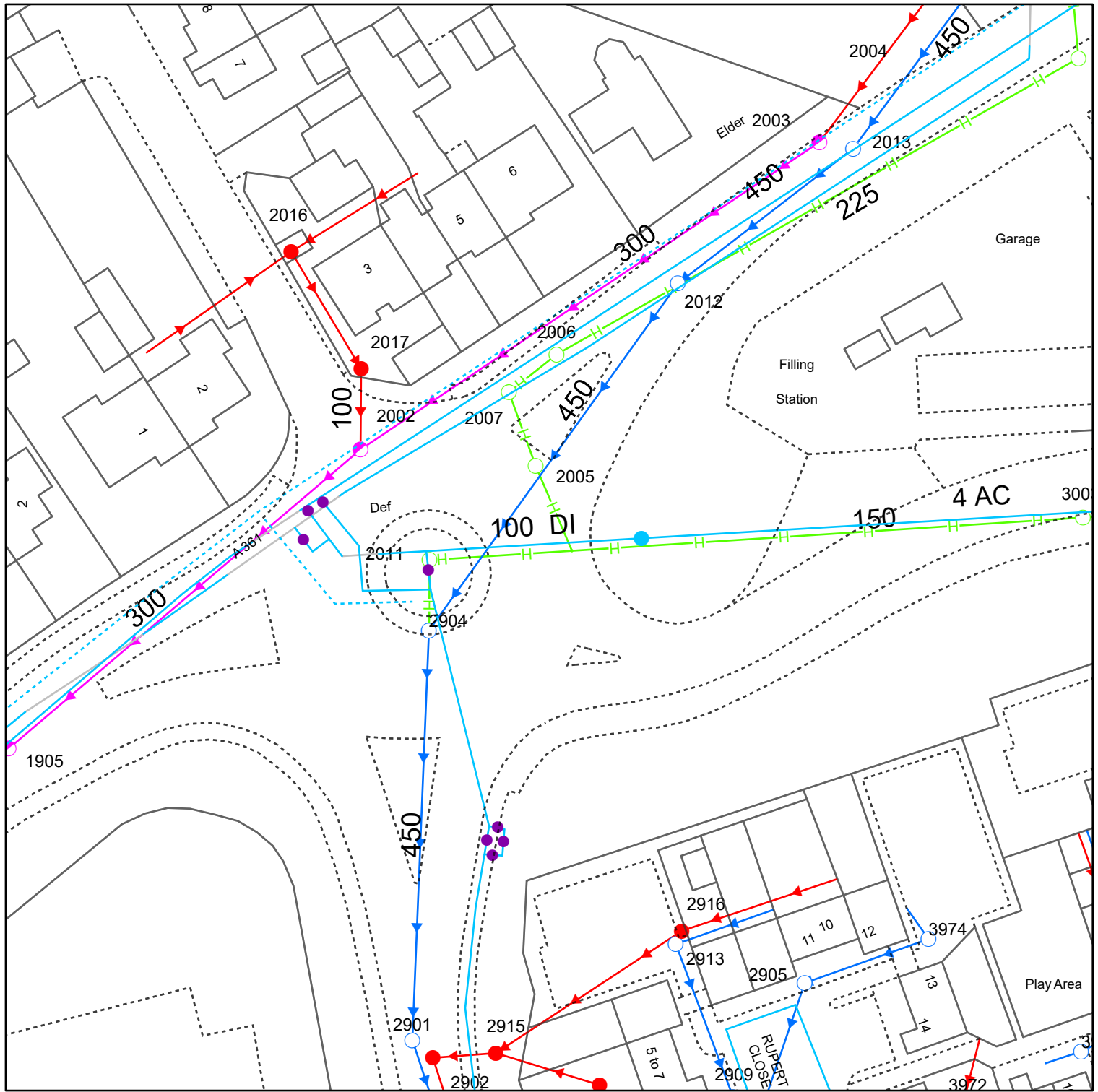


Appendix F

Wessex Water Sewer Maps and Correspondence

Wessex Water Network Map

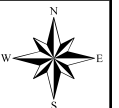


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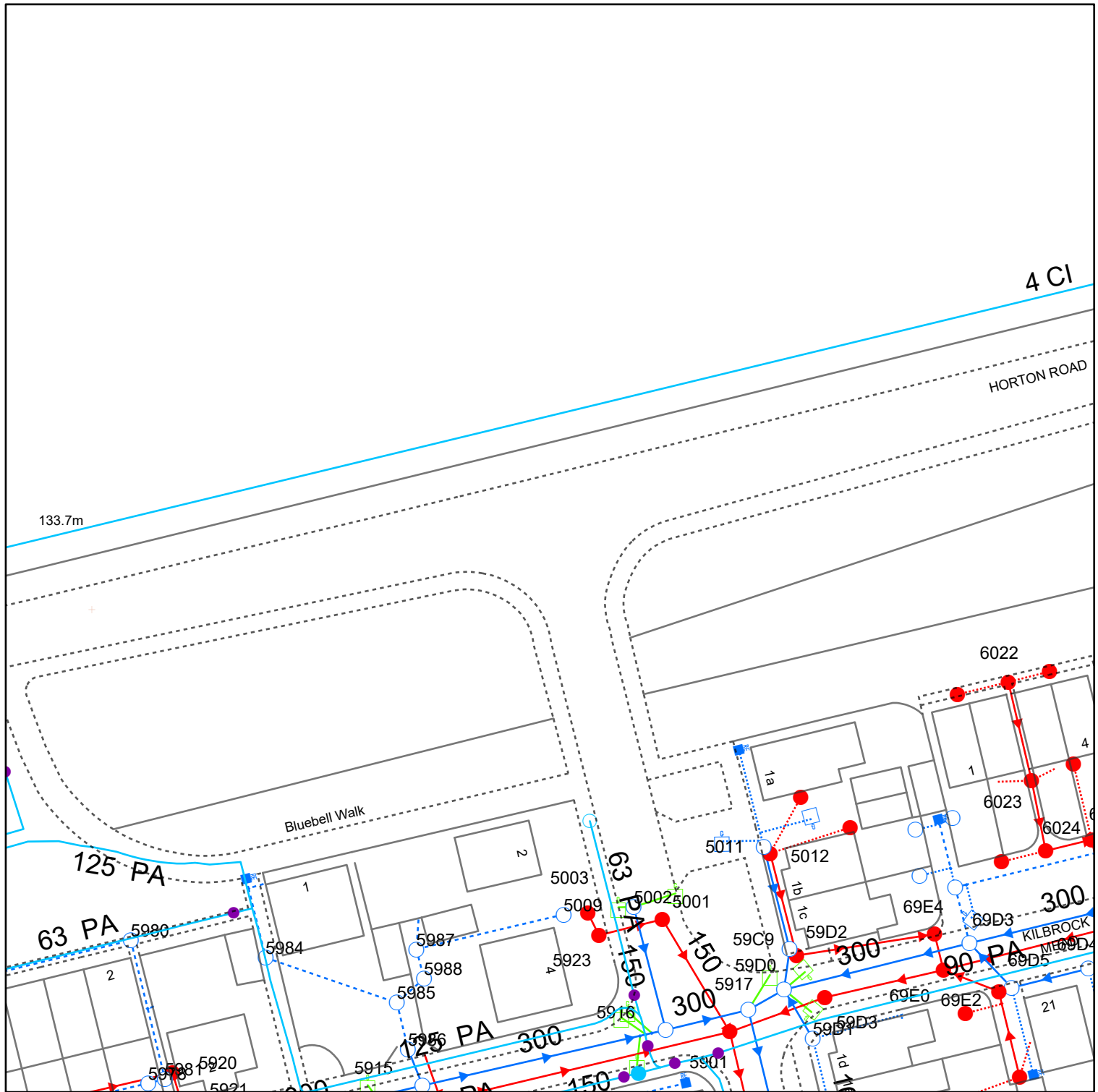
WATER MAINS		SEWERS		STRATEGIC		PUBLIC		PRIVATE		SECTION 104		OTHER WESSEX PIPES		NON-WESSEX / UNKNOWN				
	Distribution		Foul		Surface								Rising Mains		Private Rising Mains			
	Washout		Surface		Combined								Standby Rising Mains		Culverted Watercourse			
	Raw Water		Abandoned								EDM		Effluent Disposal		Highway Drain			
	Abandoned												Overflow		Use Unknown			
	Private										Syphon				Status Unknown			
Colours generally indicate the use of the sewer/drain (i.e Red - Foul, Dark Blue - Surface, Magenta - Combined/Dual Use, Light Green - Highway Drain, Mid Green - Overflow).																		
Some styles of line and symbol are shown on the key in sample/typical colours.																		
FITTINGS		STRUCTURES																
	Hydrant		Manhole - Foul		Pumping Station - Surface													
	Other		Manhole - Surface		Pumping Stn - Foul/Combined													
			Manhole - Combined		Gully													
			Inlet		Outfall													
			Lamphole		Vent Column													
			Bifurcation - Foul		Rodding Eye													
			Bifurcation - Surface		Catchpit													
			Bifurcation - Combined		Flushing Chamber													
			Combined Sewage Overflow		Soakaway													
					Non Return Valve													
					Air Valve													
					Hatch Box													
					Washout													
OTHER STRUCTURES																		
																Attenuation Tank		Chamber
																Storage Tank		Tunnel
																		Interceptor
Wessex Water YTL GROUP																		

Information in this map is provided for identification purposes only. No warranty as to accuracy is given or implied. The precise route of pipe work may not exactly match that shown. Wessex Water does not accept liability for inaccuracies. Sewers and lateral drains adopted by Wessex Water under the Water Industry (Schemes for Adoption of Private Sewers) Regulations 2011 are to be plotted over time and may not yet be shown. In carrying out any works, you accept liability for the cost of any repairs to Wessex Water apparatus damaged as a result of your works. You are advised to commence excavations using hand tools only. Mechanical digging equipment should not be used until pipe work has been precisely located. If you are considering any form of building works and pipe work is shown within the boundary of your property or a property to be purchased (or very close by) a surveyor should plot its exact position prior to commencing works or purchase. If you are proposing to build over or near Wessex Water's apparatus you should contact the Developer Services Team, tel: 01225 526633 or e-mail: developer.enquiries@wessexwater.co.uk to discuss your proposals. Details of assets within Wessex Water's land ownership are unavailable through this service.

Date: 15/10/2025
Centre: 402260E, 163004N
Scale: 1:625
(when printed at A4 size)



Wessex Water Network Map

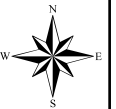


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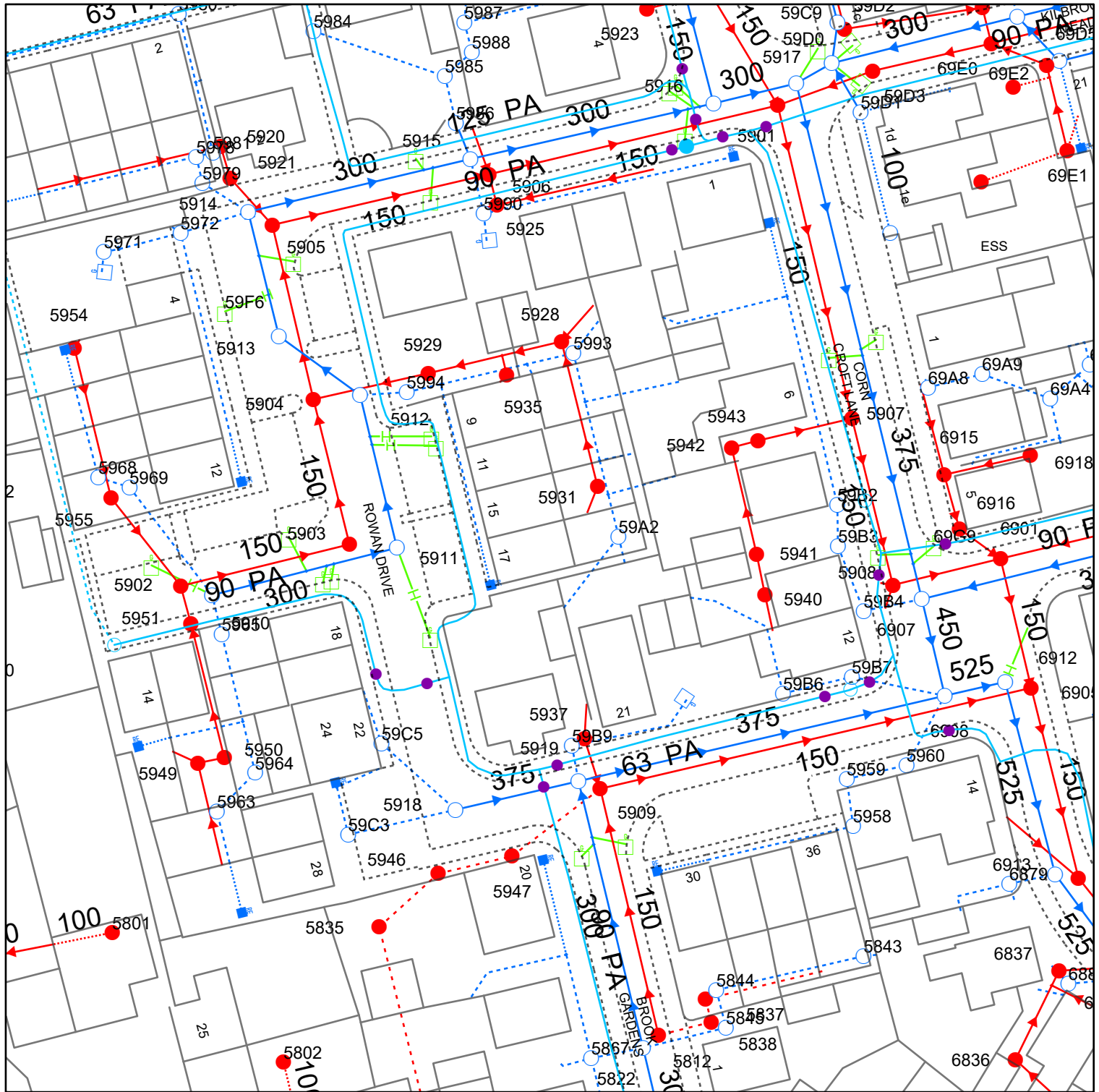
WATER MAINS		SEWERS		STRATEGIC		PUBLIC		PRIVATE		SECTION 104		OTHER WESSEX PIPES		NON-WESSEX / UNKNOWN	
	Distribution		Foul		Surface								Rising Mains		Private Rising Mains
	Washout		Surface		Combined								Standby Rising Mains		Culverted Watercourse
	Raw Water		Abandoned								Effluent Disposal		Highway Drain		Use Unknown
	Abandoned	Colours generally indicate the use of the sewer/drain (i.e Red - Foul, Dark Blue - Surface, Magenta - Combined/Dual Use, Light Green - Highway Drain, Mid Green - Overflow).													
	Private	Some styles of line and symbol are shown on the key in sample/typical colours.													
FITTINGS		STRUCTURES													
	Hydrant		Manhole - Foul		Pumping Station - Surface										
	Other		Manhole - Surface		Pumping Stn - Foul/Combined										
			Manhole - Combined		Gully										
			Inlet		Vent Column										
			Outfall		Rodding Eye										
			Lamphole		Catchpit										
			Bifurcation - Foul		Flushing Chamber										
			Bifurcation - Surface		Soakaway										
			Bifurcation - Combined		Non Return Valve										
			Combined Sewage Overflow		Air Valve		Hatch Box		Washout						
												OTHER STRUCTURES			Chamber
													Attenuation Tank		Tunnel
													Storage Tank		Interceptor

Information in this map is provided for identification purposes only. No warranty as to accuracy is given or implied. The precise route of pipe work may not exactly match that shown. Wessex Water does not accept liability for inaccuracies. Sewers and lateral drains adopted by Wessex Water under the Water Industry (Schemes for Adoption of Private Sewers) Regulations 2011 are to be plotted over time and may not yet be shown. In carrying out any works, you accept liability for the cost of any repairs to Wessex Water apparatus damaged as a result of your works. You are advised to commence excavations using hand tools only. Mechanical digging equipment should not be used until pipe work has been precisely located. If you are considering any form of building works and pipe work is shown within the boundary of your property or a property to be purchased (or very close by) a surveyor should plot its exact position prior to commencing works or purchase. If you are proposing to build over or near Wessex Water's apparatus you should contact the Developer Services Team, tel: 01225 526633 or e-mail: developer.enquiries@wessexwater.co.uk to discuss your proposals. Details of assets within Wessex Water's land ownership are unavailable through this service.

Date: 09/06/2026
Centre: 402564E, 163044N
Scale: 1:625
(when printed at A4 size)



Wessex Water Network Map



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WATER MAINS		SEWERS		STRATEGIC		PUBLIC		PRIVATE		SECTION 104		OTHER WESSEX PIPES		NON-WESSEX / UNKNOWN				
	Distribution		Foul		Surface								Rising Mains		Private Rising Mains			
	Washout		Surface		Combined								Standby Rising Mains		Culverted Watercourse			
	Raw Water		Abandoned								EDM		Effluent Disposal		Highway Drain			
	Abandoned												Overflow		Use Unknown			
	Private										Syphon				Status Unknown			
Colours generally indicate the use of the sewer/drain (i.e Red - Foul, Dark Blue - Surface, Magenta - Combined/Dual Use, Light Green - Highway Drain, Mid Green - Overflow).																		
Some styles of line and symbol are shown on the key in sample/typical colours.																		
FITTINGS		STRUCTURES																
	Hydrant		Manhole - Foul		Pumping Station - Surface													
	Other		Manhole - Surface		Pumping Stn - Foul/Combined													
			Manhole - Combined		Gully													
			Inlet		Vent Column													
			Lamphole		Rodding Eye													
			Bifurcation - Foul		Catchpit													
			Bifurcation - Surface		Flushing Chamber													
			Bifurcation - Combined		Soakaway													
			Combined Sewage Overflow		Non Return Valve													
					Air Valve													
					Hatch Box													
					X	Washout												
OTHER STRUCTURES																		
																Attenuation Tank		Chamber
																Storage Tank		Tunnel
																		Interceptor
Wessex Water YTL GROUP																		

Information in this map is provided for identification purposes only. No warranty as to accuracy is given or implied. The precise route of pipe work may not exactly match that shown. Wessex Water does not accept liability for inaccuracies. Sewers and lateral drains adopted by Wessex Water under the Water Industry (Schemes for Adoption of Private Sewers) Regulations 2011 are to be plotted over time and may not yet be shown. In carrying out any works, you accept liability for the cost of any repairs to Wessex Water apparatus damaged as a result of your works. You are advised to commence excavations using hand tools only. Mechanical digging equipment should not be used until pipe work has been precisely located. If you are considering any form of building works and pipe work is shown within the boundary of your property or a property to be purchased (or very close by) a surveyor should plot its exact position prior to commencing works or purchase. If you are proposing to build over or near Wessex Water's apparatus you should contact the Developer Services Team, tel: 01225 526633 or e-mail: developer.enquiries@wessexwater.co.uk to discuss your proposals. Details of assets within Wessex Water's land ownership are unavailable through this service.

Date: 09/06/2026
Centre: 402558E, 162938N
Scale: 1:625
(when printed at A4 size)



Claire Pitchers

From: Planning Liaison <planning.liaison@wessexwater.co.uk>
Sent: 30 June 2026 11:22
To: Claire Pitchers
Cc: Lawrence Quigley; Richard Hogarth; Chris Jarman; Andrew Rees
Subject: RE: SU06SW/ 301 Motorbike training centre south of London Road, Devises - Surface water discharge

Hi Claire,

For the purpose of your planning application we can confirm that a connection to the 300mm public surface water sewer in Corn Croft Lane will be accepted in Principle subject to evidence being submitted that all higher priority destinations have been utilised to their maximum extent. A maximum allowable discharge rate of 1l/s will be required.

Many thanks

Camilla Pearson
Planning Liaison Technician



Wessex Water
Operations Centre, Claverton Down, Bath BA2 7WW

Email Camilla.pearson@wessexwater.co.uk

Web ytl.com | wessexwater.co.uk



NOTE: These comments are based upon known circumstances prevailing at the time of writing. A review of the contents of this document is required where 18 months or more have elapsed since issue or in the light of significant changes likely to impact upon the response (e.g., changes in development numbers or phasing). Please email review requests to planning.liaison@wessexwater.co.uk
Our plans, invert and cover levels are provided for identification purposes only and no warranty as to their accuracy or completeness is given or implied. The position of private drains, private sewers and clean water service pipes to properties are not normally shown but their presence must be anticipated, and we advise you carry out your own enquiries and investigations to locate them.

Claire Pitchers

From: Camilla Pearson <Camilla.Pearson@wessexwater.co.uk>
Sent: 13 August 2026 13:07
To: Claire Pitchers; Planning Liaison
Cc: Chris Jarman; Andrew Rees
Subject: RE: SU06SW/ 301 Motorbike training centre south of London Road, Devises - Foul water discharge

Hi Claire,

Thank you for getting in touch. I can confirm that connection to the 150mm public foul sewer in Corn Croft Lane is acceptable.

Manhole ref: SU02635001 FWMH: 5001
Cover Level (m AOD) 132.790 approximately
Lowest Invert (m AOD) 131.403 approximately

Manhole ref: SU02625901 FWMH: 5901
Cover Level (m AOD) 132.630 approximately
Lowest Invert (m AOD) 130.230 approximately

Many thanks

Camilla Pearson
Assistant Engineer



Wessex Water
Operations Centre, Claverton Down, Bath BA2 7WW

Email Camilla.pearson@wessexwater.co.uk

Web ytl.com | wessexwater.co.uk



NOTE: These comments are based upon known circumstances prevailing at the time of writing. A review of the contents of this document is required where 18 months or more have elapsed since issue or in the light of significant changes likely to impact upon the response (e.g., changes in development numbers or phasing). Please email review requests to planning.liaison@wessexwater.co.uk

Appendix G

Drainage Calculations, Infiltration Testing and Drainage Strategy Drawings

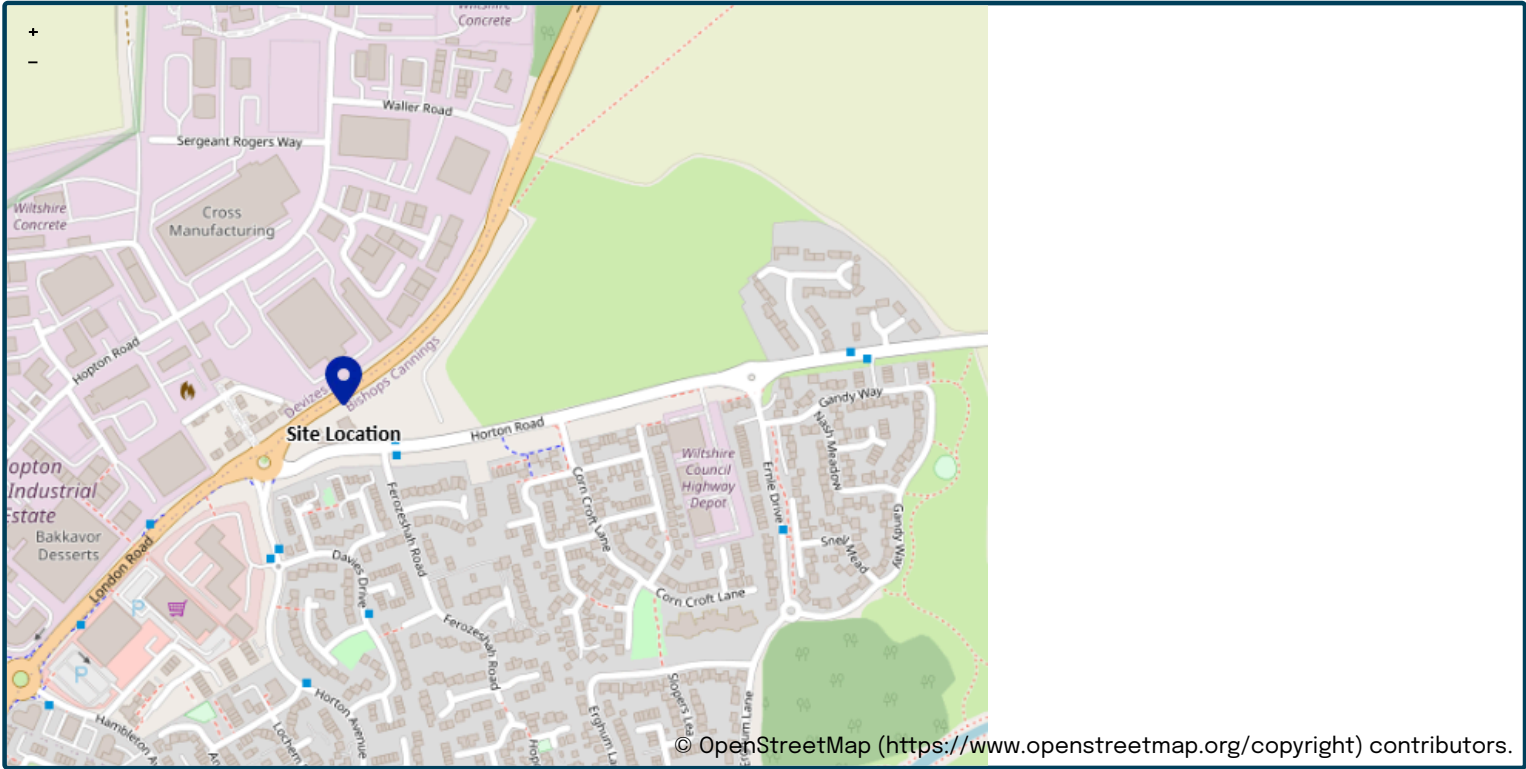
This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance “Rainfall runoff management for developments”, SC030219 (2013), the SuDS Manual C753 (CIRIA, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Project details

Date	19/08/2026
Calculated by	CAP
Reference	13906
Model version	2.2.3

Location

Site name	ALDIHorton Road
Site location	Devizes



Site easting (British National Grid)	402331
Site northing (British National Grid)	163036

Site details

Total site area (ha)	0.9	ha
----------------------	-----	----

Greenfield runoff

Method

Method	FEH statistical (2025)
--------	------------------------

FEH statistical (2025)

	My value	Map value
SAAR9120 (mm)	781	mm
BFIHOST19scaled	.632	
QMed-QBar conversion	1.075	☒ 1.075
QMed (l/s)	1.9	l/s
QBar (FEH statistical 2025) (l/s)	2	l/s

Growth curve factors

	My value	Map value
Hydrological region	8	☒ 8
1 year growth factor	0.78	
2 year growth factor	0.93	
10 year growth factor	1.49	
30 year growth factor	1.95	
100 year growth factor	2.43	
200 year growth factor	2.78	

Results

Method	FEH statistical (2025)	
Flow rate 1 year (l/s)	1.6	l/s
Flow rate 2 year (l/s)	1.9	l/s
Flow rate 10 years (l/s)	3.0	l/s
Flow rate 30 years (l/s)	4.0	l/s
Flow rate 100 years (l/s)	4.9	l/s
Flow rate 200 years (l/s)	5.7	l/s

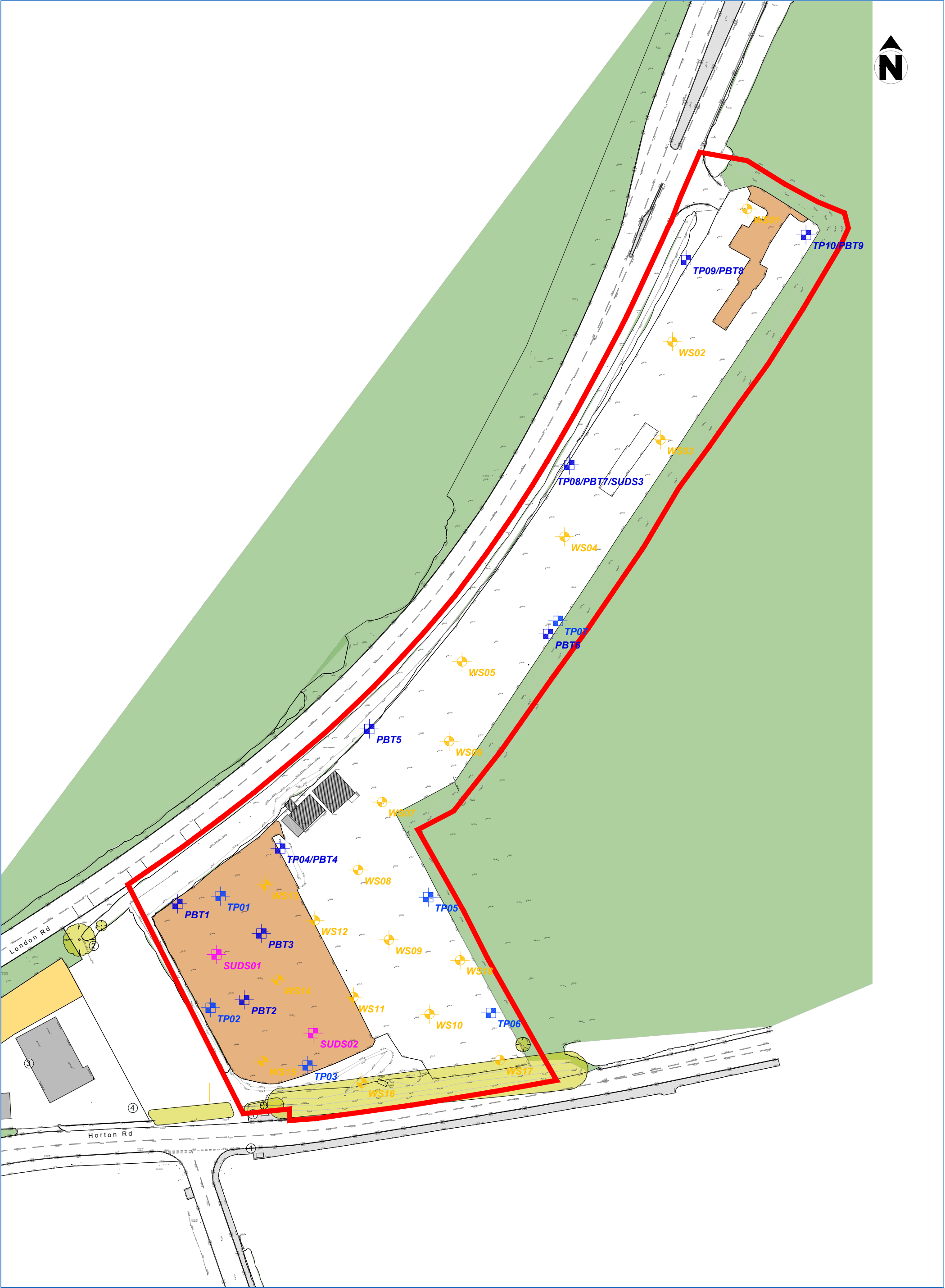
Please note runoff estimation is subject to significant uncertainty. Results are therefore normally reported to only 1 decimal place. Where 2 decimal places are provided, this does not indicate accuracy to this level, it has been adopted to prevent ‘zero’ figures from being reported. Outputs less than 0.01 l/s are reported as 0.01 l/s.

Disclaimer

This report was produced using the Greenfield runoff rate estimation tool (2.2.3) developed by HR Wallingford and available at uksuds.com (<https://www.uksuds.com/>). The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at uksuds.com/terms-conditions (<https://www.uksuds.com/terms-conditions>). The outputs from this tool have been used to estimate Greenfield runoff rates. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, Centre for Ecology and Hydrology, Wallingford Hydrosolutions or any other organisation for the use of these data in the design or operational characteristics of any drainage scheme.

Appendix G1

Infiltration testing results



GROUNDTECH CONSULTING	CLIENT HIGHGROVE GROUP (READING) LTD ON BEHALF OF PRZM REAL ESTATE AND ALDI STORES LTD	DATE AUGUST 2025				Status		Notes TRIAL PIT LOCATION PLATE LOAD TEST LOCATION SOIL PERCOLATION TEST LOCATION WINDOWLESS SAMPLE BOREHOLE LOCATION
	PROJECT TITLE LONDON ROAD, DEVIZES	SCALE NTS				Preliminary		
	PLAN TITLE EXPLORATORY HOLE LOCATION PLAN	PLAN NUMBER GRO-25165-P04				Draft		
			Rev.	Details		Issued		
					Date	For Comment		
						Approved		

APPENDIX 12 - Soil Percolation Testing Results

SOIL PERCOLATION TEST

Sheet 1 of 2

Date of Test: 02/07/2025

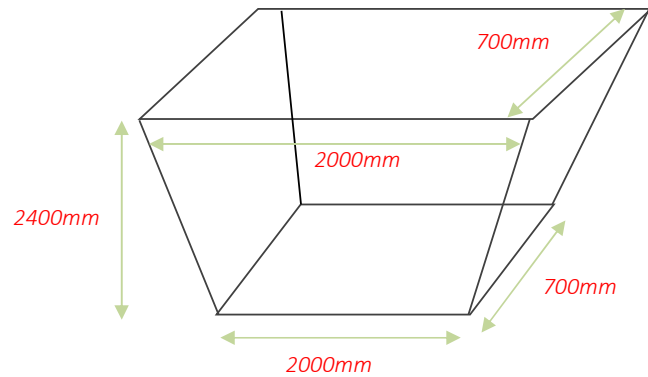
POSITION: SUDS1
TEST 1

Weather: Sunny, clear

Engineer: JOD

Checked: LH

Trial Pit Measurements



Pit Depth (mm): 2400

Pit Details: Open with no stone filling

Groundwater Level: NGW

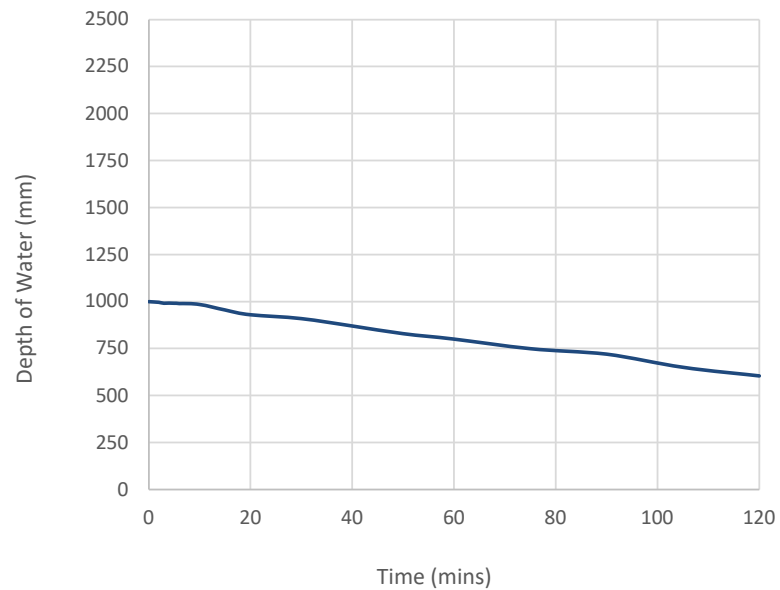
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	1400
1	1402
2	1404
3	1408
5	1408
6	1410
10	1415
15	1445
20	1470
30	1490
40	1530
50	1570
60	1600
75	1650
90	1680
105	1750
120	1795

SOIL PERCOLATION TEST

POSITION: SUDS1
TEST 1

Depth vs Time



Volume of Pit (m ³)	3.36
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.4

Compliance Check:

Water Level at 75% effective depth (mm)	750
---	-----

Water Level at 25% effective depth (mm)	250
---	-----

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	1000
Water Level 2	605
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.553

Discharge Area (m ²)	5.7335
----------------------------------	--------

Soil Infiltration Rate (m/min)	0.0008038
--------------------------------	-----------

Soil Infiltration Rate (m/sec)	1.34E-05
--------------------------------	----------

SOIL PERCOLATION TEST

Sheet 1 of 2

Date of Test: 02/07/2025

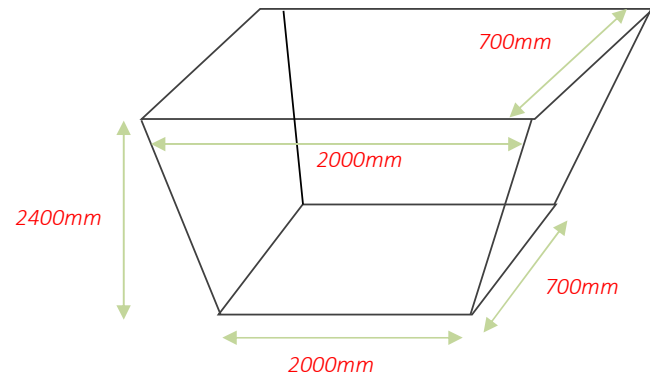
POSITION: SUDS1
TEST 2

Weather: Sunny, clear

Engineer: JOD

Checked: LH

Trial Pit Measurements



Pit Depth (mm): 2400

Pit Details: Open with no stone filling

Groundwater Level: NGW

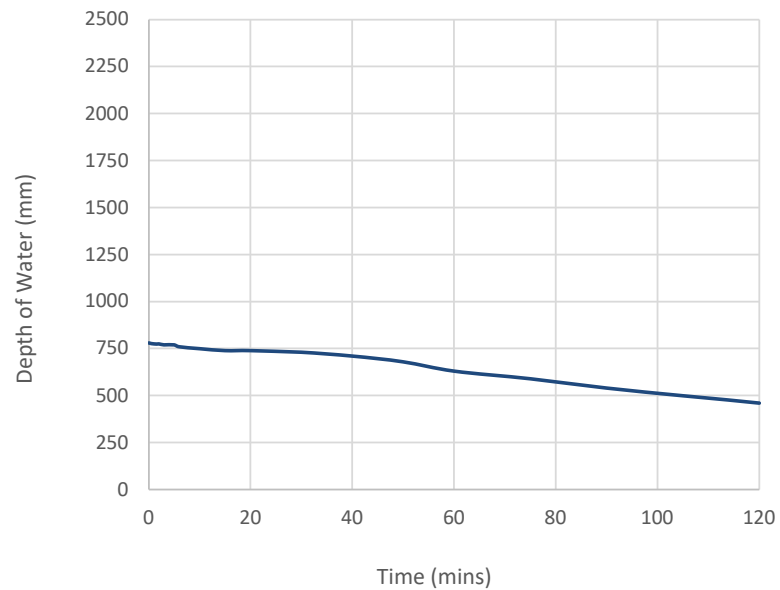
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	1620
1	1625
2	1625
3	1630
5	1630
6	1640
10	1650
15	1660
20	1660
30	1670
40	1690
50	1720
60	1770
75	1810
90	1860
105	1900
120	1940

SOIL PERCOLATION TEST

POSITION: SUDS1
TEST 2

Depth vs Time



Volume of Pit (m ³)	3.36
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.092

Compliance Check:

Water Level at 75% effective depth (mm)	585
---	-----

Water Level at 25% effective depth (mm)	195
---	-----

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	780
Water Level 2	460
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.448

Discharge Area (m ²)	4.748
----------------------------------	-------

Soil Infiltration Rate (m/min)	0.0007863
--------------------------------	-----------

Soil Infiltration Rate (m/sec)	1.31E-05
--------------------------------	----------

SOIL PERCOLATION TEST

Sheet 1 of 2

Date of Test: 02/07/2025

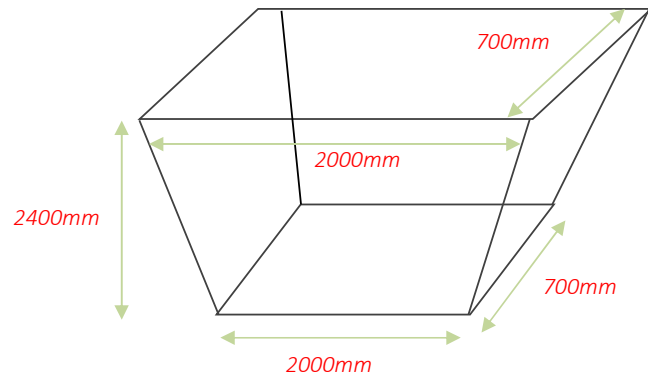
POSITION: SUDS1
TEST 3

Weather: Sunny, clear

Engineer: JOD

Checked: LH

Trial Pit Measurements



Pit Depth (mm): 2400

Pit Details: Open with no stone filling

Groundwater Level: NGW

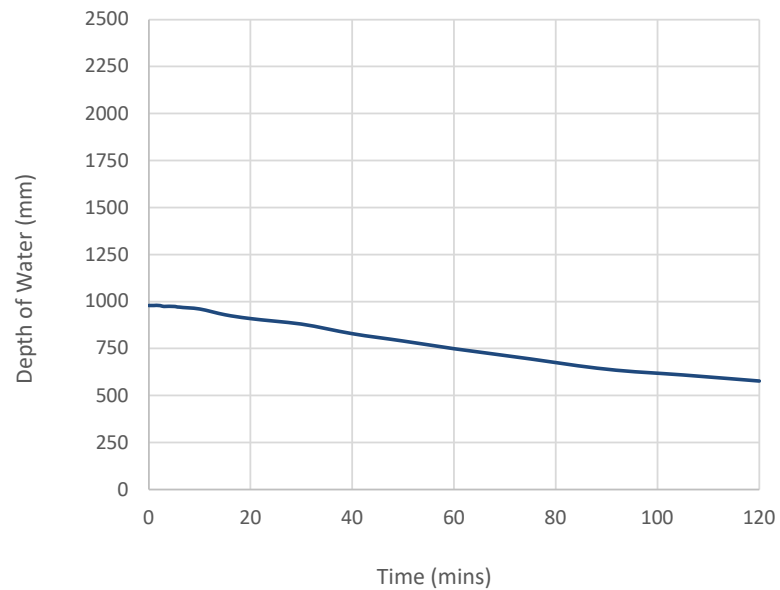
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	1420
1	1420
2	1420
3	1425
5	1425
6	1430
10	1440
15	1470
20	1490
30	1520
40	1570
50	1610
60	1650
75	1705
90	1760
105	1790
120	1823

SOIL PERCOLATION TEST

POSITION: SUDS1
TEST 3

Depth vs Time



Volume of Pit (m ³)	3.36
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.372

Compliance Check:

Water Level at 75% effective depth (mm)	735
Water Level at 25% effective depth (mm)	245

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	980
Water Level 2	577
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.5642

Discharge Area (m ²)	5.6039
----------------------------------	--------

Soil Infiltration Rate (m/min)	0.000839
--------------------------------	----------

Soil Infiltration Rate (m/sec)	1.40E-05
--------------------------------	----------

SOIL PERCOLATION TEST



Sheet 1 of 2

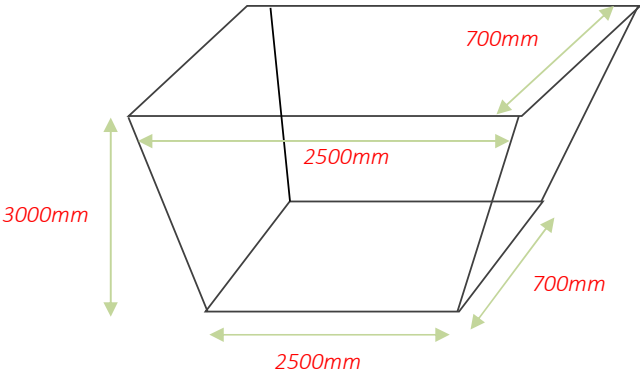
Date of Test: 02/07/2025

POSITION: SUDS2
TEST 1

Weather: Sunny, clear

Engineer: JOD
Checked: LH

Trial Pit Measurements



Pit Depth (mm):	3000
Pit Details:	Open with no stone filling
Groundwater Level:	NGW

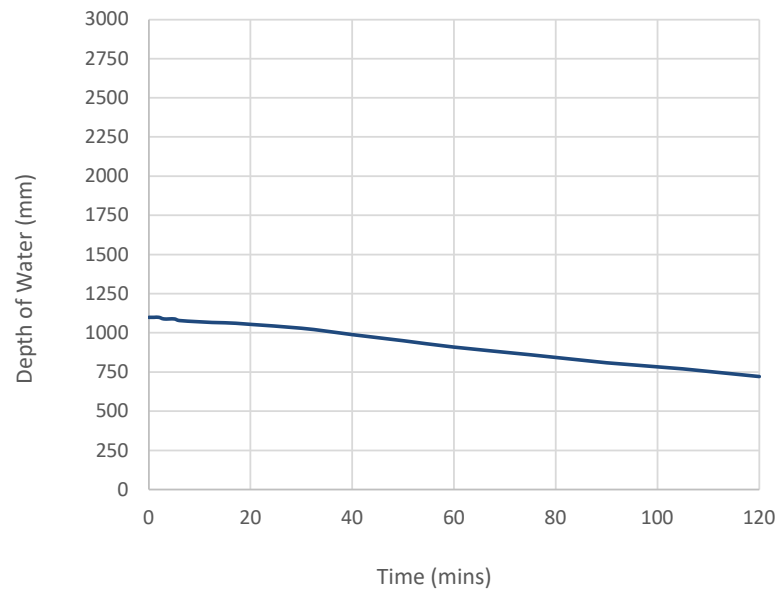
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	1900
1	1900
2	1900
3	1910
5	1910
6	1920
10	1930
15	1935
20	1945
30	1970
40	2010
50	2050
60	2090
75	2140
90	2190
105	2230
120	2278

SOIL PERCOLATION TEST

POSITION: SUDS2
TEST 1

Depth vs Time



Volume of Pit (m ³)	5.25
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.925

Compliance Check:

Water Level at 75% effective depth (mm)	825
---	-----

Water Level at 25% effective depth (mm)	275
---	-----

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	1100
Water Level 2	722
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.6615

Discharge Area (m ²)	7.5804
----------------------------------	--------

Soil Infiltration Rate (m/min)	0.0007272
--------------------------------	-----------

Soil Infiltration Rate (m/sec)	1.21E-05
--------------------------------	----------

SOIL PERCOLATION TEST

Sheet 1 of 2

Date of Test: 02/07/2025

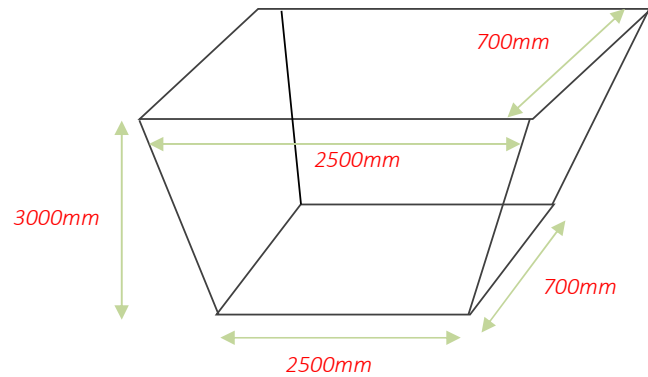
POSITION: SUDS2
TEST 2

Weather: Sunny, clear

Engineer: JOD

Checked: LH

Trial Pit Measurements



Pit Depth (mm): 3000

Pit Details: Open with no stone filling

Groundwater Level: NGW

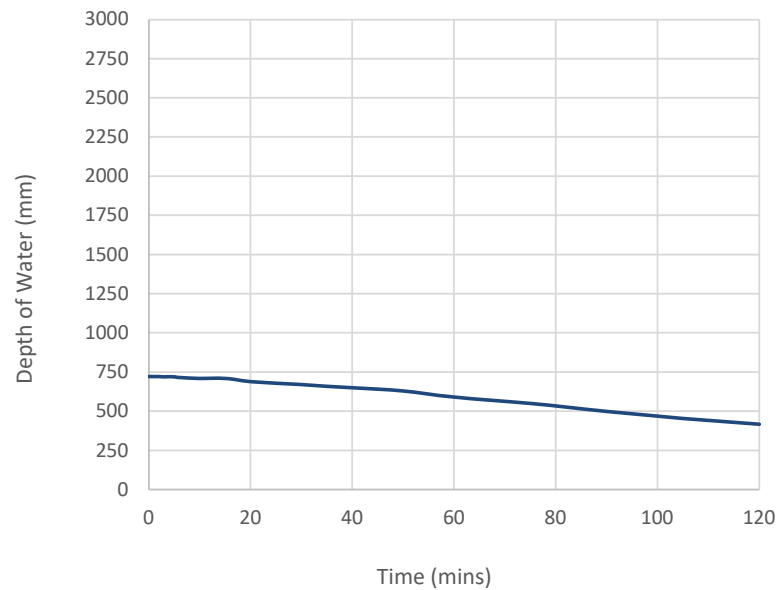
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	2278
1	2279
2	2279
3	2280
5	2280
6	2285
10	2290
15	2290
20	2310
30	2330
40	2350
50	2370
60	2410
75	2450
90	2500
105	2545
120	2582

SOIL PERCOLATION TEST

POSITION: SUDS2
TEST 2

Depth vs Time



Volume of Pit (m ³)	5.25
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.2635

Compliance Check:

Water Level at 75% effective depth (mm)	541.5
Water Level at 25% effective depth (mm)	180.5

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	722
Water Level 2	418
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.532

Discharge Area (m ²)	5.398
----------------------------------	-------

Soil Infiltration Rate (m/min)	0.0008213
--------------------------------	-----------

Soil Infiltration Rate (m/sec)	1.37E-05
--------------------------------	----------

SOIL PERCOLATION TEST

Sheet 1 of 2

Date of Test: 02/07/2025

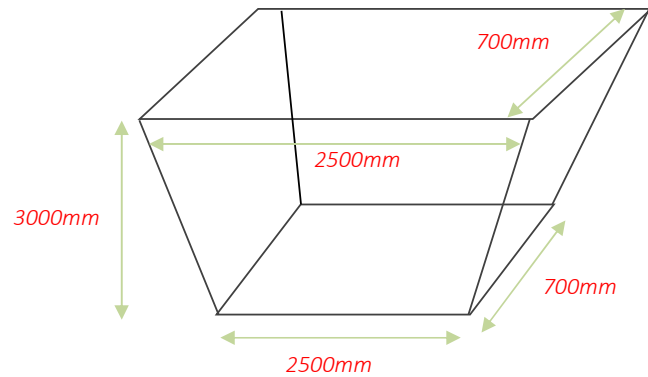
POSITION: SUDS2
TEST 3

Weather: Sunny, clear

Engineer: JOD

Checked: LH

Trial Pit Measurements



Pit Depth (mm): 3000

Pit Details: Open with no stone filling

Groundwater Level: NGW

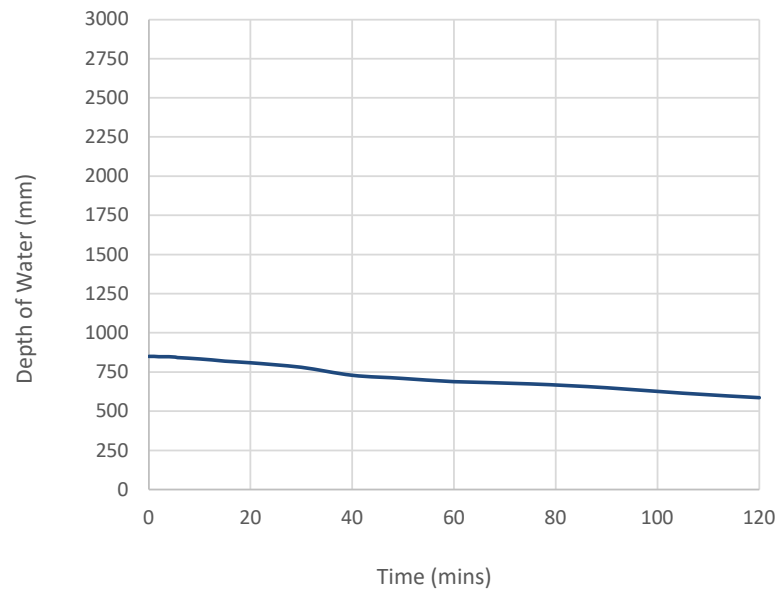
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	2150
1	2150
2	2151
3	2151
5	2153
6	2158
10	2165
15	2180
20	2190
30	2220
40	2270
50	2290
60	2310
75	2325
90	2350
105	2385
120	2413

SOIL PERCOLATION TEST

POSITION: SUDS2
TEST 3

Depth vs Time



Volume of Pit (m ³)	5.25
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.4875

Compliance Check:

Water Level at 75% effective depth (mm)	637.5
Water Level at 25% effective depth (mm)	212.5

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	850
Water Level 2	587
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.46025

Discharge Area (m ²)	6.3484
----------------------------------	--------

Soil Infiltration Rate (m/min)	0.0006042
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Soil Infiltration Rate (m/sec)	1.01E-05
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SOIL PERCOLATION TEST



Sheet 1 of 2

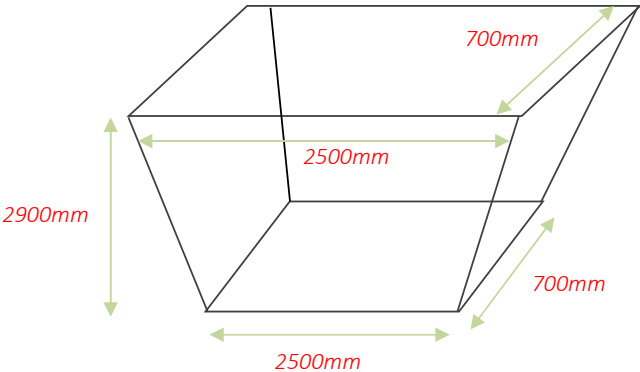
Date of Test: 03/07/2025

POSITION: TP08/SUDS3
TEST 1

Weather: Sunny, clear

Engineer: JOD
Checked: LH

Trial Pit Measurements



Pit Depth (mm):	2900
Pit Details:	Open with no stone filling
Groundwater Level:	NGW

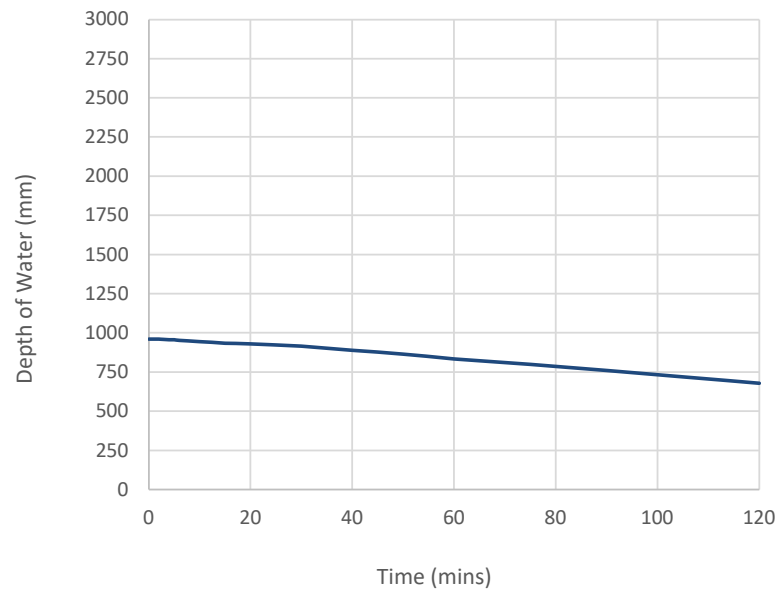
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	1940
1	1940
2	1940
3	1942
5	1944
6	1947
10	1955
15	1965
20	1970
30	1985
40	2010
50	2035
60	2065
75	2100
90	2140
105	2180
120	2221

SOIL PERCOLATION TEST

POSITION: TP08/SUDS3
TEST 1

Depth vs Time



Volume of Pit (m ³)	5.075
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.68

Compliance Check:

Water Level at 75% effective depth (mm)	720
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Water Level at 25% effective depth (mm)	240
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Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	960
Water Level 2	679
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.491925

Discharge Area (m ²)	6.99448
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Soil Infiltration Rate (m/min)	0.0005861
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Soil Infiltration Rate (m/sec)	9.77E-06
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SOIL PERCOLATION TEST



Sheet 1 of 2

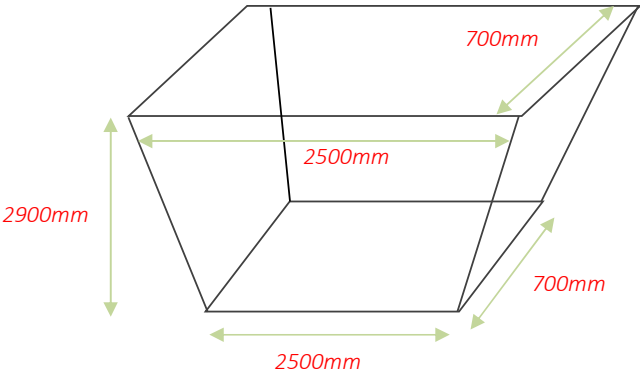
Date of Test: 03/07/2025

POSITION: TP08/SUDS3
TEST 2

Weather: Sunny, clear

Engineer: JOD
Checked: LH

Trial Pit Measurements



Pit Depth (mm):	2900
Pit Details:	Open with no stone filling
Groundwater Level:	NGW

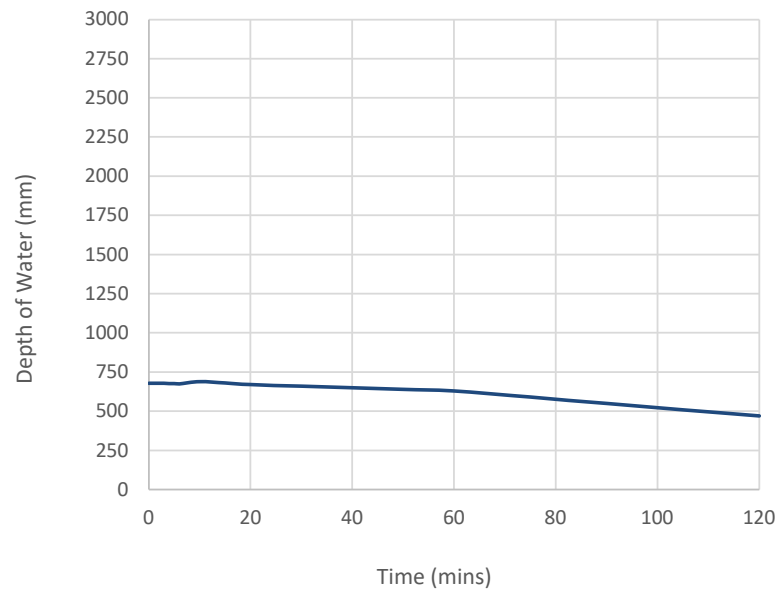
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	2221
1	2221
2	2221
3	2222
5	2223
6	2225
10	2210
15	2220
20	2230
30	2240
40	2250
50	2260
60	2270
75	2310
90	2350
105	2390
120	2429

SOIL PERCOLATION TEST

POSITION: TP08/SUDS3
TEST 2

Depth vs Time



Volume of Pit (m ³)	5.075
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	1.18825

Compliance Check:

Water Level at 75% effective depth (mm)	509.25
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Water Level at 25% effective depth (mm)	169.75
---	--------

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	679
Water Level 2	471
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.364

Discharge Area (m ²)	5.43
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Soil Infiltration Rate (m/min)	0.0005586
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Soil Infiltration Rate (m/sec)	9.31E-06
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SOIL PERCOLATION TEST



Sheet 1 of 2

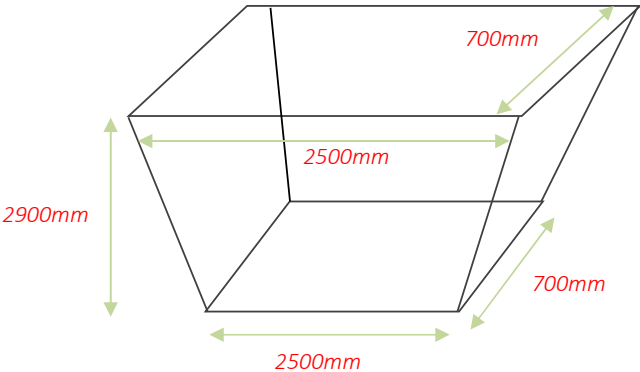
Date of Test: 03/07/2025

POSITION: TP08/SUDS3
TEST 3

Weather: Sunny, clear

Engineer: JOD
Checked: LH

Trial Pit Measurements



Pit Depth (mm):	2900
Pit Details:	Open with no stone filling
Groundwater Level:	NGW

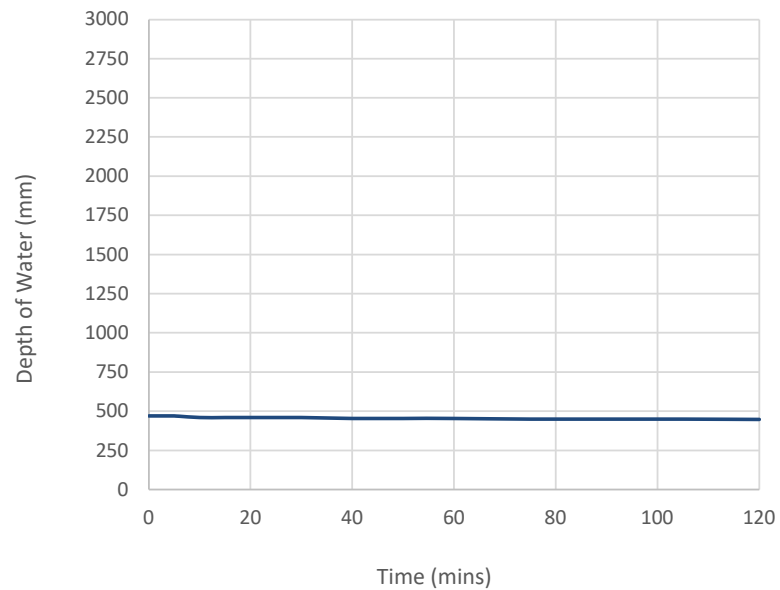
Test Data

Time Elapsed (mins)	Depth to Water Level (mm)
0	2429
1	2429
2	2429
3	2429
5	2430
6	2432
10	2440
15	2440
20	2440
30	2440
40	2445
50	2445
60	2445
75	2450
90	2450
105	2450
120	2452

SOIL PERCOLATION TEST

POSITION: TP08/SUDS3
TEST 3

Depth vs Time



Volume of Pit (m ³)	5.075
Void Ratio of Infill	1
Volume of Infill (m ³)	N/A
Volume of Water in Pit (m ³)	0.82425

Compliance Check:

Water Level at 75% effective depth (mm)	353.25
Water Level at 25% effective depth (mm)	117.75

Test not BRE 365 compliant with BRE 365 - insufficient time to drain past 25% effective depth

Soil Infiltration Rate Calculation

Water Level 1	471
Water Level 2	448
Time to Drain from Level 1 to Level 2 (mins)	120
Volume of water discharged (m ³)	0.040425

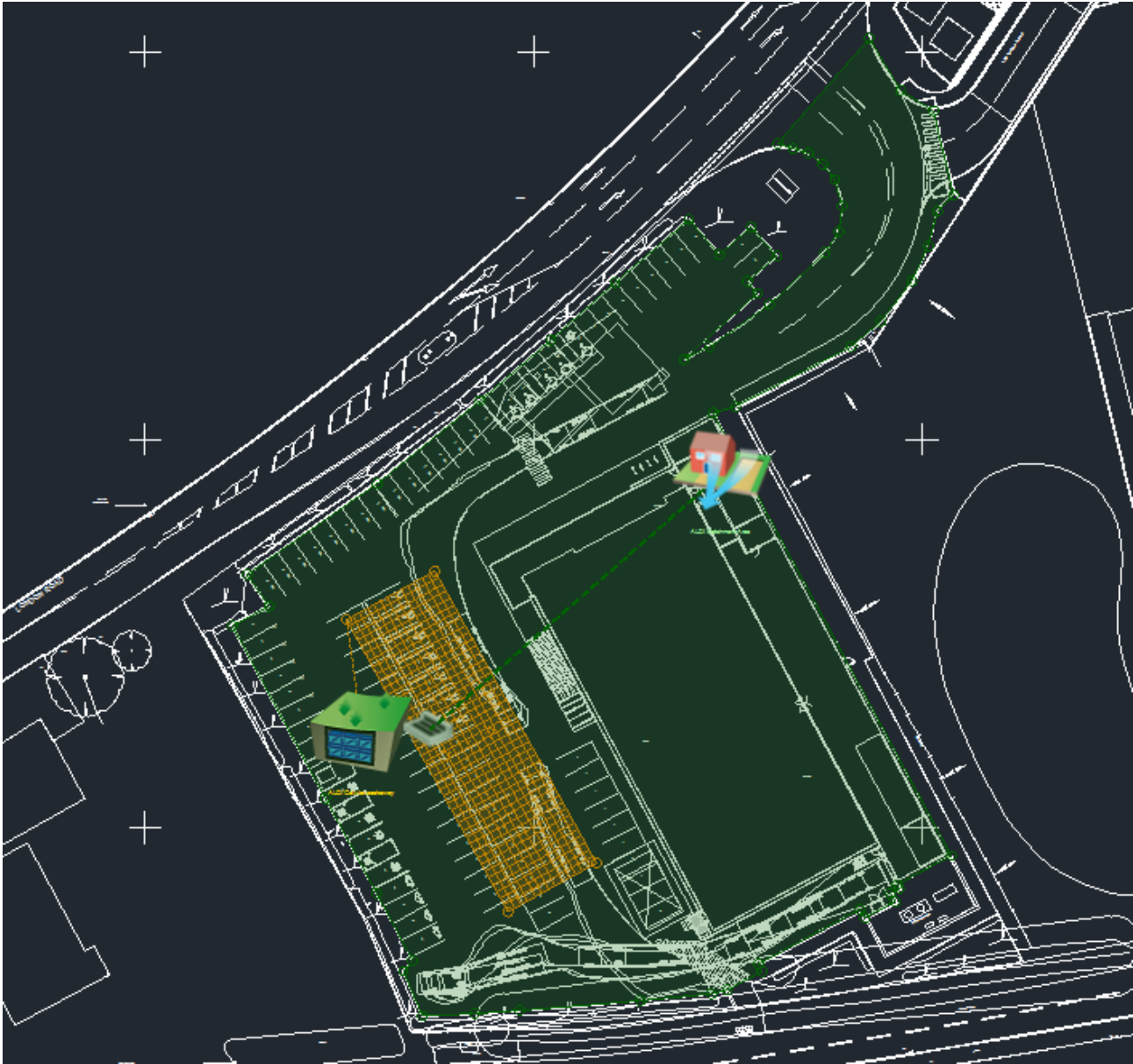
Discharge Area (m ²)	4.69048
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Soil Infiltration Rate (m/min)	7.182E-05
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Soil Infiltration Rate (m/sec)	1.20E-06
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Appendix G2

Option A Drainage Calculations,



Project: ALDI Store London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	
Report Details: Type: Inflows Storm Phase: Infiltration ALDI	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		



ALDI Catchment Area

Type : Catchment Area

Area (ha)	0.60
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: ALDI Store London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	Approved By:
	Report Details: Type: Stormwater Controls Storm Phase: Infiltration ALDI		
Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			



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DRN



ALDI Cellular soakaway

Type : Cellular Storage

Dimensions

Exceedance Level (m)	133.840
Depth (m)	1.000
Base Level (m)	132.300
Number of Crates Long	13
Number of Crates Wide	43
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	1
Total Volume (m³)	531.590

Inlets

Inlet

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

Advanced

Base Infiltration Rate (m/hr)	0.036
Side Infiltration Rate (m/hr)	0.036
Safety Factor	2.0

Project: ALDI Store London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	Approved By:
	Report Details: Type: Inflow Summary Storm Phase: Infiltration ALDI		
Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
ALDI Catchment Area	ALDI Cellular soakaway		Time of Concentration	0.60	100	0	100	0.60
TOTAL		0.0		0.60				0.60

Project: ALDI Store London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	
Report Details: Type: Rainfall Analysis Criteria	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall	
FEH	Type: FEH
Site Location	GB 401773 162576 SU 01773 62576
Rainfall Version	2022
Summer	☒
Winter	☒

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

Storm Durations	
Duration (mins)	Run Time (mins)
15	5760
30	5760
60	5760
120	5760
240	5760
360	5760
480	5760
960	5760
1440	5760

Project:
ALDI Store
London Road, Devizes

Report Details:
Type: Stormwater Controls Summary
Storm Phase: Infiltration ALDI

Date:
31/10/2025

Designed by:
RJH

Checked by:

Approved By:

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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DRN



FEH: 100 years: Increase Rainfall (%): +45: Summary Results for ALDI Cellular soakaway: Rank
By: Max. Resident Volume

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 (%)	Status
FEH: 100 years: +45 %: 15 mins: Summer	132.678	132.678	0.378	0.378	452.9	200.622	0.000	204.215	0.0	0.000		62.260	OK
FEH: 100 years: +45 %: 15 mins: Winter	132.678	132.678	0.378	0.378	426.1	200.614	0.000	204.232	0.0	0.000		62.262	OK
FEH: 100 years: +45 %: 30 mins: Summer	132.792	132.792	0.492	0.492	308.9	261.465	0.000	267.638	0.0	0.000		50.814	OK
FEH: 100 years: +45 %: 30 mins: Winter	132.792	132.792	0.492	0.492	289.9	261.466	0.000	267.637	0.0	0.000		50.814	OK
FEH: 100 years: +45 %: 60 mins: Summer	132.908	132.908	0.608	0.608	267.4	322.727	0.000	334.248	0.0	0.000	305	39.290	OK
FEH: 100 years: +45 %: 60 mins: Winter	132.908	132.908	0.608	0.608	215.1	322.742	0.000	334.242	0.0	0.000	305	39.287	OK
FEH: 100 years: +45 %: 120 mins: Summer	133.013	133.013	0.713	0.713	190.3	378.568	0.000	400.933	0.0	0.000	595	28.786	OK
FEH: 100 years: +45 %: 120 mins: Winter	133.013	133.013	0.713	0.713	136.9	378.645	0.000	400.928	0.0	0.000	600	28.771	OK
FEH: 100 years: +45 %: 240 mins: Summer	133.120	133.120	0.820	0.820	124.4	435.662	0.000	479.979	0.0	0.000	890	18.046	OK
FEH: 100 years: +45 %: 240 mins: Winter	133.122	133.122	0.822	0.822	83.6	436.424	0.000	479.969	0.0	0.000	900	17.902	OK
FEH: 100 years: +45 %: 360 mins: Summer	133.177	133.177	0.877	0.877	94.2	465.757	0.000	532.171	0.0	0.000	1045	12.384	OK
FEH: 100 years: +45 %: 360 mins: Winter	133.180	133.180	0.880	0.880	62.1	467.086	0.000	532.168	0.0	0.000	1060	12.134	OK
FEH: 100 years: +45 %: 480 mins: Summer	133.210	133.210	0.910	0.910	77.6	483.232	0.000	571.791	0.0	0.000	1135	9.097	OK
FEH: 100 years: +45 %: 480 mins: Winter	133.214	133.214	0.914	0.914	50.2	485.377	0.000	571.791	0.0	0.000	1150	8.693	OK
FEH: 100 years: +45 %: 960 mins: Summer	133.231	133.231	0.931	0.931	45.7	494.601	0.000	671.039	0.0	0.000	1195	6.958	OK
FEH: 100 years: +45 %: 960 mins: Winter	133.242	133.242	0.942	0.942	29.5	500.288	0.000	671.049	0.0	0.000	1240	5.888	OK
FEH: 100 years: +45 %: 1440 mins: Summer	133.181	133.181	0.881	0.881	33.0	468.095	0.000	727.534	0.0	0.000	1235	11.944	OK
FEH: 100 years: +45 %: 1440 mins: Winter	133.197	133.197	0.897	0.897	21.3	476.455	0.000	727.551	0.0	0.000	1155	10.372	OK

Project:
ALDI Store
London Road, Devizes

Report Details:
Type: Stormwater Controls Summary
Storm Phase: Infiltration ALDI

Date:
31/10/2025

Designed by:
RJH

Checked by:

Approved By:

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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DRN



FEH: 30 years: Increase Rainfall (%): +40: Summary Results for ALDI Cellular soakaway: Rank By: Max. Resident Volume

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 (%)	Status
FEH: 30 years: +40 %: 15 mins: Summer	132.584	132.584	0.284	0.284	342.1	150.746	0.000	154.262	0.0	0.000		71.642	OK
FEH: 30 years: +40 %: 15 mins: Winter	132.584	132.584	0.284	0.284	321.8	150.732	0.000	154.269	0.0	0.000		71.645	OK
FEH: 30 years: +40 %: 30 mins: Summer	132.666	132.666	0.366	0.366	231.3	194.321	0.000	200.390	0.0	0.000		63.445	OK
FEH: 30 years: +40 %: 30 mins: Winter	132.666	132.666	0.366	0.366	217.0	194.322	0.000	200.389	0.0	0.000		63.445	OK
FEH: 30 years: +40 %: 60 mins: Summer	132.747	132.747	0.447	0.447	199.1	237.523	0.000	248.843	0.0	0.000		55.318	OK
FEH: 30 years: +40 %: 60 mins: Winter	132.747	132.747	0.447	0.447	160.1	237.546	0.000	248.846	0.0	0.000		55.314	OK
FEH: 30 years: +40 %: 120 mins: Summer	132.833	132.833	0.533	0.533	144.7	282.940	0.000	304.900	0.0	0.000	90	46.775	OK
FEH: 30 years: +40 %: 120 mins: Winter	132.833	132.833	0.533	0.533	104.1	283.040	0.000	304.903	0.0	0.000	90	46.756	OK
FEH: 30 years: +40 %: 240 mins: Summer	132.910	132.910	0.610	0.610	95.3	324.230	0.000	367.645	0.0	0.000	310	39.008	OK
FEH: 30 years: +40 %: 240 mins: Winter	132.912	132.912	0.612	0.612	64.1	325.149	0.000	367.630	0.0	0.000	320	38.835	OK
FEH: 30 years: +40 %: 360 mins: Summer	132.944	132.944	0.644	0.644	72.0	341.780	0.000	406.710	0.0	0.000	405	35.706	OK
FEH: 30 years: +40 %: 360 mins: Winter	132.947	132.947	0.647	0.647	47.4	343.445	0.000	406.732	0.0	0.000	420	35.393	OK
FEH: 30 years: +40 %: 480 mins: Summer	132.957	132.957	0.657	0.657	59.0	348.685	0.000	435.024	0.0	0.000	445	34.407	OK
FEH: 30 years: +40 %: 480 mins: Winter	132.961	132.961	0.661	0.661	38.2	351.081	0.000	434.997	0.0	0.000	460	33.956	OK
FEH: 30 years: +40 %: 960 mins: Summer	132.928	132.928	0.628	0.628	34.3	333.479	0.000	503.962	0.0	0.000	430	37.268	OK
FEH: 30 years: +40 %: 960 mins: Winter	132.940	132.940	0.640	0.640	22.1	339.900	0.000	503.925	0.0	0.000	425	36.060	OK
FEH: 30 years: +40 %: 1440 mins: Summer	132.882	132.882	0.582	0.582	24.7	309.054	0.000	544.015	0.0	0.000	485	41.862	OK
FEH: 30 years: +40 %: 1440 mins: Winter	132.882	132.882	0.582	0.582	15.9	309.298	0.000	544.029	0.0	0.000	465	41.816	OK

Project:
ALDI Store
London Road, Devizes

Report Details:
Type: Stormwater Controls Summary
Storm Phase: Infiltration ALDI

Date:
31/10/2025

Designed by:
RJH

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

Checked by:

Approved By:

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DRN

 FEH: 2 years: Increase Rainfall (%): +0: Summary Results for ALDI Cellular soakaway: Rank By: Max. Resident Volume

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 (%)	Status
FEH: 2 years: +0 %: 15 mins: Summer	132.384	132.384	0.084	0.084	105.8	44.378	0.000	47.700	0.0	0.000		91.652	OK
FEH: 2 years: +0 %: 15 mins: Winter	132.384	132.384	0.084	0.084	99.5	44.365	0.000	47.699	0.0	0.000		91.654	OK
FEH: 2 years: +0 %: 30 mins: Summer	132.404	132.404	0.104	0.104	70.6	55.355	0.000	61.156	0.0	0.000		89.587	OK
FEH: 2 years: +0 %: 30 mins: Winter	132.404	132.404	0.104	0.104	66.2	55.357	0.000	61.155	0.0	0.000		89.586	OK
FEH: 2 years: +0 %: 60 mins: Summer	132.422	132.422	0.122	0.122	60.6	64.946	0.000	75.769	0.0	0.000		87.783	OK
FEH: 2 years: +0 %: 60 mins: Winter	132.422	132.422	0.122	0.122	48.7	64.983	0.000	75.762	0.0	0.000		87.776	OK
FEH: 2 years: +0 %: 120 mins: Summer	132.457	132.457	0.157	0.157	49.6	83.549	0.000	104.538	0.0	0.000		84.283	OK
FEH: 2 years: +0 %: 120 mins: Winter	132.459	132.459	0.159	0.159	35.7	84.210	0.000	104.536	0.0	0.000		84.159	OK
FEH: 2 years: +0 %: 240 mins: Summer	132.480	132.480	0.180	0.180	35.4	95.727	0.000	136.805	0.0	0.000		81.992	OK
FEH: 2 years: +0 %: 240 mins: Winter	132.483	132.483	0.183	0.183	23.8	97.195	0.000	136.791	0.0	0.000		81.716	OK
FEH: 2 years: +0 %: 360 mins: Summer	132.481	132.481	0.181	0.181	27.6	96.310	0.000	156.118	0.0	0.000		81.883	OK
FEH: 2 years: +0 %: 360 mins: Winter	132.484	132.484	0.184	0.184	18.2	97.836	0.000	156.129	0.0	0.000		81.596	OK
FEH: 2 years: +0 %: 480 mins: Summer	132.479	132.479	0.179	0.179	23.0	95.010	0.000	169.612	0.0	0.000		82.127	OK
FEH: 2 years: +0 %: 480 mins: Winter	132.479	132.479	0.179	0.179	14.9	94.967	0.000	169.605	0.0	0.000		82.135	OK
FEH: 2 years: +0 %: 960 mins: Summer	132.461	132.461	0.161	0.161	13.7	85.291	0.000	201.892	0.0	0.000		83.955	OK
FEH: 2 years: +0 %: 960 mins: Winter	132.451	132.451	0.151	0.151	8.9	80.269	0.000	201.891	0.0	0.000		84.900	OK
FEH: 2 years: +0 %: 1440 mins: Summer	132.439	132.439	0.139	0.139	10.1	74.008	0.000	221.601	0.0	0.000		86.078	OK
FEH: 2 years: +0 %: 1440 mins: Winter	132.418	132.418	0.118	0.118	6.5	62.760	0.000	221.619	0.0	0.000		88.194	OK

Project: Drive-Through Unit London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: Infiltration Drive-thru	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		





Drive Thru Catchment Area

Type : Catchment Area

Area (ha)	0.229
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: Drive-Through Unit London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Infiltration Drive-thru	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		





Drive Thru Soakaway

Type : Cellular Storage

Dimensions	
Exceedance Level (m)	135.650
Depth (m)	1.000
Base Level (m)	133.225
Number of Crates Long	36
Number of Crates Wide	10
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	1
Total Volume (m³)	343.425
Inlets	
Inlet	
Inlet Type	Point Inflow
Incoming Item(s)	Drive Thru Catchment Area
Bypass Destination	(None)
Capacity Type	No Restriction
Advanced	
Base Infiltration Rate (m/hr)	0.0043
Side Infiltration Rate (m/hr)	0.0043
Safety Factor	2.0

Project: Drive-Through Unit London Road, Devizes		Date: 31/10/2025			
		Designed by: RJH	Checked by:		Approved By:
Report Details: Type: Inflow Summary Storm Phase: Infiltration Drive-thru		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Drive Thru Catchment Area	Drive Thru Soakaway		Time of Concentration	0.229	100	0	100	0.229
TOTAL		0.0		0.229				0.229

Project: Drive-Through Unit London Road, Devizes	Date: 31/10/2025		
	Designed by: RJH	Checked by:	
Report Details: Type: Rainfall Analysis Criteria	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall	
FEH	Type: FEH
Site Location	GB 401773 162576 SU 01773 62576
Rainfall Version	2022
Summer	☒
Winter	☒

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

Storm Durations	
Duration (mins)	Run Time (mins)
15	5760
30	5760
60	5760
120	5760
240	5760
360	5760
480	5760
960	5760
1440	5760

Project::
Drive-Through Unit
London Road, Devizes

Report Details:
Type: Stormwater Controls Summary
Storm Phase: Infiltration Drive-thru

Date:
31/10/2025

Designed by:
RJH

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

Checked by:

Approved By:

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DRN

Summary Results for Drive Thru Soakaway: Rank By: Max. Resident Volume

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 (%)	Status
FEH: 100 years: +45 %: 15 mins: Summer	133.452	133.452	0.227	0.227	173.1	77.731	0.000	76.832	0.0	0.000		77.366	OK
FEH: 100 years: +45 %: 15 mins: Winter	133.452	133.452	0.227	0.227	162.9	77.735	0.000	76.832	0.0	0.000		77.365	OK
FEH: 100 years: +45 %: 30 mins: Summer	133.523	133.523	0.298	0.298	118.1	101.802	0.000	78.132	0.0	0.000		70.357	OK
FEH: 100 years: +45 %: 30 mins: Winter	133.523	133.523	0.298	0.298	110.8	101.808	0.000	78.132	0.0	0.000		70.355	OK
FEH: 100 years: +45 %: 60 mins: Summer	133.596	133.596	0.371	0.371	102.2	126.861	0.000	79.485	0.0	0.000		63.060	OK
FEH: 100 years: +45 %: 60 mins: Winter	133.596	133.596	0.371	0.371	82.2	126.869	0.000	79.485	0.0	0.000		63.058	OK
FEH: 100 years: +45 %: 120 mins: Summer	133.668	133.668	0.443	0.443	72.7	151.548	0.000	80.813	0.0	0.000		55.872	OK
FEH: 100 years: +45 %: 120 mins: Winter	133.668	133.668	0.443	0.443	52.3	151.545	0.000	80.811	0.0	0.000		55.872	OK
FEH: 100 years: +45 %: 240 mins: Summer	133.752	133.752	0.527	0.527	47.5	180.072	0.000	82.325	0.0	0.000	570	47.566	OK
FEH: 100 years: +45 %: 240 mins: Winter	133.752	133.752	0.527	0.527	32.0	180.086	0.000	82.320	0.0	0.000	570	47.562	OK
FEH: 100 years: +45 %: 360 mins: Summer	133.805	133.805	0.580	0.580	36.0	198.350	0.000	83.269	0.0	0.000	1805	42.244	OK
FEH: 100 years: +45 %: 360 mins: Winter	133.805	133.805	0.580	0.580	23.7	198.381	0.000	83.259	0.0	0.000	1805	42.235	OK
FEH: 100 years: +45 %: 480 mins: Summer	133.844	133.844	0.619	0.619	29.6	211.799	0.000	83.941	0.0	0.000	2705	38.327	OK
FEH: 100 years: +45 %: 480 mins: Winter	133.844	133.844	0.619	0.619	19.2	211.824	0.000	83.918	0.0	0.000	2710	38.320	OK
FEH: 100 years: +45 %: 960 mins: Summer	133.935	133.935	0.710	0.710	17.5	242.853	0.000	85.339	0.0	0.000	4755	29.285	OK
FEH: 100 years: +45 %: 960 mins: Winter	133.936	133.936	0.711	0.711	11.3	242.992	0.000	85.289	0.0	0.000	4770	29.244	OK
FEH: 100 years: +45 %: 1440 mins: Summer	133.978	133.978	0.753	0.753	12.6	257.573	0.000	85.796	0.0	0.000		24.999	OK
FEH: 100 years: +45 %: 1440 mins: Winter	133.979	133.979	0.754	0.754	8.1	257.835	0.000	85.698	0.0	0.000		24.923	OK
FEH: 30 years: +40 %: 15 mins: Summer	133.397	133.397	0.172	0.172	130.8	58.650	0.000	58.962	0.0	0.000		82.922	OK
FEH: 30 years: +40 %: 15 mins: Winter	133.397	133.397	0.172	0.172	123.0	58.650	0.000	58.969	0.0	0.000		82.922	OK
FEH: 30 years: +40 %: 30 mins: Summer	133.448	133.448	0.223	0.223	88.4	76.112	0.000	76.600	0.0	0.000		77.838	OK
FEH: 30 years: +40 %: 30 mins: Winter	133.448	133.448	0.223	0.223	83.0	76.106	0.000	76.594	0.0	0.000		77.839	OK
FEH: 30 years: +40 %: 60 mins: Summer	133.501	133.501	0.276	0.276	76.1	94.239	0.000	77.732	0.0	0.000		72.559	OK

Project:: Drive-Through Unit London Road, Devizes						Date: 31/10/2025						I DRN	
						Designed by: RJH		Checked by:		Approved By:			
Report Details: Type: Stormwater Controls Summary Storm Phase: Infiltration Drive-thru						Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield							

FEH: 30 years: +40 %: 60 mins: Winter	133.501	133.501	0.276	0.276	61.2	94.235	0.000	77.731	0.0	0.000		72.560	OK
FEH: 30 years: +40 %: 120 mins: Summer	133.561	133.561	0.336	0.336	55.3	114.857	0.000	78.850	0.0	0.000		66.555	OK
FEH: 30 years: +40 %: 120 mins: Winter	133.561	133.561	0.336	0.336	39.8	114.867	0.000	78.849	0.0	0.000		66.553	OK
FEH: 30 years: +40 %: 240 mins: Summer	133.626	133.626	0.401	0.401	36.4	137.200	0.000	80.054	0.0	0.000		60.050	OK
FEH: 30 years: +40 %: 240 mins: Winter	133.626	133.626	0.401	0.401	24.5	137.203	0.000	80.047	0.0	0.000		60.049	OK
FEH: 30 years: +40 %: 360 mins: Summer	133.665	133.665	0.440	0.440	27.5	150.486	0.000	80.758	0.0	0.000		56.181	OK
FEH: 30 years: +40 %: 360 mins: Winter	133.665	133.665	0.440	0.440	18.1	150.499	0.000	80.745	0.0	0.000		56.177	OK
FEH: 30 years: +40 %: 480 mins: Summer	133.692	133.692	0.467	0.467	22.5	159.597	0.000	81.230	0.0	0.000		53.528	OK
FEH: 30 years: +40 %: 480 mins: Winter	133.692	133.692	0.467	0.467	14.6	159.675	0.000	81.202	0.0	0.000		53.505	OK
FEH: 30 years: +40 %: 960 mins: Summer	133.749	133.749	0.524	0.524	13.1	179.287	0.000	82.170	0.0	0.000	515	47.794	OK
FEH: 30 years: +40 %: 960 mins: Winter	133.750	133.750	0.525	0.525	8.5	179.466	0.000	82.102	0.0	0.000	530	47.742	OK
FEH: 30 years: +40 %: 1440 mins: Summer	133.774	133.774	0.549	0.549	9.4	187.921	0.000	82.469	0.0	0.000	1100	45.280	OK
FEH: 30 years: +40 %: 1440 mins: Winter	133.775	133.775	0.550	0.550	6.1	188.203	0.000	82.346	0.0	0.000	1130	45.198	OK
FEH: 2 years: +0 %: 15 mins: Summer	133.278	133.278	0.053	0.053	40.4	17.954	0.000	18.226	0.0	0.000		94.772	OK
FEH: 2 years: +0 %: 15 mins: Winter	133.278	133.278	0.053	0.053	38.0	17.959	0.000	18.233	0.0	0.000		94.771	OK
FEH: 2 years: +0 %: 30 mins: Summer	133.292	133.292	0.067	0.067	27.0	22.909	0.000	23.369	0.0	0.000		93.329	OK
FEH: 2 years: +0 %: 30 mins: Winter	133.292	133.292	0.067	0.067	25.3	22.909	0.000	23.369	0.0	0.000		93.329	OK
FEH: 2 years: +0 %: 60 mins: Summer	133.307	133.307	0.082	0.082	23.2	28.104	0.000	28.953	0.0	0.000		91.817	OK
FEH: 2 years: +0 %: 60 mins: Winter	133.307	133.307	0.082	0.082	18.6	28.105	0.000	28.953	0.0	0.000		91.816	OK
FEH: 2 years: +0 %: 120 mins: Summer	133.337	133.337	0.112	0.112	19.0	38.313	0.000	39.951	0.0	0.000		88.844	OK
FEH: 2 years: +0 %: 120 mins: Winter	133.337	133.337	0.112	0.112	13.6	38.317	0.000	39.950	0.0	0.000		88.843	OK
FEH: 2 years: +0 %: 240 mins: Summer	133.368	133.368	0.143	0.143	13.5	49.067	0.000	52.292	0.0	0.000		85.712	OK
FEH: 2 years: +0 %: 240 mins: Winter	133.369	133.369	0.144	0.144	9.1	49.084	0.000	52.280	0.0	0.000		85.707	OK
FEH: 2 years: +0 %: 360 mins: Summer	133.385	133.385	0.160	0.160	10.6	54.862	0.000	59.678	0.0	0.000		84.025	OK
FEH: 2 years: +0 %: 360 mins: Winter	133.386	133.386	0.161	0.161	7.0	54.930	0.000	59.672	0.0	0.000		84.005	OK
FEH: 2 years: +0 %: 480 mins: Summer	133.396	133.396	0.171	0.171	8.8	58.416	0.000	64.826	0.0	0.000		82.990	OK
FEH: 2 years: +0 %: 480 mins: Winter	133.396	133.396	0.171	0.171	5.7	58.512	0.000	64.808	0.0	0.000		82.962	OK

Project: Drive-Through Unit London Road, Devizes						Date: 31/10/2025						I DRN				
						Designed by: RJH			Checked by:					Approved By:		
						Report Details: Type: Stormwater Controls Summary Storm Phase: Infiltration Drive-thru									Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield	

FEH: 2 years: +0 %: 960 mins: Summer	133.413	133.413	0.188	0.188	5.3	64.398	0.000	76.435	0.0	0.000		81.248	OK
FEH: 2 years: +0 %: 960 mins: Winter	133.414	133.414	0.189	0.189	3.4	64.692	0.000	76.304	0.0	0.000		81.163	OK
FEH: 2 years: +0 %: 1440 mins: Summer	133.417	133.417	0.192	0.192	3.8	65.515	0.000	76.613	0.0	0.000		80.923	OK
FEH: 2 years: +0 %: 1440 mins: Winter	133.418	133.418	0.193	0.193	2.5	66.152	0.000	76.374	0.0	0.000		80.738	OK



Appendix G3

Option B Drainage Calculations



Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Inflows
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
CAP

Checked by:
CJ

Approved By:
AMR

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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DRN



Catchment Area 10

Type : Catchment Area

Area (ha)

0.047

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Drive Thru Catchment Area

Type : Catchment Area

Area (ha)

0.301

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



HGV ramp

Type : Catchment Area

Area (ha)

0.013

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area 8

Type : Catchment Area

Area (ha)

0.01

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
Report Details: Type: Inflows Storm Phase: Shared System PR'd	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		





Catchment Area 9

Type : Catchment Area

Area (ha)	0.051
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



ALDI Roof B

Type : Catchment Area

Area (ha)	0.088
-----------	-------

Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area 12

Type : Catchment Area

Area (ha)	0.069
-----------	-------

Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area 11

Type : Catchment Area

Area (ha)	0.063
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
Report Details: Type: Inflows Storm Phase: Shared System PR'd	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		



**Catchment Area 6**

Type : Catchment Area

Area (ha)	0.017
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

**Catchment Area 7**

Type : Catchment Area

Area (ha)	0.043
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

**Catchment Area 4**

Type : Catchment Area

Area (ha)	0.01
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

**Catchment Area 5**

Type : Catchment Area

Area (ha)	0.016
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
	Report Details: Type: Inflows Storm Phase: Shared System PR'd		
Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			





Catchment Area 3

Type : Catchment Area

Area (ha)	0.021
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area 2

Type : Catchment Area

Area (ha)	0.018
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area 1

Type : Catchment Area

Area (ha)	0.02
-----------	------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100



ALDI Roof A

Type : Catchment Area

Area (ha)	0.109
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
Report Details: Type: Inflows Storm Phase: Shared System PR'd	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		





Plant Area Catchment Area

Type : Catchment Area

Area (ha)	0.008
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project::

ALDI & Drive-Through Unit

London Road, Devizes

Report Details:

Type: Junctions

Storm Phase: Shared System PR'd

Date:

27/08/2026

Designed by:

CAP

Checked by:

CJ

Approved By:

AMR

Company Address:

Craddys

Bath, Bristol, Cardiff, Exeter, Wakefield

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DRN

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
HGV ramp channel	Manhole	402444.750	163045.143	134.070	0.635	133.435	Circular	0.300
Sw.16 ALDI flow control	Manhole	402424.308	163030.122	134.251	1.761	132.490	Circular	1.200
Sw.01	Manhole	402447.278	163135.276	135.792	2.762	133.030	Circular	1.200
Sd.01 Drive thru flow control	Manhole	402450.132	163141.995	135.786	1.932	133.854	Circular	1.200
Sw.02	Manhole	402437.905	163117.338	135.101	2.171	132.930	Circular	1.200
Sw.04	Manhole	402422.527	163106.694	135.307	2.467	132.840	Circular	1.200
Sw.18	Manhole	402426.750	163022.454	133.896	1.460	132.436	Circular	1.200
Sw.19	Manhole	402496.459	163034.868	133.760	1.798	131.962	Circular	1.200
Sw.03	Manhole	402423.868	163117.380	135.421	1.921	133.500	Circular	1.200
Sw.06	Manhole	402391.574	163089.576	135.300	2.650	132.650	Circular	1.200
Sw.07	Manhole	402387.589	163086.256	135.256	2.766	132.490	Circular	1.200
Sw.05	Manhole	402394.072	163097.909	135.400	2.400	133.000	Circular	1.200
Sw.09	Manhole	402426.906	163098.895	135.340	0.808	134.532	Circular	0.600
Sw.14	Manhole	402378.431	163077.772	135.110	1.310	133.800	Circular	1.200
Sw.12	Manhole	402365.858	163074.050	135.022	1.222	133.800	Circular	1.200
Sw.13	Manhole	402389.413	163030.975	134.278	1.378	132.900	Circular	1.200
Sw.15	Manhole	402403.585	163030.948	134.315	1.515	132.800	Circular	1.200
Sw.20	Manhole	402561.010	163049.152	133.530	2.009	131.521	Circular	1.200
Sw.21	Manhole	402575.124	163006.198	132.780	1.560	131.220	Circular	1.200
POC 5917	Manhole	402584.349	162991.617	132.655	1.550	131.105	Circular	1.200
Sw.08	Manhole	402414.315	163035.956	134.393	1.903	132.490	Circular	1.200
Sw.10	Manhole	402455.638	163044.354	134.686	1.686	133.000	Circular	1.200
Sw.11	Manhole	402442.103	163037.119	134.626	1.826	132.800	Circular	1.200
Sd.02	Manhole	402422.374	163126.967	135.679	2.036	133.643	Circular	1.200
Sd.03	Manhole	402393.640	163102.217	135.461	2.073	133.388	Circular	1.200
Sd.04	Manhole	402361.368	163077.191	135.082	1.967	133.115	Circular	1.200
Sd.05	Manhole	402388.882	163024.933	134.310	1.591	132.719	Circular	1.200
Sw.17	Manhole	402425.089	163027.411	134.142	1.671	132.471	Circular	1.200

Name	Lock
HGV ramp channel	None
Sw.16 ALDI flow control	None
Sw.01	None
Sd.01 Drive thru flow control	None
Sw.02	None
Sw.04	None
Sw.18	None
Sw.19	None
Sw.03	None
Sw.06	None
Sw.07	None
Sw.05	None
Sw.09	None
Sw.14	None
Sw.12	None
Sw.13	None
Sw.15	None
Sw.20	None
Sw.21	None
POC 5917	None
Sw.08	None
Sw.10	None
Sw.11	None
Sd.02	None
Sd.03	None
Sd.04	None
Sd.05	None
Sw.17	None

Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Junctions
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
CAP

Checked by:
CJ

Approved By:
AMR

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
HGV ramp channel	Inlet	HGV ramp	(None)	No Restriction
Sw.16 ALDI flow control	Inlet	1.006	(None)	No Restriction
	Inlet (1)	5.000	(None)	No Restriction
	Inlet (2)	6.002	(None)	No Restriction
	Inlet (3)	Catchment Area 12	(None)	No Restriction
	Inlet (4)	4.002	(None)	No Restriction
Sw.01	Inlet (2)	Catchment Area 1	(None)	No Restriction
Sd.01 Drive thru flow control	Inlet	Pipe	(None)	No Restriction
Sw.02	Inlet	1.000	(None)	No Restriction
	Inlet (2)	Catchment Area 2	(None)	No Restriction
Sw.04	Inlet (1)	1.001	(None)	No Restriction
	Inlet (2)	2.000	(None)	No Restriction
	Inlet (4)	Catchment Area 3	(None)	No Restriction
Sw.18	Inlet	1.008	(None)	No Restriction
Sw.19	Inlet	1.009	(None)	No Restriction
Sw.03	Inlet	Catchment Area 5	(None)	No Restriction
	Inlet (1)	Catchment Area 4	(None)	No Restriction
Sw.06	Inlet	1.002	(None)	No Restriction
	Inlet (1)	3.000	(None)	No Restriction
	Inlet (2)	Catchment Area 7	(None)	No Restriction
Sw.07	Inlet	1.003	(None)	No Restriction
Sw.05	Inlet	Catchment Area 6	(None)	No Restriction
Sw.09	Inlet	ALDI Roof A	(None)	No Restriction
Sw.12	Inlet (1)	Catchment Area 8	(None)	No Restriction
Sw.13	Inlet	6.000	(None)	No Restriction
	Inlet (1)	Catchment Area 9	(None)	No Restriction
Sw.15	Inlet	7.000	(None)	No Restriction
	Inlet (1)	6.001	(None)	No Restriction
	Inlet (2)	Catchment Area 10	(None)	No Restriction
	Inlet (3)	Catchment Area 11	(None)	No Restriction
Sw.20	Inlet	1.010	(None)	No Restriction
Sw.21	Inlet	1.011	(None)	No Restriction
POC 5917	Inlet	1.012	(None)	No Restriction
Sw.08	Inlet (1)	1.005	(None)	No Restriction
Sw.10	Inlet	4.000	(None)	No Restriction
	Inlet (1)	ALDI Roof B	(None)	No Restriction
	Inlet (2)	Plant Area Catchment Area	(None)	No Restriction
Sw.11	Inlet (2)	4.001	(None)	No Restriction
Sd.02	Inlet	8.001	(None)	No Restriction
Sd.03	Inlet	8.002	(None)	No Restriction
Sd.04	Inlet	8.003	(None)	No Restriction
Sd.05	Inlet	8.004	(None)	No Restriction
Sw.17	Inlet	8.005	(None)	No Restriction
	Inlet (1)	1.007	(None)	No Restriction

Outlets

Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Junctions
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
CAP

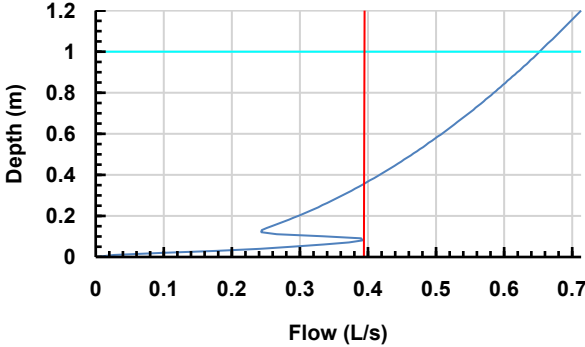
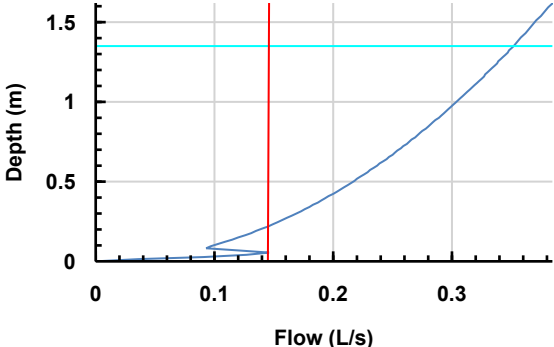
Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

Checked by:
CJ

Approved By:
AMR

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Junction	Outlet Name	Outgoing Connection	Outlet Type
HGV ramp channel	Outlet	5.000	Free Discharge
Sw.16 ALDI flow control	Outlet (1)	1.007	Hydro-Brake®
	Invert Level (m)	132.490	
	Design Depth (m)	1.000	
	Design Flow (L/s)	0.65	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☐	
	Unit Reference	CHE-0037-6500-1000-6500	
			
Sw.01	Outlet	1.000	Free Discharge
Sd.01 Drive thru flow control	Outlet (1)	8.001	Hydro-Brake®
	Invert Level (m)	133.854	
	Design Depth (m)	1.350	
	Design Flow (L/s)	0.35	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☐	
	Unit Reference	CHE-0025-3500-1350-3500	
			
Sw.02	Outlet	1.001	Free Discharge
Sw.04	Outlet	1.002	Free Discharge
Sw.18	Outlet	1.009	Free Discharge
Sw.19	Outlet	1.010	Free Discharge
Sw.03	Outlet	2.000	Free Discharge
Sw.06	Outlet	1.003	Free Discharge
Sw.07	Outlet	1.004	Free Discharge
Sw.05	Outlet	3.000	Free Discharge
Sw.09	Outlet	4.000	Free Discharge
Sw.14	Outlet	7.000	Free Discharge
Sw.12	Outlet	6.000	Free Discharge
Sw.13	Outlet	6.001	Free Discharge
Sw.15	Outlet	6.002	Free Discharge
Sw.20	Outlet	1.011	Free Discharge
Sw.21	Outlet	1.012	Free Discharge
Sw.08	Outlet	1.006	Free Discharge
Sw.10	Outlet	4.001	Free Discharge
Sw.11	Outlet	4.002	Free Discharge
Sd.02	Outlet	8.002	Free Discharge
Sd.03	Outlet	8.003	Free Discharge
Sd.04	Outlet	8.004	Free Discharge
Sd.05	Outlet	8.005	Free Discharge
Sw.17	Outlet	1.008	Free Discharge

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
	Report Details: Type: Stormwater Controls Storm Phase: Shared System PR'd		
Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			





DRIVE THROUGH permeable paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	135.120
Depth (m)	0.630
Base Level (m)	134.490
Paving Layer Depth (mm)	130
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	111.000
Long. Slope (1:X)	10000.00
Width (m)	21.000
Total Volume (m³)	355.142

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	300
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Drive Thru Catchment Area
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	Pipe
Outlet Type	Free Discharge

Advanced

Conductivity (m/hr)	50.0
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Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
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	Report Details: Type: Stormwater Controls Storm Phase: Shared System PR'd		
Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			



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ALDI Cellular Storage

Type : Cellular Storage

Dimensions

Exceedance Level (m)	134.420
Depth (m)	1.000
Base Level (m)	132.490
Number of Crates Long	50
Number of Crates Wide	12
Number of Crates High	2
Porosity (%)	96
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.5
Total Volume (m³)	576.930

Inlets

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	1.004
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	1.005
Outlet Type	Free Discharge

Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026			
		Designed by: CAP	Checked by: CJ	Approved By: AMR	
Report Details: Type: Connections Storm Phase: Shared System PR'd		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			

Name	From	To	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)
4.001	Sw.10	Sw.11	15.347	Pipe	76.736		0.6	300
1.006	Sw.08	Sw.16 ALDI flow control	11.571	Pipe	0.000		0.6	450
1.000	Sw.01	Sw.02	20.239	Pipe	202.387		0.6	225
Pipe	DRIVE THROUGH permeable paving	Sd.01 Drive thru flow control	9.735	Pipe	15.306		0.6	300
2.000	Sw.03	Sw.04	10.771	Pipe	16.319		0.6	150
1.001	Sw.02	Sw.04	18.702	Pipe	207.804		0.6	225
4.000	Sw.09	Sw.10	61.646	Pipe	40.239		0.6	225
1.009	Sw.18	Sw.19	70.805	Pipe	149.378		0.6	150
1.002	Sw.04	Sw.06	35.371	Pipe	186.164		0.6	225
3.000	Sw.05	Sw.06	8.700	Pipe	24.857		0.6	150
1.003	Sw.06	Sw.07	5.187	Pipe	32.417		0.6	225
1.004	Sw.07	ALDI Cellular Storage	3.194	Pipe	0.000		0.6	450
7.000	Sw.14	Sw.15	53.152	Pipe	53.152		0.6	150
6.002	Sw.15	Sw.16 ALDI flow control	20.740	Pipe	66.903		0.6	450
6.000	Sw.12	Sw.13	49.095	Pipe	54.550		0.6	225
6.001	Sw.13	Sw.15	14.172	Pipe	141.715		0.6	300
1.010	Sw.19	Sw.20	66.113	Pipe	149.916		0.6	150
1.011	Sw.20	Sw.21	45.213	Pipe	150.209		0.6	150
1.012	Sw.21	POC 5917	17.254	Pipe	150.039		0.6	150
1.007	Sw.16 ALDI flow control	Sw.17	2.821	Pipe	148.478		0.6	150
1.005	ALDI Cellular Storage	Sw.08	4.940	Pipe	0.000		0.6	450
8.001	Sd.01 Drive thru flow control	Sd.02	31.565	Pipe	149.596		0.6	150
4.002	Sw.11	Sw.16 ALDI flow control	19.122	Pipe	61.683		0.6	300
8.002	Sd.02	Sd.03	37.924	Pipe	148.721		0.6	150
8.003	Sd.03	Sd.04	40.838	Pipe	149.590		0.6	150
8.004	Sd.04	Sd.05	59.058	Pipe	149.136		0.6	150
8.005	Sd.05	Sw.17	36.292	Pipe	146.338		0.6	150
1.008	Sw.17	Sw.18	5.228	Pipe	149.361		0.6	150
5.000	HGV ramp channel	Sw.16 ALDI flow control	25.368	Pipe	26.844		0.6	150

Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026	
		Designed by: CAP	Checked by: CJ
		Approved By: AMR	
Report Details: Type: Connections Storm Phase: Shared System PR'd		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield	



Name	Upstream Cover Level (m)	Upstream Invert Level (m)	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)
4.001	134.686	133.000	134.626	132.800		None	
1.006	134.393	132.490	134.251	132.490		None	
1.000	135.792	133.030	135.101	132.930		None	
Pipe	135.131	134.490	135.786	133.854		None	
2.000	135.421	133.500	135.307	132.840		None	
1.001	135.101	132.930	135.307	132.840		None	
4.000	135.340	134.532	134.686	133.000		None	
1.009	133.896	132.436	133.760	131.962		None	
1.002	135.307	132.840	135.300	132.650		None	
3.000	135.400	133.000	135.300	132.650		None	
1.003	135.300	132.650	135.256	132.490		None	
1.004	135.256	132.490	134.420	132.490		None	
7.000	135.110	133.800	134.315	132.800		None	
6.002	134.315	132.800	134.251	132.490		None	
6.000	135.022	133.800	134.278	132.900		None	
6.001	134.278	132.900	134.315	132.800		None	
1.010	133.760	131.962	133.530	131.521		None	
1.011	133.530	131.521	132.780	131.220		None	
1.012	132.780	131.220	132.655	131.105		None	
1.007	134.251	132.490	134.142	132.471		None	0.7
1.005	134.420	132.490	134.393	132.490		None	
8.001	135.786	133.854	135.679	133.643		None	0.4
4.002	134.626	132.800	134.251	132.490		None	
8.002	135.679	133.643	135.461	133.388		None	
8.003	135.461	133.388	135.082	133.115		None	
8.004	135.082	133.115	134.310	132.719		None	
8.005	134.310	132.719	134.142	132.471		None	
1.008	134.142	132.471	133.896	132.436		None	
5.000	134.070	133.435	134.251	132.490		None	

Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026	
		Designed by: CAP	Checked by: CJ
Report Details: Type: Inflow Summary Storm Phase: Shared System PR'd		Approved By: AMR	
		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield	



Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
ALDI Roof A	Sw.09		Time of Concentration	0.109	100	0	100	0.109
ALDI Roof B	Sw.10		Time of Concentration	0.088	100	0	100	0.088
Catchment Area 1	Sw.01		Time of Concentration	0.020	100	0	100	0.020
Catchment Area 2	Sw.02		Time of Concentration	0.018	100	0	100	0.018
Catchment Area 3	Sw.04		Time of Concentration	0.021	100	0	100	0.021
Catchment Area 4	Sw.03		Time of Concentration	0.010	100	0	100	0.010
Catchment Area 5	Sw.03		Time of Concentration	0.016	100	0	100	0.016
Catchment Area 6	Sw.05		Time of Concentration	0.017	100	0	100	0.017
Catchment Area 7	Sw.06		Time of Concentration	0.043	100	0	100	0.043
Catchment Area 8	Sw.12		Time of Concentration	0.010	100	0	100	0.010
Catchment Area 9	Sw.13		Time of Concentration	0.051	100	0	100	0.051
Catchment Area 10	Sw.15		Time of Concentration	0.047	100	0	100	0.047
Catchment Area 11	Sw.15		Time of Concentration	0.063	100	0	100	0.063
Catchment Area 12	Sw.16 ALDI flow control		Time of Concentration	0.069	100	0	100	0.069
Drive Thru Catchment Area	DRIVE THROUGH permeable paving		Time of Concentration	0.301	100	0	100	0.301
HGV ramp	HGV ramp channel		Time of Concentration	0.013	100	0	100	0.013
Plant Area Catchment Area	Sw.10		Time of Concentration	0.008	100	0	100	0.008
TOTAL		0.0		0.906				0.906

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
	Designed by: CAP	Checked by: CJ	Approved By: AMR
Report Details: Type: Rainfall Analysis Criteria	Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield		

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Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall	
FEH	Type: FEH
Site Location	GB 401773 162576 SU 01773 62576
Rainfall Version	2022
Summer	☒
Winter	☒

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

Storm Durations	
Duration (mins)	Run Time (mins)
15	5760
30	5760
60	5760
120	5760
240	5760
360	5760
480	5760
960	5760
1440	5760

Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Junctions Summary
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
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Approved By:
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Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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

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
HGV ramp channel	FEH: 100 years: +45 %: 15 mins: Winter	134.070	133.435	133.551	0.116	8.4	0.008	0.000	8.5	3.892	OK
Sw.16 ALDI flow control	FEH: 100 years: +45 %: 1440 mins: Winter	134.251	132.490	133.815	1.325	13.8	1.499	0.000	0.7	632.183	Surcharged
Sw.01	FEH: 100 years: +45 %: 30 mins: Winter	135.792	133.030	133.104	0.074	8.7	0.084	0.000	8.7	7.985	OK
Sd.01 Drive thru flow control	FEH: 100 years: +45 %: 960 mins: Summer	135.786	133.854	134.959	1.105	1.2	1.250	0.000	0.3	95.344	Surcharged
Sw.02	FEH: 100 years: +45 %: 30 mins: Winter	135.101	132.930	133.057	0.127	16.5	0.144	0.000	16.5	15.226	OK
Sw.04	FEH: 100 years: +45 %: 15 mins: Winter	135.307	132.840	133.171	0.331	42.2	0.374	0.000	39.2	25.803	Surcharged
Sw.18	FEH: 100 years: +45 %: 1440 mins: Winter	133.896	132.436	132.463	0.027	1.0	0.031	0.000	1.0	295.488	OK
Sw.19	FEH: 100 years: +45 %: 1440 mins: Winter	133.760	131.962	131.989	0.027	1.0	0.031	0.000	1.0	295.328	OK
Sw.03	FEH: 100 years: +45 %: 15 mins: Winter	135.421	133.500	133.563	0.063	16.6	0.071	0.000	16.5	7.676	OK
Sw.06	FEH: 100 years: +45 %: 15 mins: Winter	135.300	132.650	132.940	0.290	78.0	0.328	0.000	78.5	43.730	Surcharged
Sw.07	FEH: 100 years: +45 %: 30 mins: Winter	135.256	132.490	132.887	0.397	60.3	0.448	0.000	88.9	57.851	OK
Sw.05	FEH: 100 years: +45 %: 15 mins: Winter	135.400	133.000	133.057	0.057	11.2	0.064	0.000	11.1	5.170	OK
Sw.09	FEH: 100 years: +45 %: 15 mins: Winter	135.340	134.532	134.966	0.434	71.0	0.123	0.000	62.4	32.899	Surcharged
Sw.14	FEH: 100 years: +45 %: 1440 mins: Winter	135.110	133.800	133.815	0.015	0.1	0.017	0.000	0.0	0.031	OK
Sw.12	FEH: 100 years: +45 %: 15 mins: Winter	135.022	133.800	133.844	0.044	6.5	0.050	0.000	6.3	3.030	OK
Sw.13	FEH: 100 years: +45 %: 15 mins: Winter	134.278	132.900	133.558	0.658	39.3	0.744	0.000	39.0	18.815	Surcharged
Sw.15	FEH: 100 years: +45 %: 15 mins: Winter	134.315	132.800	133.532	0.732	110.5	0.828	0.000	110.3	52.143	Surcharged
Sw.20	FEH: 100 years: +45 %: 1440 mins: Winter	133.530	131.521	131.548	0.027	1.0	0.031	0.000	1.0	295.192	OK
Sw.21	FEH: 100 years: +45 %: 1440 mins: Winter	132.780	131.220	131.248	0.028	1.0	0.031	0.000	1.0	295.100	OK
POC 5917	FEH: 100 years: +45 %: 1440 mins: Winter	132.655	131.105	131.132	0.027	1.0	0.000	0.000	1.0	295.100	OK
Sw.08	FEH: 100 years: +45 %: 30 mins: Summer	134.393	132.490	132.952	0.462	187.4	0.523	0.000	1.0	264.084	Surcharged
Sw.10	FEH: 100 years: +45 %: 15 mins: Winter	134.686	133.000	134.036	1.036	125.3	1.171	0.000	122.0	62.023	Surcharged
Sw.11	FEH: 100 years: +45 %: 15 mins: Winter	134.626	132.800	133.783	0.983	122.0	1.111	0.000	120.2	62.018	Surcharged
Sd.02	FEH: 100 years: +45 %: 1440 mins: Summer	135.679	133.643	133.659	0.016	0.3	0.018	0.000	0.3	95.870	OK
Sd.03	FEH: 100 years: +45 %: 960 mins: Summer	135.461	133.388	133.404	0.016	0.3	0.018	0.000	0.3	95.228	OK
Sd.04	FEH: 100 years: +45 %: 1440 mins: Winter	135.082	133.115	133.131	0.016	0.3	0.018	0.000	0.3	99.842	OK
Sd.05	FEH: 100 years: +45 %: 1440 mins: Winter	134.310	132.719	132.734	0.015	0.3	0.017	0.000	0.3	99.777	OK
Sw.17	FEH: 100 years: +45 %: 1440 mins: Winter	134.142	132.471	132.499	0.028	1.0	0.032	0.000	1.0	295.588	OK

Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Junctions Summary
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
CAP

Checked by:
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Approved By:
AMR

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Outflow

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
HGV ramp channel	FEH: 30 years: +40 %: 15 mins: Winter	134.070	133.435	133.478	0.043	6.4	0.003	0.000	6.3	2.944	OK
Sw.16 ALDI flow control	FEH: 30 years: +40 %: 15 mins: Summer	134.251	132.490	133.379	0.889	211.9	1.005	0.000	0.6	188.079	Surcharged
Sw.01	FEH: 30 years: +40 %: 15 mins: Winter	135.792	133.030	133.108	0.078	10.0	0.089	0.000	9.6	4.598	OK
Sd.01 Drive thru flow control	FEH: 30 years: +40 %: 960 mins: Summer	135.786	133.854	134.841	0.987	1.2	1.116	0.000	0.3	89.869	Surcharged
Sw.02	FEH: 30 years: +40 %: 15 mins: Winter	135.101	132.930	133.053	0.123	18.6	0.139	0.000	16.4	8.761	OK
Sw.04	FEH: 30 years: +40 %: 15 mins: Winter	135.307	132.840	133.034	0.194	39.4	0.219	0.000	36.3	19.447	OK
Sw.18	FEH: 30 years: +40 %: 1440 mins: Winter	133.896	132.436	132.461	0.025	0.9	0.028	0.000	0.9	259.504	OK
Sw.19	FEH: 30 years: +40 %: 1440 mins: Winter	133.760	131.962	131.987	0.025	0.9	0.028	0.000	0.9	259.357	OK
Sw.03	FEH: 30 years: +40 %: 15 mins: Winter	135.421	133.500	133.553	0.053	12.6	0.060	0.000	12.4	5.801	OK
Sw.06	FEH: 30 years: +40 %: 15 mins: Winter	135.300	132.650	132.853	0.203	65.6	0.230	0.000	63.9	33.038	OK
Sw.07	FEH: 30 years: +40 %: 30 mins: Winter	135.256	132.490	132.788	0.298	46.2	0.337	0.000	71.5	43.551	OK
Sw.05	FEH: 30 years: +40 %: 15 mins: Winter	135.400	133.000	133.048	0.048	8.4	0.054	0.000	8.3	3.906	OK
Sw.09	FEH: 30 years: +40 %: 15 mins: Winter	135.340	134.532	134.665	0.133	53.7	0.038	0.000	52.9	24.854	OK
Sw.14	FEH: 30 years: +40 %: 15 mins: Summer	135.110	133.800	133.800	0.000	0.0	0.000	0.000	0.0	0.000	OK
Sw.12	FEH: 30 years: +40 %: 15 mins: Winter	135.022	133.800	133.838	0.038	4.9	0.043	0.000	4.8	2.286	OK
Sw.13	FEH: 30 years: +40 %: 15 mins: Winter	134.278	132.900	133.383	0.483	29.7	0.547	0.000	30.7	14.304	Surcharged
Sw.15	FEH: 30 years: +40 %: 15 mins: Winter	134.315	132.800	133.366	0.566	84.8	0.640	0.000	85.9	39.475	Surcharged
Sw.20	FEH: 30 years: +40 %: 1440 mins: Winter	133.530	131.521	131.546	0.025	0.9	0.028	0.000	0.9	259.232	OK
Sw.21	FEH: 30 years: +40 %: 1440 mins: Winter	132.780	131.220	131.245	0.025	0.9	0.029	0.000	0.9	259.149	OK
POC 5917	FEH: 30 years: +40 %: 1440 mins: Winter	132.655	131.105	131.130	0.025	0.9	0.000	0.000	0.9	259.149	OK
Sw.08	FEH: 30 years: +40 %: 360 mins: Summer	134.393	132.490	133.013	0.523	42.3	0.591	0.000	0.7	354.804	Surcharged
Sw.10	FEH: 30 years: +40 %: 15 mins: Winter	134.686	133.000	133.716	0.716	100.5	0.809	0.000	99.2	46.858	Surcharged
Sw.11	FEH: 30 years: +40 %: 15 mins: Winter	134.626	132.800	133.543	0.743	99.2	0.840	0.000	98.8	46.859	Surcharged
Sd.02	FEH: 30 years: +40 %: 960 mins: Winter	135.679	133.643	133.658	0.015	0.3	0.017	0.000	0.3	93.745	OK
Sd.03	FEH: 30 years: +40 %: 960 mins: Summer	135.461	133.388	133.403	0.015	0.3	0.017	0.000	0.3	89.755	OK
Sd.04	FEH: 30 years: +40 %: 1440 mins: Winter	135.082	133.115	133.130	0.015	0.3	0.017	0.000	0.3	92.840	OK
Sd.05	FEH: 30 years: +40 %: 1440 mins: Winter	134.310	132.719	132.734	0.015	0.3	0.017	0.000	0.3	92.778	OK
Sw.17	FEH: 30 years: +40 %: 1440 mins: Winter	134.142	132.471	132.497	0.026	0.9	0.029	0.000	0.9	259.596	OK

Project:
ALDI & Drive-Through Unit
London Road, Devizes

Report Details:
Type: Junctions Summary
Storm Phase: Shared System PR'd

Date:
27/08/2026

Designed by:
CAP

Checked by:
CJ

Approved By:
AMR

Company Address:
Craddys
Bath, Bristol, Cardiff, Exeter, Wakefield

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DRN



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

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
HGV ramp channel	FEH: 2 years: +0 %: 15 mins: Winter	134.070	133.435	133.458	0.023	2.0	0.002	0.000	1.9	0.909	OK
Sw.16 ALDI flow control	FEH: 2 years: +0 %: 15 mins: Winter	134.251	132.490	132.982	0.492	50.2	0.556	0.000	0.4	66.612	Surcharged
Sw.01	FEH: 2 years: +0 %: 15 mins: Winter	135.792	133.030	133.073	0.043	3.1	0.048	0.000	2.9	1.422	OK
Sd.01 Drive thru flow control	FEH: 2 years: +0 %: 1440 mins: Summer	135.786	133.854	134.635	0.781	1.0	0.884	0.000	0.3	78.931	Surcharged
Sw.02	FEH: 2 years: +0 %: 15 mins: Winter	135.101	132.930	132.988	0.058	5.7	0.066	0.000	5.3	2.708	OK
Sw.04	FEH: 2 years: +0 %: 15 mins: Winter	135.307	132.840	132.927	0.087	12.3	0.099	0.000	11.2	5.999	OK
Sw.18	FEH: 2 years: +0 %: 480 mins: Summer	133.896	132.436	132.458	0.022	0.6	0.025	0.000	0.6	175.903	OK
Sw.19	FEH: 2 years: +0 %: 480 mins: Summer	133.760	131.962	131.984	0.022	0.6	0.025	0.000	0.6	175.821	OK
Sw.03	FEH: 2 years: +0 %: 15 mins: Winter	135.421	133.500	133.530	0.030	3.9	0.034	0.000	3.8	1.797	OK
Sw.06	FEH: 2 years: +0 %: 15 mins: Winter	135.300	132.650	132.733	0.083	20.3	0.093	0.000	19.3	10.208	OK
Sw.07	FEH: 2 years: +0 %: 30 mins: Winter	135.256	132.490	132.606	0.116	14.2	0.131	0.000	20.6	13.584	OK
Sw.05	FEH: 2 years: +0 %: 15 mins: Winter	135.400	133.000	133.027	0.027	2.6	0.030	0.000	2.6	1.206	OK
Sw.09	FEH: 2 years: +0 %: 15 mins: Winter	135.340	134.532	134.599	0.067	16.6	0.019	0.000	16.0	7.676	OK
Sw.14	FEH: 2 years: +0 %: 15 mins: Summer	135.110	133.800	133.800	0.000	0.0	0.000	0.000	0.0	0.000	OK
Sw.12	FEH: 2 years: +0 %: 15 mins: Winter	135.022	133.800	133.821	0.021	1.5	0.024	0.000	1.4	0.700	OK
Sw.13	FEH: 2 years: +0 %: 30 mins: Winter	134.278	132.900	132.953	0.053	5.9	0.060	0.000	5.9	5.474	OK
Sw.15	FEH: 2 years: +0 %: 30 mins: Winter	134.315	132.800	132.871	0.071	16.7	0.080	0.000	16.6	15.391	OK
Sw.20	FEH: 2 years: +0 %: 120 mins: Summer	133.530	131.521	131.543	0.022	0.6	0.025	0.000	0.6	119.585	OK
Sw.21	FEH: 2 years: +0 %: 240 mins: Summer	132.780	131.220	131.242	0.022	0.6	0.025	0.000	0.6	152.686	OK
POC 5917	FEH: 2 years: +0 %: 240 mins: Summer	132.655	131.105	131.126	0.021	0.6	0.000	0.000	0.6	152.686	OK
Sw.08	FEH: 2 years: +0 %: 15 mins: Winter	134.393	132.490	132.975	0.485	48.2	0.548	0.000	0.5	65.464	Surcharged
Sw.10	FEH: 2 years: +0 %: 15 mins: Winter	134.686	133.000	133.099	0.099	30.7	0.112	0.000	30.3	14.467	OK
Sw.11	FEH: 2 years: +0 %: 15 mins: Winter	134.626	132.800	133.000	0.200	30.3	0.226	0.000	27.2	14.472	OK
Sd.02	FEH: 2 years: +0 %: 1440 mins: Winter	135.679	133.643	133.657	0.014	0.3	0.016	0.000	0.3	79.260	OK
Sd.03	FEH: 2 years: +0 %: 1440 mins: Summer	135.461	133.388	133.402	0.014	0.3	0.016	0.000	0.3	78.822	OK
Sd.04	FEH: 2 years: +0 %: 1440 mins: Summer	135.082	133.115	133.129	0.014	0.3	0.016	0.000	0.3	78.766	OK
Sd.05	FEH: 2 years: +0 %: 1440 mins: Winter	134.310	132.719	132.733	0.014	0.3	0.016	0.000	0.3	79.099	OK
Sw.17	FEH: 2 years: +0 %: 360 mins: Summer	134.142	132.471	132.493	0.022	0.6	0.025	0.000	0.6	168.338	OK

Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026			
		Designed by: CAP	Checked by: CJ		Approved By: AMR
Report Details: Type: Stormwater Controls Summary Storm Phase: Shared System PR'd		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			



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

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 (%)
ALDI Cellular Storage	FEH: 100 years: +45 %: 1440 mins: Winter	133.815	133.815	1.325	1.325	18.1	576.511	0.000	0.000	0.7	152.955		0.073
DRIVE THROUGH permeable paving	FEH: 100 years: +45 %: 1440 mins: Winter	134.989	134.989	0.488	0.499	10.7	345.130	0.000	0.000	1.0	101.731		2.819

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
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Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			

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Status
OK
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Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Shared System PR'd		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			



FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

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 (%)
ALDI Cellular Storage	FEH: 30 years: +40 %: 1440 mins: Winter	133.232	133.232	0.742	0.742	13.3	427.621	0.000	0.000	0.5	128.543		25.880
DRIVE THROUGH permeable paving	FEH: 30 years: +40 %: 1440 mins: Winter	134.860	134.860	0.359	0.370	8.0	254.867	0.000	0.000	1.0	94.580		28.235

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
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Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			

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Project: ALDI & Drive-Through Unit London Road, Devizes		Date: 27/08/2026			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Shared System PR'd		Company Address: Craddys Bath, Bristol, Cardiff, Exeter, Wakefield			



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

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 (%)
ALDI Cellular Storage	FEH: 2 years: +0 %: 1440 mins: Winter	132.784	132.784	0.294	0.294	5.4	169.330	0.000	0.000	0.3	76.780		70.650
DRIVE THROUGH permeable paving	FEH: 2 years: +0 %: 1440 mins: Summer	134.636	134.635	0.134	0.145	5.1	97.751	0.000	0.000	1.0	80.242		72.476

Project: ALDI & Drive-Through Unit London Road, Devizes	Date: 27/08/2026		
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