

APPENDIX

TABLE 1

AIR TESTING  
**PVC, TRUSS PIPE**  
 SANITARY SEWER

Pipe Dia. (Inch)	Minimum Time (Min: Sec)	Length For Min. Time (Foot)	Time For Longer Length (Sec)	SPECIFICATION TIME FOR LENGTH (L) SHOWN (MIN: SEC)								
				100 ft.	150 ft.	200 ft.	250 ft.	300 ft.	350 ft.	400 ft.	450 ft.	
4	3:46	597	.38L	3:46								3:46
6	5:40	398	.85L	5:40					5:40	5:42		6:24
8	7:34	298	1.52L	7:34			7:34	7:36	8:52	10:08		11:24
10	9:26	239	2.37L	9:26		9:26	9:53	11:52	13:51	15:49		17:48
12	11:20	199	3.42L	11:20	11:20	11:24	14:15	17:05	19:56	22:47		25:38
15	14:10	159	5.34L	14:10	14:10	17:48	22:15	26:42	31:09	35:36		40:04
18	17:00	133	7.69L	17:00	19:13	25:38	32:03	38:27	44:52	51:16		57:41
21	19:50	114	10.47L	19:50	26:10	34:54	43:37	52:21	61:00	69:48		78:31
24	22:40	99	13.67L	22:47	34:11	45:34	56:58	68:22	79:46	91:10		102:33
27	25:30	88	17.31L	28:51	43:16	57:41	72:07	86:32	100:57	115:22		129:48
30	28:20	80	21.37L	35:37	53:25	71:13	89:02	106:50	124:38	142:26		160:15
33	31:10	72	25.85L	43:05	64:38	86:10	107:43	129:16	150:43	172:21		193:53
36	34:00	66	30.77L	51:17	76:55	102:34	128:12	153:50	179:29	205:07		230:46

- Notes:
1. Specification times above indicate the duration over which the loss of air pressure may not exceed a drop from 3.5 psig to 2.5 psig for the size and length of pipe indicated.
  2. Increase test pressure 1.0 psig for every 2.31 feet the groundwater is above the invert of the sewer.
  3. Table based on ASTM F1417