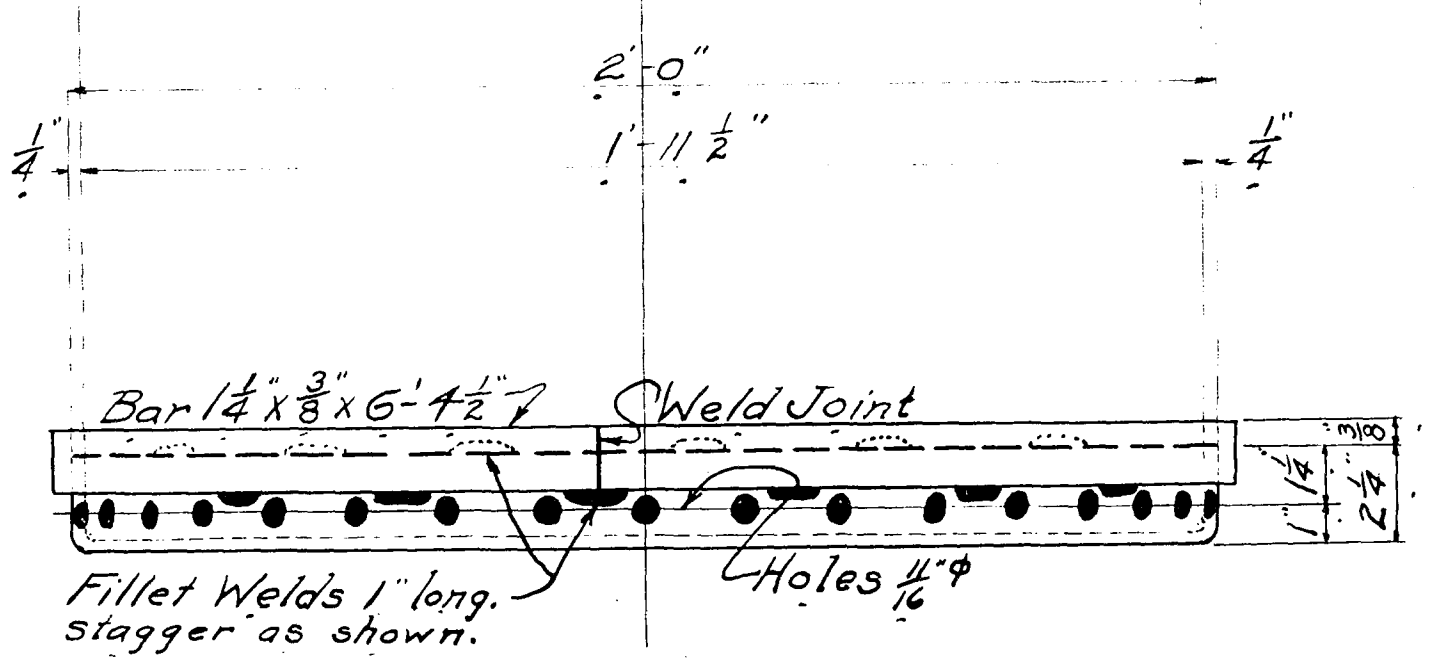
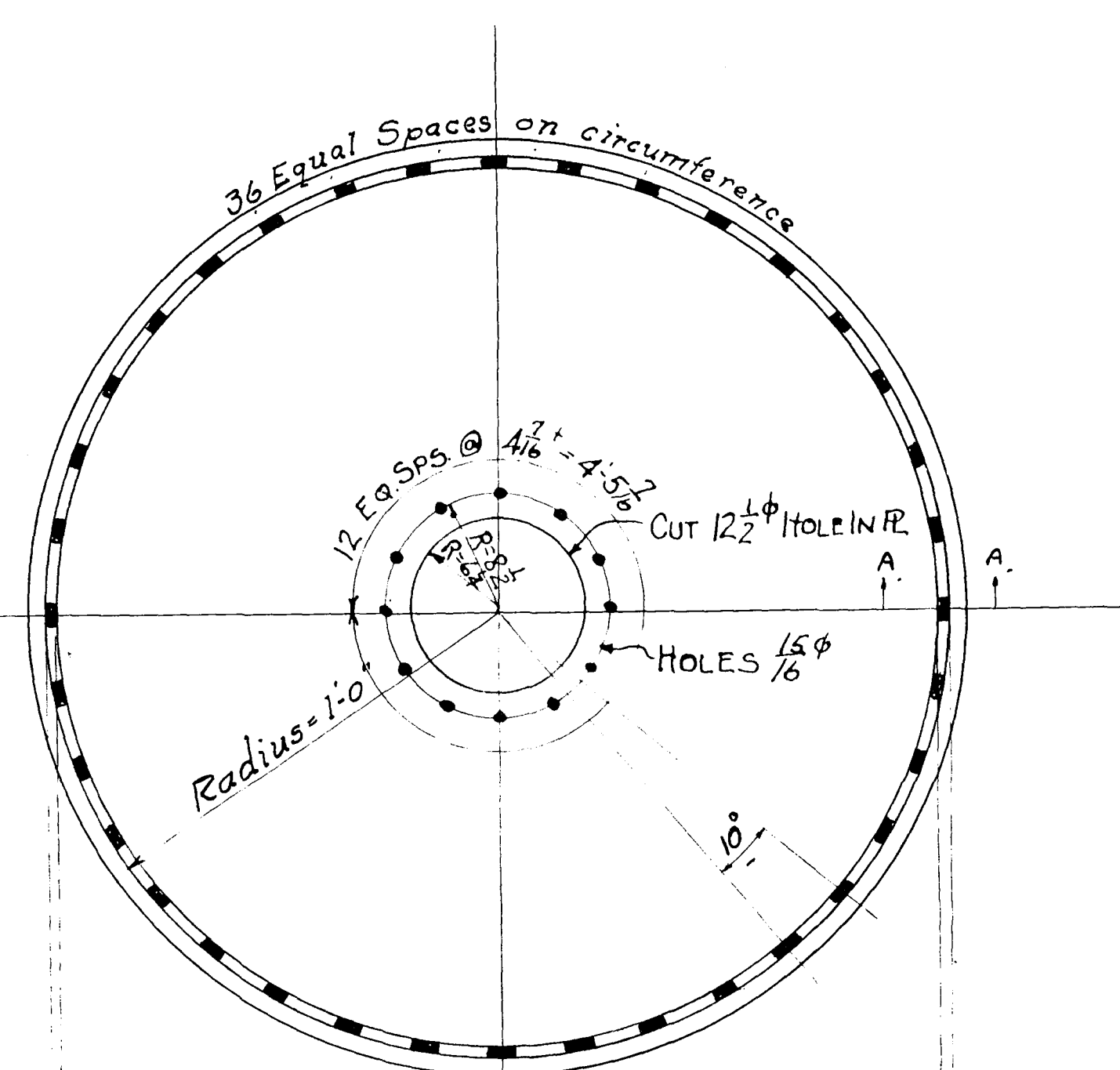


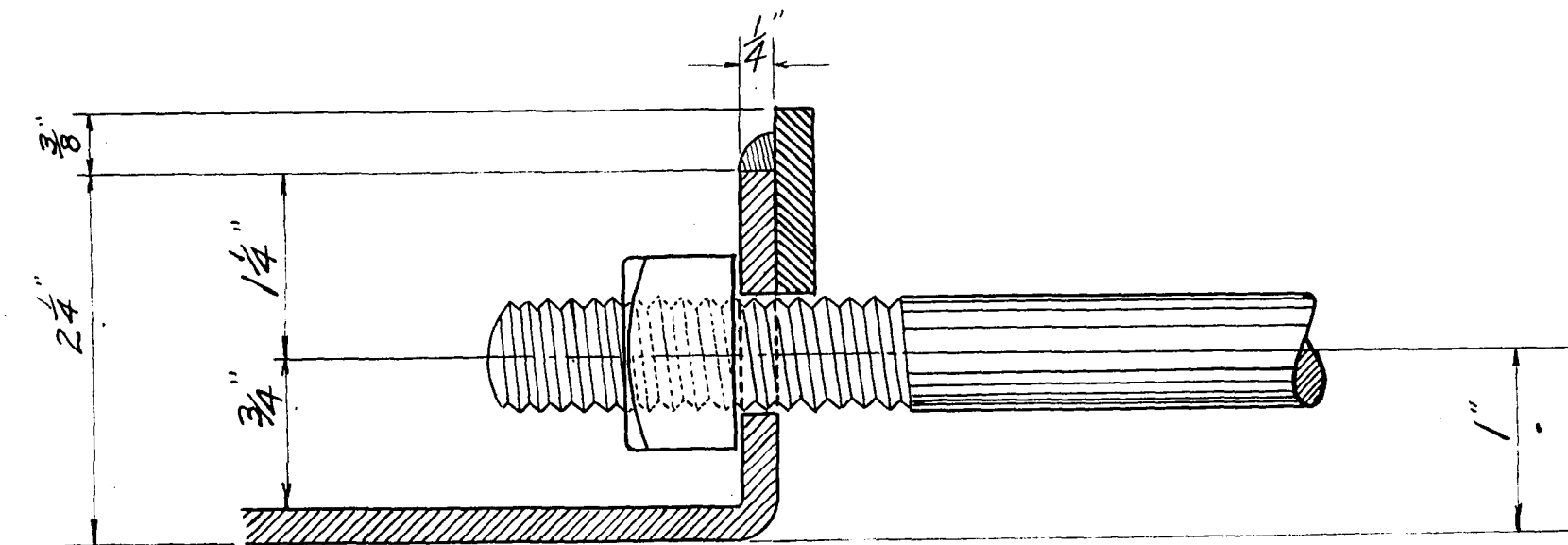
Rev'd 10-14-31 CHB:YL.H. 8-12-31

STANDARD SPIDER-PLATE AND RODS



MAKE ONE SPIDER PLATE FOR EACH
SPIDER MARK SP

DIAM. OF TANK	NUMBER OF RODS			LENGTH	MARK	WEIGHT OF ONE SPIDER COMPLETE		
	STEEL ROOF 3/8 PITCH	1/4 PITCH	LONG. PROJECTIONS 1/4 PITCH			STANDARD ROOF 3/8 PITCH	1/4 PITCH	LONG PROJECTION
11'-0"	12.	12.	12.	5'-0"	SR	102	102	102
13'-0"	12.	12.	12.	6'-0"	"	114	114	114
15'-0"	14.	12.	14.	7'-0"	"	142	127.	142.
17'-0"	16.	14.	16.	8'-0"	"	174.	157.	174.
19'-0"	18.	16.	18.	9'-0"	"	219.	191.	210.
21'-0"	14.	14.	14.	10'-0"	"	185.	185.	185.
24'-0"	16.	16.	16.	11'-6"	"	232.	232.	232.
28'-0"	18.	18.	18.	13'-6"	"	294.	294.	294.
32'-0"	20.	20.	20.	15'-6"	"	365.	365.	365.
36'-0"	24.	24.	24.	17'-6"	"	465.	465.	465.
38'-0"	24.	24.	24.	18'-6"	"	490.	490.	490.



SECTION A-A DETAIL-FULL SIZE

NOTE :- HOLES AS NOTED

Drawing No. A/83 A/83

PITTSBURGH-DES MOINES STEEL CO.	
PITTSBURGH, PA.	DES MOINES, IA.
TANK AND TOWER	
ROANOKE, VA.	
SPIDER PLATE	
2/14/39 MADE	SSP
1/22-27 HQS.	
1/14-29 JOS.	
1/14-32 JOS.	
REVISOR	
TRACED	
CHECKED	PPE
REVISED	
SHEET NO.	9
CONTRACT NO.	274-39