

1'-5" CAP BETWEEN BUMPER AT SECTION JOINT TYP
 1'-5" MOORING CLEAT CENTERED BETWEEN C12 SUPPORTS AND SPACED 12'-0" O.C. PROVIDE 6"x18" INSPECTION PORT ON BACK SIDE OF HSS.

DOCK PLAN
 0' 2' 4'
 SCALE

PLAN NOTES

1. ATTACH TREATED 2x4 TO TOP FLANGE OF CHANNELS USING SELF TAPPING SCREWS (MIN SIZE NO.3) AS REQUIRED BY CONTRACTOR, TYP.
2. PROVIDE WOOD BLOCKING BETWEEN C12 SUPPORTS, ATTACH USING 2 1/2" DIAMETER BOLTS. PROVIDE CONNECTION BETWEEN 4 CONSECUTIVE SECTIONS.

GENERAL NOTES

DESIGN CRITERIA
 DOCK DESIGNED IN CONFORMANCE WITH UNITED FACILITIES CRITERIA(UFC) 4-102-07M, MIL-HDBK 1025/5, CHAPTER 2.

1. DECK LOAD 100 PSF
2. WIND LOAD 280 LBS/FT
3. IMPACT LOAD 30,000 LBS

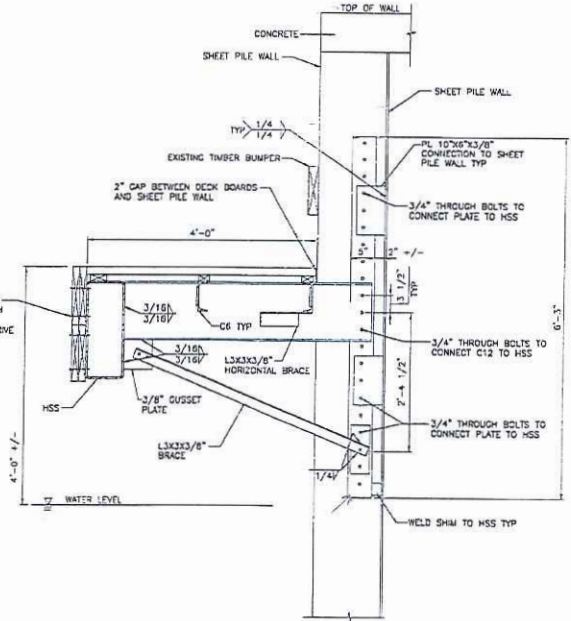
METALS

1. STRUCTURAL STEEL SHAPES:
 - A. C SHAPES ASTM A36
 - B. L SHAPES ASTM A36
 - C. HSS SQUARE SHAPES ASTM A500, GRADE B, 46 KSI
 - D. PLATES ASTM A36
 - E. HSS/SHEET PILE WALL ANGLE TO MATCH SHEET PILE WALL
2. CONNECTING ANGLE ASTM A325
3. CONNECTION BOLTS FOR STEEL MEMBERS ASTM A307, GALVANIZED
4. ALL STEEL MEMBERS SHALL BE HOT DIPPED GALVANIZED FOLLOWING FABRICATION.
5. ALL SCREWS, BOLTS, AND NAILS USED FOR CONSTRUCTION SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.
6. WELD STRUCTURAL STEEL WITH E70 ELECTRODES IN ACCORDANCE WITH A.S.T.M. REQUIREMENTS.
7. GALVANIZED STEEL SURFACES IN CONTACT WITH EXISTING STEEL SHALL HAVE A COAL TAR EPOXY COATING APPLIED TO THE SURFACE IN CONTACT WITH EXISTING STEEL.

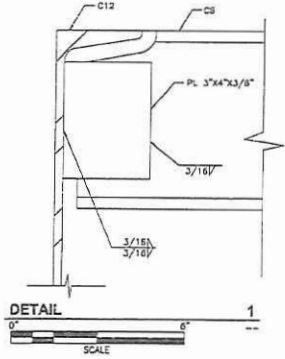
WOOD

1. ALL WOOD TO BE #2 OR BETTER TREATED SOUTHERN PINE OR DOUGLAS FIR.
2. PRESERVATIVE TREATMENT: AQUAGUARD COPPER QUATERNARY(AQO).
3. ALL WOOD FASTENERS SHALL BE STAINLESS STEEL.

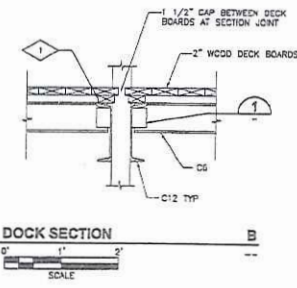
CONTRACTOR RESPONSIBLE FOR ALL DAMAGE TO EXISTING STRUCTURE.



DOCK SECTION
 0' 1' 2'
 SCALE



DETAIL 1
 0' 1' 2'
 SCALE



DOCK SECTION
 0' 1' 2'
 SCALE

NO.	REVISIONS	DATE
1	PERSON MODIFICATIONS	02-18-08
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South Pier Fixed Dock
 Sheboygan, WI
 Bid No. 2317-R

DOCK LAYOUT

DATE	01-21-2008
PROJECT NO	102856
FILE NO	S-2.DWG
SHEET NO	02
DRAWING NO	S-2

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