


CIRCULAR BASE AND RISER UNIT DIMENSIONS											INLET SLAB	Min. Distance, ft. Top of Curb - Pipe Invert
PIPE SIZE MIN. TO MAX.	H ₁ BASE	H ₂ RISER	W	WALL AREA STEEL IN ² /FT	MAX. SPACING IN.	B	BASE AREA STEEL IN ² /FT	MAX. SPACING IN.	D	G		
12"	2' TO 4'	1' TO 4'	4"	.09	12"	6.5"	.15	6"	36"	NOT REQ.	3.84	
15" TO 24"	3' TO 5'	1' TO 5'	5"	.12	12"	6.5"	.18	6"	48"	8"	4.11-4.92	
27" TO 33"	3' TO 6'	1' TO 6'	6"	.15	12"	6.5"	.27	6"	60"	8"	5.19-5.73	
36"	5' TO 6'	1' TO 6'	6"	.15	12"	6.5"	.27	6"	60"	8"	6.00	
42"	5' TO 7'	1' TO 7'	7"	.18	11"	7.5"	.30	6"	72"	8"	6.55	
48"	6' TO 7'	1' TO 7'	7"	.18	11"	7.5"	.30	6"	72"	8"	7.09	
54"	6' TO 8'	1' TO 8'	8"	.21	8"	9.5"	.36	6"	84"	8"	7.63	
60"	7' TO 8'	1' TO 8'	8"	.21	8"	9.5"	.36	6"	84"	8"	8.17	
66" TO 72"	8' TO 9'	1' TO 8'	9"	.24	7"	9.5"	.40	6"	96"	8"	8.71-9.25	
78" TO 84"	9' TO 10'	1' TO 8'	10"	.27	4"	12.5"	.40	6"	120"	8"	9.80-10.34	

SPECIFICATION 305 CATEGORY CODE ITEMS

APPROVED *Raff*
DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT

	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 10-7-14	APPROVAL 9-29-14
	REVISED	REVISED
	REVISED	REVISED
	REVISED	REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
PRECAST OR CAST
IN PLACE CIRCULAR COG/COS INLETS
5', 10', 15', & 20'

STANDARD NO. MD 374.62-01