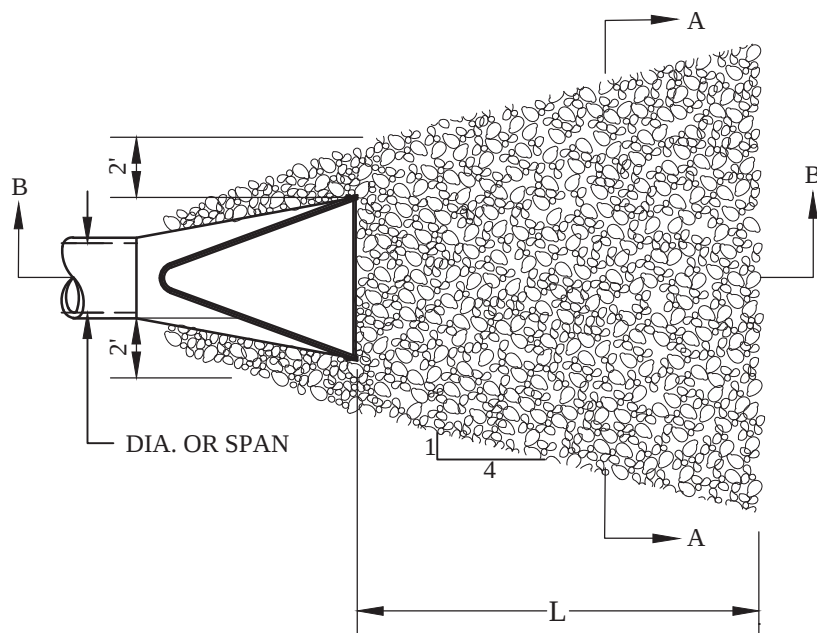


6:1 SLOPE					
DIA. OF PIPE (IN.)	L (FT.)	CLASS II d ₅₀ =6"	CLASS III d ₅₀ =9"	CLASS IV d ₅₀ =12"	MIN. GEOTEX AREA
		12" DEPTH RIPRAP (C.Y.)	18" DEPTH RIPRAP (C.Y.)	24" DEPTH RIPRAP (C.Y.)	(SQ.YD.)
12	8	3.5	5.2	6.9	8
15	8	3.6	5.3	7.1	9
18	10	4.5	6.7	8.9	12
24	12	6.0	8.9	11.9	17

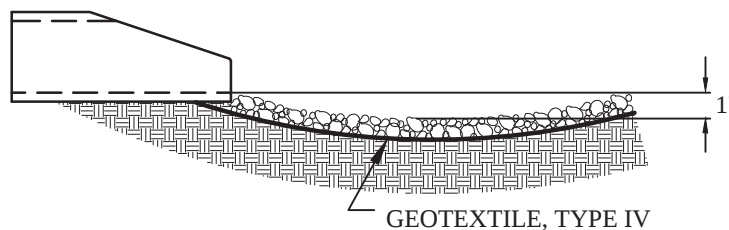
4:1 SLOPE					
DIA. OF PIPE (IN.)	L (FT.)	CLASS II d ₅₀ =6"	CLASS III d ₅₀ =9"	CLASS IV d ₅₀ =12"	MIN. GEOTEX AREA
		12" DEPTH RIPRAP (C.Y.)	18" DEPTH RIPRAP (C.Y.)	24" DEPTH RIPRAP (C.Y.)	(SQ.YD.)
24	12	5.4	8.1	10.8	17
30	14	6.5	9.7	12.9	22
36	16	8.1	12.1	16.1	28
42	18	10.0	14.9	19.9	33
48	20	12.0	18.0	24.0	39



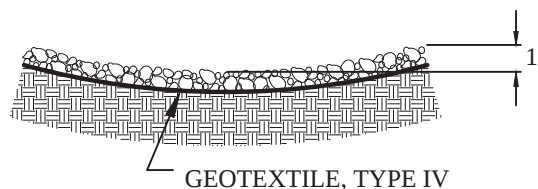
PLAN VIEW

NOTES:

1. THE GEOTEXTILE WILL COVER THE AREA OF THE RIPRAP AND EXTEND UNDER THE CULVERT APRON 3 FT.



SECTION B - B



SECTION A - A



CITY OF BURNSVILLE - ENGINEERING DEPT.

FLARED END SECTION RIP RAP

Plate No.

STM - 7

Revision Date

11-2013

File Location:

S:\Details\english\Storm Sewer\STM07-FES RipRap.dwg