
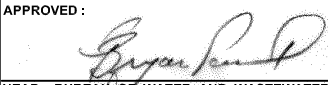



NOTES:

1. STONE (NO. 6 AGGREGATE) MAY BE SUBSTITUTED FOR GRAVEL.
2. WHEN 2 TIER TRENCH SUPPORT IS REQUIRED, ADD 24" TO "W" FOR CALCULATING THE AMOUNT OF PAVING NEEDED FOR TRENCH REPAIR.
3. HAUNCHING AREA (A) AROUND THE PIPE SHALL BE COMPACTED TO A MINIMUM 95% PROCTOR DENSITY. TAMPING SHALL BE DONE IN 4" LAYERS TO THE SPRING LINE. COMPACTION OF THE EMBEDMENT MATERIAL SHOULD BE DONE IN A WAY THAT THE COMPACTION EQUIPMENT WILL NOT DAMAGE THE PIPE OR CAUSE DEFLECTION OF/IN THE PIPE. WHEN HYDRO-HAMMERS ARE USED TO ACHIEVE COMPACTION THEY SHOULD NOT BE USED WITHIN 3' OF THE TOP OF PIPE AND THEN ONLY IF THE EMBEDMENT MATERIAL DENSITY HAS BEEN PREVIOUSLY COMPACTED TO A MINIMUM 85% PROCTOR DENSITY.

PVC PIPE						
DIMENSIONS						
D	OD	ODB	A	B	W	
					MIN	MAX
6"	6.25"	7"	3.13"	9.13"	30"	60"
8"	8.5"	9.5"	4.25"	10.25"	30"	60"
10"	10.5"	12"	5.25"	11.25"	30"	60"
12"	12.5"	14"	6.25"	12.25"	36"	60"
15"	15.25"	16.5"	7.63"	13.63"	42"	60"
18"	18.75"	20"	9.38"	15.38"	42"	66"
21"	22"	23.5"	11"	17"	48"	66"
24"	24.75"	26.5"	12.38"	18.38"	48"	72"
27"	28"	30"	14"	20"	54"	78"

	APPROVED :  HEAD, BUREAU OF WATER AND WASTEWATER	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS BUREAU OF WATER AND WASTEWATER	ISSUED	REVISED	REVISED	
	 DIRECTOR, DEPARTMENT OF PUBLIC WORKS		3 / 2008			
	GRAVEL CRADLE FOR PVC STORM DRAINS		STANDARD NO. BC 302.03			SCALE : NONE