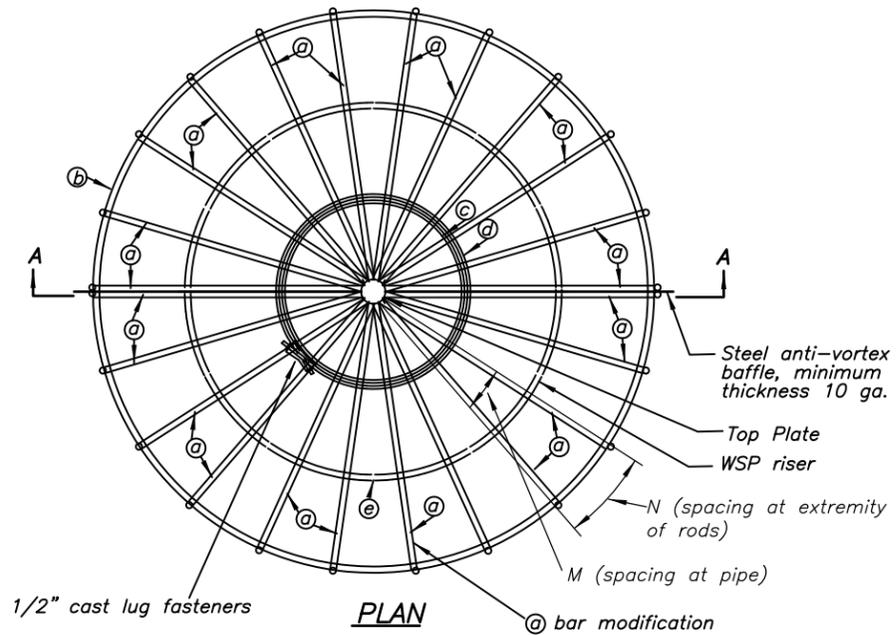


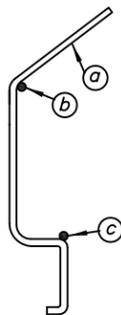
TABLE OF CAPACITIES, DIMENSIONS AND QUANTITIES

Q	Ⓐ rods—3/4" dia.							Baffle plate				Ⓑ rods—3/4" dia.		Ⓒ rods—5/8" dia.			Ⓓ rods—1/2" dia.			Ⓔ rods—5/8" dia.			Top plate Dia.				
	H	R	X	Y	S	O	Total Length	No. Req'd	N	M	L	P	F	V	No. Req'd	r	Length	No. Req'd	r	Length	No. Req'd	r		Length	No. Req'd	r	Length
Weir flow(c.f.s.)	Inches	Inches	Inches	Inches	Inches	Inches			Inches	Inches	Inches	Inches	Inches	Inches		Inches	Inches		Inches	Inches		Inches	Inches		Inches	Inches	Inches
141	27	25 3/4	29 3/4	51 1/2	2	57 1/2	10'-7 1/2"	22	17 1/8	7 11/16	9-9	48	38	19	6	53	167 1/4	2	24	75 1/2	2	25 3/8	168	2	36	113 3/4	6

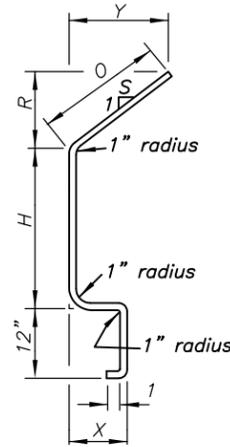
48" DIAMETER RISER (MAX. BARREL = 36" DIA.)



CONSTRUCTION DIAGRAM FOR Ⓒ RODS

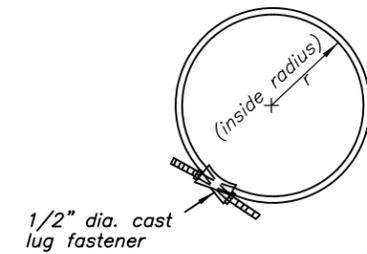


BENDING DIAGRAM FOR Ⓐ RODS

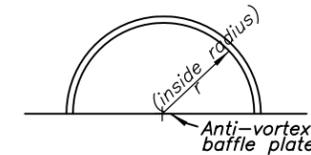


FABRICATION NOTES:

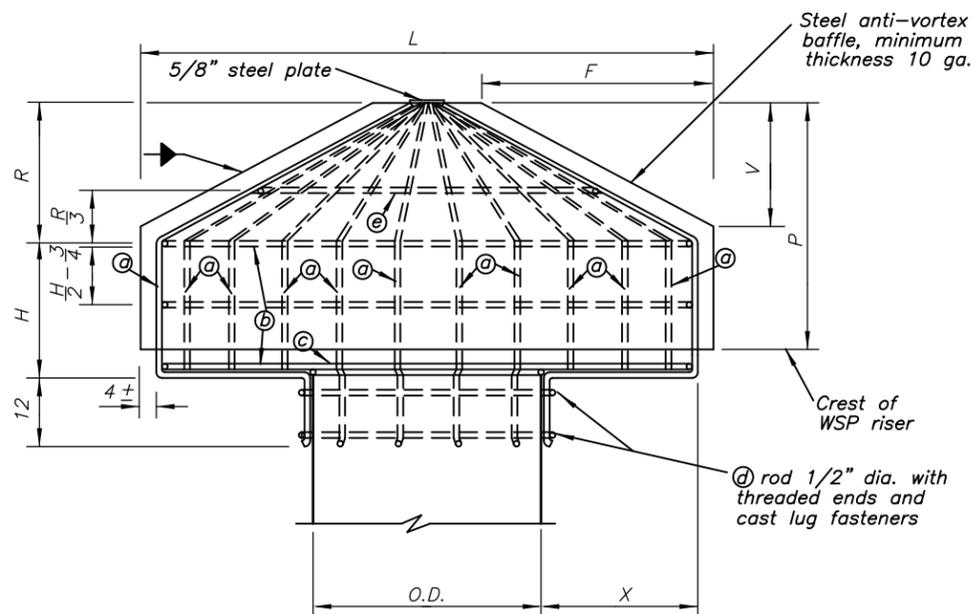
1. Weld 4 Ⓑ, Ⓒ and Ⓓ rods to Ⓐ rods and weld Ⓐ rods to top plate.
2. The trash rack may be fabricated in identical halves and attached to the baffle plate with 1/2 inch diameter U bolts spaced approximately 12 inches C-C along the vertical and inclined sections of the Ⓐ rods next to the plate.
3. Q in the table is based on weir flow for indicated depth of flow (H), using a weir coefficient of 3.33.
4. Trash rack to be fabricated from smooth round steel bars conforming to ASTM Designation A-36.
6. Trash rack to have one coat of paint.
7. Outside diameter of riser is 48 inches. Allow 1/4 inch clearance for ease of installation.



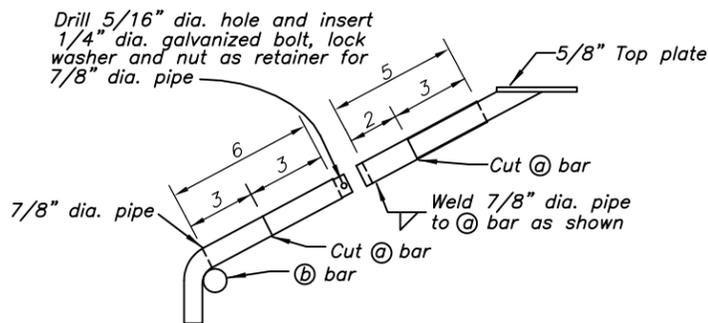
BENDING DIAGRAM FOR Ⓓ RODS



BENDING DIAGRAM FOR Ⓑ, Ⓒ & Ⓓ RODS



SECTIONAL ELEVATION A-A



BAR MODIFICATION

CONICAL TRASH RACK DETAIL FOR
48" DIAMETER SMOOTH RISER

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

DRAFT
NOT FOR
CONSTRUCTION



File Name _____
Drawing Name
29-N-206