

SURFACE WATER NETWORK

Manhole Number	Cover Level	Depth To Soils	Connections	Code	Pipe Inverts	Manhole Date	Manhole Size	Type
S1	85.032	1.637		0	1.000	83.500	225	1500 C D400
E. 419818.400								
N. 414707.057								
S2	84.840	1.615		0	1.000	83.000	225	1500 B D400
E. 419806.086								
N. 414704.472								
S3	86.500	3.417		0	1.001	82.925	300	1500 A D400
E. 419809.070								
N. 414716.492								
S4	86.170	3.388		0	1.002	82.763	300	1500 A D400
E. 419808.252								
N. 414705.091								
S5	86.000	2.214		0	1.003	82.386	300	1500 B D400
E. 419825.747								
N. 414704.018								
S6	85.800	0.870		0	1.004	82.208	300	1500 C D400
E. 419808.208								
N. 414686.010								
S7	83.240	0.970		0	1.005	82.188	450	1500 C D400
E. 419822.175								
N. 414682.000								
S8	83.220	2.066		0	1.006	81.777	600	1500 B D400
E. 419804.086								
N. 414726.743								
S9	81.220	1.404		0	2.001	80.000	225	1500 C D400
E. 419843.048								
N. 414773.109								
S10	80.870	1.076		0	2.001	80.070	225	1500 B D400
E. 419831.213								
N. 414706.012								
S11	87.611	1.514		0	2.002	87.000	300	1500 B D400
E. 419815.840								
N. 414805.022								
S12	86.100	1.288		0	2.003	86.100	300	1500 C D400
E. 419805.107								
N. 414691.773								
S13	84.014	2.390		0	2.004	82.004	300	1500 B D400
E. 419806.683								
N. 414671.017								
S14	85.906	3.684		0	1.007	81.724	600	1500 A D400
E. 419824.054								
N. 414609.076								
S15	85.032	4.787		0	1.008	81.044	600	1500 A D400
E. 419845.705								
N. 414622.210								
S16	83.800	1.096		0	1.009	81.546	600	1500 B D400
E. 419802.683								
N. 414661.258								
S17	83.700	1.620		0	1.010	81.004	600	1500 B D400
E. 419813.084								
N. 414658.112								
S18	81.070	1.740		0	1.011	80.267	600	1500 B D400
E. 419823.108								
N. 414692.449								
TANK S18A				0	1.012	78.728	600	Headwall
S19 Flow Control	81.070	2.300		0	1.013	78.675	600	2400 C D400
E. 419878.489								
N. 414698.227								
S20	78.520	1.614		0	1.014	76.905	150	1200 B D400
E. 419461.000								
N. 414658.472								
HW1 Headwall	77.600	0.700		0	1.015	76.738	150	Headwall
E. 419596.214								
N. 414693.869								

FOUL WATER NETWORK

Manhole Number	Cover Level	Depth To Soils	Connections	Code	Pipe Inverts	Manhole Date	Manhole Size	Type
F1	83.789	1.429		0	1.000	84.182	150	1500 C D400
E. 419823.389								
N. 414705.084								
F2	84.000	1.179		0	1.001	83.600	150	1200 C D400
E. 419808.388								
N. 414703.064								
F3	86.700	3.240		0	1.001	83.319	150	1200 A D400
E. 419821.184								
N. 414703.000								
F4	86.244	3.119		0	1.002	82.974	150	1500 A D400
E. 419806.170								
N. 414703.040								
F5	85.100	2.204		0	1.003	82.556	150	1500 B D400
E. 419807.013								
N. 414655.658								
F6	83.800	1.184		0	1.004	82.498	150	1200 C D400
E. 419805.410								
N. 414695.425								
F7	83.230	0.939		0	1.005	82.465	150	1200 C D400
E. 419854.129								
N. 414651.254								
F8	83.283	3.410		0	1.006	82.247	150	1500 A D400
E. 419806.534								
N. 414705.688								
F9	81.428	2.158		0	2.001	80.100	150	1500 B D400
E. 419843.720								
N. 414772.180								
F10	88.821	2.171		0	2.001	86.500	150	1200 B D400
E. 419822.061								
N. 414662.061								
F11	87.842	2.182		0	2.002	86.600	150	1200 B D400
E. 419819.688								
N. 414652.214								
F12	86.151	1.833		0	2.003	84.200	150	1500 B D400
E. 419801.091								
N. 414655.339								
F13	85.135	2.892		0	2.004	84.200	150	1500 B D400
E. 419808.088								
N. 414671.306								
F14	86.987	4.137		0	1.008	81.700	150	1500 A D400
E. 419823.073								
N. 414671.033								
F15	87.000	6.538		0	1.009	81.521	150	1500 A D400
E. 419855.150								
N. 414654.547								
F16	84.000	2.885		0	1.010	81.188	150	1200 B D400
E. 419831.684								
N. 414662.015								
F17	83.700	2.525		0	1.011	81.000	150	1200 B D400
E. 419813.712								
N. 414658.006								
F18	84.000	2.980		0	1.012	80.800	150	1200 B D400
E. 419808.797								
N. 414670.717								
F19 - NEW COMBINED MH ON EXISTING	80.000	1.300		0	1.013	78.542	150 (BS1)	1500 C D400
E. 419879.282								
N. 414663.137								

DEMARCATION CHAMBERS SCHEDULES

Ref (BSG)	Cover Level	Invert Level	Depth to Invert (m)	Depth to Soils (m)	Diameter (mm) Ø	Cover Type	Cover Size	Chamber Type	Lateral Diameter (mm)	Lateral Length (m)	D'Stream Invert (m)	Lateral Gradient (1 in %)
01	87.100	86.100	1.000	0.850	450	B125	450x450	Type D	150	5.0	85.000x4	10.0
02	86.400	85.200x4	1.170	1.020	1200	D400	450x450	Type A	150	4.0	81.000	10.0
03	86.100	84.400	1.700	1.550	450	B125	450x450	Type D	150	4.5	83.950x4	10.0
04	85.450	82.291x4	3.159	3.009	1200	D400	450x450	Type A	150	3.0	81.991	10.0
05	86.600	85.430	1.170	1.020	450	D400	450x450	Type D	150	6.8	84.750	10.0
06	86.800	85.580	1.220	1.120	450	D400	450x450	Type D	150	8.3	84.750	10.0
07	88.075	86.750	1.325	1.175	450	B125	450x450	Type D	150	6.0	86.250	12.0
08	86.150	85.550	1.525	1.375	450	D400	450x450	Type D	150	6.7	86.250	22.3
09	89.450	87.780	1.370	1.220	450	B125	450x450	Type D	150	6.3	87.150	10.0
10	89.450	87.300	2.150	2.000	450	B125	450x450	Type D	150	9.0	87.150	60.0
11	91.400	90.270	1.130	0.980	450	B125	450x450	Type D	150	5.2	89.750	10.0