

Section 104 Manhole Schedule Network - Storm Sewers											
Manhole No.	Cover Level	Pipe No.	Pipe Diameter (mm)	Pipe Invert Level (m)	Depth to IL (m)	Manhole Type	Manhole Diameter (mm)	Cover Type	Cover Size	Co-ordinate Easting	Co-ordinate Northing
S1	164.893	1000 S1L	225 150	163.168 163.243	1.725	Type B	1200	D400	600 x 600mm	446570.505	310034.186
S2	165.629	1000 1001	225 225	163.053 163.053	2.576	Type B	1200	D400	600 x 600mm	446587.138	310023.913
S3	165.424	1001 1002	225 225	162.959 162.959	2.465	Type B	1200	D400	600 x 600mm	446594.767	310009.925
S4	164.763	1002 1003	225 225	162.860 162.860	1.903	Type B	1200	D400	600 x 600mm	446593.462	309993.083
S5	164.489	1003 1004	225 225	162.576 162.576	1.913	Type B	1200	D400	600 x 600mm	446637.208	309972.578
S6	164.103	1004 1005 S6L	225 225 150	162.378 162.378 162.453	1.725	Type B	1200	D400	600 x 600mm	446641.841	309961.210
S7	162.839	1005 1006 S7L	225 225 150	161.114 161.114 161.189	1.725	Type B	1500	D400	600 x 600mm	446631.442	309937.380
S8	162.357	1006 1007	225 225	160.632 160.632	1.725	Type B	1200	D400	600 x 600mm	446633.065	309929.036
S9	161.682	1007 1008 S9L	225 225 150	159.957 159.957 160.032	1.725	Type B	1200	D400	600 x 600mm	446644.221	309922.363
S10	161.109	1009 1008	225 225	159.393 159.393	1.716	Type B	1200	D400	600 x 600mm	446657.263	309919.500
S11	160.555	S11L 2.000	150 225	159.005 158.930	1.625	Type C	1500	D400	1,220 x 685mm	446677.294	309922.761
S12	160.770	2.000 1.010 1.009	225 300 225	158.657 158.582 158.657	2.188	Type B	1500	D400	600 x 600mm	446669.318	309920.398
S13	163.111	S13L 3.000	150 225	161.761 161.686	1.425	Type C	1500	D400	1,220 x 685mm	446579.305	309966.776
S14	161.465	3.000 3.001 S14L	225 225 225	160.040 160.040 160.040	1.425	Type C	1500	D400	1,220 x 685mm	446565.942	309936.889
S15	161.125	3.001 3.002 S15L	225 300 150	159.400 159.325 159.475	1.800	Type B	1200	D400	600 x 600mm	446569.092	309928.439
S16	160.675	3.002 3.003	300 300	158.875 158.875	1.800	Type B	1200	D400	600 x 600mm	446612.735	309904.042
S17	161.200	3.003 3.004 S17L	300 300 150	158.450 158.450 158.600	2.750	Type B	1200	D400	600 x 600mm	446623.521	309908.967
S18 FCU	158.375	1.011 1.012	225 225	156.100 156.100	2.700	See Detail	2700	D400	See Detail	446694.580	309880.175
FCU denotes control chamber with sump and Hydro-Brake Optimum Vortex Flow Control Device, IL shown EXCLUDES sump.											

Section 104 Manhole Schedule Network - Foul Sewers											
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F1	160.468	1000 F1L	150 150	156.368 156.368	4.100	Type A	1200	D400	600 x 600mm	446679.226	309921.089
F2	160.932	1000 1001	150 150	156.243 156.243	4.689	Type A	1200	D400	600 x 600mm	446660.974	309917.066
F3	161.739	1001 1002 F3L	150 150 150	156.110 156.110 156.110	5.629	Type A	1200	D400	600 x 600mm	446641.455	309921.425
F4	161.778	2.000 F4LA F4LB	150 150 150	159.828 159.828 159.828	1.950	Type B	1200	D400	600 x 600mm	446566.443	309943.730
F5	161.400	2.000 2.001 F5L	150 150 150	158.900 158.900 158.900	2.500	Type B	1200	D400	600 x 600mm	446571.207	309929.139
F6	160.925	2.001 1.003 1.002 F6L	150 150 150 150	155.878 155.878 155.878 155.878	5.047	Type A	1200	D400	600 x 600mm	446609.845	309906.982
F7	155.450	1.003 1.004	150 150	153.600 153.600	1.850	Type B	1200	D400	600 x 600mm	446571.210	309825.697
F8	152.765	1.004 1.005	225 225	151.376 151.301	1.464	Type C	1500	D400	1,220 x 685mm	446484.288	309825.811
F9	152.450	1.005 1.006	225 225	151.255 151.255	1.195	Type C	1500	D400	1,220 x 685mm	446478.492	309820.602
F10	152.560	1.006 1.007	225 225	150.967 150.967	1.593	Type C	1500	D400	1,220 x 685mm	446436.426	309845.653

Private Lateral Manhole Schedule Network - Storm Sewers											
Manhole No.	Cover Level	Pipe No.	Pipe Diameter (mm)	Pipe Invert Level (m)	Depth to IL (m)	Manhole Type	Manhole Diameter (mm)	Cover Type	Cover Size	Co-ordinate Easting	Co-ordinate Northing
S1L	165.000	S1L	150	163.650	1.350	Type D	450	A15	600 x 600mm	446567.352	310029.082
S6L	164.200	S6L	150	162.850	1.350	Type D	450	A15	600 x 600mm	446647.415	309964.142
S7L	162.950	S7L	150	161.600	1.350	Type D	450	B125	600 x 600mm	446625.942	309939.776
S9L	161.950	S9L	150	160.450	1.500	Type D	450	A15	600 x 600mm	446645.185	309926.758
S11L	160.500	S11L	150	159.100	1.400	Type D	450	B125	600 x 600mm	446688.505	309927.040
S13L	163.250	S13L	150	161.850	1.400	Type D	450	B125	600 x 600mm	446573.828	309969.225
S14L	161.600	S14L	225	160.175	1.425	Type D	600	A15	600 x 600mm	446560.465	309939.338
S15L	161.675	S15L	150	159.975	1.700	Type D	450	B125	600 x 600mm	446571.136	309933.002
S17L	161.150	S17L	150	159.450	1.700	Type D	450	A15	600 x 600mm	446615.067	309910.376

Private Lateral Manhole Schedule Network - Foul Sewers											
Manhole No.	Cover Level	Pipe No.	Pipe Diameter (mm)	Pipe Invert Level (m)	Depth to IL (m)	Manhole Type	Manhole Diameter (mm)	Cover Type	Cover Size	Co-ordinate Easting	Co-ordinate Northing
F1L	160.475	F1L	150	156.448	4.027	Type A	1200	D400	600 x 600mm	446690.292	309925.729
F3L	162.100	F3L	150	156.810	5.290	Type D	600	A15	600 x 600mm	446644.379	309927.785
F4LA	162.400	F4LA	150	160.550	1.850	Type D	450	B125	600 x 600mm	446546.359	309952.710
F4LB	162.300	F4LB	150	160.800	1.500	Type D	450	A15	600 x 600mm	446562.321	309952.967
F5L	161.825	F5L	150	159.250	2.575	Type D	450	B125	600 x 600mm	446572.638	309932.334
F6L	161.400	F6L	150	156.650	4.750	Type D	600	B125	600 x 600mm	446612.895	309914.074

Section 104 Pipe Schedule Network - Storm Sewers							
Pipe Number	Manhole U/S - D/S	Upstream IL	Downstream IL	Size (mm)	Plan Length	Slope	Material
1.000	S1 - S2	163.168	163.053	225	19.55	1:170.0	Polysewer
1.001	S2 - S3	163.053	162.959	225	15.93	1:170.0	Polysewer
1.002	S3 - S4	162.959	162.860	225	16.89	1:170.0	Polysewer
1.003	S4 - S5	162.860	162.576	225	48.31	1:170.0	Polysewer
1.004	S5 - S6	162.576	162.378	225	12.28	1:62.1	Polysewer
1.005	S6 - S7	162.378	161.114	225	26.00	1:20.6	Polysewer
1.006	S7 - S8	161.114	160.632	225	8.50	1:17.6	Polysewer
1.007	S8 - S9	160.632	159.957	225	13.00	1:19.3	Polysewer
1.008	S9 - S10	159.957	159.393	225	13.35	1:23.7	Polysewer
1.009	S10 - S12	159.393	158.657	225	12.09	1:16.4	Polysewer
1.010	S12 - HW1	158.582	156.700	300	29.50	1:15.7	Polysewer
1.011	HW3 - S18 FCU	156.475	156.100	225	8.00	1:21.3	Polysewer
1.012	S18 FCU - HW4	156.100	155.230	225	8.70	1:10.0	Polysewer
2.000	S11 - S12	158.930	158.657	225	8.32	1:30.5	Polysewer
3.000	S13 - S14	161.686	160.040	225	32.74	1:19.9	Polysewer
3.001	S14 - S15	160.040	159.400	225	9.02	1:14.1	Polysewer
3.002	S15 - S16	159.325	158.875	300	50.00	1:111.1	Polysewer
3.003	S16 - S17	158.875	158.450	300	11.86	1:27.9	Polysewer
3.004	S17 - HW2	158.450	156.700	300	46.97	1:26.8	Polysewer
HW4 SW Discharge Coordinate X: 4446696.787, Y: 309871.760							

Section 104 Pipe Schedule Network - Foul Sewers							
Pipe Number	Manhole U/S - D/S	Upstream I/L	Downstream I/L	Size (mm)	Plan Length	Slope	Material
1.000	F1 - F2	156.368	156.243	150	18.69	1:150.0	Polysewer
1.001	F2 - F3	156.243	156.110	150	20.00	1:150.0	Polysewer
1.002	F3 - F6	156.110	155.878	150	34.75	1:150.0	Polysewer
1.003	F6 - F7	155.878	153.600	150	90.00	1:39.5	Polysewer
1.004	F7 - F8	153.600	151.376	150	86.92	1:39.1	Polysewer
1.005	F8 - F9	151.301	151.255	225	7.79	1:170.0	Polysewer
1.006	F9 - F10	151.255	150.967	225	48.96	1:170.0	Polysewer
1.007	F10 - FW Junction	150.967	150.956	225	7.65	1:170.0	Polysewer
2.000	F4 - F5	159.828	158.900	150	15.35	1:16.5	Polysewer
2.001	F5 - F6	158.900	155.878	150	44.54	1:14.7	Polysewer
FW Junction Discharge Coordinate X: 446434.512, Y: 309845.370							

Private Lateral Pipe Schedule Network - Storm Sewers							
Pipe Number	Manhole U/S - D/S	Upstream IL	Downstream IL	Size (mm)	Plan Length	Slope	Material
S1L	S1L - S1	163.650	163.243	150	6.00	1:14.7	PVC
S6L	S6L - S6	162.850	162.453	150	6.30	1:15.9	PVC
S7L	S7L - S7	161.600	161.189	150	6.00	1:14.6	PVC
S9L	S9L - S9	160.450	160.032	150	4.50	1:10.8	PVC
S11L	S11L - S11	159.100	159.005	150	12.00	1:126.3	PVC
S13L	S13L - S13	161.850	161.761	150	6.00	1:67.4	PVC
S14L	S14L - S14	160.175	160.040	225	6.00	1:44.4	PVC
S15L	S15L - S15	159.975	159.475	150	5.00	1:10.0	PVC
S17L	S17L - S17	159.450	158.600	150	8.57	1:10.1	PVC

Private Lateral Pipe Schedule Network - Foul Sewers							
Pipe Number	Manhole U/S - D/S	Upstream IL	Downstream IL	Size (mm)	Plan Length	Slope	Material
F1L	F1L - F1	156.448	156.368	150	12.00	1:150.0	Polysewer
F3L	F3L - F3	156.810	156.110	150	7.00	1:10.0	PVC
F4LA	F4LA - F4	160.550	159.828	150	22.00	1:30.5	PVC
F4LB	F4LB - F4	160.800	159.828	150	10.12	1:10.4	PVC
F5L	F5L - F5	159.250	158.900	150	3.50	1:10.0	PVC
F6L	F6L - F6	156.650	155.878	150	7.72	1:10.0	PVC

GENERAL NOTES

- DO NOT SCALE.
- This drawing is to be read in conjunction with all other relevant drawings and details.
- Should there be any conflict between the details indicated on this drawing and other drawings the Engineer should be informed PRIOR to construction on site.
- Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site works prior to such approval being provided it is entirely at their own risk.
- Sketch proposals are for illustrative purposes only and as such are subject to detailed site investigation