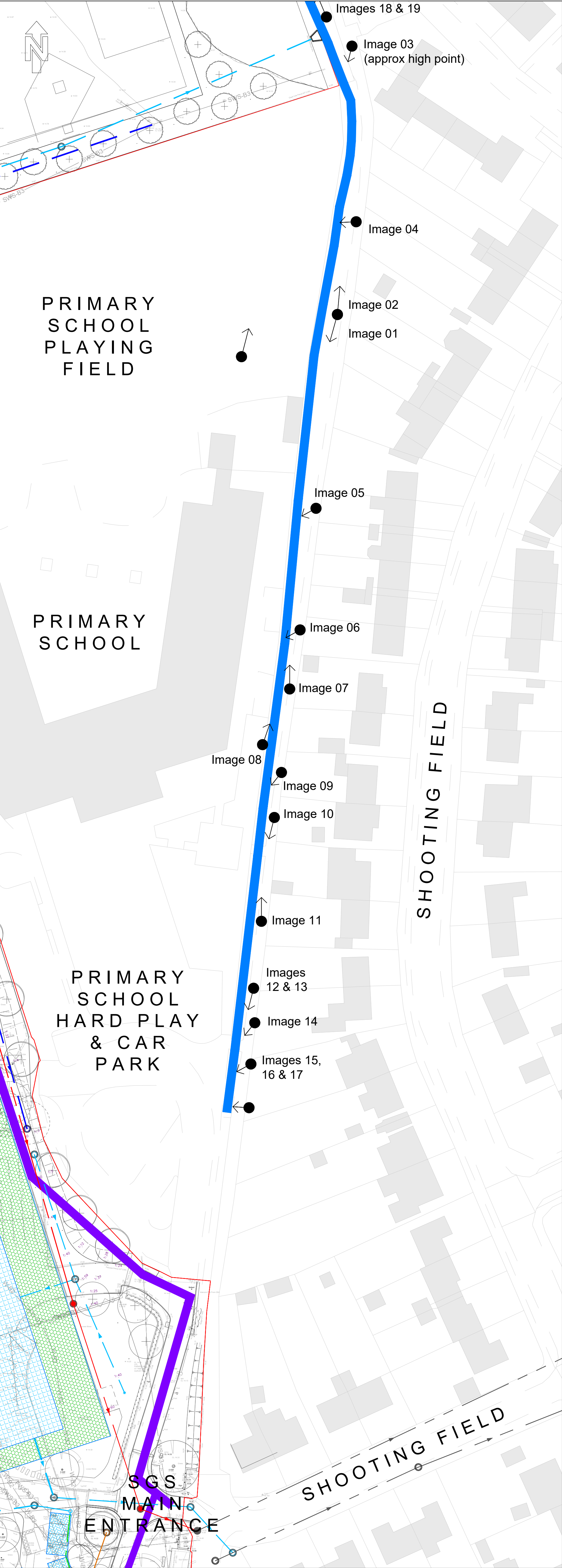
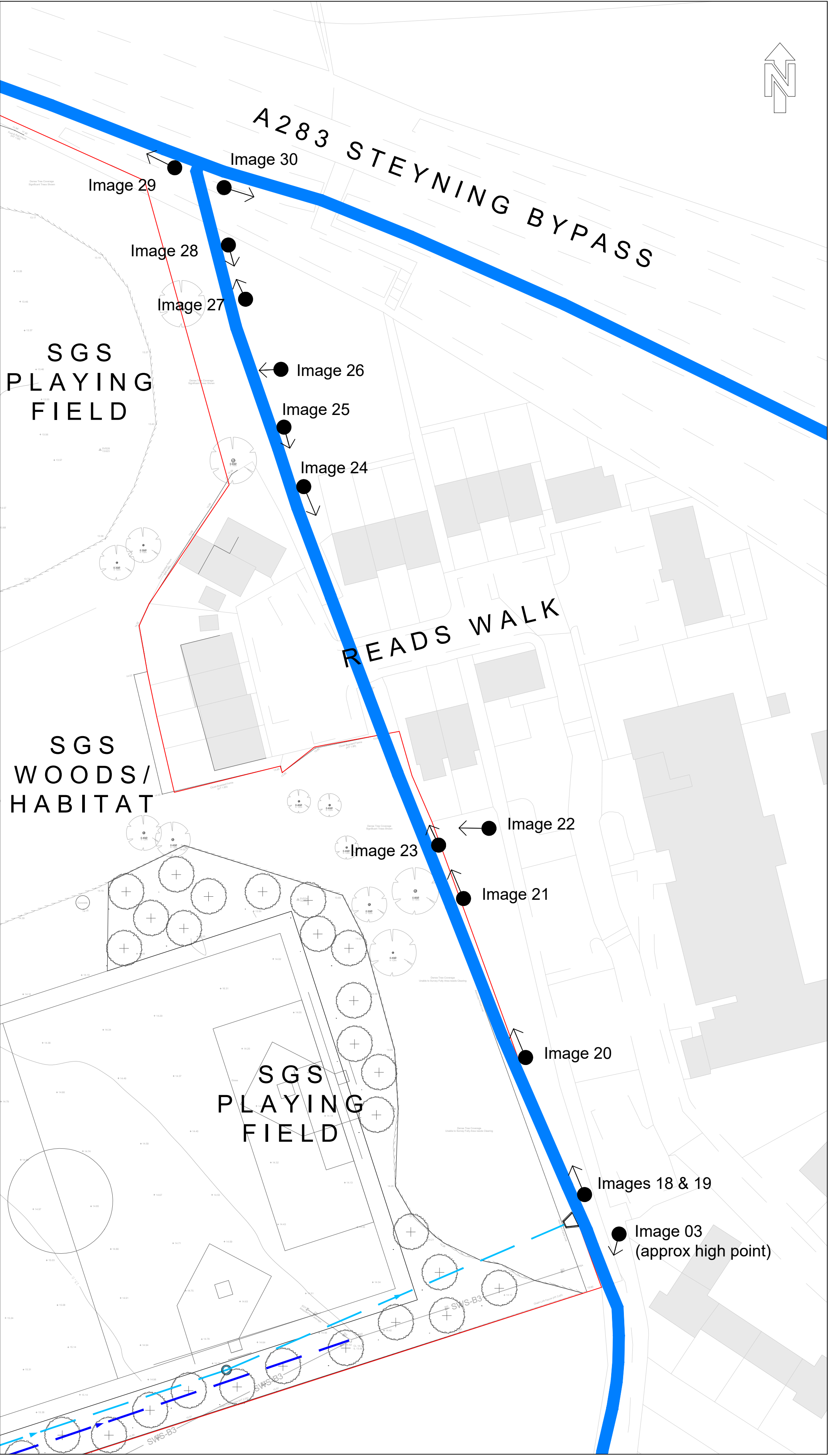


Notes:



Southern Section of Ditch



Northern Section of Ditch



Key Plan

P01	16.02.26	PRELIMINARY ISSUE	NT	LB
Rev	Date	Amendment	Drn	Chk

ctp consulting engineers

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



Project Title
Steyning Grammar School,
West Sussex

Drawing Title
Condition Survey of Eastern
Boundary Ditch: Plan & Key
to Image Locations

CTP ref: B1641	DEIR Ref: n/a	Discipline: CIVILS
drawn by: NT	date: 16.02.26	drawing scales: NTS @A1 Unless Noted Otherwise

status: S2 Suitable for Information
revision status: PRELIMINARY

drawing reference:
project: SRP1121-CTP-00-EX-D-C-SK99-P01

Appendix C – Hydraulic Calculations (Infodrainage)

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Junctions 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			

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SW13	Manhole	517454.497	112009.245	17.470	2.510	14.960	Circular	1.200
SW14	Manhole	517510.441	112027.509	16.500	2.040	14.460	Circular	1.200
SW15	Manhole	517560.961	112033.708	15.750	1.790	13.960	Circular	1.200
SW34	Manhole	517509.811	111971.624	17.000	2.630	14.370	Circular	1.200
SW33	Manhole	517527.300	111918.116	16.600	1.940	14.660	Circular	1.200
SW32	Manhole	517517.685	111909.323	16.900	2.170	14.730	Circular	1.200
SW16	Manhole	517450.773	111880.512	17.150	0.750	16.400	Circular	1.200
SW17	Manhole	517468.828	111825.197	16.800	0.820	15.980	Circular	1.200
SW18	Manhole	517509.081	111838.360	16.910	1.300	15.610	Circular	1.200
SW19	Manhole	517503.136	111856.379	16.920	1.440	15.480	Circular	1.200
SW20	Manhole	517458.992	111896.668	17.000	0.750	16.250	Circular	1.200
SW21	Manhole	517486.769	111905.736	16.870	0.890	15.980	Circular	1.200
SW30	Manhole	517552.244	111895.129	16.450	0.820	15.630	Circular	0.600
SW31	Manhole	517541.606	111925.317	16.450	1.150	15.300	Circular	1.200
SW29	Manhole	517504.845	111913.632	16.600	1.710	14.890	Circular	1.200
SW28	Manhole	517489.961	111908.766	16.750	1.750	15.000	Circular	1.200
SW23	Manhole	517481.685	111932.836	16.500	1.380	15.120	Circular	1.200
SW22	Manhole	517495.654	111951.515	16.350	0.750	15.600	Circular	0.600
SW27	Manhole	517519.623	111945.318	16.450	1.080	15.370	Circular	1.200
SW26	Manhole	517537.082	111955.502	16.450	0.820	15.630	Circular	0.600
SW25	Manhole	517519.293	111949.676	16.450	1.060	15.390	Circular	1.200
SW1	Manhole	517479.133	111931.712	17.450	0.750	16.700	Circular	0.600
SW2	Manhole	517483.957	111916.949	17.450	0.930	16.520	Circular	0.600
SW3	Manhole	517454.981	111907.475	17.450	1.220	16.230	Circular	1.200
SW4	Manhole	517428.140	111989.510	17.450	2.020	15.430	Circular	1.200
SW10	Manhole	517523.076	111995.273	17.450	0.820	16.630	Circular	1.200
SW9	Manhole	517479.574	111981.183	17.470	1.200	16.270	Circular	1.200
SW7	Manhole	517476.175	111950.478	17.500	0.920	16.580	Circular	1.200
SW8	Manhole	517467.473	111977.092	17.500	1.120	16.380	Circular	1.200
SW5	Manhole	517520.646	112019.711	17.600	0.750	16.850	Circular	1.200
SW6	Manhole	517472.012	112003.833	17.470	1.730	15.740	Circular	1.200
SW11	Manhole	517435.856	111916.048	17.440	1.280	16.160	Circular	1.200
SW12	Manhole	517410.484	111985.562	18.200	2.800	15.400	Circular	1.200
Surface Water Outfall	Manhole	517677.256	112071.727	13.830	0.450	13.380	Circular	1.200
SW24	Manhole	517495.869	111938.266	16.450	0.750	15.700	Circular	0.600

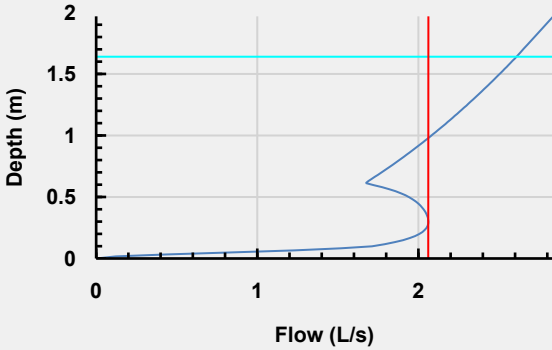
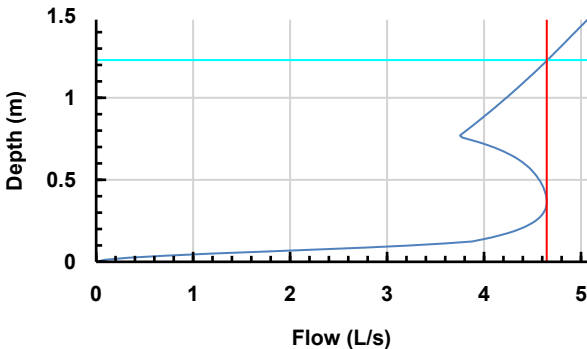
Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026		
		Designed by: SV	Checked by: SP	
		Approved By: SP		
Report Details: Type: Junctions Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge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

Name	Lock
SW13	None
SW14	None
SW15	None
SW34	None
SW33	None
SW32	None
SW16	None
SW17	None
SW18	None
SW19	None
SW20	None
SW21	None
SW30	None
SW31	None
SW29	None
SW28	None
SW23	None
SW22	None
SW27	None
SW26	None
SW25	None
SW1	None
SW2	None
SW3	None
SW4	None
SW10	None
SW9	None
SW7	None
SW8	None
SW5	None
SW6	None
SW11	None
SW12	None
Surface Water Outfall	None
SW24	None

Outlets			
Junction	Outlet Name	Outgoing Connection	Outlet Type
	Outlet	1.005	Hydro-Brake®

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



Junction	Outlet Name	Outgoing Connection	Outlet Type
SW13	Invert Level (m)	14.960	
	Design Depth (m)	1.640	
	Design Flow (L/s)	2.613	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0069-2613-1640-2613	
			
SW14	Outlet	1.006	Free Discharge
SW15	Outlet	1.007	Free Discharge
SW34	Outlet	6.007	Free Discharge
SW33	Outlet	6.006	Free Discharge
SW32	Outlet	6.005	Hydro-Brake®
	Invert Level (m)	14.730	
	Design Depth (m)	1.230	
	Design Flow (L/s)	4.656	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0099-4656-1230-4656	
			
SW16	Outlet	6.000	Free Discharge
SW17	Outlet	6.001	Free Discharge
SW18	Outlet	6.002	Free Discharge
SW19	Outlet	6.003	Free Discharge
SW20	Outlet	7.000	Free Discharge
SW21	Outlet	7.001	Free Discharge
SW30	Outlet	13.000	Free Discharge
SW31	Outlet	13.001	Free Discharge
SW29	Outlet	8.004	Free Discharge
SW28	Outlet	8.003	Free Discharge
SW23	Outlet	8.002	Free Discharge

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



Junction	Outlet Name	Outgoing Connection	Outlet Type
SW22	Outlet	8.001	Free Discharge
SW27	Outlet	9.002	Free Discharge
SW26	Outlet	10.000	Free Discharge
SW25	Outlet	9.001	Free Discharge
SW1	Outlet	1.000	Free Discharge
SW2	Outlet	1.001	Free Discharge
SW3	Outlet	1.002	Free Discharge
SW4	Outlet	1.003	Free Discharge
SW10	Outlet	4.000	Free Discharge
SW9	Outlet	3.002	Free Discharge
SW7	Outlet	3.000	Free Discharge
SW8	Outlet	3.001	Free Discharge
SW5	Outlet	2.000	Free Discharge
SW6	Outlet	2.001	Free Discharge
SW11	Outlet	5.000	Free Discharge
SW12	Outlet	5.001	Free Discharge
SW24	Outlet	11.001	Free Discharge

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



Courtyard East Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.765
Depth (m)	0.450
Base Level (m)	16.315
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	54.773
Long. Slope (1:X)	500.00
Width (m)	17.745
Total Volume (m³)	108.562

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Courtyard West Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.359
Depth (m)	0.450
Base Level (m)	15.909
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	45.482
Long. Slope (1:X)	500.00
Width (m)	11.124
Total Volume (m³)	56.720

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
---------------------	-------

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



Courtyard Centre Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.450
Depth (m)	0.450
Base Level (m)	16.000
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	26.322
Long. Slope (1:X)	500.00
Width (m)	8.118
Total Volume (m³)	24.044

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
---------------------	-------



MUGA Phase 1

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.366
Depth (m)	0.450
Base Level (m)	15.916
Paving Layer Depth (mm)	90
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	69.465
Long. Slope (1:X)	120.00
Width (m)	30.231
Total Volume (m³)	227.224

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
---------------------	-------

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



Att Tank 1

Type : Cellular Storage

Dimensions

Exceedance Level (m)	17.350
Depth (m)	1.600
Base Level (m)	15.000
Number of Crates Long	64
Number of Crates Wide	10
Number of Crates High	4
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	973.550



Att Tank 2

Type : Cellular Storage

Dimensions

Exceedance Level (m)	16.460
Depth (m)	1.200
Base Level (m)	14.760
Number of Crates Long	46
Number of Crates Wide	29
Number of Crates High	3
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	1521.260

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Connections 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			

Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
1.005	58.850	Pipe	117.699		0.6	150	17.470	14.960
1.006	50.899	Pipe	118.370		0.6	150	16.500	14.460
6.005	13.030	Pipe	186.145		0.6	225	16.900	14.730
6.006	56.294	Pipe	194.117		0.6	225	16.600	14.660
6.007	80.441	Pipe	196.197		0.6	225	17.000	14.370
1.007	122.351	Pipe	210.950		0.6	225	15.750	13.960
6.000	58.186	Pipe	138.539		0.6	225	17.150	16.400
6.001	42.350	Pipe	141.166		0.6	225	16.800	15.980
6.002	18.974	Pipe	145.955		0.6	300	16.910	15.610
7.000	29.220	Pipe	108.222		0.6	225	17.000	16.250
7.001	52.000	Pipe	120.930		0.6	225	16.870	15.980
6.003	5.922	Pipe	59.175		0.6	300	16.920	15.480
8.001	23.324	Pipe	70.678		0.6	150	16.350	15.600
8.002	25.453	Pipe	212.112		0.6	300	16.500	15.120
8.003	15.659	Pipe	142.356		0.6	300	16.750	15.000
13.000	32.008	Pipe	123.107		0.6	225	16.450	15.630
9.001	4.370	Pipe	218.514		0.6	300	16.450	15.390
1.004	4.859	Pipe	121.463		0.6	375	17.350	15.000
5.000	73.999	Pipe	97.367		0.6	375	17.440	16.160
5.001	8.301	Pipe	60.000		0.6	375	18.200	15.400
1.003	3.226	Pipe	60.000		0.6	300	17.450	15.430
11.000	1.418	Pipe	4.727		0.6	150	16.503	16.000
8.000	3.220	Pipe	10.421		0.6	150	16.450	15.909
9.000	1.806	Pipe	1.953		0.6	150	16.875	16.315
1.002	86.315	Pipe	107.894		0.6	300	17.450	16.230
2.001	46.151	Pipe	148.874		0.6	300	17.470	15.740
2.000	51.160	Pipe	52.742		0.6	150	17.600	16.850
3.000	28.000	Pipe	140.000		0.6	225	17.500	16.580
3.001	12.774	Pipe	116.123		0.6	225	17.500	16.380
4.000	45.727	Pipe	127.020		0.6	225	17.450	16.630
3.002	23.879	Pipe	51.912		0.6	225	17.470	16.270
1.000	15.531	Pipe	141.194		0.6	150	17.450	16.700
1.001	30.485	Pipe	138.570		0.6	225	17.450	16.520
10.000	18.719	Pipe	77.997		0.6	225	16.450	15.630
13.001	38.573	Pipe	94.081		0.6	300	16.450	15.300
Dummy Pipe	12.320	Pipe	10.657		0.6	300	16.945	15.916
6.004	7.651	Pipe	255.039		0.6	375	16.460	14.760
8.004	15.781	Pipe	121.390		0.6	375	16.600	14.890
11.001	15.187	Pipe	35.319		0.6	150	16.450	15.700
9.002	39.938	Pipe	159.751		0.6	300	16.450	15.370

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

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)
1.005	16.500	14.460		None	2.84
1.006	15.750	14.030		Levels	
6.005	16.600	14.660		None	5.07
6.006	17.000	14.370		None	
6.007	15.750	13.960		None	
1.007	13.830	13.380		None	
6.000	16.800	15.980		None	
6.001	16.910	15.680		Levels	
6.002	16.920	15.480		None	
7.000	16.870	15.980		None	
7.001	16.920	15.550		Levels	
6.003	16.460	15.380		Levels	
8.001	16.500	15.270		Levels	
8.002	16.750	15.000		None	
8.003	16.600	14.890		Levels	
13.000	16.450	15.370		Levels	
9.001	16.450	15.370		Levels	
1.004	17.470	14.960		None	
5.000	18.200	15.400		Levels	
5.001	17.350	15.262		Levels	
1.003	17.350	15.376		Levels	
11.000	16.450	15.700		None	0.78
8.000	16.350	15.600		None	3.07
9.000	16.450	15.390		None	3.07
1.002	17.450	15.430		None	
2.001	17.450	15.430		None	
2.000	17.470	15.880		Levels	
3.000	17.500	16.380		None	
3.001	17.470	16.270		None	
4.000	17.470	16.270		None	
3.002	17.470	15.810		Levels	
1.000	17.450	16.590		Levels	
1.001	17.450	16.300		Levels	
10.000	16.450	15.390		None	
13.001	16.600	14.890		Levels	
Dummy Pipe	16.460	14.760		None	
6.004	16.900	14.730		None	
8.004	16.460	14.760		None	
11.001	16.500	15.270		Levels	
9.002	16.500	15.120		None	

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW13	17.470 14.960	Diameter / Length: 1.200	{1} 1.004	Pipe	14.960	Diam/Width:375	Manhole
E:517454.497	2.510						
N:112009.245			{a} 1.005	Pipe	14.960	Diam/Width:150	Not Applicable
SW14	16.500 14.460	Diameter / Length: 1.200	{1} 1.005	Pipe	14.460	Diam/Width:150	Manhole
E:517510.441	2.040						
N:112027.509			{a} 1.006	Pipe	14.460	Diam/Width:150	Not Applicable
SW15	15.750 13.960	Diameter / Length: 1.200	{1} 1.006	Pipe	14.030	Diam/Width:150	Manhole
E:517560.961	1.790		{2} 6.007	Pipe	13.960	Diam/Width:225	
N:112033.708			{a} 1.007	Pipe	13.960	Diam/Width:225	Not Applicable
SW34	17.000 14.370	Diameter / Length: 1.200	{1} 6.006	Pipe	14.370	Diam/Width:225	Manhole
E:517509.811	2.630						
N:111971.624			{a} 6.007	Pipe	14.370	Diam/Width:225	Not Applicable
SW33	16.600 14.660	Diameter / Length: 1.200	{1} 6.005	Pipe	14.660	Diam/Width:225	Manhole
E:517527.300	1.940						
N:111918.116			{a} 6.006	Pipe	14.660	Diam/Width:225	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW32	16.900 14.730	Diameter / Length: 1.200	{1} 6.004	Pipe	14.730	Diam/Width:375	Manhole
E:517517.685 N:111909.323	2.170						
			{a} 6.005	Pipe	14.730	Diam/Width:225	Not Applicable
SW16	17.150 16.400	Diameter / Length: 1.200					Manhole
E:517450.773 N:111880.512	0.750						
			{a} 6.000	Pipe	16.400	Diam/Width:225	Not Applicable
SW17	16.800 15.980	Diameter / Length: 1.200	{1} 6.000	Pipe	15.980	Diam/Width:225	Manhole
E:517468.828 N:111825.197	0.820						
			{a} 6.001	Pipe	15.980	Diam/Width:225	Not Applicable
SW18	16.910 15.610	Diameter / Length: 1.200	{1} 6.001	Pipe	15.680	Diam/Width:225	Manhole
E:517509.081 N:111838.360	1.300						
			{a} 6.002	Pipe	15.610	Diam/Width:300	Not Applicable
SW19	16.920 15.480	Diameter / Length: 1.200	{1} 6.002	Pipe	15.480	Diam/Width:300	Manhole
E:517503.136 N:111856.379	1.440		{2} 7.001	Pipe	15.550	Diam/Width:225	
			{a} 6.003	Pipe	15.480	Diam/Width:300	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW20	17.000 16.250	Diameter / Length: 1.200					Manhole
E:517458.992 N:111896.668	0.750						
			{a} 7.000	Pipe	16.250	Diam/Width:225	Not Applicable
SW21	16.870 15.980	Diameter / Length: 1.200	{1} 7.000	Pipe	15.980	Diam/Width:225	Manhole
E:517486.769 N:111905.736	0.890						
			{a} 7.001	Pipe	15.980	Diam/Width:225	Not Applicable
SW30	16.450 15.630	Diameter / Length: 0.600					Manhole
E:517552.244 N:111895.129	0.820						
			{a} 13.000	Pipe	15.630	Diam/Width:225	Not Applicable
SW31	16.450 15.300	Diameter / Length: 1.200	{1} 13.000	Pipe	15.370	Diam/Width:225	Manhole
E:517541.606 N:111925.317	1.150						
			{a} 13.001	Pipe	15.300	Diam/Width:300	Not Applicable
SW29	16.600 14.890	Diameter / Length: 1.200	{1} 8.003	Pipe	14.890	Diam/Width:300	Manhole
E:517504.845 N:111913.632	1.710		{2} 13.001	Pipe	14.890	Diam/Width:300	
			{a} 8.004	Pipe	14.890	Diam/Width:375	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW28	16.750 15.000	Diameter / Length: 1.200	{1} 8.002	Pipe	15.000	Diam/Width:300	Manhole
E:517489.961 N:111908.766	1.750						
			{a} 8.003	Pipe	15.000	Diam/Width:300	Not Applicable
SW23	16.500 15.120	Diameter / Length: 1.200	{1} 8.001	Pipe	15.270	Diam/Width:150	Manhole
E:517481.685 N:111932.836	1.380		{2} 11.001	Pipe	15.270	Diam/Width:150 Diam/Width:300	
			{3} 9.002	Pipe	15.120		
			{a} 8.002	Pipe	15.120	Diam/Width:300	Not Applicable
SW22	16.350 15.600	Diameter / Length: 0.600	{1} 8.000	Pipe	15.600	Diam/Width:150	Manhole
E:517495.654 N:111951.515	0.750						
			{a} 8.001	Pipe	15.600	Diam/Width:150	Not Applicable
SW27	16.450 15.370	Diameter / Length: 1.200	{1} 9.001	Pipe	15.370	Diam/Width:300	Manhole
E:517519.623 N:111945.318	1.080						
			{a} 9.002	Pipe	15.370	Diam/Width:300	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW26	16.450 15.630	Diameter / Length: 0.600					Manhole
E:517537.082 N:111955.502	0.820						
			{a} 10.000	Pipe	15.630	Diam/Width:225	Not Applicable
SW25	16.450 15.390	Diameter / Length: 1.200	{1} 9.000	Pipe	15.390	Diam/Width:150	Manhole
E:517519.293 N:111949.676	1.060		{2} 10.000	Pipe	15.390	Diam/Width:225	
			{a} 9.001	Pipe	15.390	Diam/Width:300	Not Applicable
SW1	17.450 16.700	Diameter / Length: 0.600					Manhole
E:517479.133 N:111931.712	0.750						
			{a} 1.000	Pipe	16.700	Diam/Width:150	Not Applicable
SW2	17.450 16.520	Diameter / Length: 0.600	{1} 1.000	Pipe	16.590	Diam/Width:150	Manhole
E:517483.957 N:111916.949	0.930						
			{a} 1.001	Pipe	16.520	Diam/Width:225	Not Applicable
SW3	17.450 16.230	Diameter / Length: 1.200	{1} 1.001	Pipe	16.300	Diam/Width:225	Manhole
E:517454.981 N:111907.475	1.220						
			{a} 1.002	Pipe	16.230	Diam/Width:300	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW4	17.450 15.430	Diameter / Length: 1.200	{1} 1.002	Pipe	15.430	Diam/Width:300	Manhole
E:517428.140 N:111989.510	2.020		{2} 2.001	Pipe	15.430	Diam/Width:300	
			{a} 1.003	Pipe	15.430	Diam/Width:300	Not Applicable
SW10	17.450 16.630	Diameter / Length: 1.200					Manhole
E:517523.076 N:111995.273	0.820		{a} 4.000	Pipe	16.630	Diam/Width:225	Not Applicable
SW9	17.470 16.270	Diameter / Length: 1.200	{1} 3.001	Pipe	16.270	Diam/Width:225	Manhole
E:517479.574 N:111981.183	1.200		{2} 4.000	Pipe	16.270	Diam/Width:225	
			{a} 3.002	Pipe	16.270	Diam/Width:225	Not Applicable
SW7	17.500 16.580	Diameter / Length: 1.200					Manhole
E:517476.175 N:111950.478	0.920		{a} 3.000	Pipe	16.580	Diam/Width:225	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW8	17.500 16.380	Diameter / Length: 1.200	{1} 3.000	Pipe	16.380	Diam/Width:225	Manhole
E:517467.473 N:111977.092	1.120		{a} 3.001	Pipe	16.380	Diam/Width:225	Not Applicable
SW5	17.600 16.850	Diameter / Length: 1.200					Manhole
E:517520.646 N:112019.711	0.750		{a} 2.000	Pipe	16.850	Diam/Width:150	Not Applicable
SW6	17.470 15.740	Diameter / Length: 1.200	{1} 2.000	Pipe	15.880	Diam/Width:150	Manhole
E:517472.012 N:112003.833	1.730		{2} 3.002	Pipe	15.810	Diam/Width:225	
			{a} 2.001	Pipe	15.740	Diam/Width:300	Not Applicable
SW11	17.440 16.160	Diameter / Length: 1.200					Manhole
E:517435.856 N:111916.048	1.280		{a} 5.000	Pipe	16.160	Diam/Width:375	Not Applicable
SW12	18.200 15.400	Diameter / Length: 1.200	{1} 5.000	Pipe	15.400	Diam/Width:375	Manhole
E:517410.484 N:111985.562	2.800		{a} 5.001	Pipe	15.400	Diam/Width:375	Not Applicable

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: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
Surface Water Outfall	13.830 13.380	Diameter / Length: 1.200	{1} 1.007	Pipe	13.380	Diam/Width:225	Manhole
E:517677.256 N:112071.727	0.450						
							Not Applicable
SW24	16.450 15.700	Diameter / Length: 0.600	{1} 11.000	Pipe	15.700	Diam/Width:150	Manhole
E:517495.869 N:111938.266	0.750						
			{a} 11.001	Pipe	15.700	Diam/Width:150	Not Applicable

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



Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	SW12		Time of Concentration	0.085	100	10	110	0.093
Catchment Area (1)	SW7		Time of Concentration	0.015	100	10	110	0.016
Catchment Area (2)	SW8		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (3)	SW10		Time of Concentration	0.020	100	10	110	0.022
Catchment Area (4)	SW3		Time of Concentration	0.029	100	10	110	0.031
Catchment Area (5)	Courtyard West Paving		Time of Concentration	0.056	100	10	110	0.062
Catchment Area (6)	SW22		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (7)	SW22		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (8)	SW25		Time of Concentration	0.012	100	10	110	0.014
Catchment Area (9)	Courtyard East Paving		Time of Concentration	0.097	100	10	110	0.107
Catchment Area (10)	SW10		Time of Concentration	0.011	100	10	110	0.012
Catchment Area (11)	SW1		Time of Concentration	0.004	100	10	110	0.004
Catchment Area (12)	Courtyard Centre Paving		Time of Concentration	0.021	100	10	110	0.024
Catchment Area (13)	SW27		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (14)	SW23		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (15)	SW28		Time of Concentration	0.024	100	10	110	0.026
Catchment Area (16)	SW30		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (17)	SW30		Time of Concentration	0.011	100	10	110	0.012
Catchment Area (20)	SW16		Time of Concentration	0.028	100	10	110	0.031
Catchment Area (21)	SW18		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (22)	SW18		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (23)	SW19		Time of Concentration	0.013	100	10	110	0.014
Catchment Area (24)	SW21		Time of Concentration	0.023	100	10	110	0.025
Catchment Area (24) (1)	SW2		Time of Concentration	0.025	100	10	110	0.028
Catchment Area (24) (1) (1)	SW28		Time of Concentration	0.007	100	10	110	0.007
Catchment Area (25)	MUGA Phase 1		Time of Concentration	0.213	100	0	100	0.213
Catchment Area (26)	SW1		Green Roof	0.004		10		0.004
Catchment Area (27)	SW2		Green Roof	0.011		10		0.012
Catchment Area (28)	SW2		Green Roof	0.005		10		0.005
Catchment Area (29)	SW3		Green Roof	0.014		10		0.015
Catchment Area (30)	SW1		Green Roof	0.017		10		0.019

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



Catchment Area (31)	SW3		Green Roof	0.016		10		0.017
Catchment Area (32)	SW1		Green Roof	0.016		10		0.018
Catchment Area (33)	SW3		Green Roof	0.018		10		0.019
Catchment Area (34)	SW7		Green Roof	0.021		10		0.023
Catchment Area (35)	SW3		Green Roof	0.018		10		0.020
Catchment Area (36)	SW7		Green Roof	0.024		10		0.026
Catchment Area (37)	SW3		Green Roof	0.016		10		0.018
Catchment Area (38)	SW3		Green Roof	0.005		10		0.006
Catchment Area (39)	SW6		Green Roof	0.005		10		0.006
Catchment Area (40)	SW6		Green Roof	0.013		10		0.014
Catchment Area (41)	SW8		Green Roof	0.015		10		0.016
Catchment Area (42)	SW6		Green Roof	0.011		10		0.012
Catchment Area (43)	SW8		Green Roof	0.011		10		0.012
Catchment Area (44)	SW6		Green Roof	0.011		10		0.012
Catchment Area (45)	SW10		Green Roof	0.014		10		0.016
Catchment Area (46)	SW5		Green Roof	0.012		10		0.013
Catchment Area (47)	SW5		Green Roof	0.011		10		0.012
Catchment Area (48)	SW10		Green Roof	0.014		10		0.016
Catchment Area (49)	SW5		Green Roof	0.015		10		0.016
Catchment Area (50)	SW5		Green Roof	0.011		10		0.012
Catchment Area (51)	SW10		Green Roof	0.018		10		0.020
Catchment Area (52)	SW28		Green Roof	0.010		10		0.010
Catchment Area (53)	SW28		Green Roof	0.015		10		0.016
Catchment Area (54)	SW31		Green Roof	0.015		10		0.016
Catchment Area (55)	SW31		Green Roof	0.014		10		0.015
Catchment Area (56)	SW31		Green Roof	0.029		10		0.032
Catchment Area (57)	SW30		Green Roof	0.017		10		0.019
Catchment Area (58)	SW30		Green Roof	0.012		10		0.014
Catchment Area (59)	SW30		Green Roof	0.010		10		0.011
Catchment Area (63)	SW27		Green Roof	0.014		10		0.015
Catchment Area (64)	SW27		Green Roof	0.014		10		0.015
Catchment Area (65)	SW27		Green Roof	0.010		10		0.011
Catchment Area (66)	SW17		Green Roof	0.004		10		0.005
Catchment Area (67)	SW17		Green Roof	0.009		10		0.010

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN			Date: 30/04/2026					
Report Details: Type: Inflow 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					

Catchment Area (68)	SW16		Green Roof	0.019		10		0.021
Catchment Area (69)	SW16		Green Roof	0.020		10		0.022
Catchment Area (70)	SW16		Green Roof	0.019		10		0.021
Catchment Area (71)	SW18		Green Roof	0.011		10		0.012
Catchment Area (72)	SW18		Green Roof	0.022		10		0.024
Catchment Area (73)	SW21		Green Roof	0.020		10		0.022
Catchment Area (74)	SW21		Green Roof	0.019		10		0.021
Catchment Area (75)	SW21		Green Roof	0.018		10		0.020
Catchment Area (76)	SW21		Green Roof	0.017		10		0.018
Catchment Area (77)	SW21		Green Roof	0.003		10		0.003
Catchment Area (78)	SW20		Green Roof	0.003		10		0.003
Catchment Area (79)	SW20		Green Roof	0.011		10		0.012
Catchment Area (80)	SW20		Green Roof	0.006		10		0.007
Catchment Area (81)	SW16		Green Roof	0.019		10		0.021
Catchment Area (82)	SW16		Green Roof	0.018		10		0.020
Catchment Area (83)	SW11		Time of Concentration	0.211	100	10	110	0.232
Catchment Area (84)	SW11		Time of Concentration	0.031	100	10	110	0.035
Catchment Area (85)	SW31		Time of Concentration	0.026	100	10	110	0.029
Catchment Area (86)	SW31		Time of Concentration	0.024	100	10	110	0.027
TOTAL		0.0		1.794				1.952

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: Network Design Criteria Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Soffits
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☐

Manhole Options

Apply Offset	☐
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Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Junctions 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			

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SW80	Manhole	517616.853	111733.522	14.350	1.465	12.885	Circular	1.350
SW81	Manhole	517648.492	111731.307	14.390	1.715	12.675	Circular	1.200
SW82	Manhole	517658.279	111720.715	14.330	1.750	12.580	Circular	1.200
SW35	Manhole	517431.369	111794.788	17.440	1.050	16.390	Circular	1.200
SW36	Manhole	517421.877	111760.949	17.870	1.970	15.900	Circular	1.200
SW37	Manhole	517415.507	111723.181	17.660	1.050	16.610	Circular	1.200
SW38	Manhole	517457.680	111744.234	17.120	1.710	15.410	Circular	1.200
SW39	Manhole	517496.437	111727.709	15.900	1.400	14.500	Circular	1.200
SW40	Manhole	517529.606	111738.973	14.890	1.200	13.690	Circular	1.200
SW43	Manhole	517538.582	111711.726	15.000	1.580	13.420	Circular	1.200
SW47	Manhole	517569.713	111721.681	14.240	1.200	13.040	Circular	1.200
SW53	Manhole	517582.794	111725.890	14.280	1.300	12.980	Circular	1.350
SW44	Manhole	517510.773	111714.081	15.200	0.750	14.450	Circular	0.600
SW45	Manhole	517514.771	111715.977	15.200	1.050	14.150	Circular	1.200
SW46	Manhole	517526.942	111705.225	15.600	1.770	13.830	Circular	1.200
SW54	Manhole	517545.313	111696.819	15.310	1.050	14.260	Circular	1.200
SW55	Manhole	517583.604	111676.689	14.710	1.150	13.560	Circular	1.200
SW56	Manhole	517606.212	111679.541	14.590	1.150	13.440	Circular	1.200
SW57	Manhole	517590.399	111728.326	14.370	1.180	13.190	Circular	1.200
SW59	Manhole	517613.651	111732.434	14.550	1.180	13.370	Circular	1.200
SW49	Manhole	517546.242	111712.390	14.910	1.050	13.860	Circular	0.600
SW50	Manhole	517553.080	111714.643	14.825	1.050	13.775	Circular	0.600
SW51	Manhole	517563.343	111718.007	14.542	1.050	13.492	Circular	0.600
SW52	Manhole	517570.179	111720.256	14.395	1.050	13.345	Circular	0.600
SW62	Manhole	517580.465	111723.599	14.309	1.050	13.259	Circular	0.600
SW63	Manhole	517583.321	111724.523	14.314	1.050	13.264	Circular	0.600
SW61	Manhole	517598.041	111727.776	14.421	1.050	13.371	Circular	0.600
SW58	Manhole	517620.669	111730.349	14.500	1.050	13.450	Circular	0.600
SW60	Manhole	517604.895	111716.556	14.600	1.050	13.550	Circular	0.600
SW42	Manhole	517524.956	111729.690	14.764	0.650	14.114	Circular	0.600
SW41	Manhole	517526.156	111741.629	14.980	0.600	14.380	Circular	0.600
SW70	Manhole	517534.273	111747.868	15.380	1.395	13.985	Circular	1.200
SW71	Manhole	517560.113	111755.439	15.300	1.515	13.785	Circular	1.200
SW69	Manhole	517523.571	111763.099	15.310	0.750	14.560	Circular	1.200
SW68	Manhole	517527.180	111764.279	15.310	1.120	14.190	Circular	1.200
SW67	Manhole	517511.453	111812.377	15.310	0.750	14.560	Circular	0.600
SW72	Manhole	517536.174	111828.649	15.270	0.750	14.520	Circular	0.600
SW65	Manhole	517621.769	111784.105	14.350	1.050	13.300	Circular	1.200
SW66	Manhole	517612.330	111813.001	14.700	1.050	13.650	Circular	1.200
SW64	Manhole	517633.208	111757.804	14.270	1.050	13.220	Circular	0.600
Rainwater Harvester	Manhole	517568.217	111930.882	16.500	1.270	15.230	Circular	1.200
SW74	Manhole	517572.813	111916.626	16.500	1.360	15.140	Circular	1.200
SW75	Manhole	517581.764	111890.558	16.000	1.050	14.950	Circular	1.200
SW76	Manhole	517559.869	111873.986	16.030	1.630	14.400	Circular	1.200
SW78	Manhole	517592.968	111868.693	15.200	1.050	14.150	Circular	1.200
SW77	Manhole	517546.301	111853.428	15.550	2.010	13.540	Circular	1.200
SW79	Manhole	517552.481	111834.569	15.350	2.040	13.310	Circular	1.200
SW48	Manhole	517551.624	111736.591	14.950	0.750	14.200	Circular	0.600
SW26	Manhole	517557.422	111961.337	16.450	1.020	15.430	Circular	0.600
SW25	Manhole	517539.130	111955.420	16.450	0.750	15.700	Circular	0.600

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

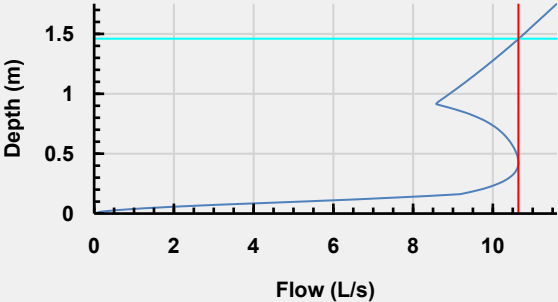


Name	Lock
SW80	None
SW81	None
SW82	None
SW35	None
SW36	None
SW37	None
SW38	None
SW39	None
SW40	None
SW43	None
SW47	None
SW53	None
SW44	None
SW45	None
SW46	None
SW54	None
SW55	None
SW56	None
SW57	None
SW59	None
SW49	None
SW50	None
SW51	None
SW52	None
SW62	None
SW63	None
SW61	None
SW58	None
SW60	None
SW42	None
SW41	None
SW70	None
SW71	None
SW69	None
SW68	None
SW67	None
SW72	None
SW65	None
SW66	None
SW64	None
Rainwater Harvester	None
SW74	None
SW75	None
SW76	None
SW78	None
SW77	None
SW79	None
SW48	None
SW26	None
SW25	None

Outlets			
Junction	Outlet Name	Outgoing Connection	Outlet Type
	Outlet	12.009	Hydro-Brake®

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



Junction	Outlet Name	Outgoing Connection	Outlet Type
SW80	Invert Level (m)	12.885	
	Design Depth (m)	1.460	
	Design Flow (L/s)	10.653	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0143-1065-1460-1065	
			
SW81	Outlet	12.010	Free Discharge
SW35	Outlet	12.000	Free Discharge
SW36	Outlet	12.001	Free Discharge
SW37	Outlet	13.000	Free Discharge
SW38	Outlet	12.002	Free Discharge
SW39	Outlet	12.003	Free Discharge
SW40	Outlet	12.004	Free Discharge
SW43	Outlet	12.005	Free Discharge
SW47	Outlet	12.006	Free Discharge
SW53	Outlet	12.007	Free Discharge
SW44	Outlet	22.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	14.450	
SW45	Outlet	22.002	Free Discharge
SW46	Outlet	22.003	Free Discharge
SW54	Outlet	18.000	Free Discharge
SW55	Outlet	18.001	Free Discharge
SW56	Outlet	18.002	Free Discharge
SW57	Outlet	17.003	Free Discharge
SW59	Outlet	17.002	Free Discharge
SW49	Outlet	25.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.860	
SW50	Outlet	26.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.775	
SW51	Outlet	27.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.492	
SW52	Outlet	28.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.345	
	Outlet	29.001	Orifice

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

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW62	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.259	
SW63	Outlet	30.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.264	
SW61	Outlet	31.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.371	
SW58	Outlet	17.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.450	
SW60	Outlet	32.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.550	
SW42	Outlet	33.001	Free Discharge
SW41	Outlet	34.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	14.380	
SW70	Outlet	15.002	Free Discharge
SW71	Outlet	15.003	Free Discharge
SW69	Outlet	35.001	Free Discharge
SW68	Outlet	15.001	Free Discharge
SW67	Outlet	15.000	Free Discharge
SW72	Outlet	16.000	Free Discharge
SW65	Outlet	19.001	Free Discharge
SW66	Outlet	20.000	Free Discharge
SW64	Outlet	19.000	Free Discharge
Rainwater Harvester	Outlet	14.001	Free Discharge
SW74	Outlet	14.002	Free Discharge
SW75	Outlet	14.003	Free Discharge
SW76	Outlet	14.004	Free Discharge
SW78	Outlet	23.000	Free Discharge
SW77	Outlet	14.005	Free Discharge
SW79	Outlet	14.006	Free Discharge
SW48	Outlet	21.000	Free Discharge
SW26	Outlet	Pipe (1)	Free Discharge
SW25	Outlet	Pipe	Free Discharge

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



Car Park 1

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.370
Depth (m)	0.450
Base Level (m)	14.920
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	24.693
Long. Slope (1:X)	55.00
Width (m)	4.716
Total Volume (m³)	13.127

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 2

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.985
Depth (m)	0.450
Base Level (m)	14.535
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	29.999
Long. Slope (1:X)	100.00
Width (m)	2.500
Total Volume (m³)	8.673

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Car Park 3

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.764
Depth (m)	0.650
Base Level (m)	14.114
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	34.613
Long. Slope (1:X)	750.00
Width (m)	6.013
Total Volume (m³)	36.020

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 4

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.913
Depth (m)	0.450
Base Level (m)	14.463
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	12.000
Long. Slope (1:X)	42.00
Width (m)	4.800
Total Volume (m³)	6.536

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Car Park 5

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.825
Depth (m)	0.450
Base Level (m)	14.375
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	19.191
Long. Slope (1:X)	42.00
Width (m)	4.800
Total Volume (m³)	10.378

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 6

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.542
Depth (m)	0.450
Base Level (m)	14.092
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	29.739
Long. Slope (1:X)	46.00
Width (m)	4.800
Total Volume (m³)	16.013

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Car Park 7

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.395
Depth (m)	0.450
Base Level (m)	13.945
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	37.197
Long. Slope (1:X)	63.00
Width (m)	4.800
Total Volume (m³)	20.048

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 8

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.309
Depth (m)	0.450
Base Level (m)	13.859
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.198
Long. Slope (1:X)	169.00
Width (m)	4.800
Total Volume (m³)	23.545

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Car Park 9

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.314
Depth (m)	0.450
Base Level (m)	13.864
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.200
Long. Slope (1:X)	167.00
Width (m)	4.800
Total Volume (m³)	23.545

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 10

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.421
Depth (m)	0.450
Base Level (m)	13.971
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.201
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	23.552

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Car Park 11

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.600
Depth (m)	0.450
Base Level (m)	14.150
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	14.384
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	7.842

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Car Park 12

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.500
Depth (m)	0.450
Base Level (m)	14.050
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	14.400
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	7.850

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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 Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Blocks North

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.500
Depth (m)	0.450
Base Level (m)	16.050
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	24.906
Long. Slope (1:X)	200.00
Width (m)	3.425
Total Volume (m³)	9.778

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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Blocks Middle

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.320
Depth (m)	0.600
Base Level (m)	14.720
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	12.763
Long. Slope (1:X)	200.00
Width (m)	3.871
Total Volume (m³)	7.865

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



MUGA 2

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.278
Depth (m)	0.450
Base Level (m)	14.828
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	64.050
Long. Slope (1:X)	200.00
Width (m)	36.600
Total Volume (m³)	260.925

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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AWP

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.377
Depth (m)	0.490
Base Level (m)	13.887
Paving Layer Depth (mm)	90
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	101.400
Long. Slope (1:X)	120.00
Width (m)	63.000
Total Volume (m³)	767.063

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0
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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: Stormwater Controls Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		



Cellular Storage

Type : Cellular Storage

Dimensions	
Exceedance Level (m)	14.415
Depth (m)	0.800
Base Level (m)	12.950
Number of Crates Long	85
Number of Crates Wide	45
Number of Crates High	2
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	2907.665

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Connections 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			

Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
12.000	35.145	Pipe	71.724		0.6	225	17.440	16.390
13.000	38.301	Pipe	59.845		0.6	225	17.660	16.610
12.001	39.512	Pipe	80.637		0.6	300	17.870	15.900
12.002	42.134	Pipe	46.301		0.6	300	17.120	15.410
12.003	35.029	Pipe	43.246		0.6	300	15.900	14.500
12.004	28.687	Pipe	106.250		0.6	300	14.890	13.690
12.005	32.685	Pipe	86.012		0.6	300	15.000	13.420
12.006	13.741	Pipe	229.012		0.6	300	14.240	13.040
22.002	16.240	Pipe	50.749		0.6	150	15.200	14.150
22.003	13.332	Pipe	51.278		0.6	150	15.600	13.830
18.000	43.260	Pipe	69.775		0.6	150	15.310	14.260
18.001	22.787	Pipe	189.888		0.6	225	14.710	13.560
18.002	51.284	Pipe	205.136		0.6	225	14.590	13.440
17.002	23.612	Pipe	131.177		0.6	225	14.550	13.370
17.003	7.986	Pipe	114.090		0.6	225	14.370	13.190
19.000	28.681	Pipe	-358.513		0.6	225	14.270	13.220
20.000	30.398	Pipe	86.851		0.6	225	14.700	13.650
19.001	13.607	Pipe	38.877		0.6	225	14.350	13.300
12.007	11.274	Pipe	375.784		0.6	375	14.280	12.980
15.000	50.604	Pipe	136.769		0.6	225	15.310	14.560
15.001	17.878	Pipe	137.522		0.6	225	15.310	14.190
15.002	26.926	Pipe	134.631		0.6	225	15.380	13.985
16.000	77.025	Pipe	116.704		0.6	225	15.270	14.520
15.003	9.213	Pipe	27.500		0.6	300	15.300	13.785
21.000	23.442	Pipe	20.209		0.6	150	14.950	14.200
22.001	4.425	Pipe	14.751		0.6	150	15.200	14.450
22.000	1.041	Pipe	2.216		0.6	150	15.819	14.920
14.001	14.979	Pipe	166.431		0.6	225	16.500	15.230
14.002	27.562	Pipe	145.062		0.6	225	16.500	15.140
14.003	27.460	Pipe	49.927		0.6	225	16.000	14.950
14.004	24.632	Pipe	28.642		0.6	225	16.030	14.400
14.005	19.845	Pipe	86.283		0.6	225	15.550	13.540
14.006	16.851	Pipe	46.810		0.6	225	15.350	13.310
23.000	49.101	Pipe	80.493		0.6	150	15.200	14.150
14.000	16.596	Pipe	20.239		0.6	150	16.625	16.050
24.000	37.538	Pipe	31.812		0.6	100	15.384	14.720
35.001	3.797	Pipe	10.262		0.6	150	15.310	14.560
34.001	4.354	Pipe	6.597		0.6	150	14.980	14.380
34.000	1.207	Pipe	7.788		0.6	150	15.285	14.535
33.000	4.012	Pipe	0.000		0.6	150	14.810	14.114
33.001	10.383	Pipe	24.488		0.6	150	14.764	14.114
25.001	25.243	Pipe	42.785		0.6	150	14.910	13.860
26.001	18.061	Pipe	35.763		0.6	150	14.825	13.775
27.001	7.354	Pipe	33.125		0.6	150	14.542	13.492
28.001	1.499	Pipe	19.992		0.6	150	14.395	13.345
29.001	3.266	Pipe	47.334		0.6	150	14.309	13.259
30.001	1.464	Pipe	19.789		0.6	150	14.314	13.264
31.001	7.661	Pipe	44.803		0.6	150	14.421	13.371
32.001	3.000	Pipe	-7.126		0.6	100	14.600	13.550
17.001	7.321	Pipe	91.514		0.6	150	14.500	13.450
32.000	8.563	Pipe	14.272		0.6	150	14.672	14.150
12.008	14.777	Pipe	227.345		0.6	300	14.415	12.950
12.009	31.716	Pipe	151.030		0.6	150	14.350	12.885
12.010	14.421	Pipe	151.801		0.6	150	14.390	12.675
25.000	6.427	Pipe	10.658		0.6	150	15.199	14.463
26.000	5.159	Pipe	8.598		0.6	150	15.282	14.375

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



27.000	3.927	Pipe	6.545	0.6	150	15.188	14.092
28.000	4.898	Pipe	8.164	0.6	150	14.985	13.945
29.000	2.930	Pipe	4.884	0.6	150	14.565	13.859
30.000	3.068	Pipe	5.113	0.6	150	14.573	13.864
31.000	2.250	Pipe	3.749	0.6	150	14.637	13.971
17.000	1.366	Pipe	2.277	0.6	150	14.572	14.050
Dummy Pipe	11.409	Pipe	26.107	0.6	225	15.222	13.887
35.000	2.092	Pipe	7.807	0.6	150	15.598	14.828
Pipe	19.225	Pipe	101.184	0.6	150	16.450	15.700
Pipe (1)	32.311	Pipe	161.557	0.6	225	16.450	15.430

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)
12.000	17.870	15.900		Levels	
13.000	17.870	15.970		Levels	
12.001	17.120	15.410		None	
12.002	15.900	14.500		None	
12.003	14.890	13.690		None	
12.004	15.000	13.420		None	
12.005	14.240	13.040		None	
12.006	14.280	12.980		Levels	
22.002	15.600	13.830		None	
22.003	15.000	13.570		Levels	
18.000	14.710	13.640		Levels	
18.001	14.590	13.440		None	
18.002	14.370	13.190		None	
17.002	14.370	13.190		Levels	
17.003	14.280	13.120		Levels	
19.000	14.350	13.300		None	
20.000	14.350	13.300		None	
19.001	14.415	12.950		None	
12.007	14.415	12.950		None	
15.000	15.310	14.190		None	
15.001	15.380	14.060		All	
15.002	15.300	13.785		All	
16.000	15.300	13.860		All	
15.003	14.415	13.450		All	
21.000	14.240	13.040		None	
22.001	15.200	14.150		None	4.4
22.000	15.200	14.450		None	0.0
14.001	16.500	15.140		None	
14.002	16.000	14.950		None	
14.003	16.030	14.400		None	
14.004	15.550	13.540		None	
14.005	15.350	13.310		None	
14.006	14.415	12.950		None	
23.000	15.550	13.540		None	
14.000	16.500	15.230		None	0.0
24.000	15.550	13.540		None	0.0
35.001	15.310	14.190		None	
34.001	14.890	13.720		All	4.0
34.000	14.980	14.380		None	0.0
33.000	14.764	14.114		None	0.0
33.001	14.890	13.690		None	
25.001	14.240	13.270		Levels	5.3
26.001	14.240	13.270		Levels	5.3
27.001	14.240	13.270		Levels	5.3
28.001	14.240	13.270		Levels	5.3
29.001	14.280	13.190		Levels	5.3

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

30.001	14.280	13.190	Levels	5.3
31.001	14.370	13.200	Levels	5.3
32.001	14.637	13.971	None	5.3
17.001	14.550	13.370	None	5.3
32.000	14.600	13.550	None	0.0
12.008	14.350	12.885	None	
12.009	14.390	12.675	None	10.7
12.010	14.330	12.580	None	
25.000	14.910	13.860	None	0.0
26.000	14.825	13.775	None	0.0
27.000	14.542	13.492	None	0.0
28.000	14.395	13.345	None	0.0
29.000	14.309	13.259	None	0.0
30.000	14.314	13.264	None	0.0
31.000	14.421	13.371	None	0.0
17.000	14.500	13.450	None	0.0
Dummy Pipe	14.415	13.450	All	0.0
35.000	15.310	14.560	None	0.0
Pipe	16.450	15.510	All	
Pipe (1)	16.500	15.230	None	

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW80	14.350 12.885	Diameter / Length: 1.350	{1} 12.008	Pipe	12.885	Diam/Width:300	Manhole
E:517616.853 N:111733.522	1.465						
			{a} 12.009	Pipe	12.885	Diam/Width:150	Not Applicable
SW81	14.390 12.675	Diameter / Length: 1.200	{1} 12.009	Pipe	12.675	Diam/Width:150	Manhole
E:517648.492 N:111731.307	1.715						
			{a} 12.010	Pipe	12.675	Diam/Width:150	Not Applicable
SW82	14.330 12.580	Diameter / Length: 1.200	{1} 12.010	Pipe	12.580	Diam/Width:150	Manhole
E:517658.279 N:111720.715	1.750						
							Not Applicable
SW35	17.440 16.390	Diameter / Length: 1.200					Manhole
E:517431.369 N:111794.788	1.050						
			{a} 12.000	Pipe	16.390	Diam/Width:225	Not Applicable
SW36	17.870 15.900	Diameter / Length: 1.200	{1} 12.000	Pipe	15.900	Diam/Width:225	Manhole
E:517421.877 N:111760.949	1.970		{2} 13.000	Pipe	15.970	Diam/Width:225	
			{a} 12.001	Pipe	15.900	Diam/Width:300	Not Applicable

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW37	17.660 16.610	Diameter / Length: 1.200					Manhole
E:517415.507 N:111723.181	1.050						
			{a} 13.000	Pipe	16.610	Diam/Width:225	Not Applicable
SW38	17.120 15.410	Diameter / Length: 1.200	{1} 12.001	Pipe	15.410	Diam/Width:300	Manhole
E:517457.680 N:111744.234	1.710						
			{a} 12.002	Pipe	15.410	Diam/Width:300	Not Applicable
SW39	15.900 14.500	Diameter / Length: 1.200	{1} 12.002	Pipe	14.500	Diam/Width:300	Manhole
E:517496.437 N:111727.709	1.400						
			{a} 12.003	Pipe	14.500	Diam/Width:300	Not Applicable
SW40	14.890 13.690	Diameter / Length: 1.200	{1} 12.003	Pipe	13.690	Diam/Width:300	Manhole
E:517529.606 N:111738.973	1.200		{2} 34.001	Pipe	13.720	Diam/Width:150	
			{3} 33.001	Pipe	13.690	Diam/Width:150	
			{a} 12.004	Pipe	13.690	Diam/Width:300	Not Applicable

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: Manhole Schedule Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW43	15.000 13.420	Diameter / Length: 1.200	{1} 12.004	Pipe	13.420	Diam/Width:300	Manhole
E:517538.582	1.580		{2} 22.003	Pipe	13.570	Diam/Width:150	
N:111711.726			{a} 12.005	Pipe	13.420	Diam/Width:300	Not Applicable
SW47	14.240 13.040	Diameter / Length: 1.200	{1} 12.005	Pipe	13.040	Diam/Width:300	Manhole
E:517569.713	1.200		{2} 21.000	Pipe	13.040	Diam/Width:150	
N:111721.681			{3} 25.001	Pipe	13.270	Diam/Width:150	
			{4} 26.001	Pipe	13.270	Diam/Width:150	
			{5} 27.001	Pipe	13.270	Diam/Width:150	
			{6} 28.001	Pipe	13.270	Diam/Width:150	
			{a} 12.006	Pipe	13.040	Diam/Width:300	Not Applicable

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW53	14.280 12.980	Diameter / Length: 1.350	{1} 12.006	Pipe	12.980	Diam/Width:300	Manhole
E:517582.794	1.300		{2} 17.003	Pipe	13.120	Diam/Width:225	
N:111725.890			{3} 30.001	Pipe	13.190	Diam/Width:150	
			{4} 29.001	Pipe	13.190	Diam/Width:150	
			{a} 12.007	Pipe	12.980	Diam/Width:375	Not Applicable
SW44	15.200 14.450	Diameter / Length: 0.600	{1} 22.000	Pipe	14.450	Diam/Width:150	Manhole
E:517510.773	0.750						
N:111714.081			{a} 22.001	Pipe	14.450	Diam/Width:150	Not Applicable
SW45	15.200 14.150	Diameter / Length: 1.200	{1} 22.001	Pipe	14.150	Diam/Width:150	Manhole
E:517514.771	1.050						
N:111715.977			{a} 22.002	Pipe	14.150	Diam/Width:150	Not Applicable
SW46	15.600 13.830	Diameter / Length: 1.200	{1} 22.002	Pipe	13.830	Diam/Width:150	Manhole
E:517526.942	1.770						
N:111705.225			{a} 22.003	Pipe	13.830	Diam/Width:150	Not Applicable

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW54	15.310 14.260	Diameter / Length: 1.200					Manhole
E:517545.313 N:111696.819	1.050						
			{a} 18.000	Pipe	14.260	Diam/Width:150	Not Applicable
SW55	14.710 13.560	Diameter / Length: 1.200	{1} 18.000	Pipe	13.640	Diam/Width:150	Manhole
E:517583.604 N:111676.689	1.150						
			{a} 18.001	Pipe	13.560	Diam/Width:225	Not Applicable
SW56	14.590 13.440	Diameter / Length: 1.200	{1} 18.001	Pipe	13.440	Diam/Width:225	Manhole
E:517606.212 N:111679.541	1.150						
			{a} 18.002	Pipe	13.440	Diam/Width:225	Not Applicable
SW57	14.370 13.190	Diameter / Length: 1.200	{1} 18.002	Pipe	13.190	Diam/Width:225	Manhole
E:517590.399 N:111728.326	1.180		{2} 17.002	Pipe	13.190	Diam/Width:225	
			{3} 31.001	Pipe	13.200	Diam/Width:150	
			{a} 17.003	Pipe	13.190	Diam/Width:225	Not Applicable

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Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW59	14.550 13.370	Diameter / Length: 1.200	{1} 17.001	Pipe	13.370	Diam/Width:150	Manhole
E:517613.651 N:111732.434	1.180		{a} 17.002	Pipe	13.370	Diam/Width:225	Not Applicable
SW49	14.910 13.860	Diameter / Length: 0.600	{1} 25.000	Pipe	13.860	Diam/Width:150	Manhole
E:517546.242 N:111712.390	1.050		{a} 25.001	Pipe	13.860	Diam/Width:150	Not Applicable
SW50	14.825 13.775	Diameter / Length: 0.600	{1} 26.000	Pipe	13.775	Diam/Width:150	Manhole
E:517553.080 N:111714.643	1.050		{a} 26.001	Pipe	13.775	Diam/Width:150	Not Applicable
SW51	14.542 13.492	Diameter / Length: 0.600	{1} 27.000	Pipe	13.492	Diam/Width:150	Manhole
E:517563.343 N:111718.007	1.050		{a} 27.001	Pipe	13.492	Diam/Width:150	Not Applicable
SW52	14.395 13.345	Diameter / Length: 0.600	{1} 28.000	Pipe	13.345	Diam/Width:150	Manhole
E:517570.179 N:111720.256	1.050		{a} 28.001	Pipe	13.345	Diam/Width:150	Not Applicable

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Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW62	14.309 13.259	Diameter / Length: 0.600	{1} 29.000	Pipe	13.259	Diam/Width:150	Manhole
E:517580.465 N:111723.599	1.050						
			{a} 29.001	Pipe	13.259	Diam/Width:150	Not Applicable
SW63	14.314 13.264	Diameter / Length: 0.600	{1} 30.000	Pipe	13.264	Diam/Width:150	Manhole
E:517583.321 N:111724.523	1.050						
			{a} 30.001	Pipe	13.264	Diam/Width:150	Not Applicable
SW61	14.421 13.371	Diameter / Length: 0.600	{1} 31.000	Pipe	13.371	Diam/Width:150	Manhole
E:517598.041 N:111727.776	1.050						
			{a} 31.001	Pipe	13.371	Diam/Width:150	Not Applicable
SW58	14.500 13.450	Diameter / Length: 0.600	{1} 17.000	Pipe	13.450	Diam/Width:150	Manhole
E:517620.669 N:111730.349	1.050						
			{a} 17.001	Pipe	13.450	Diam/Width:150	Not Applicable
SW60	14.600 13.550	Diameter / Length: 0.600	{1} 32.000	Pipe	13.550	Diam/Width:150	Manhole
E:517604.895 N:111716.556	1.050						
			{a} 32.001	Pipe	13.550	Diam/Width:100	Not Applicable

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW42	14.764 14.114	Diameter / Length: 0.600	{1} 33.000	Pipe	14.114	Diam/Width:150	Manhole
E:517524.956 N:111729.690	0.650						
			{a} 33.001	Pipe	14.114	Diam/Width:150	Not Applicable
SW41	14.980 14.380	Diameter / Length: 0.600	{1} 34.000	Pipe	14.380	Diam/Width:150	Manhole
E:517526.156 N:111741.629	0.600						
			{a} 34.001	Pipe	14.380	Diam/Width:150	Not Applicable
SW70	15.380 13.985	Diameter / Length: 1.200	{1} 15.001	Pipe	14.060	Diam/Width:225	Manhole
E:517534.273 N:111747.868	1.395						
			{a} 15.002	Pipe	13.985	Diam/Width:225	Not Applicable
SW71	15.300 13.785	Diameter / Length: 1.200	{1} 15.002	Pipe	13.785	Diam/Width:225	Manhole
E:517560.113 N:111755.439	1.515		{2} 16.000	Pipe	13.860	Diam/Width:225	
			{a} 15.003	Pipe	13.785	Diam/Width:300	Not Applicable
SW69	15.310 14.560	Diameter / Length: 1.200	{1} 35.000	Pipe	14.560	Diam/Width:150	Manhole
E:517523.571 N:111763.099	0.750						
			{a} 35.001	Pipe	14.560	Diam/Width:150	Not Applicable

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: Manhole Schedule Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW68	15.310 14.190	Diameter / Length: 1.200	{1} 15.000	Pipe	14.190	Diam/Width:225	Manhole
E:517527.180 N:111764.279	1.120		{2} 35.001	Pipe	14.190	Diam/Width:150	
			{a} 15.001	Pipe	14.190	Diam/Width:225	Not Applicable
SW67	15.310 14.560	Diameter / Length: 0.600					Manhole
E:517511.453 N:111812.377	0.750						
			{a} 15.000	Pipe	14.560	Diam/Width:225	Not Applicable
SW72	15.270 14.520	Diameter / Length: 0.600					Manhole
E:517536.174 N:111828.649	0.750						
			{a} 16.000	Pipe	14.520	Diam/Width:225	Not Applicable
SW65	14.350 13.300	Diameter / Length: 1.200	{1} 19.000	Pipe	13.300	Diam/Width:225	Manhole
E:517621.769 N:111784.105	1.050		{2} 20.000	Pipe	13.300	Diam/Width:225	
			{a} 19.001	Pipe	13.300	Diam/Width:225	Not Applicable

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: Manhole Schedule Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW66	14.700 13.650	Diameter / Length: 1.200					Manhole
E:517612.330 N:111813.001	1.050						
			{a} 20.000	Pipe	13.650	Diam/Width:225	Not Applicable
SW64	14.270 13.220	Diameter / Length: 0.600					Manhole
E:517633.208 N:111757.804	1.050						
			{a} 19.000	Pipe	13.220	Diam/Width:225	Not Applicable
Rainwater Harvester	16.500 15.230	Diameter / Length: 1.200	{1} 14.000	Pipe	15.230	Diam/Width:150 Diam/Width:225	Manhole
E:517568.217 N:111930.882	1.270		{2} Pipe (1)	Pipe	15.230		
			{a} 14.001	Pipe	15.230	Diam/Width:225	Not Applicable
SW74	16.500 15.140	Diameter / Length: 1.200	{1} 14.001	Pipe	15.140	Diam/Width:225	Manhole
E:517572.813 N:111916.626	1.360						
			{a} 14.002	Pipe	15.140	Diam/Width:225	Not Applicable
SW75	16.000 14.950	Diameter / Length: 1.200	{1} 14.002	Pipe	14.950	Diam/Width:225	Manhole
E:517581.764 N:111890.558	1.050						
			{a} 14.003	Pipe	14.950	Diam/Width:225	Not Applicable

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

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW76	16.030 14.400	Diameter / Length: 1.200	{1} 14.003	Pipe	14.400	Diam/Width:225	Manhole
E:517559.869 N:111873.986	1.630						
			{a} 14.004	Pipe	14.400	Diam/Width:225	Not Applicable
SW78	15.200 14.150	Diameter / Length: 1.200					Manhole
E:517592.968 N:111868.693	1.050						
			{a} 23.000	Pipe	14.150	Diam/Width:150	Not Applicable
SW77	15.550 13.540	Diameter / Length: 1.200	{1} 14.004	Pipe	13.540	Diam/Width:225	Manhole
E:517546.301 N:111853.428	2.010		{2} 23.000	Pipe	13.540	Diam/Width:150 Diam/Width:100	
			{3} 24.000	Pipe	13.540		
			{a} 14.005	Pipe	13.540	Diam/Width:225	Not Applicable
SW79	15.350 13.310	Diameter / Length: 1.200	{1} 14.005	Pipe	13.310	Diam/Width:225	Manhole
E:517552.481 N:111834.569	2.040						
			{a} 14.006	Pipe	13.310	Diam/Width:225	Not Applicable

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		Designed by: SV	Checked by: SP	
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Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy		Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+45%CC		

Name	Cover Level (m) Invert Level (m)		Connection Details				Type
Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW48	14.950 14.200	Diameter / Length: 0.600					Manhole
E:517551.624 N:111736.591	0.750		{a} 21.000	Pipe	14.200	Diam/Width:150	Not Applicable
SW26	16.450 15.430	Diameter / Length: 0.600	{1} Pipe	Pipe	15.510	Diam/Width:150	Manhole
E:517557.422 N:111961.337	1.020		{a} Pipe (1)	Pipe	15.430	Diam/Width:225	Not Applicable
SW25	16.450 15.700	Diameter / Length: 0.600					Manhole
E:517539.130 N:111955.420	0.750		{a} Pipe	Pipe	15.700	Diam/Width:150	Not Applicable

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



Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	AWP		Time of Concentration	0.639	100	0	100	0.639
Catchment Area (1)	SW77		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (2)	SW75		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (3)	SW78		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (4)	SW66		Time of Concentration	0.019	100	10	110	0.021
Catchment Area (5)	Blocks Middle		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (6)	SW64		Time of Concentration	0.027	100	10	110	0.030
Catchment Area (7)	SW66		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (8)	SW72		Time of Concentration	0.025	100	10	110	0.028
Catchment Area (9)	SW79		Time of Concentration	0.025	100	10	110	0.027
Catchment Area (10)	SW71		Time of Concentration	0.030	100	10	110	0.033
Catchment Area (11)	SW48		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (12)	SW67		Time of Concentration	0.027	100	10	110	0.029
Catchment Area (13)	SW67		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (14)	SW70		Time of Concentration	0.036	100	10	110	0.039
Catchment Area (15)	SW68		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (16)	SW38		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (17)	SW37		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (18)	SW37		Time of Concentration	0.035	100	10	110	0.038
Catchment Area (19)	SW36		Time of Concentration	0.031	100	10	110	0.034
Catchment Area (20)	SW35		Time of Concentration	0.087	100	10	110	0.095
Catchment Area (21)	SW35		Time of Concentration	0.011	100	10	110	0.013
Catchment Area (22)	SW55		Time of Concentration	0.019	100	10	110	0.020
Catchment Area (23)	SW56		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (24)	SW54		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (25)	SW54		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (26)	SW45		Time of Concentration	0.015	100	10	110	0.016
Catchment Area (27)	SW39		Time of Concentration	0.020	100	10	110	0.022
Catchment Area (28)	SW49		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (29)	SW47		Time of Concentration	0.017	100	10	110	0.019
Catchment Area (30)	SW53		Time of Concentration	0.015	100	10	110	0.017
Catchment Area (31)	SW43		Time of Concentration	0.025	100	10	110	0.028

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

Catchment Area (32)	SW40		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (32) (1)	Car Park 2		Time of Concentration	0.004	100	10	110	0.005
Catchment Area (32) (1) (1)	Car Park 2		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (32) (2)	Car Park 3		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (33)	SW54		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (34)	Car Park 6		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (34) (1)	Car Park 5		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (35)	Car Park 11		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (35) (1)	Car Park 12		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (36)	Car Park 10		Time of Concentration	0.027	100	10	110	0.030
Catchment Area (37)	SW25		Time of Concentration	0.007	100	0	100	0.007
Catchment Area (38)	SW74		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (39)	Blocks North		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (40)	SW25		Time of Concentration	0.018	100	0	100	0.018
Catchment Area (41)	MUGA 2		Time of Concentration	0.234	100	0	100	0.234
Catchment Area (42)	SW74		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (43)	Rainwater Harvester		Time of Concentration	0.016	100	10	110	0.018
Catchment Area (44)	Rainwater Harvester		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (45)	SW26		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (46)	SW26		Time of Concentration	0.007	100	10	110	0.007
Catchment Area (47)	SW25		Time of Concentration	0.020	100	0	100	0.020
Catchment Area (48)	SW67		Green Roof	0.013		10		0.014
Catchment Area (49)	SW67		Green Roof	0.016		10		0.018
Catchment Area (50)	SW67		Green Roof	0.016		10		0.018
Catchment Area (51)	SW67		Green Roof	0.012		10		0.013
Catchment Area (52)	SW68		Green Roof	0.007		10		0.008
Catchment Area (53)	SW68		Green Roof	0.011		10		0.012
Catchment Area (54)	SW72		Green Roof	0.004		10		0.004
Catchment Area (55)	SW72		Green Roof	0.012		10		0.013
Catchment Area (56)	SW72		Green Roof	0.016		10		0.017
Catchment Area (57)	SW72		Green Roof	0.012		10		0.013
Catchment Area (58)	SW72		Green Roof	0.012		10		0.013
Catchment Area (59)	SW72		Green Roof	0.022		10		0.024
Catchment Area (60)	Car Park 8		Time of Concentration	0.026	100	10	110	0.029

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN			Date: 30/04/2026					
Report Details: Type: Inflow 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					

Catchment Area (61)	Car Park 1		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (62)	SW39		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (63)	SW57		Time of Concentration	0.015	100	10	110	0.017
Catchment Area (64)	SW59		Time of Concentration	0.017	100	10	110	0.018
Catchment Area (65)	SW65		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (66)	SW72		Time of Concentration	0.017	100	10	110	0.018
Catchment Area (67)	SW76		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (68)	SW76		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (69)	Car Park 2		Time of Concentration	0.008	100	10	110	0.008
Catchment Area (71)	Car Park 4		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (72)	Car Park 5		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (73)	Car Park 6		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (74)	Car Park 7		Time of Concentration	0.018	100	10	110	0.020
Catchment Area (75)	Car Park 8		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (76)	Car Park 9		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (77)	Car Park 10		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (78)	Car Park 11		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (79)	Car Park 12		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (80)	SW76		Time of Concentration	0.007	100	10	110	0.008
TOTAL		0.0		2.195				2.323

Company: Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN		Date: 30/04/2026			
Report Details: Type: Network Design Criteria 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			

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Soffits
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☐

Manhole Options

Apply Offset	☐
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