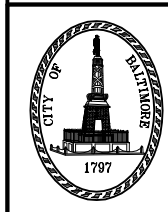


NOTES:

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.

P.V.C. PIPE								
DIMENSIONS							CUBIC YARDS PER LIN. FT.	
D	OD	ODB	A	B	W		MIN.	MAX.
					MIN.	MAX.		
6"	6.25"	7"	3.13"	9.13"	30"	60"	0.1330	0.2737
8"	8.5"	9.5"	4.25"	10.25"	30"	60"	0.1436	0.3018
10"	10.5"	12"	5.25"	11.25"	30"	60"	0.1513	0.3250
12"	12.5"	14"	6.25"	12.25"	36"	60"	0.1953	0.3465
15"	15.25"	16.5"	7.63"	13.63"	42"	60"	0.2474	0.3735
18"	18.75"	20"	9.38"	15.38"	42"	66"	0.2612	0.4510
21"	22"	23.5"	11"	17"	48"	66"	0.3220	0.4794
24"	24.75"	26.5"	12.38"	18.38"	48"	72"	0.3300	0.5568
27"	28"	30"	14"	20"	54"	78"	0.3972	0.6441



APPROVED :

 HEAD, BUREAU OF WATER AND WASTEWATER

 DIRECTOR, DEPARTMENT OF PUBLIC WORKS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF WATER AND WASTEWATER

GRAVEL CRADLE FOR
P.V.C. SANITARY SEWERS

ISSUED	REVISED	REVISED
3 / 2008		
STANDARD NO. BC 830.03		
SCALE : NONE		SHEET 1 OF 1