

Node 222 to 225 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	22.800	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	53.770	Length (m)	22.800	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	236	Slope (1:X)	1000.0		

Node 235 to 236 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	20.220	Depth (m)	0.300
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	52.600	Length (m)	20.220	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	21	Slope (1:X)	1000.0		

Node 237 to 240 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	21.510	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	52.786	Length (m)	21.510	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	164	Slope (1:X)	1000.0		

Node 255 to 258 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	20.350	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	53.645	Length (m)	20.350	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	172	Slope (1:X)	1000.0		

Node 281 to 268 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	26.700	Depth (m)	0.700
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	55.460	Length (m)	26.700	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)		Slope (1:X)	1000.0		

Node 285 to 287 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	14.500	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	57.270	Length (m)	14.500	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	7	Slope (1:X)	1000.0		

Node 300 to 301 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	14.600	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	56.665	Length (m)	14.600	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	114	Slope (1:X)	1000.0		

Node 302 to 305 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	23.300	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	55.870	Length (m)	23.300	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	240	Slope (1:X)	1000.0		

Node 252 to 254 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	19.740	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	53.240	Length (m)	19.740	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	194	Slope (1:X)	1000.0		

Node 227 to 228 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	13.000	Depth (m)	0.500
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	52.040	Length (m)	13.000	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	39	Slope (1:X)	1000.0		

Node 264 to 266 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	16.800	Depth (m)	0.700
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	54.570	Length (m)	16.800	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	184	Slope (1:X)	1000.0		

Node 325 to 357 Car Park Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	16.530	Depth (m)	0.400
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	54.470	Length (m)	16.530	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)	19	Slope (1:X)	1000.0		

Node ATT TANK 1 Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Pit Width (m)	4.500	Inf Depth (m)	
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	53.275	Pit Length (m)	34.000	Number Required	1
Safety Factor	1.0	Time to half empty (mins)	50	Depth (m)	1.200		

Node ATT TANK 2 Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Pit Width (m)	13.500	Inf Depth (m)	
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	53.100	Pit Length (m)	13.000	Number Required	1
Safety Factor	1.0	Time to half empty (mins)		Depth (m)	1.200		

Node PP 218 to 221, 229 to 234, 320 to 323 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Width (m)	25.700	Depth (m)	0.600
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	54.300	Length (m)	25.700	Inf Depth (m)	
Safety Factor	1.0	Time to half empty (mins)		Slope (1:X)	1000.0		

Node 281 to 268 Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Pit Width (m)	5.000	Inf Depth (m)	
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	55.475	Pit Length (m)	12.000	Number Required	1
Safety Factor	1.0	Time to half empty (mins)		Depth (m)	0.450		

Node 285 to 287 Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Pit Width (m)	1.000	Inf Depth (m)	
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	56.470	Pit Length (m)	25.000	Number Required	1
Safety Factor	1.0	Time to half empty (mins)	61	Depth (m)	0.800		

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S8.	22	56.566	0.411	6.9	0.5077	0.0000	SURCHARGED
15 minute summer	S9.	11	55.928	0.053	11.1	0.0684	0.0000	OK
15 minute summer	S10.	10	54.889	0.089	31.2	0.1352	0.0000	OK
15 minute summer	S11.	10	54.599	0.124	37.2	0.1547	0.0000	OK
15 minute summer	S12.	11	54.243	0.068	36.8	0.0767	0.0000	OK
15 minute summer	S13A.	11	53.443	0.173	58.1	0.2565	0.0000	OK
15 minute summer	S13.	11	53.470	0.270	50.6	0.3432	0.0000	OK
480 minute summer	S15.	344	55.481	0.118	1.5	0.1338	0.0000	OK
360 minute summer	S16.	280	55.427	0.021	1.0	0.0233	0.0000	OK
480 minute summer	S17.	336	54.849	0.012	1.0	0.0135	0.0000	OK
120 minute summer	EX-SW8	90	54.672	0.272	8.5	0.4518	0.0000	SURCHARGED
15 minute summer	EX-SW9	11	54.327	0.217	15.7	0.2925	0.0000	OK
15 minute summer	EX-SW10	11	54.215	0.105	33.0	0.1575	0.0000	OK
15 minute summer	EX-SW11	11	52.666	0.156	67.1	0.4102	0.0000	OK
15 minute summer	EX-SW12	13	52.636	0.236	86.7	0.6558	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S8.	1.001	S9.	3.3	0.833	0.067	0.1623	
15 minute summer	S9.	1.002	S10.	11.0	1.575	0.118	0.2169	
15 minute summer	S10.	1.003	S11.	31.1	1.390	0.181	0.3090	
15 minute summer	S11.	1.004	S12.	36.8	1.903	0.294	0.4673	
15 minute summer	S12.	1.005	S13.	36.8	1.337	0.073	0.7581	
15 minute summer	S13A.	2.000	S13.	-30.9	0.948	-0.235	0.2720	
15 minute summer	S13.	1.007_1	S14.	41.1	0.867	0.180	2.2647	
480 minute summer	S15.	3.000	S16.	1.0	0.395	0.137	0.0544	
360 minute summer	S16.	3.001	S17.	1.0	0.937	0.033	0.0232	
480 minute summer	S17.	3.002	EX-SW9	1.0	0.210	0.013	0.0364	
120 minute summer	EX-SW8	4.000	EX-SW9	2.5	0.270	0.100	0.1462	
15 minute summer	EX-SW9	3.003	EX-SW10	15.3	0.579	1.143	1.3822	
15 minute summer	EX-SW10	3.004	EX-SW11	33.1	1.713	0.200	0.3216	
15 minute summer	EX-SW11	1.007	EX-SW12	68.4	0.719	0.038	6.3041	
15 minute summer	EX-SW12	3.000_1	EX-SLUICE GATE	87.2	0.558	0.024	4.8265	

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer S1.		10	56.715	0.065	13.1	0.1079	0.0000	OK
15 minute summer S2.		11	55.662	0.091	24.8	0.1248	0.0000	OK
240 minute summer S3A.		164	55.728	0.028	1.2	0.0318	0.0000	OK
15 minute summer S3.		11	55.494	0.082	24.8	0.0923	0.0000	OK
15 minute summer S4.		11	54.509	0.079	36.3	0.1081	0.0000	OK
15 minute summer S5.		11	53.321	0.121	51.2	0.1616	0.0000	OK
15 minute summer EX-SW1		1	52.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer EX-SW2		1	52.250	0.000	0.0	0.0000	0.0000	OK
15 minute summer EX-SW3		14	52.243	0.033	2.0	0.0843	0.0000	OK
15 minute summer EX-SW4		14	52.239	0.129	8.9	0.3284	0.0000	OK
15 minute summer EX-SW5		14	52.239	0.229	16.4	0.5821	0.0000	OK
30 minute summer EX-SW6		21	52.238	0.228	84.5	0.5798	0.0000	OK
30 minute summer EX-SW7		22	51.891	0.201	85.4	0.5128	0.0000	OK
30 minute summer EX HEADWALL / PROPOSED CHAMBER		22	51.841	0.151	102.1	0.2159	0.0000	OK
15 minute summer S19B.		10	53.925	0.036	3.3	0.0433	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer S1.		5.000	S2.	12.6	1.041	0.182	0.7449	
15 minute summer S2.		5.001	S3.	24.6	1.763	0.259	0.0672	
240 minute summer S3A.		6.000	S3.	1.2	0.552	0.077	0.1339	
15 minute summer S3.		5.002	S4.	24.8	1.641	0.157	0.7390	
15 minute summer S4.		5.003	S5.	36.4	1.729	0.099	0.8822	
15 minute summer S5.		6.005	S5A.	51.4	1.702	0.170	0.6150	
15 minute summer EX-SW1		7.000	EX-SW2	0.0	0.000	0.000	0.0001	
15 minute summer EX-SW2		7.001	EX-SW3	0.0	0.000	0.000	0.1147	
15 minute summer EX-SW3		7.002	EX-SW4	-2.0	-0.097	-0.003	0.8157	
15 minute summer EX-SW4		7.003	EX-SW5	-8.6	-0.237	-0.009	1.3953	
15 minute summer EX-SW5		5.005	EX-SW6	18.6	0.373	0.015	0.8588	
30 minute summer EX-SW6		1.009	EX-SW7	85.4	1.081	0.046	3.8846	
30 minute summer EX-SW7		1.006_1	EX HEADWALL / PROPOSED CHAMBER	84.3	1.098	0.069	0.6092	
30 minute summer EX HEADWALL / PROPOSED CHAMBER		14.000	dummy outlet	101.6	1.634	0.046	0.4592	221.4
15 minute summer S19B.		8.000	S19A.	3.3	0.653	0.125	0.0939	

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S19A.	10	53.554	0.062	10.8	0.0805	0.0000	OK
240 minute summer	S18.	168	53.185	0.086	1.4	0.0975	0.0000	OK
15 minute summer	S19.	11	53.134	0.078	18.4	0.1013	0.0000	OK
120 minute summer	S20.	76	52.812	0.527	11.0	0.5956	0.0000	SURCHARGED
15 minute summer	EX-SLUICE GATE	13	52.640	0.415	96.1	1.1101	0.0000	OK
240 minute summer	S28.	156	52.681	0.021	1.6	0.0239	0.0000	OK
15 minute summer	S22.	1	53.527	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S23.	11	52.381	0.069	9.1	0.0890	0.0000	OK
15 minute summer	S24.	11	52.196	0.077	9.0	0.0868	0.0000	OK
15 minute summer	S25.	13	52.088	0.099	10.2	0.1125	0.0000	OK
15 minute summer	S26.	13	52.082	0.282	13.5	0.9876	0.0000	OK
30 minute summer	227 to 228	23	52.086	0.146	6.4	2.0150	0.0000	OK
240 minute summer	222 to 225	156	53.858	0.088	5.6	12.0765	0.0000	OK
120 minute summer	235 to 236	72	52.631	0.031	3.5	2.5669	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S19A.	8.001	S19.	10.6	1.005	0.170	0.3199	
240 minute summer	S18.	9.000	S19.	1.4	0.419	0.186	0.1791	
15 minute summer	S19.	11.002	S20.	18.3	1.206	0.152	2.6150	
120 minute summer	S20.	11.003	S21.	7.5	0.219	0.076	2.5922	
15 minute summer	EX-SLUICE GATE	3.001_1	EX-SW6	77.2	1.082	0.399	0.2973	
240 minute summer	S28.	10.001	S23.	1.6	0.611	0.018	0.0446	
15 minute summer	S22.	11.000	S23.	0.0	0.000	0.000	0.1499	
15 minute summer	S23.	10.002	S24.	9.0	0.818	0.199	0.2806	
15 minute summer	S24.	10.003	S25.	9.0	0.765	0.239	0.3307	
15 minute summer	S25.	10.004	S26.	9.7	0.456	0.242	0.8976	
15 minute summer	S26.	10.005	EX HEADWALL / PROPOSED CHAMBER	8.7	0.470	0.104	0.4407	
30 minute summer	227 to 228	17.000	S25.	3.1	0.274	0.176	0.2754	
240 minute summer	222 to 225	16.000	S28.	1.6	1.587	0.012	0.0021	
120 minute summer	235 to 236	18.000	S26.	2.0	1.022	0.185	0.0040	

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	237 to 240	12	52.815	0.029	16.1	2.5902	0.0000	OK
240 minute summer	255 to 258	160	53.746	0.101	5.2	11.2295	0.0000	OK
480 minute summer	281 to 268	336	55.569	0.109	5.2	25.8732	0.0000	OK
30 minute summer	285 to 287	23	56.566	0.096	6.7	2.2842	0.0000	OK
180 minute summer	300 to 301	116	56.754	0.089	3.0	5.2160	0.0000	OK
240 minute summer	302 to 305	164	55.963	0.093	5.4	13.1792	0.0000	OK
240 minute summer	252 to 254	160	53.341	0.101	4.9	10.7281	0.0000	OK
30 minute summer	dummy outlet	22	51.728	0.128	101.6	0.0000	0.0000	OK
120 minute summer	264 to 266	80	54.645	0.075	5.5	5.6298	0.0000	OK
30 minute summer	325 to 357 Car Park	21	54.512	0.042	9.5	2.7714	0.0000	OK
120 minute summer	S21.	76	52.808	0.808	12.0	2.0560	0.0000	SURCHARGED
15 minute summer	S6.	11	53.347	0.847	35.9	3.0534	0.0000	SURCHARGED
15 minute summer	S14.	11	53.470	0.570	49.3	4.0981	0.0000	SURCHARGED
30 minute summer	ATT TANK 1	24	53.391	0.116	50.0	16.9106	0.0000	OK
180 minute summer	ATT TANK 2	124	53.246	0.146	18.0	24.3829	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	237 to 240	14.000_1	S21.	11.9	2.365	0.038	0.0428	
240 minute summer	255 to 258	12.000	S18.	1.4	0.280	0.026	0.0339	
480 minute summer	281 to 268	4.000_1	S15.	1.5	0.199	0.039	0.0162	
30 minute summer	285 to 287	1.000	S8A	4.3	0.577	0.200	0.2153	
180 minute summer	300 to 301	6.000_1	S1.	1.0	0.493	0.066	0.0064	
240 minute summer	302 to 305	7.000_1	S3A.	1.2	0.753	0.023	0.0033	
240 minute summer	252 to 254	13.000	S20.	1.3	0.516	0.047	0.3980	
120 minute summer	264 to 266	5.000_1	EX-SW8	7.7	0.539	0.147	0.0264	
30 minute summer	325 to 357 Car Park	2.000_1	S13A.	5.3	1.042	0.076	0.1605	
120 minute summer	S21.	11.004	EX HEADWALL / PROPOSED CHAMBER	10.4	0.653	0.059	0.2397	
15 minute summer	S6.	5.004	EX-SW5	8.6	0.806	0.079	0.8458	
15 minute summer	S14.	1.006	EX-SW11	26.2	1.072	0.126	1.1492	
30 minute summer	ATT TANK 1	3.000_2	S13A.	-50.0	-2.955	-1.367	0.0212	
180 minute summer	ATT TANK 2	8.000_1	S5B.	-18.0	-1.392	-0.230	0.0712	

Results for 2 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S5B.	11	53.256	0.166	55.4	0.1878	0.0000	OK
15 minute summer	S5A.	11	53.361	0.361	59.3	0.5164	0.0000	OK
240 minute summer	PP 218 to 221, 229 to 234, 320 to 323	152	54.411	0.111	9.0	19.5730	0.0000	OK
30 minute summer	S8A	23	56.569	0.119	4.5	0.1342	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S5B.	8.001_1	S5A.	-55.4	-0.892	-0.781	0.8456	
15 minute summer	S5A.	6.006	S6.	26.3	0.513	0.077	1.8936	
240 minute summer	PP 218 to 221, 229 to 234, 320 to 323	10.000	EX-SW4	3.0	0.544	0.017	0.1971	
30 minute summer	S8A	1.001_1	S8.	3.7	0.448	0.072	0.5918	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S8.	58	57.054	0.899	7.3	1.1114	0.0000	SURCHARGED
15 minute summer	S9.	10	55.956	0.081	26.5	0.1053	0.0000	OK
15 minute summer	S10.	10	54.970	0.170	85.5	0.2588	0.0000	OK
15 minute summer	S11.	10	54.711	0.236	102.6	0.2943	0.0000	OK
15 minute summer	S12.	10	54.288	0.113	101.8	0.1273	0.0000	OK
15 minute summer	S13A.	12	54.004	0.734	194.7	1.0904	0.0000	SURCHARGED
15 minute summer	S13.	12	54.106	0.906	135.3	1.1506	0.0000	SURCHARGED
240 minute winter	S15.	240	55.489	0.127	3.0	0.1431	0.0000	OK
240 minute winter	S16.	224	55.431	0.025	1.5	0.0282	0.0000	OK
240 minute winter	S17.	232	54.851	0.014	1.4	0.0162	0.0000	OK
60 minute winter	EX-SW8	58	54.849	0.449	16.0	0.7457	0.0000	SURCHARGED
15 minute summer	EX-SW9	11	54.584	0.474	39.4	0.6405	0.0000	SURCHARGED
15 minute summer	EX-SW10	11	54.264	0.154	90.1	0.2318	0.0000	OK
15 minute summer	EX-SW11	13	52.947	0.437	150.8	1.1499	0.0000	OK
15 minute summer	EX-SW12	14	52.944	0.544	178.9	1.5146	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S8.	1.001	S9.	3.3	0.835	0.067	0.1996	
15 minute summer	S9.	1.002	S10.	26.4	1.914	0.281	0.4476	
15 minute summer	S10.	1.003	S11.	84.9	1.674	0.496	0.6923	
15 minute summer	S11.	1.004	S12.	101.8	2.406	0.814	0.9926	
15 minute summer	S12.	1.005	S13.	101.5	1.397	0.201	1.0622	
15 minute summer	S13A.	2.000	S13.	-109.7	-1.558	-0.833	0.3521	
15 minute summer	S13.	1.007_1	S14.	43.8	0.984	0.192	2.5578	
240 minute winter	S15.	3.000	S16.	1.5	0.463	0.205	0.0708	
240 minute winter	S16.	3.001	S17.	1.4	1.053	0.050	0.0306	
240 minute winter	S17.	3.002	EX-SW9	1.4	0.261	0.019	0.0376	
60 minute winter	EX-SW8	4.000	EX-SW9	3.4	0.323	0.133	0.1509	
15 minute summer	EX-SW9	3.003	EX-SW10	38.6	1.030	2.882	1.8252	
15 minute summer	EX-SW10	3.004	EX-SW11	89.9	2.627	0.542	0.4948	
15 minute summer	EX-SW11	1.007	EX-SW12	125.9	0.717	0.071	23.6599	
15 minute summer	EX-SW12	3.000_1	EX-SLUICE GATE	161.2	0.563	0.044	11.8159	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer S1.		10	56.766	0.116	37.9	0.1939	0.0000	OK
15 minute summer S2.		10	55.764	0.193	72.5	0.2650	0.0000	OK
180 minute summer S3A.		192	55.735	0.035	1.8	0.0390	0.0000	OK
15 minute summer S3.		11	55.560	0.148	72.1	0.1674	0.0000	OK
15 minute summer S4.		11	54.567	0.137	105.8	0.1869	0.0000	OK
15 minute summer S5.		11	53.956	0.756	149.1	1.0090	0.0000	SURCHARGED
15 minute summer EX-SW1		1	52.400	0.000	0.0	0.0000	0.0000	OK
60 minute summer EX-SW2		38	52.285	0.035	1.3	0.0898	0.0000	OK
15 minute summer EX-SW3		12	52.287	0.077	6.5	0.1959	0.0000	OK
30 minute summer EX-SW4		20	52.284	0.174	9.8	0.4423	0.0000	OK
30 minute summer EX-SW5		24	52.284	0.274	19.8	0.6967	0.0000	OK
15 minute summer EX-SW6		13	52.284	0.274	152.0	0.6963	0.0000	OK
30 minute summer EX-SW7		21	51.951	0.261	151.0	0.6644	0.0000	OK
15 minute summer EX HEADWALL / PROPOSED CHAMBER		14	51.892	0.202	173.6	0.2888	0.0000	OK
15 minute summer S19B.		10	53.952	0.063	9.6	0.0756	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer S1.		5.000	S2.	37.1	1.275	0.535	1.7370	
15 minute summer S2.		5.001	S3.	71.1	2.210	0.749	0.1535	
180 minute summer S3A.		6.000	S3.	1.8	0.630	0.113	0.2363	
15 minute summer S3.		5.002	S4.	72.5	2.203	0.459	1.6071	
15 minute summer S4.		5.003	S5.	106.2	1.712	0.291	2.7177	
15 minute summer S5.		6.005	S5A.	145.4	1.645	0.481	0.9716	
15 minute summer EX-SW1		7.000	EX-SW2	0.0	0.000	0.000	0.1125	
60 minute summer EX-SW2		7.001	EX-SW3	-1.3	-0.123	-0.003	0.5020	
15 minute summer EX-SW3		7.002	EX-SW4	-6.5	-0.195	-0.009	1.4300	
30 minute summer EX-SW4		7.003	EX-SW5	10.2	-0.237	0.011	1.8835	
30 minute summer EX-SW5		5.005	EX-SW6	24.4	0.427	0.020	1.1680	
15 minute summer EX-SW6		1.009	EX-SW7	149.6	1.277	0.081	5.7448	
30 minute summer EX-SW7		1.006_1	EX HEADWALL / PROPOSED CHAMBER	149.3	1.278	0.122	0.9280	
15 minute summer EX HEADWALL / PROPOSED CHAMBER		14.000	dummy outlet	173.8	1.871	0.079	0.6851	503.6
15 minute summer S19B.		8.000	S19A.	9.5	0.885	0.365	0.1970	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S19A.	10	53.606	0.114	31.2	0.1468	0.0000	OK
15 minute summer	S18.	11	53.208	0.109	2.1	0.1230	0.0000	OK
15 minute summer	S19.	11	53.198	0.142	53.4	0.1830	0.0000	OK
60 minute winter	S20.	58	53.050	0.765	28.6	0.8647	0.0000	SURCHARGED
30 minute summer	EX-SLUICE GATE	22	52.951	0.726	159.6	1.9439	0.0000	SURCHARGED
180 minute summer	S28.	132	52.687	0.027	2.8	0.0309	0.0000	OK
15 minute summer	S22.	1	53.527	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S23.	10	52.441	0.129	26.7	0.1670	0.0000	OK
30 minute summer	S24.	21	52.421	0.302	25.2	0.3417	0.0000	SURCHARGED
30 minute summer	S25.	21	52.394	0.405	21.3	0.4576	0.0000	SURCHARGED
30 minute summer	S26.	21	52.392	0.592	17.7	2.0707	0.0000	SURCHARGED
60 minute summer	227 to 228	49	52.375	0.435	22.9	16.6907	0.0000	SURCHARGED
180 minute summer	222 to 225	132	53.977	0.207	15.5	30.7014	0.0000	SURCHARGED
30 minute summer	235 to 236	22	52.666	0.066	18.5	6.8419	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S19A.	8.001	S19.	31.0	1.374	0.495	0.6905	
15 minute summer	S18.	9.000	S19.	2.3	0.504	0.299	0.5264	
15 minute summer	S19.	11.002	S20.	53.3	1.370	0.443	3.4028	
60 minute winter	S20.	11.003	S21.	27.7	0.393	0.284	2.5922	
30 minute summer	EX-SLUICE GATE	3.001_1	EX-SW6	135.1	1.296	0.699	0.4337	
180 minute summer	S28.	10.001	S23.	2.8	0.771	0.031	0.0823	
15 minute summer	S22.	11.000	S23.	0.0	0.000	0.000	0.3073	
15 minute summer	S23.	10.002	S24.	26.8	1.058	0.592	0.7895	
30 minute summer	S24.	10.003	S25.	21.3	0.767	0.569	0.9839	
30 minute summer	S25.	10.004	S26.	8.9	0.478	0.223	1.2597	
30 minute summer	S26.	10.005	EX HEADWALL / PROPOSED CHAMBER	13.0	0.559	0.155	0.6571	
60 minute summer	227 to 228	17.000	S25.	-11.5	-0.652	-0.650	0.3382	
180 minute summer	222 to 225	16.000	S28.	2.8	1.873	0.021	0.0030	
30 minute summer	235 to 236	18.000	S26.	7.1	1.376	0.644	0.0103	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	237 to 240	59	53.047	0.261	37.6	34.9164	0.0000	SURCHARGED
180 minute summer	255 to 258	132	53.888	0.243	14.4	28.7201	0.0000	SURCHARGED
240 minute winter	281 to 268	236	55.704	0.244	13.1	62.7456	0.0000	SURCHARGED
60 minute winter	285 to 287	58	57.055	0.585	14.4	13.9711	0.0000	SURCHARGED
120 minute summer	300 to 301	88	56.879	0.214	9.6	13.2468	0.0000	SURCHARGED
180 minute summer	302 to 305	152	56.086	0.216	14.9	33.1149	0.0000	SURCHARGED
180 minute summer	252 to 254	136	53.483	0.243	13.5	27.3544	0.0000	SURCHARGED
15 minute summer	dummy outlet	14	51.766	0.166	173.8	0.0000	0.0000	OK
60 minute winter	264 to 266	59	54.849	0.279	19.5	22.9815	0.0000	SURCHARGED
30 minute summer	325 to 357 Car Park	20	54.554	0.084	27.9	6.2740	0.0000	OK
60 minute winter	S21.	59	53.047	1.047	39.8	2.6644	0.0000	SURCHARGED
15 minute summer	S6.	11	53.866	1.366	35.4	4.9231	0.0000	SURCHARGED
15 minute summer	S14.	12	54.107	1.207	57.2	8.6799	0.0000	SURCHARGED
60 minute summer	ATT TANK 1	47	53.899	0.624	128.2	90.7271	0.0000	SURCHARGED
120 minute winter	ATT TANK 2	118	53.710	0.610	44.6	101.7468	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	237 to 240	14.000_1	S21.	32.5	2.169	0.104	0.0795	
180 minute summer	255 to 258	12.000	S18.	2.4	0.378	0.045	0.0416	
240 minute winter	281 to 268	4.000_1	S15.	3.0	0.332	0.076	0.0180	
60 minute winter	285 to 287	1.000	S8A	-4.0	0.560	-0.185	0.4593	
120 minute summer	300 to 301	6.000_1	S1.	1.7	0.684	0.112	0.0159	
180 minute summer	302 to 305	7.000_1	S3A.	1.8	0.844	0.034	0.0043	
180 minute summer	252 to 254	13.000	S20.	2.1	0.599	0.079	0.4124	
60 minute winter	264 to 266	5.000_1	EX-SW8	-12.7	-0.724	-0.244	0.0352	
30 minute summer	325 to 357 Car Park	2.000_1	S13A.	20.6	1.531	0.294	0.4250	
60 minute winter	S21.	11.004	EX HEADWALL / PROPOSED CHAMBER	11.8	0.887	0.067	0.3429	
15 minute summer	S6.	5.004	EX-SW5	10.9	0.883	0.100	1.1522	
15 minute summer	S14.	1.006	EX-SW11	39.0	1.216	0.188	2.4835	
60 minute summer	ATT TANK 1	3.000_2	S13A.	-128.2	-3.223	-3.502	0.0398	
120 minute winter	ATT TANK 2	8.000_1	S5B.	-44.6	-1.319	-0.570	0.1408	

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S5B.	118	53.710	0.620	45.3	0.7015	0.0000	SURCHARGED
15 minute summer	S5A.	11	53.864	0.864	165.0	1.2358	0.0000	SURCHARGED
180 minute summer	PP 218 to 221, 229 to 234, 320 to 323	136	54.563	0.263	24.8	49.7828	0.0000	SURCHARGED
60 minute winter	S8A	58	57.055	0.605	4.2	0.6838	0.0000	SURCHARGED
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S5B.	8.001_1	S5A.	-45.3	-0.654	-0.639	1.0785	
15 minute summer	S5A.	6.006	S6.	23.1	0.556	0.068	1.9056	
180 minute summer	PP 218 to 221, 229 to 234, 320 to 323	10.000	EX-SW4	4.0	0.841	0.023	0.2876	
60 minute winter	S8A	1.001_1	S8.	-4.2	0.525	-0.081	0.7716	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S8.	60	57.501	1.346	13.3	1.6636	0.0000	FLOOD RISK
15 minute summer	S9.	12	56.207	0.332	44.7	0.4292	0.0000	SURCHARGED
15 minute summer	S10.	12	56.036	1.236	146.3	1.8796	0.0000	FLOOD RISK
15 minute summer	S11.	12	55.788	1.313	156.6	1.6383	0.0000	FLOOD RISK
15 minute summer	S12.	12	55.228	1.053	151.6	1.1905	0.0000	SURCHARGED
60 minute winter	S13A.	44	54.878	1.608	170.8	2.3890	0.0000	SURCHARGED
15 minute summer	S13.	12	55.092	1.892	207.0	2.4031	0.0000	SURCHARGED
240 minute winter	S15.	244	55.496	0.134	4.9	0.1511	0.0000	OK
360 minute winter	S16.	344	55.435	0.029	1.9	0.0325	0.0000	OK
15 minute summer	S17.	12	55.405	0.568	8.4	0.6423	0.0000	SURCHARGED
15 minute summer	EX-SW8	11	55.193	0.793	60.1	1.3171	0.0000	SURCHARGED
15 minute summer	EX-SW9	12	55.401	1.291	69.2	1.7445	0.0000	SURCHARGED
15 minute summer	EX-SW10	11	54.746	0.636	145.9	0.9548	0.0000	SURCHARGED
30 minute summer	EX-SW11	23	54.074	1.564	219.1	4.1105	0.0000	SURCHARGED
30 minute summer	EX-SW12	23	54.086	1.686	223.8	4.6946	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S8.	1.001	S9.	3.4	0.842	0.069	0.2506	
15 minute summer	S9.	1.002	S10.	50.2	1.850	0.535	1.2320	
15 minute summer	S10.	1.003	S11.	126.2	1.793	0.737	0.9690	
15 minute summer	S11.	1.004	S12.	151.6	2.260	1.213	1.6733	
15 minute summer	S12.	1.005	S13.	150.4	1.391	0.297	1.6969	
60 minute winter	S13A.	2.000	S13.	-84.6	-1.202	-0.643	0.3521	
15 minute summer	S13.	1.007_1	S14.	49.4	1.107	0.217	2.5578	
240 minute winter	S15.	3.000	S16.	2.0	0.519	0.272	0.0854	
360 minute winter	S16.	3.001	S17.	1.9	1.143	0.066	0.0374	
15 minute summer	S17.	3.002	EX-SW9	11.9	0.817	0.157	0.0719	
15 minute summer	EX-SW8	4.000	EX-SW9	7.3	0.415	0.289	0.2534	
15 minute summer	EX-SW9	3.003	EX-SW10	57.5	1.446	4.296	2.1104	
15 minute summer	EX-SW10	3.004	EX-SW11	140.1	3.563	0.845	0.6485	
30 minute summer	EX-SW11	1.007	EX-SW12	153.0	0.756	0.086	63.3154	
30 minute summer	EX-SW12	3.000_1	EX-SLUICE GATE	129.3	0.540	0.036	23.0063	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer S1.		12	57.080	0.430	68.3	0.7163	0.0000	FLOOD RISK
15 minute summer S2.		12	56.286	0.715	119.9	0.9816	0.0000	SURCHARGED
15 minute summer S3A.		13	55.858	0.158	9.3	0.1791	0.0000	SURCHARGED
15 minute summer S3.		12	55.879	0.467	120.3	0.5281	0.0000	SURCHARGED
15 minute summer S4.		12	55.397	0.967	178.0	1.3233	0.0000	SURCHARGED
15 minute summer S5.		12	55.132	1.932	232.1	2.5795	0.0000	FLOOD RISK
15 minute summer EX-SW1		1	52.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer EX-SW2		15	52.288	0.038	2.0	0.0959	0.0000	OK
15 minute winter EX-SW3		10	52.289	0.079	8.9	0.2017	0.0000	OK
15 minute summer EX-SW4		11	52.286	0.176	16.3	0.4490	0.0000	OK
30 minute summer EX-SW5		20	52.286	0.276	22.0	0.7014	0.0000	OK
120 minute summer EX-SW6		92	52.288	0.278	152.9	0.7087	0.0000	OK
15 minute summer EX-SW7		12	51.956	0.266	154.8	0.6758	0.0000	OK
60 minute summer EX HEADWALL / PROPOSED CHAMBER		38	51.898	0.208	182.5	0.2970	0.0000	OK
15 minute summer S19B.		12	54.160	0.271	17.3	0.3272	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer S1.		5.000	S2.	59.1	1.519	0.852	2.4259	
15 minute summer S2.		5.001	S3.	119.1	2.999	1.254	0.1910	
15 minute summer S3A.		6.000	S3.	8.7	0.615	0.558	0.6569	
15 minute summer S3.		5.002	S4.	115.2	2.208	0.730	3.4374	
15 minute summer S4.		5.003	S5.	154.8	1.545	0.423	4.0906	
15 minute summer S5.		6.005	S5A.	228.2	2.069	0.755	0.9716	
15 minute summer EX-SW1		7.000	EX-SW2	0.0	0.000	0.000	0.1291	
15 minute summer EX-SW2		7.001	EX-SW3	-2.0	-0.169	-0.005	0.5356	
15 minute winter EX-SW3		7.002	EX-SW4	-8.9	-0.213	-0.012	1.4508	
15 minute summer EX-SW4		7.003	EX-SW5	-13.8	-0.271	-0.015	1.9070	
30 minute summer EX-SW5		5.005	EX-SW6	24.5	0.499	0.020	1.1855	
120 minute summer EX-SW6		1.009	EX-SW7	151.5	1.274	0.082	5.8181	
15 minute summer EX-SW7		1.006_1	EX HEADWALL / PROPOSED CHAMBER	153.7	1.274	0.126	0.9572	
60 minute summer EX HEADWALL / PROPOSED CHAMBER		14.000	dummy outlet	182.8	1.895	0.083	0.7115	1331.4
15 minute summer S19B.		8.000	S19A.	16.4	1.028	0.628	0.3256	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S19A.	12	54.000	0.508	55.6	0.6559	0.0000	SURCHARGED
15 minute summer	S18.	12	53.747	0.648	7.6	0.7330	0.0000	SURCHARGED
15 minute summer	S19.	12	53.710	0.654	89.6	0.8445	0.0000	SURCHARGED
60 minute winter	S20.	56	53.394	1.109	46.5	1.2538	0.0000	SURCHARGED
30 minute summer	EX-SLUICE GATE	23	54.079	1.854	177.9	4.9624	0.0000	SURCHARGED
15 minute summer	S28.	12	53.045	0.385	10.8	0.4356	0.0000	SURCHARGED
15 minute summer	S22.	1	53.527	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S23.	20	53.035	0.723	41.1	0.9379	0.0000	SURCHARGED
60 minute summer	S24.	39	52.993	0.874	28.4	0.9884	0.0000	SURCHARGED
60 minute summer	S25.	39	52.964	0.975	28.2	1.1025	0.0000	SURCHARGED
60 minute summer	S26.	40	52.871	1.071	32.9	3.7484	0.0000	SURCHARGED
60 minute summer	227 to 228	37	53.059	1.119	43.2	25.1875	0.0000	SURCHARGED
120 minute winter	222 to 225	116	54.151	0.381	25.9	58.0432	0.0000	FLOOD RISK
60 minute summer	235 to 236	49	52.800	0.200	25.1	23.1920	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S19A.	8.001 S19.		51.4	1.494	0.821	1.1985	
15 minute summer	S18.	9.000 S19.		6.9	0.549	0.894	0.7296	
15 minute summer	S19.	11.002 S20.		81.3	1.320	0.677	4.6463	
60 minute winter	S20.	11.003 S21.		43.4	0.616	0.444	2.5922	
30 minute summer	EX-SLUICE GATE	3.001_1 EX-SW6		135.0	1.295	0.699	0.4336	
15 minute summer	S28.	10.001 S23.		-8.7	0.785	-0.098	0.4822	
15 minute summer	S22.	11.000 S23.		0.0	0.000	0.000	0.3362	
30 minute summer	S23.	10.002 S24.		35.2	1.051	0.776	1.0073	
60 minute summer	S24.	10.003 S25.		28.2	0.710	0.752	0.9839	
60 minute summer	S25.	10.004 S26.		27.2	0.683	0.678	1.2597	
60 minute summer	S26.	10.005 EX HEADWALL / PROPOSED CHAMBER		17.7	0.613	0.210	0.6937	
60 minute summer	227 to 228	17.000 S25.		-19.9	-1.128	-1.124	0.3382	
120 minute winter	222 to 225	16.000 S28.		3.9	2.080	0.029	0.0187	
60 minute summer	235 to 236	18.000 S26.		-12.0	-1.540	-1.099	0.0156	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	237 to 240	92	53.386	0.600	42.3	82.2169	3.9439	FLOOD
120 minute winter	255 to 258	116	54.097	0.452	24.1	54.5570	0.0000	FLOOD RISK
360 minute winter	281 to 268	352	55.902	0.442	16.6	116.5184	0.0000	SURCHARGED
60 minute winter	285 to 287	60	57.502	1.032	27.2	32.9492	0.0000	SURCHARGED
120 minute summer	300 to 301	96	57.058	0.393	17.1	24.7937	0.0000	SURCHARGED
180 minute winter	302 to 305	176	56.269	0.399	18.1	62.7387	0.0000	SURCHARGED
120 minute winter	252 to 254	118	53.700	0.460	22.5	52.8770	0.0000	FLOOD RISK
60 minute summer	dummy outlet	38	51.770	0.170	182.8	0.0000	0.0000	OK
120 minute winter	264 to 266	112	55.149	0.579	21.2	48.4456	0.0000	FLOOD RISK
60 minute summer	325 to 357 Car Park	52	54.822	0.352	45.7	28.3373	0.0000	FLOOD RISK
60 minute winter	S21.	56	53.386	1.386	43.4	3.5276	0.0000	FLOOD RISK
180 minute winter	S6.	156	55.000	2.500	38.1	9.0100	3.4635	FLOOD
15 minute summer	S14.	12	55.094	2.194	95.0	15.7744	0.0000	SURCHARGED
60 minute winter	ATT TANK 1	44	54.877	1.602	166.8	174.4927	0.0000	FLOOD RISK
120 minute winter	ATT TANK 2	114	55.003	1.903	86.6	200.1534	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	237 to 240	14.000_1	S21.	30.4	2.165	0.097	0.0795	
120 minute winter	255 to 258	12.000	S18.	3.4	0.418	0.062	0.0576	
360 minute winter	281 to 268	4.000_1	S15.	4.7	0.481	0.119	0.0197	
60 minute winter	285 to 287	1.000	S8A	-8.0	0.544	-0.377	0.4593	
120 minute summer	300 to 301	6.000_1	S1.	2.3	0.762	0.153	0.0240	
180 minute winter	302 to 305	7.000_1	S3A.	2.4	0.918	0.045	0.0054	
120 minute winter	252 to 254	13.000	S20.	2.9	0.232	0.108	0.7286	
120 minute winter	264 to 266	5.000_1	EX-SW8	-13.7	-0.780	-0.263	0.0352	
60 minute summer	325 to 357 Car Park	2.000_1	S13A.	35.5	1.434	0.507	1.2568	
60 minute winter	S21.	11.004	EX HEADWALL / PROPOSED CHAMBER	13.6	0.926	0.077	0.3771	
180 minute winter	S6.	5.004	EX-SW5	14.6	0.962	0.134	1.1002	
15 minute summer	S14.	1.006	EX-SW11	52.7	1.292	0.254	4.0055	
60 minute winter	ATT TANK 1	3.000_2	S13A.	-166.8	-4.195	-4.558	0.0398	
120 minute winter	ATT TANK 2	8.000_1	S5B.	-86.6	-1.374	-1.106	0.1408	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S5B.	114	55.003	1.913	87.2	2.1633	0.0000	SURCHARGED
120 minute winter	S5A.	114	55.003	2.003	87.9	2.8658	0.0000	FLOOD RISK
180 minute winter	PP 218 to 221, 229 to 234, 320 to 323	176	54.822	0.522	30.2	101.6054	0.0000	FLOOD RISK
60 minute winter	S8A	60	57.502	1.052	9.0	1.1894	0.0000	SURCHARGED
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	S5B.	8.001_1	S5A.	-87.2	-1.238	-1.229	1.0785	
120 minute winter	S5A.	6.006	S6.	20.6	0.405	0.060	1.9056	
180 minute winter	PP 218 to 221, 229 to 234, 320 to 323	10.000	EX-SW4	4.0	0.839	0.023	0.3278	
60 minute winter	S8A	1.001_1	S8.	-9.0	0.450	-0.174	0.7716	

APPENDIX 6

Exceedance Flow Plan



DO NOT SCALE this drawing. Use figure dimensions only.
The Contractor must check a copy of this drawing is 2D.
Any discrepancies must be reported immediately to the Engineer for
clarification before proceeding.
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Legend

- Exceedance Flow Route
- Major Contour (0.50m)
- Minor Contour (0.10m)

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Project Information

Project: Finchwood Park, Parcel 6
Location: Finchampstead

Exceedance Flow Plan

Drawing Data

Drawn	Checked	Approved	Date	Scale
AM	EE	NT	MAY 2025	1:500

Project No: 128057
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