

Project: John Barker Place Phase 3		Date: 17/09/0025		 Infrastruct CS Ltd	
Report Title: Rainfall Analysis Criteria		Designed by: AA	Checked by: MBD		Approved By: R JW
		Infrastruct CS Ltd: The Stable, High Cogges Farm High Cogges Oxon			

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	10
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall

FEH Type: FEH

Site Location	GB 518800 229750 TL 18800 29750
Rainfall Version	2022
Summer	☒
Winter	☒

Return Period

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

Storm Durations

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

Project: John Barker Place Phase 3	Date: 17/09/0025		
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Report Details: Type: Inflows Summary Storm Phase: Phase	Infrastruct CS Ltd: The Stable, High Cogges Farm High Cogges Oxon		


 Infrastruct CS Ltd



FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 100 years: +40 %: 15 mins: Summer	0.03	25.5	11.050
Catchment Area (1)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	13.0	5.654
Catchment Area (2)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	13.0	5.642
Catchment Area (3)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	17.3	7.490
Catchment Area (4)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.9	3.431
Catchment Area (5)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	7.9	3.440
Catchment Area (8)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	4.3	1.860
Catchment Area (9)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	4.3	1.887
Catchment Area (10)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	4.8	2.091
Catchment Area (11)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	4.8	2.091
Catchment Area (12)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	4.8	2.091
Catchment Area (13)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	4.8	2.091
Catchment Area (14)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	4.9	2.124
Catchment Area (15)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	5.8	2.517
Catchment Area (16)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.8	1.671
Catchment Area (17)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	4.3	1.887
Catchment Area (18)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.0	1.293
Catchment Area (19)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	6.1	2.628
Catchment Area (20)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.8	1.662
Catchment Area (21)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.9	1.674
Catchment Area (22)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	3.8	1.638

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Catchment Area (23)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	2.8	1.215
Catchment Area (24)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	2.8	1.227
Catchment Area (25)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	1.9	0.822
Catchment Area (26)	FEH: 100 years: +40 %: 15 mins: Summer	0.00	2.8	1.227
Catchment Area (27)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	11.8	5.111
Catchment Area (28)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	31.8	13.780
Catchment Area (29)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	14.2	6.164
Catchment Area (30)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	16.2	7.022
Catchment Area (31)	FEH: 100 years: +40 %: 15 mins: Summer	0.04	34.1	14.779
Catchment Area (32)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	16.0	6.950
Catchment Area (33)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	15.1	6.560
Catchment Area (34)	FEH: 100 years: +40 %: 15 mins: Summer	0.02	18.9	8.183
Catchment Area (6)	FEH: 100 years: +40 %: 15 mins: Summer	0.01	11.0	4.781
Catchment Area (35)	FEH: 100 years: +40 %: 15 mins: Summer	0.03	31.0	13.450

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

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 100 years: +0 %: 15 mins: Summer	0.03	18.2	7.897
Catchment Area (1)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	9.3	4.037
Catchment Area (2)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	9.3	4.034
Catchment Area (3)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	12.3	5.348
Catchment Area (4)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.6	2.453
Catchment Area (5)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	5.7	2.459
Catchment Area (8)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	3.1	1.329
Catchment Area (9)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	3.1	1.347
Catchment Area (10)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	3.4	1.497
Catchment Area (11)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	3.4	1.497
Catchment Area (12)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	3.4	1.497
Catchment Area (13)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	3.4	1.497
Catchment Area (14)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	3.5	1.518
Catchment Area (15)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	4.1	1.796
Catchment Area (16)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.7	1.191
Catchment Area (17)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	3.1	1.347
Catchment Area (18)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.1	0.924
Catchment Area (19)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	4.3	1.874
Catchment Area (20)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.7	1.191
Catchment Area (21)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.8	1.194
Catchment Area (22)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.7	1.170

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Catchment Area (23)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.0	0.864
Catchment Area (24)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.0	0.876
Catchment Area (25)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	1.4	0.588
Catchment Area (26)	FEH: 100 years: +0 %: 15 mins: Summer	0.00	2.0	0.876
Catchment Area (27)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	8.4	3.650
Catchment Area (28)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	22.7	9.840
Catchment Area (29)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	10.1	4.406
Catchment Area (30)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.6	5.015
Catchment Area (31)	FEH: 100 years: +0 %: 15 mins: Summer	0.04	24.3	10.557
Catchment Area (32)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	11.4	4.964
Catchment Area (33)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	10.8	4.685
Catchment Area (34)	FEH: 100 years: +0 %: 15 mins: Summer	0.02	13.5	5.848
Catchment Area (6)	FEH: 100 years: +0 %: 15 mins: Summer	0.01	7.9	3.413
Catchment Area (35)	FEH: 100 years: +0 %: 15 mins: Summer	0.03	22.1	9.603

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

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 30 years: +0 %: 15 mins: Summer	0.03	14.4	6.266
Catchment Area (1)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	7.4	3.202
Catchment Area (2)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	7.4	3.202
Catchment Area (3)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	9.8	4.249
Catchment Area (4)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.5	1.949
Catchment Area (5)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	4.5	1.952
Catchment Area (8)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.4	1.055
Catchment Area (9)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.5	1.070
Catchment Area (10)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	2.7	1.187
Catchment Area (11)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	2.7	1.187
Catchment Area (12)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	2.7	1.187
Catchment Area (13)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	2.7	1.187
Catchment Area (14)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	2.8	1.205
Catchment Area (15)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	3.3	1.424
Catchment Area (16)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.2	0.950
Catchment Area (17)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.5	1.070
Catchment Area (18)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.7	0.738
Catchment Area (19)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	3.4	1.487
Catchment Area (20)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.2	0.941
Catchment Area (21)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.2	0.950
Catchment Area (22)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	2.1	0.929

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Catchment Area (23)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.6	0.687
Catchment Area (24)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.6	0.696
Catchment Area (25)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.1	0.468
Catchment Area (26)	FEH: 30 years: +0 %: 15 mins: Summer	0.00	1.6	0.696
Catchment Area (27)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	6.7	2.902
Catchment Area (28)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	18.0	7.816
Catchment Area (29)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	8.1	3.496
Catchment Area (30)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	9.2	3.982
Catchment Area (31)	FEH: 30 years: +0 %: 15 mins: Summer	0.04	19.3	8.383
Catchment Area (32)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	9.1	3.943
Catchment Area (33)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	8.6	3.724
Catchment Area (34)	FEH: 30 years: +0 %: 15 mins: Summer	0.02	10.7	4.641
Catchment Area (6)	FEH: 30 years: +0 %: 15 mins: Summer	0.01	6.2	2.710
Catchment Area (35)	FEH: 30 years: +0 %: 15 mins: Summer	0.03	17.6	7.628

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FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area	FEH: 10 years: +0 %: 15 mins: Summer	0.03	10.9	4.736
Catchment Area (1)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	5.6	2.419
Catchment Area (2)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	5.6	2.419
Catchment Area (3)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	7.4	3.205
Catchment Area (4)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	3.4	1.469
Catchment Area (5)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	3.4	1.478
Catchment Area (8)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.8	0.797
Catchment Area (9)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.9	0.803
Catchment Area (10)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.1	0.896
Catchment Area (11)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.1	0.896
Catchment Area (12)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.1	0.896
Catchment Area (13)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.1	0.896
Catchment Area (14)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.1	0.911
Catchment Area (15)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.5	1.076
Catchment Area (16)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.6	0.716
Catchment Area (17)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.9	0.806
Catchment Area (18)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.3	0.552
Catchment Area (19)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	2.6	1.127
Catchment Area (20)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.6	0.716
Catchment Area (21)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.6	0.716
Catchment Area (22)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.6	0.701

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Catchment Area (23)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.2	0.522
Catchment Area (24)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.2	0.525
Catchment Area (25)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	0.8	0.351
Catchment Area (26)	FEH: 10 years: +0 %: 15 mins: Summer	0.00	1.2	0.525
Catchment Area (27)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	5.0	2.188
Catchment Area (28)	FEH: 10 years: +0 %: 15 mins: Summer	0.04	13.6	5.906
Catchment Area (29)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	6.1	2.638
Catchment Area (30)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	6.9	3.007
Catchment Area (31)	FEH: 10 years: +0 %: 15 mins: Summer	0.04	14.6	6.334
Catchment Area (32)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	6.9	2.980
Catchment Area (33)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	6.5	2.809
Catchment Area (34)	FEH: 10 years: +0 %: 15 mins: Summer	0.02	8.1	3.507
Catchment Area (6)	FEH: 10 years: +0 %: 15 mins: Summer	0.01	4.7	2.047
Catchment Area (35)	FEH: 10 years: +0 %: 15 mins: Summer	0.03	13.3	5.759

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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Designed by: AA </td> <td style="width: 50%; vertical-align: top;"> Checked by: MBD </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> Approved By: RJW </td> </tr> </table>				Designed by: AA	Checked by: MBD
Designed by: AA	Checked by: MBD				
Approved By: RJW					
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Infrastruct CS Ltd: The Stable, High Cogges Farm High Cogges Oxon				



FEH: 100 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Flooded Volume

Stormwater Control	Storm Event	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S11-Attenuation Tank	FEH: 100 years: +40 %: 15 mins: Summer	66.752	0.309	75.5	58.748	0.000	0.1	0.163		74.408	OK
Porous Paving	FEH: 100 years: +40 %: 15 mins: Summer	68.209	0.059	3.8	0.758	0.000	1.9	0.956		81.422	OK
Porous Paving (1)	FEH: 100 years: +40 %: 15 mins: Summer	68.219	0.059	3.9	0.772	0.000	1.9	0.980		81.489	OK
Porous Paving (2)	FEH: 100 years: +40 %: 15 mins: Summer	68.162	0.062	3.8	0.803	0.000	1.8	0.950		80.667	OK
Porous Paving (3)	FEH: 100 years: +40 %: 15 mins: Summer	68.035	0.085	6.1	1.716	0.000	1.8	1.032		73.505	OK
Porous Paving (4)	FEH: 100 years: +40 %: 15 mins: Summer	67.894	0.064	3.0	0.624	0.000	1.4	0.800		79.971	OK
Porous Paving (5)	FEH: 100 years: +40 %: 15 mins: Summer	68.179	0.079	4.3	1.165	0.000	1.4	0.838		75.178	OK
Porous Paving (6)	FEH: 100 years: +40 %: 15 mins: Summer	68.414	0.064	3.8	0.827	0.000	1.8	0.949		80.136	OK
Porous Paving (7)	FEH: 100 years: +40 %: 15 mins: Summer	69.033	0.083	5.8	1.629	0.000	1.8	0.997		74.052	OK
Porous Paving (8)	FEH: 100 years: +40 %: 15 mins: Summer	69.231	0.081	4.9	1.342	0.000	1.6	0.894		74.662	OK
Porous Paving (9)	FEH: 100 years: +40 %: 15 mins: Summer	69.231	0.081	4.8	1.318	0.000	1.6	0.887		74.665	OK
Porous Paving (10)	FEH: 100 years: +40 %: 15 mins: Summer	69.031	0.081	4.8	1.316	0.000	1.6	0.888		74.779	OK
Porous Paving (11)	FEH: 100 years: +40 %: 15 mins: Summer	69.181	0.081	4.8	1.319	0.000	1.5	0.886		74.727	OK
Porous Paving (12)	FEH: 100 years: +40 %: 15 mins: Summer	69.231	0.081	4.8	1.318	0.000	1.6	0.886		74.747	OK
Porous Paving (13)	FEH: 100 years: +40 %: 15 mins: Summer	69.330	0.080	4.3	1.174	0.000	1.4	0.831		75.036	OK
Porous Paving (14)	FEH: 100 years: +40 %: 15 mins: Summer	69.131	0.081	4.3	1.161	0.000	1.4	0.818		74.717	OK
Porous Paving (15)	FEH: 100 years: +40 %: 15 mins: Summer	68.610	0.060	2.8	0.565	0.000	1.4	0.771		81.145	OK
Porous Paving (16)	FEH: 100 years: +40 %: 15 mins: Summer	68.541	0.061	2.8	0.576	0.000	1.4	0.764		80.913	OK
Porous Paving (17)	FEH: 100 years: +40 %: 15 mins: Summer	68.506	0.056	1.9	0.356	0.000	1.0	0.587		82.471	OK
Porous Paving (18)	FEH: 100 years: +40 %: 15 mins: Summer	68.319	0.059	2.8	0.556	0.000	1.4	0.762		81.599	OK

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

Stormwater Control	Storm Event	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S11-Attenuation Tank	FEH: 100 years: +0 %: 15 mins: Summer	66.665	0.222	49.5	42.187	0.000	0.0	0.184		81.622	OK
Porous Paving	FEH: 100 years: +0 %: 15 mins: Summer	68.194	0.044	2.7	0.556	0.000	1.3	0.656		86.361	OK
Porous Paving (1)	FEH: 100 years: +0 %: 15 mins: Summer	68.203	0.043	2.8	0.565	0.000	1.4	0.672		86.438	OK
Porous Paving (2)	FEH: 100 years: +0 %: 15 mins: Summer	68.146	0.046	2.7	0.590	0.000	1.3	0.653		85.781	OK
Porous Paving (3)	FEH: 100 years: +0 %: 15 mins: Summer	68.012	0.062	4.3	1.250	0.000	1.3	0.698		80.690	OK
Porous Paving (4)	FEH: 100 years: +0 %: 15 mins: Summer	67.878	0.048	2.1	0.464	0.000	1.0	0.539		85.128	OK
Porous Paving (5)	FEH: 100 years: +0 %: 15 mins: Summer	68.158	0.058	3.1	0.855	0.000	1.0	0.559		81.782	OK
Porous Paving (6)	FEH: 100 years: +0 %: 15 mins: Summer	68.397	0.047	2.7	0.608	0.000	1.2	0.647		85.396	OK
Porous Paving (7)	FEH: 100 years: +0 %: 15 mins: Summer	69.010	0.060	4.1	1.186	0.000	1.3	0.675		81.110	OK
Porous Paving (8)	FEH: 100 years: +0 %: 15 mins: Summer	69.209	0.059	3.5	0.983	0.000	1.1	0.601		81.449	OK
Porous Paving (9)	FEH: 100 years: +0 %: 15 mins: Summer	69.209	0.059	3.4	0.967	0.000	1.1	0.597		81.409	OK
Porous Paving (10)	FEH: 100 years: +0 %: 15 mins: Summer	69.009	0.059	3.4	0.965	0.000	1.1	0.597		81.501	OK
Porous Paving (11)	FEH: 100 years: +0 %: 15 mins: Summer	69.159	0.059	3.4	0.968	0.000	1.1	0.596		81.458	OK
Porous Paving (12)	FEH: 100 years: +0 %: 15 mins: Summer	69.209	0.059	3.4	0.967	0.000	1.1	0.596		81.474	OK
Porous Paving (13)	FEH: 100 years: +0 %: 15 mins: Summer	69.309	0.059	3.1	0.862	0.000	1.0	0.554		81.660	OK
Porous Paving (14)	FEH: 100 years: +0 %: 15 mins: Summer	69.109	0.059	3.1	0.854	0.000	1.0	0.544		81.399	OK
Porous Paving (15)	FEH: 100 years: +0 %: 15 mins: Summer	68.594	0.044	2.0	0.416	0.000	1.0	0.523		86.101	OK
Porous Paving (16)	FEH: 100 years: +0 %: 15 mins: Summer	68.525	0.045	2.0	0.426	0.000	0.9	0.517		85.894	OK
Porous Paving (17)	FEH: 100 years: +0 %: 15 mins: Summer	68.492	0.042	1.4	0.268	0.000	0.7	0.395		86.798	OK
Porous Paving (18)	FEH: 100 years: +0 %: 15 mins: Summer	68.303	0.043	2.0	0.408	0.000	1.0	0.516		86.505	OK

Project: John Barker Place Phase 3	Date: 17/09/0025	 Infrastruct CS Ltd			
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Designed by: AA	Checked by: MBD		Approved By: RJW		
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase					



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

Stormwater Control	Storm Event	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S11-Attenuation Tank	FEH: 30 years: +0 %: 15 mins: Summer	66.615	0.172	35.7	32.654	0.000	1.7	0.208		85.775	OK
Porous Paving	FEH: 30 years: +0 %: 15 mins: Summer	68.185	0.035	2.1	0.449	0.000	1.0	0.510		88.999	OK
Porous Paving (1)	FEH: 30 years: +0 %: 15 mins: Summer	68.195	0.035	2.2	0.457	0.000	1.1	0.524		89.046	OK
Porous Paving (2)	FEH: 30 years: +0 %: 15 mins: Summer	68.137	0.037	2.2	0.476	0.000	1.0	0.503		88.535	OK
Porous Paving (3)	FEH: 30 years: +0 %: 15 mins: Summer	68.000	0.050	3.4	1.005	0.000	1.0	0.536		84.481	OK
Porous Paving (4)	FEH: 30 years: +0 %: 15 mins: Summer	67.869	0.039	1.7	0.379	0.000	0.7	0.416		87.838	OK
Porous Paving (5)	FEH: 30 years: +0 %: 15 mins: Summer	68.147	0.047	2.5	0.690	0.000	0.8	0.428		85.296	OK
Porous Paving (6)	FEH: 30 years: +0 %: 15 mins: Summer	68.388	0.038	2.2	0.495	0.000	0.9	0.503		88.105	OK
Porous Paving (7)	FEH: 30 years: +0 %: 15 mins: Summer	68.998	0.048	3.3	0.951	0.000	1.0	0.519		84.850	OK
Porous Paving (8)	FEH: 30 years: +0 %: 15 mins: Summer	69.198	0.048	2.8	0.791	0.000	0.9	0.459		85.063	OK
Porous Paving (9)	FEH: 30 years: +0 %: 15 mins: Summer	69.198	0.048	2.7	0.778	0.000	0.8	0.456		85.041	OK
Porous Paving (10)	FEH: 30 years: +0 %: 15 mins: Summer	68.998	0.048	2.7	0.777	0.000	0.9	0.456		85.121	OK
Porous Paving (11)	FEH: 30 years: +0 %: 15 mins: Summer	69.148	0.048	2.7	0.779	0.000	0.8	0.455		85.082	OK
Porous Paving (12)	FEH: 30 years: +0 %: 15 mins: Summer	69.198	0.048	2.7	0.778	0.000	0.8	0.457		85.096	OK
Porous Paving (13)	FEH: 30 years: +0 %: 15 mins: Summer	69.297	0.047	2.5	0.697	0.000	0.8	0.422		85.183	OK
Porous Paving (14)	FEH: 30 years: +0 %: 15 mins: Summer	69.098	0.048	2.4	0.690	0.000	0.7	0.415		84.973	OK
Porous Paving (15)	FEH: 30 years: +0 %: 15 mins: Summer	68.586	0.036	1.6	0.337	0.000	0.8	0.403		88.742	OK
Porous Paving (16)	FEH: 30 years: +0 %: 15 mins: Summer	68.517	0.037	1.6	0.346	0.000	0.7	0.398		88.550	OK
Porous Paving (17)	FEH: 30 years: +0 %: 15 mins: Summer	68.485	0.035	1.1	0.220	0.000	0.5	0.302		89.180	OK
Porous Paving (18)	FEH: 30 years: +0 %: 15 mins: Summer	68.295	0.035	1.6	0.330	0.000	0.8	0.397		89.068	OK

Project: John Barker Place Phase 3	Date: 17/09/0025	 Infrastruct CS Ltd			
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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase					



FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flooded Volume

Stormwater Control	Storm Event	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S11-Attenuation Tank	FEH: 10 years: +0 %: 15 mins: Summer	66.558	0.115	26.9	21.930	0.000	1.0	0.229		90.447	OK
Porous Paving	FEH: 10 years: +0 %: 15 mins: Summer	68.177	0.027	1.6	0.344	0.000	0.8	0.376		91.569	OK
Porous Paving (1)	FEH: 10 years: +0 %: 15 mins: Summer	68.187	0.027	1.6	0.349	0.000	0.8	0.386		91.621	OK
Porous Paving (2)	FEH: 10 years: +0 %: 15 mins: Summer	68.129	0.029	1.6	0.370	0.000	0.7	0.374		91.086	OK
Porous Paving (3)	FEH: 10 years: +0 %: 15 mins: Summer	67.988	0.038	2.6	0.773	0.000	0.7	0.393		88.062	OK
Porous Paving (4)	FEH: 10 years: +0 %: 15 mins: Summer	67.860	0.030	1.3	0.294	0.000	0.5	0.299		90.584	OK
Porous Paving (5)	FEH: 10 years: +0 %: 15 mins: Summer	68.136	0.036	1.9	0.528	0.000	0.6	0.309		88.745	OK
Porous Paving (6)	FEH: 10 years: +0 %: 15 mins: Summer	68.380	0.030	1.6	0.384	0.000	0.7	0.369		90.774	OK
Porous Paving (7)	FEH: 10 years: +0 %: 15 mins: Summer	68.987	0.037	2.5	0.728	0.000	0.7	0.381		88.406	OK
Porous Paving (8)	FEH: 10 years: +0 %: 15 mins: Summer	69.187	0.037	2.1	0.607	0.000	0.6	0.334		88.538	OK
Porous Paving (9)	FEH: 10 years: +0 %: 15 mins: Summer	69.187	0.037	2.1	0.596	0.000	0.6	0.332		88.535	OK
Porous Paving (10)	FEH: 10 years: +0 %: 15 mins: Summer	68.986	0.036	2.1	0.595	0.000	0.6	0.332		88.601	OK
Porous Paving (11)	FEH: 10 years: +0 %: 15 mins: Summer	69.137	0.037	2.1	0.597	0.000	0.6	0.330		88.567	OK
Porous Paving (12)	FEH: 10 years: +0 %: 15 mins: Summer	69.187	0.037	2.1	0.596	0.000	0.6	0.334		88.579	OK
Porous Paving (13)	FEH: 10 years: +0 %: 15 mins: Summer	69.286	0.036	1.9	0.532	0.000	0.6	0.303		88.681	OK
Porous Paving (14)	FEH: 10 years: +0 %: 15 mins: Summer	69.087	0.037	1.8	0.531	0.000	0.5	0.301		88.438	OK
Porous Paving (15)	FEH: 10 years: +0 %: 15 mins: Summer	68.578	0.028	1.2	0.261	0.000	0.6	0.293		91.290	OK
Porous Paving (16)	FEH: 10 years: +0 %: 15 mins: Summer	68.508	0.028	1.2	0.268	0.000	0.5	0.290		91.119	OK
Porous Paving (17)	FEH: 10 years: +0 %: 15 mins: Summer	68.477	0.027	0.8	0.171	0.000	0.4	0.215		91.589	OK
Porous Paving (18)	FEH: 10 years: +0 %: 15 mins: Summer	68.287	0.027	1.2	0.257	0.000	0.6	0.291		91.512	OK