
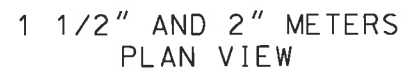
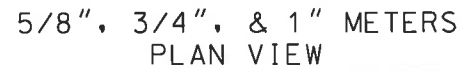


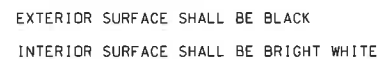
STANDARD DETAIL SHEET (WATER - 1 of 2)			
DRAWN BY: K. C. Cook		 CAPITAL PROJECTS & DEVELOPMENT ENGINEERING	
APPROVED BY: Kyle Schniederjan			
PATH: K:\CAD\UtilityStandards\Water Detail 2017.dgn			
HORIZ. SCALE VERT. SCALE	NONE		
W.O. NO.		SHEET SD-W-1	



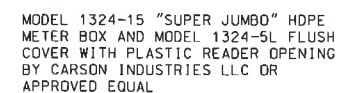
I.D. (in)	Δ = 11.25°				I.D. (in)	Δ = 22.50°				I.D. (in)	Δ = 45°				I.D. (in)	Δ = 90°				I.D. (in)	TEE/PLUG				I.D. (in)	FIRE HYDRANT			
	G (ft.)	EARTH				G (ft.)	EARTH				G (ft.)	EARTH				G (ft.)	EARTH				C (ft.)	B (ft.)	A (ft.)	VOL. (C.Y.)		G (ft.)	A (ft.)	B (ft.)	VOL. (C.Y.)
		A (ft.)	B (ft.)	VOL. (C.Y.)			A (ft.)	B (ft.)	VOL. (C.Y.)			A (ft.)	B (ft.)	VOL. (C.Y.)			A (ft.)	B (ft.)	VOL. (C.Y.)										
4, 6, 8	0.4	1.0	1.5	0.1	4, 6, 8	0.8	1.5	1.5	0.1	4, 6, 8	1.5	2.0	2.0	0.2	4, 6, 8	2.7	5.0	1.5	0.4	4, 6, 8	1.5	1.5	2.5	0.3	6	2.7	5.0	1.5	0.4
10, 12	0.6	1.5	1.5	0.1	10, 12	1.1	2.0	2.5	0.3	10, 12	2.2	3.5	2.5	0.5	10, 12	4.0	6.5	2.5	1.0	10, 12	1.5	2.5	3.5	0.6					
16, 18	0.8	2.0	2.5	0.2	16, 18	1.6	3.0	3.5	0.6	16, 18	3.2	4.5	4.5	1.2	16, 18	6.0	9.0	4.0	2.4	16, 18	2.0	4.0	5.5	1.6					



TYPICAL FLUSH VALVE INSTALLATIONS



STANDARD METER BOX DETAIL (FOR METERS UP TO 1")



STANDARD METER BOX DETAIL (FOR 1 1/2" & 2" METERS)



DRAWN BY:		K. C. Cook	
APPROVED BY:		Kyle Schniederjan	
PATH: K:\CAD\Util\Standards\Water Detail 2017.dgn			
HORZ. SCALE		NONE	DATE
VERT. SCALE			1/12/2017
W.O. NO.		SHEET	SD-W-2

CAPITAL PROJECTS &
DEVELOPMENT ENGINEERING