

**Reinforced Concrete Pipe Mortar joint**

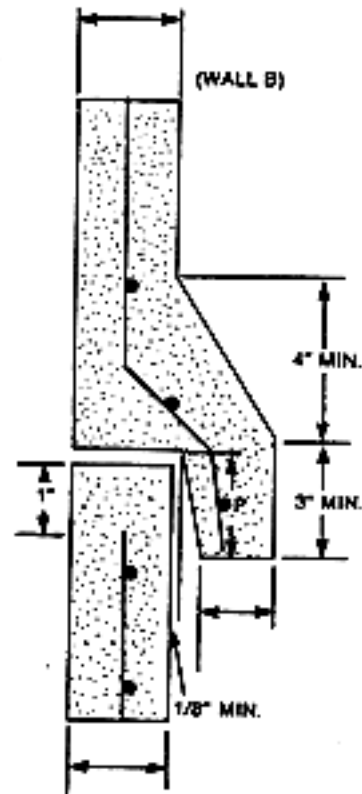
12" - 24" Mortar Joint Reinforced

Design Notes:

1. MFG.in accordance with ASTM Spec. C76 & AASHO Spec. M170, Wall B.
2. Cement Type II
3. Concrete Strength Class III & IV 4000 P.S.I. Class V 6000 P.S.I.
4. Circum. Reinforcement:

12" Class III	0.07 Sq. in. per ft.
12" Class IV	0.07 Sq. in. per ft.
12" Class V	0.10 Sq. in. per ft.
15" Class III	0.07 Sq. in. per ft.
15" Class IV	0.10 Sq. in. per ft.
15" Class V	0.14 Sq. in. per ft.
18" Class III	0.07 Sq. in. per ft.
18" Class IV	0.14 Sq. in. per ft.
18" Class V	0.19 Sq. in. per ft.
21" Class III	0.07 Sq. in. per ft.
21" Class IV	0.20 Sq. in. per ft.
21" Class V	0.24 Sq. in. per ft.
24" Class III	0.10 Sq. in. per ft.
24" Class IV	0.27 Sq. in. per ft.
24" Class V	0.30 Sq. in. per ft.

5. laying length 8'- 0"



D	T	B	S	P	L
<i>Dia.</i>	<i>Mini. Dimensions, Inches</i>				
<b>12"</b>	2	20	16 1/4	2 1/2	1 1/2
<b>15"</b>	2 1/4	23 7/8	19 3/4	2 1/2	1 11/16
<b>18"</b>	2 1/2	27 3/4	23 1/4	2 3/4	1 7/8
<b>21"</b>	2 3/4	31 5/8	26 3/4	2 3/4	2 1/16
<b>24"</b>	3	35 1/2	30 1/4	3	2 1/4

