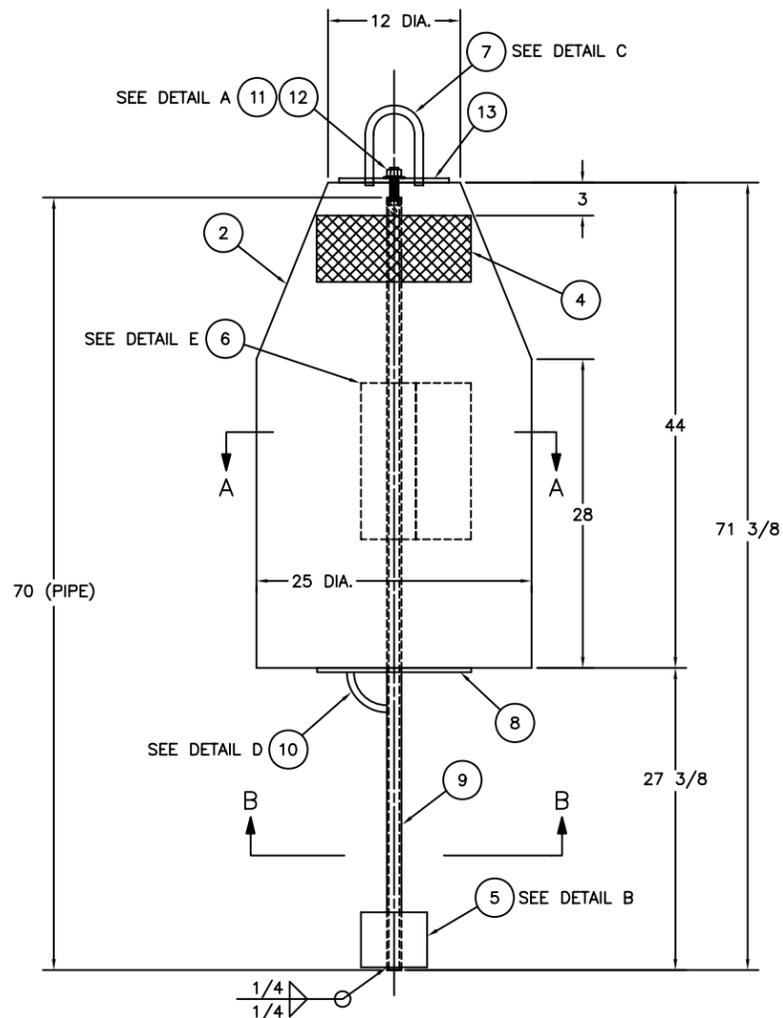
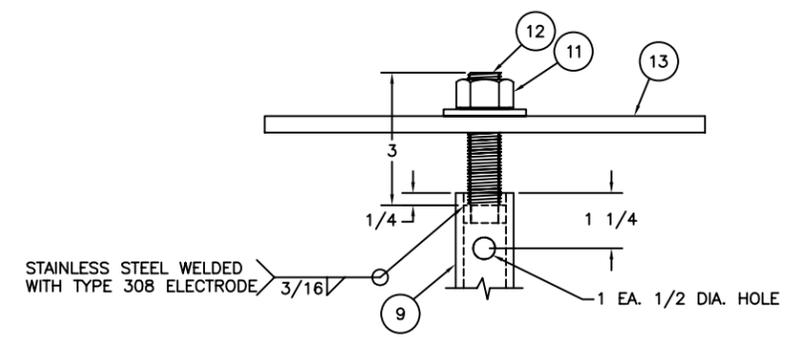


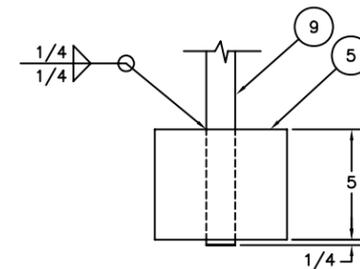
6CTFR  
SCALE: 1 1/2"=1'-0"



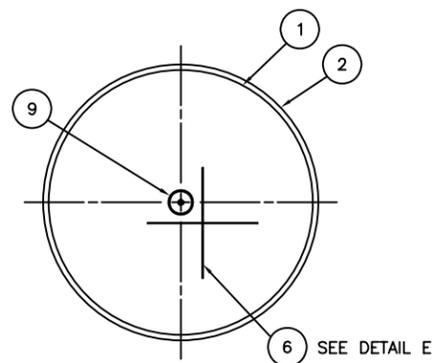
6NTFR  
SCALE: 1 1/2"=1'-0"



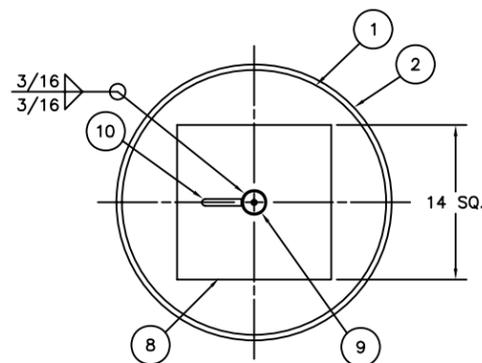
DETAIL A  
SCALE: HALF



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

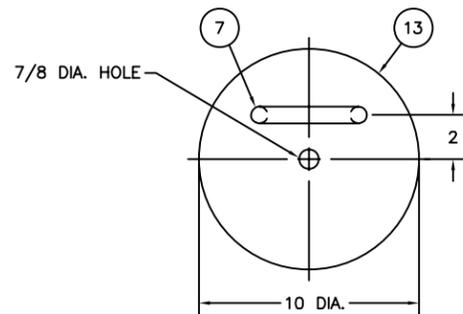


SECTION A-A  
SCALE: 1 1/2"=1'-0"

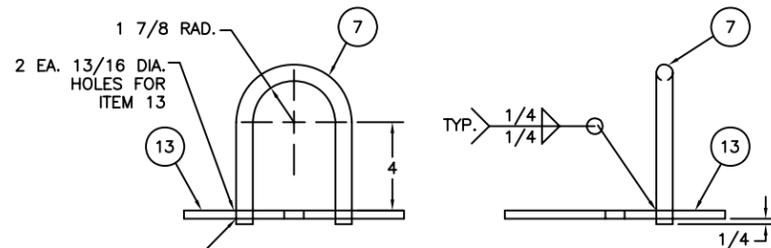


SECTION B-B  
SCALE: 1 1/2"=1'-0"

A	5-15-07	S.W.	CHANGED ITEMS 1 & 2 FROM 3 PCF TO 4 PCF.	S.M.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED:	C.B.	U.S. COAST GUARD HEADQUARTERS		
DRAWN:	S.M.	CIVIL ENGINEERING		
TRACED:		6CTFR AND 6NTFR		
CHECKED:		UNLIGHTED FOAM BUOYS		
REVIEWED BY:		John Baker PROJECT ENGINEER		
REVIEWED BY:		S. D. Walker G-SEC-2B		
REVIEWED BY:		APPROVED:	J. A. Rauch CHIEF, OFFICE OF CIVIL ENGINEERING	DATE 01-12-99
REVIEWED BY:		R. J. Legier G-SEC-2		
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°			DRAWING NUMBER 121181	REV. A
PLOTING SCALE: 1-1/2"=1'-0"			SCALE: AS NOTED	SHEET 1 OF 2



TOP VIEW

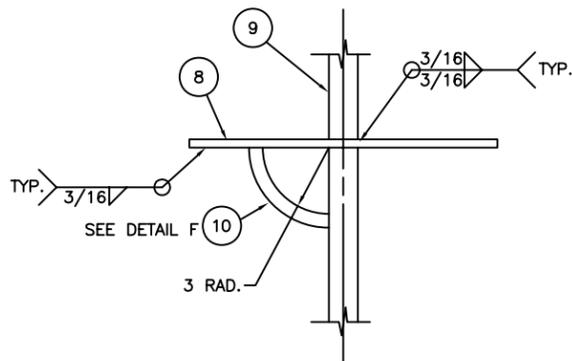


FRONT VIEW

SIDE VIEW

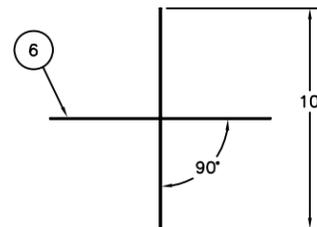
DETAIL C

SCALE: 3"=1'-0"

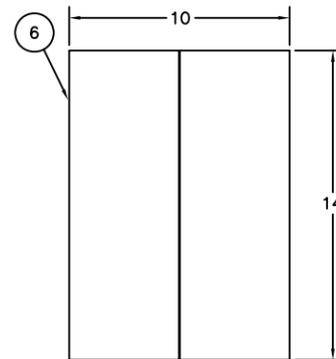


DETAIL D

SCALE: 3"=1'-0"



TOP VIEW



SIDE VIEW

6 DETAIL E

SCALE: 3"=1'-0"

BILL OF MATERIALS					
ITEM NO.	NFR NO. REQ.	NFR NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	-	BUOY BODY (CFR)	FOAM	4 PCF SEE NOTES 1 & 2
2	-	1	BUOY BODY (NFR)	FOAM	4 PCF SEE NOTES 1 & 2
3	3	-	RETROREFLECTIVE MATERIAL	---	6x14 SEE NOTE 3
4	-	3	RETROREFLECTIVE MATERIAL	---	6x12 SEE NOTE 3
5	1	1	COUNTERWEIGHT	STEEL	6 SQ. x 5 THK.
6	1	1	RADAR REFLECTOR	ALUM.	14 GAUGE SEE NOTE 2
7	1	1	LIFTING EYE	STEEL	3/4 BAR SEE DETAIL C
8	1	1	BOTTOM PLATE	STEEL	14 SQ. x 3/8 THK.
9	1	1	CENTER PIPE	STEEL	1 SCH. 80 PIPE x 70 LONG
10	1	1	MOORING BAR	STEEL	5/8 DIA.
11	1	1	NYLOCK NUT & WASHER	STAIN. STEEL	3/4-10UNC-2B
12	1	1	HEX HEAD BOLT	STAIN. STEEL	3/4-10UNC-2A x 3
13	1	1	TOP PLATE	STEEL	10 DIA. x 3/8 THK SEE DETAIL C

NOTES:

- SEE LATEST REVISION OF U.S.C.G. CIVIL ENGINEERING SPECIFICATION No. 450 FOR FABRICATION REQUIREMENTS.
- CUT SLOTS IN ITEMS 1 & 2 TO PERMIT A TIGHT FIT WITH ITEM 6.
- INSTALL ITEMS 3 & 4, 120 DEGREES APART AND 3 INCHES FROM THE TOP ON THE BUOY BODY.
- ITEMS 5, 7, 8, 9, 10, & 13 SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH THE SPECIFICATION.

A	5-17-07	S.W.	CHANGED ITEMS 1 & 2 FROM 3 PCF TO 4 PCF.	S.M.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED: C.B.	U.S. COAST GUARD		HEADQUARTERS	
DRAWN: S.M.	CIVIL ENGINEERING			
TRACED:	6CTFR AND 6NTFR		UNLIGHTED FOAM BUOYS	
CHECKED:				
REVIEWED BY:				
John Baker	PROJECT ENGINEER			
REVIEWED BY:				
S. D. Walker	G-SEC-2B			
REVIEWED BY:				
R. J. Legier	APPROVED: J. A. Rauch		DATE: 01-12-99	
REVIEWED BY:	CHIEF, OFFICE OF CIVIL ENGINEERING			
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°			DRAWING NUMBER	REV.
			121181	A
SCALE: AS NOTED			SHEET 2	OF 2