

Network Details

Manhole Schedule

Manhole	Catchment Area (ha)	Size (mm)	Type	CL (m)	IL (m)	Depth To Soffit (m)	Easting (m)	Northing (m)
RE13	0.000	180	Unknown	14.030	13.430	0.500	497553.331	105625.402
DIF27	0.000	1000x500	Type E	13.959	13.249	0.610	497538.125	105623.681
CP11	0.000	450	450 Inspection	14.035	13.050	0.885	497535.699	105625.261
CP12	0.000	450	450 Inspection	14.088	12.950	1.038	497535.694	105615.552
RE11	0.000	180	Unknown	13.766	13.100	0.566	497510.961	105618.107
CP8	0.000	450	450 Inspection	13.912	12.925	0.887	497522.217	105617.124
CP47	0.000	450	450 Inspection	13.911	12.850	0.961	497522.678	105610.525
OVERFLOW 3	0.161	1000x500	Unknown	13.899	13.425	0.374	497527.348	105629.425
S6	0.000	900x675	Type D	13.970	13.100	0.645	497530.195	105629.381
OVERFLOW 4	0.396	1000x500	Unknown	13.826	13.250	0.351	497535.364	105608.411
S7	0.000	1350	Type C	13.824	12.700	0.899	497529.536	105608.436
CP38	0.000	450	450 Inspection	13.913	13.175	0.638	497562.835	105602.415
CP39	0.000	450	450 Inspection	13.878	12.950	0.778	497562.889	105588.284
CP36	0.000	450	450 Inspection	13.819	13.100	0.619	497544.774	105603.146
CP37	0.000	450	450 Inspection	13.792	12.825	0.817	497544.896	105590.451
RE26	0.000	250	250 Inspection	13.915	13.300	0.515	497534.698	105603.539
CP46	0.000	450	450 Inspection	13.941	12.725	1.066	497532.019	105590.587
RE12	0.000	180	Type E	13.781	13.100	0.581	497509.145	105605.597
CP9	0.000	450	450 Inspection	13.843	12.900	0.843	497520.733	105602.866
DIF26A	0.000	1000x500	Type E	13.675	12.965	0.610	497508.682	105595.884
CP10	0.000	450	450 Inspection	13.791	12.775	0.916	497519.506	105593.093
S8	0.011	1350	Type C	13.858	12.600	1.033	497524.987	105589.529
DIF41A	0.000	1000x500	Type E	13.614	12.904	0.610	497537.291	105574.435
CP31	0.000	450	450 Inspection	13.650	12.875	0.675	497535.292	105573.909
RE23	0.000	180	Type E	13.744	13.100	0.544	497521.652	105565.386
CP32	0.000	450	450 Inspection	13.746	12.700	0.946	497521.826	105573.791
DIF19	0.000	1000x500	450 Inspection	13.612	12.903	0.610	497507.682	105584.376
CP33	0.000	450	450 Inspection	13.682	12.700	0.882	497513.141	105577.398
S25	0.006	900x675	Type E	13.787	12.500	1.062	497517.536	105572.305
OVERFLOW 1	0.145	1000x500	Unknown	13.602	13.050	0.452	497600.689	105544.727
S1	0.000	900x675	Unknown	13.586	13.000	0.486	497596.916	105542.846
S2	0.000	900x675	Type D	13.643	12.875	0.543	497576.755	105543.277
OVERFLOW 2	0.183	1000x500	Unknown	13.617	13.050	0.467	497557.990	105548.626
S3	0.000	900x675	Type D	13.623	13.000	0.523	497554.925	105549.729
S4	0.000	900x675	Type D	13.498	12.700	0.573	497550.567	105546.848
S5	0.000	900x675	Type D	13.620	12.400	0.995	497513.912	105554.889
S15	0.042	---	Type C	13.150	12.200	0.725	497468.229	105551.931

Pipe Schedule

Pipe Number	US Manhole	US IL (m)	DS Manhole	DS IL (m)	Shape	Dimension (mm)	Length (m)	Gradient (1:x)	Roughness (mm)	US Depth To Soffit (m)	DS Depth To Soffit (m)
1.000	RE13	13.430	CP11	13.050	Circ	100	17.633	46	0.600	0.500	0.885
2.000	DIF27	13.249	CP11	13.050	Circ	100	2.896	15	0.600	0.610	0.885
1.001	CP11	13.050	CP12	12.950	Circ	100	9.709	97	0.600	0.885	1.038
1.002	CP12	12.950	S7	12.825	Circ	100	9.411	75	0.600	1.038	0.899
3.000	RE11	13.100	CP8	12.925	Circ	100	11.298	65	0.600	0.566	0.887
3.001	CP8	12.925	CP47	12.850	Circ	100	6.615	88	0.600	0.887	0.961
3.002	CP47	12.850	S7	12.825	Circ	100	7.169	287	0.600	0.961	0.899

Pipe Schedule

Pipe Number	US Manhole	US IL (m)	DS Manhole	DS IL (m)	Shape	Dimension (mm)	Length (m)	Gradient (1:x)	Roughness (mm)	US Depth To Soffit (m)	DS Depth To Soffit (m)
4.000	OVERFLOW 3	13.425	S6	13.225	Circ	100	2.847	14	0.600	0.374	0.645
4.001	S6	13.100	S7	12.700	Circ	225	20.955	52	0.600	0.645	0.899
5.000	OVERFLOW 4	13.250	S7	12.700	Circ	225	5.828	11	0.600	0.351	0.899
1.003	S7	12.700	S8	12.600	Circ	225	19.447	194	0.600	0.899	1.033
6.000	CP38	13.175	CP39	13.000	Circ	100	14.131	81	0.600	0.638	0.778
6.001	CP39	12.950	CP37	12.825	Circ	150	18.123	145	0.600	0.778	0.817
7.000	CP36	13.100	CP37	12.875	Circ	100	12.695	56	0.600	0.619	0.817
6.002	CP37	12.825	CP46	12.725	Circ	150	12.878	129	0.600	0.817	1.066
8.000	RE26	13.300	CP46	12.775	Circ	100	13.226	25	0.600	0.515	1.066
6.003	CP46	12.725	S8	12.675	Circ	150	7.111	142	0.600	1.066	1.033
9.000	RE12	13.100	CP9	12.900	Circ	100	11.906	60	0.600	0.581	0.843
9.001	CP9	12.900	CP10	12.775	Circ	100	9.850	79	0.600	0.843	0.916
10.000	DIF26A	12.965	CP10	12.775	Circ	100	11.177	59	0.600	0.610	0.916
9.002	CP10	12.775	S8	12.725	Circ	100	6.538	131	0.600	0.916	1.033
1.004	S8	12.600	S25	12.500	Circ	225	18.766	188	0.600	1.033	1.062
11.000	DIF41A	12.904	CP31	12.875	Circ	100	2.066	72	0.600	0.610	0.675
11.001	CP31	12.875	CP32	12.700	Circ	100	13.467	77	0.600	0.675	0.946
12.000	RE23	13.100	CP32	12.700	Circ	100	8.407	21	0.600	0.544	0.946
11.002	CP32	12.700	S25	12.625	Circ	100	4.540	61	0.600	0.946	1.062
13.000	DIF19	12.903	CP33	12.700	Circ	100	8.860	44	0.600	0.610	0.882
13.001	CP33	12.700	S25	12.625	Circ	100	6.727	90	0.600	0.882	1.062
1.005	S25	12.500	S5	12.400	Circ	225	17.789	178	0.600	1.062	0.995
14.000	OVERFLOW 1	13.050	S1	13.000	Circ	100	4.216	84	0.600	0.452	0.486
14.001	S1	13.000	S2	12.875	Circ	225	20.166	161	0.600	0.361	0.543
14.002	S2	12.875	S4	12.700	Circ	225	26.430	151	0.600	0.543	0.573
15.000	OVERFLOW 2	13.050	S3	13.000	Circ	100	3.258	65	0.600	0.467	0.523
15.001	S3	13.000	S4	12.825	Circ	100	5.224	30	0.600	0.523	0.573
14.003	S4	12.700	S5	12.400	Circ	225	37.527	125	0.600	0.573	0.995
1.006	S5	12.400	S15	12.200	Circ	225	45.778	229	0.600	0.995	0.725

Permeable Paving Schedule

Permeable Paving	Assigned Manhole	Effective Storage Volume (m3)	CL (m)	IL (m)	Storage Infil Rate (m/hr)	Safety Factor	Easting (m)	Northing (m)
Permeable Paving 10	OVERFLOW 3	30.738	13.899	12.969	0.07200000	5.00	497552.068	105647.860
Permeable Paving 11	OVERFLOW 3	18.433	13.899	12.969	0.07200000	5.00	497529.219	105640.006
Permeable Paving 13	OVERFLOW 3	6.000	13.899	12.969	0.07200000	5.00	497506.641	105647.201
Permeable Paving 14	OVERFLOW 3	10.507	13.899	12.969	0.07200000	5.00	497512.997	105642.045
Permeable Paving 15	OVERFLOW 3	38.993	13.899	12.969	0.07200000	5.00	497535.719	105647.824
Permeable Paving 16	OVERFLOW 3	6.058	13.899	12.969	0.07200000	5.00	497545.620	105642.394
Permeable Paving 17	OVERFLOW 3	6.010	13.899	12.969	0.07200000	5.00	497551.909	105642.694
Permeable Paving 18	OVERFLOW 3	6.054	13.899	12.969	0.07200000	5.00	497558.163	105642.369
Permeable Paving 19	OVERFLOW 3	13.232	13.899	12.969	0.07200000	5.00	497534.282	105635.995
Permeable Paving 20	OVERFLOW 3	5.192	13.899	13.519	0.00000000	2.00	497565.823	105652.274
Permeable Paving 23	OVERFLOW 3	16.530	13.899	13.169	0.07200000	3.00	497525.964	105656.032
Permeable Paving 24	OVERFLOW 3	40.628	13.899	12.969	0.07200000	5.00	497560.494	105668.328
Permeable Paving 25	OVERFLOW 3	8.208	13.899	12.969	0.07200000	5.00	497560.974	105652.222
Permeable Paving 30	OVERFLOW 3	7.631	13.899	13.169	0.07200000	3.00	497518.514	105627.185
Permeable Paving 2	OVERFLOW 4	28.506	13.826	12.896	0.07200000	5.00	497630.556	105618.984
Permeable Paving 5	OVERFLOW 4	160.626	13.826	12.896	0.07200000	5.00	497629.276	105600.173
Permeable Paving 6	OVERFLOW 4	4.013	13.826	12.896	0.07200000	3.00	497609.619	105598.234
Permeable Paving 9	OVERFLOW 4	41.998	13.826	12.896	0.07200000	5.00	497530.120	105610.805
Permeable Paving 26	OVERFLOW 4	12.257	13.826	13.096	0.07200000	3.00	497545.350	105625.501
Permeable Paving 27	OVERFLOW 4	12.347	13.826	13.096	0.07200000	3.00	497560.962	105619.442
Permeable Paving 28	OVERFLOW 4	6.665	13.826	13.096	0.07200000	3.00	497582.066	105611.439
Permeable Paving 29	OVERFLOW 4	57.618	13.826	12.896	0.07200000	5.00	497607.577	105631.252
Permeable Paving 31	OVERFLOW 4	9.031	13.826	13.096	0.07200000	3.00	497522.188	105617.415
Permeable Paving 44	OVERFLOW 4	7.804	13.826	13.096	0.07200000	3.00	497599.322	105591.587
Permeable Paving 45	OVERFLOW 4	6.479	13.826	13.096	0.07200000	3.00	497586.044	105592.791
Permeable Paving 46	OVERFLOW 4	7.031	13.826	13.096	0.07200000	3.00	497576.458	105594.575
Permeable Paving 47	OVERFLOW 4	11.248	13.826	13.096	0.07200000	3.00	497561.210	105596.777
Permeable Paving 48	OVERFLOW 4	13.475	13.826	13.096	0.07200000	3.00	497544.736	105599.618
Permeable Paving 50	OVERFLOW 4	8.916	13.826	13.096	0.07200000	3.00	497591.028	105614.015

Permeable Paving Schedule

Permeable Paving	Assigned Manhole	Effective Storage Volume (m3)	CL (m)	IL (m)	Storage Infil Rate (m/hr)	Safety Factor	Easting (m)	Northing (m)
Permeable Paving 32	S8	7.860	13.858	13.128	0.07200000	3.00	497519.786	105603.319
Permeable Paving 33	S8	4.547	13.858	13.478	0.00000000	2.00	497517.253	105593.769
Permeable Paving 34	S25	7.899	13.787	13.057	0.07200000	3.00	497512.759	105581.664
Permeable Paving 7	OVERFLOW 1	129.459	13.602	12.672	0.07200000	5.00	497629.475	105583.729
Permeable Paving 21	OVERFLOW 1	6.100	13.602	12.672	0.07200000	3.00	497610.563	105553.914
Permeable Paving 39	OVERFLOW 1	7.448	13.602	12.872	0.07200000	3.00	497581.454	105561.605
Permeable Paving 40	OVERFLOW 1	7.159	13.602	12.872	0.07200000	3.00	497591.563	105559.070
Permeable Paving 41	OVERFLOW 1	7.041	13.602	12.872	0.07200000	3.00	497601.586	105559.288
Permeable Paving 42	OVERFLOW 1	7.862	13.602	12.872	0.07200000	3.00	497617.372	105567.480
Permeable Paving 43	OVERFLOW 1	16.032	13.602	12.872	0.07200000	3.00	497617.052	105582.814
Permeable Paving 8	OVERFLOW 2	131.068	13.617	12.687	0.07200000	5.00	497525.119	105591.113
Permeable Paving 22	OVERFLOW 2	48.074	13.617	12.887	0.07200000	3.00	497503.144	105562.416
Permeable Paving 35	OVERFLOW 2	13.424	13.617	12.887	0.07200000	3.00	497535.025	105569.300
Permeable Paving 36	OVERFLOW 2	14.861	13.617	12.887	0.07200000	3.00	497551.423	105566.055
Permeable Paving 38	OVERFLOW 2	7.925	13.617	12.887	0.07200000	3.00	497571.319	105560.556

Outfall Details

Outfall Manhole S15 : Infiltration Pond

Flow Control Details

Controls within Manhole S6

Orifice Control

Invert Offset (m)	Orifice Diameter (m)	Discharge Coeff
0.000	0.050	0.600

Controls within Manhole S7

Orifice Control

Invert Offset (m)	Orifice Diameter (m)	Discharge Coeff
0.000	0.050	0.600

Controls within Manhole S1

Orifice Control

Invert Offset (m)	Orifice Diameter (m)	Discharge Coeff
0.000	0.050	0.600

Controls within Manhole S3

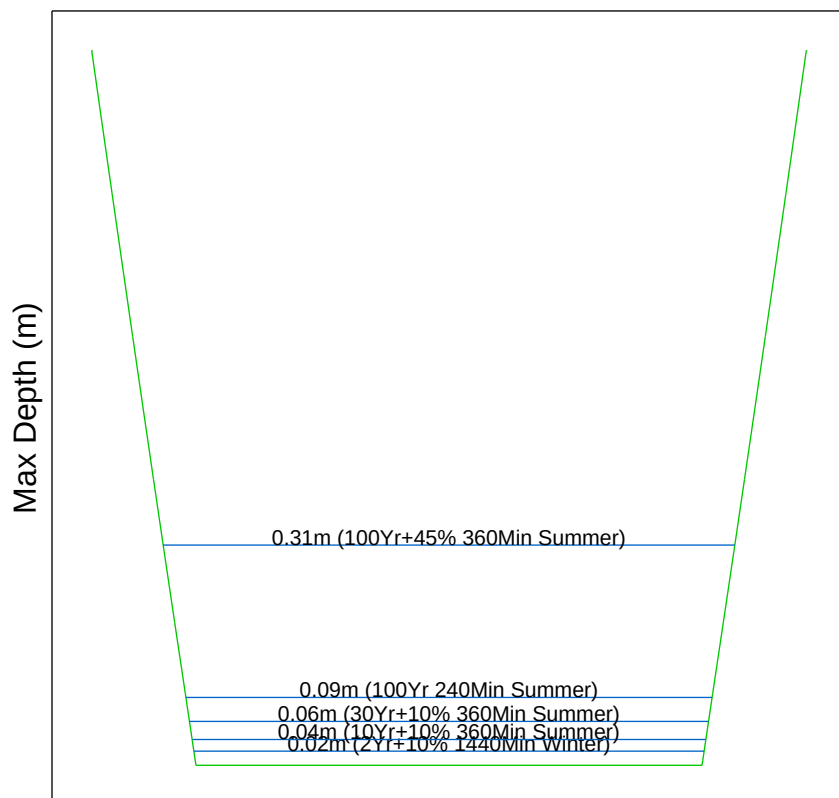
Orifice Control

Invert Offset (m)	Orifice Diameter (m)	Discharge Coeff
0.000	0.050	0.600

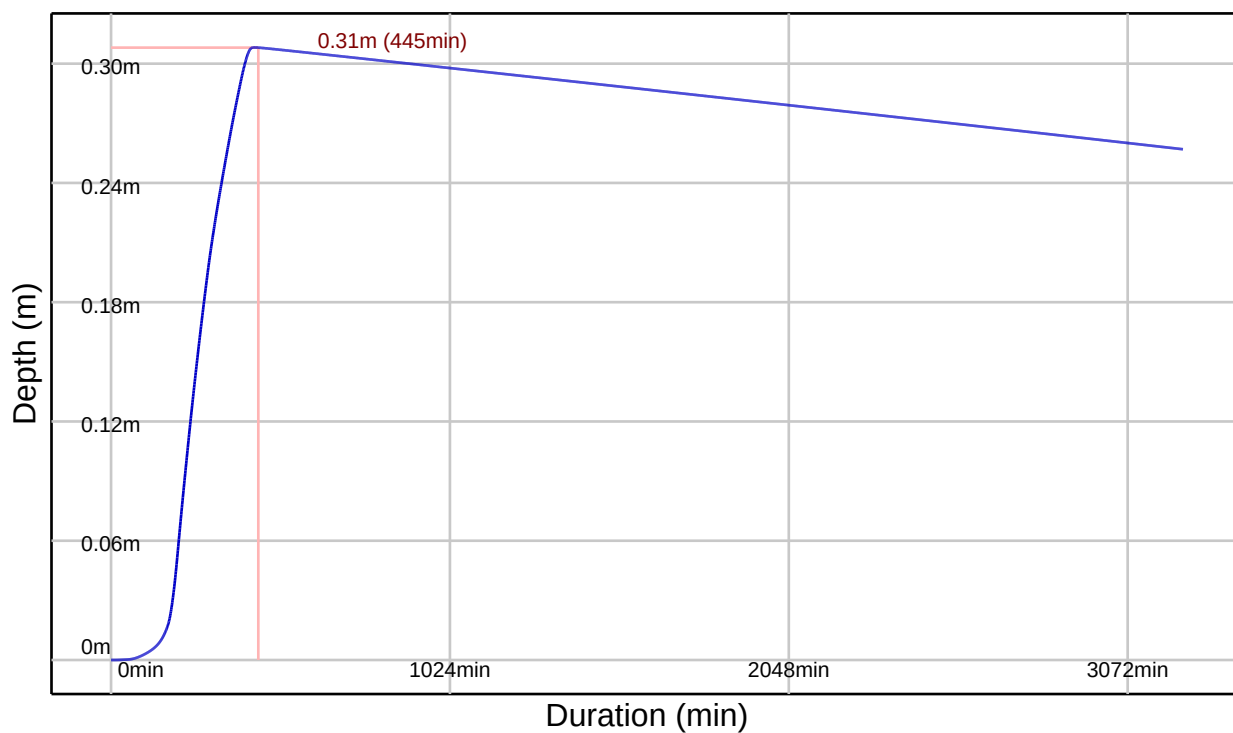
Pond Structure at Manhole S15

Pond Invert (m)	Max Depth (m)	Volume To Water Level (m3)	Water Level (m)	Freeboard (m)	Infil Base (m/hr)	Infil Side (m/hr)	Safety Factor
12.150	1.000	185.695	12.800	0.350	0.00720000	0.00000000	5.00

Pond Depth/Area Diagram at S15



Pond 1 at S15 (100Yr+45% 360Min Summer)



Simulation Settings

FEH2022 (point): Filename=FEH_Point_Descriptors_496433_104778_v5_0_1.xml

Summer (Cv: 1.00), Winter (Cv: 1.00)

Global Time of Entry: 5.0 mins

Durations (mins): 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440

Return Periods (yrs) + Climate Change: (2, +10%), (10, +10%), (30, +10%), (100, +0%), (100, +45%)

Manhole Flood Risk Freeboard: 0.300m

Simulated Rainfall Events

Storm	Average Intensity (mm/hr)	Runoff Continuity %	Flow Continuity %	Storm	Average Intensity (mm/hr)	Runoff Continuity %	Flow Continuity %
2Yr+10% 15Min Winter	35.918	0.00	0.00	30Yr+10% 360Min Summer	10.048	0.00	0.00
2Yr+10% 15Min Summer	35.918	0.00	0.00	30Yr+10% 360Min Winter	10.048	0.00	0.00
2Yr+10% 30Min Winter	23.540	0.00	0.00	30Yr+10% 480Min Summer	7.971	0.00	0.00
2Yr+10% 30Min Summer	23.540	0.00	0.00	30Yr+10% 480Min Winter	7.971	0.00	0.00
2Yr+10% 60Min Summer	14.850	0.00	0.00	30Yr+10% 600Min Summer	6.638	0.00	0.00
2Yr+10% 60Min Winter	14.850	0.00	0.00	30Yr+10% 600Min Winter	6.638	0.00	0.00
2Yr+10% 120Min Winter	10.300	0.00	0.00	30Yr+10% 720Min Summer	5.703	0.00	0.00
2Yr+10% 120Min Summer	10.300	0.00	0.00	30Yr+10% 720Min Winter	5.703	0.00	0.00
2Yr+10% 180Min Summer	8.145	0.00	0.00	30Yr+10% 960Min Summer	4.487	0.00	0.00
2Yr+10% 180Min Winter	8.145	0.00	0.00	30Yr+10% 960Min Winter	4.487	0.00	0.00
2Yr+10% 240Min Winter	6.640	0.00	0.00	30Yr+10% 1440Min Summer	3.210	0.00	0.00
2Yr+10% 240Min Summer	6.640	0.00	0.00	30Yr+10% 1440Min Winter	3.210	0.00	0.00
2Yr+10% 360Min Summer	4.982	0.00	0.00	100Yr 15Min Summer	102.583	0.00	0.00
2Yr+10% 360Min Winter	4.982	0.00	0.00	100Yr 15Min Winter	102.583	0.00	0.00
2Yr+10% 480Min Summer	4.040	0.00	0.00	100Yr 30Min Summer	68.853	0.00	0.00
2Yr+10% 480Min Winter	4.040	0.00	0.00	100Yr 30Min Winter	68.853	0.00	0.00
2Yr+10% 600Min Summer	3.401	0.00	0.00	100Yr 60Min Summer	44.290	0.00	0.00
2Yr+10% 600Min Winter	3.401	0.00	0.00	100Yr 60Min Winter	44.290	0.00	0.00
2Yr+10% 720Min Winter	2.942	0.00	0.00	100Yr 120Min Summer	26.526	0.00	0.00
2Yr+10% 720Min Summer	2.942	0.00	0.00	100Yr 120Min Winter	26.526	0.00	0.00
2Yr+10% 960Min Summer	2.351	0.00	0.00	100Yr 180Min Summer	19.432	0.00	0.00
2Yr+10% 960Min Winter	2.351	0.00	0.00	100Yr 180Min Winter	19.432	0.00	0.00
2Yr+10% 1440Min Summer	1.725	0.00	0.00	100Yr 240Min Summer	15.604	0.00	0.00
2Yr+10% 1440Min Winter	1.725	0.00	0.00	100Yr 240Min Winter	15.604	0.00	0.00
10Yr+10% 15Min Summer	69.643	0.00	0.00	100Yr 360Min Summer	11.333	0.00	0.00
10Yr+10% 15Min Winter	69.643	0.00	0.00	100Yr 360Min Winter	11.333	0.00	0.00
10Yr+10% 30Min Summer	45.861	0.00	0.00	100Yr 480Min Summer	8.998	0.00	0.00
10Yr+10% 30Min Winter	45.861	0.00	0.00	100Yr 480Min Winter	8.998	0.00	0.00
10Yr+10% 60Min Summer	29.050	0.00	0.00	100Yr 600Min Summer	7.509	0.00	0.00
10Yr+10% 60Min Winter	29.050	0.00	0.00	100Yr 600Min Winter	7.509	0.00	0.00
10Yr+10% 120Min Summer	18.245	0.00	0.00	100Yr 720Min Summer	6.464	0.00	0.00
10Yr+10% 120Min Winter	18.245	0.00	0.00	100Yr 720Min Winter	6.464	0.00	0.00
10Yr+10% 180Min Summer	13.715	0.00	0.00	100Yr 960Min Summer	5.091	0.00	0.00
10Yr+10% 180Min Winter	13.715	0.00	0.00	100Yr 960Min Winter	5.091	0.00	0.00
10Yr+10% 240Min Summer	11.037	0.00	0.00	100Yr 1440Min Summer	3.638	0.00	0.00
10Yr+10% 240Min Winter	11.037	0.00	0.00	100Yr 1440Min Winter	3.638	0.00	0.00
10Yr+10% 360Min Summer	8.063	0.00	0.00	100Yr+45% 15Min Summer	148.745	0.00	0.00
10Yr+10% 360Min Winter	8.063	0.00	0.00	100Yr+45% 15Min Winter	148.745	0.00	0.00
10Yr+10% 480Min Winter	6.423	0.00	0.00	100Yr+45% 30Min Summer	99.837	0.00	0.00
10Yr+10% 480Min Summer	6.423	0.00	0.00	100Yr+45% 30Min Winter	99.837	0.00	0.00
10Yr+10% 600Min Summer	5.358	0.00	0.00	100Yr+45% 60Min Summer	64.220	0.00	0.00
10Yr+10% 600Min Winter	5.358	0.00	0.00	100Yr+45% 60Min Winter	64.220	0.00	0.00
10Yr+10% 720Min Summer	4.607	0.00	0.00	100Yr+45% 120Min Summer	38.463	0.00	-0.00
10Yr+10% 720Min Winter	4.607	0.00	0.00	100Yr+45% 120Min Winter	38.463	0.00	-0.00
10Yr+10% 960Min Summer	3.634	0.00	0.00	100Yr+45% 180Min Summer	28.177	0.00	-0.00
10Yr+10% 960Min Winter	3.634	0.00	0.00	100Yr+45% 180Min Winter	28.177	0.00	-0.00
10Yr+10% 1440Min Summer	2.614	0.00	0.00	100Yr+45% 240Min Summer	22.626	0.00	-0.00
10Yr+10% 1440Min Winter	2.614	0.00	0.00	100Yr+45% 240Min Winter	22.626	0.00	-0.00
30Yr+10% 15Min Summer	90.034	0.00	0.00	100Yr+45% 360Min Summer	16.433	0.00	0.00
30Yr+10% 15Min Winter	90.034	0.00	0.00	100Yr+45% 360Min Winter	16.433	0.00	0.00
30Yr+10% 30Min Summer	59.952	0.00	0.00	100Yr+45% 480Min Summer	13.047	0.00	-0.00
30Yr+10% 30Min Winter	59.952	0.00	0.00	100Yr+45% 480Min Winter	13.047	0.00	-0.00
30Yr+10% 60Min Summer	38.227	0.00	0.00	100Yr+45% 600Min Summer	10.888	0.00	-0.00
30Yr+10% 60Min Winter	38.227	0.00	0.00	100Yr+45% 600Min Winter	10.888	0.00	-0.00

Simulated Rainfall Events

Storm	Average Intensity (mm/hr)	Runoff Continuity %	Flow Continuity %	Storm	Average Intensity (mm/hr)	Runoff Continuity %	Flow Continuity %
30Yr+10% 120Min Summer	23.316	0.00	0.00	100Yr+45% 720Min Summer	9.373	0.00	-0.00
30Yr+10% 120Min Winter	23.316	0.00	0.00	100Yr+45% 720Min Winter	9.373	0.00	-0.00
30Yr+10% 180Min Summer	17.236	0.00	0.00	100Yr+45% 960Min Summer	7.382	0.00	-0.00
30Yr+10% 180Min Winter	17.236	0.00	0.00	100Yr+45% 960Min Winter	7.382	0.00	-0.00
30Yr+10% 240Min Summer	13.833	0.00	0.00	100Yr+45% 1440Min Winter	5.275	0.00	0.00
30Yr+10% 240Min Winter	13.833	0.00	0.00	100Yr+45% 1440Min Summer	5.275	0.00	-0.00

Simulation Results

Return Period (yrs) + Climate Change (%):
2yr+10%

Manholes

Manhole	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Status
RE13	15 min Winter	0	13.430	0.000	0.000		OK
DIF27	15 min Winter	0	13.249	0.000	0.000		OK
CP11	15 min Winter	0	13.050	0.000	0.000		OK
CP12	15 min Winter	0	12.950	0.000	0.000		OK
RE11	15 min Winter	0	13.100	0.000	0.000		OK
CP8	15 min Winter	0	12.925	0.000	0.000		OK
CP47	15 min Winter	0	12.850	0.000	0.000		OK
OVERFLOW 3	120 min Summer	71	13.428	0.003	0.308		OK
S6	180 min Summer	105	13.106	0.006	0.025		OK
OVERFLOW 4	15 min Winter	0	13.250	0.000	0.000		OK
S7	180 min Summer	116	12.706	0.006	0.021		OK
CP38	15 min Winter	0	13.175	0.000	0.000		OK
CP39	15 min Winter	0	12.950	0.000	0.000		OK
CP36	15 min Winter	0	13.100	0.000	0.000		OK
CP37	15 min Winter	0	12.825	0.000	0.000		OK
RE26	15 min Winter	0	13.300	0.000	0.000		OK
CP46	15 min Winter	0	12.725	0.000	0.000		OK
RE12	15 min Winter	0	13.100	0.000	0.000		OK
CP9	15 min Winter	0	12.900	0.000	0.000		OK
DIF26A	15 min Winter	0	12.965	0.000	0.000		OK
CP10	15 min Winter	0	12.775	0.000	0.000		OK
S8	120 min Summer	68	12.621	0.021	0.701		OK
DIF41A	15 min Winter	0	12.904	0.000	0.000		OK
CP31	15 min Winter	0	12.875	0.000	0.000		OK
RE23	15 min Winter	0	13.100	0.000	0.000		OK
CP32	15 min Winter	0	12.700	0.000	0.000		OK
DIF19	15 min Winter	0	12.903	0.000	0.000		OK
CP33	15 min Winter	0	12.700	0.000	0.000		OK
S25	120 min Summer	68	12.526	0.026	1.104		OK
OVERFLOW 1	15 min Winter	0	13.050	0.000	0.000		OK
S1	15 min Winter	0	13.000	0.000	0.000		OK
S2	15 min Winter	0	12.875	0.000	0.000		OK
OVERFLOW 2	15 min Winter	0	13.050	0.000	0.000		OK
S3	15 min Winter	0	13.000	0.000	0.000		OK
S4	15 min Winter	0	12.700	0.000	0.000		OK
S5	120 min Summer	71	12.427	0.027	1.066		OK
S15	1440 min Winter	1395	12.170	0.020	0.017		OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
1.000	15 min Winter	0	RE13	CP11	0.000	0.000	0.000	0.000	OK
2.000	15 min Winter	0	DIF27	CP11	0.000	0.000	0.000	0.000	OK
1.001	15 min Winter	0	CP11	CP12	0.000	0.000	0.000	0.000	OK
1.002	15 min Winter	0	CP12	S7	0.000	0.000	0.000	0.000	OK
3.000	15 min Winter	0	RE11	CP8	0.000	0.000	0.000	0.000	OK
3.001	15 min Winter	0	CP8	CP47	0.000	0.000	0.000	0.000	OK
3.002	15 min Winter	0	CP47	S7	0.000	0.000	0.000	0.000	OK
4.000	120 min Summer	71	OVERFLOW 3	S6	0.003	0.000	0.026	0.002	OK
4.001	180 min Summer	113	S6	S7	0.004	0.203	0.025	0.000	OK
5.000	180 min Summer	116	OVERFLOW 4	S7	0.003	0.000	0.000	0.000	OK
1.003	180 min Summer	118	S7	S8	0.011	0.036	0.021	0.001	OK
6.000	15 min Winter	0	CP38	CP39	0.000	0.000	0.000	0.000	OK
6.001	15 min Winter	0	CP39	CP37	0.000	0.000	0.000	0.000	OK
7.000	15 min Winter	0	CP36	CP37	0.000	0.000	0.000	0.000	OK
6.002	15 min Winter	0	CP37	CP46	0.000	0.000	0.000	0.000	OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
8.000	15 min Winter	0	RE26	CP46	0.000	0.000	0.000	0.000	OK
6.003	15 min Winter	0	CP46	S8	0.000	0.000	0.000	0.000	OK
9.000	15 min Winter	0	RE12	CP9	0.000	0.000	0.000	0.000	OK
9.001	15 min Winter	0	CP9	CP10	0.000	0.000	0.000	0.000	OK
10.000	15 min Winter	0	DIF26A	CP10	0.000	0.000	0.000	0.000	OK
9.002	15 min Winter	0	CP10	S8	0.000	0.000	0.000	0.000	OK
1.004	120 min Summer	68	S8	S25	0.023	0.325	0.701	0.019	OK
11.000	15 min Winter	0	DIF41A	CP31	0.000	0.000	0.000	0.000	OK
11.001	15 min Winter	0	CP31	CP32	0.000	0.000	0.000	0.000	OK
12.000	15 min Winter	0	RE23	CP32	0.000	0.000	0.000	0.000	OK
11.002	15 min Winter	0	CP32	S25	0.000	0.000	0.000	0.000	OK
13.000	15 min Winter	0	DIF19	CP33	0.000	0.000	0.000	0.000	OK
13.001	15 min Winter	0	CP33	S25	0.000	0.000	0.000	0.000	OK
1.005	120 min Summer	70	S25	S5	0.026	0.433	1.105	0.028	OK
14.000	15 min Winter	0	OVERFLOW 1	S1	0.000	0.000	0.000	0.000	OK
14.001	15 min Winter	0	S1	S2	0.000	0.000	0.000	0.000	OK
14.002	15 min Winter	0	S2	S4	0.000	0.000	0.000	0.000	OK
15.000	15 min Winter	0	OVERFLOW 2	S3	0.000	0.000	0.000	0.000	OK
15.001	15 min Winter	0	S3	S4	0.000	0.000	0.000	0.000	OK
14.003	120 min Summer	71	S4	S5	0.014	0.000	0.000	0.000	OK
1.006	120 min Summer	71	S5	S15	0.027	0.405	1.074	0.031	OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 10	240 min Summer	165	13.118	0.149	0.555			OK
Permeable Paving 11	240 min Summer	163	13.104	0.134	0.324			OK
Permeable Paving 13	360 min Summer	226	13.019	0.050	0.054			OK
Permeable Paving 14	360 min Summer	226	13.016	0.047	0.088			OK
Permeable Paving 15	240 min Summer	163	13.109	0.140	0.697			OK
Permeable Paving 16	360 min Summer	227	13.019	0.049	0.054			OK
Permeable Paving 17	360 min Summer	227	13.019	0.049	0.053			OK
Permeable Paving 18	360 min Summer	227	13.019	0.049	0.054			OK
Permeable Paving 19	360 min Summer	225	13.016	0.047	0.110			OK
Permeable Paving 20	120 min Summer	71	13.535	0.016	0.314			OK
Permeable Paving 23	240 min Summer	150	13.208	0.038	0.235			OK
Permeable Paving 24	360 min Summer	225	13.015	0.045	0.316			OK
Permeable Paving 25	360 min Summer	225	13.017	0.048	0.072			OK
Permeable Paving 30	240 min Summer	150	13.209	0.039	0.117			OK
Permeable Paving 2	360 min Summer	253	13.179	0.283	0.530			OK
Permeable Paving 5	240 min Summer	163	13.035	0.139	2.825			OK
Permeable Paving 6	180 min Summer	115	12.933	0.036	0.046			OK
Permeable Paving 9	360 min Summer	245	13.118	0.222	0.787			OK
Permeable Paving 26	240 min Summer	149	13.134	0.037	0.178			OK
Permeable Paving 27	240 min Summer	149	13.134	0.037	0.179			OK
Permeable Paving 28	240 min Summer	149	13.133	0.037	0.097			OK
Permeable Paving 29	360 min Summer	223	12.948	0.052	0.523			OK
Permeable Paving 31	240 min Summer	149	13.133	0.037	0.131			OK
Permeable Paving 44	180 min Summer	116	13.142	0.046	0.138			OK
Permeable Paving 45	180 min Summer	115	13.144	0.048	0.126			OK
Permeable Paving 46	180 min Summer	116	13.143	0.046	0.127			OK
Permeable Paving 47	180 min Summer	116	13.146	0.050	0.216			OK
Permeable Paving 48	240 min Summer	149	13.134	0.037	0.196			OK
Permeable Paving 50	240 min Summer	149	13.133	0.037	0.130			OK
Permeable Paving 32	120 min Summer	68	13.144	0.016	0.322			OK
Permeable Paving 33	120 min Summer	70	13.493	0.016	0.288			OK
Permeable Paving 34	120 min Summer	67	13.076	0.020	0.480			OK
Permeable Paving 7	240 min Summer	156	12.772	0.101	2.213			OK
Permeable Paving 21	240 min Summer	148	12.708	0.037	0.069			OK
Permeable Paving 39	180 min Summer	115	12.916	0.045	0.135			OK
Permeable Paving 40	180 min Summer	115	12.916	0.045	0.130			OK
Permeable Paving 41	180 min Summer	115	12.916	0.044	0.128			OK
Permeable Paving 42	180 min Summer	115	12.916	0.045	0.143			OK
Permeable Paving 43	180 min Summer	116	12.915	0.043	0.267			OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 8	240 min Summer	156	12.780	0.094	2.093			OK
Permeable Paving 22	180 min Summer	116	12.967	0.080	1.451			OK
Permeable Paving 35	180 min Summer	116	12.931	0.044	0.229			OK
Permeable Paving 36	180 min Summer	116	12.930	0.044	0.251			OK
Permeable Paving 38	240 min Summer	149	12.923	0.037	0.115			OK

Return Period (yrs) + Climate Change (%):

10yr+10%

Manholes

Manhole	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Status
RE13	15 min Summer	0	13.430	0.000	0.000		OK
DIF27	15 min Summer	0	13.249	0.000	0.000		OK
CP11	15 min Summer	0	13.050	0.000	0.000		OK
CP12	15 min Summer	0	12.950	0.000	0.000		OK
RE11	15 min Summer	0	13.100	0.000	0.000		OK
CP8	15 min Summer	0	12.925	0.000	0.000		OK
CP47	15 min Summer	0	12.850	0.000	0.000		OK
OVERFLOW 3	60 min Summer	40	13.430	0.005	0.761		OK
S6	60 min Summer	41	13.112	0.012	0.086		OK
OVERFLOW 4	180 min Winter	132	13.261	0.011	3.030		OK
S7	180 min Winter	134	12.751	0.051	0.853		OK
CP38	15 min Summer	0	13.175	0.000	0.000		OK
CP39	15 min Summer	0	12.950	0.000	0.000		OK
CP36	15 min Summer	0	13.100	0.000	0.000		OK
CP37	15 min Summer	0	12.825	0.000	0.000		OK
RE26	15 min Summer	0	13.300	0.000	0.000		OK
CP46	15 min Summer	0	12.725	0.000	0.000		OK
RE12	15 min Summer	0	13.100	0.000	0.000		OK
CP9	15 min Summer	0	12.900	0.000	0.000		OK
DIF26A	15 min Summer	0	12.965	0.000	0.000		OK
CP10	15 min Summer	0	12.775	0.000	0.000		OK
S8	60 min Summer	39	12.631	0.031	1.609		OK
DIF41A	15 min Summer	0	12.904	0.000	0.000		OK
CP31	15 min Summer	0	12.875	0.000	0.000		OK
RE23	15 min Summer	0	13.100	0.000	0.000		OK
CP32	15 min Summer	0	12.700	0.000	0.000		OK
DIF19	15 min Summer	0	12.903	0.000	0.000		OK
CP33	15 min Summer	0	12.700	0.000	0.000		OK
S25	60 min Summer	40	12.538	0.038	2.504		OK
OVERFLOW 1	15 min Summer	0	13.050	0.000	0.000		OK
S1	15 min Summer	0	13.000	0.000	0.000		OK
S2	15 min Summer	0	12.875	0.000	0.000		OK
OVERFLOW 2	15 min Summer	0	13.050	0.000	0.000		OK
S3	15 min Summer	0	13.000	0.000	0.000		OK
S4	15 min Summer	0	12.700	0.000	0.000		OK
S5	60 min Summer	41	12.441	0.041	2.463		OK
S15	360 min Summer	393	12.186	0.036	0.031		OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
1.000	15 min Summer	0	RE13	CP11	0.000	0.000	0.000	0.000	OK
2.000	15 min Summer	0	DIF27	CP11	0.000	0.000	0.000	0.000	OK
1.001	15 min Summer	0	CP11	CP12	0.000	0.000	0.000	0.000	OK
1.002	15 min Summer	0	CP12	S7	0.000	0.000	0.000	0.000	OK
3.000	15 min Summer	0	RE11	CP8	0.000	0.000	0.000	0.000	OK
3.001	15 min Summer	0	CP8	CP47	0.000	0.000	0.000	0.000	OK
3.002	15 min Summer	0	CP47	S7	0.000	0.000	0.000	0.000	OK
4.000	60 min Summer	40	OVERFLOW 3	S6	0.005	0.616	0.091	0.006	OK
4.001	180 min Winter	134	S6	S7	0.027	0.193	0.042	0.001	OK
5.000	180 min Winter	134	OVERFLOW 4	S7	0.031	0.284	0.834	0.005	OK
1.003	180 min Winter	135	S7	S8	0.025	0.349	0.848	0.023	OK
6.000	15 min Summer	0	CP38	CP39	0.000	0.000	0.000	0.000	OK
6.001	15 min Summer	0	CP39	CP37	0.000	0.000	0.000	0.000	OK
7.000	15 min Summer	0	CP36	CP37	0.000	0.000	0.000	0.000	OK
6.002	15 min Summer	0	CP37	CP46	0.000	0.000	0.000	0.000	OK
8.000	15 min Summer	0	RE26	CP46	0.000	0.000	0.000	0.000	OK
6.003	15 min Summer	0	CP46	S8	0.000	0.000	0.000	0.000	OK
9.000	15 min Summer	0	RE12	CP9	0.000	0.000	0.000	0.000	OK
9.001	15 min Summer	0	CP9	CP10	0.000	0.000	0.000	0.000	OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
10.000	15 min Summer	0	DIF26A	CP10	0.000	0.000	0.000	0.000	OK
9.002	15 min Summer	0	CP10	S8	0.000	0.000	0.000	0.000	OK
1.004	60 min Summer	39	S8	S25	0.035	0.415	1.604	0.042	OK
11.000	15 min Summer	0	DIF41A	CP31	0.000	0.000	0.000	0.000	OK
11.001	15 min Summer	0	CP31	CP32	0.000	0.000	0.000	0.000	OK
12.000	15 min Summer	0	RE23	CP32	0.000	0.000	0.000	0.000	OK
11.002	15 min Summer	0	CP32	S25	0.000	0.000	0.000	0.000	OK
13.000	15 min Summer	0	DIF19	CP33	0.000	0.000	0.000	0.000	OK
13.001	15 min Summer	0	CP33	S25	0.000	0.000	0.000	0.000	OK
1.005	60 min Summer	40	S25	S5	0.039	0.541	2.516	0.065	OK
14.000	15 min Summer	0	OVERFLOW 1	S1	0.000	0.000	0.000	0.000	OK
14.001	15 min Summer	0	S1	S2	0.000	0.000	0.000	0.000	OK
14.002	15 min Summer	0	S2	S4	0.000	0.000	0.000	0.000	OK
15.000	15 min Summer	0	OVERFLOW 2	S3	0.000	0.000	0.000	0.000	OK
15.001	15 min Summer	0	S3	S4	0.000	0.000	0.000	0.000	OK
14.003	60 min Summer	41	S4	S5	0.020	0.000	0.000	0.000	OK
1.006	60 min Summer	41	S5	S15	0.040	0.512	2.464	0.072	OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 10	240 min Summer	187	13.251	0.282	0.585			OK
Permeable Paving 11	240 min Summer	181	13.224	0.254	0.357			OK
Permeable Paving 13	240 min Summer	157	13.056	0.087	0.095			OK
Permeable Paving 14	240 min Summer	156	13.052	0.083	0.156			OK
Permeable Paving 15	240 min Summer	184	13.234	0.265	0.714			OK
Permeable Paving 16	240 min Summer	157	13.056	0.087	0.096			OK
Permeable Paving 17	240 min Summer	157	13.056	0.087	0.095			OK
Permeable Paving 18	240 min Summer	157	13.056	0.087	0.096			OK
Permeable Paving 19	240 min Summer	156	13.051	0.082	0.192			OK
Permeable Paving 20	60 min Summer	40	13.549	0.030	0.557			OK
Permeable Paving 23	180 min Summer	115	13.239	0.069	0.448			OK
Permeable Paving 24	240 min Summer	156	13.049	0.080	0.548			OK
Permeable Paving 25	240 min Summer	156	13.053	0.084	0.126			OK
Permeable Paving 30	180 min Summer	115	13.240	0.071	0.222			OK
Permeable Paving 2	180 min Summer	120	13.314	0.417	2.879			OK
Permeable Paving 5	240 min Summer	187	13.161	0.264	2.940			OK
Permeable Paving 6	180 min Winter	154	12.997	0.100	0.125			OK
Permeable Paving 9	240 min Winter	176	13.286	0.389	1.766			OK
Permeable Paving 26	180 min Summer	126	13.167	0.071	0.344			OK
Permeable Paving 27	180 min Summer	126	13.167	0.071	0.345			OK
Permeable Paving 28	240 min Summer	170	13.173	0.077	0.203			OK
Permeable Paving 29	240 min Summer	160	12.989	0.092	0.910			OK
Permeable Paving 31	180 min Summer	131	13.170	0.073	0.256			OK
Permeable Paving 44	180 min Summer	130	13.185	0.088	0.273			OK
Permeable Paving 45	180 min Summer	132	13.190	0.094	0.245			OK
Permeable Paving 46	180 min Summer	131	13.187	0.091	0.251			OK
Permeable Paving 47	180 min Summer	124	13.188	0.092	0.404			OK
Permeable Paving 48	180 min Summer	126	13.167	0.070	0.362			OK
Permeable Paving 50	180 min Summer	131	13.169	0.073	0.255			OK
Permeable Paving 32	60 min Summer	39	13.157	0.029	0.847			OK
Permeable Paving 33	60 min Summer	39	13.506	0.028	0.882			OK
Permeable Paving 34	30 min Summer	24	13.091	0.034	1.062			OK
Permeable Paving 7	240 min Summer	171	12.861	0.189	2.364			OK
Permeable Paving 21	180 min Summer	114	12.738	0.066	0.122			OK
Permeable Paving 39	180 min Summer	114	12.951	0.079	0.238			OK
Permeable Paving 40	180 min Summer	114	12.951	0.080	0.230			OK
Permeable Paving 41	180 min Summer	114	12.951	0.079	0.226			OK
Permeable Paving 42	180 min Summer	114	12.951	0.079	0.252			OK
Permeable Paving 43	180 min Summer	115	12.949	0.077	0.471			OK
Permeable Paving 8	240 min Summer	168	12.861	0.174	2.334			OK
Permeable Paving 22	180 min Summer	121	13.034	0.148	1.842			OK
Permeable Paving 35	180 min Summer	115	12.965	0.079	0.403			OK
Permeable Paving 36	180 min Summer	115	12.965	0.078	0.443			OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 38	180 min Summer	114	12.953	0.067	0.211			OK

Return Period (yrs) + Climate Change (%):

30yr+10%

Manholes

Manhole	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Status
RE13	15 min Summer	0	13.430	0.000	0.000		OK
DIF27	15 min Summer	0	13.249	0.000	0.000		OK
CP11	15 min Summer	0	13.050	0.000	0.000		OK
CP12	15 min Summer	0	12.950	0.000	0.000		OK
RE11	15 min Summer	0	13.100	0.000	0.000		OK
CP8	120 min Summer	96	12.933	0.008	0.000		OK
CP47	120 min Summer	96	12.933	0.083	0.027		OK
OVERFLOW 3	60 min Summer	42	13.431	0.006	1.041		OK
S6	60 min Summer	43	13.116	0.016	0.130		OK
OVERFLOW 4	120 min Summer	87	13.270	0.020	8.512		OK
S7	120 min Summer	96	12.933	0.233	2.298		Surcharged
CP38	15 min Summer	0	13.175	0.000	0.000		OK
CP39	15 min Summer	0	12.950	0.000	0.000		OK
CP36	15 min Summer	0	13.100	0.000	0.000		OK
CP37	15 min Summer	0	12.825	0.000	0.000		OK
RE26	15 min Summer	0	13.300	0.000	0.000		OK
CP46	15 min Summer	0	12.725	0.000	0.000		OK
RE12	15 min Summer	0	13.100	0.000	0.000		OK
CP9	15 min Summer	0	12.900	0.000	0.000		OK
DIF26A	15 min Summer	0	12.965	0.000	0.000		OK
CP10	15 min Summer	0	12.775	0.000	0.000		OK
S8	180 min Summer	122	12.641	0.041	2.837		OK
DIF41A	15 min Summer	0	12.904	0.000	0.000		OK
CP31	15 min Summer	0	12.875	0.000	0.000		OK
RE23	15 min Summer	0	13.100	0.000	0.000		OK
CP32	15 min Summer	0	12.700	0.000	0.000		OK
DIF19	15 min Summer	0	12.903	0.000	0.000		OK
CP33	15 min Summer	0	12.700	0.000	0.000		OK
S25	60 min Summer	39	12.544	0.044	3.326		OK
OVERFLOW 1	15 min Summer	0	13.050	0.000	0.000		OK
S1	15 min Summer	0	13.000	0.000	0.000		OK
S2	15 min Summer	0	12.875	0.000	0.000		OK
OVERFLOW 2	120 min Summer	85	13.059	0.009	0.707		OK
S3	120 min Summer	87	13.018	0.018	0.163		OK
S4	120 min Summer	91	12.709	0.009	0.156		OK
S5	60 min Summer	41	12.447	0.047	3.285		OK
S15	360 min Summer	384	12.211	0.061	0.053		OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
1.000	15 min Summer	0	RE13	CP11	0.000	0.000	0.000	0.000	OK
2.000	15 min Summer	0	DIF27	CP11	0.000	0.000	0.000	0.000	OK
1.001	15 min Summer	0	CP11	CP12	0.000	0.000	0.000	0.000	OK
1.002	120 min Summer	93	CP12	S7	0.050	0.000	0.000	0.000	OK
3.000	120 min Summer	96	RE11	CP8	0.004	0.000	0.000	0.000	OK
3.001	120 min Summer	98	CP8	CP47	0.045	0.014	0.036	0.006	OK
3.002	120 min Summer	106	CP47	S7	0.091	0.129	0.145	0.041	OK
4.000	60 min Summer	42	OVERFLOW 3	S6	0.006	0.701	0.136	0.008	OK
4.001	120 min Summer	93	S6	S7	0.114	0.263	0.111	0.002	OK
5.000	120 min Summer	93	OVERFLOW 4	S7	0.122	0.397	3.023	0.019	OK
1.003	120 min Summer	96	S7	S8	0.039	0.503	2.308	0.062	OK
6.000	15 min Summer	0	CP38	CP39	0.000	0.000	0.000	0.000	OK
6.001	15 min Summer	0	CP39	CP37	0.000	0.000	0.000	0.000	OK
7.000	15 min Summer	0	CP36	CP37	0.000	0.000	0.000	0.000	OK
6.002	15 min Summer	0	CP37	CP46	0.000	0.000	0.000	0.000	OK
8.000	15 min Summer	0	RE26	CP46	0.000	0.000	0.000	0.000	OK
6.003	15 min Summer	0	CP46	S8	0.000	0.000	0.000	0.000	OK
9.000	15 min Summer	0	RE12	CP9	0.000	0.000	0.000	0.000	OK
9.001	15 min Summer	0	CP9	CP10	0.000	0.000	0.000	0.000	OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
10.000	15 min Summer	0	DIF26A	CP10	0.000	0.000	0.000	0.000	OK
9.002	15 min Summer	0	CP10	S8	0.000	0.000	0.000	0.000	OK
1.004	180 min Summer	121	S8	S25	0.042	0.557	2.839	0.075	OK
11.000	15 min Summer	0	DIF41A	CP31	0.000	0.000	0.000	0.000	OK
11.001	15 min Summer	0	CP31	CP32	0.000	0.000	0.000	0.000	OK
12.000	15 min Summer	0	RE23	CP32	0.000	0.000	0.000	0.000	OK
11.002	15 min Summer	0	CP32	S25	0.000	0.000	0.000	0.000	OK
13.000	15 min Summer	0	DIF19	CP33	0.000	0.000	0.000	0.000	OK
13.001	15 min Summer	0	CP33	S25	0.000	0.000	0.000	0.000	OK
1.005	60 min Summer	40	S25	S5	0.045	0.585	3.324	0.086	OK
14.000	15 min Summer	0	OVERFLOW 1	S1	0.000	0.000	0.000	0.000	OK
14.001	15 min Summer	0	S1	S2	0.000	0.000	0.000	0.000	OK
14.002	120 min Summer	91	S2	S4	0.005	0.000	0.000	0.000	OK
15.000	120 min Summer	87	OVERFLOW 2	S3	0.014	0.406	0.165	0.022	OK
15.001	120 min Summer	88	S3	S4	0.008	0.543	0.161	0.014	OK
14.003	180 min Summer	125	S4	S5	0.028	0.050	0.143	0.003	OK
1.006	60 min Summer	41	S5	S15	0.047	0.553	3.283	0.096	OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 10	240 min Winter	205	13.345	0.375	0.598			OK
Permeable Paving 11	240 min Winter	200	13.307	0.338	0.368			OK
Permeable Paving 13	180 min Summer	126	13.082	0.113	0.108			OK
Permeable Paving 14	180 min Summer	123	13.076	0.107	0.192			OK
Permeable Paving 15	240 min Winter	203	13.321	0.352	0.733			OK
Permeable Paving 16	180 min Summer	126	13.081	0.112	0.108			OK
Permeable Paving 17	180 min Summer	126	13.082	0.112	0.108			OK
Permeable Paving 18	180 min Summer	126	13.081	0.112	0.108			OK
Permeable Paving 19	180 min Summer	123	13.075	0.105	0.236			OK
Permeable Paving 20	60 min Summer	41	13.556	0.037	1.075			OK
Permeable Paving 23	120 min Summer	81	13.259	0.090	0.573			OK
Permeable Paving 24	180 min Summer	122	13.071	0.102	0.715			OK
Permeable Paving 25	180 min Summer	124	13.077	0.108	0.146			OK
Permeable Paving 30	120 min Summer	81	13.261	0.092	0.286			OK
Permeable Paving 2	120 min Summer	86	13.366	0.469	6.543			OK
Permeable Paving 5	240 min Winter	204	13.251	0.354	3.053			OK
Permeable Paving 6	180 min Winter	165	13.114	0.218	0.145			OK
Permeable Paving 9	180 min Summer	121	13.332	0.436	4.158			OK
Permeable Paving 26	180 min Summer	131	13.200	0.104	0.487			OK
Permeable Paving 27	180 min Summer	131	13.200	0.104	0.488			OK
Permeable Paving 28	180 min Winter	150	13.227	0.130	0.272			OK
Permeable Paving 29	180 min Summer	134	13.022	0.125	0.999			OK
Permeable Paving 31	180 min Summer	137	13.211	0.114	0.364			OK
Permeable Paving 44	180 min Summer	142	13.240	0.144	0.317			OK
Permeable Paving 45	180 min Summer	142	13.256	0.160	0.268			OK
Permeable Paving 46	180 min Summer	145	13.249	0.153	0.287			OK
Permeable Paving 47	180 min Summer	136	13.237	0.141	0.446			OK
Permeable Paving 48	180 min Summer	130	13.198	0.102	0.528			OK
Permeable Paving 50	180 min Summer	137	13.211	0.114	0.362			OK
Permeable Paving 32	30 min Summer	24	13.163	0.035	1.024			OK
Permeable Paving 33	60 min Summer	41	13.512	0.035	0.941			OK
Permeable Paving 34	30 min Summer	23	13.099	0.042	1.441			OK
Permeable Paving 7	180 min Winter	153	12.923	0.251	2.293			OK
Permeable Paving 21	120 min Summer	80	12.758	0.086	0.160			OK
Permeable Paving 39	120 min Summer	81	12.975	0.104	0.289			OK
Permeable Paving 40	120 min Summer	81	12.975	0.104	0.279			OK
Permeable Paving 41	120 min Summer	81	12.975	0.104	0.274			OK
Permeable Paving 42	120 min Summer	81	12.975	0.104	0.306			OK
Permeable Paving 43	120 min Summer	81	12.972	0.100	0.599			OK
Permeable Paving 8	180 min Summer	147	12.919	0.232	2.371			OK
Permeable Paving 22	120 min Summer	85	13.080	0.193	2.553			OK
Permeable Paving 35	120 min Summer	86	12.991	0.104	0.512			OK
Permeable Paving 36	120 min Summer	85	12.990	0.103	0.577			OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 38	120 min Summer	90	12.977	0.090	0.289			OK

Return Period (yrs) + Climate Change (%):

100yr+0%

Manholes

Manhole	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Status
RE13	15 min Summer	0	13.430	0.000	0.000		OK
DIF27	15 min Summer	0	13.249	0.000	0.000		OK
CP11	120 min Summer	105	13.125	0.075	0.001		OK
CP12	120 min Summer	105	13.125	0.175	0.019		Surcharged
RE11	120 min Summer	107	13.125	0.025	0.000		OK
CP8	120 min Summer	105	13.125	0.200	0.000		Surcharged
CP47	120 min Summer	105	13.125	0.275	0.005		Surcharged
OVERFLOW 3	60 min Summer	41	13.432	0.007	1.215		OK
S6	120 min Summer	106	13.126	0.026	0.019		OK
OVERFLOW 4	120 min Summer	96	13.275	0.025	10.664		OK
S7	120 min Summer	106	13.125	0.425	3.239		Surcharged
CP38	15 min Summer	0	13.175	0.000	0.000		OK
CP39	15 min Summer	0	12.950	0.000	0.000		OK
CP36	15 min Summer	0	13.100	0.000	0.000		OK
CP37	15 min Summer	0	12.825	0.000	0.000		OK
RE26	15 min Summer	0	13.300	0.000	0.000		OK
CP46	15 min Summer	0	12.725	0.000	0.000		OK
RE12	15 min Summer	0	13.100	0.000	0.000		OK
CP9	15 min Summer	0	12.900	0.000	0.000		OK
DIF26A	15 min Summer	0	12.965	0.000	0.000		OK
CP10	15 min Summer	0	12.775	0.000	0.000		OK
S8	120 min Winter	99	12.647	0.047	3.698		OK
DIF41A	15 min Summer	0	12.904	0.000	0.000		OK
CP31	15 min Summer	0	12.875	0.000	0.000		OK
RE23	15 min Summer	0	13.100	0.000	0.000		OK
CP32	15 min Summer	0	12.700	0.000	0.000		OK
DIF19	15 min Summer	0	12.903	0.000	0.000		OK
CP33	15 min Summer	0	12.700	0.000	0.000		OK
S25	120 min Winter	86	12.548	0.048	3.980		OK
OVERFLOW 1	15 min Summer	0	13.050	0.000	0.000		OK
S1	15 min Summer	0	13.000	0.000	0.000		OK
S2	15 min Summer	0	12.875	0.000	0.000		OK
OVERFLOW 2	120 min Summer	85	13.066	0.016	1.743		OK
S3	120 min Summer	86	13.039	0.039	0.504		OK
S4	120 min Summer	87	12.716	0.016	0.504		OK
S5	120 min Winter	94	12.455	0.055	4.456		OK
S15	240 min Summer	272	12.245	0.095	0.084		OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
1.000	120 min Summer	105	RE13	CP11	0.038	0.000	0.000	0.000	OK
2.000	120 min Summer	105	DIF27	CP11	0.038	0.000	0.000	0.000	OK
1.001	120 min Summer	118	CP11	CP12	0.088	0.035	0.178	0.029	OK
1.002	120 min Winter	120	CP12	S7	0.100	0.054	0.350	0.050	Surcharged
3.000	120 min Summer	114	RE11	CP8	0.063	0.018	0.079	0.010	OK
3.001	120 min Winter	129	CP8	CP47	0.100	0.073	0.317	0.049	Surcharged
3.002	120 min Winter	129	CP47	S7	0.100	0.159	0.639	0.182	Surcharged
4.000	60 min Summer	41	OVERFLOW 3	S6	0.007	0.744	0.167	0.010	OK
4.001	120 min Summer	113	S6	S7	0.125	0.258	0.248	0.003	OK
5.000	120 min Summer	96	OVERFLOW 4	S7	0.125	0.425	4.568	0.028	OK
1.003	120 min Winter	106	S7	S8	0.045	0.565	3.208	0.087	OK
6.000	15 min Summer	0	CP38	CP39	0.000	0.000	0.000	0.000	OK
6.001	15 min Summer	0	CP39	CP37	0.000	0.000	0.000	0.000	OK
7.000	15 min Summer	0	CP36	CP37	0.000	0.000	0.000	0.000	OK
6.002	15 min Summer	0	CP37	CP46	0.000	0.000	0.000	0.000	OK
8.000	15 min Summer	0	RE26	CP46	0.000	0.000	0.000	0.000	OK
6.003	15 min Summer	0	CP46	S8	0.000	0.000	0.000	0.000	OK
9.000	15 min Summer	0	RE12	CP9	0.000	0.000	0.000	0.000	OK
9.001	15 min Summer	0	CP9	CP10	0.000	0.000	0.000	0.000	OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
10.000	15 min Summer	0	DIF26A	CP10	0.000	0.000	0.000	0.000	OK
9.002	15 min Summer	0	CP10	S8	0.000	0.000	0.000	0.000	OK
1.004	120 min Winter	99	S8	S25	0.047	0.608	3.699	0.098	OK
11.000	15 min Summer	0	DIF41A	CP31	0.000	0.000	0.000	0.000	OK
11.001	15 min Summer	0	CP31	CP32	0.000	0.000	0.000	0.000	OK
12.000	15 min Summer	0	RE23	CP32	0.000	0.000	0.000	0.000	OK
11.002	15 min Summer	0	CP32	S25	0.000	0.000	0.000	0.000	OK
13.000	15 min Summer	0	DIF19	CP33	0.000	0.000	0.000	0.000	OK
13.001	15 min Summer	0	CP33	S25	0.000	0.000	0.000	0.000	OK
1.005	120 min Winter	93	S25	S5	0.051	0.602	3.990	0.103	OK
14.000	15 min Summer	0	OVERFLOW 1	S1	0.000	0.000	0.000	0.000	OK
14.001	15 min Summer	0	S1	S2	0.000	0.000	0.000	0.000	OK
14.002	120 min Summer	87	S2	S4	0.008	0.000	0.000	0.000	OK
15.000	120 min Summer	85	OVERFLOW 2	S3	0.027	0.461	0.515	0.069	OK
15.001	120 min Summer	86	S3	S4	0.014	0.763	0.509	0.046	OK
14.003	120 min Winter	93	S4	S5	0.035	0.119	0.478	0.010	OK
1.006	120 min Winter	94	S5	S15	0.054	0.602	4.459	0.131	OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 10	240 min Winter	214	13.405	0.436	0.617			OK
Permeable Paving 11	240 min Winter	207	13.362	0.393	0.357			OK
Permeable Paving 13	180 min Summer	129	13.100	0.131	0.110			OK
Permeable Paving 14	180 min Summer	126	13.093	0.124	0.192			OK
Permeable Paving 15	240 min Winter	208	13.378	0.409	0.765			OK
Permeable Paving 16	180 min Summer	128	13.100	0.130	0.112			OK
Permeable Paving 17	180 min Summer	129	13.100	0.131	0.110			OK
Permeable Paving 18	180 min Summer	128	13.100	0.130	0.112			OK
Permeable Paving 19	180 min Summer	126	13.091	0.122	0.235			OK
Permeable Paving 20	60 min Summer	41	13.560	0.041	1.197			OK
Permeable Paving 23	120 min Summer	81	13.273	0.104	0.651			OK
Permeable Paving 24	180 min Summer	125	13.087	0.118	0.712			OK
Permeable Paving 25	180 min Summer	126	13.095	0.126	0.156			OK
Permeable Paving 30	120 min Summer	82	13.276	0.107	0.303			OK
Permeable Paving 2	120 min Summer	92	13.388	0.491	7.116			OK
Permeable Paving 5	240 min Winter	190	13.295	0.399	4.498			OK
Permeable Paving 6	240 min Winter	220	13.252	0.356	0.164			OK
Permeable Paving 9	120 min Summer	86	13.367	0.471	6.272			OK
Permeable Paving 26	180 min Summer	146	13.232	0.136	0.490			OK
Permeable Paving 27	180 min Summer	146	13.232	0.136	0.491			OK
Permeable Paving 28	180 min Winter	145	13.268	0.171	0.288			OK
Permeable Paving 29	240 min Summer	176	13.047	0.151	1.008			OK
Permeable Paving 31	180 min Winter	158	13.255	0.158	0.365			OK
Permeable Paving 44	180 min Summer	132	13.271	0.174	0.332			OK
Permeable Paving 45	120 min Winter	97	13.274	0.177	0.272			OK
Permeable Paving 46	120 min Winter	100	13.272	0.176	0.287			OK
Permeable Paving 47	180 min Summer	135	13.269	0.172	0.449			OK
Permeable Paving 48	180 min Summer	144	13.228	0.132	0.520			OK
Permeable Paving 50	180 min Winter	158	13.255	0.158	0.363			OK
Permeable Paving 32	30 min Summer	23	13.167	0.039	1.248			OK
Permeable Paving 33	60 min Summer	40	13.516	0.038	1.133			OK
Permeable Paving 34	30 min Summer	23	13.104	0.047	1.603			OK
Permeable Paving 7	180 min Winter	158	12.963	0.292	2.360			OK
Permeable Paving 21	120 min Summer	80	12.771	0.099	0.181			OK
Permeable Paving 39	120 min Summer	82	12.993	0.121	0.303			OK
Permeable Paving 40	120 min Summer	82	12.993	0.121	0.293			OK
Permeable Paving 41	120 min Summer	82	12.993	0.121	0.287			OK
Permeable Paving 42	120 min Summer	82	12.993	0.121	0.321			OK
Permeable Paving 43	120 min Summer	82	12.989	0.117	0.629			OK
Permeable Paving 8	180 min Winter	157	12.958	0.272	2.463			OK
Permeable Paving 22	120 min Summer	85	13.104	0.218	2.859			OK
Permeable Paving 35	120 min Summer	97	13.017	0.131	0.530			OK
Permeable Paving 36	120 min Summer	95	13.015	0.128	0.596			OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 38	120 min Summer	104	13.006	0.120	0.317			OK

Return Period (yrs) + Climate Change (%):

100yr+45%

Manholes

Manhole	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Status
RE13	15 min Summer	0	13.430	0.000	0.000		OK
DIF27	180 min Summer	148	13.401	0.152	0.023		Surcharged
CP11	180 min Summer	148	13.401	0.351	0.013		Surcharged
CP12	180 min Summer	148	13.401	0.451	0.018		Surcharged
RE11	180 min Summer	148	13.401	0.301	0.009		Surcharged
CP8	180 min Summer	150	13.401	0.476	0.010		Surcharged
CP47	180 min Summer	149	13.401	0.551	0.001		Surcharged
OVERFLOW 3	180 min Winter	130	13.453	0.028	7.690		OK
S6	180 min Winter	129	13.459	0.359	1.658		Surcharged
OVERFLOW 4	180 min Summer	148	13.402	0.152	12.830		OK
S7	180 min Summer	149	13.401	0.701	4.179		Surcharged
CP38	15 min Summer	0	13.175	0.000	0.000		OK
CP39	15 min Summer	0	12.950	0.000	0.000		OK
CP36	15 min Summer	0	13.100	0.000	0.000		OK
CP37	15 min Summer	0	12.825	0.000	0.000		OK
RE26	15 min Summer	0	13.300	0.000	0.000		OK
CP46	15 min Summer	0	12.725	0.000	0.000		OK
RE12	15 min Summer	0	13.100	0.000	0.000		OK
CP9	15 min Summer	0	12.900	0.000	0.000		OK
DIF26A	15 min Summer	0	12.965	0.000	0.000		OK
CP10	15 min Summer	0	12.775	0.000	0.000		OK
S8	180 min Summer	110	12.659	0.059	5.819		OK
DIF41A	15 min Summer	0	12.904	0.000	0.000		OK
CP31	15 min Summer	0	12.875	0.000	0.000		OK
RE23	15 min Summer	0	13.100	0.000	0.000		OK
CP32	15 min Summer	0	12.700	0.000	0.000		OK
DIF19	15 min Summer	0	12.903	0.000	0.000		OK
CP33	15 min Summer	0	12.700	0.000	0.000		OK
S25	180 min Summer	110	12.563	0.063	6.816		OK
OVERFLOW 1	180 min Winter	151	13.069	0.019	1.932		OK
S1	180 min Winter	152	13.043	0.043	0.585		OK
S2	180 min Winter	153	12.893	0.018	0.585		OK
OVERFLOW 2	120 min Winter	99	13.118	0.068	3.841		OK
S3	120 min Winter	100	13.117	0.117	1.566		Surcharged
S4	180 min Winter	152	12.733	0.033	2.162		OK
S5	180 min Summer	112	12.475	0.075	8.083		OK
S15	360 min Summer	432	12.458	0.308	0.112		OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
1.000	30 min Summer	61	RE13	CP11	0.050	0.000	0.000	0.000	OK
2.000	240 min Summer	273	DIF27	CP11	0.100	0.054	0.400	0.025	Surcharged
1.001	240 min Summer	273	CP11	CP12	0.100	0.085	0.626	0.102	Surcharged
1.002	180 min Summer	274	CP12	S7	0.100	0.107	0.844	0.121	Surcharged
3.000	240 min Summer	273	RE11	CP8	0.100	0.059	0.462	0.061	Surcharged
3.001	360 min Winter	401	CP8	CP47	0.100	0.092	0.557	0.087	Surcharged
3.002	180 min Summer	276	CP47	S7	0.100	0.186	0.908	0.258	Surcharged
4.000	180 min Winter	131	OVERFLOW 3	S6	0.064	0.744	2.248	0.139	OK
4.001	120 min Summer	90	S6	S7	0.225	0.233	1.933	0.027	OK
5.000	180 min Summer	154	OVERFLOW 4	S7	0.189	0.553	13.562	0.084	OK
1.003	180 min Summer	149	S7	S8	0.053	0.625	4.209	0.114	OK
6.000	15 min Summer	0	CP38	CP39	0.000	0.000	0.000	0.000	OK
6.001	15 min Summer	0	CP39	CP37	0.000	0.000	0.000	0.000	OK
7.000	15 min Summer	0	CP36	CP37	0.000	0.000	0.000	0.000	OK
6.002	15 min Summer	0	CP37	CP46	0.000	0.000	0.000	0.000	OK
8.000	15 min Summer	0	RE26	CP46	0.000	0.000	0.000	0.000	OK
6.003	15 min Summer	0	CP46	S8	0.000	0.000	0.000	0.000	OK
9.000	15 min Summer	0	RE12	CP9	0.000	0.000	0.000	0.000	OK
9.001	15 min Summer	0	CP9	CP10	0.000	0.000	0.000	0.000	OK

Conduits

Pipe No.	Critical Storm	Peak (mins)	US Manhole	DS Manhole	Flow Depth (m)	Max Velocity (m/s)	Max Flow (l/s)	Flow / Capacity	Status
10.000	15 min Summer	0	DIF26A	CP10	0.000	0.000	0.000	0.000	OK
9.002	15 min Summer	0	CP10	S8	0.000	0.000	0.000	0.000	OK
1.004	180 min Summer	110	S8	S25	0.061	0.662	5.779	0.153	OK
11.000	15 min Summer	0	DIF41A	CP31	0.000	0.000	0.000	0.000	OK
11.001	15 min Summer	0	CP31	CP32	0.000	0.000	0.000	0.000	OK
12.000	15 min Summer	0	RE23	CP32	0.000	0.000	0.000	0.000	OK
11.002	15 min Summer	0	CP32	S25	0.000	0.000	0.000	0.000	OK
13.000	15 min Summer	0	DIF19	CP33	0.000	0.000	0.000	0.000	OK
13.001	15 min Summer	0	CP33	S25	0.000	0.000	0.000	0.000	OK
1.005	180 min Summer	111	S25	S5	0.069	0.665	6.816	0.176	OK
14.000	180 min Winter	151	OVERFLOW 1	S1	0.031	0.357	0.586	0.089	OK
14.001	180 min Winter	153	S1	S2	0.018	0.381	0.585	0.014	OK
14.002	180 min Winter	153	S2	S4	0.025	0.236	0.585	0.014	OK
15.000	180 min Winter	188	OVERFLOW 2	S3	0.084	0.463	2.308	0.308	OK
15.001	120 min Winter	100	S3	S4	0.025	1.055	1.583	0.142	OK
14.003	180 min Winter	152	S4	S5	0.051	0.325	2.162	0.047	OK
1.006	360 min Summer	434	S5	S15	0.142	0.683	7.032	0.206	OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 10	120 min Summer	90	13.508	0.539	3.814			OK
Permeable Paving 11	180 min Winter	129	13.478	0.508	1.916			OK
Permeable Paving 13	240 min Winter	231	13.359	0.390	0.130			OK
Permeable Paving 14	240 min Winter	221	13.264	0.294	0.209			OK
Permeable Paving 15	180 min Winter	133	13.502	0.533	3.650			OK
Permeable Paving 16	240 min Winter	230	13.355	0.386	0.135			OK
Permeable Paving 17	240 min Winter	230	13.358	0.389	0.135			OK
Permeable Paving 18	240 min Winter	230	13.355	0.386	0.135			OK
Permeable Paving 19	240 min Winter	216	13.238	0.269	0.257			OK
Permeable Paving 20	60 min Summer	39	13.573	0.054	1.906			OK
Permeable Paving 23	180 min Summer	143	13.354	0.185	0.671			OK
Permeable Paving 24	240 min Summer	191	13.177	0.208	0.717			OK
Permeable Paving 25	240 min Winter	224	13.294	0.325	0.178			OK
Permeable Paving 30	180 min Winter	163	13.405	0.236	0.331			OK
Permeable Paving 2	120 min Summer	119	13.483	0.587	5.920			OK
Permeable Paving 5	240 min Winter	181	13.450	0.554	8.152			OK
Permeable Paving 6	180 min Summer	148	13.401	0.504	0.086			OK
Permeable Paving 9	120 min Summer	104	13.493	0.596	7.773			OK
Permeable Paving 26	180 min Summer	150	13.400	0.304	0.277			OK
Permeable Paving 27	180 min Summer	150	13.400	0.304	0.279			OK
Permeable Paving 28	180 min Summer	149	13.400	0.304	0.298			OK
Permeable Paving 29	180 min Summer	181	13.383	0.487	1.447			OK
Permeable Paving 31	180 min Summer	150	13.400	0.304	0.213			OK
Permeable Paving 44	180 min Summer	149	13.400	0.304	0.348			OK
Permeable Paving 45	180 min Summer	148	13.401	0.304	0.185			OK
Permeable Paving 46	180 min Summer	149	13.401	0.304	0.192			OK
Permeable Paving 47	180 min Summer	150	13.400	0.304	0.316			OK
Permeable Paving 48	180 min Summer	150	13.400	0.304	0.300			OK
Permeable Paving 50	180 min Summer	150	13.400	0.304	0.211			OK
Permeable Paving 32	30 min Summer	22	13.181	0.053	1.871			OK
Permeable Paving 33	60 min Summer	39	13.529	0.051	1.669			OK
Permeable Paving 34	30 min Summer	23	13.120	0.063	2.628			OK
Permeable Paving 7	240 min Winter	184	13.110	0.439	4.522			OK
Permeable Paving 21	180 min Summer	184	12.924	0.252	0.206			OK
Permeable Paving 39	180 min Winter	153	13.068	0.196	0.312			OK
Permeable Paving 40	180 min Winter	152	13.068	0.196	0.307			OK
Permeable Paving 41	180 min Winter	152	13.068	0.196	0.304			OK
Permeable Paving 42	180 min Winter	153	13.067	0.196	0.332			OK
Permeable Paving 43	120 min Summer	104	13.061	0.190	0.646			OK
Permeable Paving 8	180 min Winter	153	13.120	0.434	3.566			OK
Permeable Paving 22	60 min Summer	51	13.171	0.285	7.761			OK
Permeable Paving 35	120 min Winter	100	13.118	0.231	0.431			OK
Permeable Paving 36	120 min Winter	100	13.118	0.231	0.474			OK

Permeable Paving Storage

Permeable Paving	Critical Storm	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m3)	Surface Runoff (m3)	Status
Permeable Paving 38	120 min Winter	100	13.118	0.231	0.244			OK