

Design Settings

Frequency of use (kDU)	1.00	Additional Flow (%)	0	Preferred Cover Depth (m)	1.200
Flow per dwelling per day (l/day)	4000	Minimum Velocity (m/s)	0.75	Include Intermediate Ground	✓
Domestic Flow (l/s/ha)	225.0	Connection Type	Level Soffits		
Industrial Flow (l/s/ha)	0.0	Minimum Backdrop Height (m)	1.800		

Nodes

Name	Dwellings	Cover Level (m)	Manhole Type	Depth (m)
01	14	12.355	Adoptable	2.055
03	10	12.236	Adoptable	2.236
05	8	12.715	Adoptable	1.715
07	10	12.015	Adoptable	2.215
09	2	11.785	Adoptable	2.185
11	7	11.394	Adoptable	2.244
13	4	11.179	Adoptable	1.359
15	12	11.238	Adoptable	2.268
17	2	11.133	Adoptable	2.413
19	3	11.082	Adoptable	3.082
21	5	10.885	Adoptable	1.785
23	6	11.071	Adoptable	2.621
25	3	11.113	Adoptable	3.270
27	10	10.971	Adoptable	3.551
29	6	10.891	Adoptable	3.610
31	3	10.387	Adoptable	3.300
33	6	10.370	Adoptable	3.516
35	11	10.139	Adoptable	2.039
37	13	13.127	Adoptable	1.777
39	3	11.645	Adoptable	1.845
41	6	11.172	Adoptable	2.072
43	14	11.202	Adoptable	2.302
45	0	10.961	Adoptable	2.608

Nodes

Name	Dwellings	Cover Level (m)	Manhole Type	Depth (m)
47	16	11.785	Adoptable	1.635
49	2	12.473	Adoptable	2.673
51	2	11.859	Adoptable	2.409
53	0	11.422	Adoptable	2.272
55	7	10.909	Adoptable	2.409
57	0	10.830	Adoptable	2.460
59	7	10.868	Adoptable	2.648
61	0	10.690	Adoptable	2.632
63	13	10.482	Adoptable	2.875
65	7	10.190	Adoptable	2.847
67	3	9.820	Adoptable	1.070
69	7	9.724	Adoptable	1.574
71	6	9.807	Adoptable	2.207
73	0	10.318	Adoptable	3.220
75	7	10.103	Adoptable	3.174
77	0	10.296	Adoptable	3.611
79	11	10.020	Adoptable	4.351
81	3	10.130	Adoptable	4.600
83	0	10.064	Adoptable	4.634
85		9.013	Adoptable	3.648
87		8.928	Adoptable	3.598

Links

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Slope (1:X)	Dia (mm)
1.000	01	03	38.878	10.300	10.000	129.6	150
1.001	03	07	26.753	10.000	9.800	133.8	150
2.000	05	07	44.058	11.000	9.850	38.3	100
1.002	07	09	17.069	9.800	9.600	85.3	150
1.003	09	11	31.810	9.600	9.150	70.7	150
1.004	11	17	21.343	9.150	8.720	49.6	150
3.000	13	15	63.548	9.820	9.020	79.4	100
3.001	15	17	35.039	8.970	8.720	140.2	150
1.005	17	19	60.751	8.720	8.000	84.4	150
1.006	19	25	6.455	8.000	7.843	41.1	150
4.000	21	23	19.453	9.100	8.500	32.4	100
4.001	23	25	20.983	8.450	7.843	34.6	150
1.007	25	27	63.343	7.843	7.420	149.7	150

Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	0.277	0.769	13.6	0.6	0.000	14	0.0	0.0	23	0.388
1.001	0.320	0.756	13.4	1.1	0.000	24	0.0	0.0	30	0.455
2.000	0.375	1.077	8.5	0.4	0.000	8	0.0	0.0	14	0.523
1.002	0.446	0.948	16.8	1.9	0.000	42	0.0	0.0	35	0.631
1.003	0.491	1.043	18.4	2.0	0.000	44	0.0	0.0	34	0.680
1.004	0.575	1.245	22.0	2.4	0.000	51	0.0	0.0	33	0.803
3.000	0.225	0.746	5.9	0.2	0.000	4	0.0	0.0	12	0.320
3.001	0.274	0.739	13.1	0.7	0.000	16	0.0	0.0	24	0.392
1.005	0.530	0.954	16.9	3.2	0.000	69	0.0	0.0	44	0.730
1.006	0.681	1.369	24.2	3.3	0.000	72	0.0	0.0	38	0.956
4.000	0.326	1.171	9.2	0.2	0.000	5	0.0	0.0	11	0.481
4.001	0.402	1.493	26.4	0.5	0.000	11	0.0	0.0	15	0.573
1.007	0.460	0.715	12.6	4.0	0.000	86	0.0	0.0	58	0.631

Links

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Slope (1:X)	Dia (mm)
1.008	27	29	20.800	7.420	7.281	149.6	150
1.009	29	31	29.069	7.281	7.087	149.8	150
1.010	31	33	34.814	7.087	6.854	149.4	150
1.011	33	77	25.241	6.854	6.685	149.4	150
5.000	35	77	27.014	8.100	6.685	19.1	150
6.000	37	39	43.058	11.350	9.800	27.8	150
6.001	39	41	58.606	9.800	9.100	83.7	150
6.002	41	43	19.083	9.100	8.900	95.4	150
6.003	43	45	73.925	8.900	8.353	135.1	150
6.004	45	59	19.901	8.353	8.220	149.6	150
7.000	47	49	48.824	10.150	9.800	139.5	150
7.001	49	51	33.462	9.800	9.450	95.6	150
7.002	51	53	39.772	9.450	9.150	132.6	150

Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.008	0.475	0.715	12.6	4.4	0.000	96	0.0	0.0	61	0.651
1.009	0.485	0.714	12.6	4.7	0.000	102	0.0	0.0	64	0.662
1.010	0.490	0.715	12.6	4.9	0.000	105	0.0	0.0	65	0.669
1.011	0.495	0.716	12.6	5.1	0.000	111	0.0	0.0	67	0.678
5.000	0.491	2.011	35.5	0.5	0.000	11	0.0	0.0	13	0.687
6.000	0.449	1.666	29.4	0.6	0.000	13	0.0	0.0	15	0.640
6.001	0.336	0.958	16.9	0.7	0.000	16	0.0	0.0	21	0.467
6.002	0.352	0.897	15.8	1.0	0.000	22	0.0	0.0	26	0.498
6.003	0.367	0.753	13.3	1.7	0.000	36	0.0	0.0	36	0.510
6.004	0.355	0.715	12.6	1.7	0.000	36	0.0	0.0	37	0.494
7.000	0.275	0.741	13.1	0.7	0.000	16	0.0	0.0	24	0.393
7.001	0.333	0.896	15.8	0.8	0.000	18	0.0	0.0	24	0.468
7.002	0.306	0.760	13.4	0.9	0.000	20	0.0	0.0	27	0.428

Links

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Slope (1:X)	Dia (mm)
7.003	53	55	86.514	9.150	8.500	133.1	150
7.004	55	57	12.718	8.500	8.370	97.8	150
7.005	57	59	12.347	8.370	8.220	82.3	150
6.005	59	61	24.281	8.220	8.058	149.9	150
6.006	61	63	67.509	8.058	7.607	149.7	150
6.007	63	65	39.551	7.607	7.343	149.8	150
6.008	65	73	36.682	7.343	7.098	149.7	150
8.000	67	69	36.797	8.750	8.150	61.3	150
8.001	69	71	34.308	8.150	7.600	62.4	150
8.002	71	73	30.985	7.600	7.098	61.7	150
6.009	73	75	25.255	7.098	6.929	149.4	150
6.010	75	77	36.547	6.929	6.685	149.8	150
1.012	77	79	62.316	6.685	6.269	149.8	150

Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
7.003	0.305	0.758	13.4	0.9	0.000	20	0.0	0.0	27	0.427
7.004	0.375	0.885	15.6	1.3	0.000	27	0.0	0.0	29	0.526
7.005	0.399	0.966	17.1	1.3	0.000	27	0.0	0.0	28	0.559
6.005	0.429	0.714	12.6	3.2	0.000	70	0.0	0.0	52	0.596
6.006	0.430	0.715	12.6	3.2	0.000	70	0.0	0.0	52	0.597
6.007	0.455	0.715	12.6	3.8	0.000	83	0.0	0.0	57	0.624
6.008	0.465	0.715	12.6	4.2	0.000	90	0.0	0.0	59	0.641
8.000	0.207	1.120	19.8	0.1	0.000	3	0.0	0.0	9	0.301
8.001	0.312	1.110	19.6	0.5	0.000	10	0.0	0.0	16	0.448
8.002	0.367	1.116	19.7	0.7	0.000	16	0.0	0.0	20	0.525
6.009	0.490	0.715	12.6	4.9	0.000	106	0.0	0.0	65	0.669
6.010	0.499	0.715	12.6	5.2	0.000	113	0.0	0.0	67	0.680
1.012	0.618	0.715	12.6	10.9	0.000	235	0.0	0.0	108	0.805

Links

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Slope (1:X)	Dia (mm)
1.013	79	81	20.795	5.669	5.530	149.6	750
1.014	81	83	14.907	5.530	5.430	149.1	750
1.015	83	85	9.636	5.430	5.365	148.2	750
1.016	85	87	5.249	5.365	5.330	150.0	150

Name	Pro Vel @ 1/3 Q (m/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)	Σ Area (ha)	Σ Dwellings (ha)	Σ Units (ha)	Σ Add Inflow (ha)	Pro Depth (mm)	Pro Velocity (m/s)
1.013	0.507	2.044	902.8	11.4	0.000	246	0.0	0.0	58	0.714
1.014	0.516	2.047	904.5	11.5	0.000	249	0.0	0.0	59	0.721
1.015	0.510	2.053	907.0	11.5	0.000	249	0.0	0.0	59	0.723
1.016	0.627	0.714	12.6	11.5	0.000	249	0.0	0.0	113	0.810