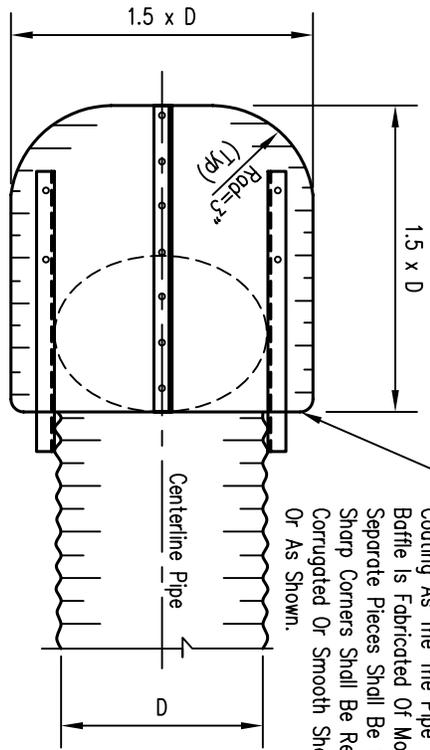


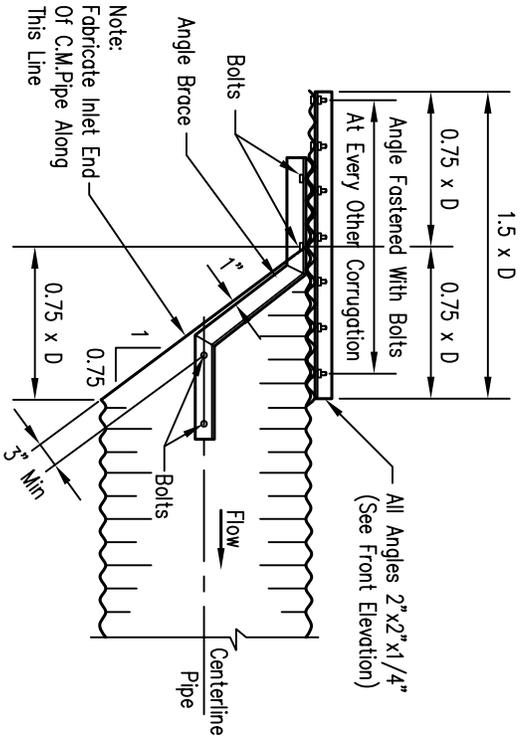
Landowner

Location

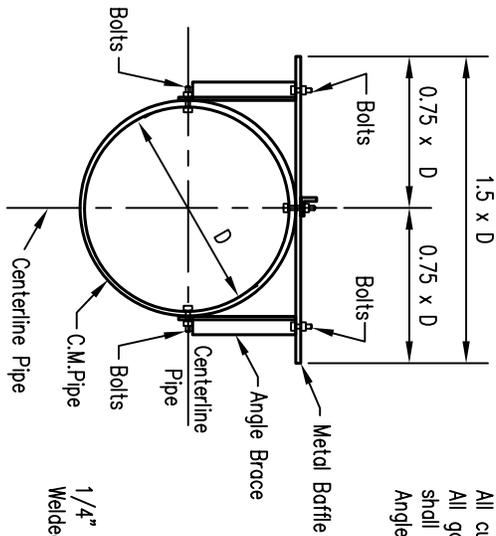


**PLAN**

Metal Baffle Shall Be The Same Material And Have The Same Coating As The Pipe To Which It Is Attached. Where Metal Baffle Is Fabricated Of More Than One Piece Of Metal, The Separate Pieces Shall Be Securely Fastened To Each Other. Sharp Corners Shall Be Removed. Metal Baffle May Be Made Of Corrugated Or Smooth Sheet Metal and Shaped Circular, Square Or As Shown.



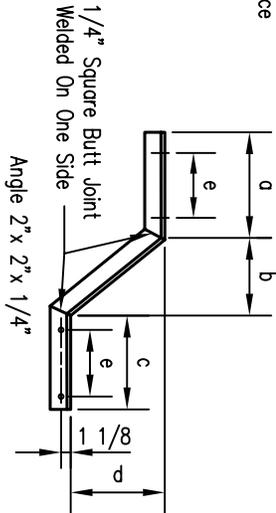
**SIDE ELEVATION**



**FRONT ELEVATION**

Dia. Of Pipe D (Inches)	Gage Of Baffle	GAGE OF METAL BAFFLE AND DIMENSIONS OF ANGLE BRACE				
		a	b	c	d	e
6	16	Not Required				
8	16	Not Required				
10	16	Not Required				
12	16	8	3 3/4	9	5	5 1/3
15	16	9	4 7/8	9	6 1/2	5 1/3
18	16	10	6	9	8	5 1/3
21	16	10	7 1/8	9	9 1/2	5 1/3
24	14	13	8 1/4	12	11	8
30	14	13	10 1/2	12	14	8

**NOTES:**  
 All nuts and bolts and washers shall be galvanized, cadmium plated or stainless steel.  
 All bolts shall be 1/2" x 1 1/2" with nut and split washer.  
 Steel angles shall be galvanized.  
 Holes in the angle brace shall be spaced and located to match corrugations in pipe and baffle.  
 All cuts shall be saw or shear cuts.  
 All galvanizing damaged by cutting, drilling, or welding shall be repaired.  
 Angle brace is optional for 12" and 15" diameter pipe.



**ANGLE BRACE DETAIL**

(1 Left And 1 Right Required For Each Baffle)

Drawing adapted from Illinois



**HOOD INLET FOR C.M. PIPES  
 DETAILS FOR FABRICATION**

Designed		Date	
Drawn	M. QUINONES		10/01
Checked			
Approved			

File No. TN-ENG-202A  
 Drawing No.