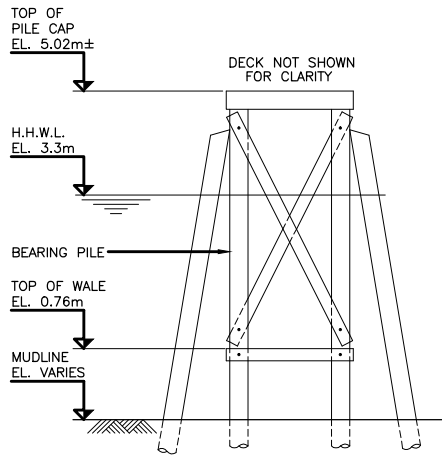


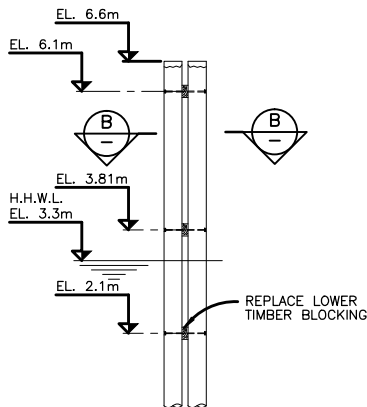
PLAN - GAS JETTY

1:200
NOTE: DIMENSIONS SHOWN
ARE APPROXIMATE AND
FOR REFERENCE ONLY



TYPICAL SECTION @ APPROACH

1:50



ELEVATION OF EAST MOORING DOLPHIN

1:50

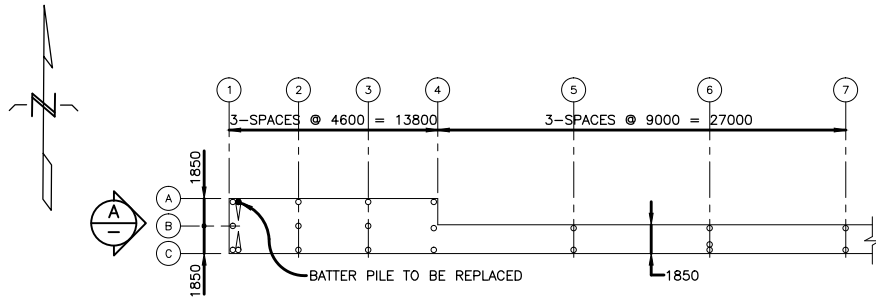
19φ BOLTS
300φ PILES,
TYPICAL
100x200 TIMBER BLOCK,
ENSURE THAT BLOCKING
DOES NOT EXTEND
PAST EDGE OF PILE

SECTION B

1:50

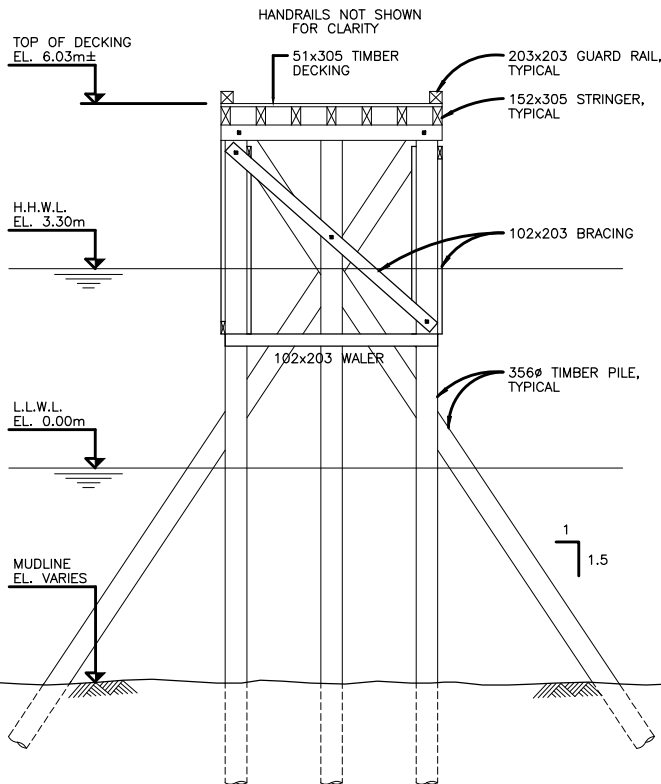
SCOPE OF WORK FOR GAS JETTY

1. REPLACE HORIZONTAL WALER AT BENT 1. WALER SHALL BE 152x203(RGH) TIMBERx2200 LONG. SECURE TO EACH BEARING PILE WITH 1-25φ BOLT.
2. REPLACE FLOAT MOORING PILE E1. PILE SHALL BE 360φ(#14)x18000 LONG AND DRIVEN TO A MINIMUM OF 7.6 METRES. REPLACE ALL CROSS BOLTS WITH NEW AND REPLACE ONE BLOCKING TIMBER. ALL CONNECTION BOLTS SHALL BE COUNTERBORED FLUSH.



PLAN - DREP JETTY

1:200
NOTE: DIMENSIONS SHOWN
ARE APPROXIMATE AND
FOR REFERENCE ONLY



VIEW A

1:50

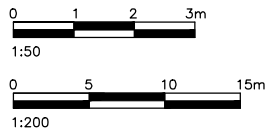
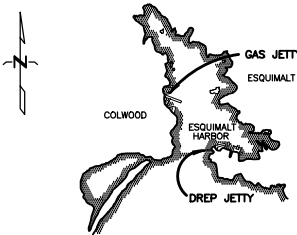
SCOPE OF WORK FOR DREP JETTY

1. REPLACE BATTER PILE AT PILE 1-A. BATTER PILE SHALL BE 360φ(#14)x26000 LONG AND DRIVEN TO A MINIMUM OF 4.5 METRE PENETRATION. REPLACE EXISTING CONNECTION HARDWARE WITH 38φ BOLTS. PLUG REMAINING OPEN BOLT HOLES WITH TREATED TIMBER DOWELS.

NOTES:

1. ELEVATIONS ARE TO LOCAL TIDE AND CHART DATUM. DECK AND MUDLINE ELEVATIONS ARE ESTIMATED BASED ON WATERLEVEL MEASUREMENTS AT THE TIME OF THE INSPECTION.
2. THE CONTRACTOR IS TO VERIFY THE SCOPE OF WORK AND ALL DIMENSIONS PRIOR TO COMMENCING WORK.
3. ALL WORK SHALL CONFORM TO THE BC BUILDING CODE 1992 AND WCB INDUSTRIAL HEALTH AND SAFETY REGULATIONS.
4. SUBMIT DETAILS OF PROPOSED WORK METHODS TO THE ENGINEER FOR APPROVAL PRIOR TO PROCEEDING WITH THE WORK. OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CUTTING, DEMOLISHING, OR REMOVAL OF ANY MATERIAL FROM THE SITE.
5. TIMBER BATTER PILES SHALL BE SIZE 360mm (#14) COAST DOUGLAS FIR IN ACCORDANCE WITH CSA STANDARD 056. PILES SHALL BE GIVEN FULL CELL CREOSOTE OIL TREATMENT TO A NET RETENTION OF 225 KG PER CUBIC METRE (14pcf) IN ACCORDANCE WITH CSA 080.
6. REPLACE ALL BATTER PILE CONNECTING HARDWARE WITH NEW.
7. AFTER CUT-OFF, TREAT TOPS OF ALL TIMBER PILES WITH TWO COATS OF HOT CREOSOTE OIL, AND ONE COAT OF APPROVED MASTIC AT LEAST 6mm THICK. IN ADDITION, TOPS OF ALL PILES SHALL BE COVERED WITH A SHEET OF 22 GAUGE ANNEALED CORROSION RESISTANT ALUMINUM CUT 150mm LARGER THAN THE DIAMETER OF THE PILE TOP. THE OVERHANGING EDGES SHALL BE CRIMPED AND TURNED DOWN AND SECURED TO THE PILES WITH 8 ALUMINUM ROOFING NAILS. THE SHEET SHALL NOT BE CUT TO FACILITATE FITTING. NO CREOSOTE SHALL BE PERMITTED TO SPILL INTO THE WATER.
8. BOLTS, NUTS, AND WASHERS THROUGH TIMBER SHALL CONFORM TO ASTM A307; DRIFT PINS SHALL CONFORM TO CSA G40.21 GRADE 260W; ALL SPIKES, NAILS, AND STAPLES TO CONFORM TO CSA STANDARD B111; AND ALL LAG SCREWS TO CONFORM TO CSA STANDARD B34.
9. ALL MISCELLANEOUS METAL AND FASTENERS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH CSA STANDARD G164 UNLESS NOTED OTHERWISE.
10. UNLESS NOTED OTHERWISE, PLATE WASHERS SHALL BE USED UNDER THE HEADS AND NUTS OF ALL BOLTS BEARING ON TIMBER.
11. ALL REPLACED TIMBERS AND PILES TO BE STORED ON SITE FOR INSPECTION BY ENGINEER PRIOR TO REMOVAL FROM SITE. ENGINEER MAY CONDUCT DESTRUCTIVE TESTING ON REMOVED PILES AND TIMBERS AT HIS DISCRETION.

Headquarters
Quartier général



PF76-96/97-7754

Westmar Consultants Inc.
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96272

SCALE - ÉCHELLE

AS NOTED

PROJECT - PROJET

CFB ESQUIMALT DOCKYARD B.C.

VARIOUS JETTIES AND FLOAT REPAIRS

TRADE - MÉTIER

STRUCTURAL

DATE

96.11.19

SUBJECT - SUJET

DREP AND GAS JETTY
REPAIRS

PRODUCTION

CONCURRENCE - ASSENTIMENT

DESIGNED

ÉTUDIÉ

DRAWN

DESSINÉ

CHECKED

VÉRIFIÉ

COORDINATION

APPROVED BY - APPROUVE PAR

ENG.O.

DWG.NO.-DESSIN NO.

L-E75-9500/2-202

Canada

PRELIMINARY

DO NOT USE FOR CONSTRUCTION