

MANHOLE SCHEDULE
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Manhole Number	Cover Level Depth To Soils	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S1	147.000 0.900		0	1.900	146.000	100	4	D400
E 302711.122 N 516816.690								
S2	146.135 0.763		0	1.000	145.272	100	4	D400
E 302718.986 N 516833.113								
S3	144.537 0.532		0	1.001	143.935	100	4	D400
E 302742.391 N 516840.716								
S4	144.350 0.548		0	1.000	143.804	100	4	D400
E 302744.422 N 516835.044								
S5	143.000 0.907		0	1.904	142.093	225	4	D400
E 302765.162 N 516840.405								
S6	142.874 0.531		0	1.004	142.181	225	4	D400
E 302776.415 N 516844.331								
S7	141.577 0.727		0	1.006	140.700	225	4	D400
E 302765.800 N 516875.517								
S8	141.390 0.891		0	1.006	140.493	225	4	D400
E 302762.807 N 516881.421								
S9(CP)	139.284 1.907		0	6.013	137.387	300	2	D400
E 302744.417 N 516932.463								
S10	138.342 1.501		0	1.009	137.144	100	3	D400
E 302740.393 N 516946.335								
S11	135.319 0.847		0	1.010	134.322	100	3	D400
E 302669.446 N 517000.030								
S12	132.585 0.847		0	1.011	131.588	100	2	D400
E 302605.418 N 517011.855								
S13	130.610 0.851		0	1.012	129.609	100	3	D400
E 302545.156 N 517057.825								
S14	130.384 0.701		0	1.012	128.533	100	3	D400
E 302552.938 N 517071.029								
S15	147.960 1.300		0	3.000	145.665	100	4	D400
E 302702.000 N 516816.821								
S16	146.823 1.300		0	3.000	145.423	100	4	D400
E 302697.839 N 516855.347								
S17	146.038 1.200		0	4.000	144.838	100	4	D400
E 302715.422 N 516847.746								
S18	142.580 1.200		0	3.000	141.380	100	4	D400
E 302734.113 N 516855.208								
S19(CP)	141.888 1.200		0	3.004	140.688	100	4	D400
E 302780.221 N 516870.320								
S20	141.538 1.200		0	3.005	140.338	100	4	D400
E 302778.107 N 516875.375								

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Manhole Number	Cover Level Depth To Soils	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S21	143.989 0.500		0	5.000	142.989	225	4	D400
E 302668.200 N 516897.355								
S22	143.287 0.900		0	5.001	142.387	225	4	D400
E 302714.220 N 516887.001								
S23	141.619 0.900		0	5.002	140.885	225	4	D400
E 302758.060 N 516879.677								
S24	146.512 1.300		0	6.000	145.112	100	4	D400
E 302682.051 N 516836.555								
S25	146.118 1.300		0	6.001	144.718	100	4	D400
E 302662.423 N 516850.810								
S26	144.672 1.300		0	6.002	143.372	100	4	D400
E 302629.113 N 516860.173								
S27(CP)	145.047 1.714		0	6.003	143.183	100	4	D400
E 302624.191 N 516796.643								
S28	144.647 0.901		0	6.004	143.646	100	4	D400
E 302614.257 N 516804.163								
S29	143.909 0.900		0	6.005	142.878	225	4	D400
E 302598.614 N 516786.707								
S30(CP)	142.525 0.900		0	6.006	141.400	225	4	D400
E 302573.732 N 516786.699								
S31(CP)	142.107 0.908		0	6.007	140.984	225	4	D400
E 302570.406 N 516789.930								
S32(CP)	142.068 1.484		0	6.008	140.264	300	2	D400
E 302573.737 N 516814.706								
S33(CP)	142.100 1.602		0	6.009	140.193	300	3	D400
E 302580.173 N 516831.846								
S34(CP)	142.538 2.162		0	6.010	140.076	300	1	D400
E 302589.890 N 516846.309								
S35(CP)	142.618 2.352		0	6.011	139.966	300	1	D400
E 302611.538 N 516864.692								
S36(CP)	141.344 1.509		0	6.012	139.920	300	3	D400
E 302603.860 N 516894.602								
S37	141.348 1.888		0	6.013	139.152	300	3	D400
E 302675.011 N 516918.194								
S38	147.000 0.500		0	7.000	146.500	150	4	D400
E 302684.278 N 516816.455								
S39	146.381 0.900		0	7.001	145.481	150	4	D400
E 302670.174 N 516827.838								
S40	145.701 0.500		0	7.002	145.201	225	4	D400
E 302643.839 N 516851.190								

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Manhole Number	Cover Level Depth To Soils	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S41	145.029 0.475		0	7.003	144.550	225	4	D400
E 302619.298 N 516794.102								
S42	145.820 0.450		0	9.000	145.370	150	4	D400
E 302664.012 N 516853.709								
S43	145.787 0.599		0	9.001	145.188	150	4	D400
E 302655.938 N 516836.851								
S44	143.807 0.450		0	9.001	143.357	225	4	D400
E 302626.452 N 516850.583								
S45	143.045 0.425		0	9.002	142.620	225	4	D400
E 302623.109 N 516866.433								
S46	145.806 0.914		0	4.000	144.760	150	4	D400
E 302702.910 N 516884.165								
S47	146.800 1.075		0	8.000	145.625	150	4	D400
E 302685.409 N 516796.643								
S48	145.000 1.075		0	8.001	143.775	150	4	D400
E 302639.418 N 516780.033								
S49	143.790 1.075		0	8.002	142.620	150	4	D400
E 302696.079 N 516785.323								
S50	143.147 1.075		0	8.003	141.900	150	4	D400
E 302680.402 N 516772.793								
S51	146.200 1.075		0	2.000	144.975	150	4	D400
E 302737.768 N 516839.903								
S52	143.400 0.904		0	2.001	142.300	150	4	D400
E 302774.877 N 516821.962								

STORM Network - 1											
Pipe Code	Diameter (mm)	Gradient (%)	Pipe Type	Number	Upstream Manhole	Cover Invert	Number	Downstream Manhole	Cover Invert		
1.000	100	25	Circular	S1	146.00	147.00	S2	145.27	146.13		
1.001	150	18	Circular	S2	145.27	146.13	S3	143.91	144.54		
1.002	150	30	Circular	S3	143.96	144.54	S4	143.85	144.35		
1.003	150	17	Circular	S4	143.85	144.35	S5	142.39	143.05		
1.004	225	60	Circular	S5	142.39	143.05	S6	142.19	142.87		
1.005	225	23	Circular	S6	142.19	142.87	S7	140.77	141.58		
1.006	225	19	Circular	S7	140.70	141.58	S8	140.35	141.39		
1.007	225	19	Circular	S8	140.37	141.39	S9(CP)	137.36	139.09		
1.008	300	46	Circular	S9	137.29	139.09	S10	136.54	138.34		
1.009	150	28	Circular	S10	137.14	138.34	S11	134.32	135.32		
1.010	100	24	Circular	S11	134.32	135.32	S12	131.58	132.59		
1.011	100	38	Circular	S12	131.59	132.59	S13	129.61	130.61		
1.012	100	199	Circular	S13	129.61	130.61	S14	129.63	130.38		
2.000	150	15	Circular	S14	144.97	146.20	S23	142.31	143.45		
2.001	150	300	Circular	S23	142.31	143.45	S6	142.19	142.87		
3.000	100	55	Circular	S15	145.66	147.00	S16	145.42	146.82		
3.001	150	31	Circular	S16	145.37	146.82	S17	144.69	146.04		
3.002	150	15	Circular	S17	144.65	146.04	S18	141.23	142.58		
3.003	150	30	Circular	S18	141.23	142.58	S19(CP)	140.54	141.89		
3.004	150	25	Circular	S19(CP)	140.54	141.89	S20	140.19	141.54		
3.005	150	199	Circular	S20	140.18	141.54	S7	140.75	141.58		
3.006	150	19	Circular	S21	140.17	141.89	S17	140.75	141.58		
3.007	225	173	Circular	S21	142.84	143.96	S22	142.05	143.29		
3.008	225	15	Circular	S22	142.05	143.29	S23	141.86	143.09		
5.002	225	23	Circular	S23	140.89	141.61	S8	140.69	141.39		
6.000	150	51	Circular	S24	144.11	146.51	S25	144.72	146.12		
6.001	150	41	Circular	S25	144.12	146.47	S26	143.85	145.25		
6.002	150	198	Circular	S26	143.22	144.47	S27(CP)	143.18	145.05		
6.003	150	48	Circular	S27(CP)	142.86	145.05	S28	142.86	145.05		
6.004	100	25	Circular	S28	142.85	144.05	S29	142.83	143.93		
6.005	225	19	Circular	S29	142.85	144.05	S30(CP)	141.47	142.83		
6.006	225	19	Circular	S30(CP)	141.47	142.83	S31(CP)	140.39	141.89		
6.007	225	27	Circular	S31(CP)	140.39	142.13	S32(CP)	140.36	142.07		
6.008	300	200	Circular	S32(CP)	140.38	142.13	S33(CP)	139.99	142.01		
6.009	300	200	Circular	S33(CP)	140.37	142.09	S34(CP)	139.97	142.01		
6.010	300	200	Circular	S34(CP)	139.96	142.04	S35(CP)	139.97	142.01		
6.011	300	200	Circular	S35(CP)	139.96	142.04	S36(CP)	139.97	142.01		
6.012	300	200	Circular	S36(CP)	139.94	141.34	S37	139.13	139.13		
6.013	300	38	Circular	S37	139.15	141.34	S39(CP)	137.29	139.09		
6.014	300	38	Circular	S38	139.10	141.34	S40	136.86	139.09		
7.001	150	55	Circular	S39	140.69	146.39	S40	140.05	146.05		
7.002	150	55	Circular	S40	140.76	146.39	S41	140.53	146.39		
7.003	225	15	Circular	S41	144.33	145.33	S29	142.88	143.93		
8.000	150	26	Circular	S42	143.63	146.85	S48	143.77	145.00		
8.001	150	26	Circular	S43	143.77	146.85	S49	143.77	146.85		
8.002	150	28	Circular	S49	142.53	143.75	S50	141.62	143.15		
8.003	150	28	Circular	S50	141.61	143.15	S51(CP)	140.97	143.15		
8.004	150	103	Circular	S42	145.22	146.82	S43	145.04	145.79		
8.005	150	18	Circular	S43	145.04	145.79	S44	143.21	143.81		
9.002	150	15	Circular	S44	143.81	145.04	S45	142.45	143.81		
9.003	225	16	Circular	S45	142.40	143.84	S35	141.66	142.82		