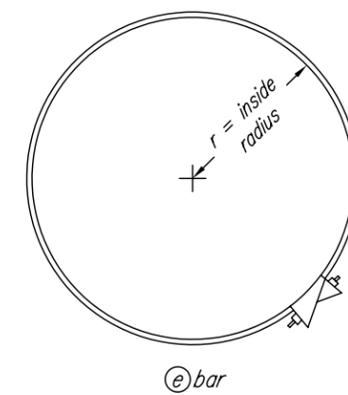
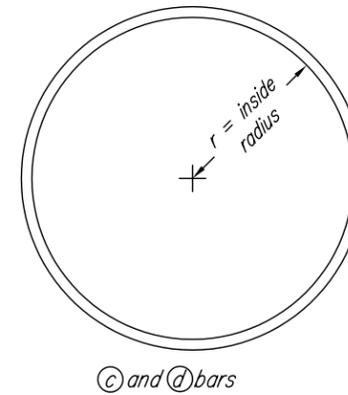
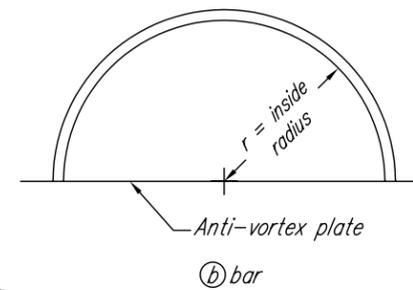
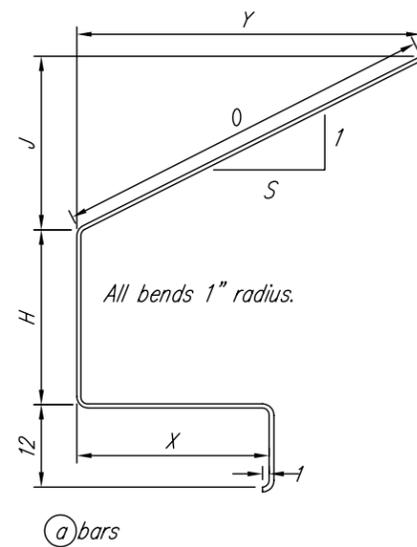
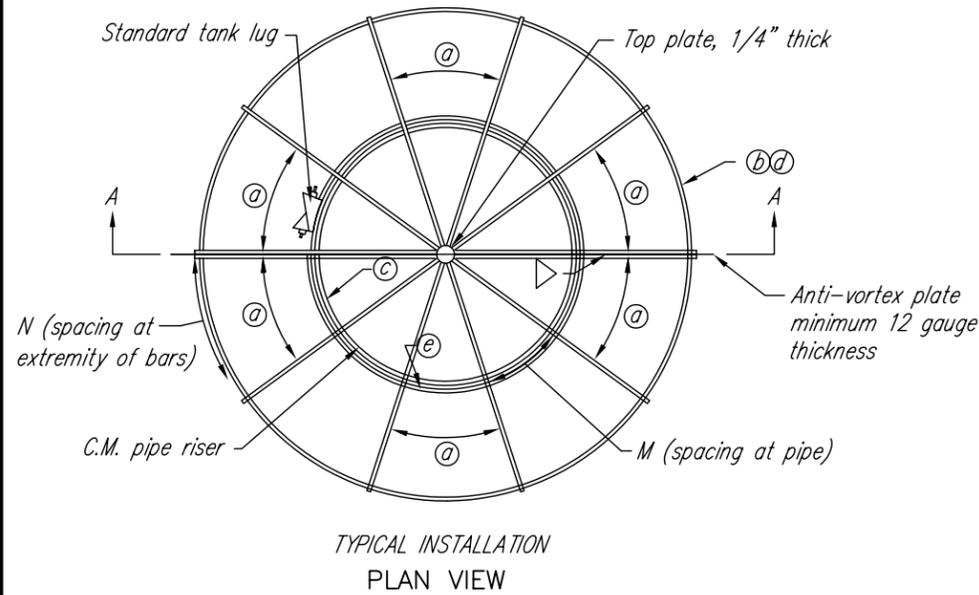
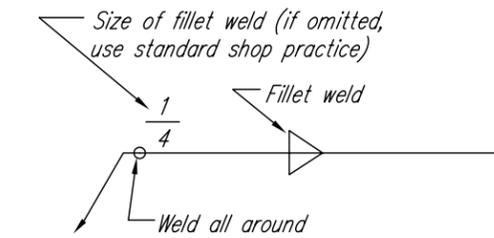
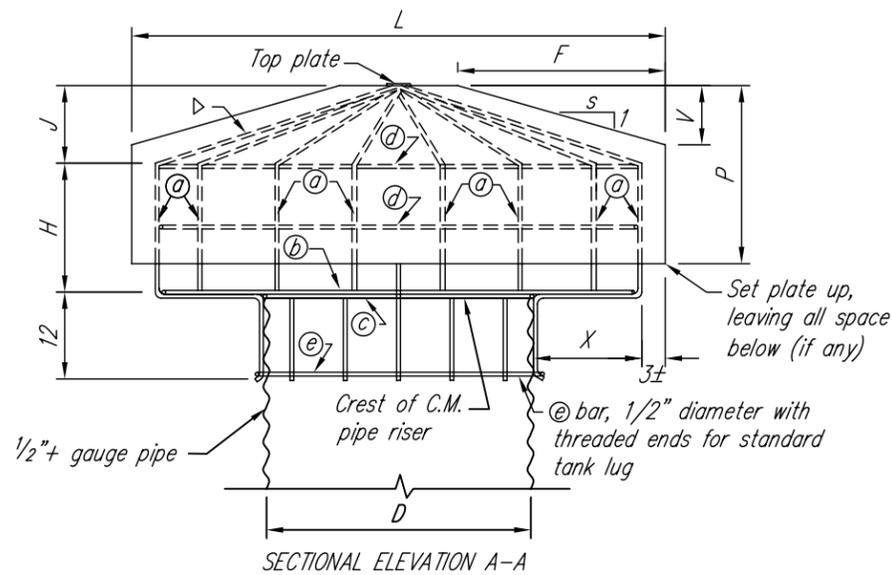


CONICAL TRASH RACK TABLE OF QUANTITIES

Net Area (ft ²)	Approx. Weight (lbs.)	Ⓐ Bars - 5/8" Dia.											Baffle Plate				Ⓑ Bars - 5/8" Dia.			Ⓒ Bars - 5/8" Dia.			Ⓓ Bars - 5/8" Dia.			Ⓔ Bars - 1/2" Dia.			Top Plate Dia. (inches)
		H (inches)	J (inches)	X (inches)	Y (inches)	S (inches)	O (inches)	Total Length (ft-in)	No. Req'd	N (inches)	M (inches)	L (ft-in)	P (inches)	F (inches)	V (inches)	No. Req'd	r (inches)	Length (inches)	No. Req'd	r (inches)	Length (inches)	No. Req'd	r (inches)	Length (inches)	No. Req'd	r (inches)	Length (inches)	No. Req'd	
24" Diameter Corrugated Metal (C.M.) Riser																													
26.8	155	15	11 1/2	12	23 1/16	2	25 3/4	5-5 3/4	12	15 5/16	7 3/4	4-6	24	18	9	1	23 5/16	148 3/8	1	12	77 5/16	4	23 5/16	74 3/16	1	13 3/16	92	3	
30" Diameter C.M. Riser																													
40.6	192	18	9 1/2	15	28 9/16	3	30 1/8	6-4 1/8	12	19 1/16	10 5/8	6-0	24	21	7	1	29 5/16	186 1/16	1	15	96 3/16	4	29 5/16	93	1	16 3/16	111	4	
36" Diameter C.M. Riser																													
65.2	288	21	12 1/2	21	37 9/16	3	39 9/16	7-10 9/16	14	20 5/8	9 5/8	7-7	30	30	10	1	38 5/16	242 5/8	1	18	115	4	28 3/8	121 1/4	1	19 1/4	129	4	



BENDING DIAGRAMS



Note: Weld symbol above line indicates weld is on opposite side of joint to which arrow points. Weld symbol below line indicates weld is on side of joint to which arrow points.

WELD SYMBOLS

Notes:

1. Weld 4 Ⓐ bars to vortex plate and to top plate. Weld Ⓒ and Ⓓ bars to 4 Ⓐ bars. Weld Ⓑ bar to Ⓐ bars and vortex plate. Weld remaining Ⓐ bars to Ⓑ, Ⓒ, and Ⓓ bars and top plate.
2. The trash rack and anti-vortex plate may be fabricated as a unit, or trash rack may be fabricated in identical halves and attached to vortex plate with 1/2-inch diameter U-bolts spaced approximately 12 inches center to center along the vertical and inclined sections of the Ⓐ bars next to the plate.
3. All bars are smooth round bars.
4. Trash rack assembly shall be galvanized after fabrication.

DETAILS OF CONICAL TRASH RACK

TRASH RACK FOR 24-INCH TO 36-INCH CORRUGATED METAL PIPE RISER

Date
Designed
Drawn
Checked
Approved



File Name

Drawing Name

Sheet of