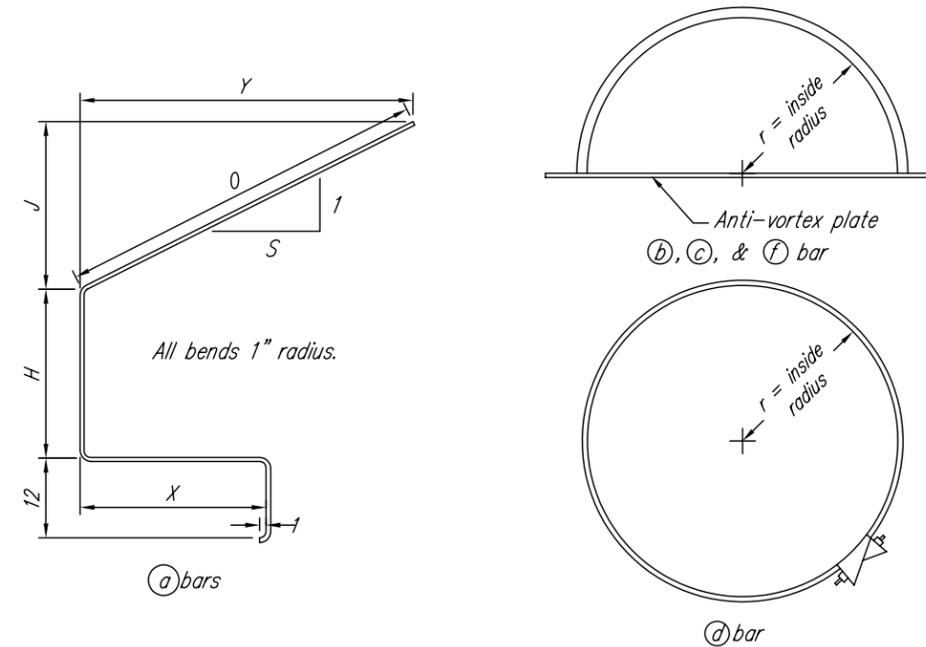
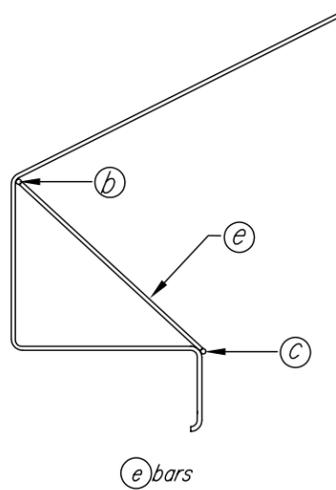
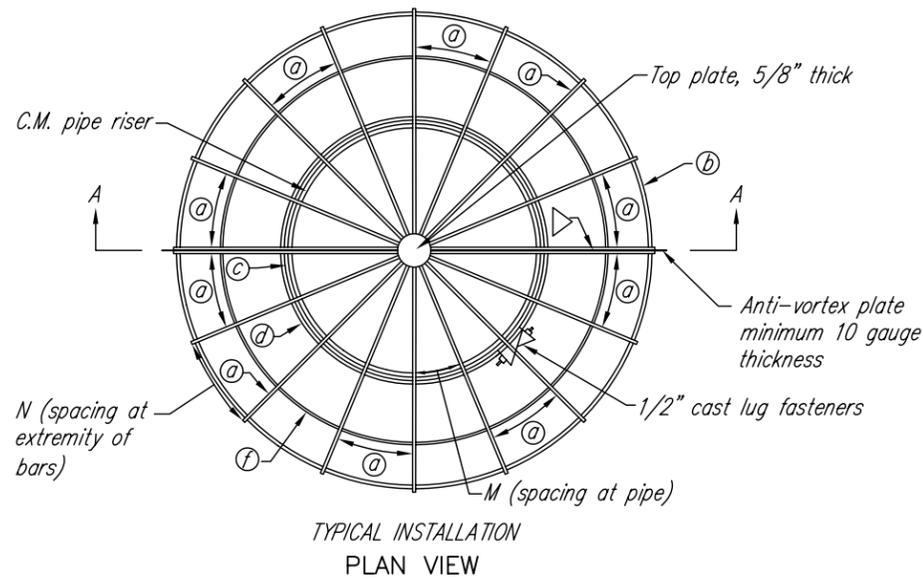
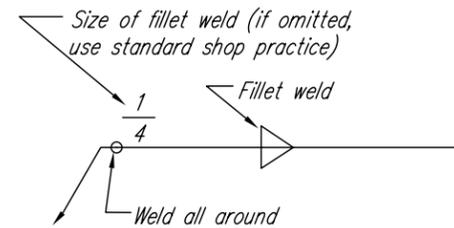
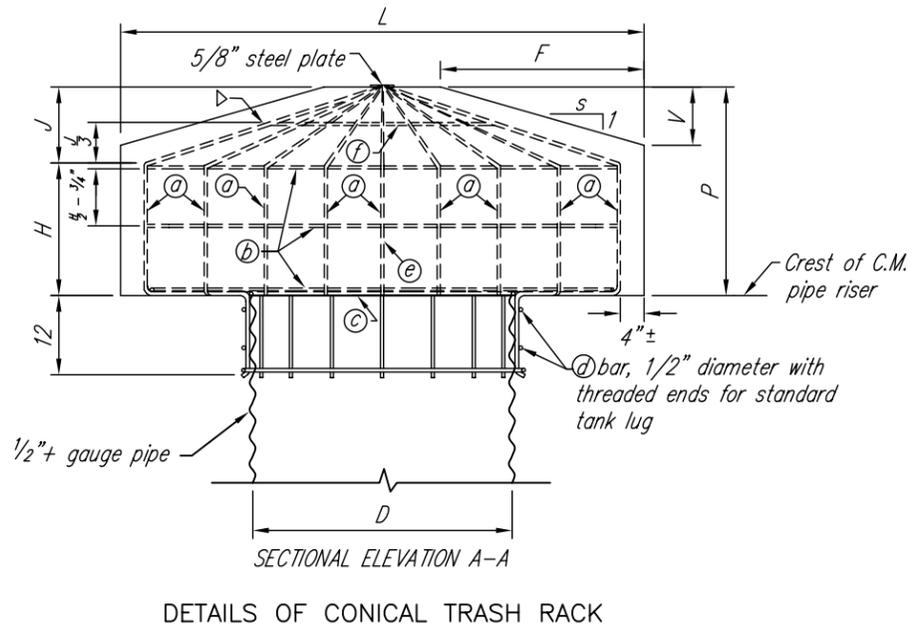


CONICAL TRASH RACK TABLE OF QUANTITIES

Net Area (ft <sup>2</sup> )	Approx. Weight (lbs.)	Ⓐ Bars - 3/4" Dia.										Baffle Plate				Ⓑ Bars - 3/4" Dia.			Ⓒ Bars - 5/8" Dia.			Ⓓ Bars - 1/2" Dia.			Ⓔ Bars - 3/4" Dia.			Ⓕ Bars - 5/8" 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	r (inches)	Length (inches)	
42" Diameter Corrugated Metal (C.M.) Riser																															
110.7	528	27	24 1/4	30	48 1/2	2	54	10-4	16	23	9 5/8	9-3	48	38	19	6	50	158 3/8	2	21	67 1/8	2	22 1/4	149				2	33 7/8	106 3/8	6
48" Diameter C.M. Riser																															
120.6	554	27	25 3/4	30	51 1/2	2	57 5/8	10-7 5/8	16	24 3/8	10 7/8	9-9	48	38	19	6	53	167 7/8	2	24	76 5/8	2	25 1/4	168				2	35 7/8	112 3/4	6
54" Diameter C.M. Riser																															
162.1	721	30	29 3/4	36	59 1/2	2	67 5/8	12-1 5/8	18	24 7/8	10 3/4	11-4	58	50	25	6	62	196 1/8	2	27	86	2	28 1/4	187	2	straight	46 7/8	2	42 1/4	132 3/4	8
60" Diameter C.M. Riser																															
236.4	925	33	30 1/4	49	75 1/2	2.5	81 3/8	14-8 3/8	20	27 5/8	9 5/8	14-0	60	57	24	6	78	246 3/8	2	30	95 3/8	2	31 1/4	206	4	straight	59 1/8	2	52 7/8	166 1/8	8



- Notes:
1. Weld Ⓒ, Ⓓ, and Ⓔ bars to Ⓔ rods and weld Ⓔ rods to top plate.
  2. When Ⓔ rods are used, weld them to the two Ⓔ rods that are perpendicular (or the two rods most perpendicular) to the anti-vortex baffle plate.
  3. 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 the anti-vortex baffle 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.
  4. All bars are smooth round bars.
  5. Trash rack assembly shall be galvanized after fabrication.



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.

TRASH RACK FOR 42-INCH TO 60-INCH CORRUGATED METAL PIPE RISER

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



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