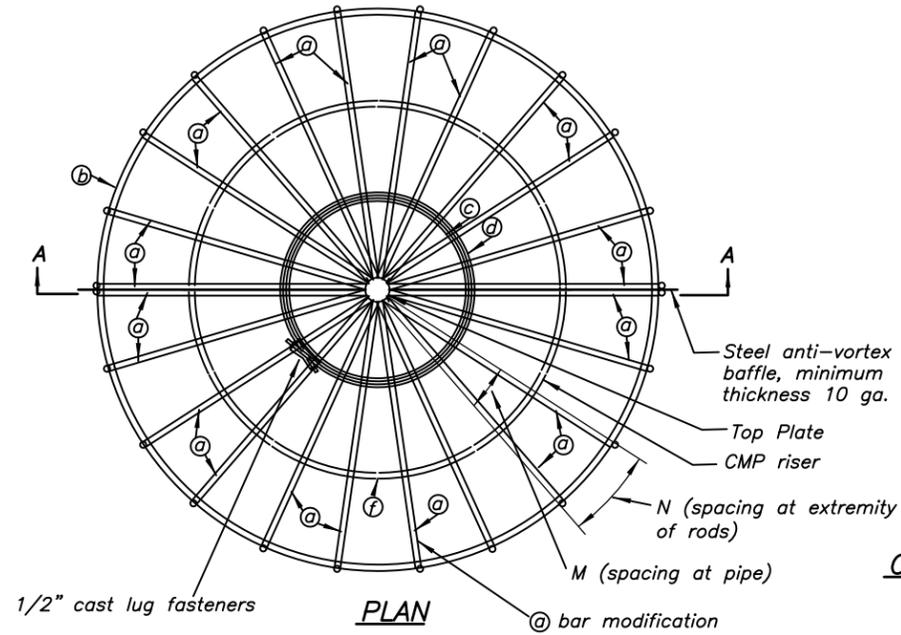


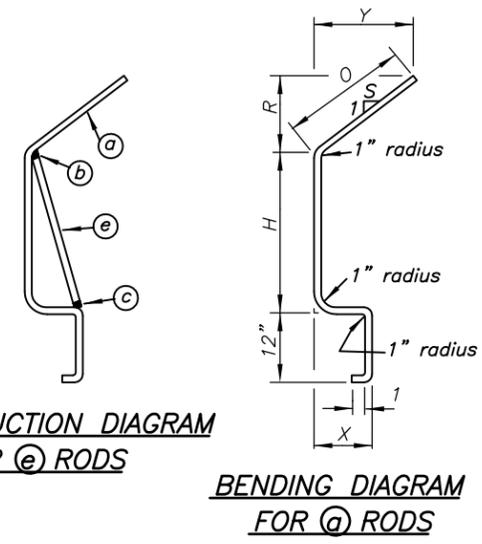
29N203

TABLE OF CAPACITIES, DIMENSIONS AND QUANTITIES

Q Weir flow(c.f.s.)	a) rods-3/4" dia.								Baffle plate				b) rods-3/4" dia.			c) rods-5/8" dia.			d) rods-1/2" dia.			e) rods-3/4" dia.			f) rods-5/8" dia.			Top plate Dia. Inches		
	H Inches	R Inches	X Inches	Y Inches	S Inches	O Inches	Total Length	No. Req'd	N Inches	M Inches	L Inches	P Inches	F Inches	V Inches	No. Req'd	r Inches	Length Inches	No. Req'd		r Inches	Length Inches									
124	27	24 1/4	30	48 1/2	2	54	10'-4"	20	17 13/16	7 3/8	42" DIAMETER C.M.P. RISER (MAX. BARREL = 36" DIA.)														6					
											9-3	48	38	19	6	50	157 3/4	2	21	66 1/2	2	22 3/8	149	---	---	---	2	34	106 3/4	6
141	27	25 3/4	30	51 1/2	2	57 1/2	10'-7 1/2"	22	17 1/8	7 11/16	48" DIAMETER C.M.P. RISER (MAX. BARREL = 36" DIA.)														6					
											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
186	30	29 13/16	36	59 1/2	2	66 3/4	12'-1 3/4"	24	18 1/16	7 3/4	54" DIAMETER C.M.P. RISER (MAX. BARREL = 42" DIA.)														8					
											11-4	58	50	25	6	62 1/8	195 7/8	2	27	85 1/2	2	28 3/8	186	4	str.	46	2	42 1/4	133 3/8	8
238	33	31 3/4	49	75 1/2	2 3/8	81 3/4	14'-8 3/4"	30	17 13/16	6 7/8	60" DIAMETER C.M.P. RISER (MAX. BARREL = 48" DIA.)														8					
											14-0	60	57	24	6	78 1/8	246 1/2	2	30	95	2	31 3/8	206	2	str.	57	2	53 1/4	168	8



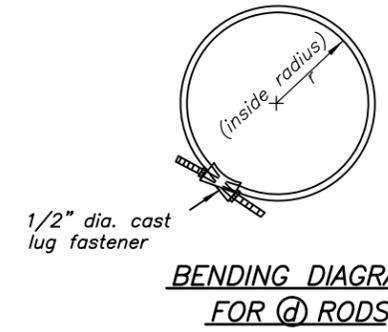
CONSTRUCTION DIAGRAM FOR @ RODS



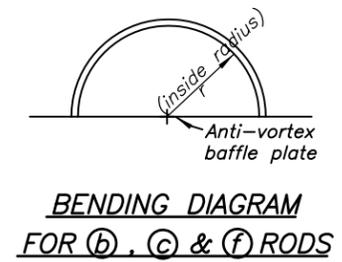
BENDING DIAGRAM FOR @ RODS

FABRICATION NOTES:

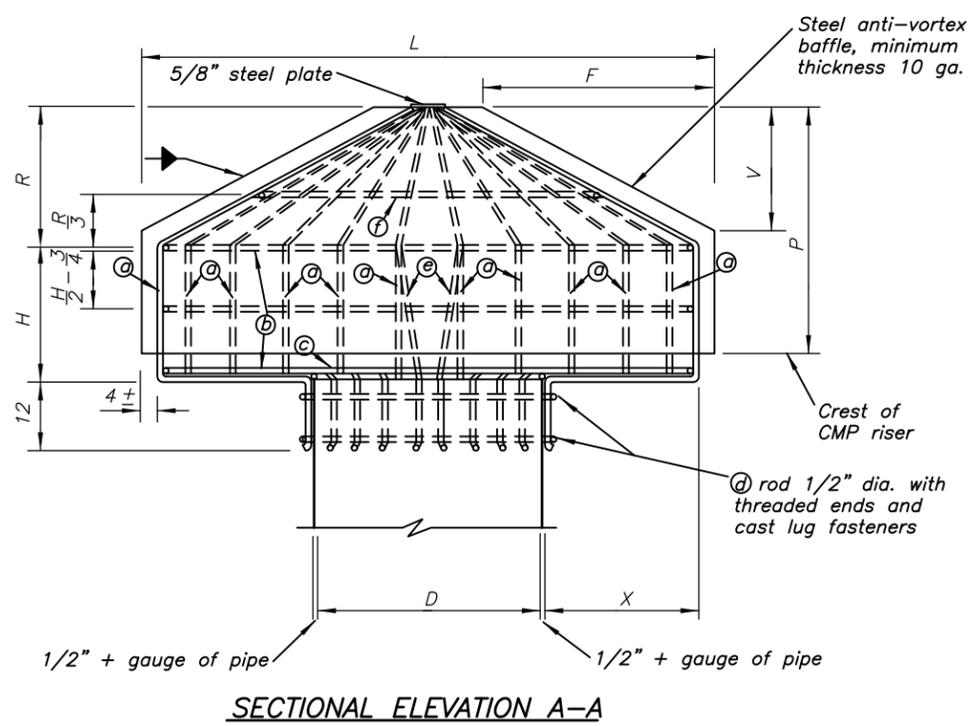
1. Weld 4 (b), (c) and (f) rods to (a) rods and weld (a) rods to top plate.
2. When (e) rods are used, weld them to the (a) rods that are perpendicular (or the two (a) rods most nearly perpendicular) to the anti-vortex baffle plate.
3. The trash rack may be fabricated in identical halves and attached 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 (a) rods next to the plate.
4. Q in the table is based on weir flow for indicated depth of flow (H), using a weir coefficient of 3.33.
5. Trash rack shown on this plan is for a 54 inch diameter CMP riser.
6. Trash rack to be fabricated from smooth round steel bars conforming to ASTM Designation A-36.
7. Trash rack to have one coat of paint.



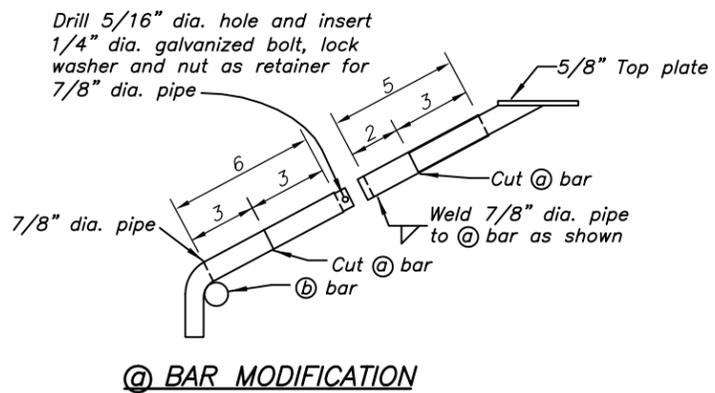
BENDING DIAGRAM FOR @ RODS



BENDING DIAGRAM FOR (b), (c) & (f) RODS



SECTIONAL ELEVATION A-A



@ BAR MODIFICATION

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

42" TO 60" DIAMETER PIPE RISER  
 TRASH RACK AND BAFFLE PLATE  
 FOR CMP RISER



DRAFT  
 NOT FOR  
 CONSTRUCTION

File Name \_\_\_\_\_  
 Drawing Name  
 29-N-203  
 Sheet \_\_\_\_\_ of \_\_\_\_\_