

Surface Water Manhole & Pipe Schedule											
Manhole ID	Cover Level	Invert Level	Manhole Depth	Manhole Type	Cover Type	Comments	Connecting Route	Pipe Length	Fall	Gradient	Pipe Type
RE1	112.600	112.000	0.600	Rodding Eye	B125	Protective concrete bed and surround	RE1-S10	23.248	0.233	1 in 100	150mm PVC
RE2	112.350	111.750	0.600	Rodding Eye	B125		RE2-S19	15.863	0.650	1 in 24	100mm PVC
RE4	110.451	109.851	0.600	Rodding Eye	B125		RE4-S27	11.397	0.114	1 in 100	150mm PVC
RE5	109.750	109.150	0.600	Rodding Eye	B125		RE5-S40	9.801	0.109	1 in 90	150mm PVC
RE6	109.650	109.050	0.600	Rodding Eye	B125		RE6-S42	12.648	0.264	1 in 48	100mm PVC
RE7	109.435	108.835	0.600	Rodding Eye	B125		RE7-S51	11.199	0.135	1 in 83	150mm PVC
RE8	109.341	108.741	0.600	Rodding Eye	B125		RE8-S48	11.197	0.525	1 in 21	100mm PVC
RE9	108.150	107.550	0.600	Rodding Eye	B125		RE9-S58	8.006	0.081	1 in 99	150mm PVC
S1	112.567	111.810	0.757	450mm PPIC	C250		S1-S2	9.257	0.100	1 in 93	150mm PVC
S2	112.564	111.710	0.854	450mm PPIC	C250		S2-S3	5.218	0.280	1 in 19	150mm PVC
S3	112.596	111.430	1.166	450mm PPIC	C250		S3-S5	12.501	0.127	1 in 98	150mm PVC
S4	112.285	111.530	0.755	450mm PPIC	C250		S4-S3	9.919	0.100	1 in 99	150mm PVC
S5	112.150	111.303	0.847	450mm PPIC	B125	S5-S6	24.327	0.446	1 in 55	150mm PVC	
S6	111.807	110.857	0.950	450mm PPIC	B125	S6-S14	9.077	0.367	1 in 25	150mm PVC	
S7	111.690	110.990	0.700	450mm PPIC	C250	S7-S8	6.098	0.190	1 in 32	100mm PVC	
S8	111.555	110.800	0.755	450mm PPIC	C250	S8-S14	5.676	0.310	1 in 18	100mm PVC	
S9	111.714	110.964	0.750	450mm PPIC	C250	S9-S17	16.750	0.881	1 in 19	150mm PVC	
S10	112.850	111.767	1.083	450mm PPIC	B125	S10-S11	17.686	0.177	1 in 100	150mm PVC	
S11	112.450	111.590	0.860	450mm PPIC	B125	S11-S12	16.625	0.167	1 in 100	150mm PVC	
S12	112.125	111.423	0.702	450mm PPIC	B125	S12-S13	10.476	0.275	1 in 38	150mm PVC	
S13	112.000	111.148	0.852	450mm PPIC	B125	S13-S6	12.822	0.291	1 in 44	150mm PVC	
S14	111.445	110.490	0.955	1200mm PCC	D400	S14-S66	15.924	1.125	1 in 14	225mm PVC	
S15	111.520	110.770	0.750	450mm PPIC	C250	S15-S16	5.639	0.038	1 in 148	150mm PVC	
S16	111.610	110.732	0.878	450mm PPIC	C250	S16-S39	2.479	0.182	1 in 14	150mm PVC	
S17	111.900	110.083	1.817	600mm PPIC	B125	S17-S20	19.109	0.192	1 in 100	150mm PVC	
S18	110.464	109.864	0.600	300mm PPIC	C250	S18-S31	5.206	0.418	1 in 12	150mm PVC	
S19	111.800	111.100	0.700	450mm PPIC	B125	S19-S22	30.521	0.306	1 in 100	150mm PVC	
S20	110.975	109.891	1.084	450mm PPIC	C250	S20-S21	7.216	0.491	1 in 15	150mm PVC	
S21	110.738	109.400	1.338	1200mm PCC	D400	S21-S26	8.006	0.250	1 in 32	150mm PVC	
S22	112.200	110.794	1.406	600mm PPIC	B125	S22-S23	10.905	0.114	1 in 96	150mm PVC	
S23	111.350	110.680	0.670	450mm PPIC	B125	S23-S24	5.734	0.505	1 in 11	150mm PVC	
S24	110.975	110.175	0.800	450mm PPIC	C250	S24-S20	6.067	0.284	1 in 21	150mm PVC	
S25	112.187	111.187	1.000	600mm PPIC	D400	S25-S14	34.838	0.697	1 in 50	225mm PVC	
S26	110.335	109.150	1.185	1200mm PCC	D400	S26-Pond	15.861	0.813	1 in 20	300mm PVC	
S27	110.630	109.737	0.893	450mm PPIC	B125	S27-S28	9.676	0.097	1 in 100	150mm PVC	
S28	110.510	109.640	0.870	450mm PPIC	B125	S28-S29	8.836	0.089	1 in 99	150mm PVC	
S29	110.450	109.551	0.899	450mm PPIC	B125	S29-S30	4.857	0.049	1 in 99	150mm PVC	
S30	110.265	109.502	0.763	450mm PPIC	C250	S30-S31	5.545	0.056	1 in 99	150mm PVC	
S31	110.203	109.446	0.757	450mm PPIC	C250	S31-S26	19.039	0.296	1 in 64	150mm PVC	
S32	109.984	108.634	1.350	1200mm PCC	D400	S32-S33	21.954	1.124	1 in 20	225mm PVC	
S33	108.860	107.510	1.350	1200mm PCC	D400	S33-S36	19.119	1.200	1 in 16	225mm PVC	
S34	109.965	108.650	1.315	1200mm PCC	B125	S34-Pond	5.131	0.313	1 in 16	300mm PVC	
S35 Pump	109.900	108.311	1.589	1200mm PCC	B125	Rising main	S35 Pump-Ditch	Rising main	Rising main	Rising main	Rising main
S36	107.522	106.310	1.212	1200mm PCC	D400	Non-return valve	S36-S37	5.131	0.051	1 in 101	225mm PVC
S37	107.565	106.259	1.306	1200mm PCC	D400	Backdrop	S37-S61	29.500	0.295	1 in 100	225mm PVC
S38	109.696	108.946	0.750	450mm PPIC	C250		S38-S41	11.543	0.116	1 in 100	150mm PVC
S39	111.550	110.550	1.000	600mm PPIC	D400		S39-S21	27.520	1.150	1 in 24	225mm PVC
S40	109.750	109.041	0.709	450mm PPIC	B125		S40-S43	14.238	0.143	1 in 100	150mm PVC
S41	109.700	108.830	0.870	450mm PPIC	C250		S41-S42	4.356	0.044	1 in 99	150mm PVC
S42	109.550	108.786	0.764	450mm PPIC	B125		S42-S46	18.794	1.286	1 in 15	150mm PVC
S43	109.550	108.898	0.652	450mm PPIC	B125		S43-S44	12.772	0.128	1 in 100	150mm PVC
S44	109.539	108.770	0.769	450mm PPIC	B125		S44-S46	7.778	0.599	1 in 13	150mm PVC
S46	108.100	107.500	0.600	450mm PPIC	B125		S46-Tank	2.976	0.315	1 in 9	150mm PVC
S48	109.302	108.216	1.086	450mm PPIC	B125		S48-Tank	5.207	1.031	1 in 5	150mm PVC
S50	109.390	108.512	0.878	450mm PPIC	B125		S50-S48	9.596	0.296	1 in 32	150mm PVC
S51	109.451	108.700	0.751	450mm PPIC	C250		S51-S52	8.372	0.084	1 in 100	150mm PVC
S52	109.451	108.616	0.835	450mm PPIC	C250	S52-S53	0.936	0.010	1 in 94	150mm PVC	
S53	109.451	108.606	0.845	450mm PPIC	B125	S53-S50	9.388	0.094	1 in 100	150mm PVC	
S54	107.850	106.704	1.146	450mm PPIC	B125	S54-Tank	6.237	0.569	1 in 11	150mm PVC	
S55	108.250	107.380	0.870	450mm PPIC	B125	S55-S54	16.208	0.676	1 in 24	150mm PVC	
S56	108.150	107.397	0.753	450mm PPIC	C250	S56-S55	1.647	0.017	1 in 97	150mm PVC	
S58	108.280	107.469	0.811	450mm PPIC	C250	S58-S56	7.154	0.072	1 in 99	150mm PVC	
S59	107.500	106.900	0.600	450mm PPIC	B125	S59-S54	19.579	0.196	1 in 100	150mm PVC	
S60	108.000	107.400	0.600	300mm PPIC	B125	S60-S59	7.063	0.500	1 in 14	100mm PVC	
S61	107.340	105.964	1.376	1200mm PCC	B125	Non-return valve	S61-S62 Pump	2.173	0.013	1 in 167	225mm PVC
S62 Pump	107.240	105.951	1.289	1200mm PCC	B125	Rising main	S62 Pump-S34	Rising main	Rising main	Rising main	Rising main
S66	109.965	109.365	0.600	1200mm PCC	B125	300mm sump acting as a catchpit	S66-Pond	4.294	1.028	1 in 4	225mm PVC
Pond	109.965	108.337	1.628				Pond-S35 Pump	4.280	0.026	1 in	