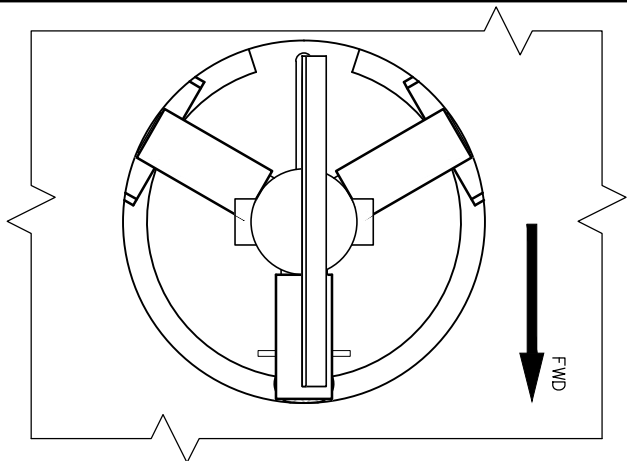
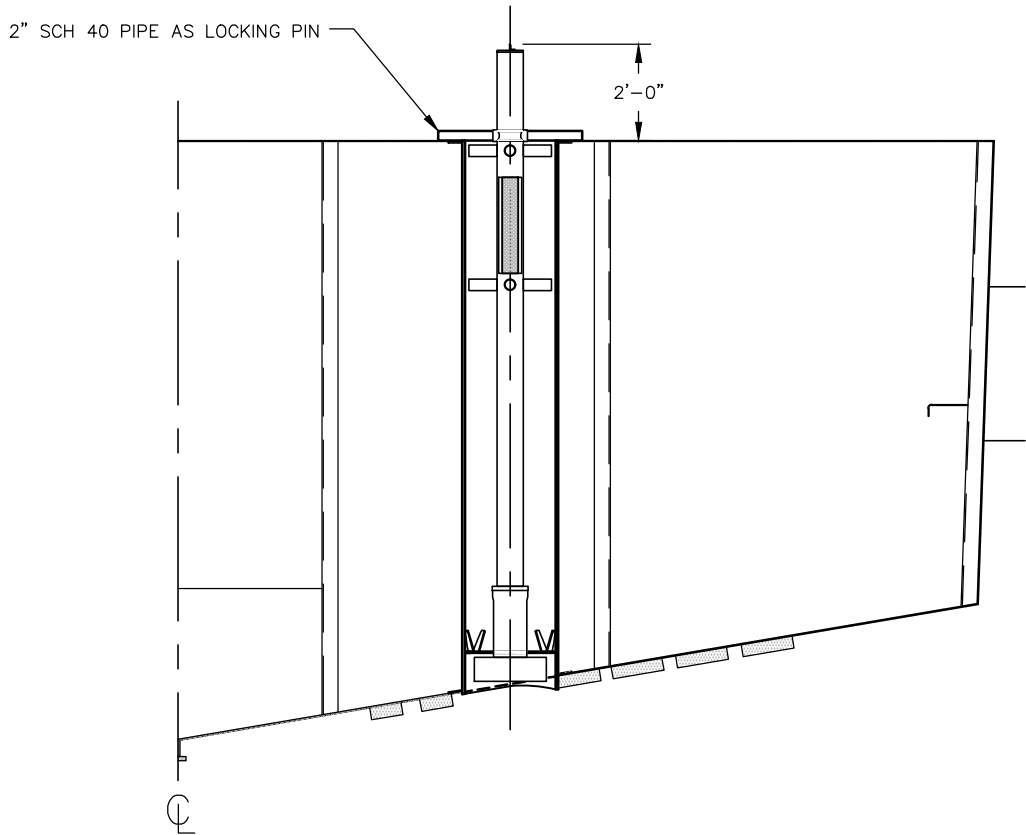


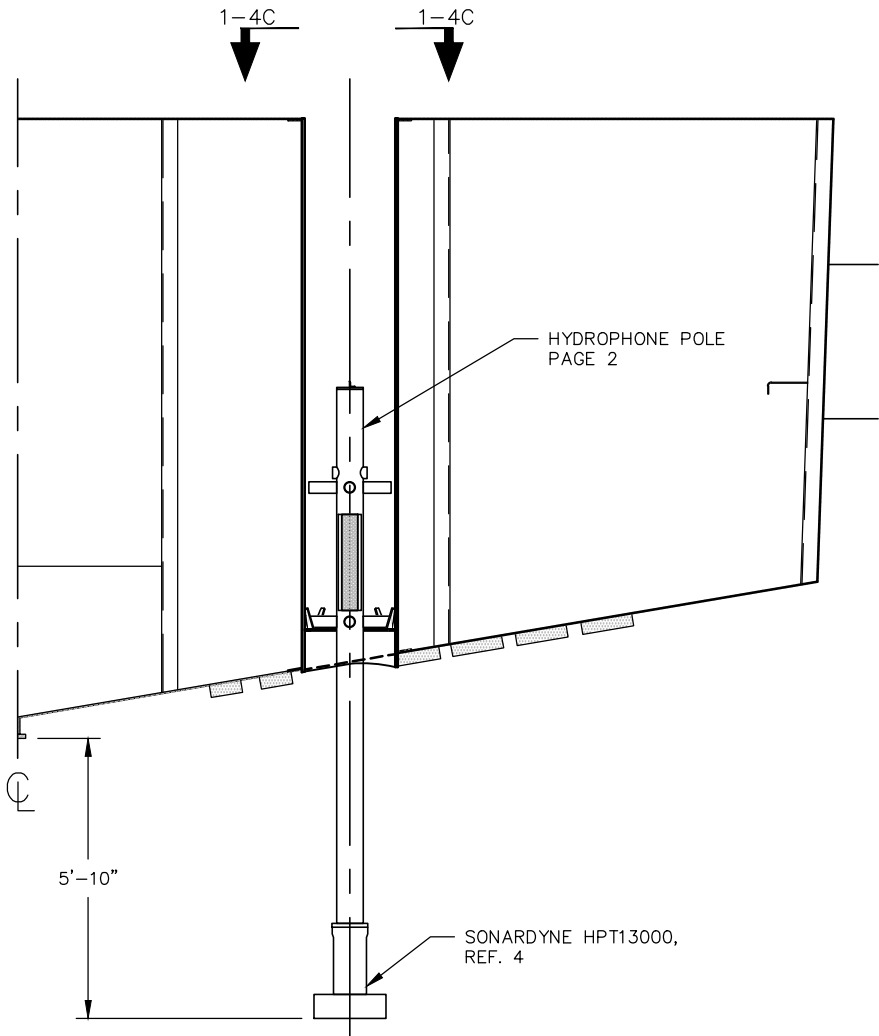
BILL OF MATERIALS							
ID	QTY	SIZE	DESCRIPTION	MATERIAL	SPEC	MFR	PART NO.
1	1	12'-0"	6" SCH 40 PIPE	STEEL	-	-	-
2	1	6'-0"	2½" SCH 40 PIPE	STEEL	-	-	-
3	1	6'-0"	TUBING 3"ID, 3½"OD	UHMW	-	-	-
4	1	2'-0"	WT 5 X 11	STEEL	-	-	-
5	1 SF	1"	PLATE	STEEL	-	-	-
6	1	2'-0"	PNEUMA-SEAL	EP RUBBER	-	PAWLING	PRS705
7	2		CLIP RETAINER	SS	-	PAWLING	PRS818
8	0.5 SF	⅛"	PLATE	STEEL	-	-	-
9	1	3'-0"	2" SCH 40 PIPE	STEEL	-	-	-
10	10	¼"Ø-20	1" NUTS AND BOLTS	SS	-	-	-
11	1	2'-0"	1½" X 1½" X ¼" ANGLE	STEEL	-	-	-
12	1	8'-0"	1"Ø ROUND BAR	STEEL	-	-	-
13	1 SF	½"	PLATE	STEEL	-	-	-



PLAN 1-4C
LOOKING DOWN WHILE DEPLOYED
1" = 1'-0"



SECTION 1-7A
TRANSVERSE SECTION, PORT SIDE
WELL CL, LOOKING AFT
POLE RETRACTED
1/4" = 1'-0"



SECTION 1-4A
TRANSVERSE SECTION, PORT SIDE
WELL CL, LOOKING AFT
POLE DEPLOYED
1/4" = 1'-0"

GENERAL NOTES

- THE INTENT OF THIS DRAWING IS TO DESCRIBE THE CONSTRUCTION OF A NEW HYDROPHONE POLE TO SUIT THE LARGER WELL ON THE PORT SIDE OF THE VESSEL.
- ALL MATERIALS, WORKMANSHIP, FIT-UP AND WELDING SHALL BE TO THE SATISFACTION OF THE ATTENDING SURVEYOR AND IN ACCORDANCE WITH ABS RULES FOR BUILDING AND CLASSING STEEL VESSELS UNDER 90 METERS (295 FEET) IN LENGTH, LATEST EDITION.
- ALL STEEL SHALL BE A.B.S. GRADE A UNLESS NOTED OTHERWISE.
- ALL WELDING SHALL BE CONTINUOUS FILLET. WELD LEG = $T_{min} + \frac{1}{16}$ " UNLESS SPECIFIED.
- ALL DIMENSIONS SHOWN ARE NEAT AND NO ALLOWANCE FOR FIT-UP, SHRINKAGE OR ERECTION HAS BEEN INCLUDED.
- DE-BURR AND BREAK ALL SHARP EDGES PRIOR TO COATING.
- GRIND PIPE LEGS TO SUIT DESIRED INSIDE CLEARANCE. DESIGN CLEARANCE NET FOR AFT TWO PIPE LEGS WITH UHMW SHEATHES, $\frac{1}{8}$ " FOR FORWARD PIPE LEG WITH UHMW SHEATH.
- PRIOR TO CUTTING FINAL LENGTH OF POLE PIPE, CONFIRM FINAL INSTALLED LENGTH OF HYDROPHONE WELL VERSUS REF.6.

REFERENCES

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- "136 FT OFFSHORE SUPPLY VESSEL, TRANSVERSE SECTIONS", STERLING MARINE, LTD., DWG NO. 137-C305-02, REV. 2, 05/04/2003
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- "PNEUMA-SEAL PRS705," REV. E, PAWLING ENGINEERED PRODUCTS, 2014.
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- "AC3B END AIR CONNECTOR, TYPE 01 PROFILE," PAWLING ENGINEERED PRODUCTS, 2014.

REVISIONS

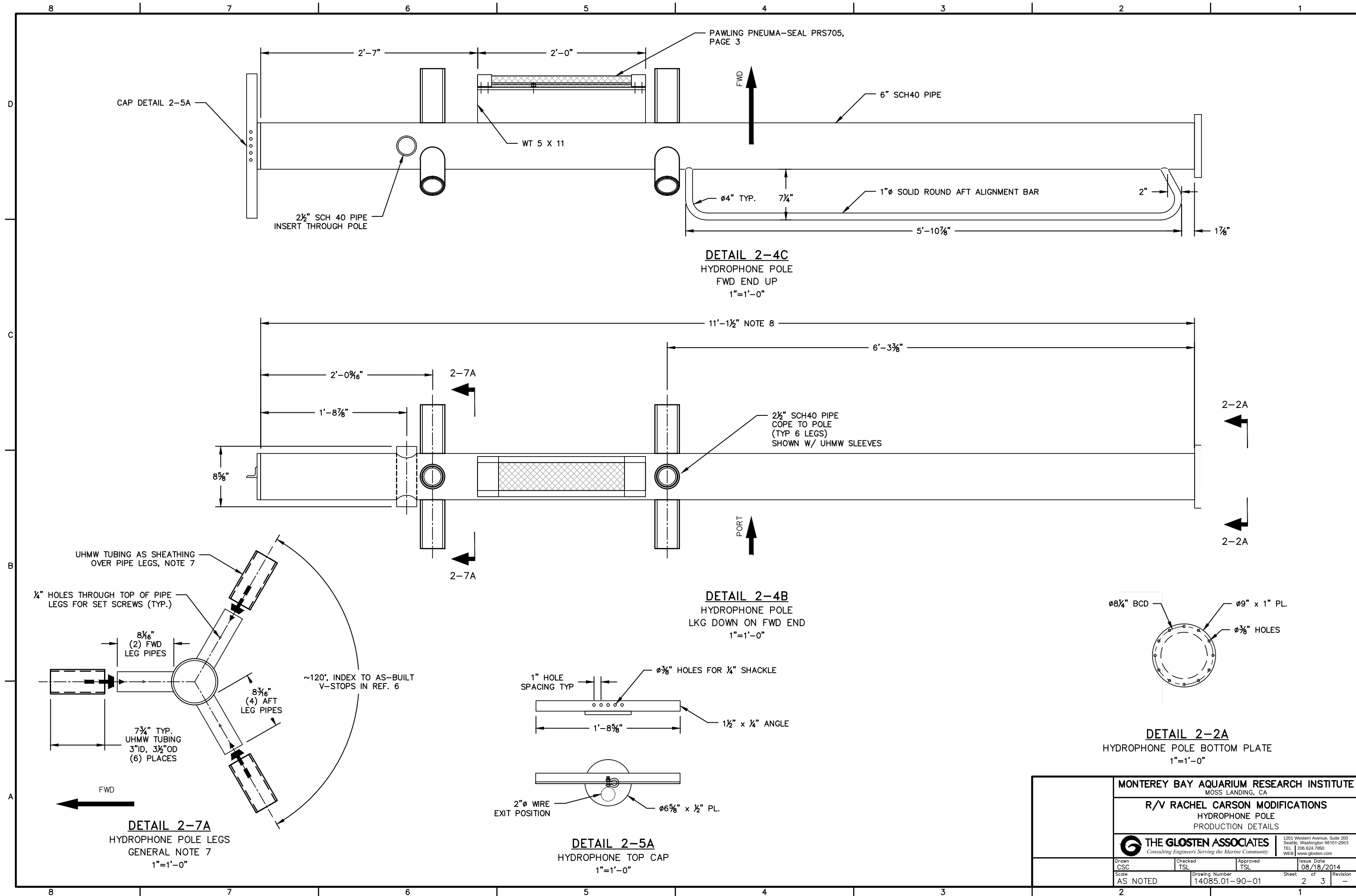
ZONE	REV	DESCRIPTION	DATE	APPD
	-	INITIAL RELEASE	08/18/14	CSC

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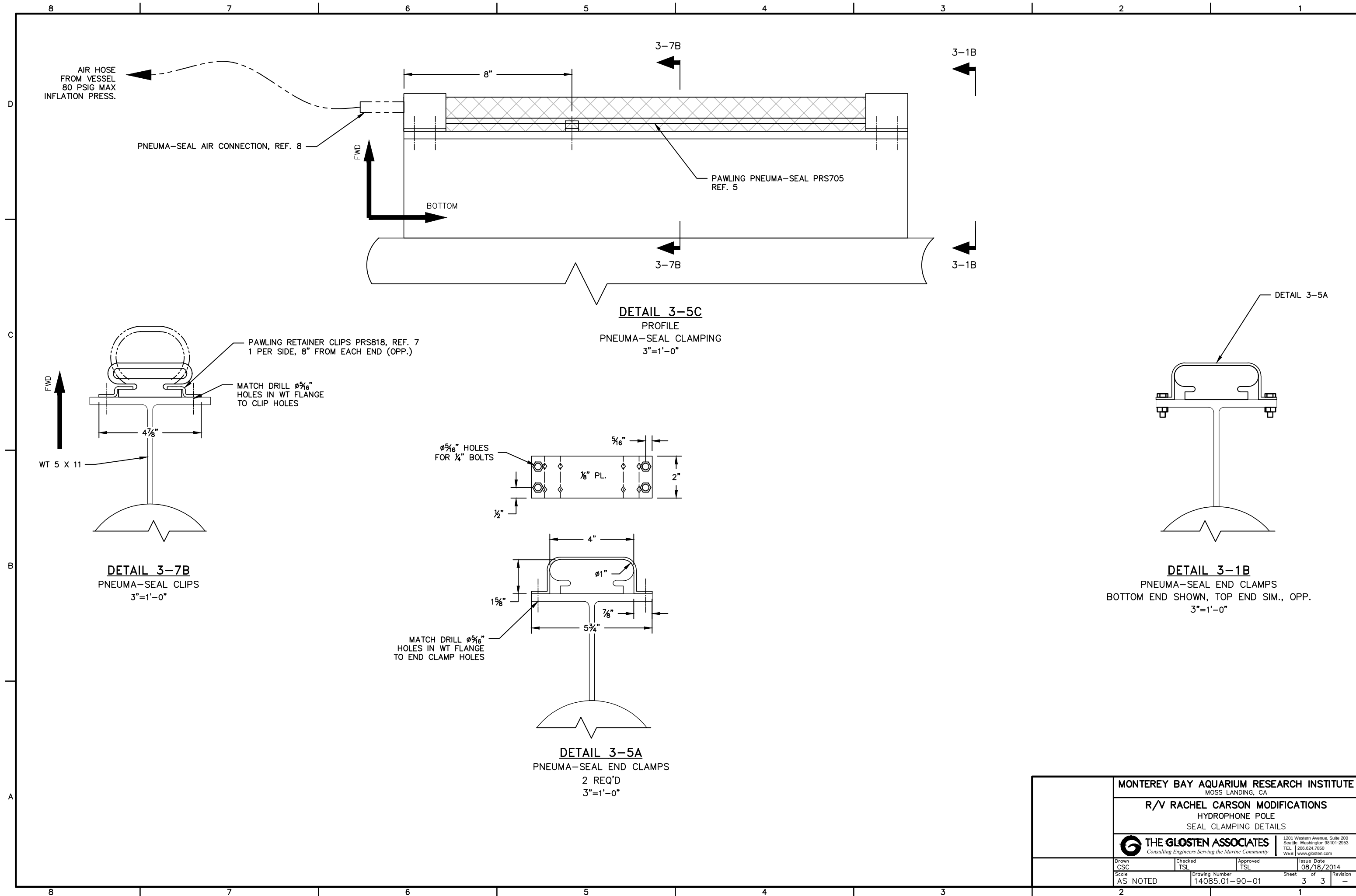
R/V RACHEL CARSON MODIFICATIONS
HYDROPHONE POLE
KEY PLAN

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