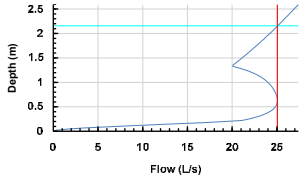
Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Junctions Storm Phase: Storm (1)	Company : CIVIC		

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
MH 02	Outlet	Pipe (1)	Free Discharge
MH 01	Outlet	Pipe	Free Discharge
MH 03	Outlet (1)	Pipe (3)	Free Discharge
MH 05	Outlet	Pipe (10)	Free Discharge
MH06	Outlet	Pipe (17)	Free Discharge
MH 09	Outlet	Pipe (18)	Free Discharge
MH 10	Outlet	Pipe (11)	Free Discharge
MH 04	Outlet	Pipe (9)	Hydro-Brake®

Invert Level (m)	42.405
Design Depth (m)	2.159
Design Flow (L/s)	25.2
Objective	Minimise Upstream Storage Requirements
Application	Surface Water Only
Sump Available	☑
Unit Reference	SHE-0203-2520-2159-2520



MH 08	Outlet	Pipe (16)	Free Discharge
MH 11	Outlet	Pipe (6)	Free Discharge
MH 12	Outlet	Pipe (13)	Free Discharge
MH (EX Tank)	Outlet	Pipe (19)	Free Discharge
MH 01a	Outlet	Pipe (2)	Free Discharge
MH 13	Outlet	Pipe (21)	Free Discharge

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details: Type: Stormwater Controls Storm Phase: Storm (1)	Company : CIVIC		

RG 05 Type : Bioretention

Ponding Area

Exceedance Level (m)	44.800
Depth (m)	0.300
Base Level (m)	44.500
Top Area (m²)	108.18
Side Slope (1:X)	3.00
Base Area (m²)	59.15
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	27.239
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	[redacted]
Friction Scheme	Manning's n
[redacted]	0.15
Total Volume (m³)	53.489

Filter Area

Base Level (m)	42.900

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1200	[redacted]	0.375	Soil Type
	Storage	400	[redacted]	100.0	

Advanced

Ponding Area

Base Perimeter (m)	58.822
Top Perimeter (m)	62.422

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Controls Storm Phase: Storm (1)	CIVIC		



RG 03

Type : Bioretention

Ponding Area

Exceedance Level (m)	44.985
Depth (m)	0.250
Base Level (m)	44.735
Top Area (m²)	36.51
Side Slope (1:X)	2.50
Base Area (m²)	12.41
Freeboard (mm)	
Porosity (%)	100
Length (m)	19.279
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	50.0
Friction Scheme	Manning's n
	0.03
Total Volume (m³)	11.494

Filter Area

Base Level (m)	43.435

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	225
No. of Barrels	
Friction Scheme	Manning's n
	0.15
Release Height (m)	0.000

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	30	0.375	Soil Type
	Storage	300	90	100.0	

Advanced

Ponding Area

Base Perimeter (m)	39.847
Top Perimeter (m)	42.347

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details: Type: Stormwater Controls Storm Phase: Storm (1)	Company : CIVIC		

RG 04 Type : Bioretention

Ponding Area

Exceedance Level (m)	45.103
Depth (m)	0.100
Base Level (m)	45.003
Top Area (m²)	20.73
Side Slope (1:X)	3.00
Base Area (m²)	15.53
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	8.676
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	50.0
Friction Scheme	Manning's n
[redacted]	0.03
Total Volume (m³)	7.870

[redacted]

Filter Area

Base Level (m)	43.703

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	50	0.375	Soil Type
	Storage	300	90	50.0	

[redacted]

Advanced

Ponding Area

Base Perimeter (m)	20.931
Top Perimeter (m)	22.131

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details: Type: Stormwater Controls Storm Phase: Storm (1)	Company : CIVIC		

RG 02 Type : Bioretention

Ponding Area

Exceedance Level (m)	45.037
Depth (m)	0.100
Base Level (m)	44.937
Top Area (m²)	52.05
Side Slope (1:X)	3.00
Base Area (m²)	45.67
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	10.641
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	50.0
Friction Scheme	Manning's n
[redacted]	0.03
Total Volume (m³)	22.697

[redacted]

Filter Area

Base Level (m)	43.637

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	50	0.375	Soil Type
	Storage	300	30	50.0	

[redacted]

Advanced

Ponding Area

Base Perimeter (m)	29.865
Top Perimeter (m)	31.065

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Controls Storm Phase: Storm (1)	CIVIC		

RG 01

Type : Bioretention

Ponding Area

Exceedance Level (m)	45.524
Depth (m)	0.150
Base Level (m)	45.374
Top Area (m²)	87.61
Side Slope (1:X)	3.00
Base Area (m²)	71.84
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	17.522
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	[redacted]
Friction Scheme	Manning's n
[redacted]	0.03
Total Volume (m³)	39.977

Filter Area

Base Level (m)	44.074

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	[redacted]	[redacted]	Soil Type
	Storage	300	80	5.0	

Advanced

Ponding Area

Base Perimeter (m)	43.243
Top Perimeter (m)	45.043

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Controls Storm Phase: Storm (1)	CIVIC		

RG 07

Type : Bioretention

Ponding Area

Exceedance Level (m)	45.182
Depth (m)	0.100
Base Level (m)	45.082
Top Area (m²)	58.60
Side Slope (1:X)	3.00
Base Area (m²)	45.52
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	21.796
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	[redacted]
Friction Scheme	Manning's n
[redacted]	0.03
Total Volume (m³)	21.595

Filter Area

Base Level (m)	43.882

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	[redacted]	0.375	Soil Type
	Storage	200	[redacted]	50.0	

Advanced

Ponding Area

Base Perimeter (m)	47.770
Top Perimeter (m)	48.970

RG 08

Type : Bioretention

Ponding Area

Exceedance Level (m)	45.304
Depth (m)	0.100
Base Level (m)	45.204
Top Area (m²)	296.91
Side Slope (1:X)	3.00
Base Area (m²)	271.85
Freeboard (mm)	[redacted]
Porosity (%)	100
Length (m)	41.764
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	[redacted]
Friction Scheme	Manning's n
[redacted]	0.03
Total Volume (m³)	134.459

Filter Area

Base Level (m)	43.904

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	1000	[redacted]	0.375	Soil Type
	Storage	300	[redacted]	50.0	

Advanced

Ponding Area

Base Perimeter (m)	96.546
Top Perimeter (m)	97.746

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Stormwater Controls Storm Phase: Storm (1)	Company : CIVIC		



PLAY AREA

Type : Porous Paving

Dimensions

Exceedance Level (m)	45.258
Depth (m)	0.400
Base Level (m)	44.858
Paving Layer Depth (mm)	90
Membrane Percolation (m/hr)	0.1
Porosity (%)	30
Length (m)	41.748
Long. Slope (1 X)	1000.00
Width (m)	12.625
Total Volume (m³)	49.533

Under Drain

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

Advanced

Conductivity (m/hr)	250.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Network Design Criteria Storm Phase: Storm (1)	CIVIC		

Flow Options

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

Pipe Options

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

Manhole Options

Apply Offset	☐

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Outfall Details Storm Phase: Storm (1)	Company : CIVIC		

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
CMH 01	Free Discharge			

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

Rainfall

FEH

Type: FEH

Site Location	GB 384366 398274 SJ 84366 98274
Rainfall Version	2022
Summer	✔
Winter	✔

Return Period

Return Period (years)	Increase Rainfall (%)
[redacted]	0.000
[redacted]	0.000
100.0	45.000

Storm Durations

[redacted]

Duration (mins)	Run Time (mins)
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
120	240
[redacted]	360
360	720
600	1200
1440	2880

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Inflows Summary Storm Phase: Storm (1)	Company : CIVIC		

Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area (15)	FEH: 100 years: +45 %: 15 mins: Winter	0.07	38.5	17.858
Catchment Area (11)	FEH: 100 years: +45 %: 15 mins: Winter	0.04	24.5	11.359
Catchment Area (3)	FEH: 100 years: +45 %: 15 mins: Winter	0.07	4.0	1.880
Catchment Area (12)	FEH: 100 years: +45 %: 15 mins: Winter	0.01	6.5	3.032
Catchment Area (2)	FEH: 100 years: +45 %: 15 mins: Winter	0.07	32.6	15.114
Catchment Area (4)	FEH: 100 years: +45 %: 15 mins: Winter	0.09	8.1	3.769
Catchment Area (13)	FEH: 100 years: +45 %: 15 mins: Winter	0.03	18.3	8.477
Catchment Area (5)	FEH: 100 years: +45 %: 15 mins: Winter	0.02	1.4	0.639
Catchment Area (1)	FEH: 100 years: +45 %: 15 mins: Winter	0.08	25.5	11.854
Catchment Area (6)	FEH: 100 years: +45 %: 15 mins: Winter	0.02	8.4	4.351
Catchment Area (7)	FEH: 100 years: +45 %: 15 mins: Winter	0.05	30.7	14.238
Catchment Area (8)	FEH: 100 years: +45 %: 15 mins: Winter	0.02	13.3	6.156
Catchment Area (9)	FEH: 100 years: +45 %: 15 mins: Winter	0.07	4.2	1.952
Catchment Area (10)	FEH: 100 years: +45 %: 15 mins: Winter	0.04	19.0	8.828
Catchment Area (16)	FEH: 100 years: +45 %: 15 mins: Winter	0.08	48.8	22.623

Catchment Area (14)	FEH: 100 years: +45 %: 15 mins: Winter	0.07	40.7	18.913
Catchment Area (17)	FEH: 100 years: +45 %: 15 mins: Winter	0.06	39.2	18.199
Catchment Area (18)	FEH: 100 years: +45 %: 15 mins: Winter	0.03	17.0	7.878

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Junctions Summary Storm Phase: Storm (1)	CIVIC		

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
MH 02	FEH: 100 years: +45 %: 30 mins: Winter	45.048	43.015	43.720	0.705	65.3	0.797	0.000	64.9	67.850	Surcharged
MH 01	FEH: 100 years: +45 %: 30 mins: Winter	45.265	43.068	43.876	0.808	53.9	0.914	0.000	52.5	57.560	Surcharged
MH 03	FEH: 100 years: +45 %: 30 mins: Winter	45.168	42.980	43.538	0.558	64.9	0.631	0.000	64.7	66.513	Surcharged
MH 05	FEH: 100 years: +45 %: 15 mins: Winter	46.105	44.632	44.757	0.125	62.2	0.141	0.000	61.5	28.704	OK
MH06	FEH: 100 years: +45 %: 15 mins: Winter	45.876	43.486	44.225	0.739	61.5	0.836	0.000	40.8	37.792	Surcharged
MH 09	FEH: 100 years: +45 %: 15 mins: Winter	45.537	44.067	44.290	0.223	19.2	0.252	0.000	18.4	9.283	OK
MH 10	FEH: 100 years: +45 %: 30 mins: Summer	45.667	42.522	44.376	1.854	49.5	2.097	0.000	42.9	91.545	Surcharged
MH 04	FEH: 100 years: +45 %: 60 mins: Winter	45.654	42.405	44.490	2.085	37.7	7.222	0.000	25.1	132.038	Surcharged
CMH 01	FEH: 100 years: +45 %: 60 mins: Winter	45.573	42.375	42.516	0.141	25.1	0.000	0.000	25.1	131.969	OK
MH 08	FEH: 100 years: +45 %: 15 mins: Winter	45.426	44.104	44.285	0.181	18.3	0.204	0.000	17.8	8.520	OK
MH 11	FEH: 100 years: +45 %: 15 mins: Winter	45.253	42.722	44.554	1.831	51.4	2.071	0.000	50.0	28.035	Surcharged
MH 12	FEH: 100 years: +45 %: 15 mins: Winter	45.300	42.678	44.442	1.764	50.0	1.995	0.000	49.4	28.321	Surcharged
MH (EX Tank)	FEH: 100 years: +45 %: 60 mins: Winter	45.985	42.624	44.541	1.917	48.3	2.169	0.000	48.5	101.708	Surcharged
MH 01a	FEH: 100 years: +45 %: 60 mins: Winter	45.177	43.121	43.828	0.707	33.5	0.800	0.000	33.8	57.490	Surcharged
MH 13	FEH: 100 years: +45 %: 60 mins: Winter	45.855	43.500	44.306	0.806	48.8	0.911	0.000	13.5	87.056	Surcharged

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Controls Summary Storm Phase: Storm (1)	CIVIC		

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)	Percentage Available (%)	Status
RG 05	FEH: 100 years: +45 %: 60 mins: Winter	44.799	44.780	1.871	1.880	71.4	50.190	0.000	0.000	47.5	96.336	6.168	OK
RG 03	FEH: 100 years: +45 %: 15 mins: Winter	44.904	44.857	1.450	1.422	48.8	6.520	0.000	0.000	42.5	19.414	43.278	OK
RG 04	FEH: 100 years: +45 %: 30 mins: Winter	45.077	45.073	1.365	1.369	16.4	6.709	0.000	0.000	15.3	11.246	14.743	OK
RG 02	FEH: 100 years: +45 %: 60 mins: Winter	45.001	45.000	1.353	1.363	19.5	20.083	0.000	0.000	14.9	18.999	11.515	OK
RG 01	FEH: 100 years: +45 %: 1440 mins: Winter	45.395	44.077	1.304	0.003	0.3	13.482	0.000	0.000	0.0	0.869	66.276	OK
PLAY AREA	FEH: 100 years: +45 %: 1440 mins: Winter	45.155	45.150	0.255	0.292	2.1	43.293	0.000	0.000	1.5	36.282	12.598	OK
RG 07	FEH: 100 years: +45 %: 360 mins: Winter	45.125	45.100	1.221	1.219	2.4	17.054	0.000	0.000	2.3	9.235	21.029	OK
RG 08	FEH: 100 years: +45 %: 120 mins: Winter	45.275	45.262	1.329	1.358	50.8	96.381	0.000	0.000	9.9	21.025	28.319	OK

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Connections Summary Storm Phase: Storm (1)	Company : CIVIC		

Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe (14)	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	RG 04	MH 01	45.112	45.070	0.195	3.070	[redacted]	0.26	[redacted]	Surcharged
Pipe	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	MH 01	MH 02	45.265	43.876	0.225	56.264	[redacted]	1.52	52.5	Surcharged
Pipe (3)	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	MH 03	RG 05	45.188	43.538	0.225	66.512	[redacted]	1.68	64.7	Surcharged
Pipe (9)	FEH: 100 years: +45 %: 60 mins: Winter	Pipe	MH 04	CMH 01	45.654	44.490	0.149	131.969	[redacted]	0.73	25.1	Surcharged
Pipe (10)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH 05	MH06	46.105	44.757	0.225	28.704	[redacted]	0.59	61.5	OK
Pipe (12)	FEH: 100 years: +45 %: 180 mins: Winter	Pipe	RG 07	MH 13	45.203	45.098	0.225	4.854	[redacted]	0.08	[redacted]	Surcharged
Pipe (15)	FEH: 100 years: +45 %: 1440 mins: Winter	Pipe	PLAY AREA	MH 13	45.300	45.132	0.033	36.274	[redacted]	0.01	[redacted]	OK
Pipe (18)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH 09	MH 10	45.537	44.290	0.225	9.022	[redacted]	0.53	18.4	OK
Pipe (16)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH 08	MH 09	45.426	44.285	0.202	8.475	[redacted]	0.52	17.8	OK
Pipe (1)	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	MH 02	MH 03	45.048	43.720	0.225	67.272	[redacted]	1.88	64.9	Surcharged
Pipe (11)	FEH: 100 years: +45 %: 30 mins: Summer	Pipe	MH 10	MH 04	45.667	44.376	0.300	70.935	[redacted]	0.58	42.9	Surcharged
Pipe (4)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	RG 03	MH 01a	45.004	44.872	0.300	17.728	[redacted]	0.11	42.4	OK
Pipe (6)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH 11	MH 12	45.253	44.554	0.225	23.265	[redacted]	1.45	50.0	Surcharged
Pipe (13)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH 12	MH (EX Tank)	45.300	44.442	0.225	21.202	[redacted]	1.43	49.4	Surcharged

Pipe (8)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	RG 08	MH 13	45.346	45.204	0.225	0.000	0.3	0.1	11.9	Surcharged
Pipe (17)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	MH06	MH 10	45.876	44.225	0.225	15.152	1.0	1.18	40.8	Surcharged
Pipe (19)	FEH: 100 years: +45 %: 60 mins: Winter	Pipe	MH (EX Tank)	MH 10	45.985	44.541	0.300	96.653	0.7	0.66	48.5	Surcharged
Pipe (23)	FEH: 100 years: +45 %: 120 mins: Summer	Pipe	RG 05	MH 11	44.827	44.693	0.225	11.742	0.5	0.18	9.8	Surcharged
Pipe (7)	FEH: 100 years: +45 %: 60 mins: Winter	Pipe	RG 02	MH 01a	45.048	44.995	0.225	11.139	0.3	0.07	12.7	OK
Pipe (5)	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	RG 03	MH 01a	45.004	44.850	0.225	4.080	0.2	0.06	5.7	Surcharged
Pipe (2)	FEH: 100 years: +45 %: 60 mins: Winter	Pipe	MH 01a	MH 01	45.177	43.828	0.225	56.129	0.8	0.98	33.8	Surcharged
Pipe (20)	FEH: 100 years: +45 %: 30 mins: Summer	Pipe	RG 02	MH 01a	45.048	44.977	0.225	4.443	0.2	0.07	7.4	Surcharged
Pipe (22)	FEH: 100 years: +45 %: 1440 mins: Winter	Pipe	RG 01	MH 01	45.541	45.375	0.133	0.861	0.0	0	0.0	Surcharged
Pipe (24)	FEH: 100 years: +45 %: 30 mins: Winter	Pipe	RG 04	MH 01	45.112	45.070	0.225	8.914	0.4	0.07	15.3	OK
Pipe (25)	FEH: 100 years: +45 %: 15 mins: Winter	Pipe	RG 05	MH 11	44.827	44.694	0.300	27.385	0.7	0.11	51.4	OK
Pipe (26)	FEH: 100 years: +45 %: 360 mins: Winter	Pipe	RG 07	MH 13	45.203	45.096	0.225	3.126	0.0	0.01	1.4	OK
Pipe (21)	FEH: 100 years: +45 %: 60 mins: Winter	Pipe	MH 13	MH06	45.855	44.306	0.225	0.000	0.8	0.39	13.5	Surcharged



RG 05
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 60 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
[redacted]	[redacted]	1.600	1.600	0.000	0.000	[redacted]
[redacted]	[redacted]	1.600	1.600	2.075	0.000	[redacted]
10	[redacted]	1.600	1.600	3.285	0.000	[redacted]
15	[redacted]	1.600	1.600	4.279	0.000	[redacted]
20	[redacted]	1.600	1.600	5.837	0.000	[redacted]
25	[redacted]	1.745	1.600	12.985	0.000	[redacted]
30	61.8	1.792	1.646	26.608	0.000	10.9
35	[redacted]	1.826	1.716	38.207	0.000	[redacted]
40	68.3	1.847	1.832	45.325	0.000	43.1
45	51.8	1.871	1.880	50.190	0.000	46.7
50	31.4	1.844	1.856	48.039	0.000	47.5
55	19.1	1.778	1.773	41.309	0.000	43.4
60	13.4	1.722	1.675	35.616	0.000	22.7
65	[redacted]	1.685	1.650	33.336	0.000	12.1
70	[redacted]	1.662	1.634	31.877	0.000	[redacted]
75	[redacted]	1.657	1.628	31.455	0.000	[redacted]
80	[redacted]	1.655	1.626	31.329	0.000	[redacted]
85	[redacted]	1.655	1.625	31.290	0.000	[redacted]
90	[redacted]	1.655	1.625	31.278	0.000	[redacted]
95	[redacted]	1.655	1.625	31.274	0.000	[redacted]
100	[redacted]	1.655	1.620	30.752	0.000	[redacted]
105	[redacted]	1.655	1.618	29.688	0.000	[redacted]
110	[redacted]	1.638	1.615	28.936	0.000	[redacted]
115	[redacted]	1.627	1.607	28.295	0.000	[redacted]
120	[redacted]	1.620	1.600	27.857	0.000	[redacted]
[redacted]	[redacted]					[redacted]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		



RG 03
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
[redacted]	[redacted]	1.300	1.300	0.000	0.000	[redacted]
[redacted]	1[redacted]	1.381	1.300	2.205	0.000	[redacted]
10	48.8	1.450	1.422	6.520	0.000	42.5
15	1[redacted]	1.389	1.371	5.733	0.000	1[redacted]
20	[redacted]	1.324	1.321	4.445	0.000	4.4
25	[redacted]	1.300	1.300	3.878	0.000	1.3
30	[redacted]	1.300	1.300	3.485	0.000	1.3
[redacted]	[redacted]					[redacted]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		



RG 04
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 30 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	1.300	1.300	0.000	0.000	0.0
5	8.0	1.300	1.300	0.804	0.000	0.0
10	5.8	1.300	1.300	2.109	0.000	0.0
15	1	1.362	1.300	5.342	0.000	0.7
20	16.4	1.365	1.369	6.709	0.000	15.3
25	8.3	1.338	1.343	6.278	0.000	9.3
30	8.0	1.323	1.325	5.813	0.000	3.3
35	0.0	1.307	1.307	5.537	0.000	1.2
40	0.0	1.302	1.300	5.277	0.000	0.8
45	0.0	1.300	1.300	5.022	0.000	0.8
50	0.0	1.300	1.300	4.768	0.000	0.8
55	0.0	1.300	1.300	4.511	0.000	0.8
60	0.0	1.300	1.300	4.258	0.000	0.8



RG 02
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 60 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
[illegible]	[illegible]	1.300	1.300	0.000	0.000	[illegible]
[illegible]	2.3	1.300	1.300	1.409	0.000	0.0
10	3.7	1.300	1.300	2.321	0.000	0.0
15	4.3	1.300	1.300	3.523	0.000	0.0
20	7.4	1.300	1.300	5.245	0.000	0.0
25	1[illegible]	1.334	1.300	8.318	0.000	0.0
30	19.5	1.336	1.300	13.220	0.000	0.0
35	15.[illegible]	1.340	1.347	18.681	0.000	3.0
40	13.4	1.353	1.363	20.083	0.000	14.9
45	[illegible].4	1.339	1.349	18.874	0.000	1[illegible]
50	4.3	1.325	1.334	18.022	0.000	3.5
55	3.7	1.317	1.325	17.617	0.000	4.0
60	2.3	1.312	1.318	17.332	0.000	3.4
65	0.0	1.304	1.306	16.885	0.000	1.9
70	0.0	1.301	1.300	16.365	0.000	1.7
75	0.0	1.300	1.300	15.844	0.000	1.7
80	0.0	1.300	1.300	15.323	0.000	1.7
85	0.0	1.300	1.300	14.800	0.000	1.7
90	0.0	1.300	1.300	14.278	0.000	1.7
95	0.0	1.300	1.300	13.758	0.000	1.7
100	0.0	1.300	1.300	13.237	0.000	1.7
105	0.0	1.300	1.300	12.717	0.000	1.6
110	0.0	1.300	1.300	12.536	0.000	0.3
115	0.0	1.300	1.300	12.473	0.000	0.2
120	0.0	1.300	1.300	12.421	0.000	0.2
[illegible]	[illegible]					[illegible]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		



RG 01
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 1440 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	1.300	1.300	0.000	0.000	0.0
5	0.0	1.300	1.300	1.724	0.000	0.0
10	0.0	1.300	1.300	1.724	0.000	0.0
15	0.0	1.300	1.300	1.726	0.000	0.0
20	0.0	1.300	1.300	1.730	0.000	0.0
25	0.0	1.300	1.300	1.736	0.000	0.0
30	0.0	1.300	1.300	1.742	0.000	0.0
35	0.0	1.300	1.300	1.749	0.000	0.0
40	0.0	1.300	1.300	1.758	0.000	0.0
45	0.0	1.300	1.300	1.767	0.000	0.0
50	0.0	1.300	1.300	1.778	0.000	0.0
55	0.0	1.300	1.300	1.790	0.000	0.0
60	0.0	1.300	1.300	1.802	0.000	0.0
65	0.0	1.300	1.300	1.814	0.000	0.0
70	0.0	1.300	1.300	1.826	0.000	0.0
75	0.0	1.300	1.300	1.839	0.000	0.0
80	0.0	1.300	1.300	1.854	0.000	0.0
85	0.0	1.300	1.300	1.869	0.000	0.0
90	0.0	1.300	1.300	1.884	0.000	0.0
95	0.0	1.300	1.300	1.899	0.000	0.0
100	0.0	1.300	1.300	1.914	0.000	0.0
105	0.0	1.300	1.300	1.930	0.000	0.0
110	0.0	1.300	1.300	1.949	0.000	0.0
115	0.0	1.300	1.300	1.967	0.000	0.0
120	0.0	1.300	1.300	1.985	0.000	0.0
125	0.0	1.300	1.300	2.003	0.000	0.0
130	0.0	1.300	1.300	2.020	0.000	0.0
135	0.0	1.300	1.300	2.039	0.000	0.0
140	0.0	1.300	1.300	2.057	0.000	0.0
145	0.0	1.300	1.300	2.074	0.000	0.0
150	0.0	1.300	1.300	2.093	0.000	0.0
155	0.0	1.300	1.300	2.111	0.000	0.0
160	0.0	1.300	1.300	2.129	0.000	0.0
165	0.0	1.300	1.300	2.147	0.000	0.0
170	0.0	1.300	1.300	2.165	0.000	0.0
175	0.0	1.300	1.300	2.182	0.000	0.0
180	0.0	1.300	1.300	2.201	0.000	0.0
185	0.0	1.300	1.300	2.218	0.000	0.0
190	0.0	1.300	1.300	2.237	0.000	0.0
195	0.0	1.300	1.300	2.254	0.000	0.0
200	0.0	1.300	1.300	2.272	0.000	0.0
[illegible]	0.0	1.300	1.300	2.290	0.000	0.0
210	0.0	1.300	1.300	2.308	0.000	0.0
215	0.0	1.300	1.300	2.326	0.000	0.0
220	0.0	1.300	1.300	2.344	0.000	0.0
225	0.0	1.300	1.300	2.362	0.000	0.0
230	0.0	1.300	1.300	2.380	0.000	0.0
235	0.0	1.300	1.300	2.399	0.000	0.0
240	0.0	1.300	1.300	2.417	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
245	0.1	1.300	1.300	2.435	0.000	0.0
250	0.1	1.300	1.300	2.452	0.000	0.0
255	0.1	1.300	1.300	2.470	0.000	0.0
260	0.1	1.300	1.300	2.489	0.000	0.0
265	0.1	1.300	1.300	2.506	0.000	0.0
270	0.1	1.300	1.300	2.524	0.000	0.0
275	0.1	1.300	1.300	2.542	0.000	0.0
280	0.1	1.300	1.300	2.560	0.000	0.0
285	0.1	1.300	1.300	2.578	0.000	0.0
290	0.1	1.300	1.300	2.598	0.000	0.0
295	0.1	1.300	1.300	2.619	0.000	0.0
300	0.1	1.300	1.300	2.640	0.000	0.0
305	0.1	1.300	1.300	2.661	0.000	0.0
310	0.1	1.300	1.300	2.682	0.000	0.0
315	0.1	1.300	1.300	2.703	0.000	0.0
320	0.1	1.300	1.300	2.724	0.000	0.0
325	0.1	1.300	1.300	2.745	0.000	0.0
330	0.1	1.300	1.300	2.766	0.000	0.0
335	0.1	1.300	1.300	2.788	0.000	0.0
340	0.1	1.300	1.300	2.812	0.000	0.0
345	0.1	1.300	1.300	2.836	0.000	0.0
350	0.1	1.300	1.300	2.860	0.000	0.0
355	0.1	1.300	1.300	2.884	0.000	0.0
360	0.1	1.300	1.300	2.908	0.000	0.0
365	0.1	1.300	1.300	2.934	0.000	0.0
370	0.1	1.300	1.300	2.961	0.000	0.0
375	0.1	1.300	1.300	2.988	0.000	0.0
380	0.1	1.300	1.300	3.016	0.000	0.0
385	0.1	1.300	1.300	3.046	0.000	0.0
390	0.1	1.300	1.300	3.076	0.000	0.0
395	0.1	1.300	1.300	3.106	0.000	0.0
400	0.1	1.300	1.300	3.136	0.000	0.0
405	0.1	1.300	1.300	3.167	0.000	0.0
410	0.1	1.300	1.300	3.200	0.000	0.0
415	0.1	1.300	1.300	3.233	0.000	0.0
420	0.1	1.300	1.300	3.268	0.000	0.0
425	0.1	1.300	1.300	3.304	0.000	0.0
430	0.1	1.300	1.300	3.340	0.000	0.0
435	0.1	1.300	1.300	3.377	0.000	0.0
440	0.1	1.300	1.300	3.416	0.000	0.0
445	0.1	1.300	1.300	3.455	0.000	0.0
450	0.1	1.300	1.300	3.496	0.000	0.0
455	0.1	1.300	1.300	3.538	0.000	0.0
460	0.1	1.300	1.300	3.580	0.000	0.0
465	0.1	1.300	1.300	3.623	0.000	0.0
470	0.2	1.300	1.300	3.668	0.000	0.0
475	0.2	1.300	1.300	3.713	0.000	0.0
480	0.2	1.300	1.300	3.760	0.000	0.0
485	0.2	1.300	1.300	3.809	0.000	0.0
490	0.2	1.300	1.300	3.860	0.000	0.0
495	0.2	1.300	1.300	3.913	0.000	0.0
500	0.2	1.300	1.300	3.967	0.000	0.0
505	0.2	1.300	1.300	4.021	0.000	0.0
510	0.2	1.300	1.300	4.076	0.000	0.0
515	0.2	1.300	1.300	4.133	0.000	0.0
520	0.2	1.300	1.300	4.190	0.000	0.0
525	0.2	1.300	1.300	4.248	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
530	[redacted]	1.300	1.300	4.308	0.000	[redacted]
535	[redacted]	1.300	1.300	4.370	0.000	[redacted]
540	[redacted]	1.300	1.300	4.434	0.000	[redacted]
545	[redacted]	1.300	1.300	4.500	0.000	[redacted]
550	[redacted]	1.300	1.300	4.568	0.000	[redacted]
555	[redacted]	1.300	1.300	4.637	0.000	[redacted]
560	[redacted]	1.300	1.300	4.706	0.000	[redacted]
565	[redacted]	1.300	1.300	4.776	0.000	[redacted]
570	[redacted]	1.300	1.300	4.848	0.000	[redacted]
575	[redacted]	1.300	1.300	4.920	0.000	[redacted]
580	[redacted]	1.300	1.300	4.995	0.000	[redacted]
585	[redacted]	1.300	1.300	5.073	0.000	[redacted]
590	[redacted]	1.300	1.300	5.151	0.000	[redacted]
595	[redacted]	1.300	1.300	5.230	0.000	[redacted]
600	[redacted]	1.300	1.300	5.311	0.000	[redacted]
605	[redacted]	1.300	1.300	5.392	0.000	[redacted]
610	[redacted]	1.300	1.300	5.475	0.000	[redacted]
615	[redacted]	1.300	1.300	5.559	0.000	[redacted]
620	[redacted]	1.300	1.300	5.644	0.000	[redacted]
625	[redacted]	1.300	1.300	5.732	0.000	[redacted]
630	[redacted]	1.300	1.300	5.822	0.000	[redacted]
635	[redacted]	1.300	1.300	5.912	0.000	[redacted]
640	[redacted]	1.300	1.300	6.004	0.000	[redacted]
645	[redacted]	1.300	1.300	6.097	0.000	[redacted]
650	[redacted]	1.300	1.300	6.190	0.000	[redacted]
655	[redacted]	1.300	1.300	6.284	0.000	[redacted]
660	[redacted]	1.300	1.300	6.380	0.000	[redacted]
665	[redacted]	1.300	1.300	6.476	0.000	[redacted]
670	[redacted]	1.300	1.300	6.574	0.000	[redacted]
675	[redacted]	1.300	1.300	6.673	0.000	[redacted]
680	[redacted]	1.300	1.300	6.772	0.000	[redacted]
685	[redacted]	1.300	1.300	6.872	0.000	[redacted]
690	[redacted]	1.300	1.300	6.974	0.000	[redacted]
695	[redacted]	1.300	1.300	7.076	0.000	[redacted]
700	[redacted]	1.300	1.300	7.178	0.000	[redacted]
705	[redacted]	1.300	1.300	7.280	0.000	[redacted]
710	[redacted]	1.300	1.300	7.384	0.000	[redacted]
715	[redacted]	1.300	1.300	7.489	0.000	[redacted]
720	[redacted]	1.300	1.300	7.594	0.000	[redacted]
725	[redacted]	1.300	1.300	7.699	0.000	[redacted]
730	[redacted]	1.300	1.300	7.804	0.000	[redacted]
735	[redacted]	1.300	1.300	7.909	0.000	[redacted]
740	[redacted]	1.300	1.300	8.012	0.000	[redacted]
745	[redacted]	1.300	1.300	8.114	0.000	[redacted]
750	[redacted]	1.300	1.300	8.216	0.000	[redacted]
755	[redacted]	1.300	1.300	8.318	0.000	[redacted]
760	[redacted]	1.300	1.300	8.420	0.000	[redacted]
765	[redacted]	1.300	1.300	8.521	0.000	[redacted]
770	[redacted]	1.300	1.300	8.620	0.000	[redacted]
775	[redacted]	1.300	1.300	8.719	0.000	[redacted]
780	[redacted]	1.300	1.300	8.816	0.000	[redacted]
785	[redacted]	1.300	1.300	8.912	0.000	[redacted]
790	[redacted]	1.300	1.300	9.008	0.000	[redacted]
795	[redacted]	1.300	1.300	9.103	0.000	[redacted]
800	[redacted]	1.300	1.300	9.196	0.000	[redacted]
805	[redacted]	1.300	1.300	9.289	0.000	[redacted]
810	[redacted]	1.300	1.300	9.381	0.000	[redacted]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
815	0.0	1.300	1.300	9.471	0.000	0.0
820	0.0	1.300	1.300	9.561	0.000	0.0
825	0.0	1.300	1.300	9.649	0.000	0.0
830	0.0	1.300	1.300	9.735	0.000	0.0
835	0.0	1.300	1.300	9.819	0.000	0.0
840	0.0	1.300	1.300	9.901	0.000	0.0
845	0.0	1.300	1.300	9.982	0.000	0.0
850	0.0	1.300	1.300	10.063	0.000	0.0
855	0.0	1.300	1.300	10.143	0.000	0.0
860	0.0	1.300	1.300	10.221	0.000	0.0
865	0.0	1.300	1.300	10.299	0.000	0.0
870	0.0	1.300	1.300	10.374	0.000	0.0
875	0.0	1.300	1.300	10.446	0.000	0.0
880	0.0	1.300	1.300	10.518	0.000	0.0
885	0.0	1.300	1.300	10.588	0.000	0.0
890	0.0	1.300	1.300	10.657	0.000	0.0
895	0.0	1.300	1.300	10.726	0.000	0.0
900	0.0	1.300	1.300	10.794	0.000	0.0
905	0.0	1.300	1.300	10.859	0.000	0.0
910	0.0	1.302	1.300	10.924	0.000	0.0
915	0.0	1.303	1.300	10.986	0.000	0.0
920	0.0	1.304	1.300	11.046	0.000	0.0
925	0.0	1.304	1.300	11.104	0.000	0.0
930	0.0	1.304	1.300	11.161	0.000	0.0
935	0.0	1.304	1.300	11.218	0.000	0.0
940	0.0	1.304	1.300	11.274	0.000	0.0
945	0.0	1.304	1.300	11.328	0.000	0.0
950	0.0	1.304	1.300	11.382	0.000	0.0
955	0.0	1.304	1.300	11.434	0.000	0.0
960	0.0	1.304	1.300	11.485	0.000	0.0
965	0.0	1.304	1.300	11.535	0.000	0.0
970	0.0	1.303	1.300	11.581	0.000	0.0
975	0.0	1.303	1.300	11.626	0.000	0.0
980	0.0	1.303	1.300	11.671	0.000	0.0
985	0.0	1.303	1.300	11.715	0.000	0.0
990	0.0	1.303	1.300	11.757	0.000	0.0
995	0.0	1.303	1.300	11.799	0.000	0.0
1000	0.0	1.303	1.300	11.839	0.000	0.0
1005	0.0	1.303	1.300	11.878	0.000	0.0
1010	0.0	1.303	1.300	11.917	0.000	0.0
1015	0.0	1.303	1.300	11.954	0.000	0.0
1020	0.0	1.303	1.300	11.990	0.000	0.0
1025	0.0	1.303	1.300	12.026	0.000	0.0
1030	0.0	1.303	1.300	12.061	0.000	0.0
1035	0.0	1.303	1.300	12.094	0.000	0.0
1040	0.0	1.303	1.300	12.127	0.000	0.0
1045	0.0	1.303	1.300	12.158	0.000	0.0
1050	0.0	1.303	1.300	12.188	0.000	0.0
1055	0.0	1.303	1.300	12.218	0.000	0.0
1060	0.0	1.303	1.300	12.248	0.000	0.0
1065	0.0	1.302	1.300	12.278	0.000	0.0
1070	0.0	1.302	1.300	12.306	0.000	0.0
1075	0.0	1.302	1.300	12.333	0.000	0.0
1080	0.0	1.302	1.300	12.360	0.000	0.0
1085	0.0	1.302	1.300	12.385	0.000	0.0
1090	0.0	1.302	1.300	12.409	0.000	0.0
1095	0.0	1.302	1.300	12.433	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1100	0.0	1.302	1.300	12.457	0.000	0.0
1105	0.0	1.302	1.300	12.480	0.000	0.0
1110	0.0	1.302	1.300	12.504	0.000	0.0
1115	0.0	1.302	1.300	12.526	0.000	0.0
1120	0.0	1.302	1.300	12.547	0.000	0.0
1125	0.0	1.302	1.300	12.568	0.000	0.0
1130	0.0	1.302	1.300	12.588	0.000	0.0
1135	0.0	1.302	1.300	12.609	0.000	0.0
1140	0.0	1.302	1.300	12.630	0.000	0.0
1145	0.0	1.302	1.300	12.650	0.000	0.0
1150	0.0	1.302	1.300	12.671	0.000	0.0
1155	0.0	1.302	1.300	12.691	0.000	0.0
1160	0.0	1.302	1.300	12.711	0.000	0.0
1165	0.0	1.302	1.300	12.728	0.000	0.0
1170	0.0	1.302	1.300	12.746	0.000	0.0
1175	0.0	1.302	1.300	12.763	0.000	0.0
1180	0.0	1.302	1.300	12.780	0.000	0.0
1185	0.0	1.302	1.300	12.798	0.000	0.0
1190	0.0	1.302	1.300	12.815	0.000	0.0
1195	0.0	1.302	1.300	12.832	0.000	0.0
1200	0.0	1.302	1.300	12.850	0.000	0.0
1205	0.0	1.302	1.300	12.867	0.000	0.0
1210	0.0	1.302	1.300	12.884	0.000	0.0
1215	0.0	1.302	1.300	12.901	0.000	0.0
1220	0.0	1.302	1.300	12.918	0.000	0.0
1225	0.0	1.302	1.300	12.935	0.000	0.0
1230	0.0	1.302	1.300	12.952	0.000	0.0
1235	0.0	1.302	1.300	12.969	0.000	0.0
1240	0.0	1.302	1.300	12.986	0.000	0.0
1245	0.0	1.302	1.300	13.003	0.000	0.0
1250	0.0	1.302	1.300	13.019	0.000	0.0
1255	0.0	1.302	1.300	13.036	0.000	0.0
1260	0.0	1.302	1.300	13.053	0.000	0.0
1265	0.0	1.302	1.300	13.070	0.000	0.0
1270	0.0	1.302	1.300	13.086	0.000	0.0
1275	0.0	1.302	1.300	13.103	0.000	0.0
1280	0.0	1.302	1.300	13.119	0.000	0.0
1285	0.0	1.302	1.300	13.136	0.000	0.0
1290	0.0	1.302	1.300	13.152	0.000	0.0
1295	0.0	1.302	1.300	13.169	0.000	0.0
1300	0.0	1.302	1.300	13.185	0.000	0.0
1305	0.0	1.302	1.300	13.202	0.000	0.0
1310	0.0	1.302	1.300	13.218	0.000	0.0
1315	0.0	1.302	1.300	13.234	0.000	0.0
1320	0.0	1.302	1.300	13.250	0.000	0.0
1325	0.0	1.302	1.300	13.267	0.000	0.0
1330	0.0	1.302	1.300	13.283	0.000	0.0
1335	0.0	1.302	1.300	13.299	0.000	0.0
1340	0.0	1.302	1.300	13.315	0.000	0.0
1345	0.0	1.302	1.300	13.330	0.000	0.0
1350	0.0	1.302	1.300	13.343	0.000	0.0
1355	0.0	1.302	1.300	13.356	0.000	0.0
1360	0.0	1.301	1.300	13.369	0.000	0.0
1365	0.0	1.301	1.300	13.382	0.000	0.0
1370	0.0	1.301	1.300	13.395	0.000	0.0
1375	0.0	1.301	1.300	13.406	0.000	0.0
1380	0.0	1.301	1.300	13.416	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1385	0.0	1.301	1.300	13.426	0.000	0.0
1390	0.0	1.301	1.300	13.436	0.000	0.0
1395	0.0	1.301	1.300	13.445	0.000	0.0
1400	0.0	1.301	1.300	13.454	0.000	0.0
1405	0.0	1.301	1.300	13.460	0.000	0.0
1410	0.0	1.301	1.300	13.467	0.000	0.0
1415	0.0	1.301	1.300	13.472	0.000	0.0
1420	0.0	1.301	1.300	13.476	0.000	0.0
1425	0.0	1.301	1.300	13.480	0.000	0.0
1430	0.0	1.300	1.300	13.482	0.000	0.0
1435	0.0	1.300	1.300	13.481	0.000	0.0
1440	0.0	1.300	1.300	13.479	0.000	0.0
1445	0.0	1.300	1.300	13.476	0.000	0.0
1450	0.0	1.300	1.300	13.474	0.000	0.0
1455	0.0	1.300	1.300	13.471	0.000	0.0
1460	0.0	1.300	1.300	13.469	0.000	0.0
1465	0.0	1.300	1.300	13.466	0.000	0.0
1470	0.0	1.300	1.300	13.464	0.000	0.0
1475	0.0	1.300	1.300	13.461	0.000	0.0
1480	0.0	1.300	1.300	13.459	0.000	0.0
1485	0.0	1.300	1.300	13.456	0.000	0.0
1490	0.0	1.300	1.300	13.454	0.000	0.0
1495	0.0	1.300	1.300	13.451	0.000	0.0
1500	0.0	1.300	1.300	13.449	0.000	0.0
1505	0.0	1.300	1.300	13.446	0.000	0.0
1510	0.0	1.300	1.300	13.444	0.000	0.0
1515	0.0	1.300	1.300	13.441	0.000	0.0
1520	0.0	1.300	1.300	13.439	0.000	0.0
1525	0.0	1.300	1.300	13.436	0.000	0.0
1530	0.0	1.300	1.300	13.433	0.000	0.0
1535	0.0	1.300	1.300	13.431	0.000	0.0
1540	0.0	1.300	1.300	13.428	0.000	0.0
1545	0.0	1.300	1.300	13.425	0.000	0.0
1550	0.0	1.300	1.300	13.423	0.000	0.0
1555	0.0	1.300	1.300	13.420	0.000	0.0
1560	0.0	1.300	1.300	13.418	0.000	0.0
1565	0.0	1.300	1.300	13.415	0.000	0.0
1570	0.0	1.300	1.300	13.412	0.000	0.0
1575	0.0	1.300	1.300	13.410	0.000	0.0
1580	0.0	1.300	1.300	13.407	0.000	0.0
1585	0.0	1.300	1.300	13.404	0.000	0.0
1590	0.0	1.300	1.300	13.402	0.000	0.0
1595	0.0	1.300	1.300	13.399	0.000	0.0
1600	0.0	1.300	1.300	13.396	0.000	0.0
1605	0.0	1.300	1.300	13.393	0.000	0.0
1610	0.0	1.300	1.300	13.391	0.000	0.0
1615	0.0	1.300	1.300	13.388	0.000	0.0
1620	0.0	1.300	1.300	13.385	0.000	0.0
1625	0.0	1.300	1.300	13.383	0.000	0.0
1630	0.0	1.300	1.300	13.380	0.000	0.0
1635	0.0	1.300	1.300	13.377	0.000	0.0
1640	0.0	1.300	1.300	13.375	0.000	0.0
1645	0.0	1.300	1.300	13.372	0.000	0.0
1650	0.0	1.300	1.300	13.369	0.000	0.0
1655	0.0	1.300	1.300	13.366	0.000	0.0
1660	0.0	1.300	1.300	13.364	0.000	0.0
1665	0.0	1.300	1.300	13.361	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1670	0.0	1.300	1.300	13.358	0.000	0.0
1675	0.0	1.300	1.300	13.356	0.000	0.0
1680	0.0	1.300	1.300	13.353	0.000	0.0
1685	0.0	1.300	1.300	13.350	0.000	0.0
1690	0.0	1.300	1.300	13.348	0.000	0.0
1695	0.0	1.300	1.300	13.345	0.000	0.0
1700	0.0	1.300	1.300	13.342	0.000	0.0
1705	0.0	1.300	1.300	13.339	0.000	0.0
1710	0.0	1.300	1.300	13.337	0.000	0.0
1715	0.0	1.300	1.300	13.334	0.000	0.0
1720	0.0	1.300	1.300	13.331	0.000	0.0
1725	0.0	1.300	1.300	13.329	0.000	0.0
1730	0.0	1.300	1.300	13.326	0.000	0.0
1735	0.0	1.300	1.300	13.323	0.000	0.0
1740	0.0	1.300	1.300	13.320	0.000	0.0
1745	0.0	1.300	1.300	13.318	0.000	0.0
1750	0.0	1.300	1.300	13.315	0.000	0.0
1755	0.0	1.300	1.300	13.312	0.000	0.0
1760	0.0	1.300	1.300	13.310	0.000	0.0
1765	0.0	1.300	1.300	13.307	0.000	0.0
1770	0.0	1.300	1.300	13.304	0.000	0.0
1775	0.0	1.300	1.300	13.302	0.000	0.0
1780	0.0	1.300	1.300	13.299	0.000	0.0
1785	0.0	1.300	1.300	13.296	0.000	0.0
1790	0.0	1.300	1.300	13.293	0.000	0.0
1795	0.0	1.300	1.300	13.291	0.000	0.0
1800	0.0	1.300	1.300	13.288	0.000	0.0
1805	0.0	1.300	1.300	13.285	0.000	0.0
1810	0.0	1.300	1.300	13.283	0.000	0.0
1815	0.0	1.300	1.300	13.280	0.000	0.0
1820	0.0	1.300	1.300	13.277	0.000	0.0
1825	0.0	1.300	1.300	13.275	0.000	0.0
1830	0.0	1.300	1.300	13.272	0.000	0.0
1835	0.0	1.300	1.300	13.269	0.000	0.0
1840	0.0	1.300	1.300	13.266	0.000	0.0
1845	0.0	1.300	1.300	13.264	0.000	0.0
1850	0.0	1.300	1.300	13.261	0.000	0.0
1855	0.0	1.300	1.300	13.258	0.000	0.0
1860	0.0	1.300	1.300	13.256	0.000	0.0
1865	0.0	1.300	1.300	13.253	0.000	0.0
1870	0.0	1.300	1.300	13.250	0.000	0.0
1875	0.0	1.300	1.300	13.247	0.000	0.0
1880	0.0	1.300	1.300	13.245	0.000	0.0
1885	0.0	1.300	1.300	13.242	0.000	0.0
1890	0.0	1.300	1.300	13.239	0.000	0.0
1895	0.0	1.300	1.300	13.237	0.000	0.0
1900	0.0	1.300	1.300	13.234	0.000	0.0
1905	0.0	1.300	1.300	13.231	0.000	0.0
1910	0.0	1.300	1.300	13.229	0.000	0.0
1915	0.0	1.300	1.300	13.226	0.000	0.0
1920	0.0	1.300	1.300	13.223	0.000	0.0
1925	0.0	1.300	1.300	13.220	0.000	0.0
1930	0.0	1.300	1.300	13.218	0.000	0.0
1935	0.0	1.300	1.300	13.215	0.000	0.0
1940	0.0	1.300	1.300	13.212	0.000	0.0
1945	0.0	1.300	1.300	13.210	0.000	0.0
1950	0.0	1.300	1.300	13.207	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1955	0.0	1.300	1.300	13.204	0.000	0.0
1960	0.0	1.300	1.300	13.202	0.000	0.0
1965	0.0	1.300	1.300	13.199	0.000	0.0
1970	0.0	1.300	1.300	13.196	0.000	0.0
1975	0.0	1.300	1.300	13.193	0.000	0.0
1980	0.0	1.300	1.300	13.191	0.000	0.0
1985	0.0	1.300	1.300	13.188	0.000	0.0
1990	0.0	1.300	1.300	13.185	0.000	0.0
1995	0.0	1.300	1.300	13.183	0.000	0.0
2000	0.0	1.300	1.300	13.180	0.000	0.0
2005	0.0	1.300	1.300	13.177	0.000	0.0
2010	0.0	1.300	1.300	13.175	0.000	0.0
2015	0.0	1.300	1.300	13.172	0.000	0.0
2020	0.0	1.300	1.300	13.169	0.000	0.0
2025	0.0	1.300	1.300	13.166	0.000	0.0
2030	0.0	1.300	1.300	13.164	0.000	0.0
2035	0.0	1.300	1.300	13.161	0.000	0.0
2040	0.0	1.300	1.300	13.158	0.000	0.0
2045	0.0	1.300	1.300	13.156	0.000	0.0
2050	0.0	1.300	1.300	13.153	0.000	0.0
2055	0.0	1.300	1.300	13.150	0.000	0.0
2060	0.0	1.300	1.300	13.147	0.000	0.0
2065	0.0	1.300	1.300	13.145	0.000	0.0
2070	0.0	1.300	1.300	13.142	0.000	0.0
2075	0.0	1.300	1.300	13.139	0.000	0.0
2080	0.0	1.300	1.300	13.137	0.000	0.0
2085	0.0	1.300	1.300	13.134	0.000	0.0
2090	0.0	1.300	1.300	13.131	0.000	0.0
2095	0.0	1.300	1.300	13.129	0.000	0.0
2100	0.0	1.300	1.300	13.126	0.000	0.0
2105	0.0	1.300	1.300	13.123	0.000	0.0
2110	0.0	1.300	1.300	13.120	0.000	0.0
2115	0.0	1.300	1.300	13.118	0.000	0.0
2120	0.0	1.300	1.300	13.115	0.000	0.0
2125	0.0	1.300	1.300	13.112	0.000	0.0
2130	0.0	1.300	1.300	13.110	0.000	0.0
2135	0.0	1.300	1.300	13.107	0.000	0.0
2140	0.0	1.300	1.300	13.104	0.000	0.0
2145	0.0	1.300	1.300	13.102	0.000	0.0
2150	0.0	1.300	1.300	13.099	0.000	0.0
2155	0.0	1.300	1.300	13.096	0.000	0.0
2160	0.0	1.300	1.300	13.093	0.000	0.0
2165	0.0	1.300	1.300	13.091	0.000	0.0
2170	0.0	1.300	1.300	13.088	0.000	0.0
2175	0.0	1.300	1.300	13.085	0.000	0.0
2180	0.0	1.300	1.300	13.083	0.000	0.0
2185	0.0	1.300	1.300	13.080	0.000	0.0
2190	0.0	1.300	1.300	13.077	0.000	0.0
2195	0.0	1.300	1.300	13.074	0.000	0.0
2200	0.0	1.300	1.300	13.072	0.000	0.0
2205	0.0	1.300	1.300	13.069	0.000	0.0
2210	0.0	1.300	1.300	13.066	0.000	0.0
2215	0.0	1.300	1.300	13.064	0.000	0.0
2220	0.0	1.300	1.300	13.061	0.000	0.0
2225	0.0	1.300	1.300	13.058	0.000	0.0
2230	0.0	1.300	1.300	13.056	0.000	0.0
2235	0.0	1.300	1.300	13.053	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
2240	0.0	1.300	1.300	13.050	0.000	0.0
2245	0.0	1.300	1.300	13.047	0.000	0.0
2250	0.0	1.300	1.300	13.045	0.000	0.0
2255	0.0	1.300	1.300	13.042	0.000	0.0
2260	0.0	1.300	1.300	13.039	0.000	0.0
2265	0.0	1.300	1.300	13.037	0.000	0.0
2270	0.0	1.300	1.300	13.034	0.000	0.0
2275	0.0	1.300	1.300	13.031	0.000	0.0
2280	0.0	1.300	1.300	13.029	0.000	0.0
2285	0.0	1.300	1.300	13.026	0.000	0.0
2290	0.0	1.300	1.300	13.023	0.000	0.0
2295	0.0	1.300	1.300	13.020	0.000	0.0
2300	0.0	1.300	1.300	13.018	0.000	0.0
2305	0.0	1.300	1.300	13.015	0.000	0.0
2310	0.0	1.300	1.300	13.012	0.000	0.0
2315	0.0	1.300	1.300	13.010	0.000	0.0
2320	0.0	1.300	1.300	13.007	0.000	0.0
2325	0.0	1.300	1.300	13.004	0.000	0.0
2330	0.0	1.300	1.300	13.001	0.000	0.0
2335	0.0	1.300	1.300	12.999	0.000	0.0
2340	0.0	1.300	1.300	12.996	0.000	0.0
2345	0.0	1.300	1.300	12.993	0.000	0.0
2350	0.0	1.300	1.300	12.991	0.000	0.0
2355	0.0	1.300	1.300	12.988	0.000	0.0
2360	0.0	1.300	1.300	12.985	0.000	0.0
2365	0.0	1.300	1.300	12.983	0.000	0.0
2370	0.0	1.300	1.300	12.980	0.000	0.0
2375	0.0	1.300	1.300	12.977	0.000	0.0
2380	0.0	1.300	1.300	12.974	0.000	0.0
2385	0.0	1.300	1.300	12.972	0.000	0.0
2390	0.0	1.300	1.300	12.969	0.000	0.0
2395	0.0	1.300	1.300	12.966	0.000	0.0
2400	0.0	1.300	1.300	12.964	0.000	0.0
2405	0.0	1.300	1.300	12.961	0.000	0.0
2410	0.0	1.300	1.300	12.958	0.000	0.0
2415	0.0	1.300	1.300	12.956	0.000	0.0
2420	0.0	1.300	1.300	12.953	0.000	0.0
2425	0.0	1.300	1.300	12.950	0.000	0.0
2430	0.0	1.300	1.300	12.947	0.000	0.0
2435	0.0	1.300	1.300	12.945	0.000	0.0
2440	0.0	1.300	1.300	12.942	0.000	0.0
2445	0.0	1.300	1.300	12.939	0.000	0.0
2450	0.0	1.300	1.300	12.937	0.000	0.0
2455	0.0	1.300	1.300	12.934	0.000	0.0
2460	0.0	1.300	1.300	12.931	0.000	0.0
2465	0.0	1.300	1.300	12.929	0.000	0.0
2470	0.0	1.300	1.300	12.926	0.000	0.0
2475	0.0	1.300	1.300	12.923	0.000	0.0
2480	0.0	1.300	1.300	12.920	0.000	0.0
2485	0.0	1.300	1.300	12.918	0.000	0.0
2490	0.0	1.300	1.300	12.915	0.000	0.0
2495	0.0	1.300	1.300	12.912	0.000	0.0
2500	0.0	1.300	1.300	12.910	0.000	0.0
2505	0.0	1.300	1.300	12.907	0.000	0.0
2510	0.0	1.300	1.300	12.904	0.000	0.0
2515	0.0	1.300	1.300	12.901	0.000	0.0
2520	0.0	1.300	1.300	12.899	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
2525	0.0	1.300	1.300	12.896	0.000	0.0
2530	0.0	1.300	1.300	12.893	0.000	0.0
2535	0.0	1.300	1.300	12.891	0.000	0.0
2540	0.0	1.300	1.300	12.888	0.000	0.0
2545	0.0	1.300	1.300	12.885	0.000	0.0
2550	0.0	1.300	1.300	12.883	0.000	0.0
2555	0.0	1.300	1.300	12.880	0.000	0.0
2560	0.0	1.300	1.300	12.877	0.000	0.0
2565	0.0	1.300	1.300	12.874	0.000	0.0
2570	0.0	1.300	1.300	12.872	0.000	0.0
2575	0.0	1.300	1.300	12.869	0.000	0.0
2580	0.0	1.300	1.300	12.866	0.000	0.0
2585	0.0	1.300	1.300	12.864	0.000	0.0
2590	0.0	1.300	1.300	12.861	0.000	0.0
2595	0.0	1.300	1.300	12.858	0.000	0.0
2600	0.0	1.300	1.300	12.856	0.000	0.0
2605	0.0	1.300	1.300	12.853	0.000	0.0
2610	0.0	1.300	1.300	12.850	0.000	0.0
2615	0.0	1.300	1.300	12.847	0.000	0.0
2620	0.0	1.300	1.300	12.845	0.000	0.0
2625	0.0	1.300	1.300	12.842	0.000	0.0
2630	0.0	1.300	1.300	12.839	0.000	0.0
2635	0.0	1.300	1.300	12.837	0.000	0.0
2640	0.0	1.300	1.300	12.834	0.000	0.0
2645	0.0	1.300	1.300	12.831	0.000	0.0
2650	0.0	1.300	1.300	12.828	0.000	0.0
2655	0.0	1.300	1.300	12.826	0.000	0.0
2660	0.0	1.300	1.300	12.823	0.000	0.0
2665	0.0	1.300	1.300	12.820	0.000	0.0
2670	0.0	1.300	1.300	12.818	0.000	0.0
2675	0.0	1.300	1.300	12.815	0.000	0.0
2680	0.0	1.300	1.300	12.812	0.000	0.0
2685	0.0	1.300	1.300	12.810	0.000	0.0
2690	0.0	1.300	1.300	12.807	0.000	0.0
2695	0.0	1.300	1.300	12.804	0.000	0.0
2700	0.0	1.300	1.300	12.801	0.000	0.0
2705	0.0	1.300	1.300	12.799	0.000	0.0
2710	0.0	1.300	1.300	12.796	0.000	0.0
2715	0.0	1.300	1.300	12.793	0.000	0.0
2720	0.0	1.300	1.300	12.791	0.000	0.0
2725	0.0	1.300	1.300	12.788	0.000	0.0
2730	0.0	1.300	1.300	12.785	0.000	0.0
2735	0.0	1.300	1.300	12.783	0.000	0.0
2740	0.0	1.300	1.300	12.780	0.000	0.0
2745	0.0	1.300	1.300	12.777	0.000	0.0
2750	0.0	1.300	1.300	12.774	0.000	0.0
2755	0.0	1.300	1.300	12.772	0.000	0.0
2760	0.0	1.300	1.300	12.769	0.000	0.0
2765	0.0	1.300	1.300	12.766	0.000	0.0
2770	0.0	1.300	1.300	12.764	0.000	0.0
2775	0.0	1.300	1.300	12.761	0.000	0.0
2780	0.0	1.300	1.300	12.758	0.000	0.0
2785	0.0	1.300	1.300	12.755	0.000	0.0
2790	0.0	1.300	1.300	12.753	0.000	0.0
2795	0.0	1.300	1.300	12.750	0.000	0.0
2800	0.0	1.300	1.300	12.747	0.000	0.0
2805	0.0	1.300	1.300	12.745	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m^3)	Flooded Volume (m^3)	Total Outflow (L/s)
2810	0.0	1.300	1.300	12.742	0.000	0.0
2815	0.0	1.300	1.300	12.739	0.000	0.0
2820	0.0	1.300	1.300	12.737	0.000	0.0
2825	0.0	1.300	1.300	12.734	0.000	0.0
2830	0.0	1.300	1.300	12.731	0.000	0.0
2835	0.0	1.300	1.300	12.728	0.000	0.0
2840	0.0	1.300	1.300	12.726	0.000	0.0
2845	0.0	1.300	1.300	12.723	0.000	0.0
2850	0.0	1.300	1.300	12.720	0.000	0.0
2855	0.0	1.300	1.300	12.718	0.000	0.0
2860	0.0	1.300	1.300	12.715	0.000	0.0
2865	0.0	1.300	1.300	12.712	0.000	0.0
2870	0.0	1.300	1.300	12.710	0.000	0.0
2875	0.0	1.300	1.300	12.707	0.000	0.0
2880	0.0	1.300	1.300	12.704	0.000	0.0

PLAY AREA
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 1440 mins: Winter

Type : Porous Paving

Tables

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.000	0.0
5	0.0	0.000	0.000	0.004	0.000	0.0
10	0.0	0.000	0.000	0.013	0.000	0.0
15	0.0	0.001	0.000	0.023	0.000	0.0
20	0.1	0.001	0.000	0.043	0.000	0.0
25	0.1	0.002	0.000	0.076	0.000	0.0
30	0.1	0.004	0.000	0.111	0.000	0.0
35	0.2	0.005	0.000	0.154	0.000	0.0
40	0.2	0.006	0.000	0.205	0.000	0.0
45	0.2	0.008	0.000	0.258	0.000	0.0
50	0.2	0.010	0.000	0.320	0.000	0.0
55	0.2	0.012	0.000	0.386	0.000	0.0
60	0.2	0.014	0.000	0.454	0.000	0.0
65	0.3	0.016	0.000	0.530	0.000	0.0
70	0.3	0.018	0.000	0.611	0.000	0.0
75	0.3	0.020	0.000	0.695	0.000	0.0
80	0.3	0.022	0.000	0.784	0.000	0.0
85	0.3	0.024	0.000	0.874	0.000	0.0
90	0.3	0.025	0.000	0.967	0.000	0.0
95	0.3	0.027	0.000	1.063	0.000	0.0
100	0.3	0.028	0.000	1.159	0.000	0.0
105	0.3	0.029	0.000	1.257	0.000	0.0
110	0.3	0.029	0.000	1.360	0.000	0.0
115	0.3	0.030	0.000	1.462	0.000	0.0
120	0.3	0.030	0.000	1.566	0.000	0.0
125	0.3	0.030	0.000	1.670	0.000	0.0
130	0.4	0.030	0.000	1.776	0.000	0.0
135	0.4	0.030	0.000	1.886	0.000	0.0
140	0.4	0.029	0.000	1.994	0.000	0.0
145	0.4	0.029	0.000	2.100	0.000	0.0
150	0.4	0.029	0.000	2.210	0.000	0.0
155	0.4	0.029	0.000	2.321	0.000	0.0
160	0.4	0.030	0.000	2.433	0.000	0.0
165	0.4	0.030	0.000	2.544	0.000	0.0
170	0.4	0.030	0.000	2.655	0.000	0.0
175	0.4	0.030	0.000	2.764	0.000	0.0
180	0.4	0.030	0.000	2.876	0.000	0.0
185	0.4	0.030	0.000	2.986	0.000	0.0
190	0.4	0.030	0.000	3.099	0.000	0.0
195	0.4	0.030	0.000	3.208	0.000	0.0
200	0.4	0.030	0.000	3.319	0.000	0.0
[redacted]	0.4	0.030	0.001	3.430	0.000	0.0
210	0.4	0.030	0.001	3.541	0.000	0.0
215	0.4	0.030	0.002	3.652	0.000	0.0
220	0.4	0.030	0.003	3.763	0.000	0.0
225	0.4	0.030	0.004	3.874	0.000	0.0
230	0.4	0.030	0.006	3.985	0.000	0.0
235	0.4	0.030	0.009	4.099	0.000	0.0
240	0.4	0.030	0.011	4.209	0.000	0.0
245	0.4	0.030	0.014	4.319	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
250	0.4	0.030	0.018	4.429	0.000	0.0
255	0.4	0.030	0.021	4.540	0.000	0.0
260	0.4	0.030	0.025	4.653	0.000	0.0
265	0.4	0.030	0.029	4.764	0.000	0.0
270	0.4	0.030	0.033	4.878	0.000	0.0
275	0.4	0.030	0.036	4.992	0.000	0.0
280	0.4	0.030	0.039	5.107	0.000	0.0
285	0.4	0.030	0.042	5.224	0.000	0.0
290	0.4	0.030	0.044	5.343	0.000	0.0
295	0.4	0.030	0.045	5.463	0.000	0.0
300	0.4	0.030	0.047	5.583	0.000	0.0
305	0.4	0.030	0.049	5.706	0.000	0.0
310	0.4	0.031	0.050	5.828	0.000	0.0
315	0.4	0.031	0.051	5.956	0.000	0.0
320	0.4	0.031	0.053	6.082	0.000	0.0
325	0.4	0.031	0.054	6.212	0.000	0.0
330	0.4	0.031	0.055	6.344	0.000	0.0
335	0.5	0.032	0.057	6.479	0.000	0.0
340	0.5	0.032	0.058	6.618	0.000	0.0
345	0.5	0.032	0.059	6.759	0.000	0.0
350	0.5	0.033	0.060	6.905	0.000	0.0
355	0.5	0.033	0.061	7.055	0.000	0.0
360	0.5	0.034	0.063	7.205	0.000	0.0
365	0.5	0.034	0.064	7.360	0.000	0.0
370	0.5	0.035	0.065	7.522	0.000	0.0
375	0.5	0.035	0.066	7.684	0.000	0.0
380	0.6	0.036	0.068	7.852	0.000	0.0
385	0.6	0.037	0.069	8.026	0.000	0.0
390	0.6	0.038	0.070	8.201	0.000	0.0
395	0.6	0.038	0.071	8.382	0.000	0.0
400	0.6	0.039	0.073	8.568	0.000	0.0
405	0.6	0.040	0.074	8.757	0.000	0.0
410	0.7	0.041	0.075	8.953	0.000	0.0
415	0.7	0.042	0.077	9.154	0.000	0.0
420	0.7	0.043	0.078	9.360	0.000	0.0
425	0.7	0.044	0.080	9.574	0.000	0.0
430	0.7	0.045	0.081	9.794	0.000	0.0
435	0.8	0.046	0.083	10.017	0.000	0.0
440	0.8	0.048	0.084	10.249	0.000	0.0
445	0.8	0.049	0.086	10.486	0.000	0.0
450	0.8	0.050	0.087	10.729	0.000	0.0
455	0.8	0.052	0.089	10.981	0.000	0.0
460	0.9	0.053	0.091	11.236	0.000	0.0
465	0.9	0.055	0.092	11.499	0.000	0.0
470	0.9	0.056	0.094	11.773	0.000	0.0
475	0.9	0.058	0.096	12.049	0.000	0.0
480	1.0	0.060	0.098	12.335	0.000	0.0
485	1.0	0.061	0.100	12.633	0.000	0.0
490	1.0	0.063	0.102	12.931	0.000	0.0
495	1.1	0.065	0.104	13.241	0.000	0.0
500	1.1	0.067	0.106	13.562	0.000	0.0
505	1.1	0.069	0.108	13.885	0.000	0.0
510	1.1	0.071	0.110	14.219	0.000	0.0
515	1.2	0.073	0.112	14.564	0.000	0.0
520	1.2	0.075	0.114	14.912	0.000	0.0
525	1.2	0.077	0.117	15.271	0.000	0.0
530	1.2	0.080	0.119	15.640	0.000	0.0
535	1.3	0.082	0.121	16.014	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
540	1.3	0.084	0.124	16.399	0.000	0.9
545	1.3	0.087	0.126	16.792	0.000	0.9
550	1.3	0.089	0.129	17.191	0.000	0.9
555	1.4	0.092	0.131	17.601	0.000	0.9
560	1.4	0.094	0.134	18.018	0.000	0.9
565	1.4	0.097	0.137	18.443	0.000	0.9
570	1.5	0.100	0.140	18.879	0.000	0.9
575	1.5	0.102	0.142	19.320	0.000	0.9
580	1.5	0.105	0.145	19.771	0.000	0.9
585	1.5	0.108	0.148	20.235	0.000	0.9
590	1.6	0.111	0.151	20.700	0.000	0.9
595	1.6	0.114	0.154	21.176	0.000	0.9
600	1.6	0.117	0.157	21.665	0.000	0.9
605	1.6	0.120	0.160	22.156	0.000	0.9
610	1.7	0.123	0.163	22.658	0.000	0.9
615	1.7	0.127	0.167	23.171	0.000	0.9
620	1.7	0.130	0.170	23.685	0.000	0.9
625	1.8	0.133	0.173	24.210	0.000	0.9
630	1.8	0.137	0.177	24.744	0.000	0.9
635	1.8	0.140	0.180	25.281	0.000	0.9
640	1.8	0.144	0.183	25.829	0.000	0.9
645	1.9	0.147	0.187	26.383	0.000	0.9
650	1.9	0.151	0.190	26.942	0.000	0.9
655	1.9	0.154	0.194	27.512	0.000	0.9
660	1.9	0.158	0.198	28.088	0.000	0.9
665	1.9	0.162	0.201	28.668	0.000	0.9
670	2.0	0.166	0.205	29.256	0.000	0.9
675	2.0	0.169	0.209	29.847	0.000	0.9
680	2.0	0.173	0.212	30.443	0.000	0.9
685	2.0	0.177	0.216	31.046	0.000	0.9
690	2.0	0.181	0.220	31.652	0.000	0.9
695	2.0	0.185	0.224	32.262	0.000	0.9
700	2.1	0.189	0.228	32.878	0.000	0.9
705	2.1	0.193	0.232	33.496	0.000	0.9
710	2.1	0.197	0.236	34.119	0.000	0.9
715	2.1	0.201	0.240	34.746	0.000	0.9
720	2.1	0.204	0.244	35.372	0.000	0.9
725	2.1	0.208	0.247	35.991	0.000	0.9
730	2.1	0.212	0.251	36.595	0.000	0.9
735	2.1	0.216	0.255	37.178	0.000	0.9
740	2.1	0.220	0.258	37.734	0.000	0.9
745	2.1	0.223	0.261	38.260	0.000	0.9
750	2.1	0.226	0.264	38.758	0.000	0.9
755	2.0	0.229	0.267	39.224	0.000	0.9
760	2.0	0.232	0.270	39.658	0.000	0.9
765	2.0	0.235	0.272	40.063	0.000	0.9
770	2.0	0.237	0.275	40.436	0.000	0.9
775	2.0	0.239	0.277	40.780	0.000	0.9
780	2.0	0.241	0.279	41.099	0.000	0.9
785	1.9	0.243	0.280	41.389	0.000	1.0
790	1.9	0.245	0.282	41.655	0.000	1.1
795	1.9	0.247	0.283	41.896	0.000	1.1
800	1.9	0.248	0.285	42.109	0.000	1.2
805	1.9	0.249	0.286	42.303	0.000	1.2
810	1.8	0.250	0.287	42.475	0.000	1.3
815	1.8	0.251	0.288	42.624	0.000	1.3
820	1.8	0.252	0.289	42.758	0.000	1.3
825	1.7	0.253	0.289	42.874	0.000	1.4

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
830	1.7	0.253	0.290	42.970	0.000	1.4
835	1.7	0.254	0.290	43.058	0.000	1.4
840	1.6	0.254	0.291	43.128	0.000	1.5
845	1.6	0.255	0.291	43.181	0.000	1.5
850	1.6	0.255	0.291	43.229	0.000	1.5
855	1.6	0.255	0.292	43.261	0.000	1.5
860	1.6	0.255	0.292	43.278	0.000	1.5
865	1.5	0.255	0.292	43.292	0.000	1.5
870	1.5	0.255	0.292	43.293	0.000	1.5
875	1.5	0.255	0.292	43.284	0.000	1.5
880	1.4	0.255	0.292	43.270	0.000	1.5
885	1.4	0.255	0.292	43.246	0.000	1.5
890	1.4	0.254	0.292	43.216	0.000	1.5
895	1.4	0.254	0.291	43.182	0.000	1.5
900	1.3	0.254	0.291	43.138	0.000	1.5
905	1.3	0.253	0.291	43.092	0.000	1.5
910	1.3	0.253	0.291	43.042	0.000	1.4
915	1.2	0.253	0.290	42.984	0.000	1.4
920	1.2	0.252	0.290	42.925	0.000	1.4
925	1.2	0.252	0.290	42.862	0.000	1.4
930	1.2	0.251	0.289	42.792	0.000	1.4
935	1.2	0.251	0.289	42.724	0.000	1.4
940	1.1	0.250	0.289	42.651	0.000	1.4
945	1.1	0.250	0.288	42.571	0.000	1.3
950	1.1	0.249	0.288	42.495	0.000	1.3
955	1.0	0.248	0.287	42.415	0.000	1.3
960	1.0	0.248	0.287	42.329	0.000	1.3
965	1.0	0.247	0.286	42.247	0.000	1.3
970	0.9	0.247	0.286	42.162	0.000	1.2
975	0.9	0.246	0.285	42.072	0.000	1.2
980	0.9	0.246	0.285	41.986	0.000	1.2
985	0.9	0.245	0.284	41.898	0.000	1.2
990	0.8	0.244	0.284	41.806	0.000	1.1
995	0.8	0.244	0.283	41.718	0.000	1.1
1000	0.8	0.243	0.283	41.627	0.000	1.1
1005	0.8	0.242	0.282	41.537	0.000	1.1
1010	0.8	0.242	0.282	41.449	0.000	1.1
1015	0.7	0.241	0.281	41.358	0.000	1.0
1020	0.7	0.241	0.281	41.269	0.000	1.0
1025	0.7	0.240	0.280	41.182	0.000	1.0
1030	0.7	0.239	0.280	41.092	0.000	1.0
1035	0.7	0.239	0.279	41.004	0.000	1.0
1040	0.6	0.238	0.279	40.918	0.000	0.9
1045	0.6	0.238	0.278	40.830	0.000	0.9
1050	0.6	0.237	0.278	40.745	0.000	0.9
1055	0.6	0.236	0.277	40.652	0.000	0.9
1060	0.6	0.236	0.277	40.578	0.000	0.9
1065	0.6	0.235	0.276	40.498	0.000	0.8
1070	0.5	0.235	0.276	40.418	0.000	0.8
1075	0.5	0.234	0.275	40.337	0.000	0.8
1080	0.5	0.234	0.275	40.262	0.000	0.8
1085	0.5	0.233	0.274	40.185	0.000	0.8
1090	0.5	0.233	0.274	40.108	0.000	0.7
1095	0.5	0.232	0.273	40.036	0.000	0.7
1100	0.5	0.232	0.273	39.963	0.000	0.7
1105	0.5	0.231	0.273	39.891	0.000	0.7
1110	0.5	0.231	0.272	39.822	0.000	0.7
1115	0.4	0.230	0.272	39.753	0.000	0.7

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1120	0.2	0.230	0.271	39.686	0.000	0.7
1125	0.2	0.230	0.271	39.621	0.000	0.3
1130	0.2	0.229	0.271	39.557	0.000	0.3
1135	0.2	0.229	0.270	39.496	0.000	0.3
1140	0.2	0.228	0.270	39.437	0.000	0.3
1145	0.2	0.228	0.269	39.378	0.000	0.3
1150	0.2	0.228	0.269	39.322	0.000	0.3
1155	0.2	0.227	0.269	39.269	0.000	0.3
1160	0.2	0.227	0.268	39.217	0.000	0.3
1165	0.2	0.227	0.268	39.167	0.000	0.3
1170	0.2	0.226	0.268	39.119	0.000	0.3
1175	0.2	0.226	0.268	39.072	0.000	0.3
1180	0.2	0.226	0.267	39.028	0.000	0.3
1185	0.2	0.226	0.267	38.985	0.000	0.3
1190	0.2	0.225	0.267	38.943	0.000	0.3
1195	0.2	0.225	0.267	38.903	0.000	0.3
1200	0.2	0.225	0.266	38.866	0.000	0.3
1205	0.2	0.225	0.266	38.831	0.000	0.3
1210	0.2	0.224	0.266	38.797	0.000	0.3
1215	0.2	0.224	0.266	38.766	0.000	0.3
1220	0.2	0.224	0.266	38.736	0.000	0.3
1225	0.2	0.224	0.265	38.708	0.000	0.3
1230	0.2	0.224	0.265	38.682	0.000	0.3
1235	0.2	0.223	0.265	38.657	0.000	0.3
1240	0.2	0.223	0.265	38.633	0.000	0.3
1245	0.2	0.223	0.265	38.611	0.000	0.4
1250	0.2	0.223	0.265	38.590	0.000	0.4
1255	0.2	0.223	0.264	38.570	0.000	0.4
1260	0.2	0.223	0.264	38.551	0.000	0.4
1265	0.2	0.223	0.264	38.533	0.000	0.4
1270	0.2	0.223	0.264	38.517	0.000	0.4
1275	0.2	0.222	0.264	38.501	0.000	0.4
1280	0.2	0.222	0.264	38.486	0.000	0.4
1285	0.2	0.222	0.264	38.471	0.000	0.4
1290	0.2	0.222	0.264	38.458	0.000	0.4
1295	0.2	0.222	0.264	38.445	0.000	0.4
1300	0.2	0.222	0.264	38.432	0.000	0.4
1305	0.2	0.222	0.264	38.418	0.000	0.4
1310	0.2	0.222	0.263	38.404	0.000	0.4
1315	0.2	0.222	0.263	38.391	0.000	0.4
1320	0.2	0.222	0.263	38.378	0.000	0.4
1325	0.3	0.222	0.263	38.363	0.000	0.4
1330	0.3	0.221	0.263	38.348	0.000	0.4
1335	0.3	0.221	0.263	38.333	0.000	0.4
1340	0.3	0.221	0.263	38.318	0.000	0.4
1345	0.3	0.221	0.263	38.301	0.000	0.4
1350	0.3	0.221	0.263	38.282	0.000	0.4
1355	0.3	0.221	0.263	38.264	0.000	0.4
1360	0.3	0.221	0.262	38.244	0.000	0.4
1365	0.3	0.221	0.262	38.222	0.000	0.4
1370	0.3	0.220	0.262	38.200	0.000	0.4
1375	0.3	0.220	0.262	38.174	0.000	0.4
1380	0.3	0.220	0.262	38.147	0.000	0.4
1385	0.2	0.220	0.262	38.117	0.000	0.4
1390	0.2	0.220	0.261	38.082	0.000	0.3
1395	0.2	0.219	0.261	38.045	0.000	0.3
1400	0.2	0.219	0.261	38.005	0.000	0.3
1405	0.2	0.219	0.261	37.960	0.000	0.3

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1410	0.0	0.219	0.260	37.915	0.000	0.0
1415	0.0	0.218	0.260	37.864	0.000	0.0
1420	0.0	0.218	0.260	37.807	0.000	0.0
1425	0.0	0.218	0.259	37.752	0.000	0.0
1430	0.0	0.217	0.259	37.689	0.000	0.0
1435	0.0	0.217	0.259	37.617	0.000	0.0
1440	0.0	0.216	0.258	37.547	0.000	0.0
1445	0.0	0.216	0.258	37.476	0.000	0.0
1450	0.0	0.215	0.257	37.403	0.000	0.0
1455	0.0	0.215	0.257	37.334	0.000	0.0
1460	0.0	0.214	0.256	37.268	0.000	0.0
1465	0.0	0.214	0.256	37.205	0.000	0.0
1470	0.0	0.214	0.256	37.144	0.000	0.0
1475	0.0	0.213	0.255	37.086	0.000	0.0
1480	0.0	0.213	0.255	37.031	0.000	0.0
1485	0.0	0.213	0.255	36.977	0.000	0.0
1490	0.0	0.212	0.254	36.926	0.000	0.0
1495	0.0	0.212	0.254	36.877	0.000	0.0
1500	0.0	0.212	0.254	36.830	0.000	0.0
1505	0.0	0.211	0.253	36.785	0.000	0.0
1510	0.0	0.211	0.253	36.741	0.000	0.0
1515	0.0	0.211	0.253	36.699	0.000	0.0
1520	0.0	0.211	0.253	36.659	0.000	0.0
1525	0.0	0.210	0.252	36.620	0.000	0.0
1530	0.0	0.210	0.252	36.583	0.000	0.0
1535	0.0	0.210	0.252	36.547	0.000	0.0
1540	0.0	0.210	0.252	36.512	0.000	0.0
1545	0.0	0.209	0.251	36.478	0.000	0.0
1550	0.0	0.209	0.251	36.445	0.000	0.0
1555	0.0	0.209	0.251	36.413	0.000	0.0
1560	0.0	0.209	0.251	36.383	0.000	0.0
1565	0.0	0.209	0.251	36.353	0.000	0.0
1570	0.0	0.208	0.250	36.325	0.000	0.0
1575	0.0	0.208	0.250	36.297	0.000	0.0
1580	0.0	0.208	0.250	36.270	0.000	0.0
1585	0.0	0.208	0.250	36.244	0.000	0.0
1590	0.0	0.208	0.250	36.218	0.000	0.0
1595	0.0	0.208	0.250	36.194	0.000	0.0
1600	0.0	0.208	0.250	36.170	0.000	0.0
1605	0.0	0.207	0.249	36.147	0.000	0.0
1610	0.0	0.207	0.249	36.124	0.000	0.0
1615	0.0	0.207	0.249	36.103	0.000	0.0
1620	0.0	0.207	0.249	36.081	0.000	0.0
1625	0.0	0.207	0.249	36.061	0.000	0.0
1630	0.0	0.207	0.249	36.041	0.000	0.0
1635	0.0	0.207	0.249	36.021	0.000	0.0
1640	0.0	0.206	0.248	36.002	0.000	0.0
1645	0.0	0.206	0.248	35.983	0.000	0.0
1650	0.0	0.206	0.248	35.965	0.000	0.0
1655	0.0	0.206	0.248	35.948	0.000	0.0
1660	0.0	0.206	0.248	35.931	0.000	0.0
1665	0.0	0.206	0.248	35.914	0.000	0.0
1670	0.0	0.206	0.248	35.898	0.000	0.0
1675	0.0	0.206	0.248	35.882	0.000	0.0
1680	0.0	0.206	0.248	35.867	0.000	0.0
1685	0.0	0.205	0.247	35.852	0.000	0.0
1690	0.0	0.205	0.247	35.837	0.000	0.0
1695	0.0	0.205	0.247	35.823	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1700	0.0	0.205	0.247	35.809	0.000	0.0
1705	0.0	0.205	0.247	35.795	0.000	0.0
1710	0.0	0.205	0.247	35.782	0.000	0.0
1715	0.0	0.205	0.247	35.769	0.000	0.0
1720	0.0	0.205	0.247	35.756	0.000	0.0
1725	0.0	0.205	0.247	35.743	0.000	0.0
1730	0.0	0.205	0.247	35.731	0.000	0.0
1735	0.0	0.205	0.247	35.720	0.000	0.0
1740	0.0	0.205	0.247	35.708	0.000	0.0
1745	0.0	0.205	0.247	35.697	0.000	0.0
1750	0.0	0.204	0.246	35.686	0.000	0.0
1755	0.0	0.204	0.246	35.675	0.000	0.0
1760	0.0	0.204	0.246	35.665	0.000	0.0
1765	0.0	0.204	0.246	35.655	0.000	0.0
1770	0.0	0.204	0.246	35.645	0.000	0.0
1775	0.0	0.204	0.246	35.635	0.000	0.0
1780	0.0	0.204	0.246	35.626	0.000	0.0
1785	0.0	0.204	0.246	35.617	0.000	0.0
1790	0.0	0.204	0.246	35.608	0.000	0.0
1795	0.0	0.204	0.246	35.599	0.000	0.0
1800	0.0	0.204	0.246	35.591	0.000	0.0
1805	0.0	0.204	0.246	35.582	0.000	0.0
1810	0.0	0.204	0.246	35.574	0.000	0.0
1815	0.0	0.204	0.246	35.566	0.000	0.0
1820	0.0	0.204	0.246	35.559	0.000	0.0
1825	0.0	0.204	0.246	35.551	0.000	0.0
1830	0.0	0.204	0.246	35.544	0.000	0.0
1835	0.0	0.204	0.246	35.536	0.000	0.0
1840	0.0	0.203	0.245	35.529	0.000	0.0
1845	0.0	0.203	0.245	35.522	0.000	0.0
1850	0.0	0.203	0.245	35.516	0.000	0.0
1855	0.0	0.203	0.245	35.509	0.000	0.0
1860	0.0	0.203	0.245	35.502	0.000	0.0
1865	0.0	0.203	0.245	35.496	0.000	0.0
1870	0.0	0.203	0.245	35.490	0.000	0.0
1875	0.0	0.203	0.245	35.484	0.000	0.0
1880	0.0	0.203	0.245	35.478	0.000	0.0
1885	0.0	0.203	0.245	35.472	0.000	0.0
1890	0.0	0.203	0.245	35.466	0.000	0.0
1895	0.0	0.203	0.245	35.461	0.000	0.0
1900	0.0	0.203	0.245	35.455	0.000	0.0
1905	0.0	0.203	0.245	35.450	0.000	0.0
1910	0.0	0.203	0.245	35.445	0.000	0.0
1915	0.0	0.203	0.245	35.439	0.000	0.0
1920	0.0	0.203	0.245	35.434	0.000	0.0
1925	0.0	0.203	0.245	35.429	0.000	0.0
1930	0.0	0.203	0.245	35.425	0.000	0.0
1935	0.0	0.203	0.245	35.420	0.000	0.0
1940	0.0	0.203	0.245	35.415	0.000	0.0
1945	0.0	0.203	0.245	35.410	0.000	0.0
1950	0.0	0.203	0.245	35.406	0.000	0.0
1955	0.0	0.203	0.245	35.402	0.000	0.0
1960	0.0	0.203	0.245	35.397	0.000	0.0
1965	0.0	0.203	0.245	35.393	0.000	0.0
1970	0.0	0.203	0.245	35.389	0.000	0.0
1975	0.0	0.203	0.245	35.385	0.000	0.0
1980	0.0	0.203	0.245	35.381	0.000	0.0
1985	0.0	0.202	0.244	35.377	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
1990	[illegible]	0.202	0.244	35.373	0.000	[illegible]
1995	[illegible]	0.202	0.244	35.369	0.000	[illegible]
2000	[illegible]	0.202	0.244	35.365	0.000	[illegible]
2005	[illegible]	0.202	0.244	35.361	0.000	[illegible]
2010	[illegible]	0.202	0.244	35.358	0.000	[illegible]
2015	[illegible]	0.202	0.244	35.354	0.000	[illegible]
2020	[illegible]	0.202	0.244	35.351	0.000	[illegible]
2025	[illegible]	0.202	0.244	35.347	0.000	[illegible]
2030	[illegible]	0.202	0.244	35.344	0.000	[illegible]
2035	[illegible]	0.202	0.244	35.341	0.000	[illegible]
2040	[illegible]	0.202	0.244	35.337	0.000	[illegible]
2045	[illegible]	0.202	0.244	35.334	0.000	[illegible]
2050	[illegible]	0.202	0.244	35.331	0.000	[illegible]
2055	[illegible]	0.202	0.244	35.328	0.000	[illegible]
2060	[illegible]	0.202	0.244	35.325	0.000	[illegible]
2065	[illegible]	0.202	0.244	35.322	0.000	[illegible]
2070	[illegible]	0.202	0.244	35.319	0.000	[illegible]
2075	[illegible]	0.202	0.244	35.316	0.000	[illegible]
2080	[illegible]	0.202	0.244	35.313	0.000	[illegible]
2085	[illegible]	0.202	0.244	35.310	0.000	[illegible]
2090	[illegible]	0.202	0.244	35.308	0.000	[illegible]
2095	[illegible]	0.202	0.244	35.305	0.000	[illegible]
2100	[illegible]	0.202	0.244	35.302	0.000	[illegible]
2105	[illegible]	0.202	0.244	35.300	0.000	[illegible]
2110	[illegible]	0.202	0.244	35.297	0.000	[illegible]
2115	[illegible]	0.202	0.244	35.294	0.000	[illegible]
2120	[illegible]	0.202	0.244	35.292	0.000	[illegible]
2125	[illegible]	0.202	0.244	35.289	0.000	[illegible]
2130	[illegible]	0.202	0.244	35.287	0.000	[illegible]
2135	[illegible]	0.202	0.244	35.284	0.000	[illegible]
2140	[illegible]	0.202	0.244	35.282	0.000	[illegible]
2145	[illegible]	0.202	0.244	35.280	0.000	[illegible]
2150	[illegible]	0.202	0.244	35.277	0.000	[illegible]
2155	[illegible]	0.202	0.244	35.275	0.000	[illegible]
2160	[illegible]	0.202	0.244	35.273	0.000	[illegible]
2165	[illegible]	0.202	0.244	35.271	0.000	[illegible]
2170	[illegible]	0.202	0.244	35.269	0.000	[illegible]
2175	[illegible]	0.202	0.244	35.266	0.000	[illegible]
2180	[illegible]	0.202	0.244	35.264	0.000	[illegible]
2185	[illegible]	0.202	0.244	35.262	0.000	[illegible]
2190	[illegible]	0.202	0.244	35.260	0.000	[illegible]
2195	[illegible]	0.202	0.244	35.258	0.000	[illegible]
2200	[illegible]	0.202	0.244	35.256	0.000	[illegible]
2205	[illegible]	0.202	0.244	35.254	0.000	[illegible]
2210	[illegible]	0.202	0.244	35.252	0.000	[illegible]
2215	[illegible]	0.202	0.244	35.250	0.000	[illegible]
2220	[illegible]	0.202	0.244	35.249	0.000	[illegible]
2225	[illegible]	0.202	0.244	35.247	0.000	[illegible]
2230	[illegible]	0.202	0.244	35.245	0.000	[illegible]
2235	[illegible]	0.202	0.244	35.243	0.000	[illegible]
2240	[illegible]	0.202	0.244	35.241	0.000	[illegible]
2245	[illegible]	0.202	0.244	35.239	0.000	[illegible]
2250	[illegible]	0.202	0.244	35.238	0.000	[illegible]
2255	[illegible]	0.202	0.244	35.236	0.000	[illegible]
2260	[illegible]	0.202	0.244	35.234	0.000	[illegible]
2265	[illegible]	0.202	0.244	35.233	0.000	[illegible]
2270	[illegible]	0.202	0.244	35.231	0.000	[illegible]
2275	[illegible]	0.202	0.244	35.229	0.000	[illegible]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
2280	[illegible]	0.202	0.244	35.228	0.000	[illegible]
2285	[illegible]	0.202	0.244	35.226	0.000	[illegible]
2290	[illegible]	0.202	0.244	35.225	0.000	[illegible]
2295	[illegible]	0.202	0.244	35.223	0.000	[illegible]
2300	[illegible]	0.202	0.244	35.221	0.000	[illegible]
2305	[illegible]	0.202	0.244	35.220	0.000	[illegible]
2310	[illegible]	0.201	0.243	35.218	0.000	[illegible]
2315	[illegible]	0.201	0.243	35.217	0.000	[illegible]
2320	[illegible]	0.201	0.243	35.215	0.000	[illegible]
2325	[illegible]	0.201	0.243	35.214	0.000	[illegible]
2330	[illegible]	0.201	0.243	35.213	0.000	[illegible]
2335	[illegible]	0.201	0.243	35.211	0.000	[illegible]
2340	[illegible]	0.201	0.243	35.210	0.000	[illegible]
2345	[illegible]	0.201	0.243	35.208	0.000	[illegible]
2350	[illegible]	0.201	0.243	35.207	0.000	[illegible]
2355	[illegible]	0.201	0.243	35.206	0.000	[illegible]
2360	[illegible]	0.201	0.243	35.204	0.000	[illegible]
2365	[illegible]	0.201	0.243	35.203	0.000	[illegible]
2370	[illegible]	0.201	0.243	35.202	0.000	[illegible]
2375	[illegible]	0.201	0.243	35.200	0.000	[illegible]
2380	[illegible]	0.201	0.243	35.199	0.000	[illegible]
2385	[illegible]	0.201	0.243	35.198	0.000	[illegible]
2390	[illegible]	0.201	0.243	35.197	0.000	[illegible]
2395	[illegible]	0.201	0.243	35.195	0.000	[illegible]
2400	[illegible]	0.201	0.243	35.194	0.000	[illegible]
2405	[illegible]	0.201	0.243	35.193	0.000	[illegible]
2410	[illegible]	0.201	0.243	35.192	0.000	[illegible]
2415	[illegible]	0.201	0.243	35.191	0.000	[illegible]
2420	[illegible]	0.201	0.243	35.189	0.000	[illegible]
2425	[illegible]	0.201	0.243	35.188	0.000	[illegible]
2430	[illegible]	0.201	0.243	35.187	0.000	[illegible]
2435	[illegible]	0.201	0.243	35.186	0.000	[illegible]
2440	[illegible]	0.201	0.243	35.185	0.000	[illegible]
2445	[illegible]	0.201	0.243	35.184	0.000	[illegible]
2450	[illegible]	0.201	0.243	35.183	0.000	[illegible]
2455	[illegible]	0.201	0.243	35.182	0.000	[illegible]
2460	[illegible]	0.201	0.243	35.181	0.000	[illegible]
2465	[illegible]	0.201	0.243	35.179	0.000	[illegible]
2470	[illegible]	0.201	0.243	35.178	0.000	[illegible]
2475	[illegible]	0.201	0.243	35.177	0.000	[illegible]
2480	[illegible]	0.201	0.243	35.176	0.000	[illegible]
2485	[illegible]	0.201	0.243	35.175	0.000	[illegible]
2490	[illegible]	0.201	0.243	35.174	0.000	[illegible]
2495	[illegible]	0.201	0.243	35.173	0.000	[illegible]
2500	[illegible]	0.201	0.243	35.172	0.000	[illegible]
2505	[illegible]	0.201	0.243	35.171	0.000	[illegible]
2510	[illegible]	0.201	0.243	35.170	0.000	[illegible]
2515	[illegible]	0.201	0.243	35.170	0.000	[illegible]
2520	[illegible]	0.201	0.243	35.169	0.000	[illegible]
2525	[illegible]	0.201	0.243	35.168	0.000	[illegible]
2530	[illegible]	0.201	0.243	35.167	0.000	[illegible]
2535	[illegible]	0.201	0.243	35.166	0.000	[illegible]
2540	[illegible]	0.201	0.243	35.165	0.000	[illegible]
2545	[illegible]	0.201	0.243	35.164	0.000	[illegible]
2550	[illegible]	0.201	0.243	35.163	0.000	[illegible]
2555	[illegible]	0.201	0.243	35.162	0.000	[illegible]
2560	[illegible]	0.201	0.243	35.161	0.000	[illegible]
2565	[illegible]	0.201	0.243	35.161	0.000	[illegible]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
2570	[redacted]	0.201	0.243	35.160	0.000	[redacted]
2575	[redacted]	0.201	0.243	35.159	0.000	[redacted]
2580	[redacted]	0.201	0.243	35.158	0.000	[redacted]
2585	[redacted]	0.201	0.243	35.157	0.000	[redacted]
2590	[redacted]	0.201	0.243	35.156	0.000	[redacted]
2595	[redacted]	0.201	0.243	35.156	0.000	[redacted]
2600	[redacted]	0.201	0.243	35.155	0.000	[redacted]
2605	[redacted]	0.201	0.243	35.154	0.000	[redacted]
2610	[redacted]	0.201	0.243	35.153	0.000	[redacted]
2615	[redacted]	0.201	0.243	35.152	0.000	[redacted]
2620	[redacted]	0.201	0.243	35.152	0.000	[redacted]
2625	[redacted]	0.201	0.243	35.151	0.000	[redacted]
2630	[redacted]	0.201	0.243	35.150	0.000	[redacted]
2635	[redacted]	0.201	0.243	35.149	0.000	[redacted]
2640	[redacted]	0.201	0.243	35.149	0.000	[redacted]
2645	[redacted]	0.201	0.243	35.148	0.000	[redacted]
2650	[redacted]	0.201	0.243	35.147	0.000	[redacted]
2655	[redacted]	0.201	0.243	35.146	0.000	[redacted]
2660	[redacted]	0.201	0.243	35.146	0.000	[redacted]
2665	[redacted]	0.201	0.243	35.145	0.000	[redacted]
2670	[redacted]	0.201	0.243	35.144	0.000	[redacted]
2675	[redacted]	0.201	0.243	35.144	0.000	[redacted]
2680	[redacted]	0.201	0.243	35.143	0.000	[redacted]
2685	[redacted]	0.201	0.243	35.142	0.000	[redacted]
2690	[redacted]	0.201	0.243	35.141	0.000	[redacted]
2695	[redacted]	0.201	0.243	35.141	0.000	[redacted]
2700	[redacted]	0.201	0.243	35.140	0.000	[redacted]
2705	[redacted]	0.201	0.243	35.139	0.000	[redacted]
2710	[redacted]	0.201	0.243	35.139	0.000	[redacted]
2715	[redacted]	0.201	0.243	35.138	0.000	[redacted]
2720	[redacted]	0.201	0.243	35.138	0.000	[redacted]
2725	[redacted]	0.201	0.243	35.137	0.000	[redacted]
2730	[redacted]	0.201	0.243	35.136	0.000	[redacted]
2735	[redacted]	0.201	0.243	35.136	0.000	[redacted]
2740	[redacted]	0.201	0.243	35.135	0.000	[redacted]
2745	[redacted]	0.201	0.243	35.134	0.000	[redacted]
2750	[redacted]	0.201	0.243	35.134	0.000	[redacted]
2755	[redacted]	0.201	0.243	35.133	0.000	[redacted]
2760	[redacted]	0.201	0.243	35.133	0.000	[redacted]
2765	[redacted]	0.201	0.243	35.132	0.000	[redacted]
2770	[redacted]	0.201	0.243	35.131	0.000	[redacted]
2775	[redacted]	0.201	0.243	35.131	0.000	[redacted]
2780	[redacted]	0.201	0.243	35.130	0.000	[redacted]
2785	[redacted]	0.201	0.243	35.130	0.000	[redacted]
2790	[redacted]	0.201	0.243	35.129	0.000	[redacted]
2795	[redacted]	0.201	0.243	35.128	0.000	[redacted]
2800	[redacted]	0.201	0.243	35.128	0.000	[redacted]
2805	[redacted]	0.201	0.243	35.127	0.000	[redacted]
2810	[redacted]	0.201	0.243	35.127	0.000	[redacted]
2815	[redacted]	0.201	0.243	35.126	0.000	[redacted]
2820	[redacted]	0.201	0.243	35.126	0.000	[redacted]
2825	[redacted]	0.201	0.243	35.125	0.000	[redacted]
2830	[redacted]	0.201	0.243	35.125	0.000	[redacted]
2835	[redacted]	0.201	0.243	35.124	0.000	[redacted]
2840	[redacted]	0.201	0.243	35.124	0.000	[redacted]
2845	[redacted]	0.201	0.243	35.123	0.000	[redacted]
2850	[redacted]	0.201	0.243	35.123	0.000	[redacted]
2855	[redacted]	0.201	0.243	35.122	0.000	[redacted]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details: Type: Stormwater Control Results Storm Phase: Storm (1)	Company : CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (m)	DS Depth (m)	Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
2860	[redacted]	0.201	0.243	35.122	0.000	[redacted]
2865	[redacted]	0.201	0.243	35.121	0.000	[redacted]
2870	[redacted]	0.201	0.243	35.121	0.000	[redacted]
2875	[redacted]	0.201	0.243	35.120	0.000	[redacted]
2880	[redacted]	0.201	0.243	35.120	0.000	[redacted]



RG 07
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 360 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
[redacted]	[redacted]	1.200	1.200	0.000	0.000	[redacted]
[redacted]	[redacted]	1.200	1.200	1.100	0.000	[redacted]
10	[redacted]	1.200	1.200	1.131	0.000	[redacted]
15	[redacted]	1.200	1.200	1.193	0.000	[redacted]
20	[redacted]	1.200	1.200	1.280	0.000	[redacted]
25	[redacted]	1.200	1.200	1.383	0.000	[redacted]
30	[redacted]	1.200	1.200	1.498	0.000	[redacted]
35	[redacted]	1.200	1.200	1.619	0.000	[redacted]
40	[redacted]	1.200	1.200	1.744	0.000	[redacted]
45	[redacted]	1.200	1.200	1.871	0.000	[redacted]
50	[redacted]	1.200	1.200	1.999	0.000	[redacted]
55	[redacted]	1.200	1.200	2.125	0.000	[redacted]
60	[redacted]	1.200	1.200	2.251	0.000	[redacted]
65	[redacted]	1.200	1.200	2.380	0.000	[redacted]
70	[redacted]	1.200	1.200	2.511	0.000	[redacted]
75	[redacted]	1.200	1.200	2.645	0.000	[redacted]
80	[redacted]	1.200	1.200	2.788	0.000	[redacted]
85	[redacted]	1.200	1.200	2.939	0.000	[redacted]
90	[redacted]	1.200	1.200	3.102	0.000	[redacted]
95	[redacted]	1.200	1.200	3.282	0.000	[redacted]
100	[redacted]	1.200	1.200	3.480	0.000	[redacted]
105	[redacted]	1.200	1.200	3.702	0.000	[redacted]
110	[redacted]	1.200	1.200	3.949	0.000	[redacted]
115	[redacted]	1.200	1.200	4.223	0.000	[redacted]
120	[redacted]	1.200	1.200	4.528	0.000	[redacted]
125	[redacted]	1.200	1.200	4.867	0.000	[redacted]
130	[redacted]	1.213	1.200	5.239	0.000	[redacted]
135	[redacted]	1.217	1.200	5.652	0.000	[redacted]
140	[redacted]	1.218	1.200	6.110	0.000	[redacted]
145	[redacted]	1.219	1.200	6.594	0.000	[redacted]
150	[redacted]	1.219	1.200	7.127	0.000	[redacted]
155	[redacted]	1.220	1.200	7.697	0.000	[redacted]
160	[redacted]	1.221	1.200	8.302	0.000	[redacted]
165	[redacted]	1.221	1.200	8.941	0.000	[redacted]
170	[redacted]	1.218	1.200	9.607	0.000	[redacted]
175	[redacted]	1.218	1.200	10.301	0.000	[redacted]
180	[redacted]	1.219	1.200	11.010	0.000	[redacted]
185	[redacted]	1.219	1.200	11.730	0.000	[redacted]
190	[redacted]	1.219	1.200	12.436	0.000	[redacted]
195	[redacted]	1.218	1.200	13.128	0.000	[redacted]
200	[redacted]	1.216	1.200	13.798	0.000	[redacted]
[redacted]	[redacted]	1.216	1.200	14.437	0.000	[redacted]
210	[redacted]	1.215	1.200	15.042	0.000	[redacted]
215	[redacted]	1.215	1.200	15.613	0.000	[redacted]
220	[redacted]	1.214	1.200	16.146	0.000	[redacted]
225	[redacted]	1.213	1.200	16.639	0.000	[redacted]
230	[redacted]	1.213	1.215	17.037	0.000	[redacted]
235	[redacted]	1.212	1.219	17.054	0.000	[redacted]
240	[redacted]	1.211	1.218	17.022	0.000	[redacted]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
245	1.1	1.211	1.217	16.987	0.000	1.2
250	1.0	1.210	1.216	16.951	0.000	1.1
255	0.9	1.209	1.216	16.917	0.000	1.0
260	0.8	1.209	1.215	16.886	0.000	0.9
265	0.7	1.208	1.214	16.857	0.000	0.8
270	0.8	1.208	1.213	16.829	0.000	0.7
275	0.8	1.207	1.213	16.801	0.000	0.7
280	0.8	1.207	1.212	16.775	0.000	0.8
285	0.8	1.207	1.200	16.550	0.000	1.7
290	0.8	1.206	1.200	16.195	0.000	2.3
295	0.4	1.206	1.200	15.721	0.000	1.9
300	0.4	1.206	1.200	15.397	0.000	1.2
305	0.4	1.206	1.200	15.159	0.000	1.2
310	0.4	1.206	1.200	14.925	0.000	1.2
315	0.4	1.206	1.200	14.688	0.000	1.2
320	0.4	1.206	1.200	14.453	0.000	1.2
325	0.4	1.206	1.200	14.218	0.000	1.2
330	0.4	1.206	1.200	13.979	0.000	1.2
335	0.4	1.206	1.200	13.738	0.000	1.2
340	0.4	1.206	1.200	13.490	0.000	1.2
345	0.3	1.205	1.200	13.296	0.000	0.5
350	0.3	1.205	1.200	13.259	0.000	0.4
355	0.2	1.204	1.200	13.226	0.000	0.2
360	0.1	1.203	1.200	13.180	0.000	0.2
365	0.0	1.201	1.200	13.132	0.000	0.2
370	0.0	1.201	1.200	13.092	0.000	0.1
375	0.0	1.200	1.200	13.065	0.000	0.1
380	0.0	1.200	1.200	13.046	0.000	0.1
385	0.0	1.200	1.200	13.032	0.000	0.0
390	0.0	1.200	1.200	13.021	0.000	0.0
395	0.0	1.200	1.200	13.012	0.000	0.0
400	0.0	1.200	1.200	13.003	0.000	0.0
405	0.0	1.200	1.200	12.994	0.000	0.0
410	0.0	1.200	1.200	12.985	0.000	0.0
415	0.0	1.200	1.200	12.977	0.000	0.0
420	0.0	1.200	1.200	12.968	0.000	0.0
425	0.0	1.200	1.200	12.959	0.000	0.0
430	0.0	1.200	1.200	12.950	0.000	0.0
435	0.0	1.200	1.200	12.941	0.000	0.0
440	0.0	1.200	1.200	12.933	0.000	0.0
445	0.0	1.200	1.200	12.924	0.000	0.0
450	0.0	1.200	1.200	12.915	0.000	0.0
455	0.0	1.200	1.200	12.906	0.000	0.0
460	0.0	1.200	1.200	12.898	0.000	0.0
465	0.0	1.200	1.200	12.889	0.000	0.0
470	0.0	1.200	1.200	12.880	0.000	0.0
475	0.0	1.200	1.200	12.872	0.000	0.0
480	0.0	1.200	1.200	12.863	0.000	0.0
485	0.0	1.200	1.200	12.854	0.000	0.0
490	0.0	1.200	1.200	12.845	0.000	0.0
495	0.0	1.200	1.200	12.837	0.000	0.0
500	0.0	1.200	1.200	12.828	0.000	0.0
505	0.0	1.200	1.200	12.819	0.000	0.0
510	0.0	1.200	1.200	12.811	0.000	0.0
515	0.0	1.200	1.200	12.802	0.000	0.0
520	0.0	1.200	1.200	12.794	0.000	0.0
525	0.0	1.200	1.200	12.785	0.000	0.0

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by:	Checked by:	Approved By:
	MM	JDL	JDL
Report Details:	Company :		
Type: Stormwater Control Results Storm Phase: Storm (1)	CIVIC		

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
530	[illegible]	1.200	1.200	12.776	0.000	[illegible]
535	[illegible]	1.200	1.200	12.768	0.000	[illegible]
540	[illegible]	1.200	1.200	12.759	0.000	[illegible]
545	[illegible]	1.200	1.200	12.751	0.000	[illegible]
550	[illegible]	1.200	1.200	12.742	0.000	[illegible]
555	[illegible]	1.200	1.200	12.733	0.000	[illegible]
560	[illegible]	1.200	1.200	12.725	0.000	[illegible]
565	[illegible]	1.200	1.200	12.716	0.000	[illegible]
570	[illegible]	1.200	1.200	12.708	0.000	[illegible]
575	[illegible]	1.200	1.200	12.699	0.000	[illegible]
580	[illegible]	1.200	1.200	12.691	0.000	[illegible]
585	[illegible]	1.200	1.200	12.682	0.000	[illegible]
590	[illegible]	1.200	1.200	12.674	0.000	[illegible]
595	[illegible]	1.200	1.200	12.665	0.000	[illegible]
600	[illegible]	1.200	1.200	12.657	0.000	[illegible]
605	[illegible]	1.200	1.200	12.648	0.000	[illegible]
610	[illegible]	1.200	1.200	12.640	0.000	[illegible]
615	[illegible]	1.200	1.200	12.631	0.000	[illegible]
620	[illegible]	1.200	1.200	12.623	0.000	[illegible]
625	[illegible]	1.200	1.200	12.614	0.000	[illegible]
630	[illegible]	1.200	1.200	12.606	0.000	[illegible]
635	[illegible]	1.200	1.200	12.597	0.000	[illegible]
640	[illegible]	1.200	1.200	12.589	0.000	[illegible]
645	[illegible]	1.200	1.200	12.580	0.000	[illegible]
650	[illegible]	1.200	1.200	12.572	0.000	[illegible]
655	[illegible]	1.200	1.200	12.563	0.000	[illegible]
660	[illegible]	1.200	1.200	12.555	0.000	[illegible]
665	[illegible]	1.200	1.200	12.547	0.000	[illegible]
670	[illegible]	1.200	1.200	12.538	0.000	[illegible]
675	[illegible]	1.200	1.200	12.530	0.000	[illegible]
680	[illegible]	1.200	1.200	12.521	0.000	[illegible]
685	[illegible]	1.200	1.200	12.513	0.000	[illegible]
690	[illegible]	1.200	1.200	12.505	0.000	[illegible]
695	[illegible]	1.200	1.200	12.496	0.000	[illegible]
700	[illegible]	1.200	1.200	12.488	0.000	[illegible]
705	[illegible]	1.200	1.200	12.479	0.000	[illegible]
710	[illegible]	1.200	1.200	12.471	0.000	[illegible]
715	[illegible]	1.200	1.200	12.463	0.000	[illegible]
720	[illegible]	1.200	1.200	12.454	0.000	[illegible]

Project:	Date:		
PICADILLY GARDENS SURFACE WATER HYDRAULIC 4475-CIV-XX-XX-D-T-30001	09/10/2026		
	Designed by: MM	Checked by: JDL	Approved By: JDL
Report Details: Type: Stormwater Control Results Storm Phase: Storm (1)	Company : CIVIC		



RG 08
Critical Storm: FEH: 100 years: Increase Rainfall (%): +45: 120 mins: Winter

Type : Bioretention

Tables

Time (mins)	Total Inflow (L/s)	US Depth (Ponding Area)(m)	DS Depth (Ponding Area)(m)	Total Resident Volume(m³)	Flooded Volume (m³)	Total Outflow (L/s)
[illegible]	[illegible]	1.300	1.300	0.000	0.000	[illegible]
[illegible]	0.8	1.300	1.300	6.638	0.000	0.0
10	2.0	1.300	1.300	7.060	0.000	0.0
15	2.3	1.300	1.300	7.702	0.000	0.0
20	2.3	1.300	1.300	8.398	0.000	0.0
25	2.4	1.300	1.300	9.111	0.000	0.0
30	2.5	1.300	1.300	9.906	0.000	0.0
35	2.8	1.300	1.300	10.909	0.000	0.0
40	3.3	1.300	1.300	12.292	0.000	0.0
45	4.2	1.300	1.300	14.139	0.000	0.0
50	5.3	1.300	1.300	16.614	0.000	0.0
55	1[illegible]	1.300	1.300	19.714	0.000	0.0
60	12.8	1.300	1.300	23.347	0.000	0.0
65	1[illegible]	1.310	1.300	27.272	0.000	[illegible]
70	50.8	1.329	1.300	39.591	0.000	-39.4
75	49.9	1.327	1.319	54.974	0.000	-4[illegible]
80	44.7	1.324	1.358	69.132	0.000	-37.5
85	38.0	1.321	1.352	81.570	0.000	-32.6
90	23.5	1.318	1.356	91.279	0.000	-19.6
95	[illegible]	1.316	1.341	95.478	0.000	-2.6
100	2.4	1.314	1.328	96.381	0.000	-4.0
105	2.3	1.313	1.316	96.043	0.000	-4.7
110	2.3	1.313	1.300	95.127	0.000	-5.9
115	2.0	1.312	1.300	93.941	0.000	-6.4
120	0.5	1.310	1.300	92.256	0.000	-7.9
125	0.0	1.307	1.300	89.764	0.000	-8.3
130	0.0	1.304	1.300	86.783	0.000	-8.5
135	0.0	1.303	1.300	83.905	0.000	-8.5
140	0.0	1.302	1.300	81.658	0.000	-8.3
145	0.0	1.302	1.300	79.916	0.000	-8.3
150	0.0	1.301	1.300	78.891	0.000	-8.1
155	0.0	1.301	1.300	78.782	0.000	-8.1
160	0.0	1.301	1.300	78.727	0.000	-8.2
165	0.0	1.301	1.300	78.683	0.000	-8.1
170	0.0	1.301	1.300	78.642	0.000	-8.1
175	0.0	1.301	1.300	78.603	0.000	-8.1
180	0.0	1.300	1.300	78.565	0.000	-8.1
185	0.0	1.300	1.300	78.527	0.000	-8.1
190	0.0	1.300	1.300	78.488	0.000	-8.1
195	0.0	1.300	1.300	78.449	0.000	-8.1
200	0.0	1.300	1.300	78.411	0.000	-8.1
[illegible]	0.0	1.300	1.300	78.372	0.000	-8.1
210	0.0	1.300	1.300	78.333	0.000	-8.1
215	0.0	1.300	1.300	78.294	0.000	-8.1
220	0.0	1.300	1.300	78.255	0.000	-8.1
225	0.0	1.300	1.300	78.216	0.000	-8.1
230	0.0	1.300	1.300	78.178	0.000	-8.1
235	0.0	1.300	1.300	78.139	0.000	-8.1
240	0.0	1.300	1.300	78.099	0.000	-8.1