

CAST IRON LID LABELED "SEWER"
SOLID LID - NO HOLES
SEE DETAIL W-1

STANDARD WATER
METER BOX
SEE DETAIL W-1

ANDREWS 1" 100-DC AL-DUST CAP

ANDREWS 1" 100-F-AL

1" BALL CHECK

1" BRASS BALL VALVE

2" X 1" BRASS NIPPLE

2" THREADED PACK JOINT

3,000 PSI CONCRETE
6" MIN.

FUSED 90° BEND
OR TEE IF IN-LINE

HDPF FORCE MAIN

FORCE MAIN FLUSHING ASSEMBLY

S-9

[illegible]

PRESSURE LATERAL ASSEMBLY

01/01/14

AUTOMATIC AIR/VACUUM
RELEASE ASSEMBLY FOR USE ON
SEWER FORCE MAIN

01/01/14

1 PIPE DIAMETER (IN)	2 MINIMUM TIME (MIN:SEC)	3 LENGTH FOR MINIMUM TIME (FT)	4 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	400FT	450 FT
4	3:46	597	.380 L	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	6:24	
8	7:34	298	1.520 L	7:34	7:34	7:34	7:34	7:36	8:52	10:08	
10	9:26	239	2.374 L	9:26	9:26	9:26	9:53	11:52	13:51	15:49	
12	11:20	199	3.418 L	11:20	11:20	11:24	14:15	17:05	19:56	22:47	
15	14:10	159	5.342 L	14:10	14:10	17:48	22:15	26:42	31:09	35:36	
18	17:00	133	7.692 L	17:00	19:13	25:38	32:03	38:27	44:52	51:16	
21	19:50	114	10.470 L	19:50	26:10	34:54	43:37	52:21	61:00	69:48	
24	22:40	99	13.674 L	22:47	34:11	45:34	56:58	68:22	79:46	91:10	
27	25:30	88	17.306 L	28:51	43:16	57:41	72:07	86:32	100:57	115:22	
30	28:20	80	21.366 L	35:37	53:25	71:13	89:02	106:50	124:38	142:26	
33	31:10	72	25.852 L	43:05	64:38	86:10	107:43	129:16	150:43	172:21	
36	34:00	66	30.768 L	51:17	76:55	102:34	128:12	153:50	179:29	205:07	
42	39:48	57	41.883 L	69:48	104:42	139:37	174:30	209:24	244:19	279:13	
48	45:34	50	54.705 L	91:10	136:45	182:21	227:55	273:31	319:06	364:42	
54	51:02	44	69.236 L	115:24	173:05	230:47	288:29	346:11	403:53	461:34	
60	56:40	40	85.476 L	142:28	213:41	284:55	356:09	427:23	498:37	569:50	

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

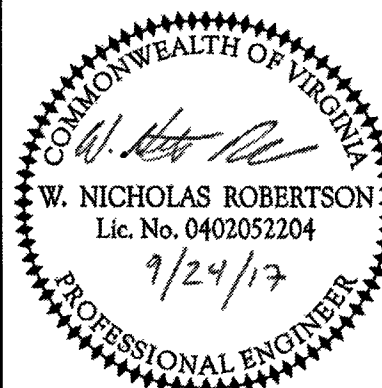
LOW-PRESSURE AIR TESTING TABLE

01/01/14

UNI-B-6-98

**WESTERN VIRGINIA
WATER AUTHORITY**

ENGINEERING SERVICES
JEFFERSON ST., SUITE 300
ROANOKE, VA 24011
540-853-5770



RUTROUGH ROAD WATER & SEWER EXTENSION PHASE 2

SEWER DETAILS

By

ate

Description

Rev

Designed: AAS

Drawn: AAS

Checked: WNR

Approved:

Date: 9/24/17

Project:

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Sheet 28 of 31