

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Title: Rainfall Analysis Criteria	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall		
FEH	Type: FEH	
Site Location	GB 517548 111833 TQ 17548 11833	
Rainfall Version	2022	
Summer	☒	
Winter	☒	

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
10.0	0.000
30.0	0.000
30.0	40.000
100.0	0.000
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
240	480
360	720
480	960
960	1920
1440	2880

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Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 2 years: Increase Rainfall (%): +0: 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
SW13	FEH: 2 years: +0 %: 960 mins: Summer	17.47 0	14.96 0	15.351	0.391	2.1	0.443	0.000	2.1	197.394	Surcharged
SW14	FEH: 2 years: +0 %: 240 mins: Summer	16.50 0	14.46 0	14.496	0.036	2.1	0.041	0.000	2.1	47.754	OK
SW15	FEH: 2 years: +0 %: 1440 mins: Summer	15.75 0	13.96 0	14.024	0.064	6.3	0.073	0.000	6.3	671.665	OK
SW34	FEH: 2 years: +0 %: 1440 mins: Summer	17.00 0	14.37 0	14.421	0.051	4.3	0.058	0.000	4.3	385.258	OK
SW33	FEH: 2 years: +0 %: 1440 mins: Summer	16.60 0	14.66 0	14.712	0.052	4.3	0.059	0.000	4.3	385.433	OK
SW32	FEH: 2 years: +0 %: 1440 mins: Summer	16.90 0	14.73 0	14.958	0.228	4.3	0.258	0.000	4.3	385.555	Surcharged
SW16	FEH: 2 years: +0 %: 15 mins: Summer	17.15 0	16.40 0	16.460	0.060	6.8	0.067	0.000	6.3	2.981	OK
SW17	FEH: 2 years: +0 %: 360 mins: Summer	16.80 0	15.98 0	16.037	0.057	5.9	0.065	0.000	6.0	28.741	OK
SW18	FEH: 2 years: +0 %: 360 mins: Summer	16.91 0	15.61 0	15.671	0.061	7.9	0.069	0.000	7.9	38.265	OK
SW19	FEH: 2 years: +0 %: 15 mins: Summer	16.92 0	15.48 0	15.549	0.069	14.4	0.078	0.000	13.7	7.745	OK
SW20	FEH: 2 years: +0 %: 360 mins: Summer	17.00 0	16.25 0	16.271	0.021	1.0	0.023	0.000	0.9	3.429	OK
SW21	FEH: 2 years: +0 %: 360 mins: Summer	16.87 0	15.98 0	16.031	0.051	5.4	0.057	0.000	5.2	24.574	OK
SW30	FEH: 2 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.684	0.054	6.1	0.015	0.000	5.6	2.630	OK
SW31	FEH: 2 years: +0 %: 15 mins: Summer	16.45 0	15.30 0	15.378	0.078	17.9	0.089	0.000	17.1	7.977	OK
SW29	FEH: 2 years: +0 %: 15 mins: Summer	16.60 0	14.89 0	15.008	0.118	33.7	0.133	0.000	31.6	17.558	OK
SW28	FEH: 2 years: +0 %: 15 mins: Summer	16.75 0	15.00 0	15.091	0.091	17.8	0.103	0.000	16.6	9.720	OK
SW23	FEH: 2 years: +0 %: 15 mins: Summer	16.50 0	15.12 0	15.196	0.076	11.7	0.086	0.000	10.4	6.601	OK
SW22	FEH: 2 years: +0 %: 15 mins: Summer	16.35 0	15.60 0	15.645	0.045	4.2	0.013	0.000	4.0	2.426	OK
SW27	FEH: 2 years: +0 %: 15 mins: Summer	16.45 0	15.37 0	15.415	0.045	4.8	0.051	0.000	4.4	2.609	OK
SW26	FEH: 2 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 2 years: +0 %: 15 mins: Summer	16.45 0	15.39 0	15.434	0.044	3.2	0.050	0.000	2.9	1.842	OK
SW1	FEH: 2 years: +0 %: 360 mins: Summer	17.45 0	16.70 0	16.737	0.037	2.0	0.010	0.000	1.9	7.904	OK
SW2	FEH: 2 years: +0 %: 15 mins: Summer	17.45 0	16.52 0	16.580	0.060	7.1	0.017	0.000	6.6	3.124	OK
SW3	FEH: 2 years: +0 %: 15 mins: Summer	17.45 0	16.23 0	16.298	0.068	13.5	0.077	0.000	12.3	6.193	OK
SW4	FEH: 2 years: +0 %: 360 mins: Summer	17.45 0	15.43 0	15.518	0.088	19.6	0.099	0.000	19.8	98.238	OK
SW10	FEH: 2 years: +0 %: 15 mins: Summer	17.45 0	16.63 0	16.691	0.061	7.5	0.069	0.000	7.1	3.277	OK
SW9	FEH: 2 years: +0 %: 15 mins: Summer	17.47 0	16.27 0	16.328	0.058	11.2	0.066	0.000	10.0	5.288	OK
SW7	FEH: 2 years: +0 %: 15 mins: Summer	17.50 0	16.58 0	16.623	0.043	3.6	0.048	0.000	3.4	1.554	OK
SW8	FEH: 2 years: +0 %: 15 mins: Summer	17.50 0	16.38 0	16.426	0.046	4.5	0.052	0.000	4.2	2.041	OK

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SW5	FEH: 2 years: +0 %: 360 mins: Summer	17.60 0	16.85 0	16.880	0.030	2.3	0.034	0.000	2.2	8.108	OK
SW6	FEH: 2 years: +0 %: 360 mins: Summer	17.47 0	15.74 0	15.811	0.071	11.2	0.080	0.000	11.2	53.331	OK
SW11	FEH: 2 years: +0 %: 15 mins: Summer	17.44 0	16.16 0	16.297	0.137	59.2	0.155	0.000	56.2	25.707	OK
SW12	FEH: 2 years: +0 %: 15 mins: Summer	18.20 0	15.40 0	15.557	0.157	76.9	0.178	0.000	72.0	34.609	OK
Surface Water Outfall	FEH: 2 years: +0 %: 1440 mins: Summer	13.83 0	13.38 0	13.444	0.064	6.3	0.000	0.000	6.3	671.665	OK
SW24	FEH: 2 years: +0 %: 240 mins: Summer	16.45 0	15.70 0	15.712	0.012	0.4	0.003	0.000	0.4	6.473	OK

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FEH: 10 years: Increase Rainfall (%): +0: 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
SW13	FEH: 10 years: +0 %: 1440 mins: Winter	17.47 0	14.96 0	15.587	0.627	2.1	0.709	0.000	2.1	291.504	Surcharged
SW14	FEH: 10 years: +0 %: 120 mins: Summer	16.50 0	14.46 0	14.496	0.036	2.1	0.041	0.000	2.1	23.904	OK
SW15	FEH: 10 years: +0 %: 1440 mins: Winter	15.75 0	13.96 0	14.025	0.065	6.5	0.074	0.000	6.5	832.231	OK
SW34	FEH: 10 years: +0 %: 960 mins: Winter	17.00 0	14.37 0	14.424	0.054	4.6	0.061	0.000	4.6	396.247	OK
SW33	FEH: 10 years: +0 %: 960 mins: Winter	16.60 0	14.66 0	14.714	0.054	4.6	0.061	0.000	4.6	396.748	OK
SW32	FEH: 10 years: +0 %: 960 mins: Winter	16.90 0	14.73 0	15.078	0.348	4.6	0.393	0.000	4.6	397.077	Surcharged
SW16	FEH: 10 years: +0 %: 15 mins: Summer	17.15 0	16.40 0	16.479	0.079	11.6	0.089	0.000	10.8	5.060	OK
SW17	FEH: 10 years: +0 %: 240 mins: Summer	16.80 0	15.98 0	16.064	0.084	12.3	0.095	0.000	12.4	45.590	OK
SW18	FEH: 10 years: +0 %: 240 mins: Summer	16.91 0	15.61 0	15.700	0.090	16.3	0.102	0.000	16.4	60.487	OK
SW19	FEH: 10 years: +0 %: 240 mins: Summer	16.92 0	15.48 0	15.582	0.102	28.2	0.115	0.000	28.2	105.885	OK
SW20	FEH: 10 years: +0 %: 240 mins: Summer	17.00 0	16.25 0	16.279	0.029	1.9	0.032	0.000	1.8	5.989	OK
SW21	FEH: 10 years: +0 %: 240 mins: Summer	16.87 0	15.98 0	16.054	0.074	11.0	0.084	0.000	10.7	39.297	OK
SW30	FEH: 10 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.701	0.071	10.3	0.020	0.000	9.6	4.464	OK
SW31	FEH: 10 years: +0 %: 15 mins: Summer	16.45 0	15.30 0	15.404	0.104	30.4	0.118	0.000	29.3	13.535	OK
SW29	FEH: 10 years: +0 %: 960 mins: Winter	16.60 0	14.89 0	15.078	0.188	12.0	0.212	0.000	12.0	288.417	OK
SW28	FEH: 10 years: +0 %: 15 mins: Summer	16.75 0	15.00 0	15.128	0.128	30.9	0.145	0.000	29.0	16.970	OK
SW23	FEH: 10 years: +0 %: 15 mins: Summer	16.50 0	15.12 0	15.224	0.104	20.4	0.117	0.000	18.4	11.661	OK
SW22	FEH: 10 years: +0 %: 15 mins: Summer	16.35 0	15.60 0	15.661	0.061	7.3	0.017	0.000	6.9	4.337	OK
SW27	FEH: 10 years: +0 %: 15 mins: Summer	16.45 0	15.37 0	15.429	0.059	8.3	0.067	0.000	7.7	4.695	OK
SW26	FEH: 10 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 10 years: +0 %: 15 mins: Summer	16.45 0	15.39 0	15.449	0.059	5.5	0.067	0.000	5.1	3.392	OK

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SW1	FEH: 10 years: +0 %: 240 mins: Summer	17.45 0	16.70 0	16.753	0.053	3.9	0.015	0.000	3.8	13.148	OK
SW2	FEH: 10 years: +0 %: 15 mins: Summer	17.45 0	16.52 0	16.601	0.081	12.1	0.023	0.000	11.3	5.300	OK
SW3	FEH: 10 years: +0 %: 15 mins: Summer	17.45 0	16.23 0	16.320	0.090	23.1	0.102	0.000	21.2	10.490	OK
SW4	FEH: 10 years: +0 %: 1440 mins: Winter	17.45 0	15.43 0	15.587	0.157	9.4	0.178	0.000	9.4	252.144	OK
SW10	FEH: 10 years: +0 %: 15 mins: Summer	17.45 0	16.63 0	16.711	0.081	12.8	0.092	0.000	12.1	5.561	OK
SW9	FEH: 10 years: +0 %: 15 mins: Summer	17.47 0	16.27 0	16.349	0.079	19.3	0.089	0.000	17.5	8.992	OK
SW7	FEH: 10 years: +0 %: 15 mins: Summer	17.50 0	16.58 0	16.636	0.056	6.1	0.063	0.000	5.8	2.633	OK
SW8	FEH: 10 years: +0 %: 240 mins: Summer	17.50 0	16.38 0	16.445	0.065	8.2	0.074	0.000	8.1	30.121	OK
SW5	FEH: 10 years: +0 %: 240 mins: Summer	17.60 0	16.85 0	16.893	0.043	4.4	0.049	0.000	4.3	14.129	OK
SW6	FEH: 10 years: +0 %: 240 mins: Summer	17.47 0	15.74 0	15.843	0.103	23.1	0.117	0.000	23.2	84.974	OK
SW11	FEH: 10 years: +0 %: 15 mins: Summer	17.44 0	16.16 0	16.348	0.188	100.5	0.212	0.000	95.8	43.588	OK
SW12	FEH: 10 years: +0 %: 15 mins: Summer	18.20 0	15.40 0	15.620	0.220	130.8	0.248	0.000	123.4	58.715	OK
Surface Water Outfall	FEH: 10 years: +0 %: 1440 mins: Winter	13.83 0	13.38 0	13.444	0.064	6.5	0.000	0.000	6.5	832.231	OK
SW24	FEH: 10 years: +0 %: 240 mins: Summer	16.45 0	15.70 0	15.713	0.013	0.5	0.004	0.000	0.5	8.869	OK

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FEH: 30 years: Increase Rainfall (%): +0: 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
SW13	FEH: 30 years: +0 %: 1440 mins: Winter	17.47 0	14.96 0	15.775	0.815	2.1	0.922	0.000	2.1	279.043	Surcharged
SW14	FEH: 30 years: +0 %: 960 mins: Summer	16.50 0	14.46 0	14.496	0.036	2.1	0.041	0.000	2.1	183.920	OK
SW15	FEH: 30 years: +0 %: 1440 mins: Winter	15.75 0	13.96 0	14.026	0.066	6.5	0.074	0.000	6.5	900.576	OK
SW34	FEH: 30 years: +0 %: 1440 mins: Summer	17.00 0	14.37 0	14.424	0.054	4.7	0.061	0.000	4.7	618.031	OK
SW33	FEH: 30 years: +0 %: 1440 mins: Summer	16.60 0	14.66 0	14.714	0.054	4.7	0.061	0.000	4.7	618.515	OK
SW32	FEH: 30 years: +0 %: 960 mins: Summer	16.90 0	14.73 0	15.179	0.449	4.7	0.508	0.000	4.7	419.480	Surcharged
SW16	FEH: 30 years: +0 %: 120 mins: Summer	17.15 0	16.40 0	16.501	0.101	18.3	0.114	0.000	17.3	44.760	OK
SW17	FEH: 30 years: +0 %: 120 mins: Summer	16.80 0	15.98 0	16.085	0.105	19.3	0.119	0.000	18.5	49.236	OK
SW18	FEH: 30 years: +0 %: 120 mins: Summer	16.91 0	15.61 0	15.723	0.113	24.2	0.128	0.000	24.3	65.296	OK
SW19	FEH: 30 years: +0 %: 120 mins: Summer	16.92 0	15.48 0	15.608	0.128	41.6	0.145	0.000	41.8	114.074	OK
SW20	FEH: 30 years: +0 %: 120 mins: Summer	17.00 0	16.25 0	16.285	0.035	2.9	0.040	0.000	2.8	6.594	OK
SW21	FEH: 30 years: +0 %: 120 mins: Summer	16.87 0	15.98 0	16.072	0.092	17.4	0.104	0.000	15.9	42.474	OK
SW30	FEH: 30 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.713	0.083	13.5	0.023	0.000	12.6	5.843	OK
SW31	FEH: 30 years: +0 %: 15 mins: Summer	16.45 0	15.30 0	15.423	0.123	39.8	0.139	0.000	38.4	17.696	OK
SW29	FEH: 30 years: +0 %: 960 mins: Summer	16.60 0	14.89 0	15.180	0.290	20.2	0.328	0.000	20.2	361.080	OK
SW28	FEH: 30 years: +0 %: 960 mins: Winter	16.75 0	15.00 0	15.180	0.180	8.5	0.203	0.000	8.5	242.826	OK
SW23	FEH: 30 years: +0 %: 15 mins: Summer	16.50 0	15.12 0	15.242	0.122	27.0	0.138	0.000	24.4	15.157	OK
SW22	FEH: 30 years: +0 %: 15 mins: Summer	16.35 0	15.60 0	15.672	0.072	9.6	0.020	0.000	9.1	5.604	OK
SW27	FEH: 30 years: +0 %: 120 mins: Summer	16.45 0	15.37 0	15.438	0.068	10.4	0.077	0.000	10.1	44.068	OK
SW26	FEH: 30 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK

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SW25	FEH: 30 years: +0 %: 15 mins: Summer	16.45 0	15.39 0	15.459	0.069	7.2	0.078	0.000	6.8	4.416	OK
SW1	FEH: 30 years: +0 %: 120 mins: Summer	17.45 0	16.70 0	16.768	0.068	6.1	0.019	0.000	5.8	14.296	OK
SW2	FEH: 30 years: +0 %: 15 mins: Summer	17.45 0	16.52 0	16.614	0.094	15.9	0.027	0.000	14.8	6.933	OK
SW3	FEH: 30 years: +0 %: 15 mins: Summer	17.45 0	16.23 0	16.335	0.105	30.3	0.118	0.000	28.0	13.709	OK
SW4	FEH: 30 years: +0 %: 1440 mins: Winter	17.45 0	15.43 0	15.775	0.345	11.5	0.391	0.000	11.5	323.581	Surcharged
SW10	FEH: 30 years: +0 %: 15 mins: Summer	17.45 0	16.63 0	16.724	0.094	16.7	0.107	0.000	15.9	7.268	OK
SW9	FEH: 30 years: +0 %: 15 mins: Summer	17.47 0	16.27 0	16.362	0.092	25.3	0.104	0.000	23.2	11.766	OK
SW7	FEH: 30 years: +0 %: 120 mins: Summer	17.50 0	16.58 0	16.648	0.068	8.9	0.077	0.000	8.6	21.863	OK
SW8	FEH: 30 years: +0 %: 120 mins: Summer	17.50 0	16.38 0	16.464	0.084	13.0	0.095	0.000	12.4	32.487	OK
SW5	FEH: 30 years: +0 %: 120 mins: Summer	17.60 0	16.85 0	16.904	0.054	6.9	0.061	0.000	6.6	15.542	OK
SW6	FEH: 30 years: +0 %: 120 mins: Summer	17.47 0	15.74 0	15.868	0.128	34.4	0.145	0.000	34.5	91.815	OK
SW11	FEH: 30 years: +0 %: 15 mins: Summer	17.44 0	16.16 0	16.384	0.224	131.4	0.253	0.000	125.3	56.997	OK
SW12	FEH: 30 years: +0 %: 1440 mins: Winter	18.20 0	15.40 0	15.775	0.375	8.3	0.425	0.000	8.3	282.747	Surcharged
Surface Water Outfall	FEH: 30 years: +0 %: 1440 mins: Winter	13.83 0	13.38 0	13.445	0.065	6.5	0.000	0.000	6.5	900.576	OK
SW24	FEH: 30 years: +0 %: 240 mins: Summer	16.45 0	15.70 0	15.714	0.014	0.5	0.004	0.000	0.5	10.285	OK

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FEH: 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
SW13	FEH: 30 years: +40 %: 1440 mins: Winter	17.47 0	14.96 0	16.177	1.217	2.2	1.376	0.000	2.2	327.020	Surcharged
SW14	FEH: 30 years: +40 %: 1440 mins: Winter	16.50 0	14.46 0	14.498	0.038	2.2	0.043	0.000	2.2	326.629	OK
SW15	FEH: 30 years: +40 %: 1440 mins: Winter	15.75 0	13.96 0	14.026	0.066	6.7	0.075	0.000	6.7	974.093	OK
SW34	FEH: 30 years: +40 %: 1440 mins: Winter	17.00 0	14.37 0	14.424	0.054	4.7	0.061	0.000	4.7	648.500	OK
SW33	FEH: 30 years: +40 %: 1440 mins: Winter	16.60 0	14.66 0	14.714	0.054	4.7	0.061	0.000	4.7	649.078	OK
SW32	FEH: 30 years: +40 %: 1440 mins: Summer	16.90 0	14.73 0	15.424	0.694	4.7	0.785	0.000	4.7	641.606	Surcharged
SW16	FEH: 30 years: +40 %: 120 mins: Summer	17.15 0	16.40 0	16.531	0.131	27.8	0.148	0.000	26.4	68.249	OK
SW17	FEH: 30 years: +40 %: 120 mins: Summer	16.80 0	15.98 0	16.120	0.140	29.1	0.158	0.000	29.0	75.339	OK
SW18	FEH: 30 years: +40 %: 120 mins: Summer	16.91 0	15.61 0	15.759	0.149	38.2	0.169	0.000	38.3	99.771	OK
SW19	FEH: 30 years: +40 %: 120 mins: Summer	16.92 0	15.48 0	15.650	0.170	66.1	0.192	0.000	66.3	173.704	OK
SW20	FEH: 30 years: +40 %: 60 mins: Summer	17.00 0	16.25 0	16.292	0.042	4.4	0.048	0.000	4.1	7.577	OK
SW21	FEH: 30 years: +40 %: 120 mins: Summer	16.87 0	15.98 0	16.100	0.120	26.0	0.135	0.000	24.9	65.125	OK
SW30	FEH: 30 years: +40 %: 15 mins: Summer	16.45 0	15.63 0	15.730	0.100	18.9	0.028	0.000	17.7	9.895	OK
SW31	FEH: 30 years: +40 %: 15 mins: Summer	16.45 0	15.30 0	15.452	0.152	55.9	0.172	0.000	54.1	29.000	OK
SW29	FEH: 30 years: +40 %: 1440 mins: Summer	16.60 0	14.89 0	15.424	0.534	20.9	0.604	0.000	20.5	559.380	Surcharged
SW28	FEH: 30 years: +40 %: 1440 mins: Summer	16.75 0	15.00 0	15.424	0.424	11.8	0.480	0.000	11.7	372.238	Surcharged
SW23	FEH: 30 years: +40 %: 1440 mins: Summer	16.50 0	15.12 0	15.424	0.304	8.9	0.344	0.000	8.9	311.819	Surcharged
SW22	FEH: 30 years: +40 %: 15 mins: Summer	16.35 0	15.60 0	15.689	0.089	13.6	0.025	0.000	12.9	7.602	OK
SW27	FEH: 30 years: +40 %: 120 mins: Summer	16.45 0	15.37 0	15.454	0.084	15.7	0.095	0.000	15.2	59.441	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN				Date: 30/04/2026							
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy				Designed by: SV	Checked by: SP	Approved By: SP					
				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW26	FEH: 30 years: +40 %: 15 mins: Summer	16.45 0	15.63 0	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 30 years: +40 %: 15 mins: Summer	16.45 0	15.39 0	15.474	0.084	10.3	0.095	0.000	9.8	6.027	OK
SW1	FEH: 30 years: +40 %: 60 mins: Summer	17.45 0	16.70 0	16.787	0.087	9.1	0.025	0.000	8.6	16.393	OK
SW2	FEH: 30 years: +40 %: 15 mins: Summer	17.45 0	16.52 0	16.635	0.115	22.3	0.033	0.000	20.8	11.956	OK
SW3	FEH: 30 years: +40 %: 120 mins: Summer	17.45 0	16.23 0	16.362	0.132	45.3	0.150	0.000	43.0	112.270	OK
SW4	FEH: 30 years: +40 %: 1440 mins: Winter	17.45 0	15.43 0	16.177	0.747	16.1	0.845	0.000	15.6	474.502	Surcharged
SW10	FEH: 30 years: +40 %: 15 mins: Summer	17.45 0	16.63 0	16.745	0.115	23.4	0.130	0.000	22.2	12.260	OK
SW9	FEH: 30 years: +40 %: 120 mins: Summer	17.47 0	16.27 0	16.389	0.119	37.6	0.135	0.000	36.0	95.359	OK
SW7	FEH: 30 years: +40 %: 120 mins: Summer	17.50 0	16.58 0	16.666	0.086	13.6	0.098	0.000	13.2	33.286	OK
SW8	FEH: 30 years: +40 %: 120 mins: Summer	17.50 0	16.38 0	16.489	0.109	19.8	0.123	0.000	18.9	49.691	OK
SW5	FEH: 30 years: +40 %: 120 mins: Summer	17.60 0	16.85 0	16.917	0.067	9.7	0.075	0.000	9.7	24.569	OK
SW6	FEH: 30 years: +40 %: 1440 mins: Winter	17.47 0	15.74 0	16.177	0.437	9.1	0.494	0.000	9.1	269.032	Surcharged
SW11	FEH: 30 years: +40 %: 15 mins: Summer	17.44 0	16.16 0	16.451	0.291	184.0	0.330	0.000	176.9	79.756	OK
SW12	FEH: 30 years: +40 %: 1440 mins: Winter	18.20 0	15.40 0	16.177	0.777	11.7	0.879	0.000	11.1	392.084	Surcharged
Surface Water Outfall	FEH: 30 years: +40 %: 1440 mins: Winter	13.83 0	13.38 0	13.446	0.066	6.7	0.000	0.000	6.7	974.093	OK
SW24	FEH: 30 years: +40 %: 240 mins: Summer	16.45 0	15.70 0	15.715	0.015	0.6	0.004	0.000	0.6	12.716	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 100 years: Increase Rainfall (%): +0: 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
SW13	FEH: 100 years: +0 %: 1440 mins: Winter	17.47 0	14.96 0	16.021	1.061	2.1	1.200	0.000	2.1	308.093	Surcharged
SW14	FEH: 100 years: +0 %: 1440 mins: Winter	16.50 0	14.46 0	14.497	0.037	2.1	0.042	0.000	2.1	307.721	OK
SW15	FEH: 100 years: +0 %: 1440 mins: Winter	15.75 0	13.96 0	14.026	0.066	6.6	0.075	0.000	6.6	958.708	OK
SW34	FEH: 100 years: +0 %: 1440 mins: Winter	17.00 0	14.37 0	14.424	0.054	4.7	0.061	0.000	4.7	651.995	OK
SW33	FEH: 100 years: +0 %: 1440 mins: Summer	16.60 0	14.66 0	14.714	0.054	4.7	0.061	0.000	4.7	645.605	OK
SW32	FEH: 100 years: +0 %: 1440 mins: Summer	16.90 0	14.73 0	15.327	0.597	4.7	0.675	0.000	4.7	645.978	Surcharged
SW16	FEH: 100 years: +0 %: 120 mins: Summer	17.15 0	16.40 0	16.521	0.121	24.8	0.137	0.000	23.5	60.834	OK
SW17	FEH: 100 years: +0 %: 120 mins: Summer	16.80 0	15.98 0	16.109	0.129	25.9	0.146	0.000	25.9	67.165	OK
SW18	FEH: 100 years: +0 %: 120 mins: Summer	16.91 0	15.61 0	15.749	0.139	34.0	0.157	0.000	34.1	88.933	OK
SW19	FEH: 100 years: +0 %: 120 mins: Summer	16.92 0	15.48 0	15.638	0.158	58.9	0.179	0.000	59.1	154.830	OK
SW20	FEH: 100 years: +0 %: 60 mins: Summer	17.00 0	16.25 0	16.290	0.040	4.0	0.046	0.000	3.7	6.919	OK
SW21	FEH: 100 years: +0 %: 120 mins: Summer	16.87 0	15.98 0	16.092	0.112	23.2	0.126	0.000	22.2	58.046	OK
SW30	FEH: 100 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.724	0.094	16.9	0.027	0.000	15.8	7.674	OK
SW31	FEH: 100 years: +0 %: 15 mins: Summer	16.45 0	15.30 0	15.442	0.142	50.2	0.160	0.000	48.5	23.057	OK
SW29	FEH: 100 years: +0 %: 1440 mins: Summer	16.60 0	14.89 0	15.327	0.437	19.0	0.494	0.000	18.7	496.500	Surcharged
SW28	FEH: 100 years: +0 %: 1440 mins: Summer	16.75 0	15.00 0	15.327	0.327	10.8	0.370	0.000	10.8	330.996	Surcharged
SW23	FEH: 100 years: +0 %: 1440 mins: Summer	16.50 0	15.12 0	15.327	0.207	8.2	0.234	0.000	8.1	277.042	OK
SW22	FEH: 100 years: +0 %: 15 mins: Summer	16.35 0	15.60 0	15.683	0.083	12.2	0.024	0.000	11.6	6.901	OK
SW27	FEH: 100 years: +0 %: 120 mins: Summer	16.45 0	15.37 0	15.449	0.079	14.1	0.090	0.000	13.6	54.232	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN				Date: 30/04/2026							
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy				Designed by: SV	Checked by: SP	Approved By: SP					
				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW26	FEH: 100 years: +0 %: 15 mins: Summer	16.45 0	15.63 0	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 100 years: +0 %: 15 mins: Summer	16.45 0	15.39 0	15.469	0.079	9.2	0.089	0.000	8.7	5.462	OK
SW1	FEH: 100 years: +0 %: 60 mins: Summer	17.45 0	16.70 0	16.782	0.082	8.2	0.023	0.000	7.9	14.948	OK
SW2	FEH: 100 years: +0 %: 15 mins: Summer	17.45 0	16.52 0	16.628	0.108	20.0	0.030	0.000	18.7	9.102	OK
SW3	FEH: 100 years: +0 %: 120 mins: Summer	17.45 0	16.23 0	16.354	0.124	40.3	0.140	0.000	38.3	100.071	OK
SW4	FEH: 100 years: +0 %: 1440 mins: Winter	17.45 0	15.43 0	16.021	0.591	14.3	0.669	0.000	14.3	416.612	Surcharged
SW10	FEH: 100 years: +0 %: 15 mins: Summer	17.45 0	16.63 0	16.738	0.108	21.0	0.122	0.000	20.0	9.549	OK
SW9	FEH: 100 years: +0 %: 120 mins: Summer	17.47 0	16.27 0	16.381	0.111	33.5	0.125	0.000	32.1	84.968	OK
SW7	FEH: 100 years: +0 %: 120 mins: Summer	17.50 0	16.58 0	16.661	0.081	12.2	0.092	0.000	11.8	29.660	OK
SW8	FEH: 100 years: +0 %: 120 mins: Summer	17.50 0	16.38 0	16.481	0.101	17.6	0.114	0.000	16.8	44.243	OK
SW5	FEH: 100 years: +0 %: 120 mins: Summer	17.60 0	16.85 0	16.912	0.062	8.7	0.071	0.000	8.6	21.896	OK
SW6	FEH: 100 years: +0 %: 1440 mins: Winter	17.47 0	15.74 0	16.021	0.281	8.1	0.318	0.000	8.1	235.987	OK
SW11	FEH: 100 years: +0 %: 15 mins: Summer	17.44 0	16.16 0	16.427	0.267	165.2	0.301	0.000	157.3	71.629	OK
SW12	FEH: 100 years: +0 %: 1440 mins: Winter	18.20 0	15.40 0	16.021	0.621	10.4	0.703	0.000	10.2	350.041	Surcharged
Surface Water Outfall	FEH: 100 years: +0 %: 1440 mins: Winter	13.83 0	13.38 0	13.445	0.065	6.6	0.000	0.000	6.6	958.708	OK
SW24	FEH: 100 years: +0 %: 240 mins: Summer	16.45 0	15.70 0	15.715	0.015	0.6	0.004	0.000	0.6	11.768	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 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
SW13	FEH: 100 years: +45 %: 1440 mins: Winter	17.47 0	14.96 0	16.587	1.627	3.2	1.840	0.000	2.6	372.818	Surcharged
SW14	FEH: 100 years: +45 %: 1440 mins: Winter	16.50 0	14.46 0	14.501	0.041	2.6	0.046	0.000	2.6	372.382	OK
SW15	FEH: 100 years: +45 %: 360 mins: Summer	15.75 0	13.96 0	14.027	0.067	6.7	0.075	0.000	6.7	233.567	OK
SW34	FEH: 100 years: +45 %: 1440 mins: Winter	17.00 0	14.37 0	14.424	0.054	4.7	0.061	0.000	4.7	595.286	OK
SW33	FEH: 100 years: +45 %: 120 mins: Summer	16.60 0	14.66 0	14.714	0.054	4.7	0.061	0.000	4.7	50.120	OK
SW32	FEH: 100 years: +45 %: 1440 mins: Summer	16.90 0	14.73 0	15.686	0.956	4.7	1.082	0.000	4.7	589.105	Surcharged
SW16	FEH: 100 years: +45 %: 60 mins: Summer	17.15 0	16.40 0	16.588	0.188	44.6	0.213	0.000	42.1	75.934	OK
SW17	FEH: 100 years: +45 %: 60 mins: Summer	16.80 0	15.98 0	16.174	0.194	46.2	0.219	0.000	42.7	83.857	OK
SW18	FEH: 100 years: +45 %: 60 mins: Summer	16.91 0	15.61 0	15.803	0.193	56.2	0.218	0.000	55.6	111.007	OK
SW19	FEH: 100 years: +45 %: 60 mins: Summer	16.92 0	15.48 0	15.700	0.220	99.8	0.249	0.000	96.1	192.847	OK
SW20	FEH: 100 years: +45 %: 60 mins: Summer	17.00 0	16.25 0	16.300	0.050	6.0	0.057	0.000	5.9	11.822	OK
SW21	FEH: 100 years: +45 %: 60 mins: Summer	16.87 0	15.98 0	16.142	0.162	41.4	0.183	0.000	37.5	72.608	OK
SW30	FEH: 100 years: +45 %: 60 mins: Summer	16.45 0	15.63 0	15.754	0.124	26.3	0.035	0.000	25.4	41.235	OK
SW31	FEH: 100 years: +45 %: 1440 mins: Summer	16.45 0	15.30 0	15.686	0.386	12.0	0.437	0.000	12.0	249.969	Surcharged
SW29	FEH: 100 years: +45 %: 1440 mins: Summer	16.60 0	14.89 0	15.686	0.796	26.1	0.901	0.000	25.7	725.903	Surcharged
SW28	FEH: 100 years: +45 %: 1440 mins: Summer	16.75 0	15.00 0	15.687	0.687	14.5	0.776	0.000	14.2	480.048	Surcharged
SW23	FEH: 100 years: +45 %: 1440 mins: Summer	16.50 0	15.12 0	15.687	0.567	10.9	0.641	0.000	10.7	401.548	Surcharged
SW22	FEH: 100 years: +45 %: 15 mins: Summer	16.35 0	15.60 0	15.708	0.108	17.7	0.031	0.000	16.8	9.618	OK
SW27	FEH: 100 years: +45 %: 1440 mins: Summer	16.45 0	15.37 0	15.687	0.317	6.2	0.358	0.000	6.2	235.058	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN				Date: 30/04/2026							
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy				Designed by: SV	Checked by: SP	Approved By: SP					
				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW26	FEH: 100 years: +45 %: 1440 mins: Summer	16.45 0	15.63 0	15.687	0.057	0.0	0.016	0.000	0.0	0.112	OK
SW25	FEH: 100 years: +45 %: 1440 mins: Summer	16.45 0	15.39 0	15.687	0.297	3.1	0.336	0.000	3.1	172.008	OK
SW1	FEH: 100 years: +45 %: 60 mins: Summer	17.45 0	16.70 0	16.818	0.118	13.6	0.033	0.000	12.9	25.061	OK
SW2	FEH: 100 years: +45 %: 60 mins: Summer	17.45 0	16.52 0	16.669	0.149	32.4	0.042	0.000	31.2	52.666	OK
SW3	FEH: 100 years: +45 %: 1440 mins: Winter	17.45 0	16.23 0	16.587	0.357	9.0	0.403	0.000	9.0	282.735	Surcharged
SW4	FEH: 100 years: +45 %: 1440 mins: Winter	17.45 0	15.43 0	16.587	1.157	20.7	1.308	0.000	20.1	632.961	Surcharged
SW10	FEH: 100 years: +45 %: 60 mins: Summer	17.45 0	16.63 0	16.770	0.140	32.2	0.159	0.000	31.5	50.230	OK
SW9	FEH: 100 years: +45 %: 1440 mins: Winter	17.47 0	16.27 0	16.587	0.317	7.7	0.358	0.000	7.7	240.328	Surcharged
SW7	FEH: 100 years: +45 %: 60 mins: Summer	17.50 0	16.58 0	16.694	0.114	21.9	0.128	0.000	21.4	37.001	OK
SW8	FEH: 100 years: +45 %: 1440 mins: Winter	17.50 0	16.38 0	16.587	0.207	4.1	0.234	0.000	4.1	127.080	OK
SW5	FEH: 100 years: +45 %: 60 mins: Summer	17.60 0	16.85 0	16.931	0.081	14.2	0.091	0.000	13.9	27.931	OK
SW6	FEH: 100 years: +45 %: 1440 mins: Winter	17.47 0	15.74 0	16.587	0.847	11.7	0.958	0.000	11.7	358.221	Surcharged
SW11	FEH: 100 years: +45 %: 15 mins: Summer	17.44 0	16.16 0	17.137	0.977	239.6	1.105	0.000	228.6	103.700	Surcharged
SW12	FEH: 100 years: +45 %: 1440 mins: Winter	18.20 0	15.40 0	16.587	1.187	15.1	1.342	0.000	14.5	505.909	Surcharged
Surface Water Outfall	FEH: 100 years: +45 %: 360 mins: Summer	13.83 0	13.38 0	13.446	0.066	6.7	0.000	0.000	6.7	233.567	OK
SW24	FEH: 100 years: +45 %: 240 mins: Summer	16.45 0	15.70 0	15.716	0.016	0.7	0.004	0.000	0.7	14.802	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Designed by: SV	Checked by: SP		Approved By: SP
		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 2 years: +0 %: 960 mins: Summer	15.351	15.351	0.351	0.351	23.8	213.678	0.000	0.000	2.1	197.764		78.052
Att Tank 2	FEH: 2 years: +0 %: 1440 mins: Summer	14.959	14.959	0.199	0.199	20.2	251.612	0.000	0.000	4.3	385.666		83.460
Courtyard East Paving	FEH: 2 years: +0 %: 360 mins: Summer	16.464	16.440	0.039	0.125	6.3	22.398	0.000	0.000	1.7	33.254		79.369
Courtyard West Paving	FEH: 2 years: +0 %: 240 mins: Summer	16.036	16.019	0.036	0.110	4.7	10.540	0.000	0.000	1.5	17.120		81.418
Courtyard Centre Paving	FEH: 2 years: +0 %: 240 mins: Summer	16.095	16.095	0.042	0.095	1.8	4.378	0.000	0.000	0.4	6.483		81.792
MUGA Phase 1	FEH: 2 years: +0 %: 240 mins: Summer	16.532	15.946	0.038	0.030	16.2	31.833	0.000	0.000	7.2	58.223		85.991

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Status
OK
OK
OK
OK
OK
OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
		Designed by: SV	Checked by: SP		Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 10 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 10 years: +0 %: 1440 mins: Winter	15.587	15.587	0.587	0.587	16.2	356.968	0.000	0.000	2.1	292.169		63.333
Att Tank 2	FEH: 10 years: +0 %: 960 mins: Winter	15.078	15.078	0.318	0.318	26.0	402.563	0.000	0.000	4.6	397.443		73.538
Courtyard East Paving	FEH: 10 years: +0 %: 360 mins: Summer	16.485	16.482	0.061	0.167	9.2	33.369	0.000	0.000	2.0	48.453		69.263
Courtyard West Paving	FEH: 10 years: +0 %: 240 mins: Summer	16.062	16.058	0.062	0.149	7.0	16.069	0.000	0.000	1.8	25.738		71.670
Courtyard Centre Paving	FEH: 10 years: +0 %: 240 mins: Summer	16.132	16.133	0.080	0.133	2.7	6.815	0.000	0.000	0.5	8.888		71.657
MUGA Phase 1	FEH: 10 years: +0 %: 120 mins: Summer	16.550	15.954	0.055	0.038	35.6	43.906	0.000	0.000	12.2	65.556		80.677

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Status
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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 30 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 30 years: +0 %: 1440 mins: Winter	15.775	15.775	0.775	0.775	19.8	471.441	0.000	0.000	2.1	279.985		51.575
Att Tank 2	FEH: 30 years: +0 %: 960 mins: Summer	15.180	15.180	0.420	0.420	44.6	531.747	0.000	0.000	4.7	420.098		65.046
Courtyard East Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.516	16.512	0.091	0.197	15.2	42.292	0.000	0.000	2.2	43.577		61.043
Courtyard West Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.091	16.088	0.091	0.179	8.7	20.528	0.000	0.000	2.0	32.120		63.809
Courtyard Centre Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.163	16.163	0.110	0.163	3.3	8.746	0.000	0.000	0.5	10.307		63.624
MUGA Phase 1	FEH: 30 years: +0 %: 120 mins: Summer	16.561	15.961	0.066	0.045	45.5	53.648	0.000	0.000	17.0	85.987		76.390

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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Designed by: SV	Checked by: SP		Approved By: SP
		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 30 years: +40 %: 1440 mins: Winter	16.177	16.177	1.177	1.177	26.6	715.524	0.000	0.000	2.2	328.370		26.504
Att Tank 2	FEH: 30 years: +40 %: 1440 mins: Summer	15.424	15.424	0.664	0.664	46.6	841.514	0.000	0.000	4.7	642.505	395	44.683
Courtyard East Paving	FEH: 30 years: +40 %: 360 mins: Summer	16.581	16.576	0.156	0.261	16.0	61.161	0.000	0.000	2.5	75.607	115	43.663
Courtyard West Paving	FEH: 30 years: +40 %: 240 mins: Summer	16.152	16.148	0.152	0.239	12.2	29.807	0.000	0.000	2.4	43.937	35	47.449
Courtyard Centre Paving	FEH: 30 years: +40 %: 240 mins: Summer	16.225	16.225	0.172	0.225	4.7	12.752	0.000	0.000	0.6	12.741	60	46.964
MUGA Phase 1	FEH: 30 years: +40 %: 120 mins: Summer	16.580	15.970	0.085	0.054	63.7	72.386	0.000	0.000	24.9	123.710		68.143

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 100 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 100 years: +0 %: 1440 mins: Winter	16.021	16.021	1.021	1.021	24.2	620.922	0.000	0.000	2.1	309.287	1185	36.221
Att Tank 2	FEH: 100 years: +0 %: 1440 mins: Summer	15.327	15.327	0.567	0.567	41.9	718.214	0.000	0.000	4.7	646.688		52.788
Courtyard East Paving	FEH: 100 years: +0 %: 360 mins: Summer	16.554	16.549	0.129	0.234	14.1	53.337	0.000	0.000	2.4	69.488		50.869
Courtyard West Paving	FEH: 100 years: +0 %: 240 mins: Summer	16.127	16.123	0.127	0.214	10.8	25.978	0.000	0.000	2.3	39.360		54.200
Courtyard Centre Paving	FEH: 100 years: +0 %: 240 mins: Summer	16.199	16.199	0.147	0.199	4.1	11.096	0.000	0.000	0.6	11.791		53.851
MUGA Phase 1	FEH: 100 years: +0 %: 120 mins: Summer	16.573	15.967	0.078	0.051	56.8	64.863	0.000	0.000	22.2	109.358		71.454

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			



FEH: 100 years: Increase Rainfall (%): +45: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 100 years: +45 %: 1440 mins: Winter	16.587	16.587	1.587	1.587	34.7	964.683	0.000	0.000	3.2	375.807		0.911
Att Tank 2	FEH: 100 years: +45 %: 1440 mins: Summer	15.686	15.686	0.926	0.926	59.6	1173.936	0.000	0.000	4.7	590.386		22.831
Courtyard East Paving	FEH: 100 years: +45 %: 360 mins: Summer	16.648	16.641	0.223	0.326	20.5	80.492	0.000	0.000	2.9	88.613	235	25.856
Courtyard West Paving	FEH: 100 years: +45 %: 240 mins: Summer	16.215	16.210	0.215	0.301	15.7	39.337	0.000	0.000	2.7	53.112	120	30.648
Courtyard Centre Paving	FEH: 100 years: +45 %: 240 mins: Winter	16.290	16.290	0.237	0.290	4.0	16.887	0.000	0.000	0.7	14.842	140	29.767
MUGA Phase 1	FEH: 100 years: +45 %: 120 mins: Summer	16.599	15.976	0.104	0.060	82.3	92.580	0.000	0.000	30.9	161.917		59.256

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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 2 years: Increase Rainfall (%): +0: 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
SW80	FEH: 2 years: +0 %: 1440 mins: Summer	14.35 0	12.88 5	13.123	0.238	8.6	0.341	0.000	8.6	839.535	Surcharged
SW81	FEH: 2 years: +0 %: 1440 mins: Summer	14.39 0	12.67 5	12.764	0.089	8.6	0.100	0.000	8.6	839.294	OK
SW82	FEH: 2 years: +0 %: 1440 mins: Summer	14.33 0	12.58 0	12.663	0.083	8.6	0.000	0.000	8.6	839.294	OK
SW35	FEH: 2 years: +0 %: 15 mins: Summer	17.44 0	16.39 0	16.487	0.097	24.0	0.109	0.000	23.2	10.390	OK
SW36	FEH: 2 years: +0 %: 15 mins: Summer	17.87 0	15.90 0	16.026	0.126	43.6	0.143	0.000	41.3	19.607	OK
SW37	FEH: 2 years: +0 %: 15 mins: Summer	17.66 0	16.61 0	16.678	0.068	13.7	0.077	0.000	12.8	5.940	OK
SW38	FEH: 2 years: +0 %: 15 mins: Summer	17.12 0	15.41 0	15.520	0.110	46.8	0.125	0.000	44.3	21.928	OK
SW39	FEH: 2 years: +0 %: 15 mins: Summer	15.90 0	14.50 0	14.611	0.111	52.0	0.126	0.000	49.6	25.238	OK
SW40	FEH: 2 years: +0 %: 15 mins: Summer	14.89 0	13.69 0	13.845	0.155	53.7	0.175	0.000	49.9	28.898	OK
SW43	FEH: 2 years: +0 %: 15 mins: Summer	15.00 0	13.42 0	13.566	0.146	59.3	0.165	0.000	56.7	33.859	OK
SW47	FEH: 2 years: +0 %: 30 mins: Summer	14.24 0	13.04 0	13.289	0.249	63.2	0.282	0.000	62.8	61.060	OK
SW53	FEH: 2 years: +0 %: 30 mins: Summer	14.28 0	12.98 0	13.213	0.233	86.4	0.334	0.000	86.4	90.802	OK
SW44	FEH: 2 years: +0 %: 30 mins: Summer	15.20 0	14.45 0	14.541	0.091	1.3	0.026	0.000	1.3	1.483	OK
SW45	FEH: 2 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.189	0.039	3.7	0.044	0.000	3.6	2.438	OK
SW46	FEH: 2 years: +0 %: 15 mins: Summer	15.60 0	13.83 0	13.868	0.038	3.6	0.043	0.000	3.3	2.406	OK
SW54	FEH: 2 years: +0 %: 15 mins: Summer	15.31 0	14.26 0	14.320	0.060	7.6	0.068	0.000	6.9	3.282	OK
SW55	FEH: 2 years: +0 %: 15 mins: Summer	14.71 0	13.56 0	13.647	0.087	11.4	0.098	0.000	10.9	5.251	OK
SW56	FEH: 2 years: +0 %: 15 mins: Summer	14.59 0	13.44 0	13.527	0.087	12.9	0.099	0.000	11.5	6.139	OK
SW57	FEH: 2 years: +0 %: 30 mins: Summer	14.37 0	13.19 0	13.294	0.104	18.3	0.117	0.000	17.9	19.810	OK
SW59	FEH: 2 years: +0 %: 15 mins: Summer	14.55 0	13.37 0	13.416	0.046	4.7	0.052	0.000	4.3	3.019	OK
SW49	FEH: 2 years: +0 %: 30 mins: Summer	14.91 0	13.86 0	14.141	0.281	3.0	0.079	0.000	2.6	2.695	Surcharged
SW50	FEH: 2 years: +0 %: 15 mins: Summer	14.82 5	13.77 5	13.993	0.218	2.5	0.062	0.000	2.3	1.667	Surcharged
SW51	FEH: 2 years: +0 %: 30 mins: Summer	14.54 2	13.49 2	13.745	0.253	2.5	0.072	0.000	2.5	2.785	Surcharged
SW52	FEH: 2 years: +0 %: 60 mins: Summer	14.39 5	13.34 5	13.480	0.135	1.8	0.038	0.000	1.7	2.960	OK
SW62	FEH: 2 years: +0 %: 120 mins: Summer	14.30 9	13.25 9	13.907	0.648	4.4	0.183	0.000	4.1	11.367	Surcharged
SW63	FEH: 2 years: +0 %: 120 mins: Summer	14.31 4	13.26 4	13.406	0.142	1.8	0.040	0.000	1.8	4.934	OK
SW61	FEH: 2 years: +0 %: 120 mins: Summer	14.42 1	13.37 1	14.008	0.637	4.5	0.180	0.000	4.0	13.637	Surcharged
SW58	FEH: 2 years: +0 %: 15 mins: Summer	14.50 0	13.45 0	13.601	0.151	1.9	0.043	0.000	1.8	1.283	Surcharged
SW60	FEH: 2 years: +0 %: 120 mins: Summer	14.60 0	13.55 0	14.256	0.706	0.9	0.200	0.000	0.9	3.143	Surcharged

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				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW42	FEH: 2 years: +0 %: 120 mins: Summer	14.76 4	14.11 4	14.133	0.019	1.4	0.005	0.000	1.4	4.685	OK
SW41	FEH: 2 years: +0 %: 15 mins: Summer	14.98 0	14.38 0	14.598	0.218	2.3	0.062	0.000	2.3	1.890	Surcharged
SW70	FEH: 2 years: +0 %: 15 mins: Summer	15.38 0	13.98 5	14.096	0.111	20.7	0.126	0.000	19.8	10.792	OK
SW71	FEH: 2 years: +0 %: 15 mins: Summer	15.30 0	13.78 5	13.875	0.090	35.7	0.102	0.000	34.6	18.361	OK
SW69	FEH: 2 years: +0 %: 360 mins: Summer	15.31 0	14.56 0	14.592	0.032	5.7	0.037	0.000	5.7	72.635	OK
SW68	FEH: 2 years: +0 %: 15 mins: Summer	15.31 0	14.19 0	14.274	0.084	13.6	0.095	0.000	11.9	7.054	OK
SW67	FEH: 2 years: +0 %: 15 mins: Summer	15.31 0	14.56 0	14.624	0.064	8.4	0.018	0.000	7.9	3.666	OK
SW72	FEH: 2 years: +0 %: 15 mins: Summer	15.27 0	14.52 0	14.585	0.065	10.2	0.018	0.000	8.4	4.409	OK
SW65	FEH: 2 years: +0 %: 15 mins: Summer	14.35 0	13.30 0	13.380	0.080	16.6	0.090	0.000	15.5	7.371	OK
SW66	FEH: 2 years: +0 %: 15 mins: Summer	14.70 0	13.65 0	13.703	0.053	7.2	0.060	0.000	6.9	3.124	OK
SW64	FEH: 2 years: +0 %: 15 mins: Summer	14.27 0	13.22 0	13.395	0.175	6.7	0.050	0.000	6.2	2.750	OK
Rainwater Harvester	FEH: 2 years: +0 %: 15 mins: Summer	16.50 0	15.23 0	15.339	0.109	18.0	0.123	0.000	16.3	8.636	OK
SW74	FEH: 2 years: +0 %: 15 mins: Summer	16.50 0	15.14 0	15.262	0.122	23.7	0.138	0.000	22.3	11.787	OK
SW75	FEH: 2 years: +0 %: 15 mins: Summer	16.00 0	14.95 0	15.048	0.098	27.7	0.111	0.000	26.3	14.087	OK
SW76	FEH: 2 years: +0 %: 15 mins: Summer	16.03 0	14.40 0	14.487	0.087	32.1	0.099	0.000	31.1	16.583	OK
SW78	FEH: 2 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.174	0.024	1.4	0.027	0.000	1.2	0.587	OK
SW77	FEH: 2 years: +0 %: 15 mins: Summer	15.55 0	13.54 0	13.675	0.135	36.0	0.152	0.000	32.6	18.990	OK
SW79	FEH: 2 years: +0 %: 15 mins: Summer	15.35 0	13.31 0	13.446	0.136	38.6	0.154	0.000	37.1	21.574	OK
SW48	FEH: 2 years: +0 %: 15 mins: Summer	14.95 0	14.20 0	14.235	0.035	5.2	0.010	0.000	5.1	2.254	OK
SW26	FEH: 2 years: +0 %: 15 mins: Winter	16.45 0	15.43 0	15.510	0.080	11.4	0.023	0.000	11.0	5.431	OK
SW25	FEH: 2 years: +0 %: 15 mins: Winter	16.45 0	15.70 0	15.772	0.072	7.9	0.020	0.000	7.5	3.631	OK

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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 10 years: Increase Rainfall (%): +0: 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
SW80	FEH: 10 years: +0 %: 960 mins: Winter	14.35 0	12.88 5	13.210	0.325	10.0	0.465	0.000	10.0	830.385	Surcharged
SW81	FEH: 10 years: +0 %: 960 mins: Winter	14.39 0	12.67 5	12.773	0.098	10.0	0.111	0.000	10.0	829.932	OK
SW82	FEH: 10 years: +0 %: 960 mins: Winter	14.33 0	12.58 0	12.671	0.091	10.0	0.000	0.000	10.0	829.932	OK
SW35	FEH: 10 years: +0 %: 15 mins: Summer	17.44 0	16.39 0	16.527	0.137	40.7	0.155	0.000	39.4	17.613	OK
SW36	FEH: 10 years: +0 %: 15 mins: Summer	17.87 0	15.90 0	16.075	0.175	74.9	0.198	0.000	70.7	33.241	OK
SW37	FEH: 10 years: +0 %: 15 mins: Summer	17.66 0	16.61 0	16.701	0.091	23.3	0.103	0.000	22.7	10.058	OK
SW38	FEH: 10 years: +0 %: 15 mins: Summer	17.12 0	15.41 0	15.561	0.151	79.9	0.171	0.000	76.0	37.187	OK
SW39	FEH: 10 years: +0 %: 15 mins: Summer	15.90 0	14.50 0	14.655	0.155	89.1	0.175	0.000	85.0	42.789	OK
SW40	FEH: 10 years: +0 %: 15 mins: Summer	14.89 0	13.69 0	13.917	0.227	92.4	0.257	0.000	85.1	49.428	OK
SW43	FEH: 10 years: +0 %: 30 mins: Summer	15.00 0	13.42 0	13.653	0.233	85.4	0.263	0.000	83.1	79.374	OK
SW47	FEH: 10 years: +0 %: 30 mins: Summer	14.24 0	13.04 0	13.458	0.418	105.8	0.473	0.000	104.5	105.880	Surcharged
SW53	FEH: 10 years: +0 %: 30 mins: Summer	14.28 0	12.98 0	13.296	0.316	145.3	0.452	0.000	156.8	158.817	OK
SW44	FEH: 10 years: +0 %: 30 mins: Summer	15.20 0	14.45 0	14.694	0.244	2.5	0.069	0.000	2.4	2.624	Surcharged
SW45	FEH: 10 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.204	0.054	6.7	0.061	0.000	6.4	4.313	OK
SW46	FEH: 10 years: +0 %: 15 mins: Summer	15.60 0	13.83 0	13.882	0.052	6.4	0.058	0.000	6.3	4.265	OK
SW54	FEH: 10 years: +0 %: 15 mins: Summer	15.31 0	14.26 0	14.342	0.082	12.9	0.093	0.000	11.7	5.559	OK
SW55	FEH: 10 years: +0 %: 15 mins: Summer	14.71 0	13.56 0	13.680	0.120	19.5	0.136	0.000	18.7	8.898	OK
SW56	FEH: 10 years: +0 %: 15 mins: Summer	14.59 0	13.44 0	13.560	0.120	22.2	0.135	0.000	20.0	10.408	OK
SW57	FEH: 10 years: +0 %: 30 mins: Summer	14.37 0	13.19 0	13.351	0.161	31.5	0.182	0.000	31.2	35.284	OK
SW59	FEH: 10 years: +0 %: 15 mins: Summer	14.55 0	13.37 0	13.432	0.062	8.4	0.070	0.000	7.9	5.268	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026				
	Designed by: SV	Checked by: SP	Approved By: SP		
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW49	FEH: 10 years: +0 %: 30 mins: Summer	14.91 0	13.86 0	14.501	0.641	4.5	0.182	0.000	4.1	4.640	Surcharged
SW50	FEH: 10 years: +0 %: 30 mins: Summer	14.82 5	13.77 5	14.340	0.565	4.6	0.160	0.000	3.8	4.166	Surcharged
SW51	FEH: 10 years: +0 %: 30 mins: Summer	14.54 2	13.49 2	14.135	0.643	5.0	0.182	0.000	4.1	4.905	Surcharged
SW52	FEH: 10 years: +0 %: 30 mins: Summer	14.39 5	13.34 5	13.802	0.457	3.5	0.129	0.000	3.4	3.870	Surcharged
SW62	FEH: 10 years: +0 %: 60 mins: Summer	14.30 9	13.25 9	14.046	0.787	4.7	0.223	0.000	4.5	13.692	Flood Risk
SW63	FEH: 10 years: +0 %: 60 mins: Summer	14.31 4	13.26 4	13.664	0.400	3.6	0.113	0.000	3.2	5.880	Surcharged
SW61	FEH: 10 years: +0 %: 120 mins: Summer	14.42 1	13.37 1	14.156	0.785	4.9	0.222	0.000	4.5	22.724	Flood Risk
SW58	FEH: 10 years: +0 %: 15 mins: Summer	14.50 0	13.45 0	13.837	0.387	3.2	0.110	0.000	3.1	2.291	Surcharged
SW60	FEH: 10 years: +0 %: 120 mins: Summer	14.60 0	13.55 0	14.307	0.757	1.4	0.214	0.000	1.4	5.465	Flood Risk
SW42	FEH: 10 years: +0 %: 60 mins: Summer	14.76 4	14.11 4	14.139	0.025	2.4	0.007	0.000	2.4	5.382	OK
SW41	FEH: 10 years: +0 %: 30 mins: Summer	14.98 0	14.38 0	14.704	0.324	3.1	0.092	0.000	2.9	4.597	Flood Risk
SW70	FEH: 10 years: +0 %: 15 mins: Summer	15.38 0	13.98 5	14.143	0.158	35.7	0.179	0.000	34.3	19.112	OK
SW71	FEH: 10 years: +0 %: 15 mins: Summer	15.30 0	13.78 5	13.909	0.124	61.6	0.141	0.000	60.0	31.965	OK
SW69	FEH: 10 years: +0 %: 240 mins: Summer	15.31 0	14.56 0	14.603	0.043	9.5	0.048	0.000	9.5	93.271	OK
SW68	FEH: 10 years: +0 %: 15 mins: Summer	15.31 0	14.19 0	14.307	0.117	23.4	0.132	0.000	20.8	12.770	OK
SW67	FEH: 10 years: +0 %: 15 mins: Summer	15.31 0	14.56 0	14.645	0.085	14.3	0.024	0.000	13.6	6.220	OK
SW72	FEH: 10 years: +0 %: 15 mins: Summer	15.27 0	14.52 0	14.608	0.088	17.3	0.025	0.000	14.7	7.496	OK
SW65	FEH: 10 years: +0 %: 15 mins: Summer	14.35 0	13.30 0	13.407	0.107	28.4	0.121	0.000	27.0	12.616	OK
SW66	FEH: 10 years: +0 %: 15 mins: Summer	14.70 0	13.65 0	13.720	0.070	12.2	0.079	0.000	11.8	5.302	OK
SW64	FEH: 10 years: +0 %: 15 mins: Summer	14.27 0	13.22 0	13.431	0.211	11.3	0.060	0.000	10.8	4.763	OK
Rainwater Harvester	FEH: 10 years: +0 %: 15 mins: Summer	16.50 0	15.23 0	15.390	0.160	30.9	0.181	0.000	28.1	14.812	OK
SW74	FEH: 10 years: +0 %: 15 mins: Summer	16.50 0	15.14 0	15.317	0.177	40.6	0.200	0.000	38.3	20.171	OK
SW75	FEH: 10 years: +0 %: 15 mins: Summer	16.00 0	14.95 0	15.088	0.138	47.5	0.156	0.000	45.4	24.089	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
		Designed by: SV	Checked by: SP	Approved By: SP	
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW76	FEH: 10 years: +0 %: 15 mins: Summer	16.03 0	14.40 0	14.520	0.120	55.3	0.135	0.000	53.7	28.334	OK
SW78	FEH: 10 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.182	0.032	2.3	0.036	0.000	2.1	0.986	OK
SW77	FEH: 10 years: +0 %: 15 mins: Summer	15.55 0	13.54 0	13.766	0.226	62.3	0.256	0.000	54.8	32.544	Surcharged
SW79	FEH: 10 years: +0 %: 15 mins: Summer	15.35 0	13.31 0	13.508	0.198	65.0	0.224	0.000	63.7	36.942	OK
SW48	FEH: 10 years: +0 %: 15 mins: Summer	14.95 0	14.20 0	14.247	0.047	8.8	0.013	0.000	8.8	3.815	OK
SW26	FEH: 10 years: +0 %: 15 mins: Winter	16.45 0	15.43 0	15.537	0.107	19.4	0.030	0.000	18.8	9.208	OK
SW25	FEH: 10 years: +0 %: 15 mins: Winter	16.45 0	15.70 0	15.801	0.101	13.4	0.029	0.000	12.8	6.160	OK

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FEH: 30 years: Increase Rainfall (%): +0: 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
SW80	FEH: 30 years: +0 %: 960 mins: Winter	14.35 0	12.88 5	13.285	0.400	10.4	0.572	0.000	10.4	917.221	Surcharged
SW81	FEH: 30 years: +0 %: 960 mins: Winter	14.39 0	12.67 5	12.776	0.101	10.4	0.114	0.000	10.4	916.664	OK
SW82	FEH: 30 years: +0 %: 960 mins: Winter	14.33 0	12.58 0	12.674	0.094	10.4	0.000	0.000	10.4	916.664	OK
SW35	FEH: 30 years: +0 %: 15 mins: Summer	17.44 0	16.39 0	16.560	0.170	53.1	0.192	0.000	51.6	23.033	OK
SW36	FEH: 30 years: +0 %: 15 mins: Summer	17.87 0	15.90 0	16.114	0.214	98.1	0.242	0.000	93.6	43.493	OK
SW37	FEH: 30 years: +0 %: 15 mins: Summer	17.66 0	16.61 0	16.715	0.105	30.4	0.118	0.000	29.6	13.150	OK
SW38	FEH: 30 years: +0 %: 15 mins: Summer	17.12 0	15.41 0	15.591	0.181	105.6	0.205	0.000	100.6	48.644	OK
SW39	FEH: 30 years: +0 %: 15 mins: Summer	15.90 0	14.50 0	14.683	0.183	117.6	0.207	0.000	114.2	55.906	OK
SW40	FEH: 30 years: +0 %: 15 mins: Summer	14.89 0	13.69 0	14.296	0.606	123.1	0.685	0.000	103.3	70.097	Surcharged
SW43	FEH: 30 years: +0 %: 15 mins: Summer	15.00 0	13.42 0	13.981	0.561	116.9	0.635	0.000	109.8	79.131	Surcharged
SW47	FEH: 30 years: +0 %: 30 mins: Summer	14.24 0	13.04 0	13.613	0.573	135.6	0.648	0.000	134.1	139.040	Surcharged
SW53	FEH: 30 years: +0 %: 60 mins: Summer	14.28 0	12.98 0	13.332	0.352	175.8	0.504	0.000	156.1	273.809	OK
SW44	FEH: 30 years: +0 %: 30 mins: Summer	15.20 0	14.45 0	14.805	0.355	3.5	0.101	0.000	3.0	3.357	Surcharged
SW45	FEH: 30 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.214	0.064	9.0	0.072	0.000	8.9	5.659	OK
SW46	FEH: 30 years: +0 %: 30 mins: Summer	15.60 0	13.83 0	13.995	0.165	7.7	0.186	0.000	7.2	7.869	Surcharged
SW54	FEH: 30 years: +0 %: 15 mins: Summer	15.31 0	14.26 0	14.359	0.099	16.8	0.112	0.000	15.4	7.282	OK
SW55	FEH: 30 years: +0 %: 15 mins: Summer	14.71 0	13.56 0	13.703	0.143	25.5	0.162	0.000	24.4	11.649	OK
SW56	FEH: 30 years: +0 %: 15 mins: Summer	14.59 0	13.44 0	13.583	0.143	29.0	0.161	0.000	26.3	13.611	OK
SW57	FEH: 30 years: +0 %: 30 mins: Summer	14.37 0	13.19 0	13.397	0.207	40.3	0.234	0.000	39.1	44.246	OK
SW59	FEH: 30 years: +0 %: 15 mins: Summer	14.55 0	13.37 0	13.442	0.072	11.0	0.081	0.000	10.5	6.873	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026				
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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW49	FEH: 30 years: +0 %: 15 mins: Summer	14.91 0	13.86 0	14.607	0.747	7.5	0.211	0.000	4.4	4.800	Surcharged
SW50	FEH: 30 years: +0 %: 15 mins: Summer	14.82 5	13.77 5	14.457	0.682	4.4	0.193	0.000	4.2	3.819	Surcharged
SW51	FEH: 30 years: +0 %: 30 mins: Summer	14.54 2	13.49 2	14.211	0.719	4.8	0.203	0.000	4.3	6.280	Surcharged
SW52	FEH: 30 years: +0 %: 30 mins: Summer	14.39 5	13.34 5	14.010	0.665	4.5	0.188	0.000	4.0	4.966	Surcharged
SW62	FEH: 30 years: +0 %: 60 mins: Summer	14.30 9	13.25 9	14.107	0.848	6.9	0.240	0.000	4.7	18.048	Flood Risk
SW63	FEH: 30 years: +0 %: 60 mins: Summer	14.31 4	13.26 4	13.900	0.636	4.3	0.180	0.000	4.0	7.769	Surcharged
SW61	FEH: 30 years: +0 %: 120 mins: Summer	14.42 1	13.37 1	14.217	0.846	4.8	0.240	0.000	4.7	29.654	Flood Risk
SW58	FEH: 30 years: +0 %: 15 mins: Summer	14.50 0	13.45 0	14.039	0.589	4.0	0.167	0.000	3.8	2.975	Surcharged
SW60	FEH: 30 years: +0 %: 120 mins: Summer	14.60 0	13.55 0	14.347	0.797	1.6	0.226	0.000	1.6	7.258	Flood Risk
SW42	FEH: 30 years: +0 %: 30 mins: Summer	14.76 4	14.11 4	14.199	0.085	3.7	0.024	0.000	3.7	5.105	OK
SW41	FEH: 30 years: +0 %: 30 mins: Summer	14.98 0	14.38 0	14.761	0.381	3.3	0.108	0.000	3.1	5.875	Flood Risk
SW70	FEH: 30 years: +0 %: 15 mins: Summer	15.38 0	13.98 5	14.185	0.200	47.1	0.226	0.000	44.9	25.623	OK
SW71	FEH: 30 years: +0 %: 15 mins: Summer	15.30 0	13.78 5	13.932	0.147	80.7	0.167	0.000	78.9	42.430	OK
SW69	FEH: 30 years: +0 %: 240 mins: Summer	15.31 0	14.56 0	14.609	0.049	11.8	0.055	0.000	11.8	118.612	OK
SW68	FEH: 30 years: +0 %: 15 mins: Summer	15.31 0	14.19 0	14.330	0.140	30.8	0.158	0.000	27.6	17.338	OK
SW67	FEH: 30 years: +0 %: 15 mins: Summer	15.31 0	14.56 0	14.659	0.099	18.7	0.028	0.000	17.8	8.133	OK
SW72	FEH: 30 years: +0 %: 15 mins: Summer	15.27 0	14.52 0	14.623	0.103	22.7	0.029	0.000	19.4	9.801	OK
SW65	FEH: 30 years: +0 %: 15 mins: Summer	14.35 0	13.30 0	13.424	0.124	37.4	0.140	0.000	35.5	16.532	OK
SW66	FEH: 30 years: +0 %: 15 mins: Summer	14.70 0	13.65 0	13.731	0.081	16.0	0.092	0.000	15.5	6.928	OK
SW64	FEH: 30 years: +0 %: 15 mins: Summer	14.27 0	13.22 0	13.462	0.242	14.8	0.069	0.000	14.3	6.269	Surcharged
Rainwater Harvester	FEH: 30 years: +0 %: 15 mins: Summer	16.50 0	15.23 0	15.452	0.222	40.6	0.251	0.000	32.0	19.400	OK
SW74	FEH: 30 years: +0 %: 15 mins: Summer	16.50 0	15.14 0	15.383	0.243	48.3	0.274	0.000	46.6	26.425	Surcharged
SW75	FEH: 30 years: +0 %: 15 mins: Summer	16.00 0	14.95 0	15.112	0.162	58.5	0.183	0.000	56.9	31.550	OK

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
		Designed by: SV	Checked by: SP	Approved By: SP	
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SW76	FEH: 30 years: +0 %: 15 mins: Summer	16.03 0	14.40 0	14.542	0.142	69.8	0.161	0.000	68.6	37.106	OK
SW78	FEH: 30 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.188	0.038	3.0	0.043	0.000	2.8	1.287	OK
SW77	FEH: 30 years: +0 %: 15 mins: Summer	15.55 0	13.54 0	14.115	0.575	80.1	0.650	0.000	74.1	42.653	Surcharged
SW79	FEH: 30 years: +0 %: 15 mins: Summer	15.35 0	13.31 0	13.622	0.312	87.5	0.353	0.000	83.4	48.400	Surcharged
SW48	FEH: 30 years: +0 %: 15 mins: Summer	14.95 0	14.20 0	14.255	0.055	11.5	0.015	0.000	11.4	4.994	OK
SW26	FEH: 30 years: +0 %: 15 mins: Winter	16.45 0	15.43 0	15.556	0.126	25.2	0.036	0.000	24.5	12.036	OK
SW25	FEH: 30 years: +0 %: 15 mins: Winter	16.45 0	15.70 0	15.827	0.127	17.5	0.036	0.000	16.6	8.057	OK

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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 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
SW80	FEH: 30 years: +40 %: 1440 mins: Winter	14.35 0	12.88 5	13.457	0.572	10.7	0.819	0.000	10.6	1494.233	Surcharged
SW81	FEH: 30 years: +40 %: 480 mins: Summer	14.39 0	12.67 5	12.778	0.103	10.6	0.116	0.000	10.6	480.551	OK
SW82	FEH: 30 years: +40 %: 480 mins: Summer	14.33 0	12.58 0	12.675	0.095	10.6	0.000	0.000	10.6	480.551	OK
SW35	FEH: 30 years: +40 %: 15 mins: Summer	17.44 0	16.39 0	16.855	0.465	74.4	0.526	0.000	67.9	32.151	Surcharged
SW36	FEH: 30 years: +40 %: 15 mins: Summer	17.87 0	15.90 0	16.186	0.286	133.2	0.323	0.000	122.4	60.743	OK
SW37	FEH: 30 years: +40 %: 15 mins: Summer	17.66 0	16.61 0	16.739	0.129	42.6	0.146	0.000	41.6	18.354	OK
SW38	FEH: 30 years: +40 %: 15 mins: Summer	17.12 0	15.41 0	15.664	0.254	139.3	0.287	0.000	113.0	68.007	OK
SW39	FEH: 30 years: +40 %: 15 mins: Summer	15.90 0	14.50 0	15.204	0.704	136.9	0.797	0.000	135.5	78.364	Surcharged
SW40	FEH: 30 years: +40 %: 30 mins: Summer	14.89 0	13.69 0	14.666	0.976	126.6	1.104	0.000	112.0	143.604	Flood Risk
SW43	FEH: 30 years: +40 %: 30 mins: Summer	15.00 0	13.42 0	14.328	0.908	133.5	1.027	0.000	132.5	160.431	Surcharged
SW47	FEH: 30 years: +40 %: 30 mins: Summer	14.24 0	13.04 0	13.795	0.755	165.8	0.854	0.000	165.2	210.090	Surcharged
SW53	FEH: 30 years: +40 %: 1440 mins: Winter	14.28 0	12.98 0	13.459	0.479	25.2	0.686	0.000	25.1	865.538	Surcharged
SW44	FEH: 30 years: +40 %: 30 mins: Summer	15.20 0	14.45 0	15.004	0.554	4.6	0.157	0.000	3.8	4.908	Flood Risk
SW45	FEH: 30 years: +40 %: 15 mins: Summer	15.20 0	14.15 0	14.427	0.277	12.7	0.313	0.000	9.9	8.155	Surcharged
SW46	FEH: 30 years: +40 %: 15 mins: Summer	15.60 0	13.83 0	14.370	0.540	9.9	0.610	0.000	13.7	8.266	Surcharged
SW54	FEH: 30 years: +40 %: 15 mins: Summer	15.31 0	14.26 0	14.392	0.132	23.5	0.149	0.000	21.1	9.971	OK
SW55	FEH: 30 years: +40 %: 15 mins: Summer	14.71 0	13.56 0	13.746	0.186	35.2	0.210	0.000	33.5	16.264	OK
SW56	FEH: 30 years: +40 %: 15 mins: Summer	14.59 0	13.44 0	13.670	0.230	39.9	0.261	0.000	30.6	19.017	Surcharged
SW57	FEH: 30 years: +40 %: 15 mins: Summer	14.37 0	13.19 0	13.475	0.285	56.9	0.322	0.000	54.6	39.209	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN				Date: 30/04/2026							
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				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW59	FEH: 30 years: +40 %: 15 mins: Summer	14.55 0	13.37 0	13.494	0.124	14.4	0.141	0.000	12.9	9.769	OK
SW49	FEH: 30 years: +40 %: 15 mins: Summer	14.91 0	13.86 0	14.752	0.892	10.6	0.252	0.000	4.8	7.316	Flood Risk
SW50	FEH: 30 years: +40 %: 30 mins: Summer	14.82 5	13.77 5	14.585	0.810	5.3	0.229	0.000	4.6	7.710	Flood Risk
SW51	FEH: 30 years: +40 %: 30 mins: Summer	14.54 2	13.49 2	14.357	0.865	4.9	0.245	0.000	4.7	9.139	Flood Risk
SW52	FEH: 30 years: +40 %: 30 mins: Summer	14.39 5	13.34 5	14.145	0.800	4.4	0.226	0.000	4.5	7.370	Flood Risk
SW62	FEH: 30 years: +40 %: 60 mins: Summer	14.30 9	13.25 9	14.195	0.936	5.0	0.265	0.000	4.9	25.404	Flood Risk
SW63	FEH: 30 years: +40 %: 60 mins: Summer	14.31 4	13.26 4	14.009	0.745	4.8	0.211	0.000	4.4	11.164	Surcharged
SW61	FEH: 30 years: +40 %: 120 mins: Summer	14.42 1	13.37 1	14.314	0.943	5.1	0.267	0.000	4.9	41.998	Flood Risk
SW58	FEH: 30 years: +40 %: 15 mins: Summer	14.50 0	13.45 0	14.161	0.711	6.1	0.201	0.000	4.2	4.327	Surcharged
SW60	FEH: 30 years: +40 %: 120 mins: Summer	14.60 0	13.55 0	14.439	0.889	1.8	0.251	0.000	1.6	10.430	Flood Risk
SW42	FEH: 30 years: +40 %: 15 mins: Summer	14.76 4	14.11 4	14.651	0.537	22.5	0.152	0.000	20.1	21.768	Flood Risk
SW41	FEH: 30 years: +40 %: 15 mins: Summer	14.98 0	14.38 0	14.879	0.499	3.3	0.141	0.000	3.5	3.718	Flood Risk
SW70	FEH: 30 years: +40 %: 15 mins: Summer	15.38 0	13.98 5	14.334	0.349	57.3	0.395	0.000	55.4	40.292	Surcharged
SW71	FEH: 30 years: +40 %: 15 mins: Summer	15.30 0	13.78 5	13.962	0.177	105.8	0.201	0.000	105.0	66.743	OK
SW69	FEH: 30 years: +40 %: 240 mins: Summer	15.31 0	14.56 0	14.617	0.057	14.9	0.065	0.000	14.9	169.122	OK
SW68	FEH: 30 years: +40 %: 15 mins: Summer	15.31 0	14.19 0	14.419	0.229	43.8	0.259	0.000	30.0	28.788	Surcharged
SW67	FEH: 30 years: +40 %: 15 mins: Summer	15.31 0	14.56 0	14.681	0.121	26.2	0.034	0.000	25.2	13.901	OK
SW72	FEH: 30 years: +40 %: 15 mins: Summer	15.27 0	14.52 0	14.647	0.127	31.7	0.036	0.000	27.5	16.840	OK
SW65	FEH: 30 years: +40 %: 1440 mins: Winter	14.35 0	13.30 0	13.459	0.159	2.5	0.180	0.000	2.5	86.192	OK
SW66	FEH: 30 years: +40 %: 15 mins: Summer	14.70 0	13.65 0	13.748	0.098	22.4	0.110	0.000	21.7	9.699	OK
SW64	FEH: 30 years: +40 %: 15 mins: Summer	14.27 0	13.22 0	13.509	0.289	20.7	0.082	0.000	20.1	8.834	Surcharged
Rainwater Harvester	FEH: 30 years: +40 %: 15 mins: Summer	16.50 0	15.23 0	15.809	0.579	46.4	0.655	0.000	38.6	27.600	Surcharged
SW74	FEH: 30 years: +40 %: 15 mins: Summer	16.50 0	15.14 0	15.709	0.569	61.3	0.643	0.000	53.7	37.263	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
		Designed by: SV	Checked by: SP	Approved By: SP	
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW75	FEH: 30 years: +40 %: 15 mins: Summer	16.00 0	14.95 0	15.415	0.465	70.4	0.526	0.000	63.3	44.439	Surcharged
SW76	FEH: 30 years: +40 %: 15 mins: Summer	16.03 0	14.40 0	15.022	0.622	81.3	0.703	0.000	75.6	52.252	Surcharged
SW78	FEH: 30 years: +40 %: 15 mins: Summer	15.20 0	14.15 0	14.595	0.445	7.9	0.503	0.000	4.1	2.187	Surcharged
SW77	FEH: 30 years: +40 %: 15 mins: Summer	15.55 0	13.54 0	14.563	1.023	88.1	1.157	0.000	82.2	60.510	Surcharged
SW79	FEH: 30 years: +40 %: 15 mins: Summer	15.35 0	13.31 0	14.005	0.695	99.2	0.786	0.000	89.3	68.179	Surcharged
SW48	FEH: 30 years: +40 %: 15 mins: Summer	14.95 0	14.20 0	14.266	0.066	16.2	0.019	0.000	16.0	6.991	OK
SW26	FEH: 30 years: +40 %: 15 mins: Summer	16.45 0	15.43 0	15.871	0.441	29.9	0.125	0.000	22.9	15.637	Surcharged
SW25	FEH: 30 years: +40 %: 15 mins: Winter	16.45 0	15.70 0	16.090	0.390	24.4	0.110	0.000	18.7	11.159	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 100 years: Increase Rainfall (%): +0: 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
SW80	FEH: 100 years: +0 %: 1440 mins: Winter	14.35 0	12.88 5	13.388	0.503	10.6	0.720	0.000	10.6	1457.735	Surcharged
SW81	FEH: 100 years: +0 %: 1440 mins: Winter	14.39 0	12.67 5	12.778	0.103	10.6	0.116	0.000	10.6	1457.172	OK
SW82	FEH: 100 years: +0 %: 1440 mins: Winter	14.33 0	12.58 0	12.675	0.095	10.6	0.000	0.000	10.6	1457.172	OK
SW35	FEH: 100 years: +0 %: 15 mins: Summer	17.44 0	16.39 0	16.671	0.281	66.8	0.318	0.000	59.9	28.940	Surcharged
SW36	FEH: 100 years: +0 %: 15 mins: Summer	17.87 0	15.90 0	16.150	0.250	118.3	0.283	0.000	113.1	54.573	OK
SW37	FEH: 100 years: +0 %: 15 mins: Summer	17.66 0	16.61 0	16.730	0.120	38.3	0.136	0.000	37.2	16.525	OK
SW38	FEH: 100 years: +0 %: 15 mins: Summer	17.12 0	15.41 0	15.614	0.204	128.2	0.231	0.000	128.2	61.021	OK
SW39	FEH: 100 years: +0 %: 15 mins: Summer	15.90 0	14.50 0	14.966	0.466	149.7	0.527	0.000	117.5	70.308	Surcharged
SW40	FEH: 100 years: +0 %: 30 mins: Summer	14.89 0	13.69 0	14.467	0.777	113.3	0.879	0.000	103.8	125.969	Surcharged
SW43	FEH: 100 years: +0 %: 30 mins: Summer	15.00 0	13.42 0	14.170	0.750	123.8	0.848	0.000	123.2	142.459	Surcharged
SW47	FEH: 100 years: +0 %: 30 mins: Summer	14.24 0	13.04 0	13.705	0.665	155.7	0.752	0.000	155.4	187.166	Surcharged
SW53	FEH: 100 years: +0 %: 1440 mins: Winter	14.28 0	12.98 0	13.390	0.410	22.4	0.587	0.000	22.3	773.266	Surcharged
SW44	FEH: 100 years: +0 %: 30 mins: Summer	15.20 0	14.45 0	14.971	0.521	4.8	0.147	0.000	3.7	4.394	Flood Risk
SW45	FEH: 100 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.260	0.110	11.4	0.124	0.000	9.9	7.272	OK
SW46	FEH: 100 years: +0 %: 15 mins: Summer	15.60 0	13.83 0	14.207	0.377	9.9	0.426	0.000	11.8	7.390	Surcharged
SW54	FEH: 100 years: +0 %: 15 mins: Summer	15.31 0	14.26 0	14.378	0.118	21.2	0.134	0.000	19.2	9.066	OK
SW55	FEH: 100 years: +0 %: 15 mins: Summer	14.71 0	13.56 0	13.730	0.170	31.9	0.192	0.000	30.7	14.600	OK
SW56	FEH: 100 years: +0 %: 15 mins: Summer	14.59 0	13.44 0	13.615	0.175	36.5	0.198	0.000	30.3	17.071	OK
SW57	FEH: 100 years: +0 %: 15 mins: Summer	14.37 0	13.19 0	13.459	0.269	52.0	0.304	0.000	51.7	35.655	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026				
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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW59	FEH: 100 years: +0 %: 15 mins: Summer	14.55 0	13.37 0	13.473	0.103	13.8	0.117	0.000	8.8	8.775	OK
SW49	FEH: 100 years: +0 %: 15 mins: Summer	14.91 0	13.86 0	14.699	0.839	9.5	0.238	0.000	4.7	6.548	Flood Risk
SW50	FEH: 100 years: +0 %: 30 mins: Summer	14.82 5	13.77 5	14.542	0.767	4.8	0.217	0.000	4.5	6.932	Flood Risk
SW51	FEH: 100 years: +0 %: 30 mins: Summer	14.54 2	13.49 2	14.316	0.824	4.6	0.233	0.000	4.5	8.205	Flood Risk
SW52	FEH: 100 years: +0 %: 30 mins: Summer	14.39 5	13.34 5	14.108	0.763	4.2	0.216	0.000	4.4	6.581	Flood Risk
SW62	FEH: 100 years: +0 %: 60 mins: Summer	14.30 9	13.25 9	14.167	0.908	5.0	0.257	0.000	4.8	23.125	Flood Risk
SW63	FEH: 100 years: +0 %: 60 mins: Summer	14.31 4	13.26 4	13.984	0.720	6.0	0.204	0.000	4.3	10.057	Surcharged
SW61	FEH: 100 years: +0 %: 120 mins: Summer	14.42 1	13.37 1	14.278	0.907	5.8	0.257	0.000	4.8	37.434	Flood Risk
SW58	FEH: 100 years: +0 %: 15 mins: Summer	14.50 0	13.45 0	14.136	0.686	5.2	0.194	0.000	4.2	3.874	Surcharged
SW60	FEH: 100 years: +0 %: 120 mins: Summer	14.60 0	13.55 0	14.403	0.853	1.7	0.241	0.000	1.6	9.245	Flood Risk
SW42	FEH: 100 years: +0 %: 15 mins: Summer	14.76 4	14.11 4	14.494	0.380	16.7	0.108	0.000	16.1	18.318	Flood Risk
SW41	FEH: 100 years: +0 %: 30 mins: Summer	14.98 0	14.38 0	14.829	0.449	3.4	0.127	0.000	3.4	7.611	Flood Risk
SW70	FEH: 100 years: +0 %: 15 mins: Summer	15.38 0	13.98 5	14.291	0.306	59.6	0.346	0.000	51.1	33.495	Surcharged
SW71	FEH: 100 years: +0 %: 15 mins: Summer	15.30 0	13.78 5	13.951	0.166	96.4	0.188	0.000	95.4	54.983	OK
SW69	FEH: 100 years: +0 %: 240 mins: Summer	15.31 0	14.56 0	14.614	0.054	13.9	0.061	0.000	13.9	148.591	OK
SW68	FEH: 100 years: +0 %: 15 mins: Summer	15.31 0	14.19 0	14.361	0.171	39.1	0.194	0.000	35.1	23.135	OK
SW67	FEH: 100 years: +0 %: 15 mins: Summer	15.31 0	14.56 0	14.673	0.113	23.5	0.032	0.000	22.5	10.731	OK
SW72	FEH: 100 years: +0 %: 15 mins: Summer	15.27 0	14.52 0	14.638	0.118	28.5	0.034	0.000	24.6	12.807	OK
SW65	FEH: 100 years: +0 %: 15 mins: Summer	14.35 0	13.30 0	13.443	0.143	47.2	0.161	0.000	45.3	20.821	OK
SW66	FEH: 100 years: +0 %: 15 mins: Summer	14.70 0	13.65 0	13.742	0.092	20.1	0.104	0.000	19.5	8.706	OK
SW64	FEH: 100 years: +0 %: 15 mins: Summer	14.27 0	13.22 0	13.490	0.270	18.6	0.076	0.000	18.1	7.918	Surcharged
Rainwater Harvester	FEH: 100 years: +0 %: 15 mins: Summer	16.50 0	15.23 0	15.647	0.417	45.0	0.471	0.000	39.7	24.477	Surcharged
SW74	FEH: 100 years: +0 %: 15 mins: Summer	16.50 0	15.14 0	15.526	0.386	60.2	0.437	0.000	56.0	33.289	Surcharged

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

SW75	FEH: 100 years: +0 %: 15 mins: Summer	16.00 0	14.95 0	15.158	0.208	71.0	0.235	0.000	60.2	39.726	OK
SW76	FEH: 100 years: +0 %: 15 mins: Summer	16.03 0	14.40 0	14.788	0.388	76.5	0.439	0.000	71.8	46.741	Surcharged
SW78	FEH: 100 years: +0 %: 15 mins: Summer	15.20 0	14.15 0	14.372	0.222	3.8	0.251	0.000	4.4	1.840	Surcharged
SW77	FEH: 100 years: +0 %: 15 mins: Summer	15.55 0	13.54 0	14.341	0.801	84.0	0.906	0.000	79.7	54.015	Surcharged
SW79	FEH: 100 years: +0 %: 15 mins: Summer	15.35 0	13.31 0	13.844	0.534	96.5	0.604	0.000	93.9	61.030	Surcharged
SW48	FEH: 100 years: +0 %: 15 mins: Summer	14.95 0	14.20 0	14.262	0.062	14.5	0.018	0.000	14.4	6.278	OK
SW26	FEH: 100 years: +0 %: 15 mins: Summer	16.45 0	15.43 0	15.735	0.305	27.8	0.086	0.000	24.1	14.025	Surcharged
SW25	FEH: 100 years: +0 %: 15 mins: Winter	16.45 0	15.70 0	15.931	0.231	22.0	0.065	0.000	18.1	10.018	Surcharged

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Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 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
SW80	FEH: 100 years: +45 %: 1440 mins: Winter	14.350	12.885	13.648	0.763	10.7	1.092	0.000	10.6	1518.167	Surcharged
SW81	FEH: 100 years: +45 %: 240 mins: Summer	14.390	12.675	12.778	0.103	10.6	0.116	0.000	10.6	239.060	OK
SW82	FEH: 100 years: +45 %: 240 mins: Summer	14.330	12.580	12.675	0.095	10.6	0.000	0.000	10.6	239.060	OK
SW35	FEH: 100 years: +45 %: 15 mins: Summer	17.440	16.390	17.441	1.051	96.9	1.805	0.618	71.1	41.911	Flood
SW36	FEH: 100 years: +45 %: 15 mins: Summer	17.870	15.900	16.931	1.031	135.1	1.167	0.000	122.8	79.176	Surcharged
SW37	FEH: 100 years: +45 %: 15 mins: Summer	17.660	16.610	17.219	0.609	55.5	0.689	0.000	39.9	23.811	Surcharged
SW38	FEH: 100 years: +45 %: 15 mins: Summer	17.120	15.410	16.393	0.983	144.8	1.112	0.000	134.6	88.628	Surcharged
SW39	FEH: 100 years: +45 %: 15 mins: Summer	15.900	14.500	15.712	1.212	165.7	1.371	0.000	160.0	102.150	Flood Risk
SW40	FEH: 100 years: +45 %: 15 mins: Summer	14.890	13.690	14.899	1.209	171.8	10.271	8.913	126.4	127.714	Flood
SW43	FEH: 100 years: +45 %: 30 mins: Summer	15.000	13.420	14.549	1.129	143.0	1.277	0.000	143.6	206.670	Surcharged
SW47	FEH: 100 years: +45 %: 30 mins: Summer	14.240	13.040	13.944	0.904	182.4	1.023	0.000	182.2	272.754	Flood Risk
SW53	FEH: 100 years: +45 %: 1440 mins: Winter	14.280	12.980	13.650	0.670	32.3	0.959	0.000	32.2	1112.857	Surcharged
SW44	FEH: 100 years: +45 %: 30 mins: Summer	15.200	14.450	15.110	0.660	3.9	0.187	0.000	4.0	6.510	Flood Risk
SW45	FEH: 100 years: +45 %: 30 mins: Summer	15.200	14.150	14.697	0.547	12.5	0.619	0.000	12.1	14.878	Surcharged
SW46	FEH: 100 years: +45 %: 30 mins: Summer	15.600	13.830	14.614	0.784	12.1	0.887	0.000	11.9	15.007	Surcharged
SW54	FEH: 100 years: +45 %: 15 mins: Summer	15.310	14.260	14.725	0.465	30.7	0.526	0.000	22.2	12.952	Surcharged
SW55	FEH: 100 years: +45 %: 15 mins: Summer	14.710	13.560	14.030	0.470	40.6	0.531	0.000	34.8	21.185	Surcharged
SW56	FEH: 100 years: +45 %: 15 mins: Summer	14.590	13.440	13.901	0.461	43.2	0.522	0.000	38.3	24.769	Surcharged
SW57	FEH: 100 years: +45 %: 1440 mins: Winter	14.370	13.190	13.650	0.460	7.7	0.521	0.000	7.6	268.289	Surcharged

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SW59	FEH: 100 years: +45 %: 1440 mins: Winter	14.55 0	13.37 0	13.650	0.280	1.4	0.317	0.000	1.4	48.678	Surcharged
SW49	FEH: 100 years: +45 %: 30 mins: Summer	14.91 0	13.86 0	14.847	0.987	9.3	0.279	0.000	5.0	14.944	Flood Risk
SW50	FEH: 100 years: +45 %: 30 mins: Summer	14.82 5	13.77 5	14.692	0.917	7.4	0.260	0.000	4.8	10.188	Flood Risk
SW51	FEH: 100 years: +45 %: 30 mins: Summer	14.54 2	13.49 2	14.451	0.959	7.1	0.271	0.000	5.0	11.893	Flood Risk
SW52	FEH: 100 years: +45 %: 30 mins: Summer	14.39 5	13.34 5	14.235	0.890	4.5	0.252	0.000	4.7	9.772	Flood Risk
SW62	FEH: 100 years: +45 %: 60 mins: Summer	14.30 9	13.25 9	14.215	0.956	5.1	0.271	0.000	5.0	29.077	Flood Risk
SW63	FEH: 100 years: +45 %: 60 mins: Summer	14.31 4	13.26 4	14.072	0.808	5.2	0.229	0.000	4.6	14.790	Flood Risk
SW61	FEH: 100 years: +45 %: 60 mins: Summer	14.42 1	13.37 1	14.327	0.956	5.8	0.271	0.000	5.0	29.443	Flood Risk
SW58	FEH: 100 years: +45 %: 30 mins: Summer	14.50 0	13.45 0	14.224	0.774	5.8	0.219	0.000	4.4	8.024	Flood Risk
SW60	FEH: 100 years: +45 %: 60 mins: Winter	14.60 0	13.55 0	14.518	0.968	1.9	0.274	0.000	1.7	8.268	Flood Risk
SW42	FEH: 100 years: +45 %: 30 mins: Summer	14.76 4	14.11 4	14.767	0.653	24.2	3.047	2.863	24.2	49.012	Flood
SW41	FEH: 100 years: +45 %: 15 mins: Summer	14.98 0	14.38 0	14.905	0.525	3.7	0.149	0.000	3.7	3.240	Flood Risk
SW70	FEH: 100 years: +45 %: 60 mins: Summer	15.38 0	13.98 5	14.666	0.681	77.1	0.770	0.000	75.8	187.784	Surcharged
SW71	FEH: 100 years: +45 %: 60 mins: Summer	15.30 0	13.78 5	14.000	0.215	137.1	0.243	0.000	136.4	285.820	OK
SW69	FEH: 100 years: +45 %: 60 mins: Summer	15.31 0	14.56 0	14.919	0.359	16.0	0.407	0.000	17.4	76.777	Surcharged
SW68	FEH: 100 years: +45 %: 60 mins: Summer	15.31 0	14.19 0	14.915	0.725	57.9	0.820	0.000	57.5	161.770	Surcharged
SW67	FEH: 100 years: +45 %: 60 mins: Summer	15.31 0	14.56 0	15.157	0.597	37.3	0.169	0.000	34.4	58.877	Flood Risk
SW72	FEH: 100 years: +45 %: 60 mins: Summer	15.27 0	14.52 0	14.697	0.177	47.6	0.050	0.000	43.5	76.014	OK
SW65	FEH: 100 years: +45 %: 1440 mins: Winter	14.35 0	13.30 0	13.650	0.350	3.3	0.396	0.000	3.3	110.007	Surcharged
SW66	FEH: 100 years: +45 %: 15 mins: Summer	14.70 0	13.65 0	13.764	0.114	29.1	0.129	0.000	28.3	12.634	OK
SW64	FEH: 100 years: +45 %: 1440 mins: Winter	14.27 0	13.22 0	13.650	0.430	1.3	0.122	0.000	1.3	42.352	Surcharged
Rainwater Harvester	FEH: 100 years: +45 %: 30 mins: Summer	16.50 0	15.23 0	16.363	1.133	45.6	1.282	0.000	48.1	52.535	Flood Risk
SW74	FEH: 100 years: +45 %: 30 mins: Summer	16.50 0	15.14 0	16.294	1.154	60.2	1.305	0.000	56.5	68.559	Flood Risk

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN				Date: 30/04/2026							
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy				Designed by:	Checked by:	Approved By:					
				SV	SP	SP					
				Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC							

SW75	FEH: 100 years: +45 %: 15 mins: Summer	16.00 0	14.95 0	16.001	1.051	76.3	1.746	0.559	72.1	61.062	Flood
SW76	FEH: 100 years: +45 %: 30 mins: Summer	16.03 0	14.40 0	15.568	1.168	79.4	1.321	0.000	79.2	94.908	Surcharged
SW78	FEH: 100 years: +45 %: 30 mins: Summer	15.20 0	14.15 0	14.989	0.839	3.7	0.949	0.000	3.8	3.516	Flood Risk
SW77	FEH: 100 years: +45 %: 30 mins: Summer	15.55 0	13.54 0	14.971	1.431	91.8	1.618	0.000	88.4	110.860	Surcharged
SW79	FEH: 100 years: +45 %: 30 mins: Summer	15.35 0	13.31 0	14.347	1.037	104.7	1.173	0.000	104.5	124.005	Surcharged
SW48	FEH: 100 years: +45 %: 15 mins: Summer	14.95 0	14.20 0	14.278	0.078	21.1	0.022	0.000	20.9	9.111	OK
SW26	FEH: 100 years: +45 %: 30 mins: Summer	16.45 0	15.43 0	16.410	0.980	27.1	0.277	0.000	25.7	27.385	Flood Risk
SW25	FEH: 100 years: +45 %: 15 mins: Summer	16.45 0	15.70 0	16.454	0.754	30.3	3.897	3.684	13.8	12.996	Flood

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 2 years: +0 %: 1440 mins: Summer	13.125	13.125	0.175	0.175	38.7	637.490	0.000	0.000	8.6	839.881		78.076
Car Park 1	FEH: 2 years: +0 %: 30 mins: Summer	15.384	14.954	0.015	0.034	1.9	0.800	0.000	0.000	1.3	1.499		93.903
Car Park 2	FEH: 2 years: +0 %: 30 mins: Summer	14.859	14.603	0.024	0.068	3.2	0.921	0.000	0.000	2.6	2.656		89.382
Car Park 3	FEH: 2 years: +0 %: 120 mins: Summer	14.191	14.162	0.031	0.048	2.4	2.622	0.000	0.000	1.4	4.704		92.722
Car Park 4	FEH: 2 years: +0 %: 30 mins: Summer	14.760	14.489	0.011	0.026	0.9	0.304	0.000	0.000	0.8	0.774		95.350
Car Park 5	FEH: 2 years: +0 %: 30 mins: Summer	14.852	14.428	0.021	0.053	2.9	0.948	0.000	0.000	2.5	2.421		90.869
Car Park 6	FEH: 2 years: +0 %: 30 mins: Summer	14.758	14.145	0.020	0.053	3.5	1.418	0.000	0.000	2.5	2.808		91.144
Car Park 7	FEH: 2 years: +0 %: 30 mins: Summer	14.552	13.988	0.017	0.043	2.9	1.425	0.000	0.000	1.8	2.171		92.894
Car Park 8	FEH: 2 years: +0 %: 60 mins: Summer	14.149	13.943	0.034	0.084	6.6	3.480	0.000	0.000	4.5	7.852		85.222
Car Park 9	FEH: 2 years: +0 %: 120 mins: Summer	14.143	13.907	0.020	0.043	2.4	2.036	0.000	0.000	1.8	4.942		91.352
Car Park 10	FEH: 2 years: +0 %: 120 mins: Summer	14.228	14.049	0.041	0.078	6.2	3.646	0.000	0.000	4.5	14.325		84.518
Car Park 11	FEH: 2 years: +0 %: 120 mins: Summer	14.258	14.257	0.036	0.107	1.9	1.479	0.000	0.000	0.9	3.966		81.142
Car Park 12	FEH: 2 years: +0 %: 30 mins: Summer	14.150	14.094	0.028	0.044	2.3	0.761	0.000	0.000	1.9	1.884		90.304
Blocks North	FEH: 2 years: +0 %: 60 mins: Summer	16.192	16.080	0.017	0.030	1.3	0.631	0.000	0.000	1.0	1.508		93.543

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy		Designed by: SV	Checked by: SP		Approved By: SP
		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Blocks Middle	FEH: 2 years: +0 %: 30 mins: Summer	14.800	14.743	0.016	0.023	0.8	0.300	0.000	0.000	0.6	0.635		96.190
MUGA 2	FEH: 2 years: +0 %: 360 mins: Summer	15.189	14.921	0.041	0.093	13.8	45.969	0.000	0.000	5.7	72.654		82.382
AWP	FEH: 2 years: +0 %: 480 mins: Summer	14.779	14.021	0.047	0.134	31.1	152.663	0.000	0.000	9.8	209.219		80.098

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 10 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 10 years: +0 %: 960 mins: Winter	13.211	13.211	0.261	0.261	51.5	949.774	0.000	0.000	10.0	831.043		67.335
Car Park 1	FEH: 10 years: +0 %: 30 mins: Summer	15.389	14.973	0.020	0.053	3.2	1.185	0.000	0.000	2.5	2.642		90.970
Car Park 2	FEH: 10 years: +0 %: 30 mins: Summer	14.867	14.709	0.032	0.174	5.4	1.712	0.000	0.000	3.5	4.612		80.264
Car Park 3	FEH: 10 years: +0 %: 60 mins: Summer	14.207	14.179	0.047	0.065	5.0	3.688	0.000	0.000	2.4	5.413		89.761
Car Park 4	FEH: 10 years: +0 %: 15 mins: Summer	14.765	14.517	0.016	0.054	2.4	0.487	0.000	0.000	1.9	0.957		92.552
Car Park 5	FEH: 10 years: +0 %: 30 mins: Summer	14.859	14.455	0.027	0.080	4.9	1.347	0.000	0.000	4.6	4.184		87.022
Car Park 6	FEH: 10 years: +0 %: 30 mins: Summer	14.765	14.175	0.026	0.083	5.9	2.073	0.000	0.000	5.0	4.929		87.053
Car Park 7	FEH: 10 years: +0 %: 30 mins: Summer	14.558	14.011	0.023	0.066	4.9	2.118	0.000	0.000	3.5	3.900		89.438
Car Park 8	FEH: 10 years: +0 %: 60 mins: Summer	14.161	14.058	0.046	0.199	11.3	6.442	0.000	0.000	5.2	13.712		72.641
Car Park 9	FEH: 10 years: +0 %: 60 mins: Summer	14.152	13.931	0.029	0.067	5.0	2.897	0.000	0.000	3.6	5.898		87.697
Car Park 10	FEH: 10 years: +0 %: 120 mins: Summer	14.241	14.169	0.054	0.198	9.8	7.007	0.000	0.000	5.0	23.409		70.250
Car Park 11	FEH: 10 years: +0 %: 120 mins: Summer	14.308	14.308	0.087	0.158	3.1	2.535	0.000	0.000	1.4	6.255		67.672
Car Park 12	FEH: 10 years: +0 %: 30 mins: Summer	14.159	14.116	0.037	0.066	3.9	1.079	0.000	0.000	3.6	3.288		86.250
Blocks North	FEH: 10 years: +0 %: 30 mins: Summer	16.199	16.096	0.025	0.046	2.5	0.936	0.000	0.000	1.9	1.988		90.432

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
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Blocks Middle	FEH: 10 years: +0 %: 30 mins: Summer	14.805	14.756	0.022	0.036	1.4	0.433	0.000	0.000	1.2	1.124		94.495
MUGA 2	FEH: 10 years: +0 %: 240 mins: Summer	15.206	14.958	0.058	0.130	26.6	64.654	0.000	0.000	9.5	93.299		75.221
AWP	FEH: 10 years: +0 %: 360 mins: Summer	14.798	14.061	0.066	0.174	54.9	212.323	0.000	0.000	14.7	276.445		72.320

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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FEH: 30 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 30 years: +0 %: 960 mins: Winter	13.287	13.287	0.337	0.337	65.0	1222.857	0.000	0.000	10.4	918.091		57.944
Car Park 1	FEH: 30 years: +0 %: 30 mins: Summer	15.392	14.985	0.023	0.065	4.2	1.415	0.000	0.000	3.5	3.422		89.217
Car Park 2	FEH: 30 years: +0 %: 30 mins: Summer	14.872	14.766	0.037	0.231	7.2	2.404	0.000	0.000	3.7	5.942		72.284
Car Park 3	FEH: 30 years: +0 %: 15 mins: Summer	14.335	14.299	0.174	0.185	11.3	11.595	0.000	0.000	12.6	7.667		67.811
Car Park 4	FEH: 30 years: +0 %: 15 mins: Summer	14.768	14.611	0.019	0.148	4.4	1.055	0.000	0.000	2.3	1.457		83.852
Car Park 5	FEH: 30 years: +0 %: 30 mins: Summer	14.864	14.472	0.032	0.097	6.5	1.598	0.000	0.000	5.7	5.430		84.605
Car Park 6	FEH: 30 years: +0 %: 30 mins: Summer	14.769	14.223	0.031	0.131	7.8	2.481	0.000	0.000	5.9	6.376		84.504
Car Park 7	FEH: 30 years: +0 %: 30 mins: Summer	14.562	14.035	0.027	0.090	6.4	2.569	0.000	0.000	4.5	5.047		87.187
Car Park 8	FEH: 30 years: +0 %: 60 mins: Summer	14.169	14.120	0.054	0.261	14.9	9.112	0.000	0.000	6.9	18.101		61.299
Car Park 9	FEH: 30 years: +0 %: 60 mins: Summer	14.157	13.946	0.034	0.082	6.6	3.490	0.000	0.000	4.5	7.815		85.179
Car Park 10	FEH: 30 years: +0 %: 120 mins: Summer	14.257	14.231	0.070	0.260	12.6	10.354	0.000	0.000	5.3	30.335		56.037
Car Park 11	FEH: 30 years: +0 %: 120 mins: Summer	14.350	14.349	0.128	0.199	3.9	3.393	0.000	0.000	1.7	8.029		56.728
Car Park 12	FEH: 30 years: +0 %: 30 mins: Summer	14.165	14.130	0.043	0.080	5.2	1.278	0.000	0.000	4.8	4.273		83.725
Blocks North	FEH: 30 years: +0 %: 30 mins: Summer	16.203	16.107	0.029	0.057	3.2	1.119	0.000	0.000	2.6	2.590		88.553

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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Blocks Middle	FEH: 30 years: +0 %: 30 mins: Summer	14.809	14.764	0.025	0.044	1.8	0.511	0.000	0.000	1.6	1.461		93.509
MUGA 2	FEH: 30 years: +0 %: 240 mins: Summer	15.216	14.978	0.068	0.150	33.3	78.462	0.000	0.000	11.8	118.641		69.929
AWP	FEH: 30 years: +0 %: 360 mins: Summer	14.810	14.088	0.078	0.201	68.3	260.778	0.000	0.000	16.7	349.333		66.003

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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



FEH: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 30 years: +40 %: 1440 mins: Winter	13.459	13.459	0.509	0.509	68.2	1850.183	0.000	0.000	10.7	1495.286	780	36.369
Car Park 1	FEH: 30 years: +40 %: 30 mins: Summer	15.397	15.019	0.028	0.099	5.9	1.775	0.000	0.000	5.2	4.938		86.478
Car Park 2	FEH: 30 years: +40 %: 15 mins: Summer	14.885	14.882	0.050	0.347	15.0	4.467	0.000	0.000	4.6	4.275	0	48.495
Car Park 3	FEH: 30 years: +40 %: 15 mins: Summer	14.595	14.681	0.435	0.567	30.1	27.871	0.000	0.000	19.7	14.955	10	22.623
Car Park 4	FEH: 30 years: +40 %: 15 mins: Summer	14.772	14.756	0.023	0.293	6.5	2.659	0.000	0.000	3.8	2.877		59.321
Car Park 5	FEH: 30 years: +40 %: 30 mins: Summer	14.870	14.600	0.038	0.225	9.1	2.651	0.000	0.000	5.3	7.747		74.452
Car Park 6	FEH: 30 years: +40 %: 30 mins: Summer	14.775	14.371	0.037	0.279	10.9	4.423	0.000	0.000	5.0	9.187		72.380
Car Park 7	FEH: 30 years: +40 %: 30 mins: Summer	14.567	14.156	0.032	0.211	9.0	4.096	0.000	0.000	4.4	7.396		79.571
Car Park 8	FEH: 30 years: +40 %: 60 mins: Summer	14.227	14.210	0.112	0.351	20.9	14.588	0.000	0.000	5.4	25.454	20	38.043
Car Park 9	FEH: 30 years: +40 %: 60 mins: Summer	14.164	14.021	0.041	0.157	9.2	5.042	0.000	0.000	5.5	11.183		78.586
Car Park 10	FEH: 30 years: +40 %: 120 mins: Summer	14.354	14.328	0.167	0.357	17.2	16.487	0.000	0.000	5.3	42.719	45	29.997
Car Park 11	FEH: 30 years: +40 %: 120 mins: Summer	14.441	14.441	0.219	0.291	5.5	5.281	0.000	0.000	2.0	11.180	40	32.654
Car Park 12	FEH: 30 years: +40 %: 15 mins: Summer	14.179	14.171	0.057	0.121	10.8	1.852	0.000	0.000	6.1	4.405		76.415
Blocks North	FEH: 30 years: +40 %: 15 mins: Summer	16.210	16.150	0.035	0.100	6.8	1.609	0.000	0.000	6.3	2.828		83.542

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Blocks Middle	FEH: 30 years: +40 %: 15 mins: Summer	14.815	14.790	0.031	0.070	3.8	0.701	0.000	0.000	3.3	1.497		91.082
MUGA 2	FEH: 30 years: +40 %: 240 mins: Summer	15.235	15.003	0.087	0.175	46.6	106.718	0.000	0.000	14.9	169.152		59.100
AWP	FEH: 30 years: +40 %: 360 mins: Summer	14.834	14.138	0.102	0.251	95.6	366.107	0.000	0.000	19.7	494.857		52.272

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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FEH: 100 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 100 years: +0 %: 1440 mins: Winter	13.390	13.390	0.440	0.440	61.2	1599.595	0.000	0.000	10.6	1458.647	350	44.987
Car Park 1	FEH: 100 years: +0 %: 30 mins: Summer	15.395	15.000	0.026	0.080	5.3	1.663	0.000	0.000	4.8	4.438		87.334
Car Park 2	FEH: 100 years: +0 %: 30 mins: Summer	14.877	14.835	0.042	0.300	9.1	3.593	0.000	0.000	4.2	7.667		58.575
Car Park 3	FEH: 100 years: +0 %: 15 mins: Summer	14.485	14.532	0.325	0.418	25.9	22.606	0.000	0.000	16.0	13.091	5	37.242
Car Park 4	FEH: 100 years: +0 %: 15 mins: Summer	14.771	14.704	0.022	0.241	6.1	2.050	0.000	0.000	3.7	2.341		68.639
Car Park 5	FEH: 100 years: +0 %: 15 mins: Summer	14.872	14.547	0.040	0.172	12.3	2.215	0.000	0.000	6.8	5.013		78.656
Car Park 6	FEH: 100 years: +0 %: 30 mins: Summer	14.773	14.330	0.035	0.238	9.9	3.693	0.000	0.000	4.8	8.272		76.937
Car Park 7	FEH: 100 years: +0 %: 30 mins: Summer	14.566	14.119	0.030	0.174	8.2	3.447	0.000	0.000	4.3	6.624		82.807
Car Park 8	FEH: 100 years: +0 %: 60 mins: Summer	14.198	14.182	0.084	0.323	19.0	12.817	0.000	0.000	5.8	23.181	10	45.563
Car Park 9	FEH: 100 years: +0 %: 60 mins: Summer	14.162	13.996	0.039	0.132	8.4	4.420	0.000	0.000	6.0	10.095		81.225
Car Park 10	FEH: 100 years: +0 %: 120 mins: Summer	14.317	14.292	0.130	0.321	15.5	14.184	0.000	0.000	5.8	38.118	25	39.775
Car Park 11	FEH: 100 years: +0 %: 120 mins: Summer	14.406	14.405	0.184	0.255	4.9	4.546	0.000	0.000	1.9	9.994	20	42.027
Car Park 12	FEH: 100 years: +0 %: 15 mins: Summer	14.174	14.153	0.052	0.103	9.7	1.533	0.000	0.000	5.3	3.945		80.479
Blocks North	FEH: 100 years: +0 %: 30 mins: Summer	16.207	16.120	0.033	0.070	4.1	1.317	0.000	0.000	3.6	3.382		86.532

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Status
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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy		Designed by: SV	Checked by: SP		Approved By: SP
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Blocks Middle	FEH: 100 years: +0 %: 30 mins: Summer	14.812	14.772	0.028	0.052	2.3	0.595	0.000	0.000	2.1	1.898		92.434
MUGA 2	FEH: 100 years: +0 %: 120 mins: Summer	15.238	14.984	0.089	0.156	62.6	94.755	0.000	0.000	13.4	106.926		63.685
AWP	FEH: 100 years: +0 %: 360 mins: Summer	14.824	14.117	0.092	0.230	84.4	322.520	0.000	0.000	18.5	436.439		57.954

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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	Date: 30/04/2026		
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**FEH: 100 years: Increase Rainfall (%): +45: 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)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 100 years: +45 %: 1440 mins: Winter	13.650	13.650	0.700	0.700	85.8	2544.372	0.000	0.000	10.7	1519.529		12.494
Car Park 1	FEH: 100 years: +45 %: 30 mins: Summer	15.401	15.119	0.032	0.199	7.7	2.684	0.000	0.000	4.2	6.539		79.555
Car Park 2	FEH: 100 years: +45 %: 30 mins: Summer	14.946	15.103	0.111	0.568	13.2	7.958	2.407	0.000	4.2	9.202	20	8.237
Car Park 3	FEH: 100 years: +45 %: 30 mins: Summer	14.722	14.848	0.562	0.734	25.3	42.078	6.915	0.000	24.2	35.403	25	-16.818
Car Park 4	FEH: 100 years: +45 %: 30 mins: Summer	14.844	15.014	0.096	0.551	8.2	5.859	1.937	0.000	4.9	6.571	10	10.349
Car Park 5	FEH: 100 years: +45 %: 30 mins: Summer	14.875	14.708	0.043	0.333	11.9	4.336	0.000	0.000	7.5	10.227		58.215
Car Park 6	FEH: 100 years: +45 %: 60 mins: Summer	14.778	14.549	0.040	0.457	12.7	6.634	0.267	0.000	5.7	15.748		58.572
Car Park 7	FEH: 100 years: +45 %: 30 mins: Summer	14.572	14.244	0.037	0.299	11.8	6.149	0.000	0.000	4.4	9.805		69.330
Car Park 8	FEH: 100 years: +45 %: 60 mins: Summer	14.302	14.383	0.188	0.524	27.6	21.194	3.075	0.000	6.1	30.166	40	9.985
Car Park 9	FEH: 100 years: +45 %: 60 mins: Summer	14.171	14.085	0.048	0.221	12.2	7.223	0.000	0.000	5.3	14.828		69.323
Car Park 10	FEH: 100 years: +45 %: 120 mins: Summer	14.427	14.503	0.240	0.532	21.7	23.954	4.445	0.000	5.4	55.358	80	-1.710
Car Park 11	FEH: 100 years: +45 %: 120 mins: Summer	14.522	14.626	0.301	0.476	7.1	7.522	0.597	0.000	2.1	14.467	65	4.084
Car Park 12	FEH: 100 years: +45 %: 30 mins: Summer	14.238	14.234	0.116	0.184	9.5	3.127	0.000	0.000	5.9	8.057		60.167
Blocks North	FEH: 100 years: +45 %: 15 mins: Summer	16.397	16.371	0.222	0.321	17.5	7.052	0.000	0.000	11.1	7.902	0	27.874

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Blocks Middle	FEH: 100 years: +45 %: 15 mins: Summer	14.969	14.967	0.185	0.247	4.9	3.208	0.000	0.000	7.0	3.661		59.214
MUGA 2	FEH: 100 years: +45 %: 240 mins: Summer	15.268	15.037	0.120	0.209	59.6	137.018	0.000	0.000	17.2	217.909	20	47.488
AWP	FEH: 100 years: +45 %: 360 mins: Summer	14.865	14.190	0.133	0.303	122.4	473.632	0.000	0.000	22.4	628.080	135	38.254

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OK

OK

OK

Appendix D – Drainage Strategy Drawings



Notes:

- DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
- All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
- Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
- All drainage proposals are subject to Stage 4 design.
- For CDM residual risks and identified health and safety hazards, refer to Hazard Identification Drawing SRP1121-CTP-ZZ-00-D-C-1700.

ADDITIONAL NOTES

Levels

External surface levels have been assumed based on the Stage 3 WWA (Landscape Architect) site landscaping drawings and the proposed building FFLs. The overall design principles should remain unchanged; however, exact levels are to be confirmed at Stage 4 when further detail is available.

Drainage

Proposed surface water discharge rates are to be agreed with the Lead Local Flood Authority (LLFA). A discharge rate of 3 l/s/ha has been assumed in accordance with the National SuDS Standards (Standard 3, Clause 3.18).

General external paths and hard landscaping to fall to gullies and channel drains etc. Allowance for the catchments areas of pedestrian and vehicular hard surfaces have been considered in the drainage modelling and the locations of surface water chambers have been positioned to accommodate the allocation of gullies/channels. However the locations and connections to gullies/channels have not been provided for Stage 3 due to the coridinations with WWA and additonal external surface levels that are required before allocating gullies/channels to the layout.

External hard landscaping will drain to gullies/channel drains. Catchments have been included in the drainage modelling and chamber locations set out to suit anticipated gully/channel allocations. Gully/channel locations and connections are not developed at Stage 3 due to ongoing coordination with WWA and the need for further external level information.

Threshold drains are to be provided at all building entrances.

Manhole and inspection chamber diameter, depth and type are to comply with Building Regulations Part H and, where adoptable/connecting to the public network to comply with the SSG Design and Construction Guidance (2022).

All internal foul connection points are assumed; MEP design is required to confirm foul drainage connections and validate the design.

KEY

- Proposed Private Surface Water Pipe
Ø as stated
- Proposed Private Foul Water Pipe
Ø as stated
- Proposed Diversion Private Surface
Water Pipe Ø as stated
- Proposed Diversion Private Foul Water
Pipe Ø as stated
- Proposed Surface Water Perforated Pipe
Private - Ø as stated
- Proposed Cut Off Drain
- Existing Public Surface Water Pipe
Ø and gradient as stated
- Existing Public Foul Water Pipe
Ø and gradient as stated
- Existing drain to be abandoned and filled
with PFA cement grout.
- Proposed Private Surface Water PPIC
- Proposed Private Foul Water PPIC
- Proposed Private Foul Water Diversion
PPIC
- Proposed Private Surface Water
Manhole - Pre-Cast Concrete - Ring
- Proposed Private Surface Water Diversion
Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water
Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Diversion
Manhole - Pre-Cast Concrete - Ring
- Proposed Petrol Interceptor
- CP Proposed Catchpit
- HB Proposed Hydro-Brake
- Proposed Geo-Cellular Attenuation
- Proposed Head-wall - To Adoptable
Standards
- Proposed Permeable Pedestrian
Paving - Lined
- Proposed Permeable Vehicular
Paving - Lined
- Proposed Porous All Weather Pitch -
Lined
- Proposed Porous Asphalt Muga -
Lined
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

P03	01.05.2026	DISCHARGE RATE NOTE UPDATED AT CHAMBER SW82	SP	LB
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP
Rev	Date	Amendment	Dm	Chk



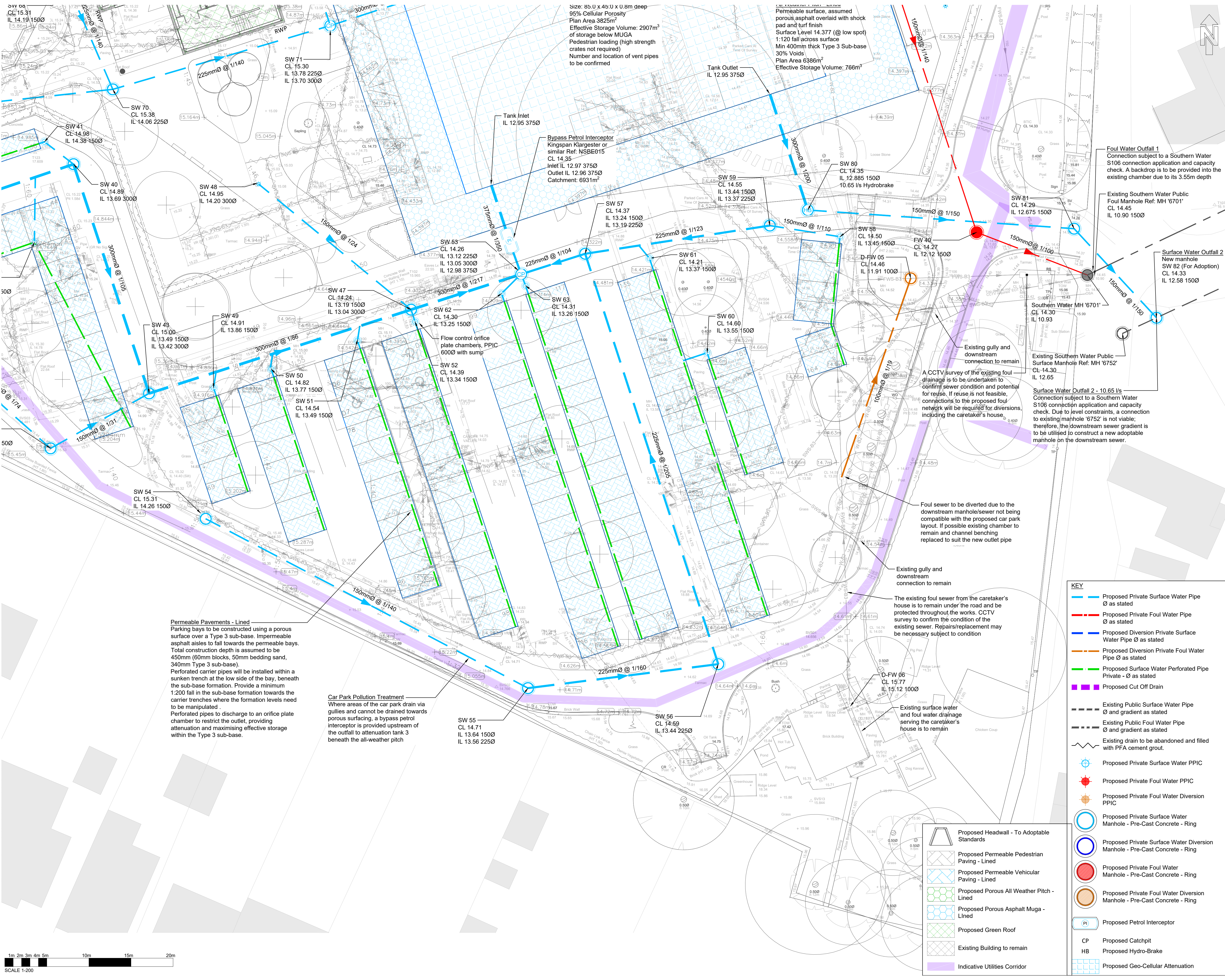
Suffolk House 154 High Street
Sevenoaks Kent TN13 1XE UK
UK: +44 (0)1732 740195
www.ctp-llp.com



Project Title
**STEYNING GRAMMAR
SCHOOL**

Drawing Title:
**DRAINAGE LAYOUT
SITE WIDE**

CTP ref: B1641	DEIR Ref: 165	Discipline: CIVILS
drawn by: SV	date: DEC-25	drawing scales: NTS @A1 Unless Noted Otherwise
status: S5	status description: Review & acceptance by the DfE	
revision status: PRELIMINARY		
drawing reference: project: SRP1121-CTP-00-EX-D-C-1500-P03	originator: volume: 165	level: type: NTS



Notes:

- DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialist's drawings and their respective Specifications.
- All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
- Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
- All drainage proposals are subject to Stage 4 design.
- For CDM residual risks and identified health and safety hazards, refer to Hazard Identification Drawing SRP1121-CTP-ZZ-00-D-C-1700.
- For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500

KEY PLAN

P03	01.05.2026	DISCHARGE RATE NOTE UPDATED AT	SP	LB
		CHAMBER SW82		
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP
Rev	Date	Amendment	Dm	Chk

ctp consulting engineers

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Department for Education

STEYNING GRAMMAR SCHOOL

DRAINAGE LAYOUT SHEET 1

KEY

- Proposed Private Surface Water Pipe Ø as stated
- Proposed Private Foul Water Pipe Ø as stated
- Proposed Diversion Private Surface Water Pipe Ø as stated
- Proposed Diversion Private Foul Water Pipe Ø as stated
- Proposed Surface Water Perforated Pipe Private - Ø as stated
- Proposed Cut Off Drain
- Existing Public Surface Water Pipe Ø and gradient as stated
- Existing Public Foul Water Pipe Ø and gradient as stated
- Existing drain to be abandoned and filled with PFA cement grout.
- Proposed Private Surface Water PPIC
- Proposed Private Foul Water PPIC
- Proposed Private Foul Water Diversion PPIC
- Proposed Private Surface Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Surface Water Diversion Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Diversion Manhole - Pre-Cast Concrete - Ring
- Proposed Petrol Interceptor
- Proposed Catchpit
- Proposed Hydro-Brake
- Proposed Geo-Cellular Attenuation

Proposed Headwall - To Adoptable Standards

Proposed Permeable Pedestrian Paving - Lined

Proposed Permeable Vehicular Paving - Lined

Proposed Porous All Weather Pitch - Lined

Proposed Porous Asphalt Muga - Lined

Proposed Green Roof

Existing Building to remain

Indicative Utilities Corridor

Permeable Pavements - Lined
Parking bays to be constructed using a porous surface over a Type 3 sub-base. Impermeable asphalt aisles to fall towards the permeable bays. Total construction depth is assumed to be 450mm (60mm blocks, 50mm bedding sand, 340mm Type 3 sub-base).
Perforated carrier pipes will be installed within a sunken trench at the low side of the bay, beneath the sub-base formation. Provide a minimum 1:200 fall in the sub-base formation towards the carrier trenches where the formation levels need to be manipulated.
Perforated pipes to discharge to an orifice plate chamber to restrict the outlet, providing attenuation and maximising effective storage within the Type 3 sub-base.

Car Park Pollution Treatment
Where areas of the car park drain via gullies and cannot be drained towards porous surfacing, a bypass petrol interceptor is provided upstream of the outfall to attenuation tank 3 beneath the all-weather pitch

Size: 85.0 x 45.0 x 0.8m deep
95% Cellular Porosity
Plan Area 3825m²
Effective Storage Volume: 2907m³ of storage below MUGA
Pedestrian loading (high strength crates not required)
Number and location of vent pipes to be confirmed

Permeable surface, assumed porous asphalt overlaid with shock pad and turf finish
Surface Level 14.377 (@ low spot)
1:120 fall across surface
Min 400mm thick Type 3 Sub-base
30% Voids
Plan Area 6386m²
Effective Storage Volume: 766m³

Foul sewer to be diverted due to the downstream manhole/sewer not being compatible with the proposed car park layout. If possible existing chamber to remain and channel benching replaced to suit the new outlet pipe

A CCTV survey of the existing foul drainage is to be undertaken to confirm sewer condition and potential for reuse. If reuse is not feasible, connections to the proposed foul network will be required for diversions, including the caretaker's house.

Existing gully and downstream connection to remain

The existing foul sewer from the caretaker's house is to remain under the road and be protected throughout the works. CCTV survey to confirm the condition of the existing sewer. Repairs/replacement may be necessary subject to condition

Existing gully and downstream connection to remain

Existing surface water and foul water drainage serving the caretaker's house is to remain

Existing Southern Water Public Foul Manhole Ref: MH '6701' CL 14.45 IL 10.90 1500

Existing Southern Water Public Surface Manhole Ref: MH '6752' CL 14.30 IL 12.65

Surface Water Outfall 2 - 10.65 l/s
Connection subject to a Southern Water S106 connection application and capacity check. Due to level constraints, a connection to existing manhole '6752' is not viable; therefore, the downstream sewer gradient is to be utilised to construct a new adoptable manhole on the downstream sewer.

SW 03
CL 15.31
IL 14.19 1500

SW 04
CL 15.31
IL 14.26 1500

SW 40
CL 14.89
IL 13.69 3000

SW 41
CL 14.98
IL 14.38 1500

SW 43
CL 15.00
IL 13.49 1500

SW 44
CL 14.91
IL 13.86 1500

SW 45
CL 14.91
IL 13.86 1500

SW 46
CL 14.91
IL 13.86 1500

SW 47
CL 14.24
IL 13.19 1500

SW 48
CL 14.95
IL 14.20 3000

SW 49
CL 14.91
IL 13.86 1500

SW 50
CL 14.82
IL 13.77 1500

SW 51
CL 14.54
IL 13.49 1500

SW 52
CL 14.39
IL 13.34 1500

SW 53
CL 14.26
IL 13.12 2250

SW 54
CL 15.31
IL 14.26 1500

SW 55
CL 14.71
IL 13.64 1500

SW 56
CL 14.69
IL 13.44 2250

SW 57
CL 14.37
IL 13.24 1500

SW 58
CL 14.50
IL 13.45 1500

SW 59
CL 14.55
IL 13.44 1500

SW 60
CL 14.60
IL 13.55 1500

SW 61
CL 14.21
IL 13.37 1500

SW 62
CL 14.30
IL 13.25 1500

SW 63
CL 14.31
IL 13.26 1500

SW 64
CL 14.30
IL 13.25 1500

SW 65
CL 14.30
IL 13.25 1500

SW 66
CL 14.30
IL 13.25 1500

SW 67
CL 14.30
IL 13.25 1500

SW 68
CL 14.30
IL 13.25 1500

SW 69
CL 14.30
IL 13.25 1500

SW 70
CL 15.38
IL 14.06 2250

SW 71
CL 15.30
IL 13.78 2250

SW 72
CL 15.30
IL 13.78 2250

SW 73
CL 15.30
IL 13.78 2250

SW 74
CL 15.30
IL 13.78 2250

SW 75
CL 15.30
IL 13.78 2250

SW 76
CL 15.30
IL 13.78 2250

SW 77
CL 15.30
IL 13.78 2250

SW 78
CL 15.30
IL 13.78 2250

SW 79
CL 15.30
IL 13.78 2250

SW 80
CL 14.35
IL 12.885 1500

SW 81
CL 14.29
IL 12.675 1500

SW 82
CL 14.27
IL 12.12 1500

SW 83
CL 14.27
IL 12.12 1500

SW 84
CL 14.27
IL 12.12 1500

SW 85
CL 14.27
IL 12.12 1500

SW 86
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SW 99
CL 14.27
IL 12.12 1500

SW 100
CL 14.27
IL 12.12 1500

1m 2m 3m 4m 5m 10m 15m 20m

SCALE 1:200

Appendix E – Rainwater Harvesting System