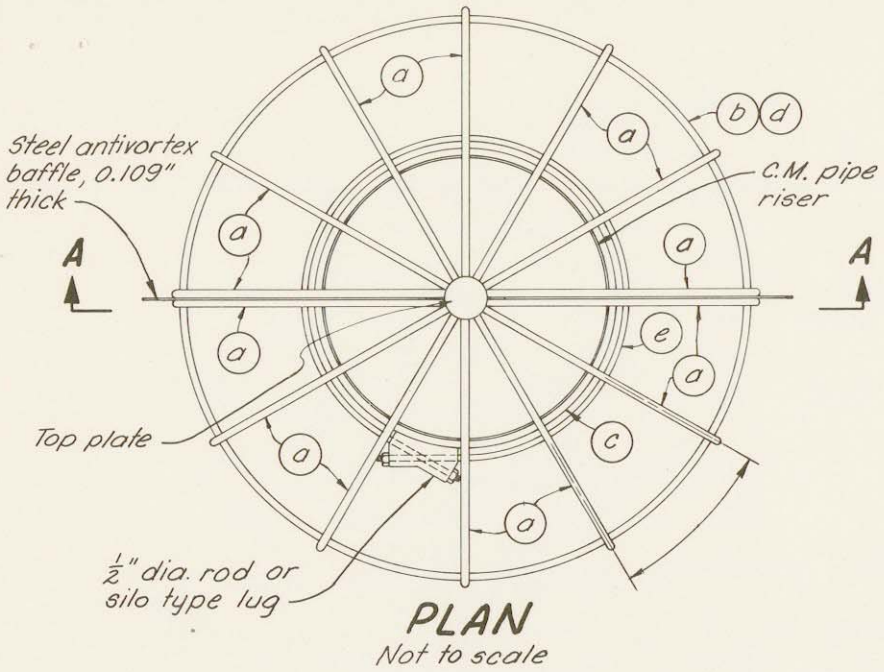
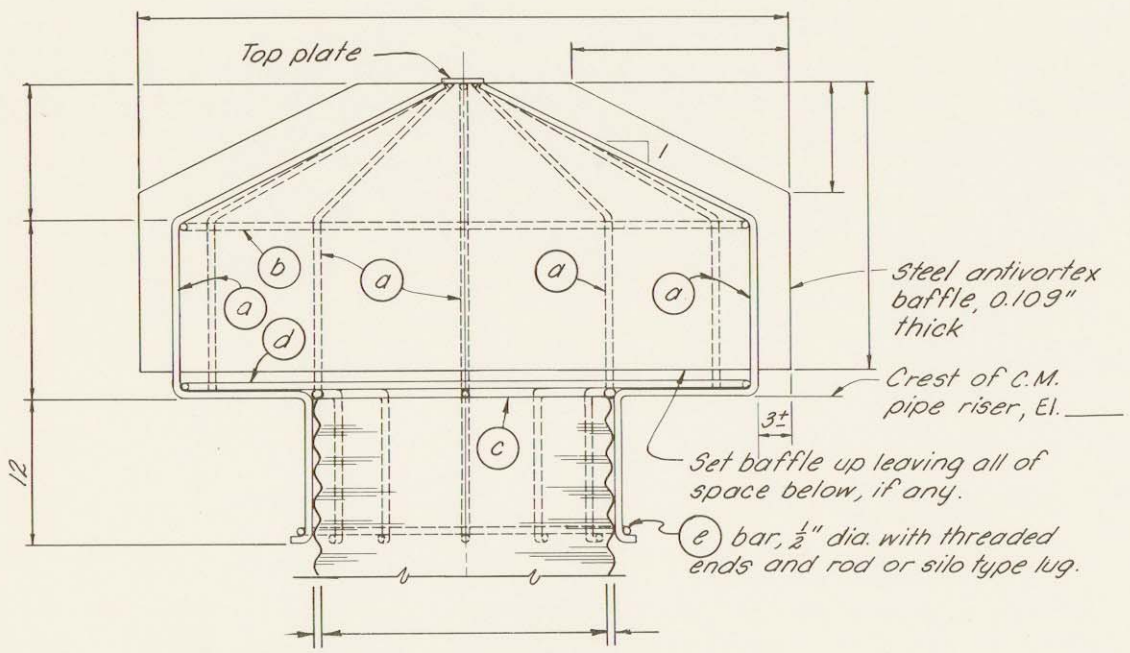
TABLE OF DIMENSIONS AND QUANTITIES FOR ___"DIA. C.M. PIPE RISER

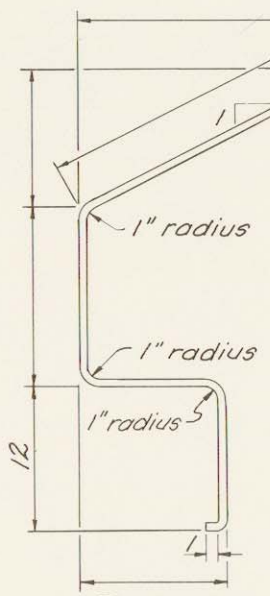
(a) BARS 5/8" DIA.									BAFFLE PLATE				(b) BARS 5/8" DIA.			(c) BARS 5/8" DIA.			(d) BARS 5/8" DIA.			(e) BARS 1/2" DIA.			TOP PLATE 1/4" THICK	NO. OF LUGS REQ'D.	TRASH RACK WEIGHT LB.
H IN.	R IN.	X IN.	Y IN.	S	O IN.	TOTAL LENGTH	NO. REQ'D.	N IN.	L FT. IN.	P IN.	F IN.	V IN.	NO. REQ'D.	r IN.	LENGTH IN.	NO. REQ'D.	r IN.	LENGTH IN.	NO. REQ'D.	r IN.	LENGTH IN.	NO. REQ'D.	r IN.	LENGTH IN.	DIA. IN.		



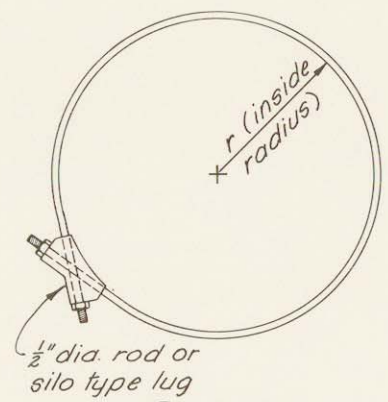
PLAN
Not to scale



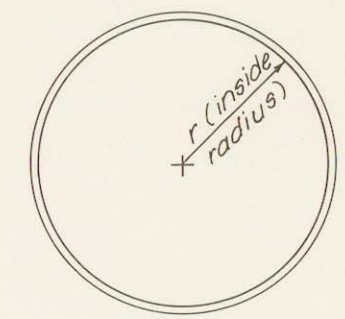
SECTIONAL ELEVATION A-A
Not to scale



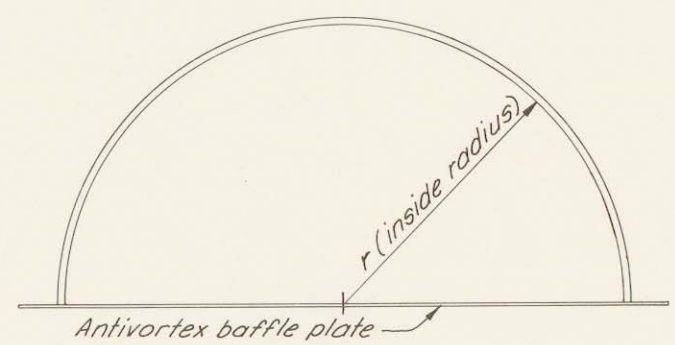
(a) BARS



(e) BARS



(c) AND (d) BARS



(b) BARS

BENDING DIAGRAM

NOTES:

1. WELD 4 (a) BARS TO BAFFLE PLATE AND TO TOP PLATE. WELD (c) AND (d) BARS TO 4 (a) BARS. WELD (b) BAR TO (a) BARS AND BAFFLE PLATE. WELD REMAINING (a) BARS TO (b), (c), AND (d) BARS AND TOP PLATE.
2. THE TRASH RACK AND ANTIVORTEX BAFFLE MAY BE FABRICATED AS A UNIT, OR TRASH RACK MAY BE FABRICATED IN IDENTICAL HALVES AND ATTACHED TO BAFFLE PLATE WITH 1/2" DIA. U BOLTS SPACED APPROXIMATELY 12" c-c ALONG THE VERTICAL AND INCLINED SECTIONS OF THE (a) BARS NEXT TO THE PLATE.
3. ALL BARS ARE SMOOTH ROUND BARS.
4. FINISH _____

REFERENCE: GUIDE PLAN NO. 6.0

JOB PLAN NO. 6.0

12" TO 36" DIA. CONICAL TRASH RACK AND BAFFLE PLATE

OPERATOR: _____

CONSERVATION DISTRICT: _____

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	Date		
Designed		Approved by	
		Title	
Drawn		Title	
Traced		Sheet No. of	Drawing No.
Checked			

5, N-29,073.6a