

Sanitary Sewer Laterals						
Lot Number	Lateral Station	Lateral Length	Riser	Flowline at Main	Flowline at End of Lateral	Minimum Servicable Floor Elevation
		(ft)	(ft)	(ft)	(ft)	(ft)
1	11+37.37	15.49	0.0	963.3	964.6	967.37
2	12+46.01	11.06	0.0	964.8	966.0	968.81
3	13+43.41	34.27	0.0	965.9	967.5	970.34
4	13+27.41	90.82	0.0	965.7	968.5	971.30
5	12+57.54	72.54	0.0	964.9	967.4	970.16
6	12+23.28	67.54	0.0	964.0	966.3	969.11
7	11+51.34	65.47	0.0	963.4	965.7	968.48
8	10+86.31	62.38	0.0	962.8	965.1	967.89
9	18+14.54	16.02	0.0	941.5	942.8	945.58
10	17+54.39	10.00	0.0	940.7	941.9	944.73
11	16+94.41	10.49	0.0	940.0	941.2	944.02
12	16+34.42	11.72	1.0	939.3	941.5	944.30
13	15+74.15	11.81	3.0	938.2	942.3	945.15
14	15+14.15	11.67	2.0	937.7	940.9	943.70
15	14+54.15	11.52	2.0	937.2	940.4	943.24
16	10+20.00	11.47	1.0	937.2	939.4	942.18
17	10+80.00	11.47	0.0	937.6	938.8	941.59
18	12+10.85	10.30	0.0	939.0	940.2	943.02
19	12+67.16	16.61	0.0	940.0	941.3	944.13
20	13+25.26	21.27	0.0	940.6	942.0	944.81
21	13+78.44	15.09	1.0	942.1	944.4	947.18
22	14+38.14	15.07	1.0	945.1	947.4	950.16
23	14+98.14	15.05	1.0	948.1	950.4	953.16
24	15+58.14	15.02	1.0	951.1	953.4	956.16
25	16+16.90	15.75	1.0	954.4	956.7	959.45
26	13+97.13	15.18	2.0	942.4	945.7	948.51
27	13+21.13	65.88	0.0	937.5	939.8	942.65
28	12+79.26	68.43	0.0	934.8	937.2	939.99
29	12+11.84	10.00	2.0	930.1	933.2	936.02
30	12+06.84	10.00	4.0	929.8	934.9	937.68
31	12+76.72	56.19	0.0	934.7	936.8	939.58
32	13+32.79	61.37	0.0	938.3	940.5	943.31
33	13+93.98	64.77	1.0	942.2	945.5	948.32
34	18+07.57	61.60	1.0	958.2	961.4	964.18
35	17+52.29	53.87	0.0	957.1	959.1	961.94
36	16+87.48	58.85	0.0	955.8	957.9	960.75
37	18+16.71	18.52	1.0	958.4	960.7	963.50
38	17+61.32	26.14	1.0	957.2	959.7	962.55
39	16+27.67	63.64	0.0	954.6	956.8	959.64
40	15+62.50	64.98	0.0	951.3	953.6	956.40
41	15+02.50	64.96	0.0	948.3	950.6	953.40
42	14+42.50	64.93	0.0	945.3	947.6	950.40
43	13+91.65	64.91	0.0	942.8	945.1	947.86
44	13+03.74	58.94	1.0	938.4	941.5	944.32
45	12+46.82	10.00	5.0	955.9	962.0	964.77
46	11+74.86	10.00	2.0	952.3	955.4	958.24
47	10+81.79	10.25	0.0	949.4	950.6	953.41
48	17+90.24	78.50	2.0	950.4	954.9	957.69
49	18+62.05	10.00	3.0	951.9	956.0	958.81
50	18+67.05	10.00	2.0	951.9	955.1	957.88
51	17+34.10	35.25	3.0	949.4	954.0	956.80
52	16+65.55	16.53	2.0	948.1	951.4	954.22
53	15+77.14	12.84	1.0	946.4	948.6	951.41
54	15+05.97	10.80	1.0	945.6	947.8	950.59
55	14+33.99	10.00	1.0	944.8	947.0	949.78
56	13+62.02	10.00	0.0	944.0	945.2	948.01
57	12+90.56	10.00	0.0	943.2	944.4	947.22
58	12+17.02	11.69	1.0	942.2	944.4	947.18
59	10+07.50	13.64	1.0	943.3	945.6	948.40
60	10+82.60	18.33	0.0	945.8	947.2	950.02
61	11+54.58	16.54	0.0	948.2	949.6	952.38
62	11+65.59	63.76	0.0	948.6	950.9	953.69
63	10+93.62	61.97	0.0	946.2	948.5	951.26
64	12+58.00	75.21	0.0	942.4	944.9	947.73
65	13+05.36	74.85	0.0	943.4	945.9	948.68
66	13+77.33	72.84	0.0	944.2	946.6	949.43
67	14+49.30	70.82	0.0	945.0	947.4	950.18
68	15+21.27	68.81	0.0	945.8	948.1	950.94
69	19+40.78	10.00	1.0	955.8	957.9	960.74
70	18+63.63	10.00	1.0	954.3	956.4	959.24
71	17+88.64	10.00	1.0	953.4	955.6	958.41
72	16+80.47	10.00	1.0	952.2	954.4	957.22
73	34+28.11	10.00	0.0	958.8	960.0	962.84
74	33+66.59	20.73	0.0	958.2	959.6	962.38
75	32+96.09	17.26	0.0	957.4	958.7	961.53
76	32+11.16	14.56	0.0	956.4	957.7	960.53

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		(ft)	(ft)	(ft)	(ft)	(ft)
77	31+36.17	13.10	0.0	955.4	956.6	959.41
78	30+48.26	13.79	0.0	954.8	956.1	958.86
79	29+44.42	10.00	0.0	953.8	955.0	957.81
80	28+69.45	10.00	0.0	953.3	954.5	957.32
81	30+88.65	67.83	0.0	955.0	957.4	960.20
82	30+44.07	74.32	0.0	954.8	957.2	960.04
83	29+70.49	76.71	0.0	954.0	956.5	959.31
84	28+95.51	77.69	0.0	953.5	956.0	958.84
85	28+20.51	77.45	0.0	953.0	955.6	958.35
86	27+45.51	77.21	0.0	952.5	955.1	957.86
87	26+79.63	76.93	1.0	952.1	955.6	958.40
88	10+16.02	76.72	2.0	952.4	956.9	959.72
89	10+96.00	75.43	1.0	954.4	957.9	960.71
90	11+71.00	74.22	1.0	956.3	959.8	962.57
91	13+17.99	71.86	0.0	960.0	962.4	965.21
92	23+79.00	16.17	4.0	958.1	963.3	966.12
93	23+00.88	15.51	4.0	956.9	962.1	964.93
94	22+21.14	10.00	3.0	955.7	959.8	962.64
95	21+55.52	14.60	3.0	954.4	958.6	961.43
96	19+86.57	15.69	2.0	952.7	956.0	958.79
97	19+17.86	17.34	2.0	951.2	954.5	957.29
98	18+43.01	16.56	2.0	950.1	953.4	956.20
99	17+68.01	15.57	2.0	949.0	952.3	955.11
100	16+93.02	14.58	2.0	948.0	951.2	954.02
101	16+18.03	13.59	1.0	946.9	949.1	951.95
102	15+14.21	15.00	2.0	944.9	948.2	950.99
103	14+35.11	15.00	0.0	943.9	945.2	948.00
104	13+41.01	25.34	0.0	937.0	938.5	941.33
105	12+70.85	14.54	1.0	930.4	932.6	935.43
106	11+99.16	19.92	2.0	921.9	925.3	928.10
107	11+71.54	57.13	3.0	917.9	923.0	925.82
108	12+82.19	66.11	3.0	931.4	936.7	939.50
109	14+40.26	68.81	0.0	944.0	946.3	949.14
110	15+21.12	78.57	0.0	945.0	947.6	950.39
111	15+84.15	72.68	0.0	945.8	948.3	951.09
112	16+42.19	66.10	0.0	947.2	949.6	952.36
113	17+17.18	65.11	1.0	948.3	951.6	954.40
114	17+92.17	64.12	1.0	949.4	952.6	955.45
115	20+08.44	62.09	1.0	952.9	956.2	958.95
116	21+51.57	65.45	0.0	954.4	956.7	959.47
117	22+70.30	67.19	2.0	956.4	960.7	963.55
118	23+66.62	63.26	3.0	957.9	963.1	965.89
119	13+00.87	10.00	2.0	959.5	962.7	965.51
120	12+25.07	10.00	2.0	957.7	960.8	963.61
121	11+40.94	10.00	3.0	955.5	959.7	962.49
122	25+97.51	10.79	2.0	950.9	954.1	956.91
123	25+94.81	69.22	1.0	950.9	954.3	957.08
124	25+42.22	72.34	0.0	950.6	953.0	955.80
125	24+91.89	79.16	0.0	949.4	952.0	954.76
126	24+22.50	77.93	0.0	948.0	950.6	953.38
127	23+89.11	71.72	0.0	947.1	949.5	952.33
128	23+23.14	76.78	0.0	946.0	948.5	951.34
129	21+19.77	16.13	5.0	939.8	946.0	948.78
130	21+15.83	21.93	5.0	939.3	945.6	948.40
131	11+04.31	71.57	0.0	945.0	947.5	950.26
132	11+88.09	78.85	0.0	945.7	948.2	951.04
133	12+64.08	75.93	0.0	946.2	948.7	951.55
134	12+86.47	72.00	0.0	947.1	949.6	952.36
135	13+49.32	80.15	0.0	949.0	951.6	954.40
136	14+07.66	73.32	0.0	950.7	953.2	956.01
137	13+26.28	10.00	2.0	948.3	951.5	954.27
138	11+85.42	10.00	1.0	945.6	947.8	950.62
139	11+08.28	10.00	0.0	945.1	946.3	949.06
140	10+34.35	10.00	0.0	944.5	945.7	948.51
141	10+13.63	12.00	0.0	944.4	945.6	948.39
142	22+85.72	10.00	1.0	945.4	947.6	950.37
143	24+08.77	10.00	2.0	947.8	950.9	953.72
TRACT D	17+83.69	72.63	0.0	953.4	955.8	958.61
FT 144	16+09.02	10.00	1.0	950.9	953.1	955.88
FT 145	15+36.62	10.00	1.0	950.2	952.4	955.16
FT 146	14+65.30	10.00	2.0	948.9	952.0	954.82
FT 147	13+56.03	10.00	4.0	945.9	951.0	953.81
FT 148	13+51.03	10.00	3.0	945.6	949.7	952.55
FT 181	14+20.62	73.28	0.0	948.4	950.9	953.68
FT 182	14+40.57	71.87	1.0	948.6	952.0	954.83
FT 183	15+63.83	73.18	0.0	950.4	952.9	955.71

NOTE: THE LATERAL FOR "TRACT D" IS 6" PVC, ALL OTHERS ARE 4" PVC.

Sanitary Sewer Design Information											
Upstream Manhole	Downstream Pipe Slope	Downstream Pipe Diameter	Proposed Cumulative Area	Future Cumulative Area	Peak Base Flow 50-Year Design	Peak Infiltration Flow 50-Year Design	Peak Inflow 50-Year Design	Total Peak Flow	Downstream Pipe Mannings N	Downstream Pipe Capacity	Downstream Pipe Full Flow Velocity
	(%)	(in)	(Ac.)	(Ac.)	(gpd)	(gpd)	(cfs)	(cfs)		(cfs)	(fps)
EX MH 28-208	4.59%	8	42.22	0.00	63330.00	21110.000	1.004	1.135	0.014	2.40	6.89
MH 1-1	1.09%	8	42.22	0.00	63330.00	21110.000	1.004	1.135	0.014	1.17	3.36
MH 1-2	7.77%	8	42.22	0.00	63330.00	21110.000	1.004	1.135	0.014	3.13	8.96
MH 1-3	1.10%	8	42.22	0.00	63330.00	21110.000	1.004	1.135	0.014	1.18	3.37
MH 1-4	0.76%	8	14.12	0.00	21180.00	7060.000	0.392	0.435	0.014	0.98	2.80
MH 1-5	0.75%	8	14.12	0.00	21180.00	7060.000	0.392	0.435	0.014	0.97	2.78
MH 1-6	12.54%	8	14.12	0.00	21180.00	7060.000	0.392	0.435	0.014	3.97	11.38
MH 1-7	1.00%	8	14.12	0.00	21180.00	7060.000	0.392	0.435	0.014	1.12	3.21
MH 1-8	1.65%	8	9.67	0.00	14505.00	4835.000	0.279	0.309	0.014	1.44	4.13
MH 1-9	1.94%	8	9.67	0.00	14505.00	4835.000	0.279	0.309	0.014	1.56	4.48
MH 1-10	0.68%	8	8.35	0.00	12525.00	4175.000	0.245	0.270	0.014	0.93	2.65
MH 1-11	0.65%	8	4.94	0.00	7410.00	2470.000	0.151	0.167	0.014	0.90	2.59
MH 1-12	0.65%	8	3.68	0.00	5520.00	1840.000	0.115	0.127	0.014	0.90	2.59
MH 1-13	1.10%	8	1.59	0.00	2385.00	795.000	0.053	0.057	0.014	1.18	3.37
MH 2-1	15.67%	8	28.10	0.00	42150.00	14050.000	0.713	0.800	0.014	4.44	12.72
MH 2-2	1.00%	8	28.10	0.00	42150.00	14050.000	0.713	0.800	0.014	1.12	3.21
MH 2-3	0.65%	8	28.44	0.00	39660.00	13220.000	0.677	0.759	0.014	0.90	2.59
MH 2-4	1.10%	8	25.61	0.00	38415.00	12805.000	0.659	0.738	0.014	1.18	3.37
MH 2-5	1.79%	8	7.50	0.00	11250.00	3750.000	0.222	0.245	0.014	1.50	4.30
MH 2-6	1.00%	8	6.77	0.00	10155.00	3385.000	0.202	0.223	0.014	1.12	3.21
MH 2-7	1.00%	8	6.77	0.00	10155.00	3385.000	0.202	0.223	0.014	1.12	3.21
MH 3-1	0.75%	8	3.63	0.00	5445.00	1815.000	0.114	0.125	0.014	0.97	2.78
MH 3-2	2.99%	8	1.52	0.00	2280.00	760.000	0.050	0.055	0.014	1.94	5.56
MH 4-1	2.50%	8	2.30	0.00	3450.00	1150.000	0.074	0.081	0.014	1.77	5.08
MH 5-1	3.33%	8	1.66	0.00	2490.00	830.000	0.055	0.060	0.014	2.05	5.87
MH 6-1	2.13%	8	13.91	0.00	20865.00	6955.000	0.387	0.430	0.014	1.64	4.69
MH 6-2	4.99%	8	13.51	0.00	20265.00	6755.000	0.377	0.419	0.014	2.51	7.18
MH 6-3	7.01%	8	10.13	0.00	15195.00	5065.000	0.291	0.323	0.014	2.97	8.51
MH 6-4	1.00%	8	10.13	0.00	15195.00	5065.000	0.291	0.323	0.014	1.12	3.21
MH 7-1	0.82%	8	2.82	0.00	4230.00	1410.000	0.090	0.099	0.014	1.02	2.91
MH 7-2	1.10%	8	1.41	0.00	2115.00	705.000	0.047	0.051	0.014	1.18	3.37
MH 8-0	4.92%	8	9.72	0.00	14580.00	4860.000	0.281	0.311	0.014	2.49	7.13
MH 8-1	2.50%	8	9.72	0.00	14580.00	4860.000	0.281	0.311	0.014	1.77	5.08
MH 8-2	11.16%	8	9.39	0.00	14085.00	4695.000	0.272	0.301	0.014	3.75	10.74
MH 8-3	9.50%	8	9.08	0.00	13620.00	4540.000	0.264	0.292	0.014	3.46	9.91
MH 8-4	1.30%	8	7.93	0.00	11895.00	3965.000	0.233	0.258	0.014	1.28	3.67
MH 8-5	1.43%	8	6.16	0.00	9240.00	3080.000	0.185	0.204	0.014	1.34	3.84
MH 8-6	1.00%	8	3.66	0.00	5490.00	1830.000	0.115	0.126	0.014	1.12	3.21
MH 8-7	1.50%	8	1.71	0.00	2565.00	855.000	0.056	0.062	0.014	1.37	3.94
EX MH 28-099	1.17%	12	5.13	4.45	14370.00	4790.000	0.277	0.307	0.014	3.58	4.56
MH 9-1	2.44%	8	5.13	4.45	14370.00	4790.000	0.277	0.307	0.013	1.89	5.41
MH 9-2	3.97%	8	5.13	4.45	14370.00	4790.000	0.277	0.307	0.014	2.24	6.41
MH 9-3	15.71%	8	5.13	4.45	14370.00	4790.000	0.277	0.307	0.014	4.45	12.74
MH 9-4	5.67%	8	5.13	4.45	14370.00	4790.000	0.277	0.307	0.014	2.67	7.66
MH 9-5	1.00%	8	4.34	0.00	6510.00	2170.000	0.134	0.148	0.014	1.12	3.22
MH 9-6	1.00%	8	3.27	0.00	4905.00	1635.000	0.103	0.113	0.014	1.12	3.22
MH 9-7	1.10%	8	2.12	0.00	3180.00	1060.000	0.069	0.075	0.014	1.18	3.37
MH 9-8	1.50%	8	0.45	0.00	675.00	225.000	0.016	0.017	0.014	1.38	3.94
EX MH 28-100	3.27%	12	2.26	0.00	3390.00	1130.000	0.073	0.080	0.014	5.98	7.62
MH 10-1	4.31%	8	2.26	0.00	3390.00	1130.000	0.073	0.080	0.014	2.33	6.67
MH 10-2	14.08%	8	2.26	0.00	3390.00	1130.000	0.073	0.080	0.014	4.21	12.06
MH 10-3	10.13%	8	2.26	0.00	3390.00	1130.000	0.073	0.080	0.014	3.57	10.23
MH 10-4	6.00%	8	2.26	0.00	3390.00	1130.000	0.073	0.080	0.014	2.75	7.87
MH 10-5	6.47%	8	1.58	0.00	2370.00	790.000	0.052	0.057	0.014	2.85	8.18
EX MH 28-103	2.03%	12	214.47	0.00	321705.00	107235.000	3.314	3.977	0.014	4.71	6.00
MH 11-1	2.50%	8	6.47	0.00	9705.00	3235.000	0.194	0.214	0.014	1.77	5.08
MH 11-2	1.02%	8	6.47	0.00	9705.00	3235.000	0.194	0.214	0.014	1.13	3.25
MH 11-3	6.98%	8	6.47	0.00	9705.00	3235.000	0.194	0.214	0.014	2.96	8.49
MH 11-4	0.77%	8	1.47	0.00	2205.00	735.000	0.049	0.053	0.014	0.98	2.82
MH 11-5	1.21%	8	0.87	0.00	1305.00	435.000	0.030	0.032	0.014	1.23	3.54
MH 12-1	0.65%	8	5.00	0.00	7500.00	2500.000	0.153	0.169	0.014	0.90	2.59
MH 12-2	0.65%	8	3.97	0.00	5955.00	1985.000	0.124	0.136	0.014	0.90	2.59
MH 12-3	1.00%	8	3.73	0.00	5595.00	1865.000	0.117	0.128	0.014	1.12	3.21
MH 12-4	5.00%	8	3.10	0.00	4650.00	1550.000	0.098	0.108	0.014	2.51	7.19
MH 12-5	2.00%	8	1.58	0.00	2370.00	790.000	0.052	0.057	0.014	1.59	4.55
MH 13-1	7.57%	8	0.47	0.00	705.00	235.000	0.016	0.018	0.014	3.09	8.84