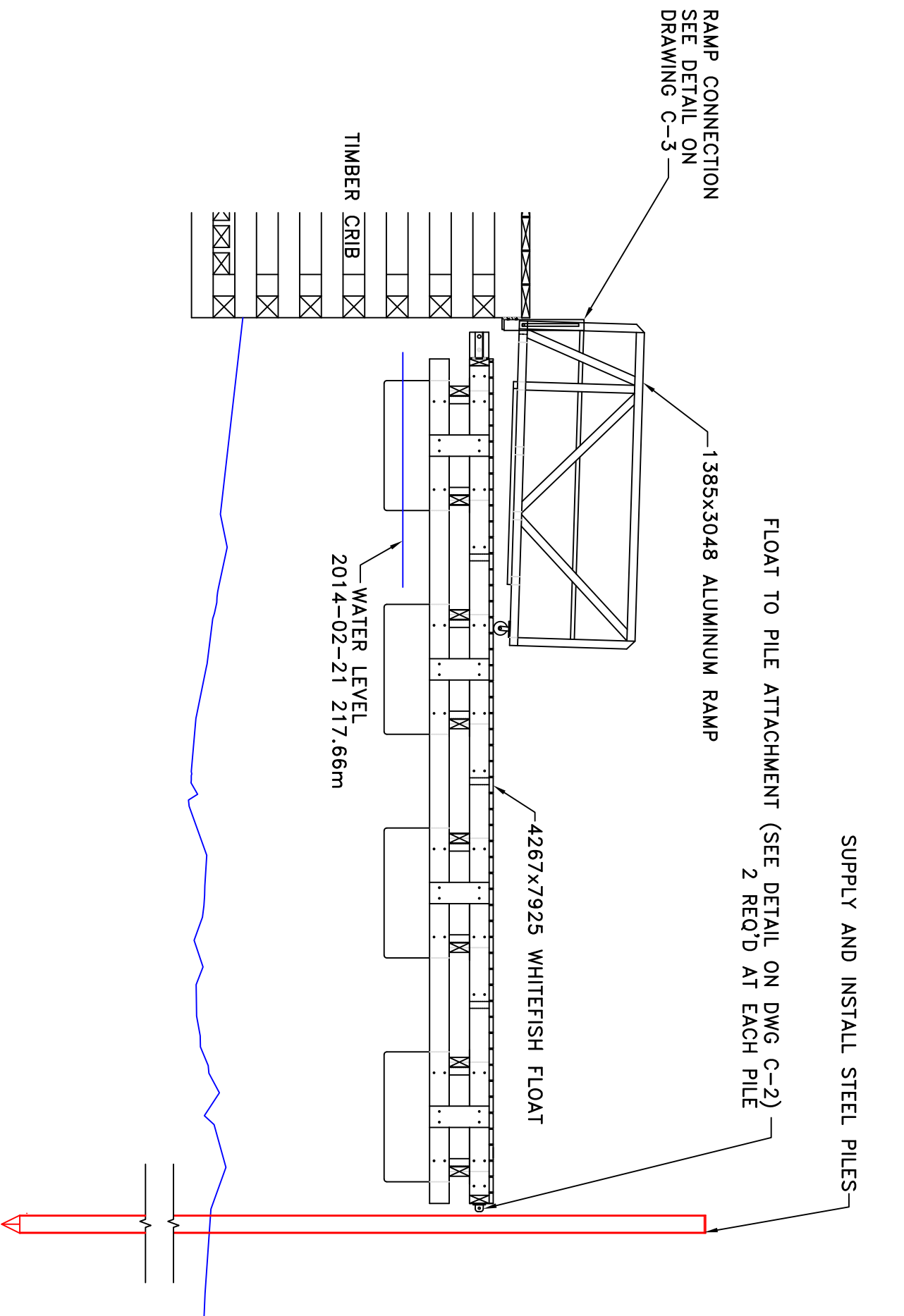


WHITE FISH FLOAT CONNECTION BRACKET (2 REQ'D)
SCALE: 1:5

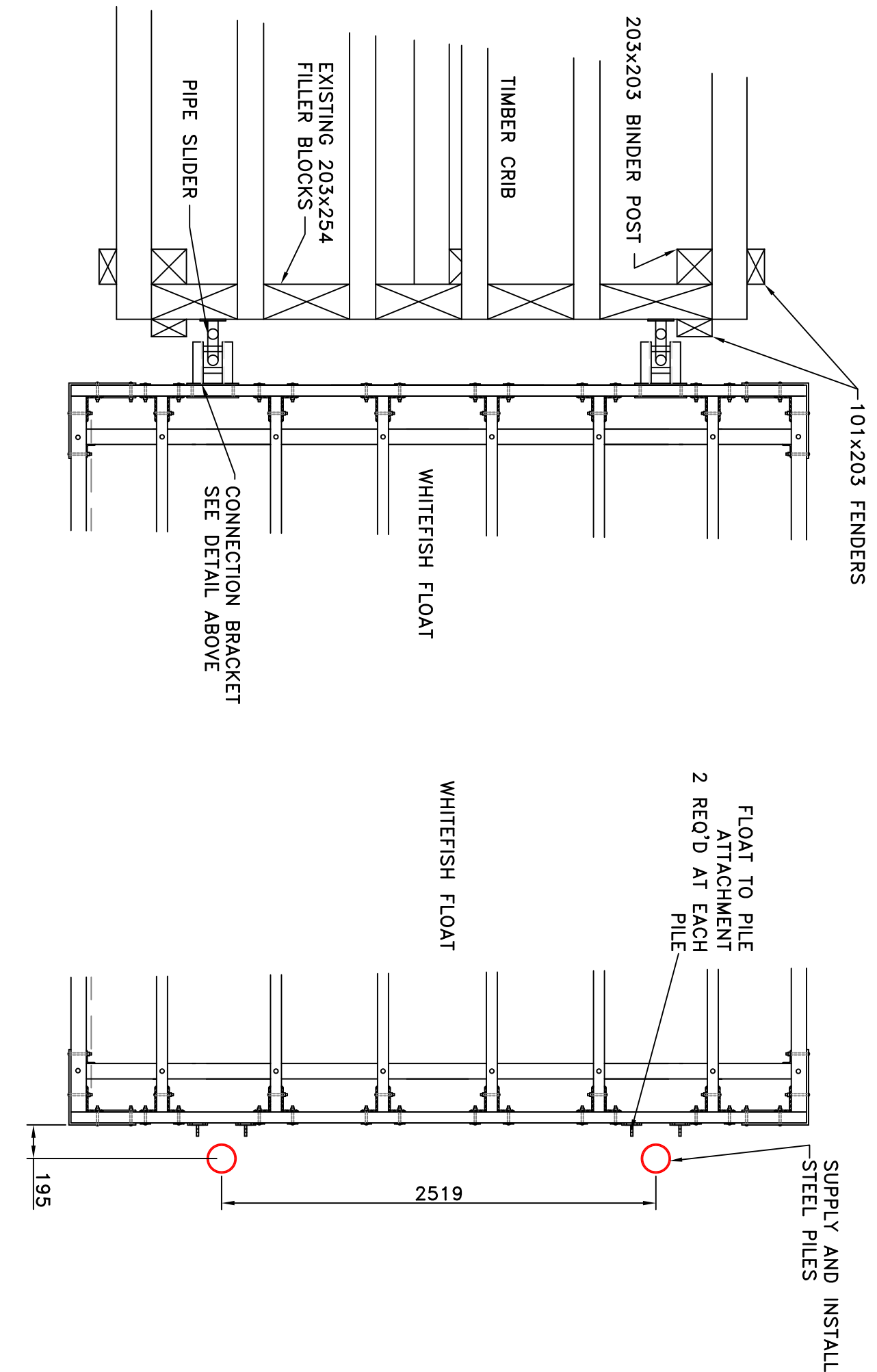


NOTE:
ALL STEEL HARDWARE TO BE COATED WITH 2 COATS OF RED SHOP PRIMER

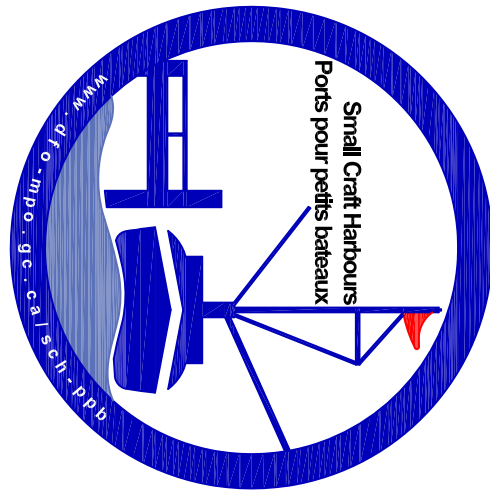
SUPPLY AND INSTALL 12m LONG STEEL ANCHOR SCHEDULE 40 PILES 165.3mm OD WITH 7.1mm WALL THICKNESS WELD 12 PL. TO TOP AND BOTTOM OF PILES INSTALL REINFORCEMENT ON BOTTOM PLATE – SEE PILE TIP DETAIL FILL WITH SAND AFTER INSTALLATION



SUPPLY AND INSTALL STEEL PILES



SUPPLY AND INSTALL STEEL PILES



SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. ELEVATIONS SHOWN ARE IN METRES
 3. ALL CRIB TIMBERS TO BE ROUGH SAWN
 4. CRIB DECKING TO BE ROUGH SAWN
 5. TIMBER JOISTS TO BE 100mm x 100mm
 6. ALL WELDS TO BE 6mm CONTINUOUS FILLET WELDS UNLESS OTHERWISE NOTED
 7. PROVIDE ENGINEER WITH 48 HOURS NOTICE
 8. INSTALLING CRIBS OR BACKFILLING
 9. ALL ALUMINUM RAMP AND FLOAT WHARVES (SEE DRAWING C-5) AT PACKING PLANT SITE
 10. ALUMINUM RAMP TO BE INSTALLED AT PACKING PLANT SITE IS STORED AT HARBOUR SITE - 4877 COAST GUARD YARD IN SELKIRK, MB
 11. AND PRACTICE 1219 x 4875 FLOATS TO CANADIAN CONTRACTOR WILL BE RESPONSIBLE FOR OFF LOADING FLOATS IN SELKIRK, MB
 12. CONTRACTOR TO BE RESPONSIBLE FOR ROCK SUBMISSIONS OF TENDER, INCLUDING TIMELINES FOR PERMITTING

CONSTRUCTION DETAILS

DRAWN:	APPROVED:
SCH	SCH

DATE:	DATE:
SEPTEMBER 2014	SEPTEMBER 2014

LOCATION:
PINE DOCK MANITOBA

DRAWING NO.:	LOCATOR CODE:
C-4 of 5	5537