

BILL OF DEFORMED STEEL FOR ONE CATCH BASIN HAVING
ONE PIPE IN ONE END & ONE SIDE

(Same Size Pipes)

	18" PIPE		24" PIPE		30" PIPE		36" PIPE	
	No. Unit Each	Length Ft. .in.	No. Unit Each	Length Ft. .in.	No. Unit Each	Length Ft. .in.	No. Unit Each	Length Ft. .in.
a	1 ¹ / ₄ 10	4 - 9	47 - 6	13	4 - 9	61 - 9	15	4 - 9
a ₁	1 ¹ / ₄			5	1 - 7	7 - 11	5	2 - 2
b	1 ¹ / ₄			5	3 - 11	19 - 7	5	4 - 6
b ₁	1 ¹ / ₄ 7	3 - 9	26 - 3	2	4 - 4	8 - 8	3	4 - 10
b ₂	1 ¹ / ₄ 4	2 - 9	11 - 0	4	3 - 4	13 - 4	2	3 - 10
c	1 ¹ / ₄			11	3 - 3	35 - 9	11	3 - 10
c ₁	1 ¹ / ₄ 12	2 - 6	30 - 0	2	2 - 6	5 - 0	2	2 - 6
Total Length		114'-9"				152'-0"		
Total Weight		77 lbs.				102 lbs.		
								173 - 11"
								186 - 8"
								126 lbs.

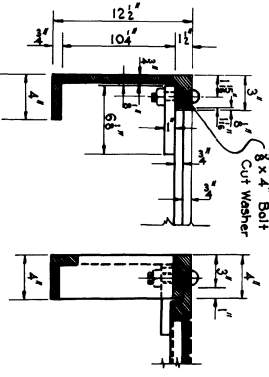
QUANTITIES FOR ONE CATCH BASIN

Size of Pipe in End and Side	Dimensions of Catch Basin			Concrete Cu. Yds.	Rein. Steel Pounds	Castings Pounds
	Length	Width	Height			
18" Conc. Pipe	4'-0"	1'-9"	3'-8"	.96	77	564
24" Conc. Pipe	4'-0"	2'-6"	4'-2 ¹ / ₄ "	1.26	102	564
30" Conc. Pipe	4'-0"	3'-1"	4'-9"	1.50	116	564
36" Conc. Pipe	4'-0"	3'-8"	5'-3 ¹ / ₄ "	1.76	126	564

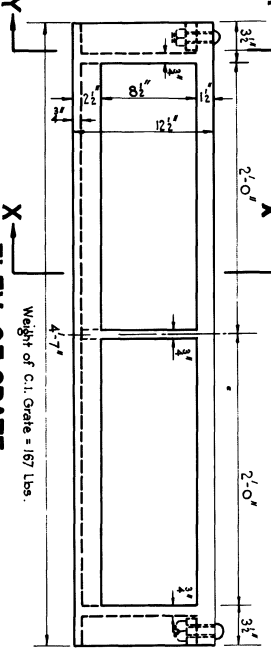
QUANTITIES FOR ONE EXTRA FOOT OF HEIGHT

Size of Pipe in End and Side	Dimensions of Catch Basin			Concrete Cu. Yds.	Rein. Steel Pounds	Castings Pounds
	Length	Width	Height			
18" Conc. Pipe	4'-0"	1'-9"	1'-0"	0.25	17	None
24" Conc. Pipe	4'-0"	2'-6"	1'-0"	0.28	18	None
30" Conc. Pipe	4'-0"	3'-1"	1'-0"	0.30	18	None
36" Conc. Pipe	4'-0"	3'-8"	1'-0"	0.32	19	None

SECTION Z-Z



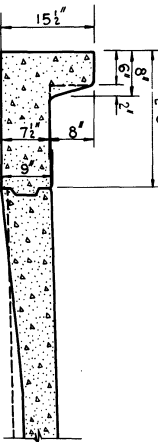
SECTION Y-Y SECTION X-X



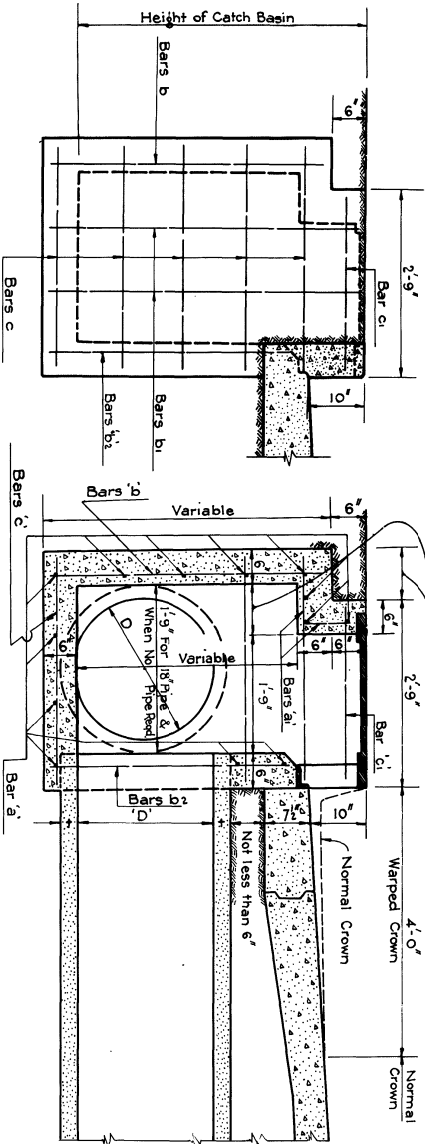
PLAN OF FRAME AND COVER

Weight of C.I. Frame = 129 Lbs.
Weight of C.I. Cover = 268 Lbs.

ELEV. OF GRATE



NORMAL CURB SECTION

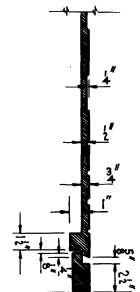


SECTION C-C

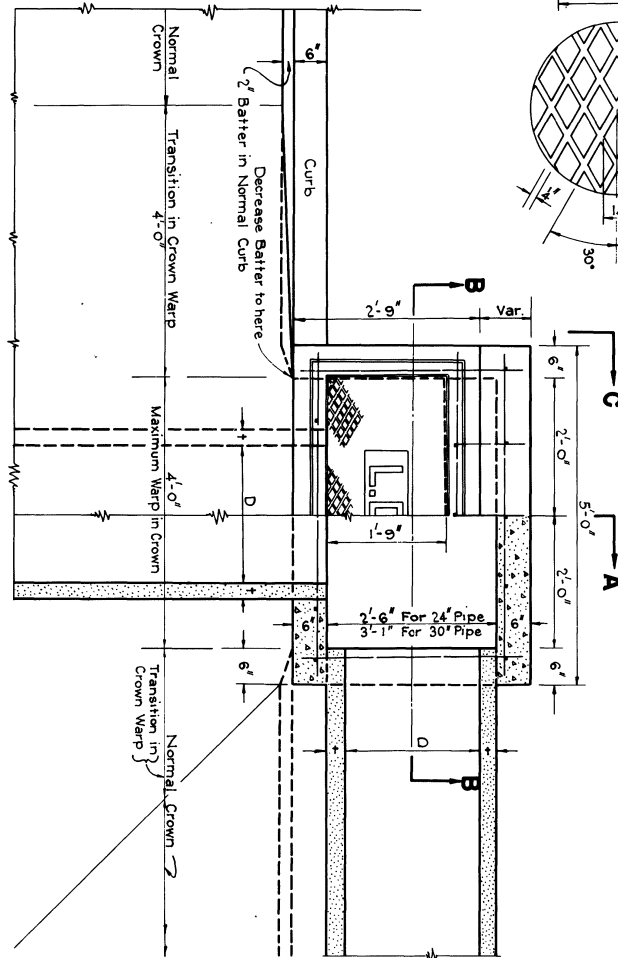
SECTION A-A

Note: When 18" pipe or no pipe is used in Side Wall, The Rear Wall has no Offset at top.

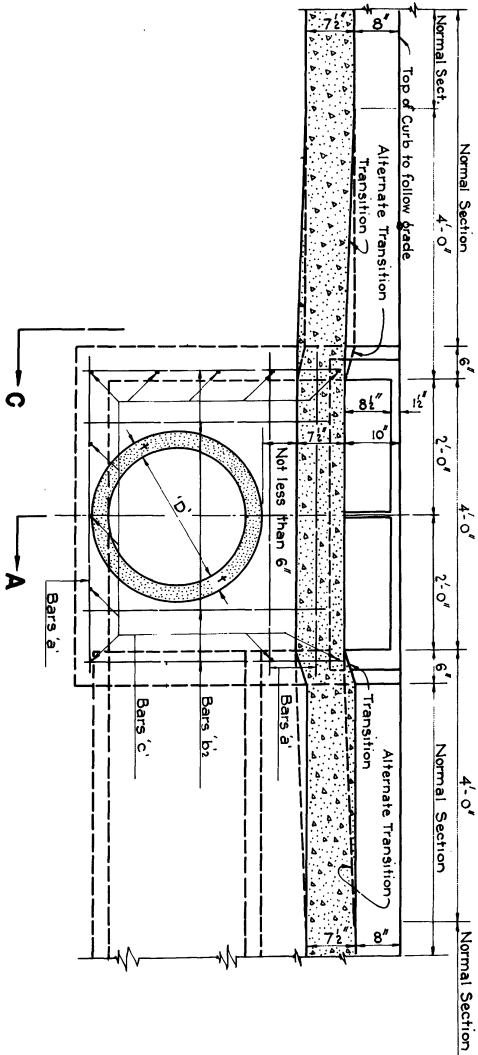
SECTION W-W



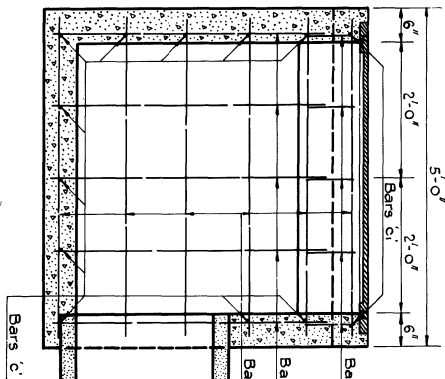
HALF PLAN AND HALF HORIZ. SECTION



SECTIONAL ELEV. AT CURB



SECTION B-B



R-CB-15

Note: The Contractor will not pour above the bottom of the Slope until the pouring adjacent to the basin has been completed.

STATE OF LOUISIANA			
DEPARTMENT OF HIGHWAYS			
STANDARD PLAN			
R. C. CATCH BASIN			
10" CURB EXPOSURE			
DATED June 1, 1944			
DESIGNED BY W. T. L.			
CHECKED BY C. F. G.			
IN CHARGE OF Original Signed by Chief Engineer HEAD ROAD DEPARTMENT			

R-CB-15