

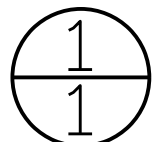
H=BACKFILL COVER ABOVE TOP OF PIPE.

PIPE DIAMETER (INCHES)	TRENCH WIDTH (FEET)
21	3.8
24	4.1
27	4.5
33	5.2
36	5.6
42	6.3
48	7.0
54	7.8
60	8.5
66	9.2
72	10
78	10.7
84	11.4
90	12.1
96	12.9

**NOTES:**

1. FOR H>10' DESIGN MUST BE CHECKED. UNLIMITED TRENCH WIDTH WILL NOT BE PERMITTED FOR CLASS III PIPE AND HIGHER TYPE PIPE EMBEDMENT MAY BE REQUIRED.
2. TRENCH WIDTHS SHOWN ARE MINIMUM FOR PROPER PLACEMENT AND COMPACTION OF EMBEDMENT AND BACKFILL.
3. TRENCH WIDTHS BASED ON  $1.25 B_c + 1.0$  WHERE  $B_c$  IS THE OUTSIDE DIAMETER OF THE PIPE IN FEET.
4. BACKFILL ABOVE EMBEDMENT IN PAVEMENT CUTS OF EXISTING STREET & ALLEYS SHALL BE CEMENT STABILIZED SAND (2 SACKS CEMENT PER CY SAND)

**REINFORCED CONCRETE STORM SEWER  
PIPE AND BOX INSTALLATION**



Revision Date:

Scale : N/A Date : 06/01/05  
 Design :  
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**STORM SEWER DETAILS  
CONCRETE PIPE INSTALLATION**