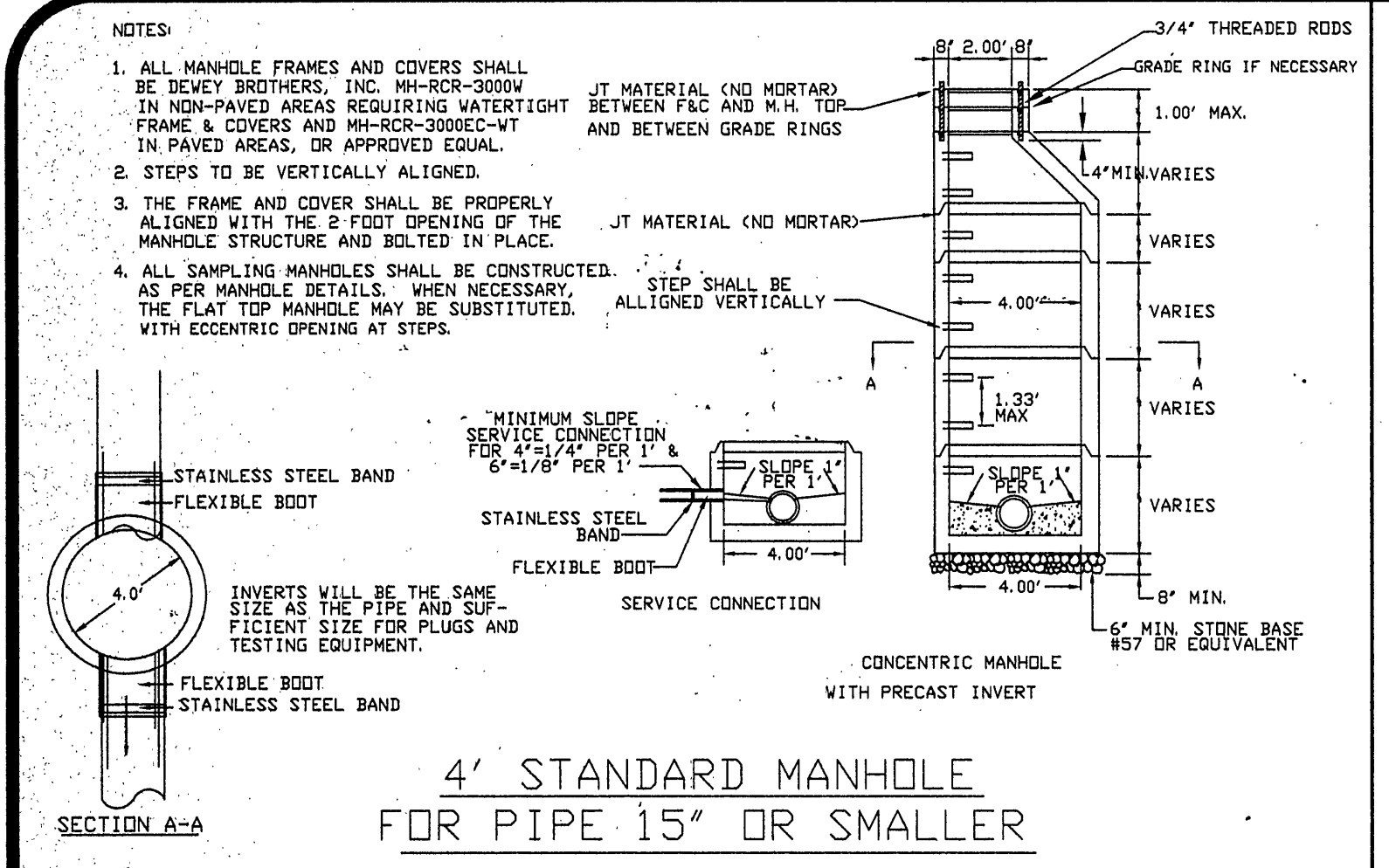




Pipe Diameter (in.)	Min. Time (min)	Length (ft)	Time for Longer Length (sec)	Specified Time for Length (L) Shown (min:sec)									
				100 ft	150 ft	200 ft	250 ft	300 ft	350 ft	400 ft	450 ft	500 ft	550 ft
4	3:46	597	380 L	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46
6	5:40	398	.854 L	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40	5:40
8	7:34	298	1.520 L	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34	7:34
10	9:28	239	2.374 L	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28	9:28
12	11:20	199	3.418 L	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20	11:20
15	14:10	159	5.342 L	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10	14:10
18	17:00	133	7.692 L	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00
21	19:50	114	10.470 L	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50	19:50
24	22:40	99	13.674 L	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40	22:40
27	25:30	88	17.308 L	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30	25:30
30	28:20	80	21.368 L	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20	28:20
33	31:10	72	25.852 L	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10	31:10
36	34:00	66	30.768 L	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00	34:00

MINIMUM SPECIFIED TIME REQUIRED FOR A 1.0 PSIG PRESSURE DROP FOR SIZE AND LENGTH OF PIPE INDICATED FOR Q = 0.0015

