

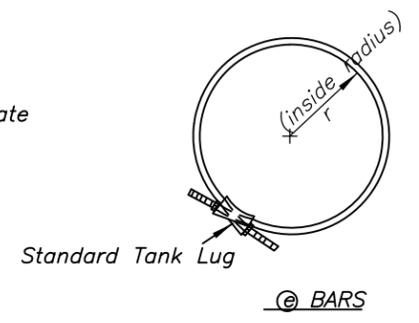
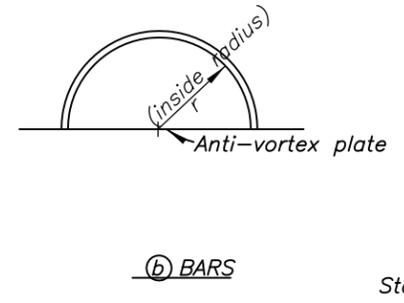
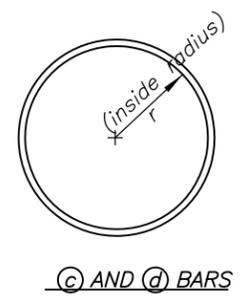
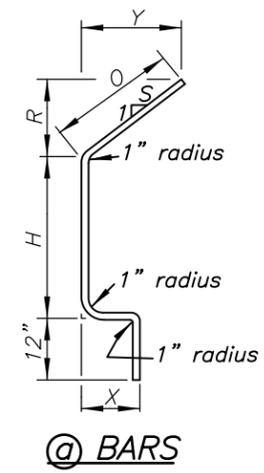
TABLE OF DIMENSIONS AND QUANTITIES													
Ⓐ BARS 5/8 DIAM							ANTI-VORTEX PLATE 12 GA				TOP PLATE 1/4 THICK		
H	R	X	Y	S	O	Total	No	N	L	P	F	V	Diam
Inches	Inches	Inches	Inches	Inches	Inches	LENGTH	Req'd	Inches	Inches	Inches	Inches	Inches	Inches
21	12 1/8	20	36 1/2	3	38 1/2	7 -9 1/2	14	19 3/4	7 -6	30	30	10	4

Ⓑ BARS 5/8 DIAM			Ⓒ BARS 5/8 DIAM			Ⓓ BARS 5/8 DIAM			Ⓔ BARS 1/2 DIAM		
No	r	Length	No	r	Length	No	r	Length	No	r	Length
Req'd	Inches	Inches	Req'd	Inches	Inches	Req'd	Inches	Inches	Req'd	Inches	Inches
2	36 3/4	115 1/2	1	17 3/8	109	1	36 3/4	231	1	18 5/8	129

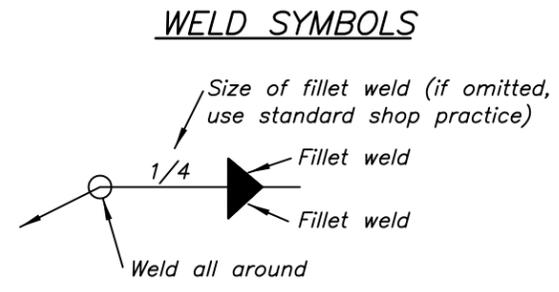
Length of Ⓑ , Ⓒ , Ⓓ and Ⓔ bars based on inside radius.
 Approximate Weight of Trash Rack = 244 Pounds (Steel)

- FABRICATION NOTES:**
- Weld 4 Ⓐ Bars to vortex plate and to top plate. Weld Ⓒ and Ⓓ bars to 4 Ⓐ bars. Weld Ⓑ bar to Ⓐ bars and vortex plate. weld remaining Ⓐ bars to Ⓑ , Ⓒ and Ⓓ bars and top plate.
 - The trash rack and antivortex plate may be fabricated as a unit, or trash rack may be fabricated in identical halves and attached to the vortex plate with 1/2" diam. U bolts spaced approximately 12" c-c along the vertical and inclined sections of the Ⓐ bars next to the plate.
 - All bars are to be smooth round bars.

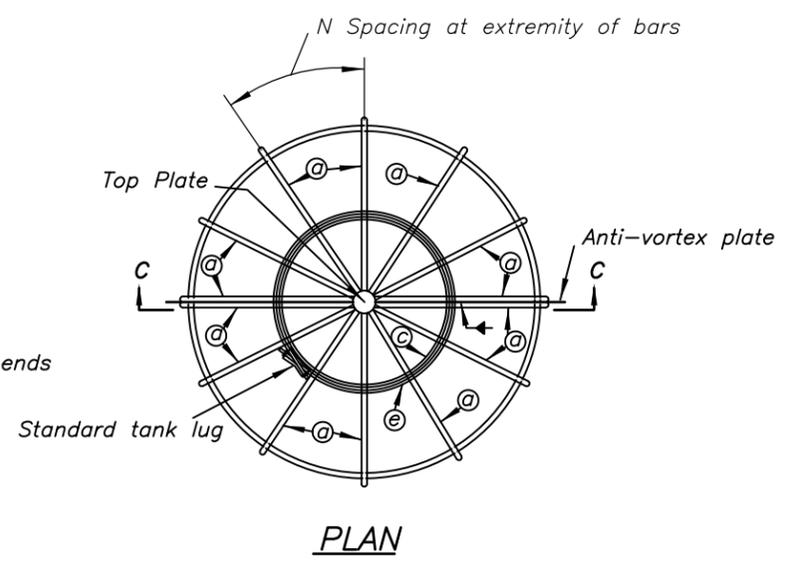
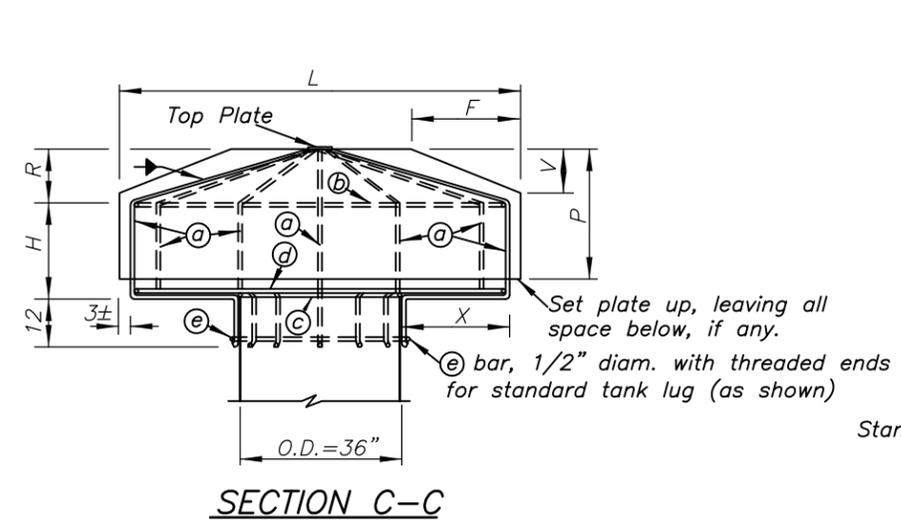
- INSTALLATION NOTE:**
- The trash rack shall have one coat of paint.



BENDING DIAGRAM



NOTES: 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 to which arrow points.



DETAILS OF CONICAL TRASH RACK FOR VERTICAL PIPE INLET
 N.T.S.

CONICAL TRASH RACK DETAIL FOR
 36" DIAM SMOOTH RISER

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

DRAFT
 NOT FOR
 CONSTRUCTION



File Name _____

Drawing Name
 29-N-204

Sheet _____ of _____