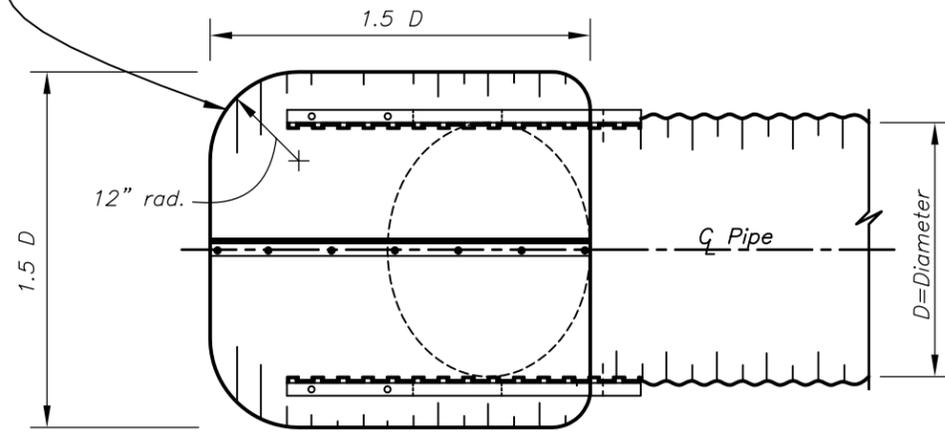
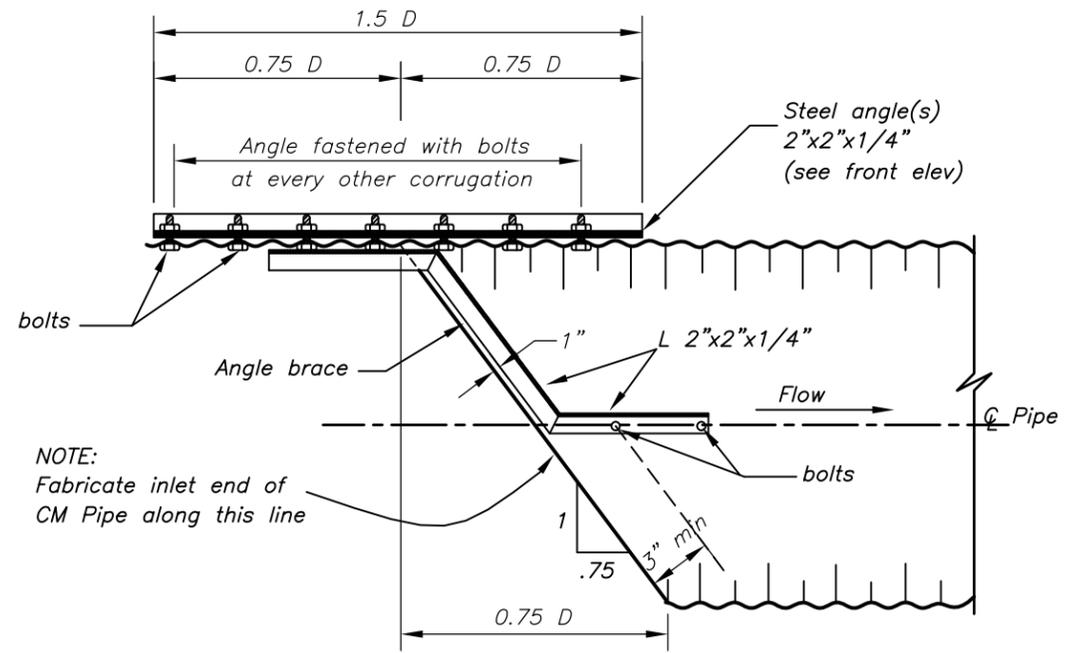


Metal baffle shall have the same coating as the pipe to which it is attached. Where metal baffle is fabricated of more than one piece of metal, the separate pieces shall be securely fastened to each other. Sharp corners shall be removed. Metal baffle may be made of corrugated or smooth sheet metal and shaped circular, square or as shown.



PLAN



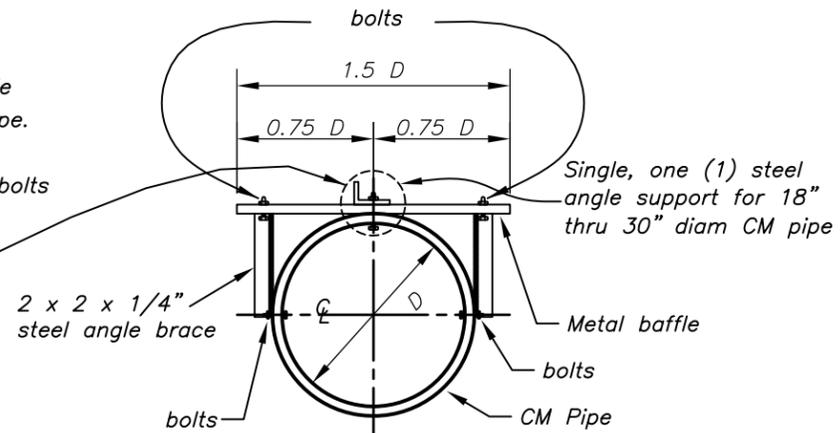
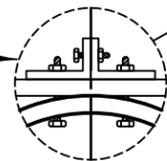
SIDE ELEVATION

NOTE:
Fabricate inlet end of CM Pipe along this line

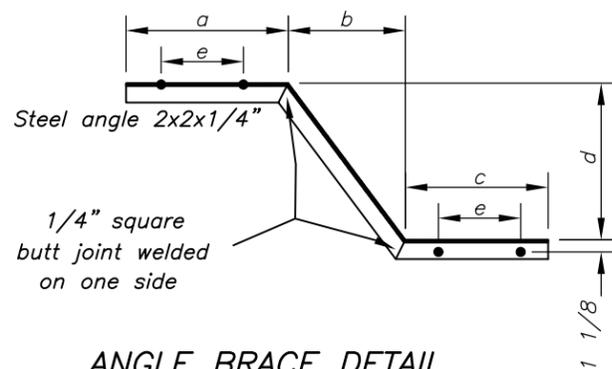
NOTES:

1. All bolts shall be 1/2" x 1 1/2" with nut and lock washers.
2. All holes for bolts shall be drilled 9/16" diameter.
3. All nuts, bolts and washers shall be galvanized, cadmium plated or stainless steel.
4. All cuts shall be saw or shear cuts.
5. Holes in the angle brace shall be spaced and located to match corrugations in pipe and baffle.
6. Steel angles shall be galvanized.
7. All galvanizing damaged by cutting, drilling or welding shall be repaired by painting with two (2) coats of zinc dust-zinc oxide primer.
8. For additional details see Missouri Construction Specification 378, Pipe Spillway.

Back-to-back two (2) steel angle support for 36"-48" diam CM Pipe. Bolt angles to each other with 3 bolts. Bolt angles to baffle with bolts staggered at every corrugation.



FRONT ELEVATION



ANGLE BRACE DETAIL

GAGE OF METAL BAFFLE AND DIMENSIONS OF ANGLE BRACE						
Diam of Pipe D	Gage of Baffle	Angle Brace Dimensions in Inches				
		a	b	c	d	e
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
36"	12	13	12 3/4	12	17	8
42"	12	17	15	15	20	10 2/3
48"	10	17	17 1/4	15	23	10 2/3

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

DETAILS OF HOOD INLET AND BAFFLE
PLATE FOR 18" TO 48" DIAM, CMP



DRAFT
NOT FOR
CONSTRUCTION

File Name _____

Drawing Name
29-N-104

Sheet _____ of _____