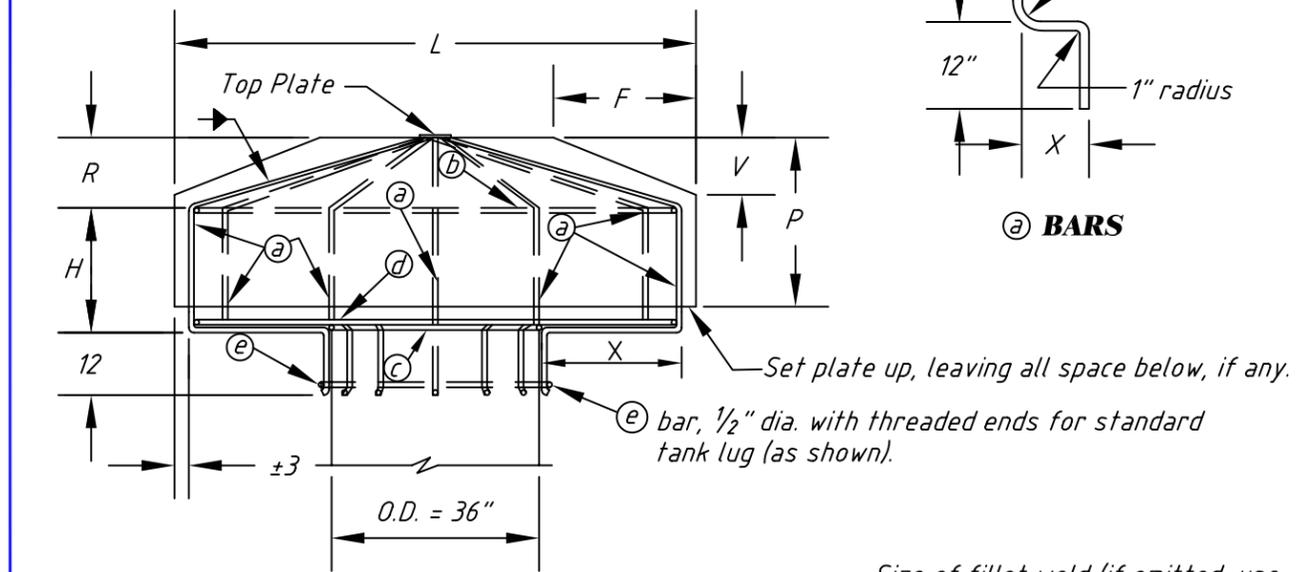
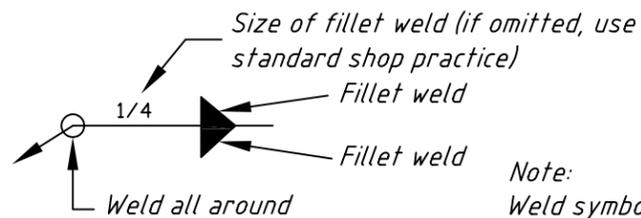


PLAN



SECTION C-C



WELD SYMBOLS

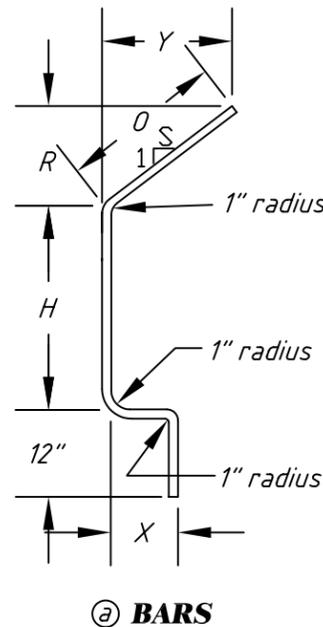
Note:
Weld symbol above line indicates weld is on opposite side of joint to which arrow points.
Weld symbol below line indicates weld is on side to which arrow points.

TABLE OF DIMENSIONS AND QUANTITIES

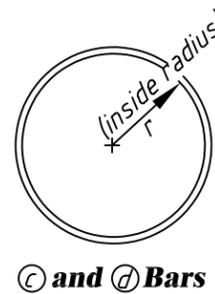
Ⓐ BARS 5/8" DIA.										ANTI-VORTEX PLATE, 12 GA.				TOP PLATE 1/4 THICK
H	R	X	Y	S	O	Total Length	No Req'd	N	L	P	F	V	Dia.	
Inches	Inches	Inches	Inches		Inches			Inches		Inches	Inches	Inches	Inches	
21	12 1/8	20	36 1/2	3	38 1/2	7-9 1/2	14	19 3/4	7-6	30	30	10	4	

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

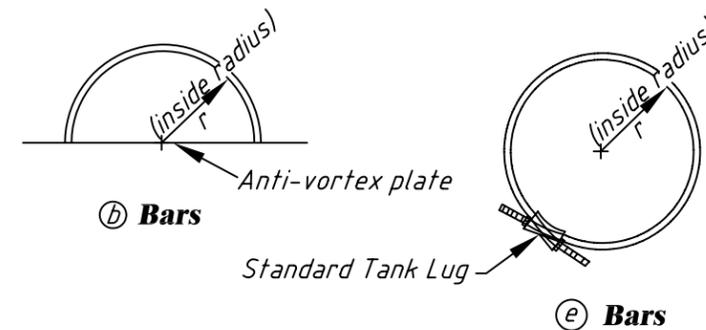
Length of Ⓑ, Ⓒ, Ⓓ and Ⓔ bars based on inside radius.
Approximate Weight of Trash Rack = 244 Pounds (Steel)



Ⓐ BARS



Ⓒ and Ⓓ Bars



BENDING DIAGRAM

Installation Note:

The trash rack shall have one coat of paint.

Fabrication Notes:

1. 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.
2. The trash rack and antivortex plate may be fabricated as a unit, or the trash rack may be fabricated in identical halves and attached to the vortex plate with 1/2" dia. U bolts spaced approximately 12" c to C along the vertical and inclined sections of the Ⓐ bars next to the plate.
3. All bars are to be smooth round bars.

Date: _____
 Designed: _____
 Drawn: _____
 Checked: _____
 Approved: _____

Cooperator: _____
 Conical Trash Rack and Baffle
 County Conservation District _____
 County, Wyoming _____



File No. _____
 Drawing No. 378-06
 Sheet _____ of _____