



NTS

LEGEND

- (1) IO'X IO'TIMBER WALES.
- (2) Z'X IZ' TIMBER CATWALK.
- 3 X 12 TIMBER SPACER 8 HIGH FOR TOP WALE AND 10 HIGH FOR OTHER WALES.
- ## SCREW ANCHOR AND BOLT ASSEMBLY CAST W/PILE, COUNTERSINK BOLT HEAD !*(TYP).
- (5) 6 X 19 % & S.S. WIRE ROPE 3 LOOPS REQUIRED.
- 6) WIRE ROPE CLIPS SPACED AT 4/4' MIN -- 3 REQUIRED.
- (7) 2 ID. PVC PIPE SLEEVE.
- (B) I' Ø X IT LONG SCREW ANCHOR AND BOLT ASSEMBLY, CAST W/PILE. COUNTERSINK BOLT HEAD I (TYP).

NOTES

- 1. PILES SHALL BE PRESTRESSED CONCRETE
- 2. BOLTS AND ANCHORS SHALL BE MANUFACTURED BY RICHMOND SCREW ANCHOR CO. INC. OR APPROVED EQUAL.
- 3, ALL BOLTS, WASHERS, SCREW ANCHORS AND CABLE CUPS SHALL BE STANLESS STEEL (S.S.) AND AS FOLLOWS:
 - A BOLTS AND SCREW ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A93,CLASS IB,GRADE BBMN.
 - B. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A994,GRADE BMN.
 - C.WASHERS AND WIRE ROPE CUPS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A94,GRADE BUN.
- 4. ALL PIPE SLEEVES SHALL BE OF POLYVINYL CHLORIDE, (PVC).
- 5. ALL TIMBER SHALL BE ROUGH.
- 6. WALES TO BE CUT IN FIELD, JOINTS TO BE AS SHOWN.

DESIGN LOAD: DEAD LOAD PLUS 65 PSF (SERVICE LOAD) FOR WIND AND WAVE ACTION

PRESTRESSED CONCRETE PILING SHALL HAVE A BEARING VALUE OF 20 TONS.

TIMBER WALES SHALL BE CONTINUOUS OVER A MINIMUM OF 2 SUPPORTS. SEE DETAILS FOR ALTERNATIVE SPLICES. SPLICE LOCATIONS SHALL ALTERNATE BETWEEN ADJACENT WALES, WITH NO MORE THAN 4 SPLICES PERMITTED AT THE SAME LOCATION. WALES SHALL HAVE A MINIMUM LENGTH OF 12 FEET.