

Huyton: SW Drainage		Date: 18/09/2024			
		Designed by: L Pilsbury	Checked by:	Approved By:	
Report Details: Type: Junctions Summary Storm Phase: Storm		Company Address:			

20	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	24.617	23.166	23.208	0.042	3.5	0.048	0.000	3.3	1.671	OK
23	SRP Wizard FSR: 2 years: +0 %: 15 mins: Summer	24.725	21.052	21.195	0.143	24.2	0.000	0.000	24.2	21.497	OK
22	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	24.536	21.171	21.860	0.689	210.5	3.115	0.000	24.3	109.746	Surcharged

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SRP Wizard FSR: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
1	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	23.851	22.351	23.385	1.034	55.2	1.170	0.000	61.6	34.023	Surcharged
2	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	24.078	22.200	23.338	1.137	74.1	1.628	0.000	83.4	43.824	Surcharged
4	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.364	21.933	23.291	1.358	147.2	2.400	0.000	156.4	117.732	Surcharged
3	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.597	23.097	23.873	0.776	117.7	0.878	0.000	109.4	56.929	Surcharged
5	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.446	21.797	23.221	1.423	189.8	2.515	0.000	197.7	129.804	Surcharged
6	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.368	21.572	23.186	1.614	234.0	2.853	0.000	244.1	166.511	Surcharged
7	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.445	23.020	23.177	0.157	29.4	0.177	0.000	15.6	13.641	OK
8	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.435	22.721	23.282	0.562	69.1	0.635	0.000	52.6	38.429	Surcharged
11	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.384	21.376	23.181	1.806	331.7	3.191	0.000	345.8	263.020	Surcharged
9	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.513	23.088	23.310	0.222	36.2	0.251	0.000	20.8	16.783	OK
10	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.437	22.906	23.293	0.388	39.6	0.439	0.000	32.6	25.547	Surcharged
12	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.642	23.142	23.261	0.119	19.6	0.135	0.000	24.4	15.470	OK
13	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.583	22.963	23.181	0.218	59.9	0.247	0.000	58.5	35.874	OK
14	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.579	22.743	23.011	0.267	80.9	0.302	0.000	72.7	36.705	OK
16	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.518	22.500	23.264	0.764	98.8	1.093	0.000	109.4	75.895	Surcharged
15	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.626	23.201	23.370	0.169	43.4	0.191	0.000	30.8	19.671	OK
17	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.680	23.330	23.384	0.054	4.8	0.061	0.000	4.6	2.221	OK
18	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.582	23.096	23.172	0.076	9.4	0.086	0.000	9.2	4.557	OK
21	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.582	22.967	23.030	0.063	19.5	0.071	0.000	7.0	9.453	OK
19	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.689	23.339	23.392	0.053	4.8	0.059	0.000	4.7	2.229	OK

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20	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.617	23.166	23.240	0.074	9.5	0.084	0.000	9.0	4.453	OK
23	SRP Wizard FSR: 30 years: +40 %: 960 mins: Winter	24.725	21.052	21.198	0.146	25.0	0.000	0.000	25.0	1440.030	OK
22	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	24.536	21.171	23.105	1.933	474.3	8.746	0.000	24.6	337.220	Surcharged

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SRP Wizard FSR: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
1	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	23.851	22.351	23.491	1.140	67.7	1.289	0.000	72.1	69.641	Surcharged
2	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.078	22.200	23.572	1.372	103.4	1.963	0.000	120.1	94.770	Surcharged
4	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.364	21.933	23.613	1.680	174.7	2.968	0.000	181.9	176.378	Surcharged
3	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.597	23.097	24.305	1.208	150.5	1.366	0.000	133.7	77.760	Surcharged
5	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.446	21.797	23.610	1.812	216.2	3.202	0.000	223.8	180.758	Surcharged
6	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.368	21.572	23.637	2.066	286.9	3.650	0.000	297.9	222.853	Surcharged
7	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.445	23.020	24.047	1.027	39.6	1.161	0.000	34.7	18.341	Surcharged
8	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.435	22.721	23.864	1.143	106.7	1.293	0.000	100.5	51.688	Surcharged
11	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.384	21.376	23.653	2.277	434.1	4.024	0.000	441.9	354.797	Surcharged
9	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.513	23.088	24.275	1.187	48.7	1.342	0.000	38.3	22.540	Surcharged
10	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.437	22.906	24.084	1.179	63.6	1.333	0.000	54.8	34.318	Surcharged
12	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.642	23.142	24.081	0.939	47.3	1.062	0.000	53.7	22.631	Surcharged
13	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.583	22.963	24.173	1.211	73.6	1.369	0.000	77.5	49.724	Surcharged
14	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.579	22.743	23.858	1.115	77.5	1.261	0.000	83.4	50.356	Surcharged
16	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.518	22.500	23.790	1.290	117.9	1.846	0.000	155.5	102.991	Surcharged
15	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.626	23.201	24.188	0.987	58.4	1.117	0.000	45.4	26.563	Surcharged
17	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.680	23.330	23.652	0.322	7.7	0.364	0.000	2.2	3.182	Surcharged
18	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.582	23.096	23.560	0.464	6.5	0.524	0.000	4.5	6.735	Surcharged
21	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.582	22.967	23.571	0.604	9.0	0.683	0.000	9.3	14.131	Surcharged
19	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.689	23.339	23.599	0.260	11.8	0.294	0.000	2.1	3.164	Surcharged

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20	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.61 7	23.16 6	23.566	0.400	9.0	0.452	0.000	4.5	6.387	Surcharged
23	SRP Wizard FSR: 100 years: +45 %: 960 mins: Winter	24.72 5	21.05 2	21.198	0.146	25.0	0.000	0.000	25.0	1899.220	OK
22	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.53 6	21.17 1	23.581	2.410	622.9	10.903	0.000	24.9	463.888	Surcharged

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SRP Wizard FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank
By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Cellular Storage	SRP Wizard FSR: 1 years: +0 %: 360 mins: Winter	21.478	21.478	0.278	0.278	23.9	146.866	0.000	0.000	8.4	111.096	86.105	OK
Porous Paving	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	24.957	23.865	0.092	0.015	2.7	11.505	0.000	0.000	2.0	9.429	80.686	OK
Porous Paving (1)	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	24.291	23.218	0.067	0.018	6.0	21.002	0.000	0.000	2.5	21.970	82.338	OK
Porous Paving (2)	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	23.290	22.925	0.087	0.025	2.3	5.161	0.000	0.000	1.5	4.130	82.350	OK
Porous Paving (4)	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	24.410	24.115	0.064	0.015	1.4	1.702	0.000	0.000	1.0	3.142	86.814	OK
Porous Paving (5)	SRP Wizard FSR: 1 years: +0 %: 60 mins: Winter	24.323	24.025	0.078	0.025	5.5	3.811	0.000	0.000	3.8	6.555	82.656	OK
Porous Paving (6)	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	24.389	24.006	0.056	0.006	1.3	3.752	0.000	0.000	0.8	6.105	87.168	OK
Porous Paving (7)	SRP Wizard FSR: 1 years: +0 %: 360 mins: Winter	24.186	23.706	0.032	0.006	1.1	5.770	0.000	0.000	0.3	6.868	89.438	OK
Porous Paving (8)	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	23.210	22.923	0.065	0.023	2.3	3.174	0.000	0.000	1.4	5.126	85.554	OK
Porous Paving (9)	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	23.670	23.419	0.077	0.019	4.6	1.792	0.000	0.000	3.3	3.214	83.801	OK
Porous Paving (10)	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	24.152	23.721	0.067	0.021	4.5	7.377	0.000	0.000	2.4	9.076	82.408	OK
Porous Paving (11)	SRP Wizard FSR: 1 years: +0 %: 960 mins: Winter	24.174	23.058	0.036	0.008	1.1	13.829	0.000	0.000	0.4	19.727	88.108	OK
Porous Paving (12)	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	24.013	23.572	0.067	0.022	4.5	7.187	0.000	0.000	2.6	9.229	82.087	OK

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SRP Wizard FSR: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank
By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Cellular Storage	SRP Wizard FSR: 2 years: +0 %: 360 mins: Winter	21.552	21.552	0.352	0.352	31.4	185.855	0.000	0.000	11.4	147.125	82.416	OK
Porous Paving	SRP Wizard FSR: 2 years: +0 %: 120 mins: Winter	24.976	23.869	0.111	0.019	5.3	12.946	0.000	0.000	3.3	8.810	78.266	OK
Porous Paving (1)	SRP Wizard FSR: 2 years: +0 %: 240 mins: Winter	24.297	23.222	0.073	0.022	7.3	23.414	0.000	0.000	4.1	29.626	80.310	OK
Porous Paving (2)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	23.306	22.931	0.103	0.031	4.4	5.747	0.000	0.000	2.3	3.701	80.347	OK
Porous Paving (4)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	24.415	24.120	0.069	0.020	2.6	1.908	0.000	0.000	1.7	2.993	85.217	OK
Porous Paving (5)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	24.329	24.030	0.084	0.030	6.9	4.185	0.000	0.000	5.4	8.793	80.956	OK
Porous Paving (6)	SRP Wizard FSR: 2 years: +0 %: 120 mins: Winter	24.396	24.008	0.062	0.008	2.7	4.184	0.000	0.000	1.3	5.383	85.692	OK
Porous Paving (7)	SRP Wizard FSR: 2 years: +0 %: 360 mins: Winter	24.193	23.708	0.039	0.008	1.3	6.628	0.000	0.000	0.5	8.623	87.868	OK
Porous Paving (8)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	23.217	22.930	0.072	0.030	4.4	3.564	0.000	0.000	2.3	4.829	83.780	OK
Porous Paving (9)	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	23.677	23.424	0.084	0.024	5.9	2.023	0.000	0.000	5.2	4.421	81.709	OK
Porous Paving (10)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	24.159	23.725	0.074	0.025	8.6	8.254	0.000	0.000	3.8	8.532	80.316	OK
Porous Paving (11)	SRP Wizard FSR: 2 years: +0 %: 480 mins: Winter	24.187	23.059	0.048	0.009	2.1	15.475	0.000	0.000	0.6	15.076	86.693	OK
Porous Paving (12)	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	24.021	23.577	0.075	0.027	8.6	8.049	0.000	0.000	4.1	8.743	79.939	OK

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SRP Wizard FSR: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item:
Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Cellular Storage	SRP Wizard FSR: 30 years: +40 %: 360 mins: Winter	22.481	22.481	1.281	1.281	99.0	676.559	0.000	0.000	21.0	440.958	35.990	OK
Porous Paving	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	25.179	23.891	0.313	0.041	29.6	25.446	0.000	0.000	14.7	17.430	57.282	OK
Porous Paving (1)	SRP Wizard FSR: 30 years: +40 %: 60 mins: Winter	24.345	23.253	0.121	0.053	48.7	44.238	0.000	0.000	21.8	57.994	62.797	OK
Porous Paving (2)	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	23.382	23.123	0.179	0.223	32.1	13.687	0.000	0.000	14.4	10.028	53.194	OK
Porous Paving (4)	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	24.441	24.145	0.095	0.045	9.5	2.925	0.000	0.000	8.9	7.462	77.344	OK
Porous Paving (5)	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	24.372	24.064	0.127	0.064	24.9	7.077	0.000	0.000	22.9	20.639	67.797	OK
Porous Paving (6)	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	24.425	24.020	0.092	0.020	14.8	6.606	0.000	0.000	8.8	10.212	77.411	OK
Porous Paving (7)	SRP Wizard FSR: 30 years: +40 %: 60 mins: Winter	24.232	23.725	0.077	0.025	11.7	11.372	0.000	0.000	4.8	11.566	79.183	OK
Porous Paving (8)	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	23.246	23.191	0.102	0.291	39.3	11.608	0.000	0.000	16.0	11.227	47.178	OK
Porous Paving (9)	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	23.711	23.444	0.119	0.044	24.1	3.043	0.000	0.000	18.5	9.971	72.491	OK
Porous Paving (10)	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	24.196	23.760	0.111	0.060	30.9	14.176	0.000	0.000	19.6	22.716	66.195	OK

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Porous Paving (11)	SRP Wizard FSR: 30 years: +40 %: 120 mins: Winter	24.222	23.079	0.083	0.029	15.0	26.585	0.000	0.000	6.7	29.536	77.140	OK
Porous Paving (12)	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	24.058	23.612	0.112	0.062	30.9	13.747	0.000	0.000	19.9	23.001	65.739	OK

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Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Cellular Storage	SRP Wizard FSR: 100 years: +45 %: 360 mins: Winter	23.157	23.157	1.957	1.957	142.3	1033.403	0.000	0.000	23.3	373.849	2.228	OK
Porous Paving	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	25.394	23.891	0.529	0.041	61.0	28.228	2.863	0.000	14.9	6.194	52.612	Flood
Porous Paving (1)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.362	23.484	0.138	0.284	171.4	60.981	0.000	0.000	54.2	35.454	48.716	OK
Porous Paving (2)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	23.438	23.245	0.235	0.345	53.3	20.519	0.000	0.000	25.2	16.369	29.832	OK
Porous Paving (4)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.450	24.200	0.104	0.100	29.7	3.689	0.000	0.000	16.2	8.343	71.426	OK
Porous Paving (5)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.405	24.168	0.160	0.168	51.2	11.274	0.000	0.000	47.3	21.063	48.699	OK
Porous Paving (6)	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	24.438	24.027	0.105	0.027	20.1	7.837	0.000	0.000	15.0	15.053	73.200	OK
Porous Paving (7)	SRP Wizard FSR: 100 years: +45 %: 60 mins: Winter	24.243	23.733	0.088	0.033	15.9	13.549	0.000	0.000	9.0	18.086	75.198	OK
Porous Paving (8)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	23.297	23.466	0.152	0.566	54.8	19.452	3.920	0.000	28.9	17.938	11.484	Flood
Porous Paving (9)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	23.727	23.485	0.134	0.085	32.4	3.889	0.000	0.000	43.0	13.816	64.838	OK
Porous Paving (10)	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	24.212	23.771	0.126	0.071	41.9	18.474	0.000	0.000	26.1	32.792	55.946	OK

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		Designed by: L Pilsbury	Checked by:	Approved By:			
Report Details: Type: Stormwater Controls Summary Storm Phase: Storm		Company Address:					

Porous Paving (11)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.221	23.319	0.083	0.269	107.7	38.493	0.000	0.000	28.1	20.265	66.900	OK
Porous Paving (12)	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	24.064	23.717	0.118	0.167	63.6	19.823	0.000	0.000	35.9	22.457	50.594	OK

Huyton: SW Drainage	Date: 18/09/2024		
	Designed by: L Pilsbury	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Company Address:		



SRP Wizard FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	1	2	23.851	22.396	0.045	3.424	0.7	0.05	4.8	OK
1.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	2	4	24.078	22.245	0.079	4.975	0.5	0.03	7.2	OK
2.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	3	4	24.597	23.184	0.107	15.804	1.4	0.18	32.6	OK
1.002	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	4	5	24.364	22.060	0.119	21.735	0.8	0.12	30.9	OK
3.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	7	8	24.445	23.088	0.067	3.957	0.8	0.19	7.7	OK
4.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	9	10	24.513	23.166	0.085	4.880	0.7	0.25	10.1	OK
4.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	10	11	24.437	22.999	0.091	7.382	0.9	0.33	13.6	OK
5.000	SRP Wizard FSR: 1 years: +0 %: 60 mins: Winter	Pipe	12	13	24.642	23.189	0.058	6.512	0.4	0.05	3.8	OK
5.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	13	14	24.583	23.053	0.083	8.261	0.8	0.18	12.9	OK
5.002	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	14	16	24.579	22.824	0.079	11.944	0.7	0.15	10.7	OK
6.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	15	16	24.626	23.272	0.070	5.840	1.1	0.21	11.5	OK
7.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	17	18	24.680	23.358	0.027	0.648	0.6	0.07	1.3	OK
7.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	18	21	24.582	23.137	0.031	1.294	0.8	0.06	2.5	OK
8.000	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	19	20	24.689	23.367	0.032	0.648	0.5	0.07	1.3	OK

Huyton: SW Drainage		Date: 18/09/2024			
		Designed by: L Pilsbury	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

8.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	20	21	24.617	23.203	0.036	1.295	0.8	0.12	2.6	OK
3.001	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	8	11	24.435	22.842	0.117	11.154	0.9	0.31	21.9	OK
1.004	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	6	11	24.368	21.809	0.324	24.868	0.9	0.18	77.4	OK
1.003	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	5	6	24.446	21.922	0.181	22.702	0.7	0.13	35.7	OK
1.005	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	11	22	24.384	21.786	0.505	57.237	0.5	0.21	124.5	OK
7.002	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	21	22	24.582	22.989	0.225	2.582	0.1	0.02	5.0	OK
5.003	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	16	22	24.518	22.572	0.328	19.653	0.3	0.09	32.5	OK
1.006	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	22	23	24.536	21.772	0.146	20.254	0.9	0.73	23.8	Surcharged
9.000	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	Pipe	Cellular Storage	22	24.150	21.471	0.285	0.000	0.1	0.06	9.4	OK
PP2	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	Pipe	Porous Paving (2)	1	23.703	22.966	0.033	4.130	0.5	0.06	1.5	OK
PP8	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (8)	1	23.645	22.949	0.035	1.998	0.5	0.05	1.5	OK
PP9	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (9)	1	24.093	23.461	0.033	3.214	1.2	0.04	3.3	OK
PP11	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (11)	1	24.639	23.073	0.029	0.593	0.2	0.02	0.5	OK
PP11A	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (11)	5	24.639	23.073	0.065	0.987	0.1	0.02	0.8	OK
PP	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	Pipe	Porous Paving	2	25.365	23.922	0.027	4.365	0.4	0.02	0.9	OK
PPa	SRP Wizard FSR: 1 years: +0 %: 240 mins: Winter	Pipe	Porous Paving	4	25.365	23.922	0.046	5.064	0.2	0.02	1.1	OK
PP1	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (1)	2	24.724	23.246	0.032	1.641	0.6	0.04	1.5	OK

Huyton: SW Drainage		Date: 18/09/2024			
		Designed by: L Pilsbury	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

PP1A	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (1)	4	24.724	23.246	0.072	1.925	0.2	0.04	1.8	OK
PP7	SRP Wizard FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (7)	2	24.654	23.724	0.027	0.918	0.4	0.01	0.8	OK
PP5	SRP Wizard FSR: 1 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (5)	12	24.745	24.065	0.036	6.555	1.2	0.06	3.8	OK
PP6	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	Porous Paving (6)	5	24.833	24.030	0.066	0.801	0.2	0.01	1.4	OK
PP12	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	Pipe	Porous Paving (12)	6	24.446	23.617	0.051	9.229	0.5	0.05	2.6	OK
PP10	SRP Wizard FSR: 1 years: +0 %: 120 mins: Winter	Pipe	Porous Paving (10)	6	24.585	23.765	0.050	9.076	0.5	0.04	2.4	OK
PP4	SRP Wizard FSR: 1 years: +0 %: 15 mins: Winter	Pipe	Porous Paving (4)	3	24.846	24.139	0.051	0.692	0.5	0.02	1.1	OK

Huyton: SW Drainage	Date: 18/09/2024		
	Designed by: L Pilsbury	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Company Address:		



SRP Wizard FSR: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	1	2	23.851	22.408	0.055	10.069	0.9	0.07	7.6	OK
1.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	2	4	24.078	22.254	0.094	7.189	0.5	0.05	10.4	OK
2.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	3	4	24.597	23.196	0.125	20.646	1.5	0.24	42.4	OK
1.002	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	4	5	24.364	22.082	0.153	29.128	0.9	0.16	42.2	OK
3.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	7	8	24.445	23.099	0.077	5.111	0.8	0.24	10.0	OK
4.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	9	10	24.513	23.178	0.099	6.302	0.8	0.32	13.0	OK
4.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	10	11	24.437	23.014	0.106	9.539	1.0	0.43	17.8	OK
5.000	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	12	13	24.642	23.198	0.073	6.250	0.5	0.08	5.6	OK
5.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	13	14	24.583	23.068	0.098	11.368	0.9	0.24	17.2	OK
5.002	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	14	16	24.579	22.837	0.091	16.005	0.8	0.2	14.2	OK
6.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	15	16	24.626	23.283	0.081	7.548	1.2	0.27	14.9	OK
7.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	17	18	24.680	23.362	0.031	0.836	0.6	0.09	1.7	OK
7.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	18	21	24.582	23.143	0.036	1.671	0.8	0.08	3.3	OK
8.000	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	19	20	24.689	23.371	0.037	0.837	0.5	0.1	1.7	OK

Huyton: SW Drainage		Date: 18/09/2024			
		Designed by: L Pilsbury	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

8.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	20	21	24.617	23.208	0.041	1.671	0.8	0.16	3.3	OK
3.001	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	8	11	24.435	22.862	0.135	14.419	0.9	0.4	28.5	OK
1.004	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	6	11	24.368	21.866	0.392	34.291	1.0	0.29	122.9	OK
1.003	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	5	6	24.446	21.973	0.235	30.458	0.7	0.25	67.8	OK
1.005	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	11	22	24.384	21.866	0.589	76.077	0.7	0.3	177.8	OK
7.002	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	21	22	24.582	22.992	0.225	3.336	0.2	0.03	6.5	OK
5.003	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	16	22	24.518	22.585	0.375	26.125	0.4	0.12	43.2	OK
1.006	SRP Wizard FSR: 2 years: +0 %: 15 mins: Summer	Pipe	22	23	24.536	21.816	0.148	21.497	0.9	0.74	24.2	Surchar
9.000	SRP Wizard FSR: 2 years: +0 %: 240 mins: Winter	Pipe	Cellular Storage	22	24.150	21.547	0.361	0.000	0.1	0.08	12.8	OK
PP2	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (2)	1	23.703	22.973	0.041	3.701	0.6	0.09	2.3	OK
PP8	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (8)	1	23.645	22.961	0.041	4.829	0.6	0.08	2.3	OK
PP9	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (9)	1	24.093	23.469	0.041	4.421	1.3	0.06	5.2	OK
PP11	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (11)	1	24.639	23.079	0.036	0.784	0.2	0.02	0.7	OK
PP11A	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (11)	5	24.639	23.079	0.075	1.303	0.1	0.02	1.1	OK
PP	SRP Wizard FSR: 2 years: +0 %: 120 mins: Winter	Pipe	Porous Paving	2	25.365	23.931	0.034	4.060	0.5	0.03	1.5	OK
PPa	SRP Wizard FSR: 2 years: +0 %: 120 mins: Winter	Pipe	Porous Paving	4	25.365	23.931	0.055	4.750	0.3	0.04	1.8	OK
PP1	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (1)	2	24.724	23.258	0.038	2.562	0.6	0.05	2.1	OK

Huyton: SW Drainage		Date: 18/09/2024			
		Designed by: L Pilsbury	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

PP1A	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (1)	4	24.724	23.258	0.084	2.988	0.2	0.06	2.5	OK
PP7	SRP Wizard FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Porous Paving (7)	2	24.654	23.730	0.033	1.202	0.4	0.02	1.2	OK
PP5	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (5)	12	24.745	24.071	0.043	8.793	1.3	0.09	5.4	OK
PP6	SRP Wizard FSR: 2 years: +0 %: 15 mins: Winter	Pipe	Porous Paving (6)	5	24.833	24.038	0.091	1.047	0.2	0.01	1.9	OK
PP12	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (12)	6	24.446	23.625	0.068	8.743	0.6	0.07	4.1	OK
PP10	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (10)	6	24.585	23.773	0.067	8.532	0.6	0.07	3.8	OK
PP4	SRP Wizard FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Porous Paving (4)	3	24.846	24.156	0.043	2.993	0.6	0.04	1.7	OK

Huyton: SW Drainage	Date: 18/09/2024		
	Designed by: L Pilsbury	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Company Address:		



SRP Wizard FSR: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	1	2	23.851	23.385	0.300	21.507	1.2	0.61	61.6	Surcharged
1.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	2	4	24.078	23.218	0.375	38.336	1.1	0.38	86.0	Surcharged
2.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	3	4	24.597	23.873	0.300	56.929	1.5	0.61	109.4	Surcharged
1.002	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	4	5	24.364	23.291	0.525	105.509	0.9	0.6	156.4	Surcharged
3.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	7	8	24.445	23.154	0.162	12.164	0.9	0.66	27.0	OK
4.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	9	10	24.513	23.251	0.200	14.978	0.9	0.82	33.2	OK
4.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	10	11	24.437	23.143	0.225	22.754	1.1	1.02	42.0	Surcharged
5.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	12	13	24.642	23.261	0.169	14.961	0.6	0.34	24.4	OK
5.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	13	14	24.583	23.181	0.243	35.218	1.0	0.82	58.5	OK
5.002	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	14	16	24.579	23.011	0.300	35.829	1.2	1.02	72.7	OK
6.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	15	16	24.626	23.347	0.165	17.469	1.2	0.7	38.9	OK

Huyton: SW Drainage				Date: 18/09/2024											
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Report Details: Type: Connections Summary Storm Phase: Storm				Company Address:											

7.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	17	18	24.680	23.384	0.052	2.221	0.8	0.25	4.6	OK
7.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	18	21	24.582	23.172	0.070	4.465	0.9	0.22	9.2	OK
8.000	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	19	20	24.689	23.392	0.063	2.229	0.7	0.26	4.7	OK
8.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	20	21	24.617	23.240	0.071	4.453	1.1	0.43	9.0	OK
3.001	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	8	11	24.435	22.986	0.289	34.254	1.0	1.02	73.0	OK
1.004	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	6	11	24.368	23.186	0.525	137.482	1.1	0.57	244.1	Surcharged
1.003	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	5	6	24.446	23.221	0.525	113.891	1.1	0.72	197.7	Surcharged
1.005	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	11	22	24.384	23.181	0.600	243.898	1.2	0.58	345.8	Surcharged
7.002	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	21	22	24.582	23.007	0.225	7.937	0.4	0.08	17.0	OK
5.003	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	16	22	24.518	23.264	0.375	75.165	1.0	0.3	109.4	Surcharged
1.006	SRP Wizard FSR: 30 years: +40 %: 960 mins: Winter	Pipe	22	23	24.536	22.288	0.152	1440.030	0.9	0.77	25.0	Surcharged
9.000	SRP Wizard FSR: 30 years: +40 %: 240 mins: Winter	Pipe	Cellular Storage	22	24.150	22.479	0.450	0.000	0.1	0.14	21.1	Surcharged
PP2	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	Porous Paving (2)	1	23.703	23.052	0.150	5.197	1.0	0.57	14.6	Surcharged
PP8	SRP Wizard FSR: 30 years: +40 %: 15 mins: Summer	Pipe	Porous Paving (8)	1	23.645	23.069	0.150	6.947	1.1	0.69	18.9	Surcharged

Huyton: SW Drainage		Date: 18/09/2024			
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Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

PP9	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Porous Paving (9)	1	24.093	23.504	0.150	9.971	1.2	0.2	18.5	OK
PP11	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Porous Paving (11)	1	24.639	23.122	0.150	0.746	0.8	0.47	14.1	OK
PP11A	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Porous Paving (11)	5	24.639	23.122	0.150	3.768	1.5	0.55	25.7	OK
PP	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Porous Paving	2	25.365	24.009	0.150	8.316	1.1	0.16	7.1	Surcharged
PPa	SRP Wizard FSR: 30 years: +40 %: 60 mins: Winter	Pipe	Porous Paving	4	25.365	24.007	0.143	13.915	0.5	0.18	8.0	Surcharged
PP1	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Porous Paving (1)	2	24.724	23.317	0.150	8.626	1.2	0.52	20.8	OK
PP1A	SRP Wizard FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Porous Paving (1)	4	24.724	23.317	0.150	9.155	1.2	0.52	21.3	OK
PP7	SRP Wizard FSR: 30 years: +40 %: 120 mins: Winter	Pipe	Porous Paving (7)	2	24.654	23.776	0.088	16.338	0.7	0.06	4.9	OK
PP5	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Porous Paving (5)	12	24.745	24.120	0.089	20.639	2.1	0.37	22.9	OK
PP6	SRP Wizard FSR: 30 years: +40 %: 60 mins: Winter	Pipe	Porous Paving (6)	5	24.833	24.083	0.150	14.027	0.5	0.06	8.8	OK
PP12	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Porous Paving (12)	6	24.446	23.677	0.150	23.001	1.1	0.36	19.9	OK
PP10	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Porous Paving (10)	6	24.585	23.826	0.150	22.716	1.1	0.34	19.6	OK
PP4	SRP Wizard FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Porous Paving (4)	3	24.846	24.185	0.094	7.462	0.9	0.2	8.9	OK

Huyton: SW Drainage	Date: 18/09/2024		
	Designed by: L Pilsbury	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Company Address:		



SRP Wizard FSR: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	1	2	23.851	23.491	0.300	35.298	1.3	0.71	72.1	Surcharged
1.001	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	2	4	24.078	23.572	0.375	56.681	1.2	0.53	120.1	Surcharged
2.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	3	4	24.597	24.194	0.300	68.551	1.9	0.76	136.2	Surcharged
1.002	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	4	5	24.364	23.613	0.525	148.839	0.9	0.69	181.9	Surcharged
3.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	7	8	24.445	24.047	0.225	18.341	0.9	0.85	34.7	Surcharged
4.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	9	10	24.513	24.275	0.225	22.540	1.0	0.95	38.3	Surcharged
4.001	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	10	11	24.437	24.084	0.225	34.318	1.4	1.34	54.8	Surcharged
5.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	12	13	24.642	23.458	0.300	18.658	0.8	0.77	55.2	Surcharged
5.001	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	13	14	24.583	24.173	0.300	48.295	1.1	1.09	77.5	Surcharged
5.002	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	14	16	24.579	23.858	0.300	49.090	1.2	1.17	83.4	Surcharged
6.000	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	15	16	24.626	24.188	0.225	26.563	1.1	0.82	45.4	Surcharged

Huyton: SW Drainage		Date: 18/09/2024						
		Designed by: L Pilsbury	Checked by:	Approved By:				
Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:						

7.000	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	17	18	24.680	23.381	0.050	3.939	0.8	0.24	4.3	OK
7.001	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	18	21	24.582	23.170	0.057	7.878	1.1	0.21	8.5	OK
8.000	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	19	20	24.689	23.389	0.061	3.940	0.6	0.24	4.3	OK
8.001	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	20	21	24.617	23.237	0.069	7.877	1.1	0.4	8.5	OK
3.001	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	8	11	24.435	23.864	0.300	51.688	1.4	1.41	100.5	Surcharged
1.004	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	6	11	24.368	23.637	0.525	191.538	1.4	0.7	297.9	Surcharged
1.003	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	5	6	24.446	23.610	0.525	159.590	1.0	0.82	223.8	Surcharged
1.005	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	11	22	24.384	22.813	0.600	499.236	1.6	0.78	465.3	Surcharged
7.002	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	21	22	24.582	23.007	0.225	15.744	0.4	0.08	17.1	OK
5.003	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	16	22	24.518	23.790	0.375	101.945	1.4	0.43	155.5	Surcharged
1.006	SRP Wizard FSR: 100 years: +45 %: 960 mins: Winter	Pipe	22	23	24.536	22.968	0.152	1899.220	0.9	0.77	25.0	Surcharged
9.000	SRP Wizard FSR: 100 years: +45 %: 360 mins: Summer	Pipe	Cellular Storage	22	24.150	22.906	0.450	0.000	0.2	0.16	24.0	Surcharged
PP2	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Porous Paving (2)	1	23.703	23.135	0.150	8.111	1.4	0.99	25.4	Surcharged
PP8	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (8)	1	23.645	23.422	0.150	10.871	1.6	1.05	28.9	Flood

Huyton: SW Drainage		Date: 18/09/2024			
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Report Details: Type: Connections Summary Storm Phase: Storm		Company Address:			

PP9	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (9)	1	24.093	23.533	0.150	13.816	2.4	0.47	43.0	OK
PP11	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Porous Paving (11)	1	24.639	23.159	0.150	1.160	0.7	0.38	11.5	OK
PP11A	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Porous Paving (11)	5	24.639	23.159	0.150	5.086	1.3	0.48	22.6	OK
PP	SRP Wizard FSR: 100 years: +45 %: 60 mins: Summer	Pipe	Porous Paving	2	25.365	24.352	0.150	16.688	0.6	0.18	8.0	Flood
PPa	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	Porous Paving	4	25.365	24.355	0.150	13.326	0.5	0.18	8.3	Flood
PP1	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (1)	2	24.724	23.390	0.150	13.326	1.5	0.67	26.7	Surcharged
PP1A	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (1)	4	24.724	23.390	0.150	13.863	1.6	0.67	27.5	Surcharged
PP7	SRP Wizard FSR: 100 years: +45 %: 60 mins: Winter	Pipe	Porous Paving (7)	2	24.654	23.792	0.150	18.086	0.5	0.12	9.0	OK
PP5	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Porous Paving (5)	12	24.745	24.151	0.150	18.299	2.9	0.82	50.5	Surcharged
PP6	SRP Wizard FSR: 100 years: +45 %: 30 mins: Winter	Pipe	Porous Paving (6)	5	24.833	24.100	0.150	15.053	0.8	0.1	15.0	OK
PP12	SRP Wizard FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Porous Paving (12)	6	24.446	23.708	0.150	19.198	2.1	0.67	37.3	Surcharged
PP10	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (10)	6	24.585	23.858	0.150	21.741	1.5	0.47	27.1	Surcharged
PP4	SRP Wizard FSR: 100 years: +45 %: 15 mins: Winter	Pipe	Porous Paving (4)	3	24.846	24.208	0.150	7.541	1.1	0.36	16.2	OK



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