

Legend:

- F13 Adoptable Foul Drain Rising Main
- Adoptable Foul Sewer with MH TYPE 2 PCC Ring
- F12 150dia 1'150 Foul Drain with MH TYPE 2 PCC Ring, Diameter and Gradient
- F1 100dia 1'180 Foul Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- F2 100dia 1'180 Foul Drain with TYPE 4 250/300 Diameter Inspection Chamber, Diameter and Gradient
- BD Foul Drain Backdrop
- S28 150dia 1'150 Surface Water with MH TYPE 2 PCC Ring, Diameter and Gradient
- S1 100dia 1'100 Surface Water Drain with TYPE 3 450 Diameter Inspection Chamber, Diameter and Gradient
- S11 225dia 1'225 Surface Water Drain with TYPE 3 600 Diameter Inspection Chamber, Diameter and Gradient
- Surface Water rodding eye
- Surface Water Plastic Yard Gully with 100 Diameter Plastic pipe
- Surface Water Road Gully with 150 Diameter Plastic pipe
- BD Surface Water Backdrop

POROUS DRIVE
Formation level: 6.320m
Top of stone: 6.975m
Min depth of stone: 0.250m

POROUS DRIVE
Formation level: 6.320m
Top of stone: 6.875m
Min depth of stone: 0.250m

POROUS DRIVE
Formation level: 6.300m
Top of stone: 6.860m
Min depth of stone: 0.265m

POROUS DRIVE
Formation level: 6.200m
Top of stone: 6.800m
Min depth of stone: 0.250m

POROUS DRIVE
Formation level: 6.110m
Top of stone: 6.825m
Min depth of stone: 0.250m

Tank 3
Aquacell Attenuation Tank
7.5(w) x 25(l) x 1.6m (d)
Storage volume: 330.6m³
Soffit level: 6.29
Invert level: 4.690

Manhole with
hydrobrake limiting
discharge rate to
90l/s

Outfall headwall

SURFACE WATER MANHOLE SCHEDULE							
No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
1	S1	7.210	5.285	1.625	1200	2	D400
2	S2	7.100	5.025	1.700	1350	2	B125
3	S3	7.030	4.921	1.734	1350	2	B125
4	S4	6.800	4.762 /RDS.44 /RDS.500	1.663	1350	2	D400
5	S4/1	6.890	6.113	0.677	450	3	A15
6	S4/2	6.920	6.100	0.720	450	3	B125
7	S4/3	6.980	6.186	0.692	450	3	B125
8	S4/4	6.855	6.085	0.670	450	3	D400
9	S4/4/1	6.900	6.300	0.500	450	3	B125
10	S4/5	6.870	6.270	0.500	450	3	B125
11	S4/6	6.920	6.116	0.704	450	3	B125
12	S4/7	6.920	6.203	0.617	450	3	B125
13	S5	6.710	4.688 /RDS.44	1.647	1350	2	D400
14	S5/1	7.000	6.400	0.500	450	3	A15
15	S5/2	6.700	6.100	0.500	450	3	A15
16	S6	7.030	4.807	2.048	1350	2	D400
17	S6/1	7.045	6.215	0.730	450	3	B125
18	S6/2	7.100	6.224	0.776	450	3	A15
19	S6/3	7.054	6.443	0.511	450	3	B125
20	S7	6.920	5.285	1.335	1200	2	D400
21	S8	6.970	5.226	1.444	1200	2	D400
22	S8/1	7.038	6.050	0.888	450	3	D400
23	S8/1/1	6.935	6.335	0.500	450	3	A15
24	S8/2	6.965	6.263	0.602	450	3	A15
25	S9	6.690	5.630	0.960	450	3	D400
26	S10	7.160	5.340	1.595	600	3	D400
27	S11	7.179	5.272	1.682	600	3	B125
28	S12	7.011	6.200	0.711	450	3	B125
29	S13	7.057	6.106	0.851	450	3	A15
30	S14	6.970	5.900	0.970	450	3	D400
31	S15	6.350	4.660	1.315	1350	2	B125
32	S16	6.960	5.960	0.775	600	3	A15

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
33	S17	7.000	5.714	1.061	600	3	A15
34	S18	7.080	5.627	1.303	1200	2	B125
35	S19	6.850	5.530	1.170	1200	2	B125
36	S20	6.800	5.460	1.200	1200	2	B125
37	S21	7.000	5.401	1.449	1200	2	B125
38	S22	6.710	5.322	1.238	1200	2	B125
39	S23	6.530	5.278	1.102	1200	2	D400
40	S24	6.600	5.150	1.225	1200	2	D400
41	S25	6.500	5.084	1.191	1200	2	D400
42	S26	6.410	5.003	1.182	1200	2	D400
43	S27	6.560	4.802	1.383	1350	2	D400
44	S28	6.560	4.773	1.412	1350	2	D400
45	S29	6.520	4.745	1.400	1350	2	D400
46	S29/1	6.760	6.126	0.534	450	3	B125
47	S30	7.225	6.580	0.565	450	3	A15
48	S31	7.200	6.395	0.705	450	3	A15
49	S31/1	7.200	6.586	0.514	450	3	A15
50	S32	7.138	6.286	0.750	450	3	B125
51	S33	7.120	5.770	1.250	450	3	D400
52	S34	6.590	5.150	1.215	600	3	D400
53	S34/1	7.035	6.088	0.867	450	3	A15
54	S34/2	7.155	6.225	0.830	450	3	B125
55	S35	6.850	4.700	2.000	1200	2	A15
56	S36	6.875	6.185	0.690	450	3	B125
57	S37	6.835	6.143	0.592	450	3	A15
58	S38	6.835	6.014	0.721	450	3	A15
59	S39	6.800	5.190	1.510	450	3	A15
60	S40	7.336	6.550	0.686	450	3	A15
61	S41	7.120	6.283	0.737	450	3	A15
62	S42	7.140	5.453	1.587	450	3	D400
63	S42/1	6.940	5.590	1.250	450	3	D400
64	S42/2	6.933	6.200	0.633	450	3	B125
65	S43	7.260	5.320	1.790	1200	2	D400

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
66	S43/1	7.135	6.397	0.638	450	3	A15
67	S43/2	7.135	6.555	0.530	450	3	A15
68	S44	6.750	5.956	0.694	450	3	A15
69	S45	6.735	5.822	0.813	450	3	A15
70	S45/1	6.735	6.135	0.500	450	3	A15
71	S45/2	6.735	6.135	0.500	450	3	A15
72	S46	6.790	5.664	1.026	450	3	A15
73	S47	6.870	5.572	1.198	450	3	D400
74	S47/1	6.750	5.730	0.920	450	3	A15
75	S47/2	6.750	5.886	0.764	450	3	A15
76	S47/3	6.685	5.985	0.600	450	3	B125
77	S48	6.591	5.991	0.500	450	3	B125
78	S49	6.685	5.756	0.829	450	3	A15
79	S50	6.668	5.641	0.927	450	3	A15
80	S50/1	6.760	6.147	0.513	450	3	B125
81	S51	6.800	6.200	0.500	450	3	B125
82	S52	6.735	5.934	0.701	450	3	A15
83	S53	6.758	5.784	0.874	450	3	A15
84	S54	6.920	5.953	1.167	450	3	D400
85	S55	7.000	6.400	0.500	450	3	A15
86	S56	6.710	6.108	0.592	450	3	A15
87	S57	7.055	5.837	1.118	450	3	A15
88	S57/1	6.935	6.324	0.511	450	3	A15
89	S58	7.190	6.589	0.501	450	3	B125
90	S59	7.310	6.000	1.210	450	3	D400
91	S59/1	7.135	6.465	0.570	450	3	A15

* Cover size restricted to 350mm dia or 300 x 300mm where depth of chamber to invert level is >1.2m.

No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
1	F1	6.910	6.060	0.750	450	3	A15
2	F2	6.930	5.630	1.200	450	3	D400
3	F3	7.050	5.459	1.491	450	3	D400
4	F3/1	7.100	6.035	0.965	450	3	A15
5	F4	7.100	5.215	1.785	450	3	D400
6	F4A	7.090	5.071	1.919	450	3	D400
7	F4/1	7.175	6.285	0.790	450	3	A15
8	F5	7.080	4.917	2.083	450	3	D400
9	F5/1	7.100	6.360	0.640	450	3	A15
10	F5/2	7.100	6.500	0.500	250	4	B125
11	F6	6.660	4.628	1.932	450	3	D400
12	F7	6.800	4.325	2.375	450	3	D400
13	F7/1	7.100	6.500	0.500	250	4	A15
14	F7/2	6.800	6.000	0.700	300	4	A15
15	F7/3	7.000	6.335	0.565	300	4	A15
16	F7/4	7.000	6.235	0.665	300	4	A15
17	F7/5	6.900	6.200	0.500	250	4	A15
18	F8	6.800	4.081	2.569	450	3	D400
19	F8/1	7.100	6.500	0.500	250	4	A15
20	F8/2	7.000	6.150	0.750	300	4	A15
21	F9	7.000	3.945	2.905	450	3	B125
22	F9/1	7.050	6.200	0.750	450	3	A15
23	F9/2	7.000	6.150	0.750	300	4	A15
24	F10	7.000	3.715	3.155	1200	1	B125
25	F10/1	7.100	6.150	0.850	450	3	A15
26	F10/2	7.050	6.200	0.750	450	3	A15
27	F10/3	7.050	6.200	0.750	450	3	A15
28	F10/4	7.050	6.200	0.750	450	3	A15
29	F11	7.130	3.552	3.428	1200	1	D400
30	F11/1	6.935	6.035	0.800	450	3	A15
31	F11/2	6.935	6.035	0.800	450	3	A15
32	F12	6.670	3.715	2.805	1200	2	D400
33	F12/1	6.800	6.200	0.500	250	4	A15
34	F13	7.150	3.138	3.862	1200	1	B125
35	F13A	6.750	5.301	1.299	1200	2	D400
36	F13B	6.750	5.240	1.360	1200	2	D400
37	F14	7.040	5.730	1.210	450	3	D400
38	F14/1	7.085	6.485	0.500	250	4	A15
39	F15	7.070	5.361	1.609	450	3	D400
40	F15/1	7.135	6.535	0.500	250	4	A15
41	F15/2	7.135	6.535	0.500	250	4	A15
42	F16	6.700	6.206	0.734	450	3	B125
43	F16/1	7.075	6.325	0.650	300	4	B125
44	F16/2	7.100	6.500	0.500	250	4	A15
45	F17	7.290	5.885	1.325	450	3	A15
46	F17/1	7.230	6.480	0.650	300	4	B125

FOUL WATER MANHOLE SCHEDULE							
No	Reference	Cover Level (m)	Invert Level (m)	Depth to soffit (m)	Chamber Size (mm)	Type	Cover Grade
47	F17/2	7.350	6.750	0.500	250	4	A15
48	F17/3	7.300	6.485	0.715	300	4	A15
49	F17/4	7.300	6.485	0.715	300	4	A15
50	F18	7.290	5.648	1.542	450	3	A15*
51	F18/1	7.300	6.450	0.750	300	4	A15
52	F18/2	7.300	6.450	0.750	300	4	A15
53	F19	7.070	5.314	1.656	450	3	D400*
54	F19/1	7.280	6.350	0.830	300	4	A15
55	F20	7.260	5.259	1.901	450	3	D400*
56	F20/1	7.135	6.535	0.500	250	4	A15
57	F20/2	7.085	6.485	0.500	250	4	A15
58	F21	7.100	4.729	2.271	450	3	B125*
59	F21/1	7.000	6.400	0.500	250	4	A15
60	F21/2	7.120	6.520	0.500	250	4	A15
61	F21/3	7.000	6.400	0.500	250	4	A15
62	F21/4	7.120	6.520	0.500	250	4	A15
63	F21/5	7.120	6.520	0.500	250	4	A15
64	F21/6	6.935	6.335	0.500	250	4	A15
65	F22	7.050	6.422	0.528	450	3	A15
66	F22/1	7.100	6.500	0.500	250	4	A15
67	F23	7.070	6.170	0.800	450	3	A15
68	F23/1	6.935	6.335	0.500	250	4	A15
69	F23/2	7.050	6.450	0.500	250	4	A15
70	F23/3	7.050	6.450	0.500	250	4	A15
71	F23/4	7.020	6.420	0.500	250	4	A15
72	F23/5	7.050	6.450	0.500	250	4	A15
73	F23/6	7.000	6.400	0.500	250	4	A15
74	F24	6.530	5.220	1.210	450	3	D400*
75	F24/1	6.680	5.830	0.750	450	3	B125
76	F24/2	6.685	6.085	0.500	250	4	A15
77	F25	6.620	4.704	1.816	450	3	D400*
78	F25/1	6.685	6.085	0.500	250	4	A15
79	F25/2	6.700	6.100	0.500	250	4	A15
80	F26	6.652	5.860	0.659	450	3	B125
81	F26/3/1	6.685	6.085	0.500	250	4	A15
82	F26/3/2	6.725	6.000	0.625	300	4	B125
83	F26/4	6.620	5.818	0.702	450	3	B125
84	F26/4/1	6.685	6.085	0.500	250	4	A15
85	F26/4/2	6.725	5.925	0.700	300	4	B125
86	F26	6.665	4.483	2.082	450	3	D400*
87	F26/1	6.640	5.988	0.572	300	4	B125
88	F26/1/1	6.775	6.025	0.500	250	4	A15
89	F26/2	6.735	5.935	0.500	250	4	B125
90	F27	6.700	4.193	2.447	450	3	D400*
91	F27/1	6.800	5.806	0.894	450	3	A15*
92	F27/2	6.770	5.955	0.715	300	4	B125

* Cover size restricted to 350mm dia or 300 x 300mm where depth of chamber to invert level is $\geq 1.2\text{m}$.