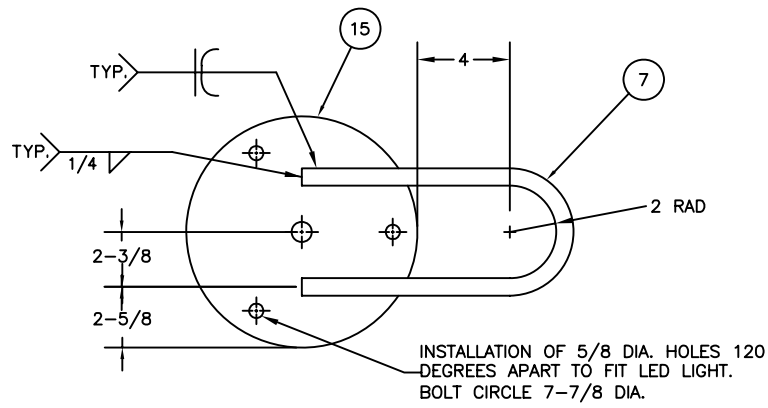
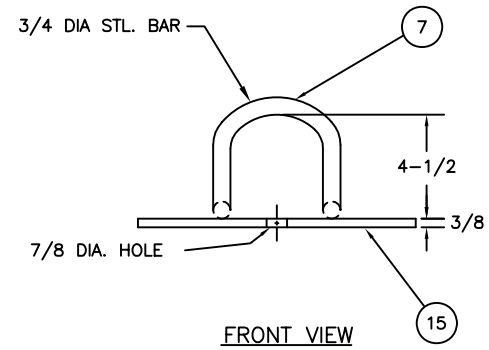


REV.	DATE	APPR.	DESCRIPTION	BY
E	4-21-09	W.D.	CHANGED TITLE. DELETED ITEMS 16 & 17. DECREASED LENGTH OF ITEM 9.	S.M.
D	5-15-07	S.W.	CHANGED ITEMS 1, 2 & 3 FROM 3 PCF TO 4 PCF.	S.M.
C	5-31-02	W.D.	INCREASED LENGTH OF ITEM 9. ADDED ITEMS 16 AND 17.	K.W.
B	1-5-99	S.W.	REORGANIZED NOTES. MOD QTY OF ITEM 6.	S.M.
A	1-22-97	S.W.	ADDED ITEM 15. MODIFIED NOTES 2 & 5. MODIFIED ITEMS 9, 10, 12, 14, & 15.	C.B.
DESIGNED: D.B. DRAWN: D.B. TRACED: S.M. CHECKED: S.M. REVIEWED BY:			U.S. COAST GUARD HEADQUARTERS	
D. Braganza PROJECT ENGINEER			CIVIL ENGINEERING	
S. McEvoy G-ECV-3B			5FWCFR AND 5FWFNR UNLIGHTED FOAM BUOY	
S.D. Walker			APPROVED: L. E. Jaeger CHIEF OF OCEAN ENGINEERING BRANCH	DATE: 08-30-95
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°			DRAWING NUMBER 121170	REV. E
PLOTING SCALE: 1-1/2"=1'-0"			SCALE: AS NOTED	SHEET 1 OF 2

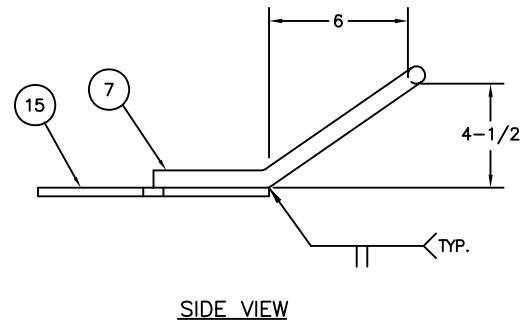


TOP VIEW

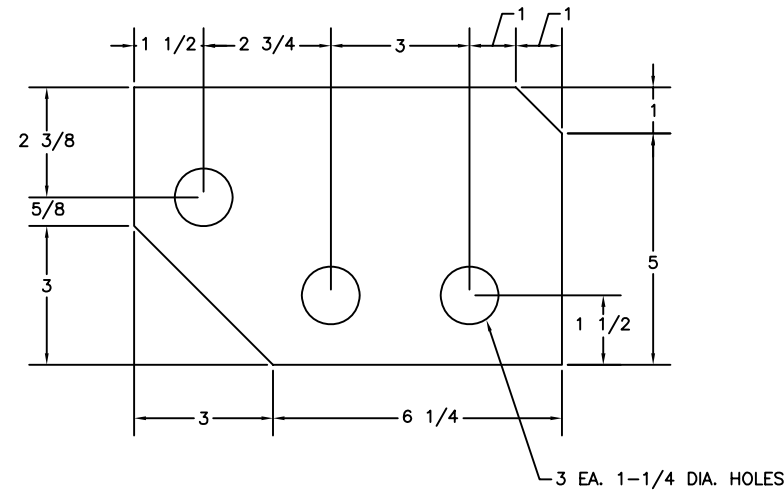


FRONT VIEW

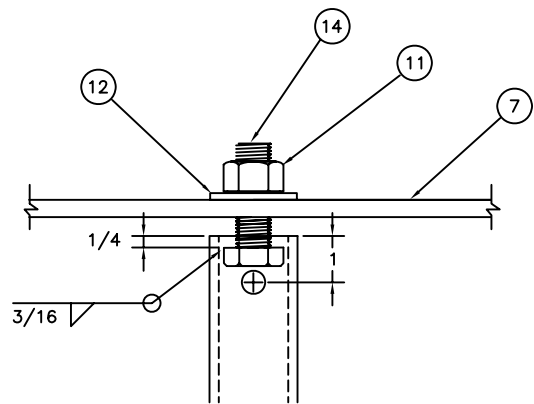
DETAIL A
SCALE: 3"=1'-0"



SIDE VIEW



10 DETAIL C
SCALE: HALF



DETAIL B
SCALE: HALF

ITEM NO.	(CFR) NO. REQ.	(NFR) NO. REQ.	BILL OF MATERIALS		
			DESCRIPTION	MATL.	REMARKS
1	1	1	BUOY BODY	FOAM	3 PCF, SEE NOTE 1
2	1	-	BUOY TOP (CFR)	FOAM	3 PCF, SEE NOTES 1 - 3
3	-	1	BUOY TOP (NFR)	FOAM	3 PCF, SEE NOTES 1 - 3
4	3	-	RETROREFLECTIVE MATERIAL	---	6 x 14, SEE NOTE 4
5	-	3	RETROREFLECTIVE MATERIAL	---	6 x 12, SEE NOTE 4
6	3	3	RADAR REFLECTOR ASSEMBLY	---	MOBRI M2 SEE NOTE 3
7	1	1	LIFTING EYE	STEEL	3/4 BAR
8	1	1	BOTTOM PLATE	STEEL	15 X 15 X 1 THK.
9	1	1	CENTER PIPE	STEEL	1 1/2 SCH 80 X 50 1/2
10	2	2	MOORING GUSSET	STEEL	1/2 THK.
11	1	1	NYLOCK NUT	STAINLESS STEEL	3/4-10 UNC-2B
12	1	1	WASHER	STAINLESS STEEL	3/4
13	1	1	MIDDLE PLATE	STEEL	15 X 15 X 1/4
14	1	1	HEX HEAD BOLT	STAINLESS STEEL	3/4-10 UNC-2AX3
15	1	1	TOP PLATE	STEEL	10 DIA X 3/8 PLATE

NOTES:

- SEE LATEST REVISION OF U.S.C.G. CIVIL ENGINEERING SPECIFICATION No. 450 FOR FABRICATION REQUIREMENTS.
- CUT HOLES IN ITEMS 2 & 3 TO PERMIT A TIGHT FIT WITH ITEM 6. FILL VOID WITH IONOMER FOAM PLUGS.
- INSTALL ITEM 6 120 DEGREES APART.
- INSTALL ITEMS 4 & 5, 120 DEGREES APART AND 6 INCHES FROM THE TOP ON THE BUOY BODY.
- ITEMS 7, 8, 9, 10, 13, 14, & 15 SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH THE SPECIFICATION.

REV.	DATE	APPR.	DESCRIPTION	BY
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DESIGNED: D.B. DRAWN: D.B. TRACED: S.M. CHECKED: S.M. REVIEWED BY:	U.S. COAST GUARD HEADQUARTERS CIVIL ENGINEERING 5FWCFR AND 5FWFNR UNLIGHTED FOAM BUOY
D. Braganza PROJECT ENGINEER REVIEWED BY:	
S. McEvoy G-ECV-3B REVIEWED BY:	
S.D. Walker	APPROVED: L. E. Jaeger CHIEF OF OCEAN ENGINEERING BRANCH
	DATE: 08-30-95

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°	DRAWING NUMBER 121170	REV. E
SCALE: AS NOTED	SHEET 2 OF 2	