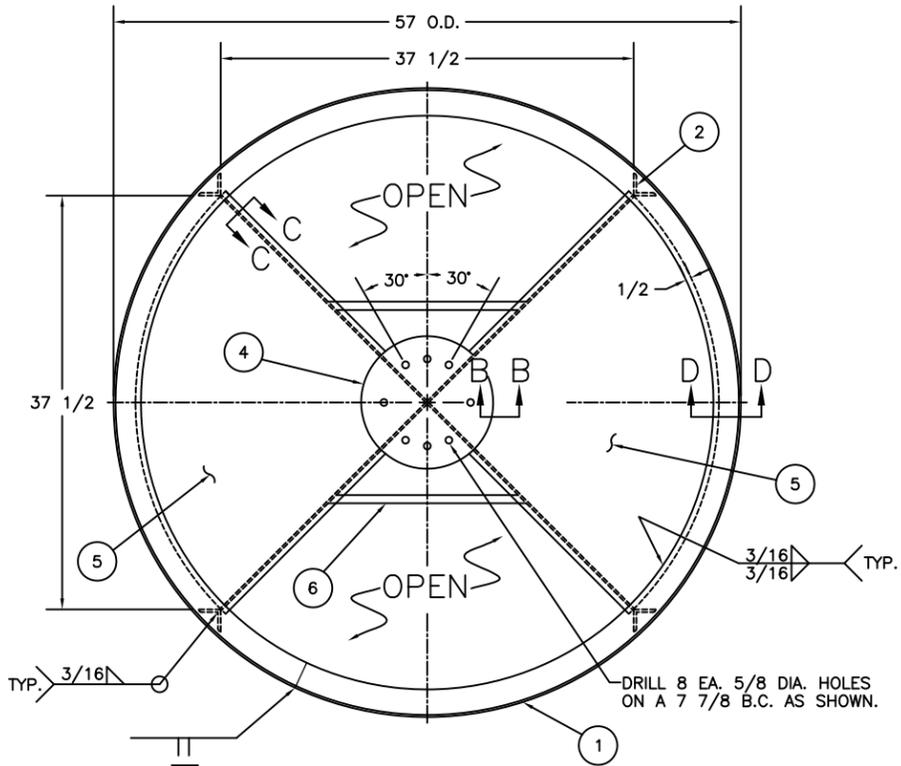
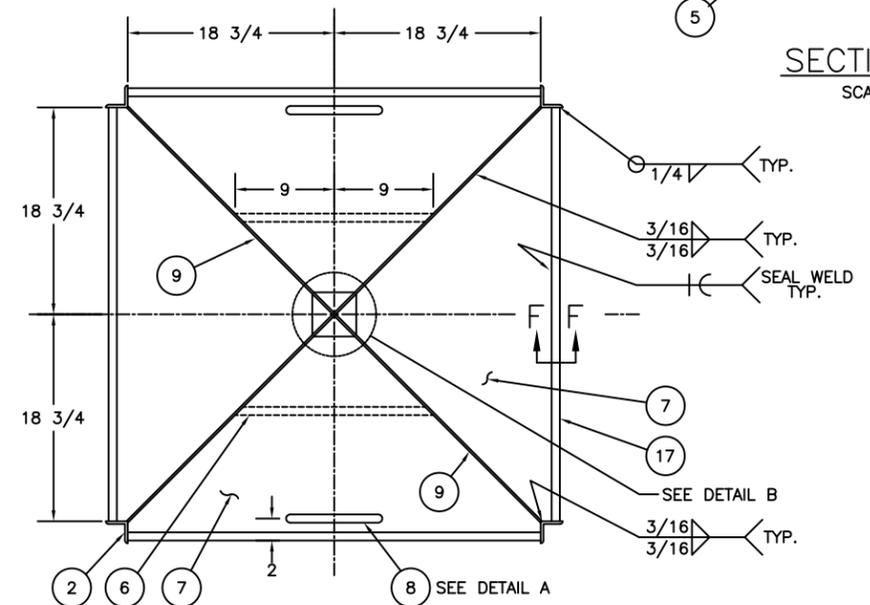
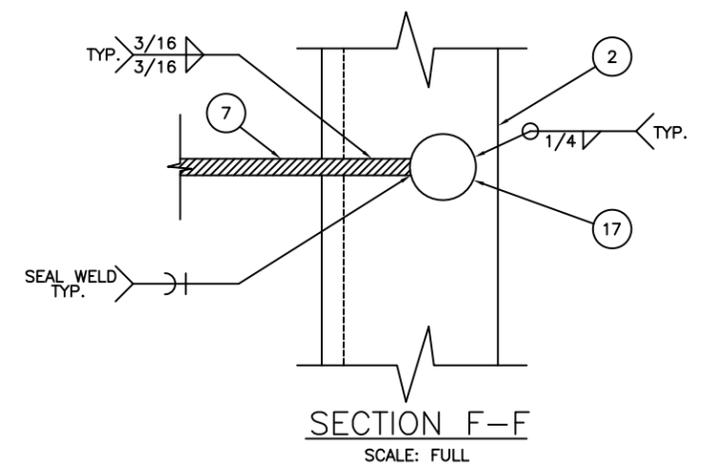
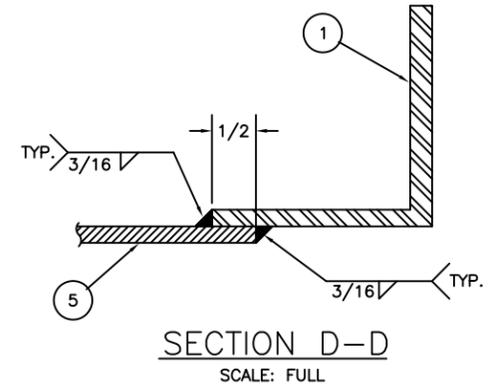
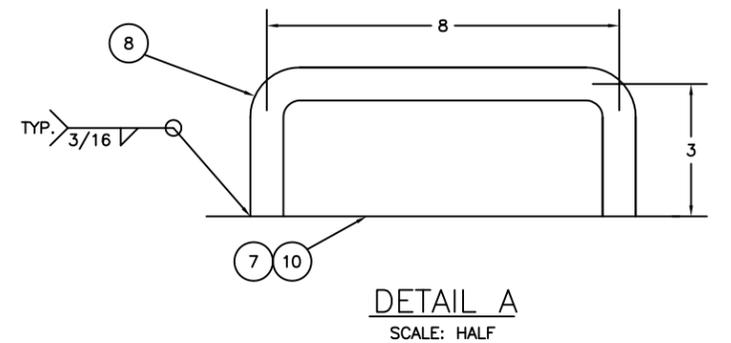
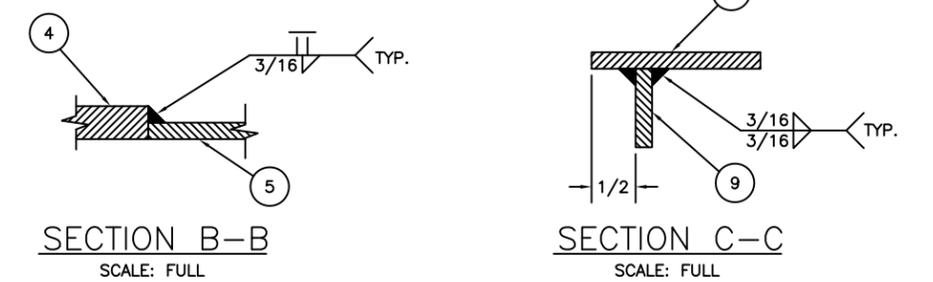


8x21 LR & 9x20 R TOWER
SCALE: 1-1/2"=1'-0"

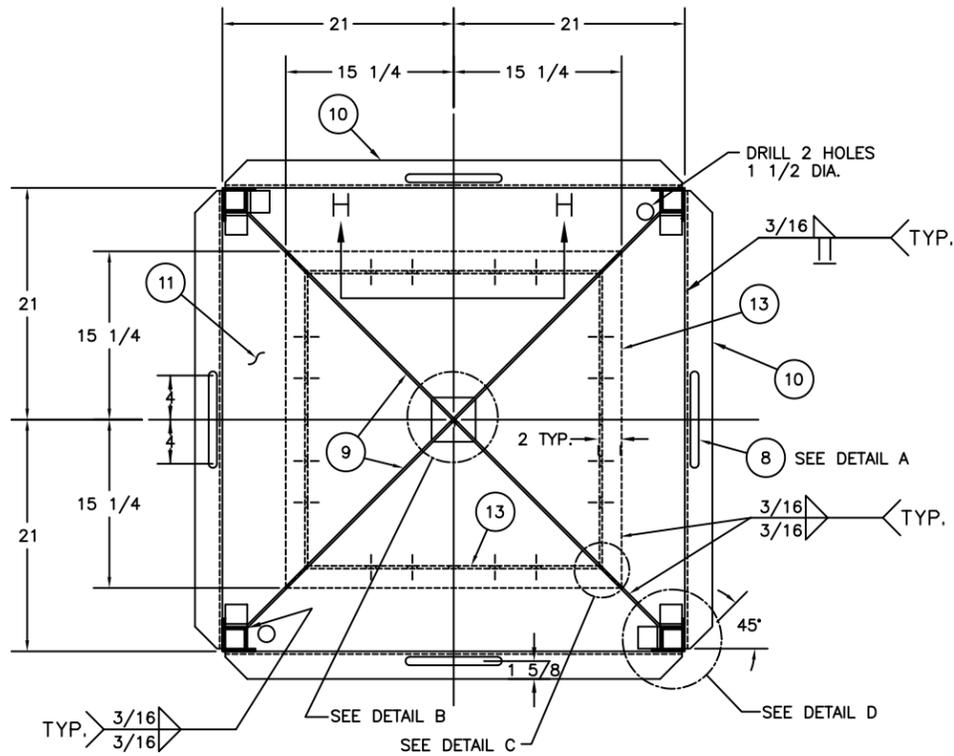


SECTION A-A
SCALE: 1-1/2"=1'-0"

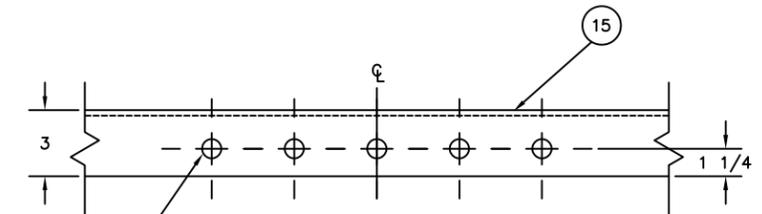
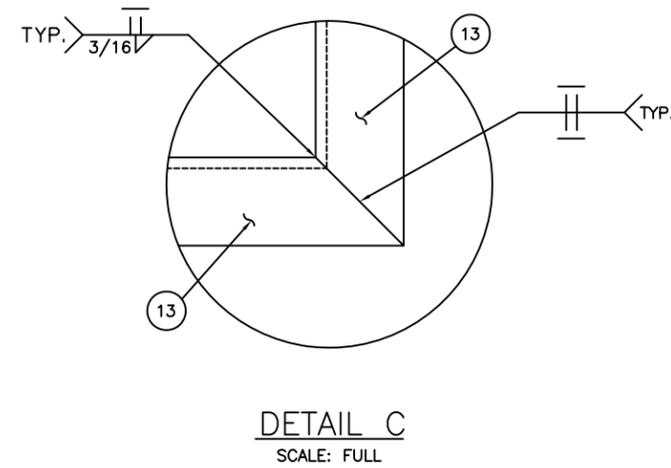
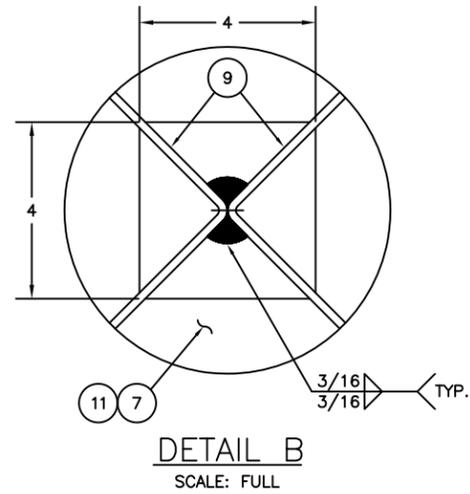


SECTION E-E
SCALE: 1-1/2"=1'-0"

A	4-10-06	W.D.	ADDED NOTE 2	S.M.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED:	S.M.		U.S. COAST GUARD	HEADQUARTERS
DRAWN:	S.M.		CIVIL ENGINEERING	
TRACED:			8x21 LR & 9x20 R	
CHECKED:			BUOY TOWER	
REVIEWED BY:				
Sean McEvoy				
PROJECT ENGINEER				
REVIEWED BY:				
S. D. Walker				
G-SEC-2B				
REVIEWED BY:		APPROVED:	J. A. Rauch	DATE
R. J. Legier			CHIEF, OFFICE OF CIVIL ENGINEERING	10/29/97
G-SEC-2				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±30°			DRAWING NUMBER	REV.
			121175	A
SCALE: AS NOTED			SHEET 1	OF 3

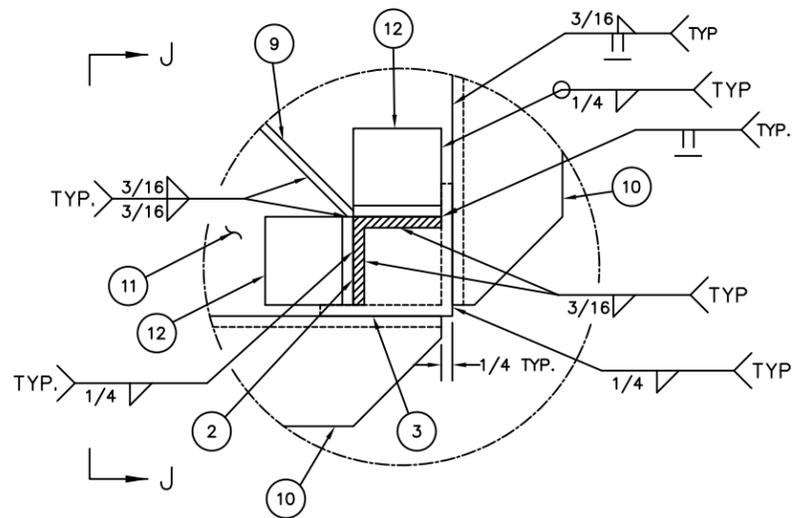


SECTION G-G
SCALE: 1-1/2"=1'-0"

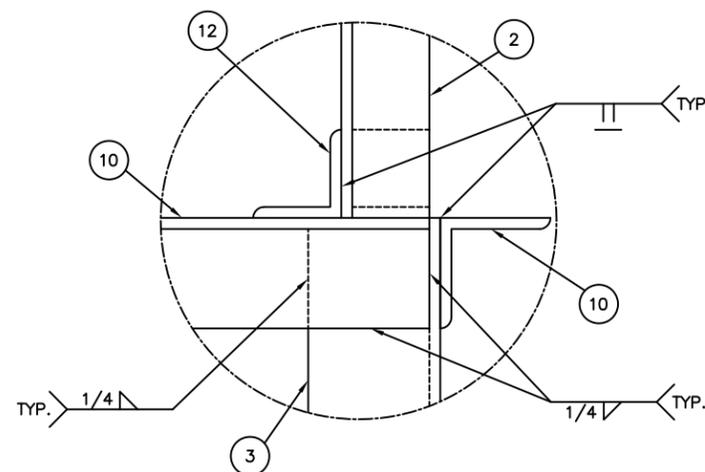


DRILL 5 HOLES-7/8 DIA.
SPACED AT 3 3/4 APART (TYP.)

SECTION H-H
SCALE: 3"=1'-0"

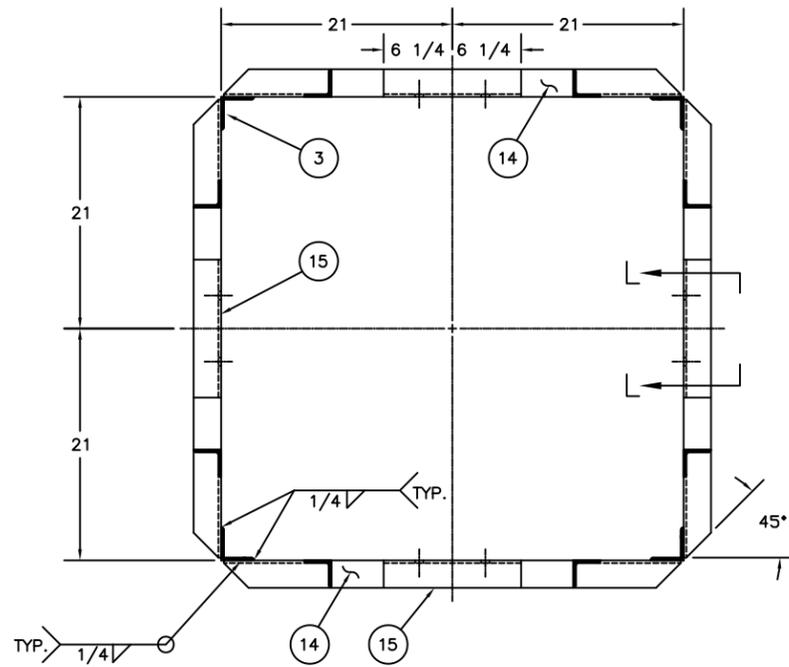


DETAIL D
SCALE: HALF

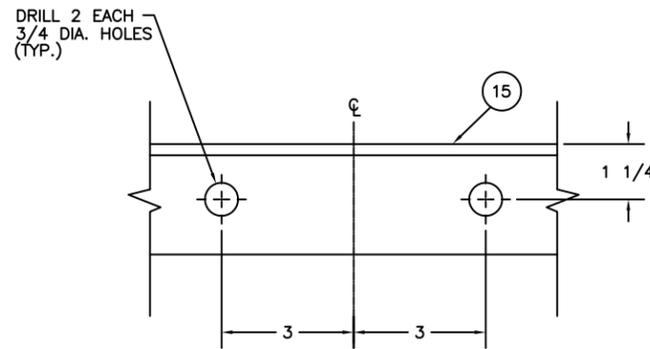


SECTION J-J
SCALE: HALF

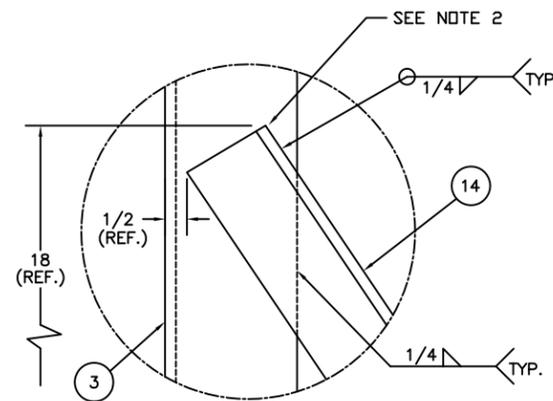
A	4-10-06	W.D.	ADDED NOTE 2.	S.M.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED:	S.M.		U.S. COAST GUARD HEADQUARTERS	
DRAWN:	S.M.		CIVIL ENGINEERING	
TRACED:			8x21 LR & 9x20 R	
CHECKED:			BUOY TOWER	
REVIEWED BY:				
Sean McEvoy				
PROJECT ENGINEER				
REVIEWED BY:				
S. D. Walker				
G-SEC-2B				
REVIEWED BY:		APPROVED:	J. A. Rauch	DATE
R. J. Legier			CHIEF, OFFICE OF CIVIL ENGINEERING	10/29/97
G-SEC-2				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±30°			DRAWING NUMBER	REV.
			121175	A
SCALE: AS NOTED		SHEET 2 OF 3		



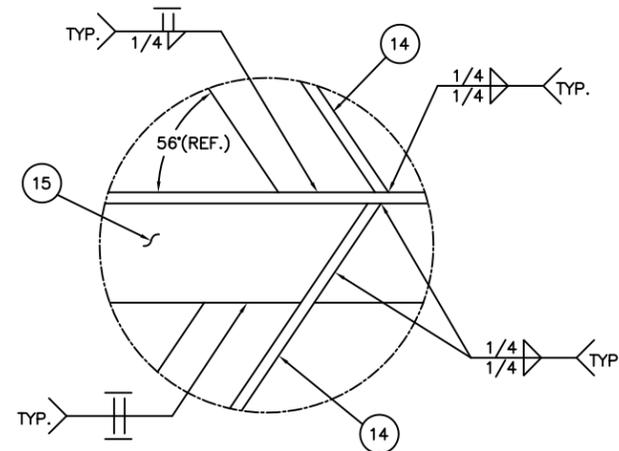
SECTION K-K
SCALE: 1-1/2"=1'-0"



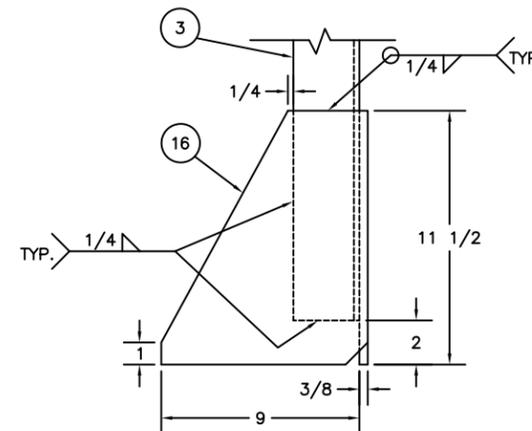
SECTION L-L
SCALE: HALF



DETAIL E
SCALE: HALF



DETAIL F
SCALE: HALF



DETAIL G
SCALE: HALF

BILL OF MATERIALS				
ITEM NO.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	LANTERN RING	STEEL	2 1/2 x 2 1/2 x 3/16 L
2	4	RADAR REFLECTOR POSTS	STEEL	2 x 2 x 1/4 L
3	4	TOWER LEGS	STEEL	3 x 3 x 1/4 L
4	1	LANTERN BASE PLATE	STEEL	12 DIA. x 3/8 THK.
5	2	LANTERN RING REFLECTORS	STEEL	3/16 THK.
6	4	STEPS	STEEL	3/4 DIA. ROD
7	4	UPPER HORIZONTAL REFLECT.	STEEL	3/16 THK.
8	6	HAND GRABS	STEEL	3/4 DIA. ROD
9	2	VERTICAL REFLECTORS	STEEL	3/16 THK.
10	4	UPPER TOWER STRUTS	STEEL	2 1/2 x 2 1/2 x 1/4 L
11	1	LOWER HORIZONTAL REFLECT.	STEEL	3/16 THK.
12	6	ANGLE CLIPS	STEEL	2 x 2 x 1/4 L
13	4	TAPPER SUPPORTS	STEEL	3 x 2 x 1/4 L
14	16	DIAGONAL BRACES	STEEL	2 1/2 x 2 1/2 x 1/4 L
15	4	LOWER TOWER STRUTS	STEEL	2 1/2 x 2 1/2 x 1/4 L
16	4	TOWER FEET	STEEL	3/8 THK.
17	4	UPPER REFLECTOR BAR	STEEL	3/4 DIA. ROD

NOTES:

- SEE LATEST REVISION OF U.S.C.G. CIVIL ENGINEERING SPECIFICATION No. 464 FOR FABRICATION REQUIREMENTS.

REV.	DATE	APPR.	DESCRIPTION	BY
A	4-10-06	W.D.	ADDED NOTE 2.	S.M.
DESIGNED: S.M.		U.S. COAST GUARD HEADQUARTERS		
DRAWN: S.M.		CIVIL ENGINEERING		
TRACED:		8x21 LR & 9x20 R		
CHECKED:		BUOY TOWER		
REVIEWED BY:		Sean McEvoy PROJECT ENGINEER		
REVIEWED BY:		S. D. Walker G-SEC-2B		
REVIEWED BY:		APPROVED: J. A. Rauch		DATE: 10/29/97
REVIEWED BY:		R. J. Legier G-SEC-2		DATE: 10/29/97
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±30°		DRAWING NUMBER 121175		REV. A
SCALE: AS NOTED		SHEET 3 OF 3		