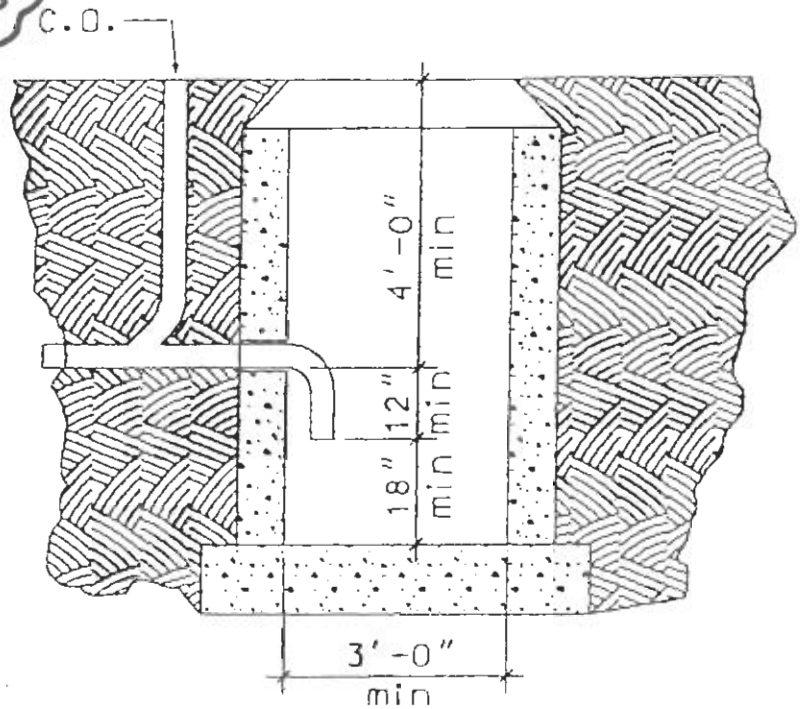
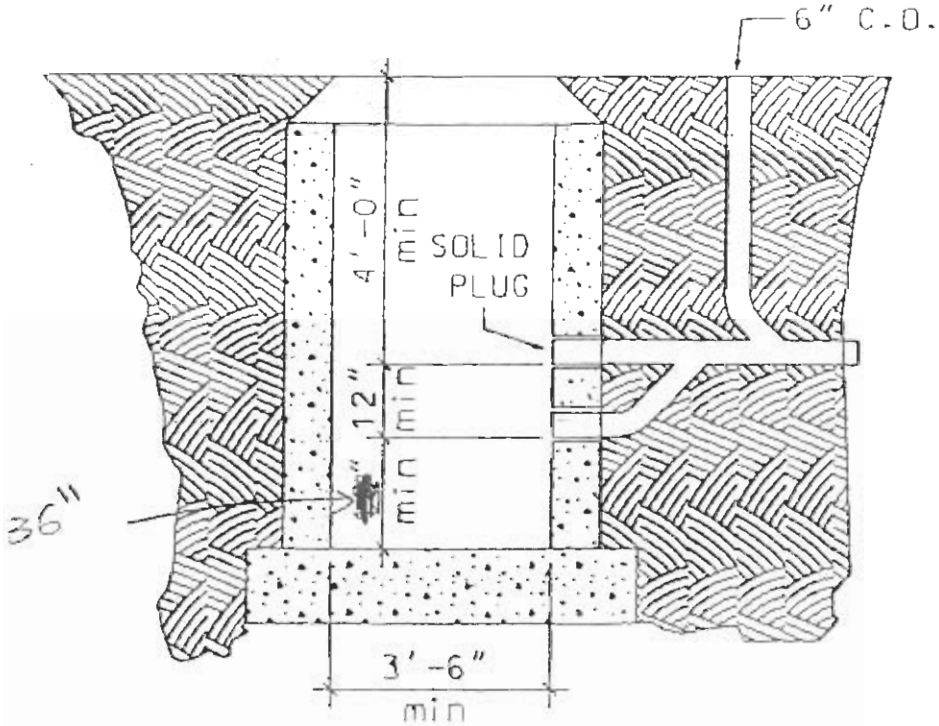
ONLY USE THESE DETAILS FOR CATCH BASINS

COMBINED CATCH BASIN OR EXTERIOR SAND INTERCEPTOR



INSTALL PER COMM 82.34(12), 82.35(5)(a)2
& MILWAUKEE CODE OF ORDINANCES 225-4b

COMBINED CATCH BASIN OR EXTERIOR SAND INTERCEPTOR
FOR 12" OR LARGER PIPING (Note: STEPS ARE REQUIRED)



INSTALL PER COMM 82.34(12), 82.35(5)(a)2
& MILWAUKEE CODE OF ORDINANCES 225-4b

RECOMMENDED DESIGN RAINFALL DEPTHS FOR THE SOUTHEASTERN WISCONSIN REGION

	Recurrence Interval and Depths (inches)					
Storm Duration	2 Years[a]	5 Years[a]	10 Years[a]	25 Years	50 Years	100 Years
5 Minutes	0.40	0.48	0.54	0.62	0.68	0.74
10 Minutes	0.64	0.76	0.85	0.98	1.08	1.19
15 Minutes	0.83	0.98	1.07	1.21	1.31	1.41
30 Minutes	1.07	1.29	1.45	1.68	1.85	2.09
60 Minutes	1.31	1.60	1.84	2.20	2.50	2.82
2 Hours	1.54	1.93	2.23	2.73	3.16	3.64
3 Hours	1.68	2.07	2.40	2.93	3.39	3.89
6 Hours	1.95	2.40	2.79	3.44	4.03	4.70
12 Hours	2.24	2.74	3.17	3.89	4.53	5.25
24 Hours	2.57	3.14	3.62	4.41	5.11	5.88
48 Hours	3.04	3.71	4.20	4.94	5.53	6.13
72 Hours	3.29	3.94	4.40	5.09	5.63	6.17
5 Days	3.77	4.42	4.84	5.43	5.86	6.26
10 Days	4.68	5.42	5.89	6.55	7.03	7.46

[a]Factors presented in U.S. Weather Bureau TP-40 were applied to the SEWRPC 2000 annual series depths with recurrence intervals of two, five, and ten years, converting those depths to the partial duration series amounts set forth in this table. The annual series were adjusted as follows:

Two-year: multiplied by 1.136; Five-year: multiplied by 1.042; and Ten-year: multiplied by 1.010

Source: Southeastern Wisconsin Regional Planning Commission (SEWRPC)
Website: http://www.sewrpc.org