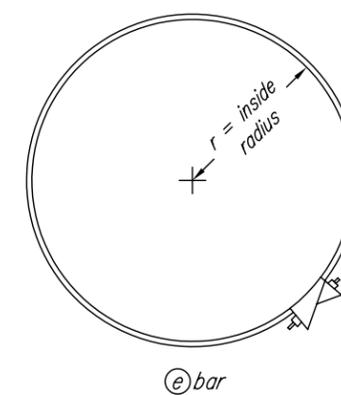
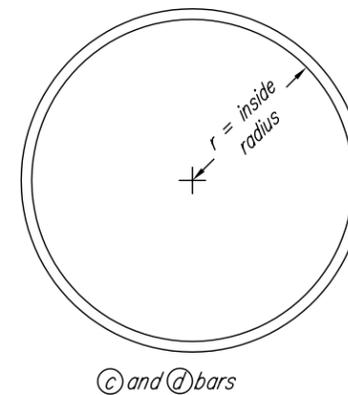
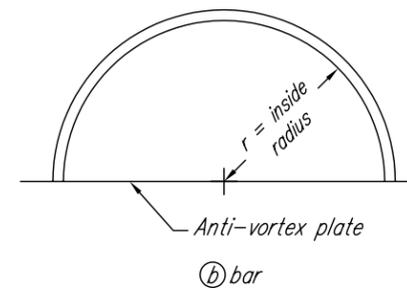
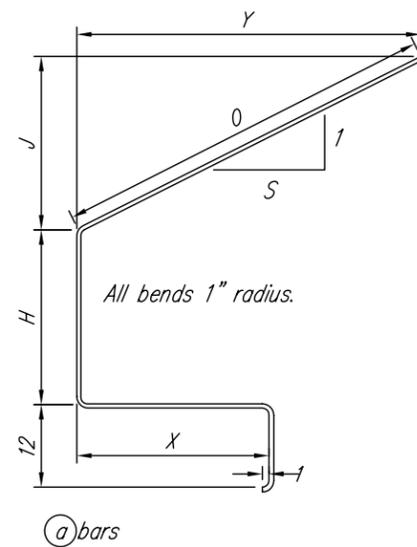
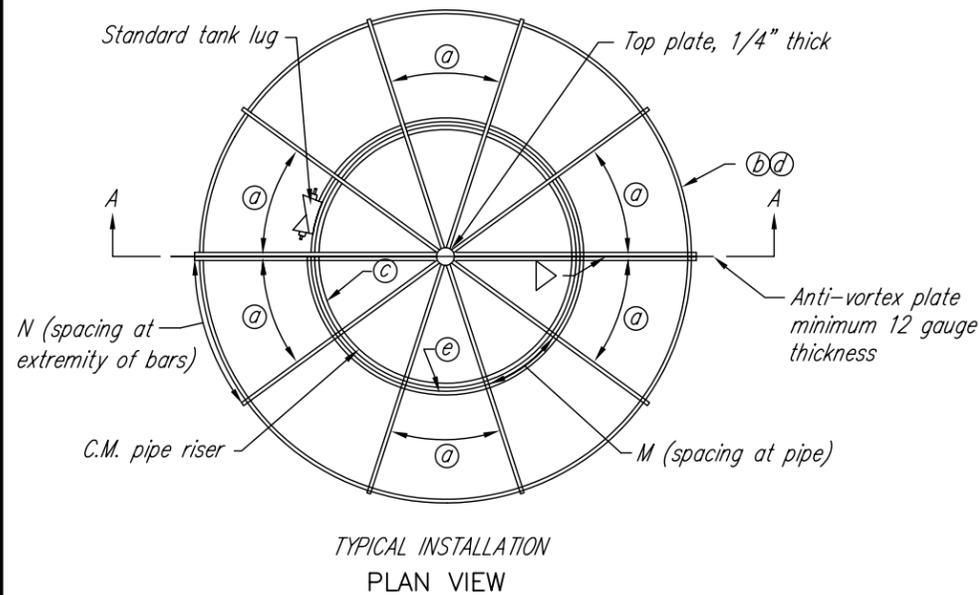
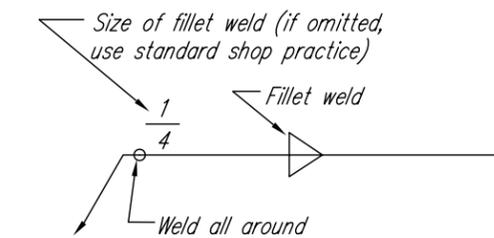
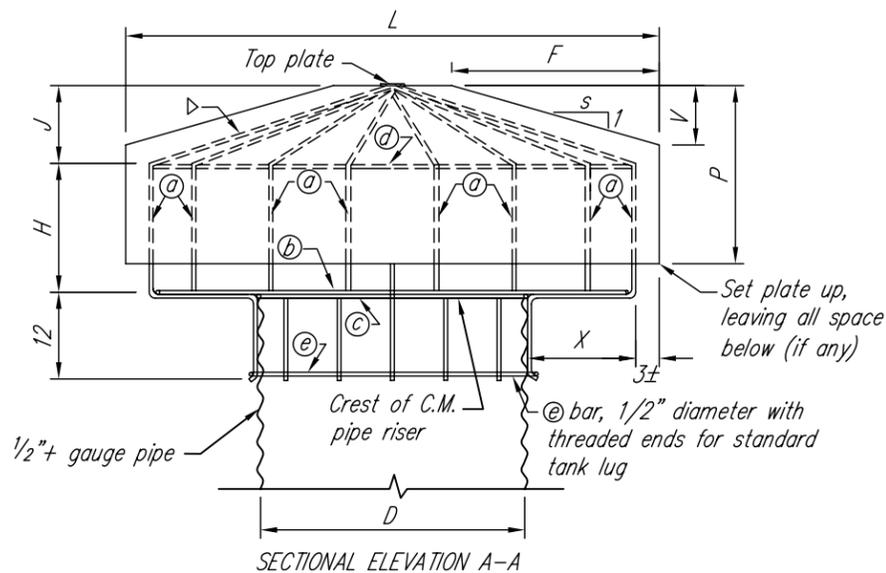


CONICAL TRASH RACK TABLE OF QUANTITIES

Net Area (ft <sup>2</sup> )	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)	
12" Diameter Corrugated Metal (C.M.) Riser																												
8.2	75	9	11 9/16	6	11 9/16	1	16 3/8	3-8 3/8	12	7 7/8	4 1/8	2-6	19	9	9	1	11 5/16	73	1	6	39 5/8	2	11 5/16	36 1/2	1	7 3/16	53	2
15" Diameter C.M. Riser																												
9.7	82	9	13 1/16	6	13 1/16	1	18 1/2	3-10 1/2	12	8 13/16	5 1/16	3-0	20	12	12	1	12 13/16	82 7/16	1	7 1/2	49 1/16	2	12 13/16	41 3/16	1	8 11/16	63	2
18" Diameter C.M. Riser																												
11.5	88	9	14 1/16	6	14 1/16	1	19 7/8	3-11 7/8	12	9 3/4	6	3-0	21	11	11	1	14 5/16	91 7/8	1	9	58 1/2	2	14 5/16	45 7/8	1	10 3/16	73	3
21" Diameter C.M. Riser																												
17.5	105	12	9 1/4	9	18 9/16	2	20 3/4	4-6 3/4	12	12 1/2	6 13/16	4-0	19	14	7	1	18 13/16	120 3/16	1	10 1/2	67 15/16	2	18 13/16	60 1/16	1	11 11/16	82	3



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.

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.

Date \_\_\_\_\_  
Designed \_\_\_\_\_  
Drawn \_\_\_\_\_  
Checked \_\_\_\_\_  
Approved \_\_\_\_\_



File Name \_\_\_\_\_  
Drawing Name \_\_\_\_\_  
Sheet \_\_\_\_\_ of \_\_\_\_\_

TRASH RACK FOR 12-INCH TO 21-INCH CORRUGATED METAL PIPE RISER