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Date 06/12/2024 15:59 File 10051123-ARC-050-1A-CL-...	Designed by G WARSAMA Checked by T FAIRLIE	
Innovyze	Network 2020.1.3	


FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.000	51.585	0.344	150.0	0.000	14	0.0	1.500	o	150	Pipe/Conduit	
F1.001	22.865	0.152	150.4	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F2.000	19.034	2.708	7.0	0.000	1	0.0	1.500	o	100	Pipe/Conduit	
F1.002	17.868	0.119	150.1	0.000	2	0.0	1.500	o	150	Pipe/Conduit	
F3.000	20.190	3.410	5.9	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F1.003	14.876	0.099	150.3	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F4.000	22.872	3.812	6.0	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F4.001	7.453	0.640	11.6	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F1.004	34.052	0.227	150.0	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F1.005	32.554	0.217	150.0	0.000	7	0.0	1.500	o	150	Pipe/Conduit	
F1.006	20.090	0.134	149.9	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F5.000	29.114	2.280	12.8	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F5.001	5.991	1.980	3.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse Add	Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.000	76.647	0.000	0.0	14	0.0	23	0.37	0.71	12.6	0.6
F1.001	76.303	0.000	0.0	18	0.0	26	0.40	0.71	12.6	0.8
F2.000	78.374	0.000	0.0	1	0.0	4	0.46	2.52	19.8	0.0
F1.002	75.616	0.000	0.0	21	0.0	28	0.42	0.71	12.6	1.0
F3.000	78.957	0.000	0.0	2	0.0	5	0.62	2.75	21.6	0.1
F1.003	75.497	0.000	0.0	23	0.0	30	0.43	0.71	12.6	1.1
F4.000	79.885	0.000	0.0	2	0.0	5	0.62	2.73	21.4	0.1
F4.001	76.073	0.000	0.0	2	0.0	6	0.50	1.96	15.4	0.1
F1.004	75.398	0.000	0.0	31	0.0	34	0.47	0.71	12.6	1.4
F1.005	75.171	0.000	0.0	38	0.0	38	0.50	0.71	12.6	1.8
F1.006	74.954	0.000	0.0	41	0.0	39	0.51	0.71	12.6	1.9
F5.000	78.590	0.000	0.0	2	0.0	6	0.48	1.87	14.7	0.1
F5.001	76.310	0.000	0.0	2	0.0	4	0.78	3.85	30.2	0.1

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.007	14.821	0.099	149.7	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F6.000	29.298	2.442	12.0	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F6.001	7.303	1.007	7.3	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F1.008	34.008	1.714	19.8	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.009	23.198	1.105	21.0	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.010	22.025	0.672	32.8	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.011	25.339	0.697	36.4	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F7.000	18.538	1.237	15.0	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F7.001	12.960	0.670	19.3	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F1.012	23.590	0.161	146.5	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F1.013	24.641	0.164	150.3	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F8.000	28.421	1.228	23.1	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F8.001	21.348	2.116	10.1	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F1.014	20.150	0.134	150.4	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.015	13.877	0.093	149.2	0.000	0	0.0	1.500	o	150	Pipe/Conduit	















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse Add	Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.007	74.820	0.000	0.0	43	0.0	40	0.52	0.71	12.6	2.0
F6.000	78.219	0.000	0.0	5	0.0	9	0.67	1.93	15.2	0.2
F6.001	75.778	0.000	0.0	9	0.0	10	0.96	2.48	19.5	0.4
F1.008	74.721	0.000	0.0	56	0.0	28	1.15	1.97	34.9	2.6
F1.009	73.007	0.000	0.0	60	0.0	29	1.15	1.92	33.9	2.8
F1.010	71.902	0.000	0.0	64	0.0	34	1.00	1.53	27.1	3.0
F1.011	71.301	0.000	0.0	64	0.0	34	0.96	1.46	25.7	3.0
F7.000	72.561	0.000	0.0	2	0.0	6	0.46	1.73	13.6	0.1
F7.001	71.324	0.000	0.0	5	0.0	10	0.57	1.52	11.9	0.2
F1.012	70.604	0.000	0.0	74	0.0	53	0.61	0.72	12.8	3.4
F1.013	70.443	0.000	0.0	80	0.0	56	0.62	0.71	12.6	3.7
F8.000	73.673	0.000	0.0	3	0.0	8	0.45	1.39	10.9	0.1
F8.001	72.445	0.000	0.0	6	0.0	9	0.76	2.10	16.5	0.3
F1.014	70.279	0.000	0.0	90	0.0	59	0.64	0.71	12.6	4.2
F1.015	70.145	0.000	0.0	90	0.0	59	0.64	0.72	12.7	4.2

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F9.000	20.134	0.533	37.8	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F9.001	32.466	0.812	40.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F9.002	42.579	1.065	40.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F10.000	44.095	1.102	40.0	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F10.001	11.475	1.111	10.3	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F9.003	49.503	0.736	67.3	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F11.000	42.237	0.916	46.1	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F11.001	11.006	1.417	7.8	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F9.004	80.732	3.695	21.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F12.000	36.508	1.877	19.5	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F12.001	18.800	1.551	12.1	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F12.002	6.521	1.693	3.9	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F9.005	34.100	0.666	51.2	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F9.006	41.117	1.762	23.3	0.000	8	0.0	1.500	o	150	Pipe/Conduit	

















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F9.000	81.507	0.000	0.0	6	0.0	13	0.48	1.09	8.5	0.3
F9.001	80.974	0.000	0.0	6	0.0	13	0.47	1.05	8.3	0.3
F9.002	80.162	0.000	0.0	6	0.0	13	0.47	1.05	8.3	0.3
F10.000	81.310	0.000	0.0	6	0.0	13	0.47	1.05	8.3	0.3
F10.001	80.208	0.000	0.0	9	0.0	11	0.86	2.08	16.3	0.4
F9.003	79.047	0.000	0.0	20	0.0	23	0.55	1.07	18.9	0.9
F11.000	80.675	0.000	0.0	4	0.0	11	0.39	0.98	7.7	0.2
F11.001	79.759	0.000	0.0	7	0.0	9	0.87	2.40	18.8	0.3
F9.004	78.292	0.000	0.0	27	0.0	20	0.88	1.88	33.2	1.3
F12.000	79.768	0.000	0.0	5	0.0	10	0.57	1.51	11.9	0.2
F12.001	77.891	0.000	0.0	10	0.0	12	0.84	1.92	15.1	0.5
F12.002	76.340	0.000	0.0	10	0.0	9	1.24	3.41	26.8	0.5
F9.005	74.597	0.000	0.0	41	0.0	30	0.75	1.23	21.7	1.9
F9.006	73.931	0.000	0.0	49	0.0	27	1.04	1.82	32.1	2.3

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PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F9.007	26.080	2.179	12.0	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F13.000	29.707	0.371	80.1	0.000	7	0.0	1.500	o	100	Pipe/Conduit	
F13.001	27.903	0.429	65.0	0.000	7	0.0	1.500	o	150	Pipe/Conduit	
F13.002	30.743	1.832	16.8	0.000	7	0.0	1.500	o	150	Pipe/Conduit	
F14.000	33.486	1.940	17.3	0.000	9	0.0	1.500	o	100	Pipe/Conduit	
F14.001	27.499	2.534	10.9	0.000	8	0.0	1.500	o	150	Pipe/Conduit	
F13.003	31.287	4.176	7.5	0.000	4	0.0	1.500	o	150	Pipe/Conduit	
F1.016	36.841	0.377	97.7	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F15.000	51.202	0.640	80.0	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F15.001	27.304	0.341	80.1	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F15.002	26.826	0.183	146.6	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F15.003	12.646	0.592	21.4	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F15.004	18.064	0.612	29.5	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F15.005	20.767	0.468	44.4	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F15.006	54.101	1.455	37.2	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F15.007	41.418	0.874	47.4	0.000	11	0.0	1.500	o	150	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F9.007	72.169	0.000	0.0	53	0.0	24	1.34	2.54	44.9	2.5
F13.000	76.906	0.000	0.0	7	0.0	16	0.39	0.74	5.8	0.3
F13.001	76.485	0.000	0.0	14	0.0	19	0.49	1.09	19.2	0.6
F13.002	76.060	0.000	0.0	21	0.0	17	0.89	2.15	37.9	1.0
F14.000	78.752	0.000	0.0	9	0.0	13	0.72	1.61	12.6	0.4
F14.001	76.762	0.000	0.0	17	0.0	14	0.97	2.67	47.2	0.8
F13.003	74.228	0.000	0.0	42	0.0	19	1.47	3.21	56.8	1.9
F1.016	70.052	0.000	0.0	191	0.0	81	0.91	0.89	15.7	8.8
F15.000	75.824	0.000	0.0	5	0.0	14	0.35	0.74	5.8	0.2
F15.001	75.184	0.000	0.0	10	0.0	19	0.44	0.74	5.8	0.5
F15.002	74.843	0.000	0.0	15	0.0	27	0.40	0.55	4.3	0.7
F15.003	74.610	0.000	0.0	18	0.0	17	0.78	1.90	33.6	0.8
F15.004	74.018	0.000	0.0	21	0.0	19	0.74	1.62	28.6	1.0
F15.005	73.406	0.000	0.0	24	0.0	22	0.67	1.32	23.3	1.1
F15.006	72.938	0.000	0.0	34	0.0	25	0.79	1.44	25.4	1.6
F15.007	71.483	0.000	0.0	45	0.0	31	0.79	1.27	22.5	2.1




FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

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F15.008	26.325	0.415	63.4	0.000	9	0.0	1.500	o	150	Pipe/Conduit	
F15.009	19.435	6.973	2.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F1.017	46.893	2.973	15.8	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F16.000	30.420	0.864	35.2	0.000	7	0.0	1.500	o	100	Pipe/Conduit	
F17.000	26.914	0.336	80.1	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F17.001	28.616	1.431	20.0	0.000	2	0.0	1.500	o	100	Pipe/Conduit	
F16.001	55.171	0.873	63.2	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F18.000	36.554	2.619	14.0	0.000	13	0.0	1.500	o	100	Pipe/Conduit	
F18.001	12.431	0.608	20.4	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F16.002	20.250	0.236	85.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F16.003	44.385	0.866	51.3	0.000	1	0.0	1.500	o	150	Pipe/Conduit	
F19.000	39.084	2.263	17.3	0.000	10	0.0	1.500	o	100	Pipe/Conduit	
F16.004	38.713	0.258	150.1	0.000	8	0.0	1.500	o	150	Pipe/Conduit	















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	
F15.008	70.609	0.000	0.0	54	0.0	36	0.75	1.10	19.5	2.5
F15.009	70.194	0.000	0.0	54	0.0	17	2.24	5.27	93.2	2.5
F1.017	69.675	0.000	0.0	251	0.0	56	1.93	2.21	39.1	11.6
F16.000	70.980	0.000	0.0	7	0.0	13	0.52	1.12	8.8	0.3
F17.000	71.883	0.000	0.0	2	0.0	9	0.26	0.74	5.8	0.1
F17.001	71.547	0.000	0.0	4	0.0	9	0.52	1.49	11.7	0.2
F16.001	70.066	0.000	0.0	17	0.0	21	0.53	1.10	19.5	0.8
F18.000	72.448	0.000	0.0	13	0.0	14	0.87	1.79	14.0	0.6
F18.001	69.829	0.000	0.0	16	0.0	17	0.81	1.48	11.6	0.7
F16.002	69.171	0.000	0.0	33	0.0	31	0.58	0.95	16.7	1.5
F16.003	68.935	0.000	0.0	34	0.0	28	0.71	1.23	21.7	1.6
F19.000	70.382	0.000	0.0	10	0.0	13	0.74	1.61	12.6	0.5
F16.004	68.069	0.000	0.0	52	0.0	45	0.55	0.71	12.6	2.4

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F16.005	26.573	0.187	142.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F20.000	35.714	1.978	18.1	0.000	3	0.0	1.500	o	100	Pipe/Conduit	
F16.006	56.888	0.401	141.9	0.000	8	0.0	1.500	o	150	Pipe/Conduit	
F21.000	33.704	1.474	22.9	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F16.007	31.990	0.213	150.2	0.000	8	0.0	1.500	o	150	Pipe/Conduit	
F16.008	51.155	0.342	149.6	0.000	7	0.0	1.500	o	150	Pipe/Conduit	
F22.000	21.192	0.265	80.0	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F22.001	22.121	0.147	150.5	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F22.002	24.735	0.165	149.9	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F22.003	31.118	0.207	150.3	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F22.004	28.990	0.193	150.2	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F22.005	26.631	0.381	69.9	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F1.018	64.653	1.018	63.5	0.000	14	0.0	1.500	o	225	Pipe/Conduit	
F23.000	61.176	2.341	26.1	0.000	8	0.0	1.500	o	100	Pipe/Conduit	















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F16.005	67.811	0.000	0.0	52	0.0	44	0.56	0.73	13.0	2.4
F20.000	69.652	0.000	0.0	3	0.0	8	0.49	1.57	12.3	0.1
F16.006	67.624	0.000	0.0	63	0.0	49	0.59	0.73	13.0	2.9
F21.000	68.747	0.000	0.0	0	0.0	0	0.00	1.40	11.0	0.0
F16.007	67.223	0.000	0.0	71	0.0	52	0.60	0.71	12.6	3.3
F16.008	67.044	0.000	0.0	78	0.0	55	0.62	0.72	12.6	3.6
F22.000	68.035	0.000	0.0	6	0.0	15	0.37	0.74	5.8	0.3
F22.001	67.720	0.000	0.0	11	0.0	21	0.34	0.71	12.6	0.5
F22.002	67.573	0.000	0.0	11	0.0	21	0.34	0.71	12.6	0.5
F22.003	67.408	0.000	0.0	16	0.0	25	0.38	0.71	12.6	0.7
F22.004	67.201	0.000	0.0	21	0.0	28	0.42	0.71	12.6	1.0
F22.005	67.008	0.000	0.0	24	0.0	25	0.57	1.05	18.5	1.1
F1.018	66.627	0.000	0.0	367	0.0	84	1.26	1.44	57.3	17.0
F23.000	73.257	0.000	0.0	8	0.0	13	0.60	1.31	10.3	0.4

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F23.001	40.359	1.239	32.6	0.000	8	0.0	1.500	o	150	Pipe/Conduit	
F24.000	40.878	0.841	48.6	0.000	10	0.0	1.500	o	100	Pipe/Conduit	
F24.001	8.019	0.100	80.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F23.002	13.213	0.101	130.8	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F23.003	16.836	0.425	39.6	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F23.004	12.319	0.307	40.1	0.000	2	0.0	1.500	o	150	Pipe/Conduit	
F23.005	23.549	0.576	40.9	0.000	3	0.0	1.500	o	150	Pipe/Conduit	
F25.000	40.034	0.823	48.6	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F25.001	7.767	0.097	80.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F23.006	63.708	1.065	59.8	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F26.000	26.894	0.873	30.8	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F26.001	9.593	0.120	80.0	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F23.007	53.286	0.178	299.4	0.000	0	65.5	1.500	o	375	Pipe/Conduit	
F27.000	20.406	0.255	80.0	0.000	6	0.0	1.500	o	100	Pipe/Conduit	


















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F23.001	70.866	0.000	0.0	16	0.0	17	0.65	1.54	27.2	0.7
F24.000	70.618	0.000	0.0	10	0.0	17	0.52	0.96	7.5	0.5
F24.001	69.777	0.000	0.0	10	0.0	19	0.44	0.74	5.8	0.5
F23.002	69.627	0.000	0.0	29	0.0	32	0.48	0.77	13.5	1.3
F23.003	69.526	0.000	0.0	32	0.0	25	0.76	1.39	24.6	1.5
F23.004	69.101	0.000	0.0	34	0.0	26	0.77	1.39	24.5	1.6
F23.005	68.794	0.000	0.0	37	0.0	27	0.78	1.37	24.3	1.7
F25.000	69.188	0.000	0.0	4	0.0	11	0.39	0.96	7.5	0.2
F25.001	68.365	0.000	0.0	4	0.0	13	0.33	0.74	5.8	0.2
F23.006	68.218	0.000	0.0	47	0.0	34	0.74	1.13	20.0	2.2
F26.000	68.196	0.000	0.0	4	0.0	10	0.45	1.20	9.4	0.2
F26.001	67.323	0.000	0.0	8	0.0	17	0.41	0.74	5.8	0.4
F23.007	66.928	0.000	65.5	55	0.0	224	0.99	0.92	102.1	68.0
F27.000	67.504	0.000	0.0	6	0.0	15	0.37	0.74	5.8	0.3

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F27.001	11.185	0.224	49.9	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F23.008	55.648	0.161	345.6	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.009	11.842	0.083	142.7	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.010	11.516	0.570	20.2	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F28.000	20.691	0.567	36.5	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F28.001	13.791	0.172	80.0	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F23.011	47.031	0.125	376.2	0.000	6	0.0	1.500	o	375	Pipe/Conduit	
F23.012	10.173	0.027	376.8	0.000	4	0.0	1.500	o	375	Pipe/Conduit	
F23.013	19.621	0.052	377.3	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.014	10.882	0.029	375.3	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.015	10.948	0.029	377.5	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.016	9.979	0.027	369.6	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F23.017	57.013	0.152	375.1	0.000	4	0.0	1.500	o	375	Pipe/Conduit	
F23.018	13.232	0.035	375.0	0.000	4	0.0	1.500	o	375	Pipe/Conduit	
F29.000	50.111	0.626	80.0	0.000	12	0.0	1.500	o	150	Pipe/Conduit	
F29.001	63.912	0.426	150.0	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F29.002	15.813	0.105	150.6	0.000	0	0.0	1.500	o	150	Pipe/Conduit	













Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F27.001	67.249	0.000	0.0	10	0.0	17	0.51	0.94	7.4	0.5
F23.008	66.750	0.000	65.5	65	0.0	236	0.93	0.86	95.0	68.5
F23.009	66.589	0.000	65.5	65	0.0	179	1.32	1.34	148.2	68.5
F23.010	66.506	0.000	65.5	65	0.0	105	2.69	3.57	394.8	68.5
F28.000	66.950	0.000	0.0	4	0.0	10	0.43	1.10	8.7	0.2
F28.001	66.383	0.000	0.0	8	0.0	17	0.41	0.74	5.8	0.4
F23.011	65.936	0.000	65.5	79	0.0	245	0.90	0.82	91.0	69.2
F23.012	65.811	0.000	65.5	83	0.0	246	0.91	0.82	91.0	69.3
F23.013	65.784	0.000	65.5	83	0.0	246	0.90	0.82	90.9	69.3
F23.014	65.732	0.000	65.5	83	0.0	245	0.91	0.83	91.2	69.3
F23.015	65.703	0.000	65.5	83	0.0	246	0.90	0.82	90.9	69.3
F23.016	65.674	0.000	65.5	83	0.0	244	0.91	0.83	91.9	69.3
F23.017	65.647	0.000	65.5	87	0.0	246	0.91	0.83	91.2	69.5
F23.018	65.495	0.000	65.5	91	0.0	246	0.91	0.83	91.2	69.7
F29.000	64.361	0.000	0.0	12	0.0	19	0.44	0.98	17.3	0.6
F29.001	63.735	0.000	0.0	22	0.0	29	0.42	0.71	12.6	1.0
F29.002	63.309	0.000	0.0	22	0.0	29	0.42	0.71	12.6	1.0

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.019	16.152	0.043	375.6	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.020	29.054	0.077	377.3	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F30.000	40.164	1.441	27.9	0.000	12	0.0	1.500	o	150	Pipe/Conduit	
F30.001	14.565	0.201	72.5	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F1.021	26.259	0.070	375.1	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F31.000	28.859	1.015	28.4	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F31.001	15.099	0.259	58.3	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F1.022	48.840	0.130	375.7	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F32.000	22.446	0.281	79.9	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F32.001	53.694	0.672	79.9	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F33.000	61.264	1.227	49.9	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F32.002	35.098	0.234	150.0	0.000	0	0.0	1.500	o	150	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.019	65.459	0.000	65.5	480	0.0	297	0.94	0.82	91.1	87.7
F1.020	65.416	0.000	65.5	480	0.0	297	0.93	0.82	90.9	87.7
F30.000	67.206	0.000	0.0	12	0.0	15	0.63	1.66	29.4	0.6
F30.001	65.765	0.000	0.0	18	0.0	22	0.51	1.03	18.2	0.8
F1.021	65.339	0.000	65.5	498	0.0	299	0.94	0.83	91.2	88.6
F31.000	66.768	0.000	0.0	10	0.0	14	0.59	1.65	29.1	0.5
F31.001	65.753	0.000	0.0	15	0.0	19	0.52	1.15	20.3	0.7
F1.022	65.269	0.000	65.5	513	0.0	302	0.94	0.82	91.1	89.3
F32.000	64.544	0.000	0.0	0	0.0	0	0.00	0.74	5.8	0.0
F32.001	64.263	0.000	0.0	0	0.0	0	0.00	0.74	5.8	0.0
F33.000	64.868	0.000	0.0	0	0.0	0	0.00	0.94	7.4	0.0
F32.002	63.591	0.000	0.0	0	0.0	0	0.00	0.71	12.6	0.0



FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main















PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F1.023	4.740	0.013	375.0	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F34.000	44.560	0.358	124.5	0.000	23	0.0	1.500	o	150	Pipe/Conduit	
F34.001	13.641	0.280	48.7	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F1.024	123.453	0.329	375.0	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.025	40.550	0.108	375.5	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.026	32.000	0.085	376.5	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.027	88.938	0.237	375.3	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.028	73.360	0.196	374.3	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.029	64.901	0.173	375.2	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F1.030	29.047	0.188	154.5	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F35.000	32.112	0.401	80.1	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F35.001	28.936	0.362	80.0	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F36.000	36.795	0.709	51.9	0.000	4	0.0	1.500	o	100	Pipe/Conduit	
F35.002	27.124	0.181	149.9	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F37.000	45.698	0.571	80.0	0.000	5	0.0	1.500	o	100	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F1.023	65.139	0.000	65.5	513	0.0	301	0.94	0.83	91.2	89.3
F34.000	65.989	0.000	0.0	23	0.0	28	0.46	0.78	13.9	1.1
F34.001	65.631	0.000	0.0	28	0.0	25	0.68	1.26	22.2	1.3
F1.024	65.126	0.000	65.5	541	0.0	306	0.94	0.83	91.2	90.5
F1.025	64.797	0.000	65.5	541	0.0	306	0.94	0.83	91.1	90.5
F1.026	64.689	0.000	65.5	541	0.0	307	0.94	0.82	91.0	90.5
F1.027	64.604	0.000	65.5	541	0.0	306	0.94	0.83	91.2	90.5
F1.028	64.367	0.000	65.5	541	0.0	306	0.94	0.83	91.3	90.5
F1.029	64.171	0.000	65.5	541	0.0	306	0.94	0.83	91.2	90.5
F1.030	63.998	0.000	65.5	541	0.0	217	1.36	1.29	142.4	90.5
F35.000	66.295	0.000	0.0	4	0.0	13	0.33	0.74	5.8	0.2
F35.001	65.894	0.000	0.0	8	0.0	17	0.41	0.74	5.8	0.4
F36.000	66.241	0.000	0.0	4	0.0	11	0.38	0.92	7.3	0.2
F35.002	65.482	0.000	0.0	12	0.0	22	0.35	0.71	12.6	0.6
F37.000	66.069	0.000	0.0	5	0.0	14	0.35	0.74	5.8	0.2


FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F37.001	17.912	0.169	106.0	0.000	5	0.0	1.500	o	100	Pipe/Conduit	
F35.003	31.795	0.212	150.0	0.000	5	0.0	1.500	o	150	Pipe/Conduit	
F38.000	50.942	0.637	80.0	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F38.001	14.741	0.097	152.0	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F35.004	64.228	0.428	150.1	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F35.005	61.915	0.413	150.0	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F39.000	67.687	2.784	24.3	0.000	16	0.0	1.500	o	150	Pipe/Conduit	
F40.000	60.402	0.403	149.9	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F40.001	33.291	0.222	150.0	0.000	10	0.0	1.500	o	150	Pipe/Conduit	
F40.002	8.609	0.057	151.0	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F41.000	41.602	0.277	150.2	0.000	8	0.0	1.500	o	150	Pipe/Conduit	
F41.001	11.732	0.078	150.0	0.000	2	0.0	1.500	o	150	Pipe/Conduit	
F41.002	12.919	0.086	150.0	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F42.000	89.999	0.600	150.0	0.000	10	0.0	1.500	o	150	Pipe/Conduit	















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	
F37.001	65.498	0.000	0.0	10	0.0	21	0.40	0.65	5.1	0.5
F35.003	65.301	0.000	0.0	27	0.0	32	0.45	0.71	12.6	1.3
F38.000	65.873	0.000	0.0	6	0.0	15	0.37	0.74	5.8	0.3
F38.001	65.186	0.000	0.0	12	0.0	22	0.35	0.71	12.5	0.6
F35.004	65.089	0.000	0.0	49	0.0	43	0.54	0.71	12.6	2.3
F35.005	64.661	0.000	0.0	59	0.0	47	0.57	0.71	12.6	2.7
F39.000	67.032	0.000	0.0	16	0.0	16	0.72	1.78	31.5	0.7
F40.000	66.353	0.000	0.0	10	0.0	20	0.33	0.71	12.6	0.5
F40.001	65.950	0.000	0.0	20	0.0	28	0.41	0.71	12.6	0.9
F40.002	65.728	0.000	0.0	20	0.0	28	0.41	0.71	12.6	0.9
F41.000	66.899	0.000	0.0	8	0.0	18	0.31	0.71	12.6	0.4
F41.001	66.622	0.000	0.0	10	0.0	20	0.33	0.71	12.6	0.5
F41.002	66.544	0.000	0.0	10	0.0	20	0.33	0.71	12.6	0.5
F42.000	66.409	0.000	0.0	10	0.0	20	0.33	0.71	12.6	0.5

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F42.001	13.242	0.107	123.6	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F43.000	30.317	0.379	80.0	0.000	6	0.0	1.500	o	100	Pipe/Conduit	
F43.001	33.916	0.226	150.0	0.000	6	0.0	1.500	o	150	Pipe/Conduit	
F43.002	14.410	0.096	150.0	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F42.002	8.159	0.054	151.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F42.003	41.339	0.276	149.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F41.003	9.413	0.063	149.4	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F40.003	27.417	1.061	25.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F35.006	63.941	0.426	150.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F35.007	44.494	0.297	149.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F35.008	52.396	1.215	43.1	0.000	0	1.2	1.500	o	150	Pipe/Conduit	
F44.000	63.259	0.791	80.0	0.000	0	3.1	1.500	o	100	Pipe/Conduit	
F44.001	14.594	0.097	150.4	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F45.000	58.060	0.726	80.0	0.000	0	3.1	1.500	o	100	Pipe/Conduit	















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F42.001	65.809	0.000	0.0	10	0.0	19	0.35	0.79	13.9	0.5
F43.000	66.453	0.000	0.0	6	0.0	15	0.37	0.74	5.8	0.3
F43.001	66.024	0.000	0.0	12	0.0	22	0.35	0.71	12.6	0.6
F43.002	65.798	0.000	0.0	12	0.0	22	0.35	0.71	12.6	0.6
F42.002	65.702	0.000	0.0	22	0.0	29	0.42	0.71	12.6	1.0
F42.003	65.648	0.000	0.0	22	0.0	29	0.42	0.71	12.6	1.0
F41.003	65.372	0.000	0.0	32	0.0	35	0.48	0.72	12.6	1.5
F40.003	65.309	0.000	0.0	52	0.0	29	1.02	1.73	30.5	2.4
F35.006	64.248	0.000	0.0	127	0.0	72	0.70	0.71	12.6	5.9
F35.007	63.822	0.000	0.0	127	0.0	72	0.70	0.71	12.6	5.9
F35.008	63.525	0.000	1.2	127	0.0	56	1.17	1.34	23.6	7.1
F44.000	64.503	0.000	3.1	0	0.0	52	0.76	0.74	5.8	3.1
F44.001	63.662	0.000	3.1	0	0.0	51	0.59	0.71	12.6	3.1
F45.000	64.979	0.000	3.1	0	0.0	52	0.76	0.74	5.8	3.1

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F45.001	14.832	0.099	149.8	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F45.002	76.469	0.540	141.6	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F44.002	58.325	0.389	149.9	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F46.000	25.847	0.323	80.0	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F46.001	50.619	0.337	150.2	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F46.002	46.955	0.313	150.0	0.000	30	0.1	1.500	o	150	Pipe/Conduit	
F46.003	46.955	0.313	150.0	0.000	30	0.0	1.500	o	150	Pipe/Conduit	
F47.000	80.000	1.000	80.0	0.000	0	2.0	1.500	o	100	Pipe/Conduit	
F47.001	13.335	0.975	13.7	0.000	0	0.0	1.500	o	100	Pipe/Conduit	
F44.003	54.501	0.363	150.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F48.000	50.926	0.509	100.1	0.000	65	2.0	1.500	o	150	Pipe/Conduit	
F48.001	37.087	1.854	20.0	0.000	64	0.0	1.500	o	150	Pipe/Conduit	
F48.002	8.489	1.062	8.0	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F44.004	73.812	0.577	127.9	0.000	0	0.0	1.500	o	225	Pipe/Conduit	

















Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F45.001	64.203	0.000	3.1	0	0.0	51	0.59	0.71	12.6	3.1
F45.002	64.104	0.000	3.1	0	0.0	50	0.60	0.74	13.0	3.1
F44.002	63.564	0.000	6.2	0	0.0	74	0.71	0.71	12.6	6.2
F46.000	65.492	0.000	0.0	0	0.0	0	0.00	0.74	5.8	0.0
F46.001	65.119	0.000	0.0	0	0.0	0	0.00	0.71	12.6	0.0
F46.002	64.782	0.000	0.1	30	0.0	35	0.48	0.71	12.6	1.5
F46.003	64.469	0.000	0.1	60	0.0	49	0.58	0.71	12.6	2.9
F47.000	65.200	0.000	2.0	0	0.0	40	0.67	0.74	5.8	2.0
F47.001	64.200	0.000	2.0	0	0.0	26	1.26	1.81	14.2	2.0
F44.003	63.175	0.000	8.3	60	0.0	109	0.81	0.71	12.6	11.1
F48.000	66.244	0.000	2.0	65	0.0	59	0.78	0.88	15.5	5.0
F48.001	65.735	0.000	2.0	129	0.0	49	1.59	1.96	34.7	8.0
F48.002	64.205	0.000	2.0	129	0.0	39	2.21	3.11	55.0	8.0
F44.004	62.737	0.000	10.3	189	0.0	109	1.00	1.01	40.3	19.1

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F49.000	45.062	0.563	80.0	0.000	0	4.7	1.500	o	100	Pipe/Conduit	
F49.001	56.538	0.377	150.0	0.000	0	4.7	1.500	o	150	Pipe/Conduit	
F49.002	34.458	0.153	225.2	0.000	0	4.7	1.500	o	225	Pipe/Conduit	
F49.003	40.826	0.181	225.6	0.000	0	4.7	1.500	o	225	Pipe/Conduit	
F49.004	14.748	0.066	223.5	0.000	0	0.0	1.500	o	225	Pipe/Conduit	
F49.005	35.404	0.844	41.9	0.000	0	0.0	1.500	o	225	Pipe/Conduit	
F50.000	55.885	0.373	149.8	0.000	31	1.3	1.500	o	150	Pipe/Conduit	
F50.001	35.388	0.236	149.9	0.000	31	0.0	1.500	o	150	Pipe/Conduit	
F50.002	31.272	0.208	150.3	0.000	31	0.0	1.500	o	150	Pipe/Conduit	
F50.003	12.872	0.086	149.7	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F50.004	18.956	0.456	41.6	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F49.006	22.627	0.471	48.0	0.000	0	0.0	1.500	o	225	Pipe/Conduit	
F51.000	43.817	0.292	150.1	0.000	83	1.1	1.500	o	150	Pipe/Conduit	
F51.001	12.926	2.113	6.1	0.000	0	0.0	1.500	o	150	Pipe/Conduit	
F49.007	66.624	0.296	225.0	0.000	0	0.0	1.500	o	225	Pipe/Conduit	
F35.009	32.745	0.087	376.4	0.000	0	0.0	1.500	o	375	Pipe/Conduit	





Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F49.000	66.450	0.000	4.7	0	0.0	68	0.83	0.74	5.8	4.7
F49.001	65.837	0.000	9.4	0	0.0	96	0.78	0.71	12.6	9.4
F49.002	65.385	0.000	14.1	0	0.0	108	0.75	0.76	30.3	14.1
F49.003	65.232	0.000	18.8	0	0.0	128	0.80	0.76	30.3	18.8
F49.004	65.051	0.000	18.8	0	0.0	128	0.81	0.77	30.5	18.8
F49.005	64.985	0.000	18.8	0	0.0	79	1.50	1.78	70.6	18.8
F50.000	65.575	0.000	1.3	31	0.0	48	0.57	0.71	12.6	2.7
F50.001	65.202	0.000	1.3	62	0.0	59	0.64	0.71	12.6	4.2
F50.002	64.966	0.000	1.3	93	0.0	70	0.69	0.71	12.6	5.6
F50.003	64.758	0.000	1.3	93	0.0	70	0.69	0.71	12.6	5.6
F50.004	64.672	0.000	1.3	93	0.0	49	1.11	1.36	24.1	5.6
F49.006	64.141	0.000	20.1	93	0.0	95	1.54	1.66	65.9	24.4
F51.000	65.011	0.000	1.1	83	0.0	65	0.67	0.71	12.6	4.9
F51.001	64.719	0.000	1.1	83	0.0	29	2.10	3.56	62.9	4.9
F49.007	62.531	0.000	21.2	176	0.0	178	0.87	0.76	30.4	29.3
F35.009	62.010	0.000	32.7	492	0.0	212	0.86	0.82	91.0	55.5

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FOUL SEWERAGE DESIGN

Network Design Table for Foul - Main

PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	Houses	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
F35.010	4.604	0.012	375.0	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F35.011	3.208	0.009	375.1	0.000	0	0.0	1.500	o	375	Pipe/Conduit	
F35.012	39.961	0.107	373.5	0.000	131	0.0	1.500	o	375	Pipe/Conduit	
F35.013	1.253	0.003	374.9	0.000	0	0.0	1.500	o	375	Pipe/Conduit	

Network Results Table

PN	US/IL (m)	Σ Area (ha)	Σ Base Flow (l/s)	Σ Hse	Add Flow (l/s)	P.Dep (mm)	P.Vel (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
F35.010	61.923	0.000	32.7	492	0.0	211	0.87	0.83	91.2	55.5
F35.011	61.911	0.000	32.7	492	0.0	211	0.86	0.83	91.2	55.5
F35.012	61.902	0.000	32.7	623	0.0	225	0.89	0.83	91.4	61.5
F35.013	61.795	0.000	32.7	623	0.0	226	0.89	0.83	91.2	61.5