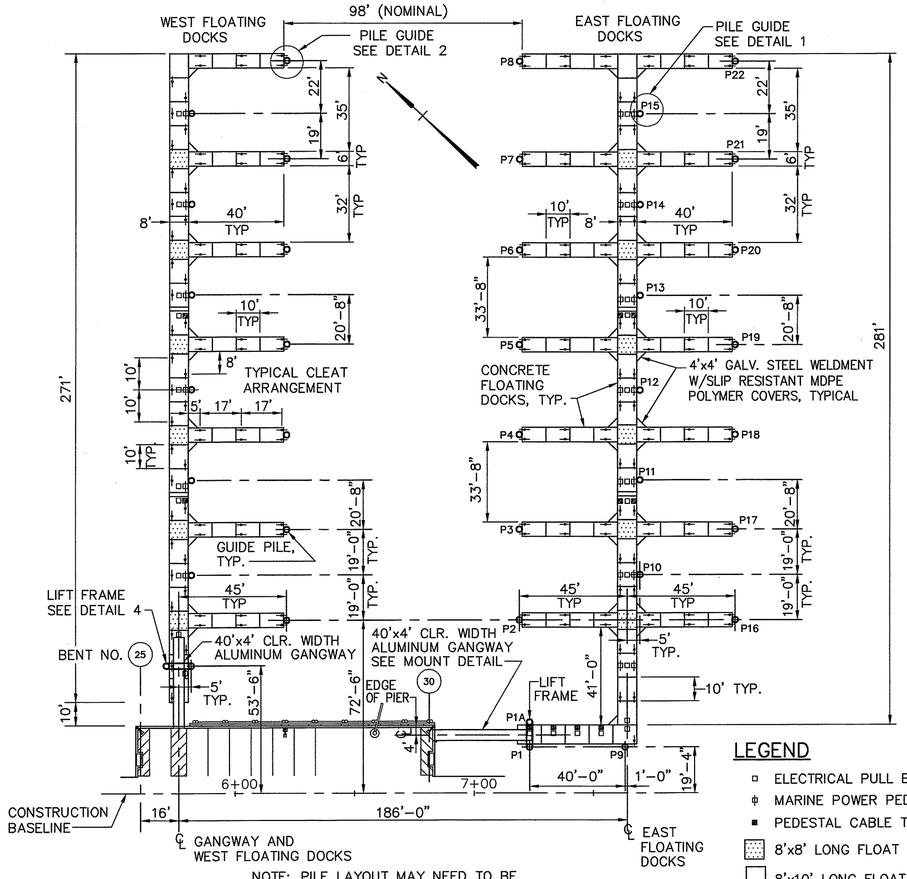


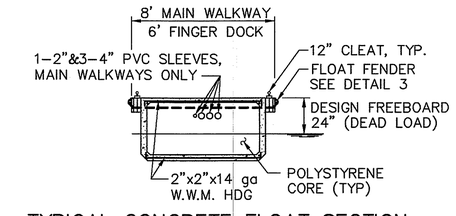
NOTE: PILE LAYOUT MAY NEED TO BE ADJUSTED TO SUIT FLOATS PROVIDED

DECK PLAN – FLOATING DOCKS

SCALE: 1"=30'

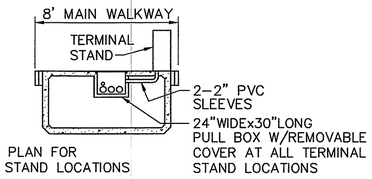
LEGEND

- ▫ ELECTRICAL PULL BOX
- ⊕ MARINE POWER PEDESTAL
- ▪ PEDESTAL CABLE TERMINAL STAND
- 8'x8' LONG FLOAT SECTION
- 8'x10' LONG FLOAT SECTION
- 6'x10' LONG FLOAT SECTION
- P2 ○ PILE DESIGNATION
- ○ GUIDE PILE 10.75"OD, 10.0"ID, WEST DOCK
- ○ GUIDE PILE 12.75"OD, 12.0"ID, EAST DOCK
- ┤ 12" CLEAT



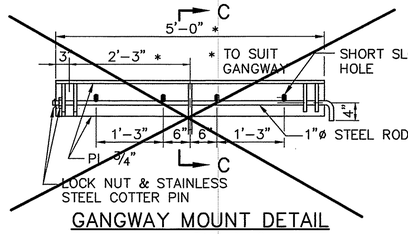
TYPICAL CONCRETE FLOAT SECTION

SCALE: 1/4"=1'–0"



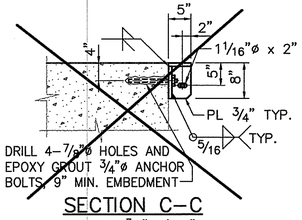
FLOAT SECTION AT TERMINAL STAND

SCALE: 1/4"=1'–0"



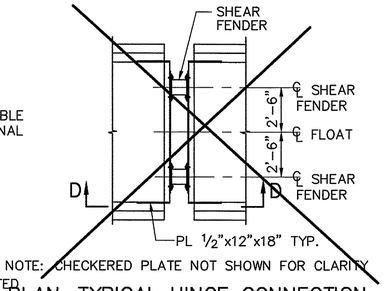
GANGWAY MOUNT DETAIL

SCALE: ¾"=1'–0"



SECTION C–C

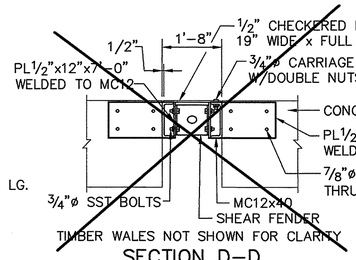
SCALE: ¾"=1'–0"



NOTE: CHECKERED PLATE NOT SHOWN FOR CLARITY

PLAN–TYPICAL HINGE CONNECTION

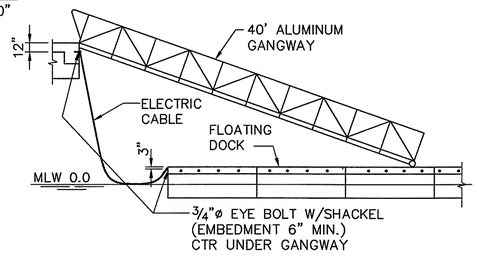
SCALE: ¼"=1'–0"



TIMBER WALES NOT SHOWN FOR CLARITY

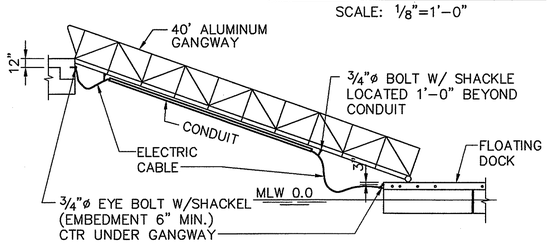
SECTION D–D

SCALE: ½"=1'–0"



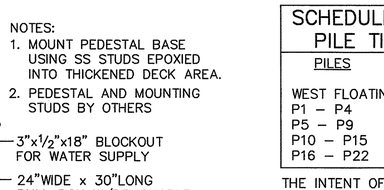
WEST GANGWAY ELEVATION

SCALE: ⅛"=1'–0"



EAST GANGWAY ELEVATION

SCALE: ⅛"=1'–0"



NOTES:
1. MOUNT PEDESTAL BASE USING SS STUDS EPOXIED INTO THICKENED DECK AREA.
2. PEDESTAL AND MOUNTING STUDS BY OTHERS

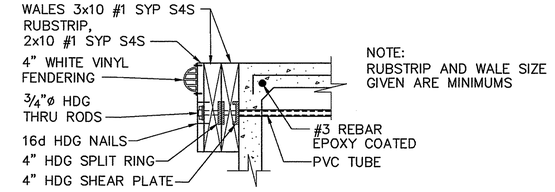
FLOAT SECTION AT POWER PEDESTAL

SCALE: ¼=1'–0"

SCHEDULE OF ESTIMATED PILE TIP ELEVATIONS

PILES	TIP ELEVATION
WEST FLOATING DOCK	–28.0
P1 – P4	–28.0
P5 – P9	–31.0
P10 – P15	–34.0
P16 – P22	–36.0

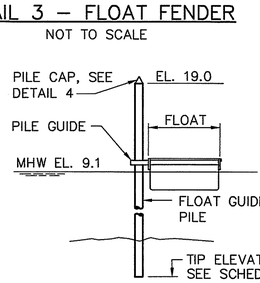
THE INTENT OF THIS SCHEDULE IS TO PROVIDE A BASIS FOR BIDDING ONLY. THE PILES SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS TO THE REQUIRED DESIGN CAPACITIES. DUE TO VARYING SOIL CONDITIONS, ACTUAL TIP ELEVATIONS WILL DEVIATE FROM THIS SCHEDULE.



NOTE: RUBSTRIP AND WALE SIZE GIVEN ARE MINIMUMS

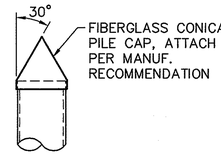
DETAIL 3 – FLOAT FENDER

NOT TO SCALE



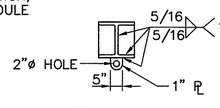
TYPICAL SECTION

SCALE: 1/8"=1'–0"



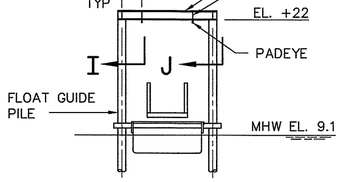
DETAIL 4

SCALE: ¾"=1'–0"



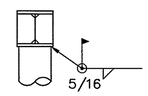
SECTION I–I

SCALE: ½"=1'–0"



DETAIL 4 – LIFT FRAME

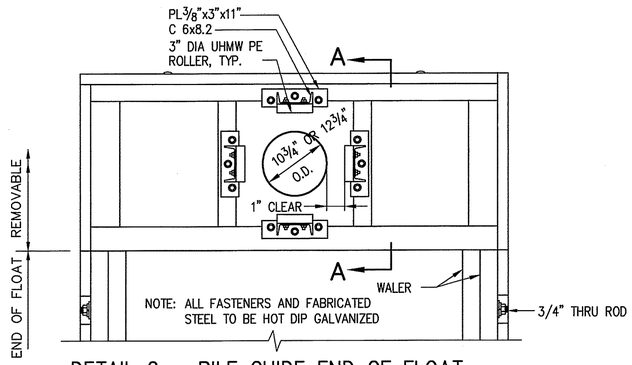
SCALE: 1/8"=1'–0"



SECTION J–J

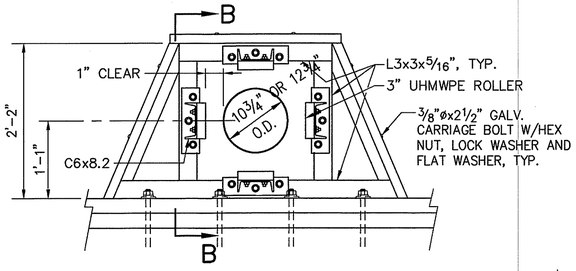
SCALE: ½"=1'–0"

NOTES:
1. CONCRETE SHALL BE LIGHTWEIGHT, WEIGHING NO MORE THAN 115 PCF WITH A COMPRESSIVE STRENGTH OF 3000 psi
2. ALL TIMBER SHALL BE #1 SYP S4S AND TREATED WITH CCA TO A RETENTION OF .6 LBS.
3. CONCRETE FLOATING DOCK DIMENSIONS ARE APPROXIMATE ACTUAL DIMENSIONS MAY VARY DEPENDING ON MANUFACTURER.

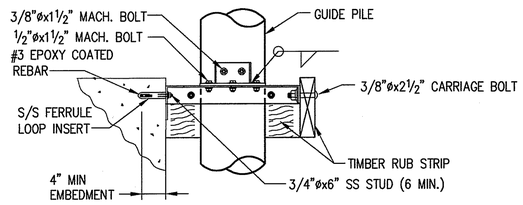


NOTE: ALL FASTENERS AND FABRICATED STEEL TO BE HOT DIP GALVANIZED

DETAIL 2 – PILE GUIDE END OF FLOAT

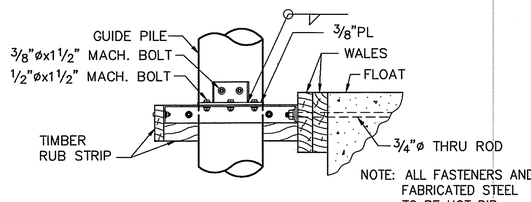


DETAIL 1– PILE GUIDE



SECTION A–A

SCALE: 1'= 1'–0"



NOTE: ALL FASTENERS AND FABRICATED STEEL TO BE HOT DIP GALVANIZED

SECTION B–B

SCALE: 1"=1'–0"

REV.	DATE	DESCRIPTION	BY	CHK.	APP'D.
	OCT. 03	REVISED, AS–BUILT	RWT	DWH	

TOWN OF PROVINCETOWN
PROVINCETOWN, MASSACHUSETTS

MACMILLAN PIER RECONSTRUCTION

FLOATING DOCKS PLAN & DETAILS

FAY, SPOFFORD & THORNDIKE, INC., ENGINEERS

FS&T DRAWING NUMBER	SCALE: AS NOTED	DES. MN	CHK. DWH	APPROVED
TP–090	DATE: DECEMBER 1999	DR. RHL	PROJ. ENGR. DPA	

SHEET NO. 33 OF 66

R:\TP–090A\AS–BUILT\33.dwg 10/22/03 11:08 [155.24] By tripp_r