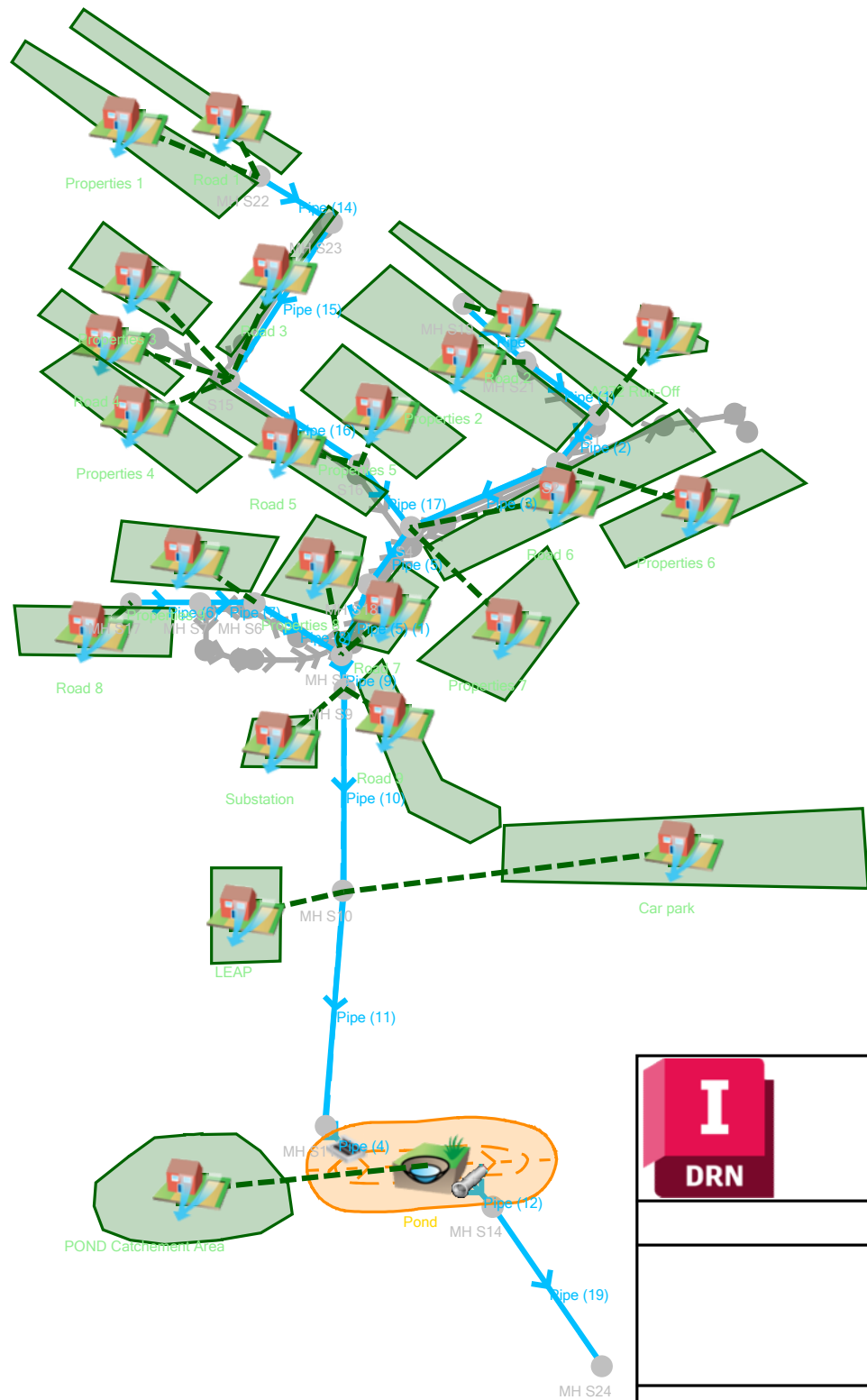




I DRN
Date: 23/07/2026 00:00:00
Designed by: IU
Checked by: PAJT
File: 15478_SW Attenuation REV D.idd
Plot Scale: 1:1689
Land south of Station Road, Cowfold, RH13 8QZ
InfoDrainage 2025.4
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Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		



Road 1

Type : Catchment Area

Area (ha)	0.038
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Properties 1

Type : Catchment Area

Area (ha)	0.061
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Road 2

Type : Catchment Area

Area (ha)	0.05
-----------	------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		



Properties 2

Type : Catchment Area

Area (ha)	0.09
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Road 3

Type : Catchment Area

Area (ha)	0.015
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Road 4

Type : Catchment Area

Area (ha)	0.027
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026			
	Designed by: IU	Checked by: PAJT	Approved By: PAJT	
Report Details: Type: Inflows Storm Phase: Phase	Company Address:			



Properties 3

Type : Catchment Area

Area (ha)	0.04
-----------	------

Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Properties 4

Type : Catchment Area

Area (ha)	0.06
-----------	------

Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Road 5

Type : Catchment Area

Area (ha)	0.039
-----------	-------

Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		





Properties 5

Type : Catchment Area

Area (ha)	0.056
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Road 6

Type : Catchment Area

Area (ha)	0.082
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Properties 6

Type : Catchment Area

Area (ha)	0.056
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		





Road 7

Type : Catchment Area

Area (ha)	0.024
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Properties 7

Type : Catchment Area

Area (ha)	0.068
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Properties 8

Type : Catchment Area

Area (ha)	0.037
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		





Properties 9

Type : Catchment Area

Area (ha)	0.053
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	6



Road 8

Type : Catchment Area

Area (ha)	0.046
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Road 9

Type : Catchment Area

Area (ha)	0.051
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Inflows Storm Phase: Phase	Company Address:		





Substation

Type : Catchment Area

Area (ha)	0.021
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



Car park

Type : Catchment Area

Area (ha)	0.151
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



LEAP

Type : Catchment Area

Area (ha)	0.04
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026			
	Designed by: IU	Checked by: PAJT	Approved By: PAJT	
Report Details: Type: Inflows Storm Phase: Phase	Company Address:			



POND Catchment Area

Type : Catchment Area

Area (ha)	0.105
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0



A272 Run-Off

Type : Catchment Area

Area (ha)	0.013
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100
Urban Creep (%)	0

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
Report Details: Type: Junctions Storm Phase: Phase		Designed by: IU	Checked by: PAJT		Approved By: PAJT
		Company Address:			

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
MH S22	Manhole	520953.886	122755.100	32.597	1.785	30.812	Circular	1.200
MH S23	Manhole	520971.835	122743.523	32.049	1.500	30.549	Circular	1.200
S15	Manhole	520946.403	122704.657	31.048	1.658	29.390	Circular	1.200
MH S19	Manhole	521004.456	122723.448	31.436	1.500	29.936	Circular	1.200
S1	Manhole	521037.842	122695.958	31.321	1.888	29.433	Circular	1.200
S2	Manhole	521027.596	122684.034	30.924	1.560	29.364	Circular	1.200
S4	Manhole	520991.408	122668.169	30.039	1.639	28.400	Circular	1.500
S16	Manhole	520978.570	122683.583	30.407	1.607	28.800	Circular	1.200
MH S5	Manhole	520974.192	122636.464	29.971	2.646	27.325	Circular	1.800
MH S6	Manhole	520952.639	122649.276	29.715	2.335	27.380	Circular	1.500
MH S7	Manhole	520939.122	122649.304	29.516	1.653	27.863	Circular	1.200
MH S17	Manhole	520922.003	122649.233	29.296	1.296	28.000	Circular	1.200
MH S9	Manhole	520974.965	122628.053	29.973	2.691	27.282	Circular	1.500
MH S10	Manhole	520974.519	122578.059	30.373	3.200	27.173	Circular	1.500
MH S11	Manhole	520970.286	122519.764	29.396	2.337	27.059	Circular	1.500
MH S21	Manhole	521019.822	122709.013	31.156	1.500	29.656	Circular	1.200
MH S14	Manhole	521011.623	122499.756	29.130	2.440	26.690	Circular	1.800
MH S24	Manhole	521038.684	122460.276	27.000	0.700	26.300	Circular	1.500
MH S18	Manhole	520980.756	122653.928	29.994	1.951	28.043	Circular	1.500

Name	Lock
MH S22	None
MH S23	None
S15	None
MH S19	None
S1	None
S2	None
S4	None
S16	None
MH S5	None
MH S6	None
MH S7	None
MH S17	None
MH S9	None
MH S10	None
MH S11	None
MH S21	None
MH S14	None
MH S24	None
MH S18	None

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Storm Phase: Phase	Company Address:		



Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH S22	Inlet	Road 1 Properties 1	(None)	No Restriction
MH S23	Inlet	Pipe (14)	(None)	No Restriction
S15	Inlet	Pipe (15)	(None)	No Restriction
	Inlet (1)	Road 4 Properties 3 Properties 4 Road 3	(None)	No Restriction
MH S19	Inlet	Road 2	(None)	No Restriction
S1	Inlet	Pipe (1)	(None)	No Restriction
	Inlet (1)	A272 Run-Off	(None)	No Restriction
S2	Inlet	Pipe (2) Properties 6	(None)	No Restriction
S4	Inlet	Pipe (3)	(None)	No Restriction
	Inlet (1)	Pipe (17)	(None)	No Restriction
	Inlet (2)	Properties 7 Road 6	(None)	No Restriction
S16	Inlet	Pipe (16) Properties 5 Road 5	(None)	No Restriction
MH S5	Inlet	Pipe (5) (1)	(None)	No Restriction
	Inlet (1)	Road 7 Properties 8	(None)	No Restriction
	Inlet (2)	Pipe (8)	(None)	No Restriction
MH S6	Inlet	Properties 9	(None)	No Restriction
	Inlet (1)	Pipe (7)	(None)	No Restriction
MH S7	Inlet (2)	Pipe (6)	(None)	No Restriction
MH S17	Inlet (1)	Road 8	(None)	No Restriction
MH S9	Inlet	Substation Road 9	(None)	No Restriction
	Inlet (1)	Pipe (9)	(None)	No Restriction
MH S10	Inlet	Pipe (10)	(None)	No Restriction
	Inlet (1)	Car park	(None)	No Restriction
	Inlet (2)	LEAP	(None)	No Restriction
MH S11	Inlet	Pipe (11)	(None)	No Restriction
MH S21	Inlet	Pipe	(None)	No Restriction
	Inlet (1)	Properties 2	(None)	No Restriction
MH S14	Inlet	Pipe (12)	(None)	No Restriction
MH S24	Inlet	Pipe (19)	(None)	No Restriction
MH S18	Inlet	Pipe (5)	(None)	No Restriction

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Storm Phase: Phase	Company Address:		



Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
MH S22	Outlet	Pipe (14)	Free Discharge
MH S23	Outlet	Pipe (15)	Free Discharge
S15	Outlet	Pipe (16)	Free Discharge
MH S19	Outlet	Pipe	Free Discharge
S1	Outlet	Pipe (2)	Free Discharge
S2	Outlet	Pipe (3)	Free Discharge
S4	Outlet	Pipe (5)	Free Discharge
S16	Outlet	Pipe (17)	Free Discharge
MH S5	Outlet	Pipe (9)	Free Discharge
MH S6	Outlet	Pipe (8)	Free Discharge
MH S7	Outlet	Pipe (7)	Free Discharge
MH S17	Outlet	Pipe (6)	Free Discharge
MH S9	Outlet	Pipe (10)	Free Discharge
MH S10	Outlet	Pipe (11)	Free Discharge
MH S11	Outlet	Pipe (4)	Free Discharge
MH S21	Outlet	Pipe (1)	Free Discharge
MH S14	Outlet	Pipe (19)	Hydro-Brake®
	Invert Level (m)	26.690	
	Design Depth (m)	2.440	
	Design Flow (L/s)	4.6	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0084-4600-2440-4600	
MH S18	Outlet	Pipe (5) (1)	Free Discharge

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Stormwater Controls Storm Phase: Phase	Company Address:		





Pond

Type : Pond

Dimensions

Exceedance Level (m)	29.130
Depth (m)	2.400
Base Level (m)	26.730
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	3.881
Total Volume (m³)	1379.327

Depth (m)	Area (m²)	Volume (m³)
0.000	333.00	0.000
2.100	1047.00	1379.327
2.400	1208.00	1717.289

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (4)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	POND Catchement Area
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	Pipe (12)
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	58.424
Friction Scheme	Manning's n
n	0.1

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
Report Details: Type: Inflow Summary Storm Phase: Phase		Designed by: IU	Checked by: PAJT		Approved By: PAJT
		Company Address:			

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
A272 Run-Off	S1		Time of Concentration	0.013	100	0	100	0.013
Car park	MH S10		Time of Concentration	0.151	100	0	100	0.151
LEAP	MH S10		Time of Concentration	0.040	100	0	100	0.040
POND Catchment Area	Pond		Time of Concentration	0.105	100	0	100	0.105
Properties 1	MH S22		Time of Concentration	0.061	100	6	106	0.065
Properties 2	MH S21		Time of Concentration	0.090	100	6	106	0.095
Properties 3	S15		Time of Concentration	0.040	100	6	106	0.042
Properties 4	S15		Time of Concentration	0.060	100	6	106	0.064
Properties 5	S16		Time of Concentration	0.056	100	6	106	0.059
Properties 6	S2		Time of Concentration	0.056	100	6	106	0.059
Properties 7	S4		Time of Concentration	0.068	100	6	106	0.072
Properties 8	MH S5		Time of Concentration	0.037	100	6	106	0.039
Properties 9	MH S6		Time of Concentration	0.053	100	6	106	0.056
Road 1	MH S22		Time of Concentration	0.038	100	0	100	0.038
Road 2	MH S19		Time of Concentration	0.050	100	0	100	0.050
Road 3	S15		Time of Concentration	0.015	100	0	100	0.015
Road 4	S15		Time of Concentration	0.027	100	0	100	0.027
Road 5	S16		Time of Concentration	0.039	100	0	100	0.039
Road 6	S4		Time of Concentration	0.082	100	0	100	0.082
Road 7	MH S5		Time of Concentration	0.024	100	0	100	0.024
Road 8	MH S17		Time of Concentration	0.046	100	0	100	0.046
Road 9	MH S9		Time of Concentration	0.051	100	0	100	0.051
Substation	MH S9		Time of Concentration	0.021	100	0	100	0.021
TOTAL		0.0		1.223				1.254

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026			
	Designed by: IU	Checked by: PAJT	Approved By: PAJT	
Report Details: Type: Outfall Details Storm Phase: Phase	Company Address:			

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
MH S24	Free Discharge			

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address:		





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
MH S22	FEH: 2 years: +0 %: 15 mins: Summer	32.59 7	30.81 2	30.957	0.145	21.4	0.164	0.000	19.9	9.277	OK
MH S23	FEH: 2 years: +0 %: 15 mins: Summer	32.04 9	30.54 9	30.623	0.074	19.9	0.084	0.000	19.3	9.259	OK
S15	FEH: 2 years: +0 %: 15 mins: Summer	31.04 8	29.39 0	29.516	0.126	50.1	0.142	0.000	47.8	22.615	OK
MH S19	FEH: 2 years: +0 %: 15 mins: Summer	31.43 6	29.93 6	30.010	0.074	10.4	0.084	0.000	10.1	4.516	OK
S1	FEH: 2 years: +0 %: 15 mins: Summer	31.32 1	29.43 3	29.570	0.137	31.5	0.155	0.000	30.2	14.278	OK
S2	FEH: 2 years: +0 %: 15 mins: Summer	30.92 4	29.36 4	29.463	0.099	42.6	0.112	0.000	41.2	19.623	OK
S4	FEH: 2 years: +0 %: 15 mins: Summer	30.03 9	28.40 0	28.587	0.187	138.8	0.331	0.000	134.1	64.976	OK
S16	FEH: 2 years: +0 %: 15 mins: Summer	30.40 7	28.80 0	28.947	0.147	68.3	0.166	0.000	65.6	31.481	OK
MH S5	FEH: 2 years: +0 %: 15 mins: Summer	29.97 1	27.32 5	27.632	0.307	158.4	0.782	0.000	146.4	79.723	OK
MH S6	FEH: 2 years: +0 %: 15 mins: Summer	29.71 5	27.38 0	27.635	0.255	20.6	0.450	0.000	13.9	9.204	OK
MH S7	FEH: 2 years: +0 %: 15 mins: Summer	29.51 6	27.86 3	27.915	0.052	9.2	0.059	0.000	8.9	4.145	OK
MH S17	FEH: 2 years: +0 %: 15 mins: Summer	29.29 6	28.00 0	28.088	0.088	9.6	0.099	0.000	9.2	4.154	OK
MH S9	FEH: 2 years: +0 %: 15 mins: Summer	29.97 3	27.28 2	27.594	0.312	161.4	0.551	0.000	147.6	86.105	OK
MH S10	FEH: 2 years: +0 %: 720 mins: Winter	30.37 3	27.17 3	27.484	0.311	24.3	0.549	0.000	24.7	415.504	OK
MH S11	FEH: 2 years: +0 %: 720 mins: Winter	29.39 6	27.05 9	27.484	0.425	24.7	0.750	0.000	23.8	413.547	OK
MH S21	FEH: 2 years: +0 %: 15 mins: Summer	31.15 6	29.65 6	29.785	0.129	29.9	0.146	0.000	28.8	13.127	OK
MH S14	FEH: 2 years: +0 %: 720 mins: Winter	29.13 0	26.69 0	27.481	0.791	3.5	2.013	0.000	3.3	235.017	Surcharged
MH S24	FEH: 2 years: +0 %: 30 mins: Summer	27.00 0	26.30 0	26.346	0.046	3.3	0.000	0.000	3.3	8.125	OK
MH S18	FEH: 2 years: +0 %: 15 mins: Summer	29.99 4	28.04 3	28.189	0.146	134.1	0.259	0.000	131.3	64.941	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address:		





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
MH S22	FEH: 30 years: +0 %: 15 mins: Summer	32.59 7	30.81 2	31.913	1.101	46.9	1.246	0.000	39.8	20.344	Surcharged
MH S23	FEH: 30 years: +0 %: 15 mins: Summer	32.04 9	30.54 9	30.658	0.109	39.8	0.123	0.000	38.6	20.323	OK
S15	FEH: 30 years: +0 %: 15 mins: Summer	31.04 8	29.39 0	29.598	0.208	106.1	0.235	0.000	101.1	49.594	OK
MH S19	FEH: 30 years: +0 %: 15 mins: Summer	31.43 6	29.93 6	30.249	0.313	22.8	0.354	0.000	18.4	9.911	Surcharged
S1	FEH: 30 years: +0 %: 15 mins: Summer	31.32 1	29.43 3	29.645	0.212	65.2	0.240	0.000	63.3	31.350	OK
S2	FEH: 30 years: +0 %: 15 mins: Summer	30.92 4	29.36 4	29.515	0.151	90.4	0.171	0.000	87.7	43.091	OK
S4	FEH: 30 years: +0 %: 15 mins: Summer	30.03 9	28.40 0	28.708	0.308	296.6	0.544	0.000	291.6	142.649	OK
S16	FEH: 30 years: +0 %: 15 mins: Summer	30.40 7	28.80 0	29.078	0.278	146.0	0.314	0.000	138.6	69.084	OK
MH S5	FEH: 30 years: +0 %: 960 mins: Winter	29.97 1	27.32 5	27.971	0.646	25.8	1.645	0.000	25.2	589.432	Surcharged
MH S6	FEH: 30 years: +0 %: 960 mins: Winter	29.71 5	27.38 0	27.972	0.592	3.0	1.045	0.000	2.8	66.491	OK
MH S7	FEH: 30 years: +0 %: 15 mins: Summer	29.51 6	27.86 3	27.982	0.119	18.3	0.135	0.000	13.9	9.104	OK
MH S17	FEH: 30 years: +0 %: 15 mins: Summer	29.29 6	28.00 0	28.200	0.200	21.0	0.226	0.000	18.3	9.092	Surcharged
MH S9	FEH: 30 years: +0 %: 960 mins: Winter	29.97 3	27.28 2	27.972	0.690	27.3	1.218	0.000	26.4	630.971	Surcharged
MH S10	FEH: 30 years: +0 %: 960 mins: Winter	30.37 3	27.17 3	27.971	0.798	32.1	1.410	0.000	30.3	744.735	Surcharged
MH S11	FEH: 30 years: +0 %: 960 mins: Winter	29.39 6	27.05 9	27.974	0.915	30.3	1.617	0.000	29.2	733.482	Surcharged
MH S21	FEH: 30 years: +0 %: 15 mins: Summer	31.15 6	29.65 6	29.991	0.335	62.0	0.379	0.000	59.3	28.809	Surcharged
MH S14	FEH: 30 years: +0 %: 960 mins: Winter	29.13 0	26.69 0	27.968	1.278	3.5	3.251	0.000	3.3	342.913	Surcharged
MH S24	FEH: 30 years: +0 %: 960 mins: Winter	27.00 0	26.30 0	26.346	0.046	3.3	0.000	0.000	3.3	342.805	OK
MH S18	FEH: 30 years: +0 %: 15 mins: Summer	29.99 4	28.04 3	28.278	0.235	291.6	0.416	0.000	292.0	142.523	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address:		





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
MH S22	FEH: 100 years: +0 %: 15 mins: Summer	32.597	30.812	32.454	1.642	59.0	1.857	0.000	49.3	25.623	Flood Risk
MH S23	FEH: 100 years: +0 %: 15 mins: Summer	32.049	30.549	30.673	0.124	49.3	0.141	0.000	47.8	25.600	OK
S15	FEH: 100 years: +0 %: 15 mins: Summer	31.048	29.390	29.778	0.388	132.8	0.439	0.000	112.9	62.455	Surcharged
MH S19	FEH: 100 years: +0 %: 15 mins: Summer	31.436	29.936	30.579	0.643	28.7	0.727	0.000	22.8	12.474	Surcharged
S1	FEH: 100 years: +0 %: 15 mins: Summer	31.321	29.433	29.680	0.247	80.9	0.279	0.000	79.2	39.450	OK
S2	FEH: 100 years: +0 %: 15 mins: Summer	30.924	29.364	29.539	0.175	113.3	0.198	0.000	111.0	54.188	OK
S4	FEH: 100 years: +0 %: 15 mins: Summer	30.039	28.400	28.760	0.360	362.5	0.635	0.000	353.3	179.539	OK
S16	FEH: 100 years: +0 %: 15 mins: Summer	30.407	28.800	29.307	0.507	169.4	0.573	0.000	163.0	87.004	Surcharged
MH S5	FEH: 100 years: +0 %: 1440 mins: Summer	29.971	27.325	28.318	0.993	36.7	2.527	0.000	35.6	879.431	Surcharged
MH S6	FEH: 100 years: +0 %: 1440 mins: Summer	29.715	27.380	28.306	0.926	18.2	1.636	0.000	13.9	128.684	Surcharged
MH S7	FEH: 100 years: +0 %: 960 mins: Winter	29.516	27.863	28.295	0.432	3.4	0.488	0.000	4.9	48.107	Surcharged
MH S17	FEH: 100 years: +0 %: 15 mins: Summer	29.296	28.000	28.495	0.495	26.4	0.560	0.000	19.3	11.434	Surcharged
MH S9	FEH: 100 years: +0 %: 960 mins: Winter	29.973	27.282	28.276	0.994	102.0	1.756	0.000	33.0	825.454	Surcharged
MH S10	FEH: 100 years: +0 %: 2160 mins: Winter	30.373	27.173	28.363	1.190	68.7	2.103	0.000	23.6	1184.873	Surcharged
MH S11	FEH: 100 years: +0 %: 960 mins: Summer	29.396	27.059	28.283	1.224	59.6	2.163	0.000	70.3	1001.258	Surcharged
MH S21	FEH: 100 years: +0 %: 15 mins: Summer	31.156	29.656	30.211	0.555	77.6	0.627	0.000	73.4	36.248	Surcharged
MH S14	FEH: 100 years: +0 %: 1440 mins: Winter	29.130	26.690	28.250	1.560	4.0	3.970	0.000	3.7	557.483	Surcharged
MH S24	FEH: 100 years: +0 %: 1440 mins: Winter	27.000	26.300	26.349	0.049	3.7	0.000	0.000	3.7	557.370	OK
MH S18	FEH: 100 years: +0 %: 15 mins: Summer	29.994	28.043	28.335	0.292	353.3	0.515	0.000	316.5	179.462	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address:		





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
MH S22	FEH: 100 years: +45 %: 15 mins: Summer	32.597	30.812	32.601	1.789	85.5	6.289	4.270	53.8	37.080	Flood
MH S23	FEH: 100 years: +45 %: 15 mins: Summer	32.049	30.549	31.326	0.777	53.8	0.879	0.000	70.1	37.160	Surcharged
S15	FEH: 100 years: +45 %: 15 mins: Summer	31.048	29.390	31.048	1.658	159.4	2.053	0.178	139.4	90.640	Flood
MH S19	FEH: 100 years: +45 %: 15 mins: Summer	31.436	29.936	31.436	1.500	41.7	1.767	0.070	36.1	18.083	Flood
S1	FEH: 100 years: +45 %: 15 mins: Summer	31.321	29.433	30.404	0.971	98.6	1.098	0.000	82.9	57.243	Surcharged
S2	FEH: 100 years: +45 %: 15 mins: Summer	30.924	29.364	30.279	0.915	132.3	1.035	0.000	117.3	78.710	Surcharged
S4	FEH: 100 years: +45 %: 15 mins: Summer	30.039	28.400	29.769	1.369	431.6	2.419	0.000	418.4	260.539	Flood Risk
S16	FEH: 100 years: +45 %: 15 mins: Summer	30.407	28.800	30.407	1.607	221.4	2.150	0.332	185.9	126.192	Flood
MH S5	FEH: 100 years: +45 %: 4320 mins: Winter	29.971	27.325	29.177	1.852	154.5	4.713	0.000	128.2	1653.337	Surcharged
MH S6	FEH: 100 years: +45 %: 15 mins: Summer	29.715	27.380	28.878	1.498	62.9	2.647	0.000	54.5	36.084	Surcharged
MH S7	FEH: 100 years: +45 %: 15 mins: Summer	29.516	27.863	28.994	1.131	31.0	1.279	0.000	33.8	16.580	Surcharged
MH S17	FEH: 100 years: +45 %: 15 mins: Summer	29.296	28.000	29.296	1.296	38.3	1.634	0.168	31.0	16.555	Flood
MH S9	FEH: 100 years: +45 %: 4320 mins: Summer	29.973	27.282	28.862	1.580	40.5	2.793	0.000	24.7	1717.038	Surcharged
MH S10	FEH: 100 years: +45 %: 4320 mins: Winter	30.373	27.173	29.050	1.877	50.1	3.317	0.000	31.8	2045.060	Surcharged
MH S11	FEH: 100 years: +45 %: 2160 mins: Winter	29.396	27.059	28.788	1.729	32.5	3.056	0.000	40.8	1633.285	Surcharged
MH S21	FEH: 100 years: +45 %: 15 mins: Summer	31.156	29.656	31.089	1.433	104.6	1.621	0.000	87.8	52.571	Flood Risk
MH S14	FEH: 100 years: +45 %: 2160 mins: Winter	29.130	26.690	28.783	2.093	4.2	5.327	0.000	4.2	948.940	Surcharged
MH S24	FEH: 100 years: +45 %: 2160 mins: Winter	27.000	26.300	26.352	0.052	4.2	0.000	0.000	4.2	948.816	OK
MH S18	FEH: 100 years: +45 %: 15 mins: Summer	29.994	28.043	29.316	1.273	418.4	2.249	0.000	405.1	260.486	Surcharged

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
		Designed by: IU	Checked by: PAJT		Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase		Company Address:			



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. Resident 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 (%)
Pond	FEH: 2 years: +0 %: 720 mins: Winter	27.484	27.484	0.754	0.754	26.0	326.982	0.000	0.000	3.5	237.748	815	76.294

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address:		



Status

OK

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
		Designed by: IU	Checked by: PAJT		Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase		Company Address:			



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. Residant 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 (%)
Pond	FEH: 30 years: +0 %: 960 mins: Winter	27.971	27.971	1.241	1.241	32.3	630.929	0.000	0.000	3.5	346.489	1662	54.258

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026			
	Designed by: IU	Checked by: PAJT	Approved By: PAJT	
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address:			

Status
OK

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
		Designed by: IU	Checked by: PAJT		Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase		Company Address:			



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 (%)
Pond	FEH: 100 years: +0 %: 1440 mins: Winter	28.254	28.254	1.524	1.524	43.3	845.610	0.000	0.000	4.0	599.551	2033	38.694

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026			
	Designed by: IU	Checked by: PAJT	Approved By: PAJT	
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address:			

Status
OK

Project: Land south of Station Road, Cowfold, RH13 8QZ		Date: 23/07/2026			
		Designed by: IU	Checked by: PAJT		Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase		Company Address:			



**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 (%)
Pond	FEH: 100 years: +45 %: 2160 mins: Winter	28.788	28.788	2.058	2.058	42.0	1335.927	0.000	0.000	4.2	956.562	2891	3.146

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address:		



Status

OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address:		





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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S19	MH S21	31.436	30.010	0.102	4.516	0.8	0.49	10.1	OK
Pipe (1)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S21	S1	31.156	29.785	0.133	13.127	1.2	0.55	28.8	OK
Pipe (2)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S1	S2	31.321	29.570	0.118	14.278	1.2	0.41	30.2	OK
Pipe (10)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S9	MH S10	29.973	27.594	0.307	86.105	1.0	0.46	147.6	OK
Pipe (11)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S10	MH S11	30.373	27.474	0.231	102.963	1.6	0.55	165.5	OK
Pipe (14)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S22	MH S23	32.597	30.957	0.110	9.277	1.4	1.01	19.9	OK
Pipe (15)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S23	S15	32.049	30.623	0.100	9.259	1.1	0.23	19.3	OK
Pipe (16)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S15	S16	31.048	29.516	0.136	22.615	1.5	0.35	47.8	OK
Pipe (17)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S16	S4	30.407	28.947	0.167	31.481	1.6	0.42	65.6	OK
Pipe (19)	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	MH S14	MH S24	29.130	27.096	0.047	8.125	0.7	0.21	3.3	Surcharged
Pipe (3)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S2	S4	30.924	29.463	0.143	19.623	1.2	0.24	41.2	OK
Pipe (5)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S4	MH S18	30.039	28.587	0.167	64.976	2.5	0.29	134.1	OK
Pipe (5) (1)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S18	MH S5	29.994	28.189	0.227	64.941	1.6	0.21	131.3	OK
Pipe (4)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S11	Pond	29.396	27.221	0.196	102.841	2.4	0.11	156.5	OK
Pipe (12)	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	Pond	MH S14	29.130	27.100	0.150	9.343	0.3	0.42	5.1	Surcharged
Pipe (6)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S17	MH S7	29.296	28.088	0.070	4.154	1.1	0.58	9.2	OK
Pipe (7)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S7	MH S6	29.516	27.915	0.150	4.145	0.6	0.26	8.9	OK
Pipe (8)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S6	MH S5	29.715	27.635	0.281	9.204	0.2	0.04	13.9	OK
Pipe (9)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	MH S5	MH S9	29.971	27.632	0.310	79.723	1.0	0.3	146.4	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address:		





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S19	MH S21	31.436	30.249	0.150	9.911	1.0	0.9	18.4	Surcharged
Pipe (1)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S21	S1	31.156	29.991	0.225	28.809	1.5	1.14	59.3	Surcharged
Pipe (2)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	S1	S2	31.321	29.645	0.182	31.350	1.4	0.86	63.3	OK
Pipe (10)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S9	MH S10	29.973	27.842	0.532	189.359	1.3	1.06	340.2	OK
Pipe (11)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S10	MH S11	30.373	27.676	0.393	224.526	2.0	1.29	390.4	OK
Pipe (14)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S22	MH S23	32.597	31.913	0.150	20.344	2.3	2.02	39.8	Surcharged
Pipe (15)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S23	S15	32.049	30.658	0.158	20.323	1.3	0.47	38.6	OK
Pipe (16)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	S15	S16	31.048	29.598	0.243	49.594	1.6	0.73	101.1	OK
Pipe (17)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	S16	S4	30.407	29.078	0.293	69.084	2.0	0.88	138.6	OK
Pipe (19)	FEH: 30 years: +0 %: 960 mins: Winter	Pipe	MH S14	MH S24	29.130	27.968	0.047	342.805	0.7	0.21	3.3	Surcharged
Pipe (3)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	S2	S4	30.924	29.515	0.230	43.091	1.5	0.5	87.7	OK
Pipe (5)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	S4	MH S18	30.039	28.708	0.272	142.649	2.9	0.64	291.6	OK
Pipe (5) (1)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S18	MH S5	29.994	28.278	0.403	142.523	1.9	0.46	292.0	OK
Pipe (4)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S11	Pond	29.396	27.342	0.413	220.315	2.8	0.26	373.7	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ				Date: 23/07/2026									
				Designed by: IU		Checked by: PAJT						Approved By: PAJT	
Report Details: Type: Connections Summary Storm Phase: Phase				Company Address:									

Pipe (12)	FEH: 30 years: +0 %: 30 mins: Winter	Pipe	Pond	MH S14	29.130	27.445	0.150	10.052	0.6	0.85	10.3	Surcharged
Pipe (6)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S17	MH S7	29.296	28.200	0.150	9.092	1.0	1.16	18.3	Surcharged
Pipe (7)	FEH: 30 years: +0 %: 15 mins: Winter	Pipe	MH S7	MH S6	29.516	27.957	0.150	9.098	0.8	0.43	14.6	OK
Pipe (8)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	MH S6	MH S5	29.715	27.819	0.466	26.631	0.2	0.1	30.9	OK
Pipe (9)	FEH: 30 years: +0 %: 15 mins: Summer	Pipe	MH S5	MH S9	29.971	27.896	0.566	175.196	1.2	0.67	328.3	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ	Date: 23/07/2026		
	Designed by: IU	Checked by: PAJT	Approved By: PAJT
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address:		





FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S19	MH S21	31.436	30.579	0.150	12.474	1.3	1.11	22.8	Surcharged
Pipe (1)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S21	S1	31.156	30.211	0.225	36.248	1.8	1.41	73.4	Surcharged
Pipe (2)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	S1	S2	31.321	29.680	0.211	39.450	1.5	1.08	79.2	OK
Pipe (10)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S9	MH S10	29.973	28.086	0.600	236.224	1.5	1.31	419.9	Surcharged
Pipe (11)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S10	MH S11	30.373	27.856	0.507	277.830	1.9	1.6	484.3	Surcharged
Pipe (14)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S22	MH S23	32.597	32.454	0.150	25.623	2.8	2.5	49.3	Flood Risk
Pipe (15)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S23	S15	32.049	30.673	0.225	25.600	1.3	0.58	47.8	OK
Pipe (16)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	S15	S16	31.048	29.778	0.300	62.455	1.6	0.82	112.9	Surcharged
Pipe (17)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	S16	S4	30.407	29.307	0.300	87.004	2.3	1.04	163.0	Surcharged
Pipe (19)	FEH: 100 years: +0 %: 1440 mins: Winter	Pipe	MH S14	MH S24	29.130	28.250	0.049	557.370	0.7	0.23	3.7	Surcharged
Pipe (3)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	S2	S4	30.924	29.539	0.267	54.188	1.7	0.64	111.0	OK
Pipe (5)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	S4	MH S18	30.039	28.760	0.326	179.539	2.9	0.77	353.3	OK
Pipe (5) (1)	FEH: 100 years: +0 %: 15 mins: Winter	Pipe	MH S18	MH S5	29.994	28.285	0.450	179.390	2.1	0.52	333.2	OK
Pipe (4)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S11	Pond	29.396	27.418	0.523	271.326	2.9	0.32	464.6	OK

Project: Land south of Station Road, Cowfold, RH13 8QZ				Date: 23/07/2026									
				Designed by: IU		Checked by: PAJT						Approved By: PAJT	
Report Details: Type: Connections Summary Storm Phase: Phase				Company Address:									

Pipe (12)	FEH: 100 years: +0 %: 15 mins: Winter	Pipe	Pond	MH S14	29.130	27.418	0.150	5.555	1.1	0.88	10.6	Surcharged
Pipe (6)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S17	MH S7	29.296	28.495	0.150	11.434	1.1	1.22	19.3	Surcharged
Pipe (7)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S7	MH S6	29.516	28.268	0.150	11.455	1.1	0.56	19.0	Surcharged
Pipe (8)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S6	MH S5	29.715	28.153	0.600	25.376	0.2	0.14	45.2	Surcharged
Pipe (9)	FEH: 100 years: +0 %: 15 mins: Summer	Pipe	MH S5	MH S9	29.971	28.155	0.600	219.878	1.4	0.79	388.1	Surcharged

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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S19	MH S21	31.436	31.436	0.150	18.083	2.0	1.76	36.1	Flood
Pipe (1)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S21	S1	31.156	31.089	0.225	52.571	2.2	1.69	87.8	Flood Risk
Pipe (2)	FEH: 100 years: +45 %: 30 mins: Summer	Pipe	S1	S2	31.321	30.071	0.300	76.887	1.5	1.16	85.1	Surcharged
Pipe (10)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S9	MH S10	29.973	28.756	0.600	334.181	1.9	1.67	535.0	Surcharged
Pipe (11)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S10	MH S11	30.373	28.347	0.600	388.916	2.4	2.26	681.8	Surcharged
Pipe (14)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S22	MH S23	32.597	32.601	0.150	37.080	3.0	2.72	53.8	Flood
Pipe (15)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S23	S15	32.049	31.326	0.225	37.160	1.8	0.85	70.1	Surcharged
Pipe (16)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	S15	S16	31.048	31.048	0.300	90.640	2.0	1.01	139.4	Flood
Pipe (17)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	S16	S4	30.407	30.392	0.300	126.272	2.8	1.24	195.2	Flood Risk
Pipe (19)	FEH: 100 years: +45 %: 2160 mins: Winter	Pipe	MH S14	MH S24	29.130	28.783	0.053	948.816	0.8	0.26	4.2	Surcharged
Pipe (3)	FEH: 100 years: +45 %: 30 mins: Summer	Pipe	S2	S4	30.924	29.944	0.300	105.639	1.7	0.67	117.4	Surcharged
Pipe (5)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	S4	MH S18	30.039	29.769	0.450	260.539	2.6	0.91	418.4	Flood Risk
Pipe (5) (1)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S18	MH S5	29.994	29.316	0.450	260.486	2.5	0.64	405.1	Surcharged
Pipe (4)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S11	Pond	29.396	27.635	0.600	379.846	3.1	0.46	668.3	OK

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Pipe (12)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	Pond	MH S14	29.130	27.636	0.150	6.106	0.8	1.16	14.1	Surcharged
Pipe (6)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S17	MH S7	29.296	29.296	0.150	16.555	1.8	1.95	31.0	Flood
Pipe (7)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S7	MH S6	29.516	28.994	0.150	16.580	1.9	1	33.8	Surcharged
Pipe (8)	FEH: 100 years: +45 %: 30 mins: Summer	Pipe	MH S6	MH S5	29.715	28.657	0.600	45.616	0.2	0.17	54.9	Surcharged
Pipe (9)	FEH: 100 years: +45 %: 15 mins: Summer	Pipe	MH S5	MH S9	29.971	28.873	0.600	314.026	1.7	1	488.0	Surcharged