

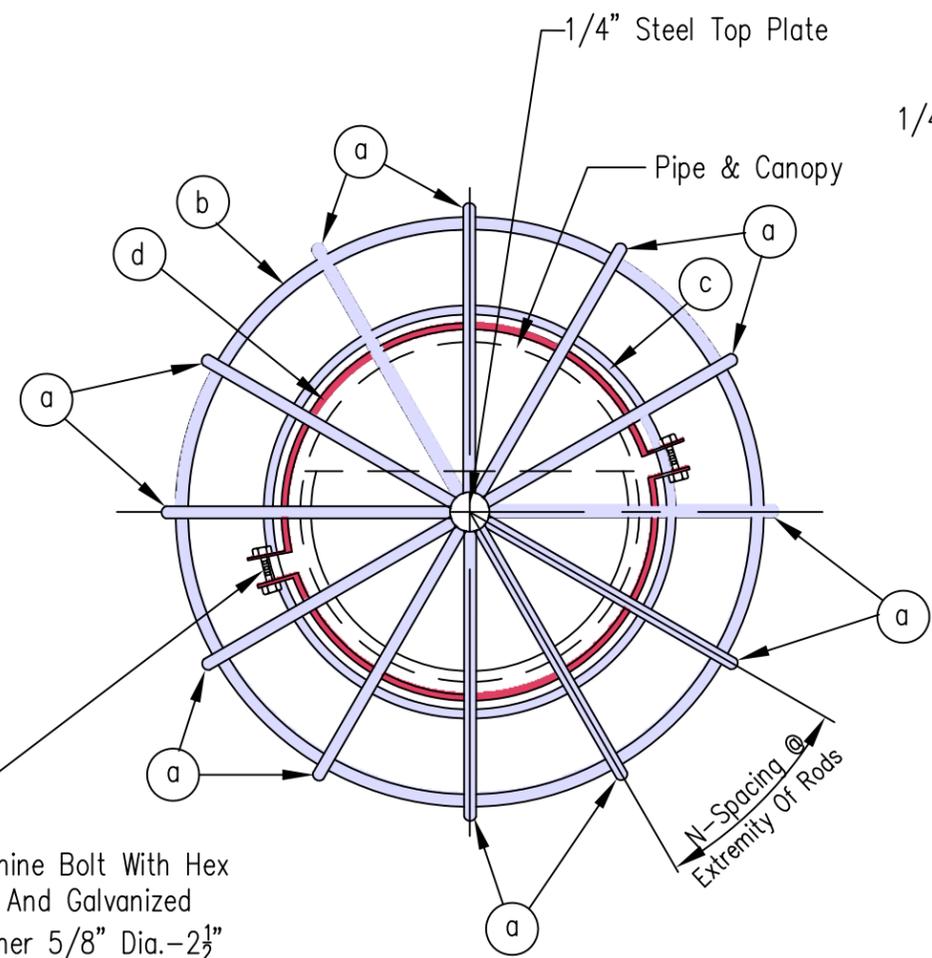
- NOTES:
1. Metal rods must conform to ASTM A-36 designation
  2. Weld (b) and (c) rods and (d) strap to (a) rods and weld (a) to steel top plate.
  3. Surface Preparation: Use solvent to remove any oil, grease or other soluble contaminant from the surface. After solvent cleaning, sand or grit blast to remove dirt, rust mill scale and other foreign material residue.
  4. Painting: Apply two coats of paint as follows. One coat of Epoxy Polyamide Primer and one coat of Epoxy Polyamide Finish.
  5. Intended for use with canopy inlet pipe structure.

Designed	_____	Date	_____
Drawn	M. QUINONES		4/1/16
Checked	_____		_____
Approved	_____		_____

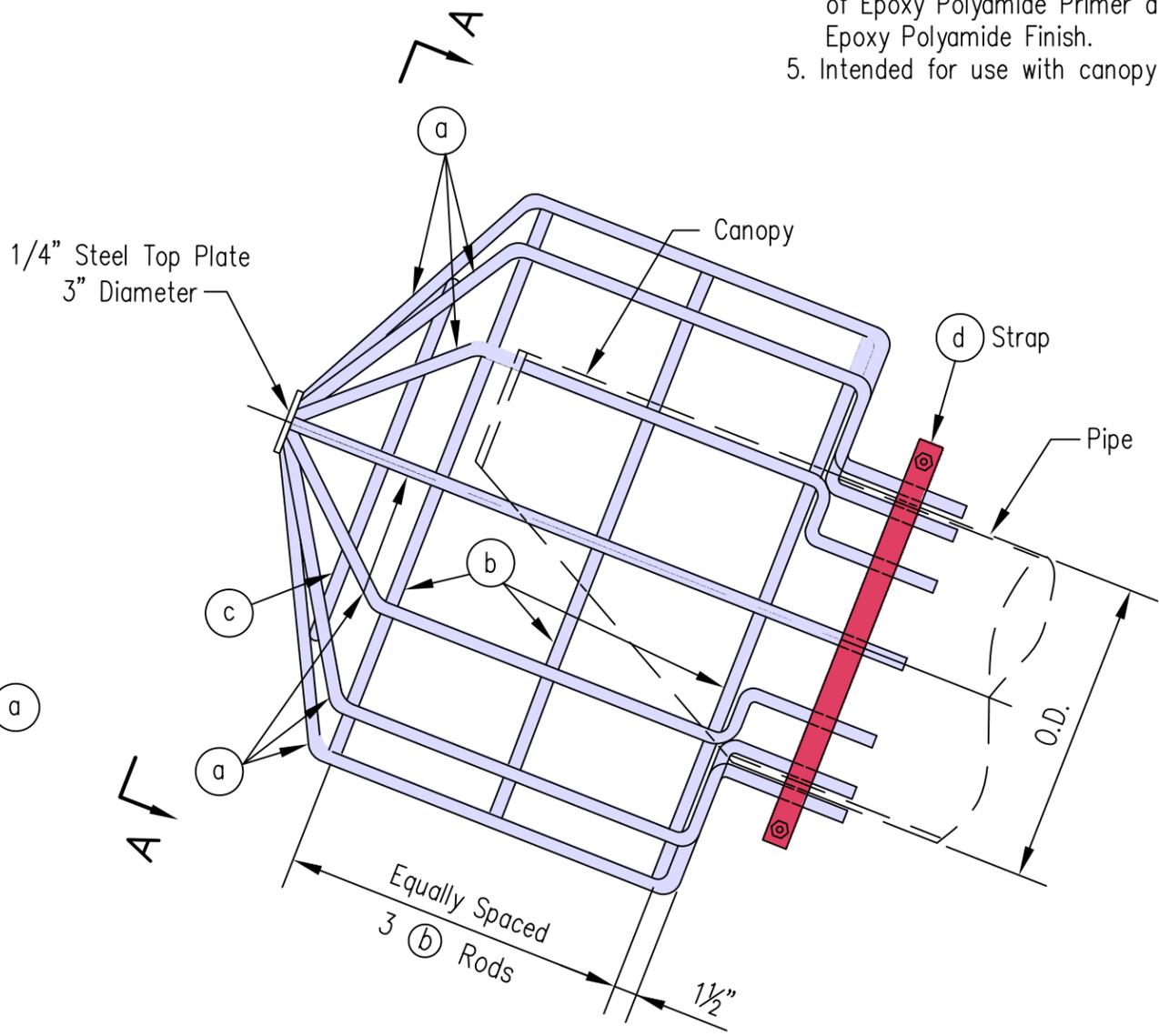
**CONICAL TRASH RACK DETAIL  
FOR 6" TO 24" DIAMETER PIPE**

United States  
Department of  
Agriculture  
**USDA**  
Natural Resources  
Conservation Service

File No.  
IL-ENG-76  
Drawing No.  
Page 1 of 2  
Sheet of



**SECTION A-A**

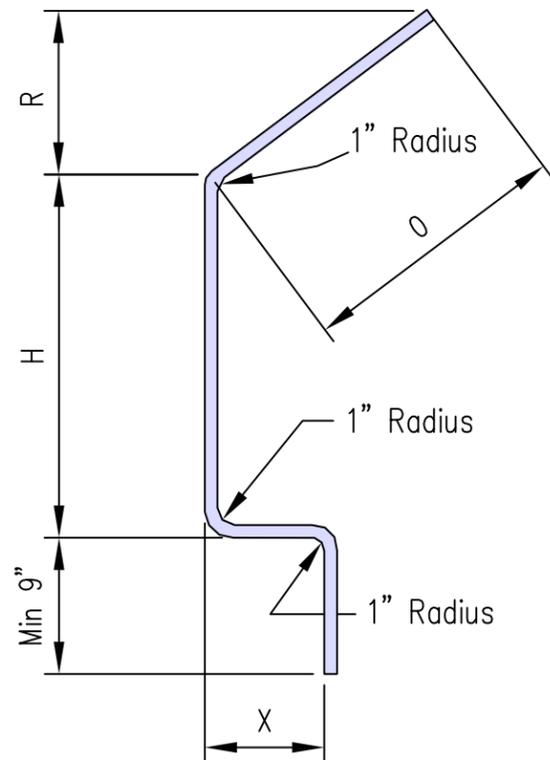


**SIDE VIEW**

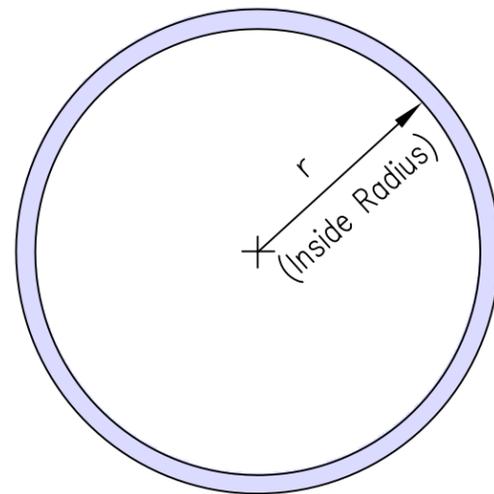
Not To Scale

TABLE OF DIMENSION AND QUANTITIES

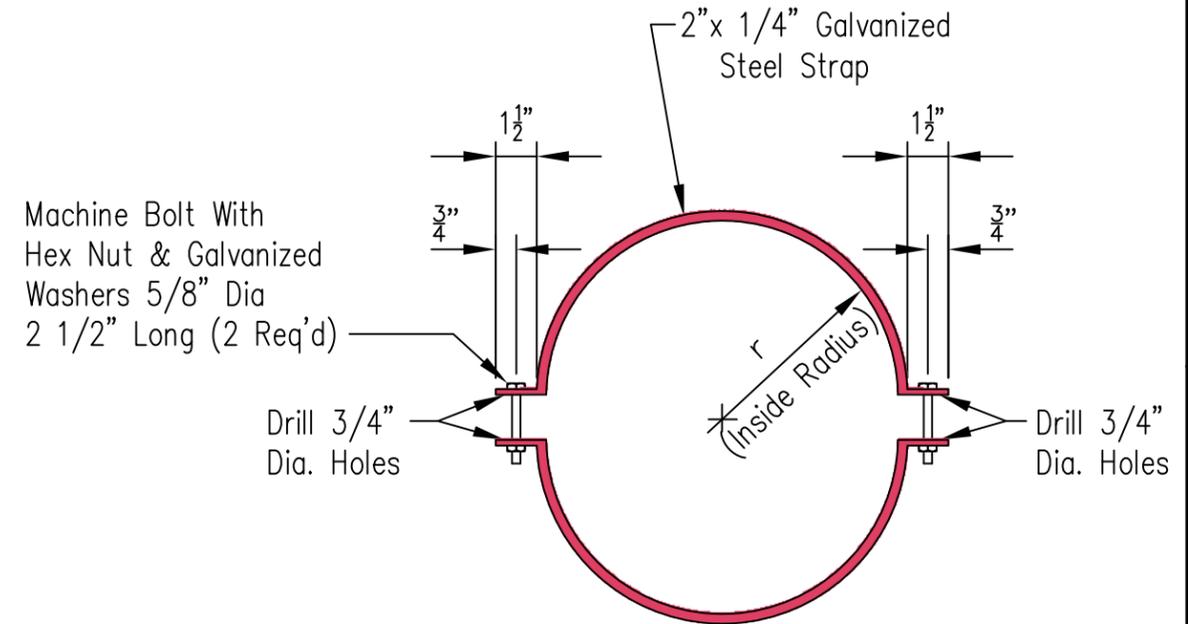
Pipe O.D.	Approx. Weight	Ⓐ Rod Size	H	R	X	O	Total Length	No. Req'd	N	Ⓑ Rod Size	r	Length	No. Req'd	Ⓒ Rod Size	r	Length	No. Req'd	Ⓓ Strap Size	r	Length	No. Req'd
In.	Lbs.	In.	In.	In.	In.	In.	In.		In.	In.	In.	In.		In.	In.	In.		In.	In.	In.	
6	21.00	3/8	9	4	6	9 1/2	34	14	4	3/8	8 1/4	51 7/8	3	--	--	--	0	2x1/4	3 3/8	27 1/4	1
8	18.00	3/8	11	4 1/2	6	10 1/2	37	10	6 1/4	3/8	9 1/4	58 1/8	3	--	--	--	0	2x1/4	4 3/8	32 1/2	1
10	20.00	3/8	13	5 1/2	6	11 1/2	40	10	7	3/8	10 1/4	64 1/2	3	--	--	--	0	2x1/4	5 3/8	38 3/8	1
12	21.00	3/8	15	5 1/2	6	12 1/2	43	10	7 1/2	3/8	11 1/4	70 5/8	3	--	--	--	0	2x1/4	6 3/8	45	1
14	41.00	1/2	17	6	6	14	46	10	8 1/8	1/2	12	75 3/8	3	1/2	5	31 3/8	1	2x1/4	7 1/2	52 1/8	1
16	44.00	1/2	19	6 1/2	6	15	49	10	8 3/4	1/2	13	81 5/8	3	1/2	6	37 5/8	1	2x1/4	8 1/2	58 3/8	1
18	61.00	1/2	22	8 1/2	9	19 1/2	60	12	9 1/2	1/2	17	106 3/4	3	1/2	7	44	1	2x1/4	9 1/2	64 5/8	1
20	111.00	5/8	25	9	9	20 1/2	64	12	10	5/8	17 3/4	111 1/2	3	5/8	8	50 1/4	1	2x1/4	10 5/8	71 3/4	1
22	107.00	5/8	28	10	9	22	68	12	10 1/2	5/8	18 3/4	117 3/4	3	5/8	8	50 1/4	1	2x1/4	11 5/8	78	1
24	113.00	5/8	30	10 1/2	9	23	71	12	11	5/8	19 3/4	124	3	5/8	9 3/8	58 7/8	1	2x1/4	12 5/8	84 3/8	1



BENDING DIAGRAM FOR Ⓐ RODS



BENDING DIAGRAM FOR Ⓑ AND Ⓒ RODS



BENDING DIAGRAM FOR Ⓓ STRAP

Date \_\_\_\_\_  
 Designed \_\_\_\_\_  
 Drawn M. QUINONES  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_  
 4/1/16

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 FOR 6" TO 24" DIAMETER PIPE

United States Department of Agriculture  
 Natural Resources Conservation Service

File No. IL-ENG-76  
 Drawing No. \_\_\_\_\_  
 Page 2 of 2  
 Sheet \_\_\_\_\_ of \_\_\_\_\_

Not To Scale