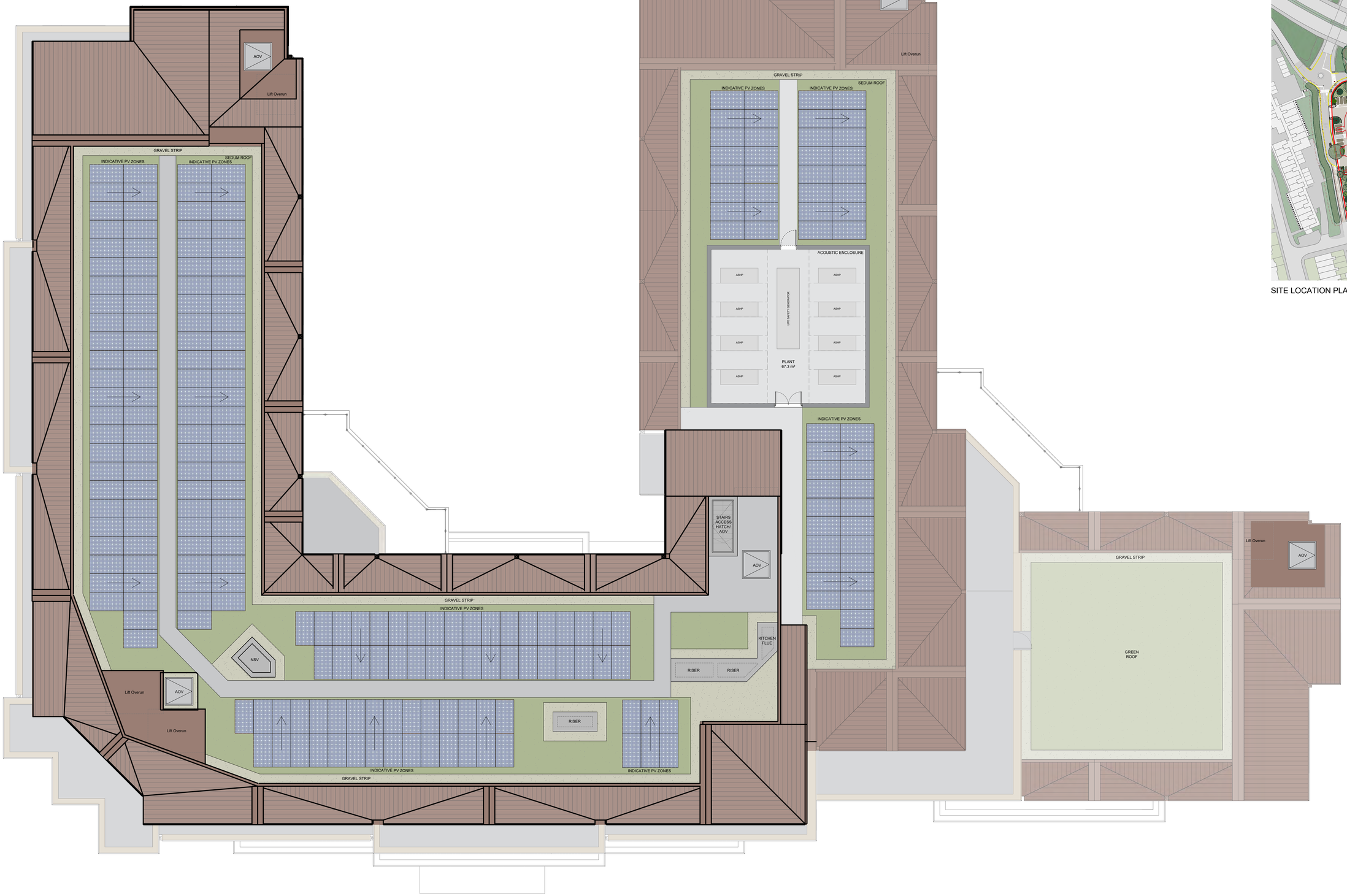

SITE LOCATION PLAN 1:1250@A1

N

0 1m 5m 10m

1:100@A1

PROPOSED ROOF PLAN
1:100@A1

Revision			
	17.07.2026	AOR	First Issue
B	18.08.2026	AM	Amended following Technical Review
C	14.09.2026	AOR	For Client Approval
D	XX.XX.2026	AOR	Planning Submission

N

project name: CRICKET FIELD ROAD CAR PARK, UXBRIDGE, UB8

drawing reference: RESIDENTIAL CARE HOME
PROPOSED ROOF PLAN

date: SEPTEMBER 2026
sheet: 1 of 1
drawn: AOR
scale: 1:100@A1
checked: JW

job number: M10960
drawing number: APL016
revision: D

status: PLANNING

cad ref: M10960_APL016_Proposed Roof Plan_Cricket Field Rd_1-100@A1.dwg

Use figured dimensions only. All levels and dimensions to be checked on site. This drawing is to be read in conjunction with all other relevant drawings and specifications.
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hunters

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mail@hunters.co.uk

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Appendix E – Flood Risk Maps

GOV·UK

Flood map for planning

Get data for your location

Add or edit a location boundary

Show

Datasets

Flood zones 2 and 3

Show

Climate change

2070 to 2125

Hide

- ○ Present day
- ◉ 2070 to 2125

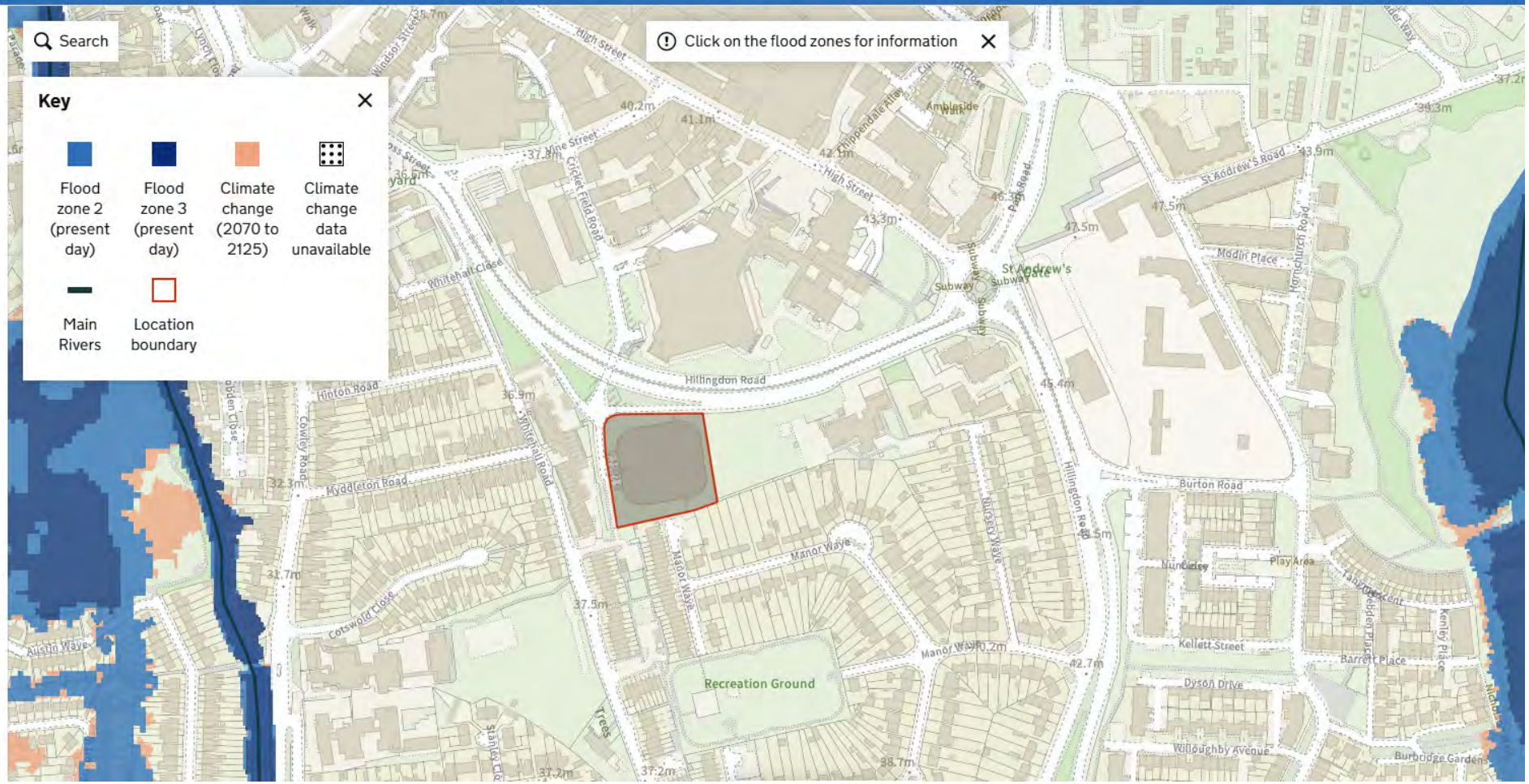
Map features

Main Rivers

Show

Layer opacity

75



GOV·UK

Flood map for planning

Climate change

2061 to 2125

Hide

- ○ Present day
- ◉ 2061 to 2125

Annual likelihood of flooding

1 in 30

Hide

- ◉ 1 in 30
- ○ 1 in 100
- ○ 1 in 1000

Depth in millimetres

Extent over 150mm

Hide

- ○ All depths
- ○ Full extent of flooding
- ◉ Extent over 150mm
- ○ Extent over 300mm
- ○ Extent over 600mm

GOV·UK

Flood map for planning

Datasets

Surface water

Hide

- Flood zones 2 and 3
- Surface water
- None

Climate change

Present day

Hide

- Present day
- 2061 to 2125

Annual likelihood of flooding

1 in 100

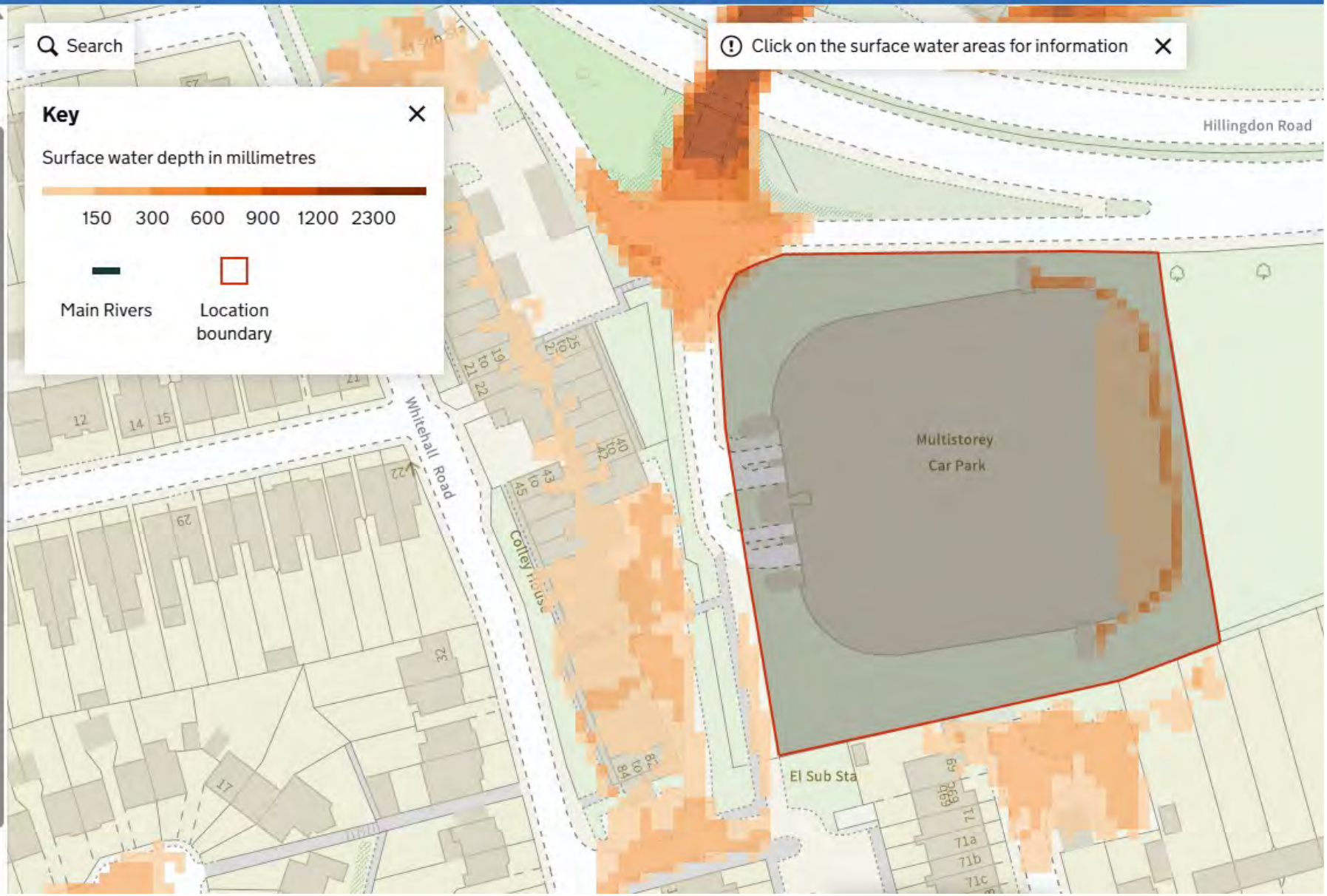
Hide

- 1 in 30
- 1 in 100
- 1 in 1000

Depth in millimetres

All depths

Show



GOV·UK

Flood map for planning

Datasets

Surface water

Hide

- Flood zones 2 and 3
- Surface water
- None

Climate change

2061 to 2125

Hide

- Present day
- 2061 to 2125

Annual likelihood of flooding

1 in 100

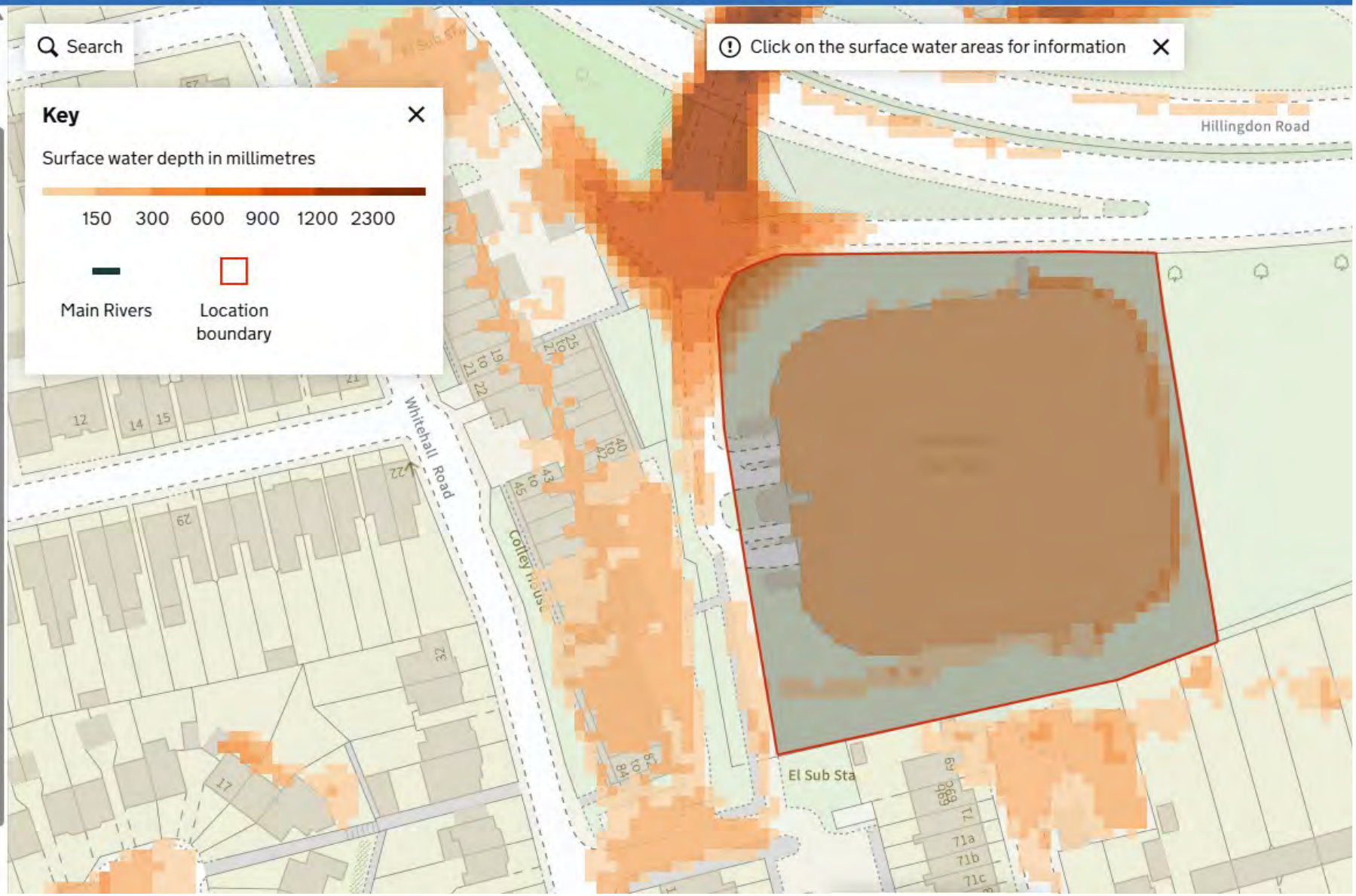
Hide

- 1 in 30
- 1 in 100
- 1 in 1000

Depth in millimetres

All depths

Show



GOV·UK

Flood map for planning

- None

Climate change

2061 to 2125

Hide

- Present day
- 2061 to 2125

Annual likelihood of flooding

1 in 100

Hide

- 1 in 30
- 1 in 100
- 1 in 1000

Depth in millimetres

Extent over 150mm

Hide

- All depths
- Full extent of flooding
- Extent over 150mm
- Extent over 300mm

GOV·UK

Flood map for planning

Climate change

2061 to 2125

Hide

- ○ Present day
- ◉ 2061 to 2125

Annual likelihood of flooding

1 in 100

Hide

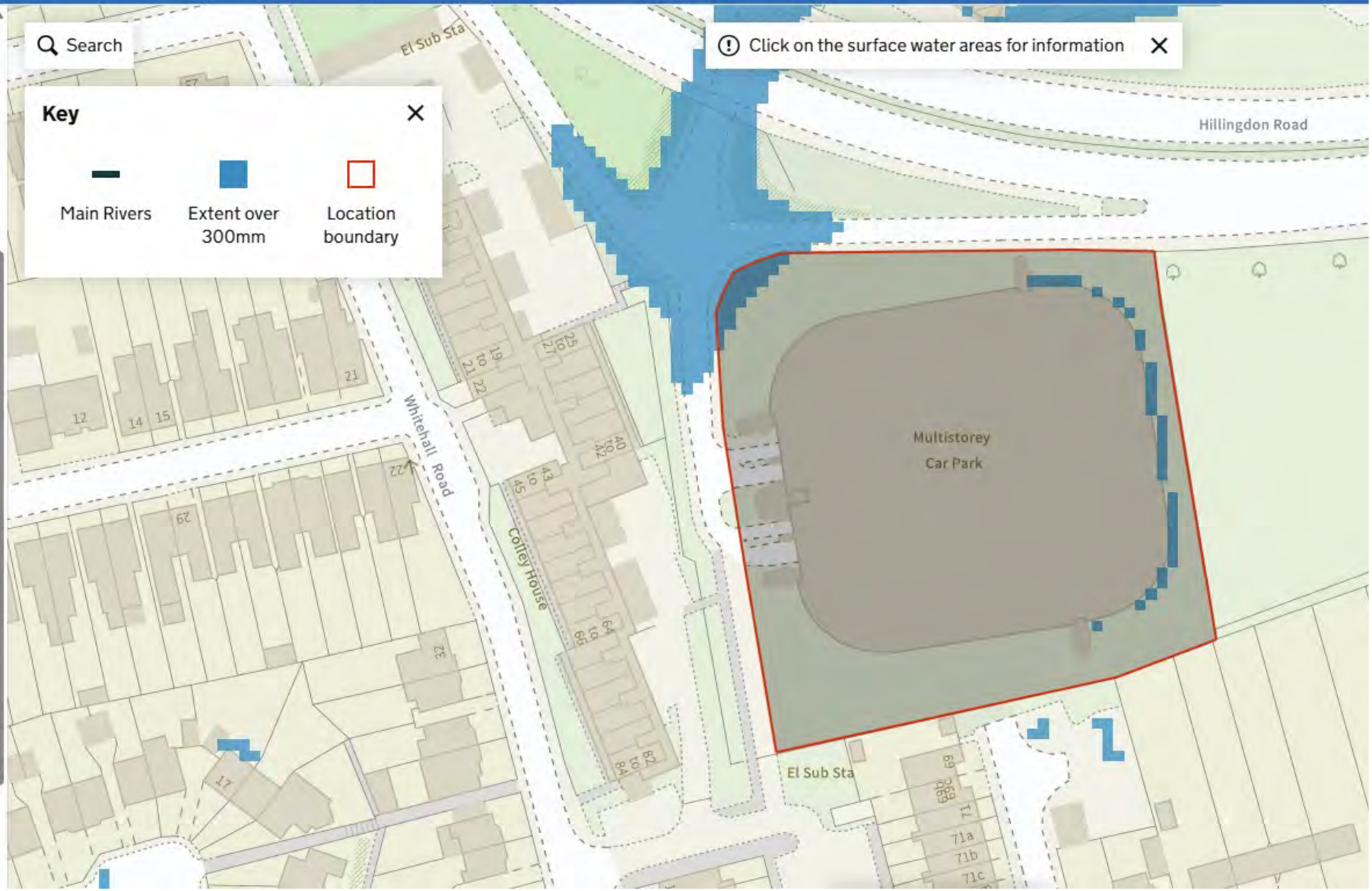
- ○ 1 in 30
- ◉ 1 in 100
- ○ 1 in 1000

Depth in millimetres

Extent over 300mm

Hide

- ○ All depths
- ○ Full extent of flooding
- ○ Extent over 150mm
- ◉ Extent over 300mm
- ○ Extent over 600mm



GOV·UK

Flood map for planning

Datasets

Surface water

- Hide
- Flood zones 2 and 3
- Surface water
- None

Climate change

Present day

Hide

- Present day
- 2061 to 2125

Annual likelihood of flooding

1 in 1000

Hide

- 1 in 30
- 1 in 100
- 1 in 1000

Depth in millimetres

All depths

Show

GOV·UK

Flood map for planning

Datasets

Surface water

Hide

- Flood zones 2 and 3
- Surface water
- None

Climate change

2061 to 2125

Hide

- Present day
- 2061 to 2125

Annual likelihood of flooding

1 in 1000

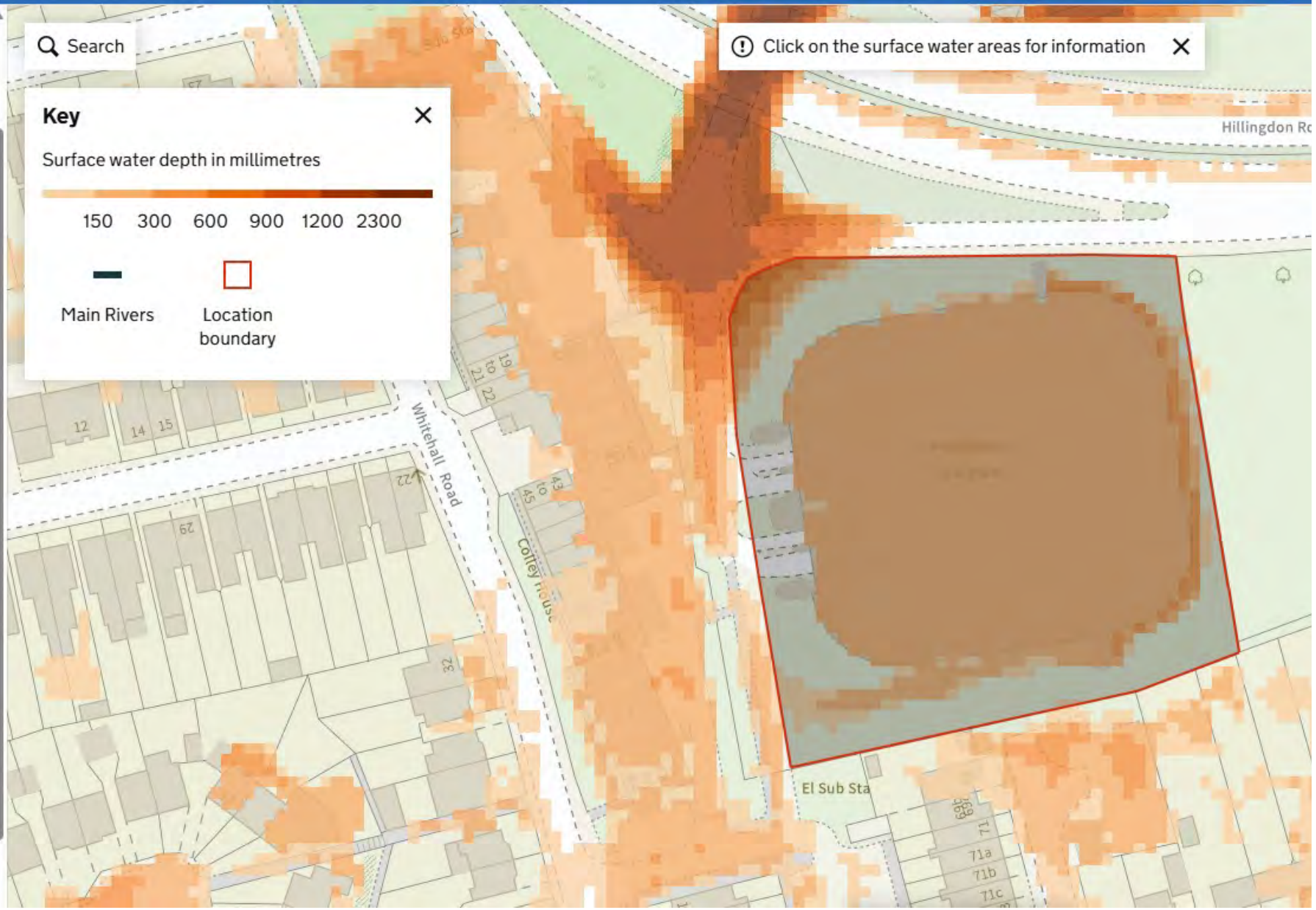
Hide

- 1 in 30
- 1 in 100
- 1 in 1000

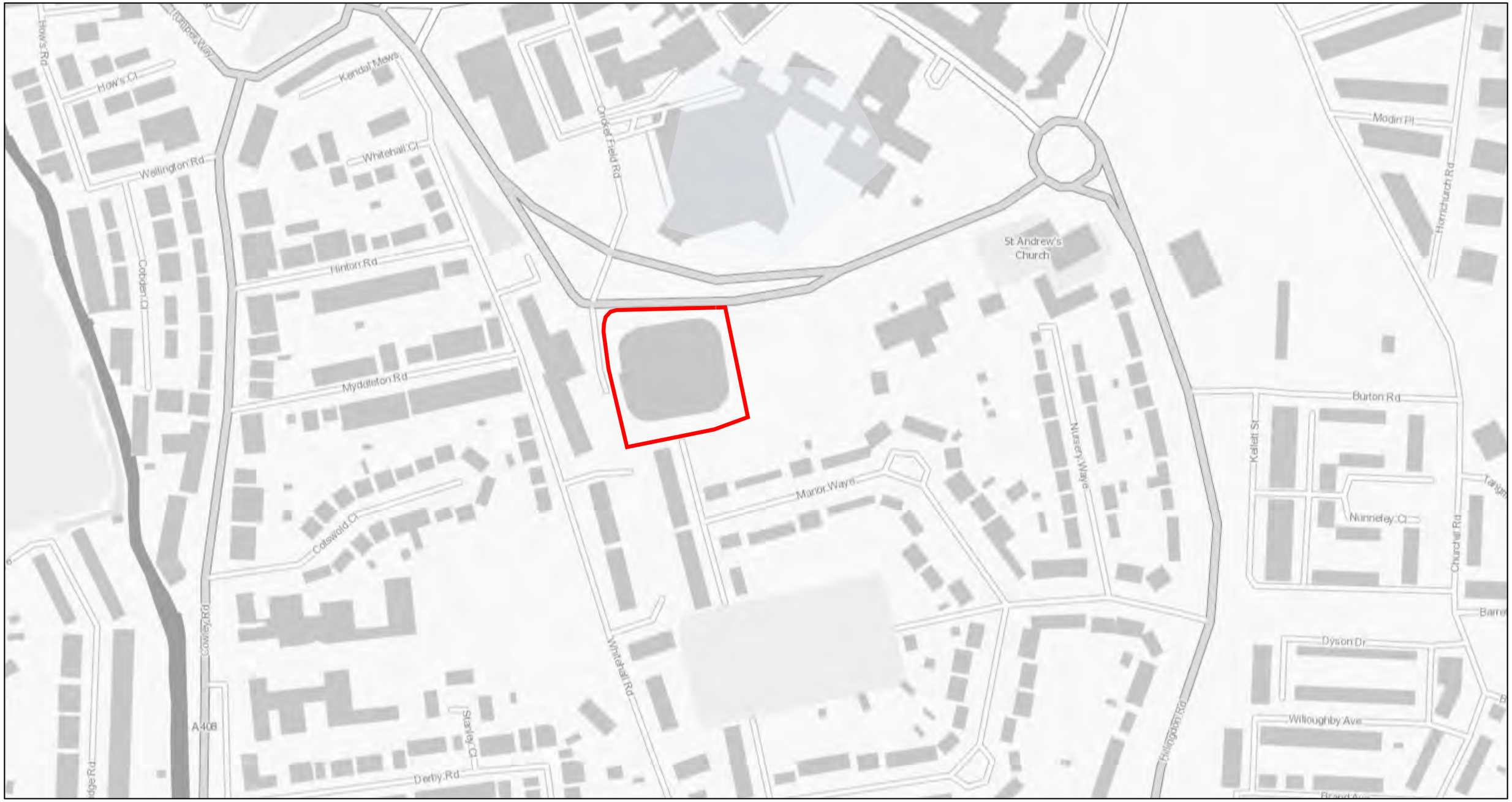
Depth in millimetres

All depths

Show



West London SFRA Sewer



7/30/2026, 2:16:01 PM

1:2,500

Borough Boundary

Study Area Boundary

Thames Water 2017 - Sewer Flooding Records (No. of Instances)

0

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

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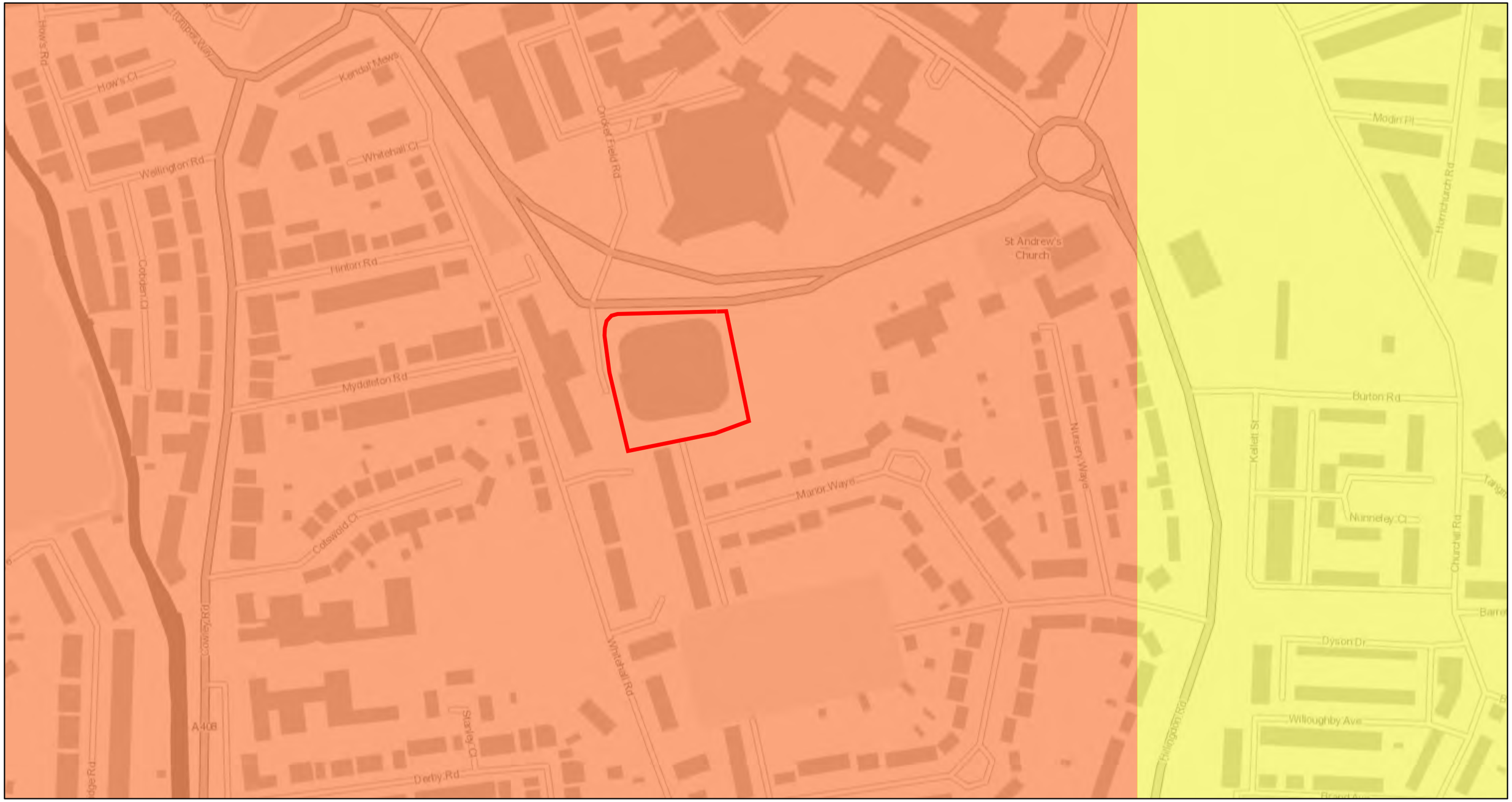
West London SFRA Groundwater



7/30/2026, 2:13:22 PM

1:2,500

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

Borough Boundary

Study Area Boundary

EA 2017 - Susceptiblity to Groundwater Flooding

< 25%

>= 50% <75%

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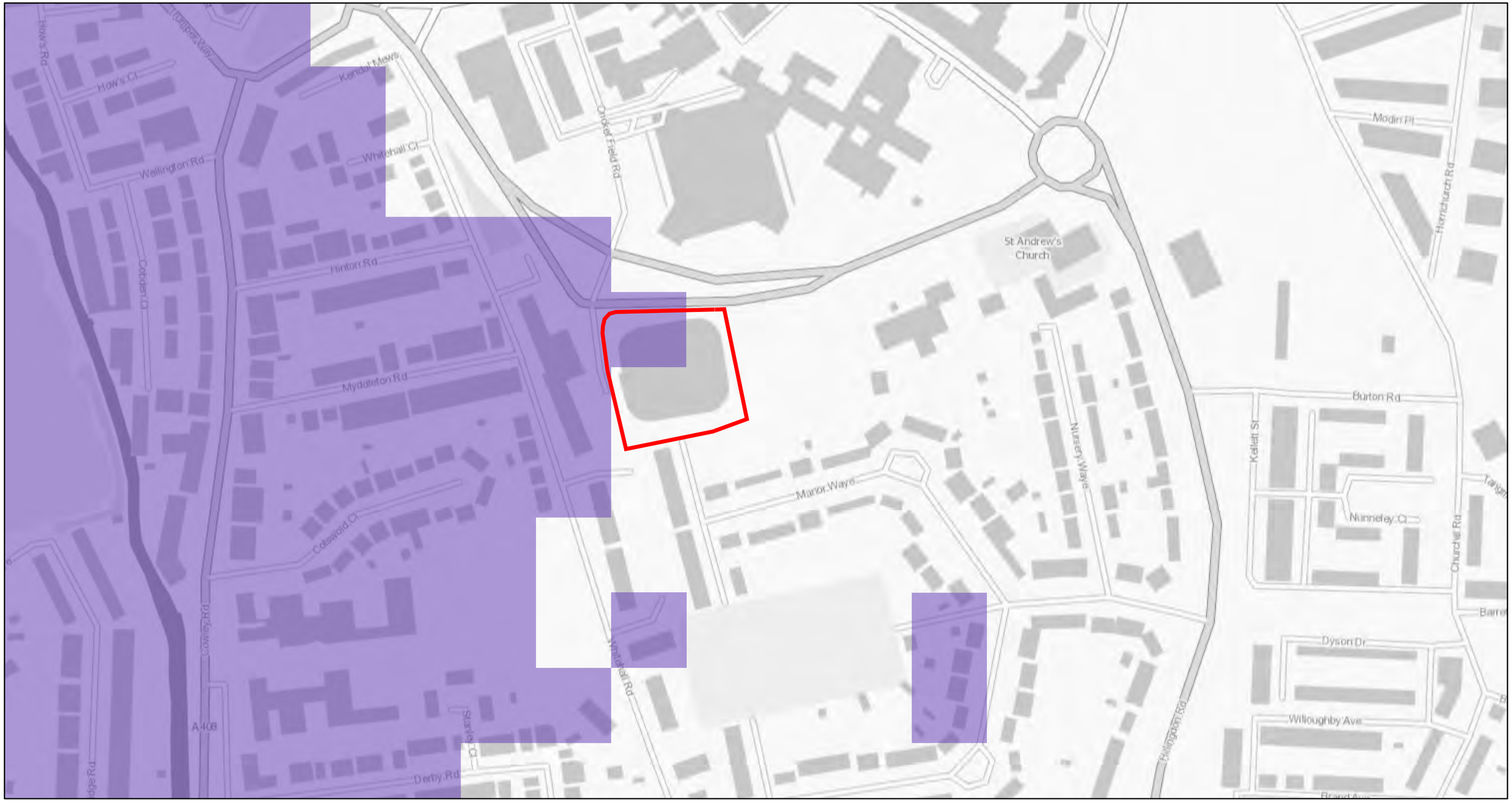
West London SFRA Elevated Groundwater



7/30/2026, 2:14:57 PM

1:2,500

Borough Boundary

Study Area Boundary

GLA 2011 - Increased Potential for Elevated Groundwater

Permeable Superficial

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

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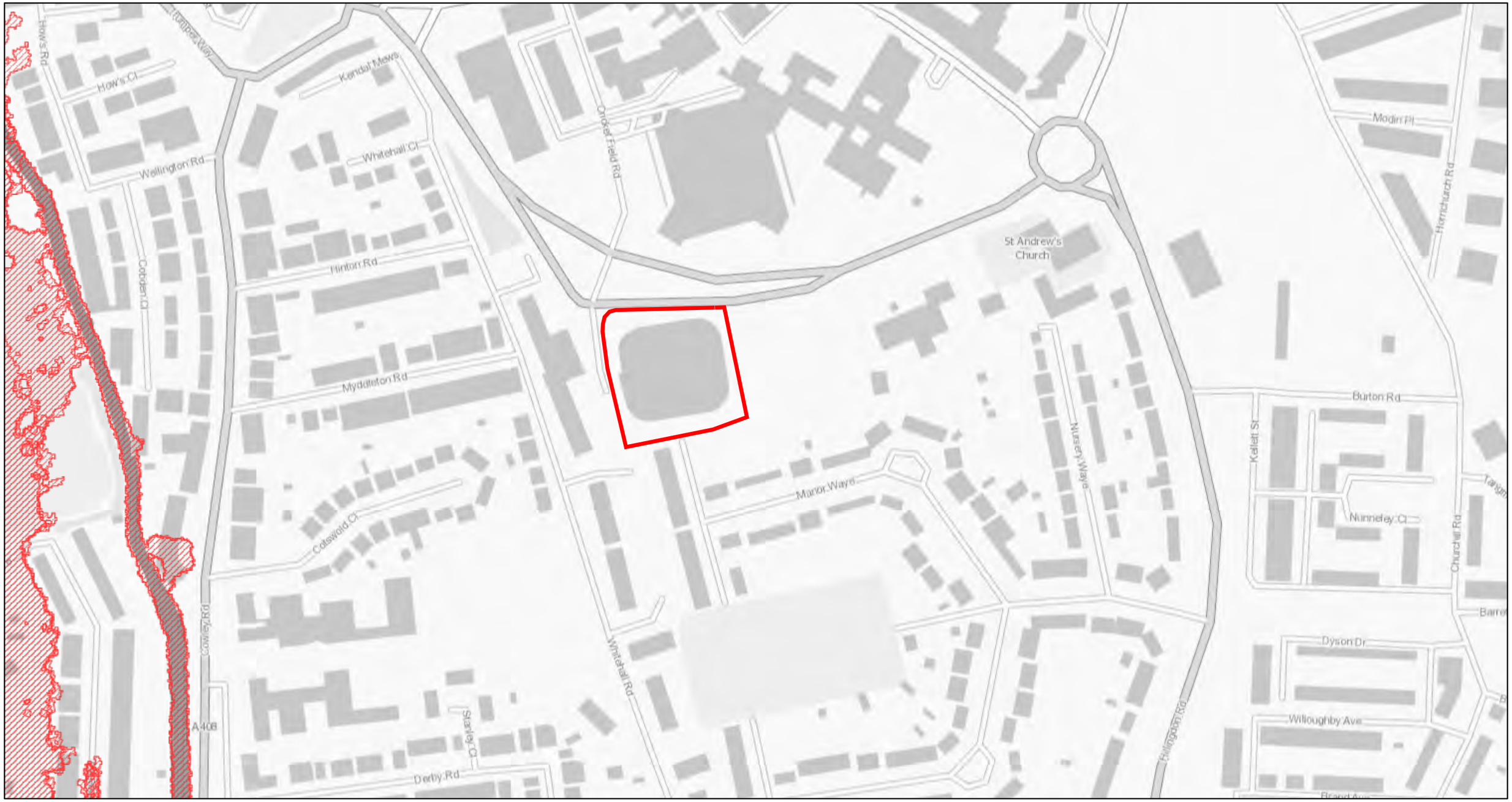
West London SFRA Reservoir



7/30/2026, 2:17:16 PM

1:2,500

Borough Boundary

Study Area Boundary

Reservoir_Flood_Extents_Wet_Day

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

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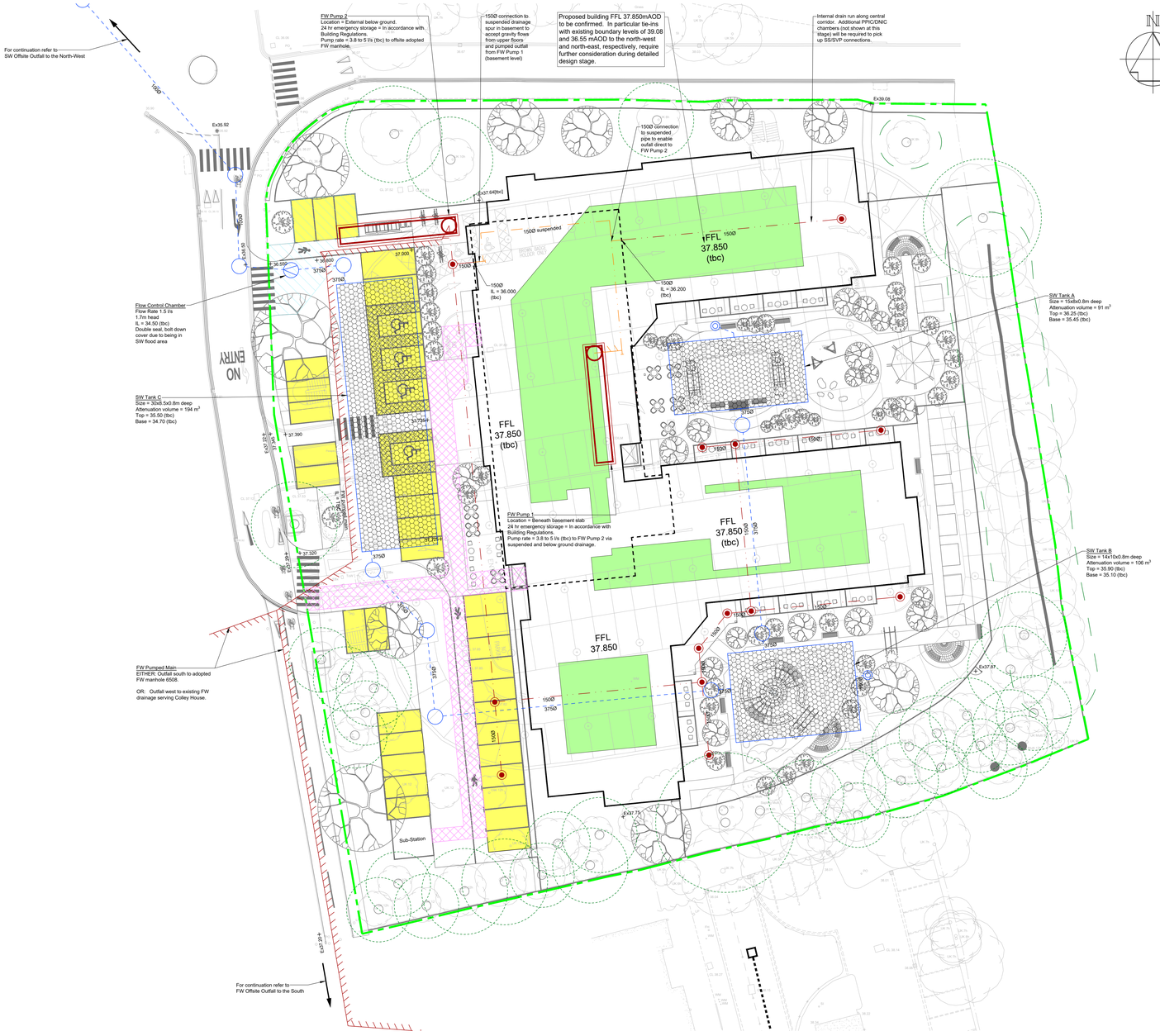
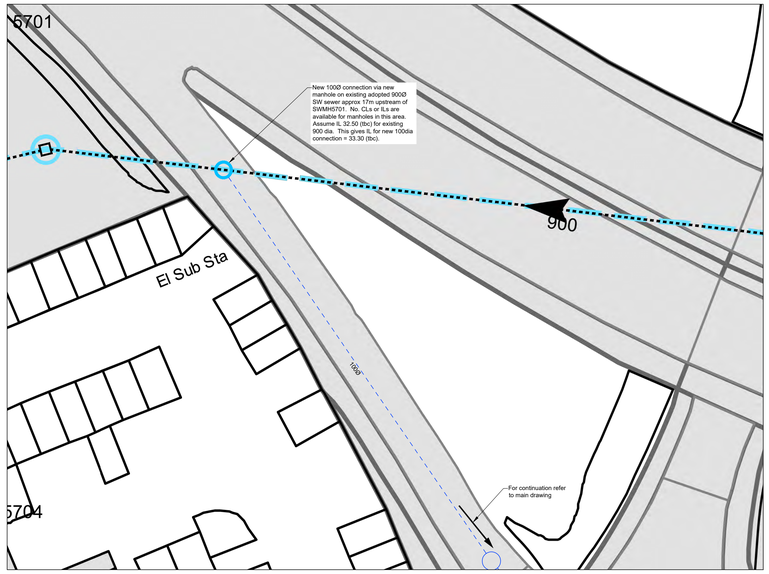
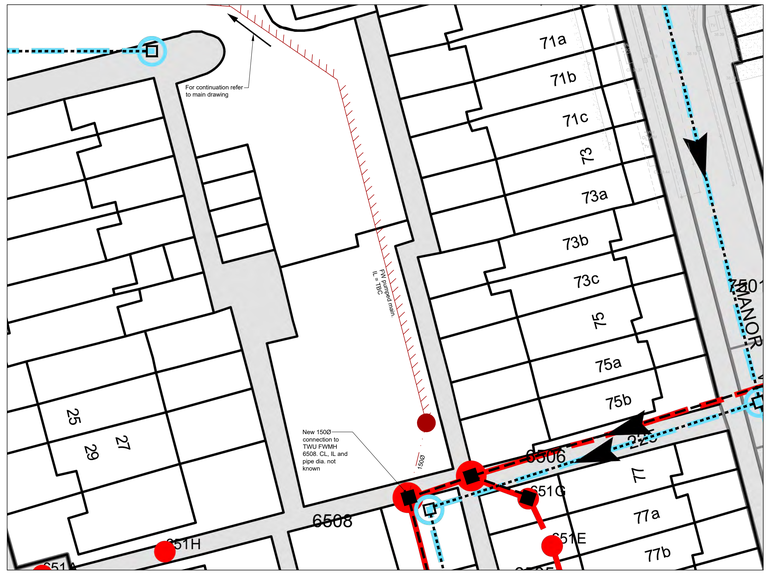
Appendix F – Drainage Strategy



Site Layout



SW Offsite Outfall to the North-West



FW Offsite Outfall to the South

General Notes

LEGEND

Adoptable Drainage	Foul	S.W.
Existing Chamber to be Retained		
PC Ring Manhole		

Private Drainage	Foul	S.W.
Existing Chamber to be Retained		
PC Ring Manhole		
Polypropylene Inspection Chamber (PPIC/DNIC)		
Pumped Main		
Pump Chamber		
Suspended Pipe		
Pumped Main Suspended		

Private Drainage	S.W.
PC Ring Catchpit	
PC Ring Manhole - Flow Control Chamber	
Geocellular Attenuation Units	
Permeable Hard Surfacing (Type C, no infiltration)	
Green Roof	
Unrestricted Run-off	

Other
Site Boundary
Ground Floor Outline
Basement Outline
Proposed Indicative Incoming Services Zone
Existing Tree RPZ

Rev	Date	Description	By	Ckd
P01	16.10.26	First issue.	IU	PAJT

PRELIMINARY

SUITABILITY CODE: **S1**

CLIENT

LONDON BOROUGH OF HILLINGDON

Tullys

www.tullys.uk info@tullys.uk 01342 828000

PROJECT

Cricket Field Road Car Park
Uxbridge

DRAWING TITLE

Drainage Strategy

Originator No.	Scale	Revision
15695	1:200 @A0	P01

PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - NUMBER

15695-TUL-XX-00-DR-C-50001

Appendix G – Surface Water Drainage Calculations

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026 Designed by: PAJT	Checked by:	Approved By:
Report Title: UK and Ireland Rural Runoff Calculator	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

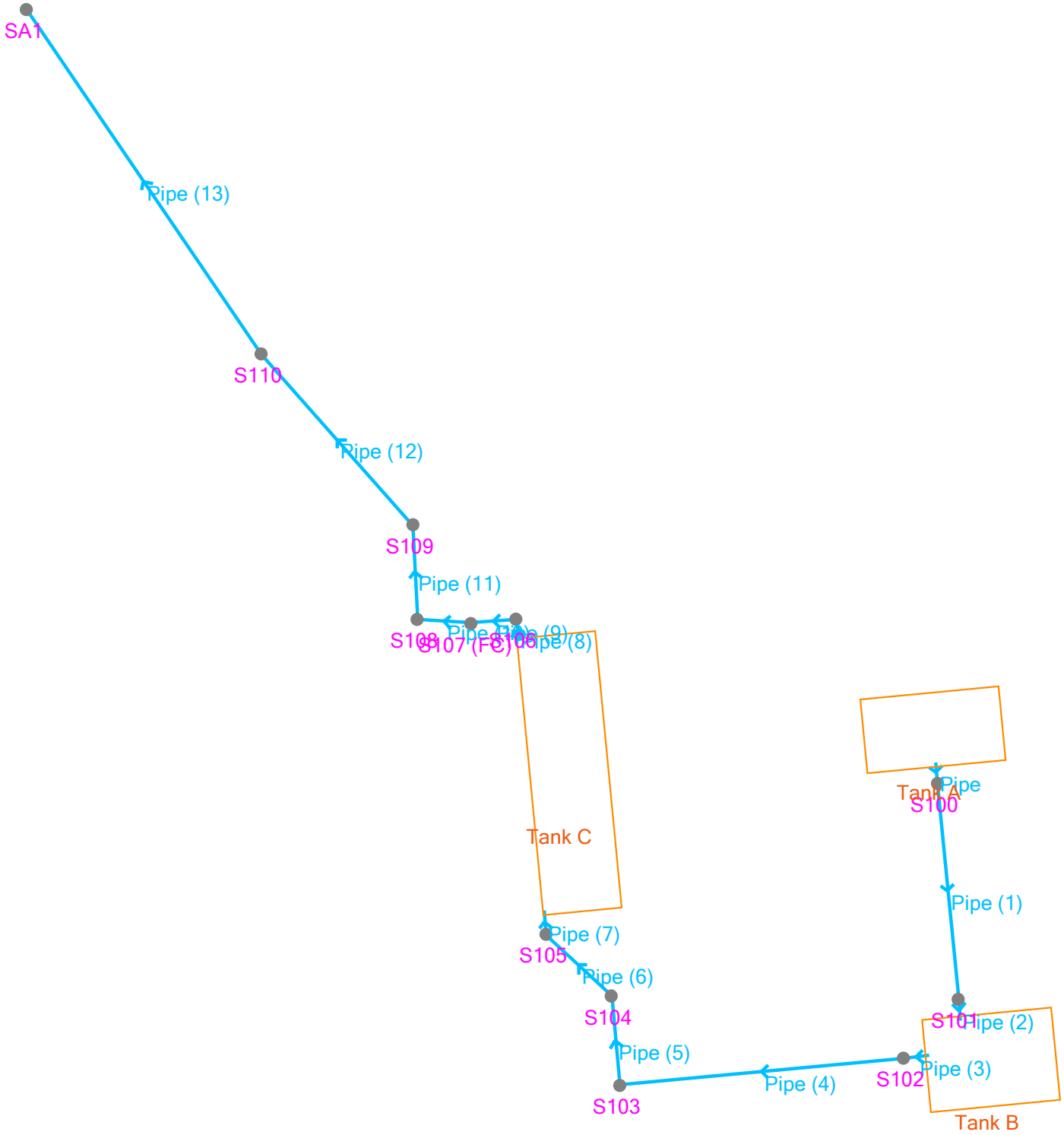
ICP SUDS / IH 124

Details

Method	ICP SUDS
Area (ha)	0.70
SAAR (mm)	700.0
Soil	0.3
Region	Region 6
Urban	0
Return Period (years)	2

Results

Region	QBAR Rural (L/s)	QBAR Urban (L/s)	Q 2 (years) (L/s)	Q 1 (years) (L/s)	Q 30 (years) (L/s)	Q 100 (years) (L/s)
Region 6	1.3	1.3	1.1	1.1	2.9	4.1



Date: 13/10/2026 09:53:08

Designed by: PAJT

Checked by:

File: 15695 Prelim SW Attenuation.iddx

Plot Scale: 1:621

15695
Cricketfield Lane
Uxbridge UB8 2NZ

InfoDrainage 2025.5.4

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Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Catchment Area A

Type : Catchment Area

Area (ha)	0.125

Dynamic Sizing

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

Catchment Area B

Type : Catchment Area

Area (ha)	0.075

Dynamic Sizing

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

Catchment Area C

Type : Catchment Area

Area (ha)	0.20

Dynamic Sizing

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

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)	Lock
SA1	Manhole	505600.190	183785.911	35.000	1.700	33.300	Circular	1.800	None
S109	Manhole	505641.970	183730.261	36.250	1.950	34.300	Circular	1.200	None
S108	Manhole	505642.420	183720.048	36.500	2.050	34.450	Circular	1.200	None
S107 (FC)	Manhole	505648.210	183719.611	36.650	2.150	34.500	Circular	1.500	None
S106	Manhole	505653.081	183720.079	36.900	2.300	34.600	Circular	1.500	None
S110	Manhole	505625.567	183748.716	36.000	2.000	34.000	Circular	1.200	None
S100	Manhole	505698.623	183702.324	37.750	2.375	35.375	Circular	1.500	None
S101	Manhole	505700.860	183679.020	37.750	2.575	35.175	Circular	1.500	None
S102	Manhole	505694.953	183672.652	37.750	2.725	35.025	Circular	1.500	None
S103	Manhole	505664.309	183669.710	37.700	2.825	34.875	Circular	1.200	None
S104	Manhole	505663.382	183679.374	37.700	2.875	34.825	Circular	1.200	None
S105	Manhole	505656.350	183686.035	37.500	2.725	34.775	Circular	1.500	None

Inlets

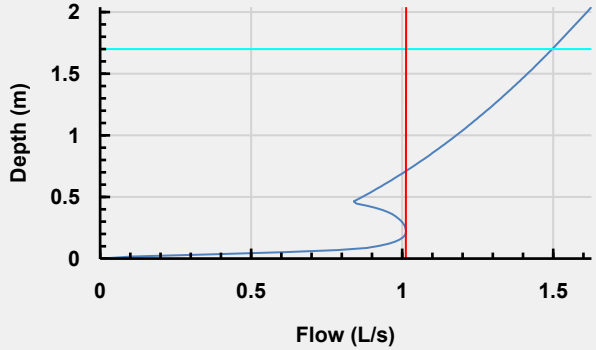
Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SA1	Inlet	Pipe (13)	(None)	No Restriction
S109	Inlet	Pipe (11)	(None)	No Restriction
S108	Inlet	Pipe (10)	(None)	No Restriction
S107 (FC)	Inlet	Pipe (9)	(None)	No Restriction
S106	Inlet	Pipe (8)	(None)	No Restriction
S110	Inlet	Pipe (12)	(None)	No Restriction
S100	Inlet	Pipe	(None)	No Restriction
S101	Inlet	Pipe (1)	(None)	No Restriction
S102	Inlet	Pipe (3)	(None)	No Restriction
S103	Inlet	Pipe (4)	(None)	No Restriction
S104	Inlet	Pipe (5)	(None)	No Restriction
S105	Inlet	Pipe (6)	(None)	No Restriction

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

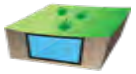
Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
S109	Outlet	Pipe (12)	Free Discharge
S108	Outlet	Pipe (11)	Free Discharge
S107 (FC)	Outlet	Pipe (10)	Hydro-Brake®

Invert Level (m)	34.500
Design Depth (m)	1.700
Design Flow (L/s)	1.5
Objective	Minimise Upstream Storage Requirements
Application	Surface Water Only
Sump Available	☑
Unit Reference	SHE-0051-1500-1700-1500



S106	Outlet	Pipe (9)	Free Discharge
S110	Outlet	Pipe (13)	Free Discharge
S100	Outlet	Pipe (1)	Free Discharge
S101	Outlet	Pipe (2)	Free Discharge
S102	Outlet	Pipe (4)	Free Discharge
S103	Outlet	Pipe (5)	Free Discharge
S104	Outlet	Pipe (6)	Free Discharge
S105	Outlet	Pipe (7)	Free Discharge



Tank A

Type : Tank

Dimensions

Exceedance Level (m)	37.700
Depth (m)	2.250
Base Level (m)	35.450
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-7.694
Total Volume (m³)	92.687

Depth (m)	Area (m²)	Volume (m³)
0.000	120.000	0.000
0.800	120.000	91.200
0.801	0.001	91.238

Inlets

Inlet

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

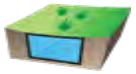
Outlets

Outlet

Outgoing Connection	Pipe
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	8.000



Tank B

Type : Tank

Dimensions

Exceedance Level (m)	37.700
Depth (m)	2.600
Base Level (m)	35.100
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-8.312
Total Volume (m³)	108.243

Depth (m)	Area (m²)	Volume (m³)
0.000	140.000	0.000
0.800	140.000	106.400
0.801	0.001	106.444

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (2) Catchment Area B
Bypass Destination	(None)
Capacity Type	No Restriction

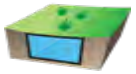
Outlets

Outlet

Outgoing Connection	Pipe (3)
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	10.000



Tank C

Type : Tank

Dimensions

Exceedance Level (m)	36.800
Depth (m)	2.100
Base Level (m)	34.700
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-11.225
Total Volume (m³)	195.180

Depth (m)	Area (m²)	Volume (m³)
0.000	255.000	0.000
0.800	255.000	193.800
0.801	0.001	193.881

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (7)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

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

Outlets

Outlet

Outgoing Connection	Pipe (8)
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	30.000

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by:	Checked by:	Approved By:
	PAJT		
Report Details:	Company Address:		
Type: Manhole Schedule Storm Phase: Phase	Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SA1	35.000 33.300	Diameter / Length: 1.800	{1} Pipe (13)	Pipe	33.300	Diam/Width:100	Manhole
E:505600.190 N:183785.911	1.700						
							Not Applicable
S109	36.250 34.300	Diameter / Length: 1.200	{1} Pipe (11)	Pipe	34.300	Diam/Width:100	Manhole
E:505641.970 N:183730.261	1.950						
			{a} Pipe (12)	Pipe	34.300	Diam/Width:100	Not Applicable
S108	36.500 34.450	Diameter / Length: 1.200	{1} Pipe (10)	Pipe	34.450	Diam/Width:100	Manhole
E:505642.420 N:183720.048	2.050						
			{a} Pipe (11)	Pipe	34.450	Diam/Width:100	Not Applicable

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Manhole Schedule Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S107 (FC)	36.650 34.500	Diameter / Length: 1.500	{1} Pipe (9)	Pipe	34.500	Diam/Width:375	Manhole
E:505648.210 N:183719.611	2.150		{a} Pipe (10)	Pipe	34.500	Diam/Width:100	Not Applicable
S106	36.900 34.600	Diameter / Length: 1.500	{1} Pipe (8)	Pipe	34.600	Diam/Width:375	Manhole
E:505653.081 N:183720.079	2.300		{a} Pipe (9)	Pipe	34.600	Diam/Width:375	Not Applicable
S110	36.000 34.000	Diameter / Length: 1.200	{1} Pipe (12)	Pipe	34.000	Diam/Width:100	Manhole
E:505625.567 N:183748.716	2.000		{a} Pipe (13)	Pipe	34.000	Diam/Width:100	Not Applicable

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Manhole Schedule Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S100	37.750 35.375	Diameter / Length: 1.500	{1} Pipe	Pipe	35.375	Diam/Width:375	Manhole
E:505698.623 N:183702.324	2.375		{a} Pipe (1)	Pipe	35.375	Diam/Width:375	Not Applicable
S101	37.750 35.175	Diameter / Length: 1.500	{1} Pipe (1)	Pipe	35.175	Diam/Width:375	Manhole
E:505700.860 N:183679.020	2.575		{a} Pipe (2)	Pipe	35.175	Diam/Width:375	Not Applicable
S102	37.750 35.025	Diameter / Length: 1.500	{1} Pipe (3)	Pipe	35.025	Diam/Width:375	Manhole
E:505694.953 N:183672.652	2.725		{a} Pipe (4)	Pipe	35.025	Diam/Width:375	Not Applicable

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Manhole Schedule Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S103	37.700 34.875	Diameter / Length: 1.200	{1} Pipe (4)	Pipe	34.875	Diam/Width:375	Manhole
E:505664.309 N:183669.710	2.825						
			{a} Pipe (5)	Pipe	34.875	Diam/Width:375	Not Applicable
S104	37.700 34.825	Diameter / Length: 1.200	{1} Pipe (5)	Pipe	34.825	Diam/Width:375	Manhole
E:505663.382 N:183679.374	2.875						
			{a} Pipe (6)	Pipe	34.825	Diam/Width:375	Not Applicable
S105	37.500 34.775	Diameter / Length: 1.500	{1} Pipe (6)	Pipe	34.775	Diam/Width:375	Manhole
E:505656.350 N:183686.035	2.725						
			{a} Pipe (7)	Pipe	34.775	Diam/Width:375	Not Applicable

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area A	Tank A		Time of Concentration	0.125	100	0	100	0.125
Catchment Area B	Tank B		Time of Concentration	0.075	100	0	100	0.075
Catchment Area C	Tank C		Time of Concentration	0.200	100	0	100	0.200
TOTAL		**0.0**		**0.400**				**0.400**

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Outfall Details Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
SA1	Free Discharge			

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

FEH: 2 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 A	FEH: 2 years: +0 %: 15 mins: Summer	0.13	24.1	10.448
Catchment Area B	FEH: 2 years: +0 %: 15 mins: Summer	0.08	14.5	6.271
Catchment Area C	FEH: 2 years: +0 %: 15 mins: Summer	0.20	38.6	16.719

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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 A	FEH: 30 years: +0 %: 15 mins: Summer	0.13	59.4	25.756
Catchment Area B	FEH: 30 years: +0 %: 15 mins: Summer	0.08	35.6	15.457
Catchment Area C	FEH: 30 years: +0 %: 15 mins: Summer	0.20	95.0	41.209

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

FEH: 30 years: Increase Rainfall (%): +35: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment Area A	FEH: 30 years: +35 %: 15 mins: Summer	0.13	80.2	34.774
Catchment Area B	FEH: 30 years: +35 %: 15 mins: Summer	0.08	48.1	20.867
Catchment Area C	FEH: 30 years: +35 %: 15 mins: Summer	0.20	128.3	55.641

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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 A	FEH: 100 years: +0 %: 15 mins: Summer	0.13	76.9	33.341
Catchment Area B	FEH: 100 years: +0 %: 15 mins: Summer	0.08	46.1	20.003
Catchment Area C	FEH: 100 years: +0 %: 15 mins: Summer	0.20	123.0	53.338

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 A	FEH: 100 years: +40 %: 15 mins: Summer	0.13	107.7	46.676
Catchment Area B	FEH: 100 years: +40 %: 15 mins: Summer	0.08	64.6	28.007
Catchment Area C	FEH: 100 years: +40 %: 15 mins: Summer	0.20	172.2	74.683

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SA1	FEH: 2 years: +0 %: 15 mins: Summer	35.000	33.300	33.325	0.025	1.0	0.000	0.000	1.0	1.072	OK
S109	FEH: 2 years: +0 %: 15 mins: Summer	36.250	34.300	34.327	0.027	1.0	0.031	0.000	1.0	1.156	OK
S108	FEH: 2 years: +0 %: 60 mins: Summer	36.500	34.450	34.475	0.025	1.0	0.029	0.000	1.0	5.842	OK
S107 (FC)	FEH: 2 years: +0 %: 480 mins: Winter	36.650	34.500	35.052	0.552	1.3	0.975	0.000	1.0	47.692	Surcharged
S106	FEH: 2 years: +0 %: 480 mins: Winter	36.900	34.600	35.052	0.452	1.7	0.798	0.000	1.3	49.463	Surcharged
S110	FEH: 2 years: +0 %: 15 mins: Summer	36.000	34.000	34.025	0.025	1.0	0.028	0.000	1.0	1.072	OK
S100	FEH: 2 years: +0 %: 15 mins: Summer	37.750	35.375	35.438	0.063	10.5	0.112	0.000	10.7	8.093	OK
S101	FEH: 2 years: +0 %: 15 mins: Summer	37.750	35.175	35.227	0.052	10.7	0.092	0.000	10.9	8.023	OK
S102	FEH: 2 years: +0 %: 120 mins: Summer	37.750	35.025	35.105	0.080	13.5	0.142	0.000	13.5	36.583	OK
S103	FEH: 2 years: +0 %: 480 mins: Winter	37.700	34.875	35.052	0.177	5.0	0.200	0.000	5.0	57.575	OK
S104	FEH: 2 years: +0 %: 480 mins: Winter	37.700	34.825	35.052	0.227	5.0	0.256	0.000	4.9	57.029	OK
S105	FEH: 2 years: +0 %: 480 mins: Winter	37.500	34.775	35.052	0.277	4.9	0.489	0.000	4.8	56.328	OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SA1	FEH: 30 years: +0 %: 600 mins: Winter	35.000	33.300	33.325	0.025	1.1	0.000	0.000	1.1	70.557	OK
S109	FEH: 30 years: +0 %: 15 mins: Winter	36.250	34.300	34.328	0.028	1.0	0.032	0.000	1.0	1.217	OK
S108	FEH: 30 years: +0 %: 600 mins: Winter	36.500	34.450	34.476	0.026	1.1	0.030	0.000	1.1	70.700	OK
S107 (FC)	FEH: 30 years: +0 %: 600 mins: Winter	36.650	34.500	35.346	0.846	1.8	1.495	0.000	1.1	70.777	Surcharged
S106	FEH: 30 years: +0 %: 600 mins: Winter	36.900	34.600	35.346	0.746	1.9	1.318	0.000	1.8	75.800	Surcharged
S110	FEH: 30 years: +0 %: 600 mins: Winter	36.000	34.000	34.026	0.026	1.1	0.029	0.000	1.1	70.557	OK
S100	FEH: 30 years: +0 %: 30 mins: Summer	37.750	35.375	35.486	0.111	32.4	0.196	0.000	32.1	32.036	OK
S101	FEH: 30 years: +0 %: 600 mins: Winter	37.750	35.175	35.346	0.171	5.1	0.302	0.000	5.1	73.409	OK
S102	FEH: 30 years: +0 %: 600 mins: Winter	37.750	35.025	35.346	0.321	8.9	0.567	0.000	8.5	94.410	OK
S103	FEH: 30 years: +0 %: 600 mins: Winter	37.700	34.875	35.346	0.471	8.5	0.533	0.000	8.0	91.620	Surcharged
S104	FEH: 30 years: +0 %: 600 mins: Winter	37.700	34.825	35.346	0.521	8.0	0.589	0.000	7.8	90.152	Surcharged
S105	FEH: 30 years: +0 %: 600 mins: Winter	37.500	34.775	35.346	0.571	7.8	1.009	0.000	7.7	88.209	Surcharged

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

FEH: 30 years: Increase Rainfall (%): +35: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SA1	FEH: 30 years: +35 %: 720 mins: Winter	35.000	33.300	33.327	0.027	1.2	0.000	0.000	1.2	92.125	OK
S109	FEH: 30 years: +35 %: 720 mins: Winter	36.250	34.300	34.329	0.029	1.2	0.033	0.000	1.2	92.213	OK
S108	FEH: 30 years: +35 %: 720 mins: Winter	36.500	34.450	34.478	0.028	1.2	0.031	0.000	1.2	92.277	OK
S107 (FC)	FEH: 30 years: +35 %: 720 mins: Winter	36.650	34.500	35.564	1.064	1.8	1.881	0.000	1.2	92.359	Surcharged
S106	FEH: 30 years: +35 %: 720 mins: Winter	36.900	34.600	35.564	0.964	2.1	1.704	0.000	1.8	96.299	Surcharged
S110	FEH: 30 years: +35 %: 720 mins: Winter	36.000	34.000	34.027	0.027	1.2	0.031	0.000	1.2	92.125	OK
S100	FEH: 30 years: +35 %: 720 mins: Winter	37.750	35.375	35.564	0.189	6.0	0.334	0.000	6.0	102.390	OK
S101	FEH: 30 years: +35 %: 720 mins: Winter	37.750	35.175	35.564	0.389	6.0	0.688	0.000	6.0	101.208	Surcharged
S102	FEH: 30 years: +35 %: 720 mins: Winter	37.750	35.025	35.564	0.539	9.5	0.953	0.000	9.0	122.612	Surcharged
S103	FEH: 30 years: +35 %: 720 mins: Winter	37.700	34.875	35.564	0.689	9.0	0.779	0.000	8.5	119.615	Surcharged
S104	FEH: 30 years: +35 %: 720 mins: Winter	37.700	34.825	35.564	0.739	8.5	0.836	0.000	8.2	118.021	Surcharged
S105	FEH: 30 years: +35 %: 720 mins: Winter	37.500	34.775	35.565	0.790	8.2	1.396	0.000	8.0	116.106	Surcharged

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SA1	FEH: 100 years: +0 %: 720 mins: Winter	35.000	33.300	33.327	0.027	1.2	0.000	0.000	1.2	91.200	OK
S109	FEH: 100 years: +0 %: 720 mins: Winter	36.250	34.300	34.329	0.029	1.2	0.033	0.000	1.2	91.287	OK
S108	FEH: 100 years: +0 %: 720 mins: Winter	36.500	34.450	34.478	0.028	1.2	0.031	0.000	1.2	91.351	OK
S107 (FC)	FEH: 100 years: +0 %: 720 mins: Winter	36.650	34.500	35.524	1.024	2.2	1.810	0.000	1.2	91.432	Surcharged
S106	FEH: 100 years: +0 %: 720 mins: Winter	36.900	34.600	35.524	0.924	2.1	1.633	0.000	2.2	96.949	Surcharged
S110	FEH: 100 years: +0 %: 720 mins: Winter	36.000	34.000	34.027	0.027	1.2	0.031	0.000	1.2	91.200	OK
S100	FEH: 100 years: +0 %: 720 mins: Winter	37.750	35.375	35.524	0.149	5.8	0.264	0.000	5.8	99.099	OK
S101	FEH: 100 years: +0 %: 720 mins: Winter	37.750	35.175	35.524	0.349	5.8	0.617	0.000	5.8	97.824	OK
S102	FEH: 100 years: +0 %: 720 mins: Winter	37.750	35.025	35.524	0.499	9.5	0.882	0.000	9.0	115.091	Surcharged
S103	FEH: 100 years: +0 %: 720 mins: Winter	37.700	34.875	35.524	0.649	9.0	0.734	0.000	8.5	112.001	Surcharged
S104	FEH: 100 years: +0 %: 720 mins: Winter	37.700	34.825	35.524	0.699	8.5	0.791	0.000	8.2	110.214	Surcharged
S105	FEH: 100 years: +0 %: 720 mins: Winter	37.500	34.775	35.524	0.749	8.2	1.324	0.000	8.0	108.362	Surcharged

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SA1	FEH: 100 years: +40 %: 960 mins: Winter	35.000	33.300	33.329	0.029	1.4	0.000	0.000	1.4	140.154	OK
S109	FEH: 100 years: +40 %: 960 mins: Winter	36.250	34.300	34.332	0.032	1.4	0.037	0.000	1.4	140.249	OK
S108	FEH: 100 years: +40 %: 960 mins: Winter	36.500	34.450	34.481	0.031	1.4	0.035	0.000	1.4	140.317	OK
S107 (FC)	FEH: 100 years: +40 %: 960 mins: Winter	36.650	34.500	36.108	1.608	2.2	2.842	0.000	1.4	140.603	Surcharged
S106	FEH: 100 years: +40 %: 960 mins: Winter	36.900	34.600	36.108	1.508	4.0	2.664	0.000	2.2	149.822	Surcharged
S110	FEH: 100 years: +40 %: 960 mins: Winter	36.000	34.000	34.030	0.030	1.4	0.034	0.000	1.4	140.154	OK
S100	FEH: 100 years: +40 %: 960 mins: Winter	37.750	35.375	36.109	0.734	6.7	1.296	0.000	6.4	152.417	Surcharged
S101	FEH: 100 years: +40 %: 960 mins: Winter	37.750	35.175	36.109	0.934	6.4	1.650	0.000	6.2	147.501	Surcharged
S102	FEH: 100 years: +40 %: 960 mins: Winter	37.750	35.025	36.109	1.084	10.4	1.915	0.000	7.8	205.539	Surcharged
S103	FEH: 100 years: +40 %: 960 mins: Winter	37.700	34.875	36.109	1.234	10.0	1.396	0.000	7.3	200.726	Surcharged
S104	FEH: 100 years: +40 %: 960 mins: Winter	37.700	34.825	36.109	1.284	9.7	1.452	0.000	7.2	208.484	Surcharged
S105	FEH: 100 years: +40 %: 960 mins: Winter	37.500	34.775	36.109	1.334	9.1	2.357	0.000	7.0	184.755	Surcharged

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Tank A	FEH: 2 years: +0 %: 30 mins: Summer	35.502	35.502	0.052	0.052	15.5	5.945	0.000	0.000	10.6	12.195		93.586
Tank B	FEH: 2 years: +0 %: 120 mins: Summer	35.163	35.163	0.063	0.063	16.0	8.414	0.000	0.000	13.5	36.583		92.227
Tank C	FEH: 2 years: +0 %: 480 mins: Winter	35.052	35.052	0.352	0.352	9.7	85.219	0.000	0.000	1.7	48.238		56.338

Status
OK
OK
OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Tank A	FEH: 30 years: +0 %: 30 mins: Summer	35.552	35.552	0.102	0.102	38.6	11.653	0.000	0.000	32.4	32.082		87.428
Tank B	FEH: 30 years: +0 %: 600 mins: Winter	35.346	35.346	0.246	0.246	8.2	32.712	0.000	0.000	8.9	96.073		69.780
Tank C	FEH: 30 years: +0 %: 600 mins: Winter	35.346	35.346	0.646	0.646	15.5	156.479	0.000	0.000	1.9	66.701		19.828

Status
OK
OK
OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

FEH: 30 years: Increase Rainfall (%): +35: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Tank A	FEH: 30 years: +35 %: 30 mins: Summer	35.577	35.577	0.127	0.127	52.1	14.441	0.000	0.000	45.4	43.736		84.420
Tank B	FEH: 30 years: +35 %: 720 mins: Winter	35.564	35.564	0.464	0.464	9.5	61.742	0.000	0.000	9.5	121.528	220	42.960
Tank C	FEH: 30 years: +35 %: 720 mins: Winter	35.565	35.565	0.865	0.865	17.1	193.941	0.000	0.000	2.1	93.064		0.635

Status
OK
OK
OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Tank A	FEH: 100 years: +0 %: 30 mins: Summer	35.574	35.574	0.124	0.124	50.4	14.097	0.000	0.000	43.8	42.244		84.791
Tank B	FEH: 100 years: +0 %: 720 mins: Winter	35.524	35.524	0.424	0.424	9.3	56.445	0.000	0.000	9.5	116.507	70	47.853
Tank C	FEH: 100 years: +0 %: 720 mins: Winter	35.525	35.525	0.825	0.825	17.0	193.904	0.000	0.000	2.1	89.784		0.654

Status
OK
OK
OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Tank A	FEH: 100 years: +40 %: 960 mins: Winter	36.109	36.109	0.659	0.659	8.2	75.102	0.000	0.000	6.7	130.903	525	18.973
Tank B	FEH: 100 years: +40 %: 960 mins: Winter	36.109	36.109	1.009	1.009	13.5	106.641	0.000	0.000	8.2	173.571		1.480
Tank C	FEH: 100 years: +40 %: 960 mins: Winter	36.110	36.110	1.410	1.410	15.0	194.458	0.000	0.000	4.0	163.651		0.370

Status
OK
OK
OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 2 years: +0 %: 30 mins: Summer	Pipe	Tank A	S100	37.700	35.502	0.057	12.195	1.0	0.03	10.6	OK
Pipe (1)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S100	S101	37.750	35.438	0.058	8.093	1.0	0.06	10.7	OK
Pipe (2)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S101	Tank B	37.750	35.227	0.052	8.023	1.2	0.03	10.9	OK
Pipe (3)	FEH: 2 years: +0 %: 120 mins: Summer	Pipe	Tank B	S102	37.700	35.163	0.072	36.583	0.9	0.04	13.5	OK
Pipe (4)	FEH: 2 years: +0 %: 120 mins: Summer	Pipe	S102	S103	37.750	35.105	0.081	36.583	0.8	0.1	13.5	OK
Pipe (5)	FEH: 2 years: +0 %: 120 mins: Summer	Pipe	S103	S104	37.700	34.958	0.106	36.225	0.8	0.09	13.4	OK
Pipe (6)	FEH: 2 years: +0 %: 120 mins: Summer	Pipe	S104	S105	37.700	34.956	0.156	35.804	0.9	0.09	13.3	OK
Pipe (7)	FEH: 2 years: +0 %: 120 mins: Summer	Pipe	S105	Tank C	37.500	34.956	0.218	35.210	0.7	0.04	13.3	OK
Pipe (8)	FEH: 2 years: +0 %: 15 mins: Winter	Pipe	Tank C	S106	36.800	34.795	0.145	2.602	0.9	0.01	5.2	OK
Pipe (9)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S106	S107 (FC)	36.900	34.795	0.245	2.035	0.1	0.01	2.7	OK
Pipe (10)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S107 (FC)	S108	36.650	34.795	0.028	1.256	0.6	0.18	1.0	Surcharged
Pipe (11)	FEH: 2 years: +0 %: 60 mins: Summer	Pipe	S108	S109	36.500	34.475	0.026	5.842	0.6	0.14	1.0	OK
Pipe (12)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S109	S110	36.250	34.327	0.026	1.156	0.6	0.15	1.0	OK
Pipe (13)	FEH: 2 years: +0 %: 15 mins: Summer	Pipe	S110	SA1	36.000	34.025	0.025	1.072	0.7	0.13	1.0	OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	Tank A	S100	37.700	35.552	0.107	32.082	1.3	0.09	32.4	OK
Pipe (1)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S100	S101	37.750	35.486	0.106	32.036	1.2	0.17	32.1	OK
Pipe (2)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S101	Tank B	37.750	35.277	0.112	31.995	1.3	0.09	31.5	OK
Pipe (3)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	Tank B	S102	37.700	35.227	0.136	49.002	1.1	0.12	40.2	OK
Pipe (4)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S102	S103	37.750	35.171	0.154	48.731	1.0	0.29	40.7	OK
Pipe (5)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S103	S104	37.700	35.084	0.234	47.219	0.9	0.28	40.8	OK
Pipe (6)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S104	S105	37.700	35.084	0.284	46.142	1.0	0.28	40.5	OK
Pipe (7)	FEH: 30 years: +0 %: 30 mins: Summer	Pipe	S105	Tank C	37.500	35.084	0.347	44.986	0.8	0.12	39.2	OK
Pipe (8)	FEH: 30 years: +0 %: 180 mins: Winter	Pipe	Tank C	S106	36.800	35.278	0.375	22.429	0.7	0.01	3.1	Surcharged
Pipe (9)	FEH: 30 years: +0 %: 30 mins: Winter	Pipe	S106	S107 (FC)	36.900	35.084	0.375	4.156	0.2	0.01	2.8	Surcharged
Pipe (10)	FEH: 30 years: +0 %: 600 mins: Winter	Pipe	S107 (FC)	S108	36.650	35.346	0.029	70.742	0.6	0.19	1.1	Surcharged
Pipe (11)	FEH: 30 years: +0 %: 600 mins: Winter	Pipe	S108	S109	36.500	34.476	0.027	70.700	0.6	0.15	1.1	OK
Pipe (12)	FEH: 30 years: +0 %: 600 mins: Winter	Pipe	S109	S110	36.250	34.328	0.027	70.640	0.6	0.16	1.1	OK
Pipe (13)	FEH: 30 years: +0 %: 600 mins: Winter	Pipe	S110	SA1	36.000	34.026	0.026	70.557	0.7	0.14	1.1	OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

FEH: 30 years: Increase Rainfall (%): +35: Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	Tank A	S100	37.700	35.577	0.130	43.736	1.3	0.13	45.4	OK
Pipe (1)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S100	S101	37.750	35.509	0.133	43.690	1.3	0.24	45.1	OK
Pipe (2)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S101	Tank B	37.750	35.306	0.140	43.636	1.4	0.12	44.3	OK
Pipe (3)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	Tank B	S102	37.700	35.259	0.169	58.760	1.2	0.17	56.7	OK
Pipe (4)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S102	S103	37.750	35.204	0.240	57.696	1.0	0.41	57.5	OK
Pipe (5)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S103	S104	37.700	35.190	0.340	55.316	1.0	0.39	56.4	OK
Pipe (6)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S104	S105	37.700	35.190	0.375	53.850	1.0	0.38	55.2	OK
Pipe (7)	FEH: 30 years: +35 %: 30 mins: Summer	Pipe	S105	Tank C	37.500	35.190	0.375	52.406	0.8	0.16	54.0	Surcharged
Pipe (8)	FEH: 30 years: +35 %: 15 mins: Winter	Pipe	Tank C	S106	36.800	35.079	0.375	3.935	0.9	0.01	5.7	Surcharged
Pipe (9)	FEH: 30 years: +35 %: 15 mins: Winter	Pipe	S106	S107 (FC)	36.900	35.079	0.375	2.675	0.5	0.01	3.5	Surcharged
Pipe (10)	FEH: 30 years: +35 %: 720 mins: Winter	Pipe	S107 (FC)	S108	36.650	35.564	0.030	92.321	0.6	0.21	1.2	Surcharged
Pipe (11)	FEH: 30 years: +35 %: 720 mins: Winter	Pipe	S108	S109	36.500	34.478	0.029	92.277	0.6	0.16	1.2	OK
Pipe (12)	FEH: 30 years: +35 %: 720 mins: Winter	Pipe	S109	S110	36.250	34.329	0.028	92.213	0.7	0.18	1.2	OK
Pipe (13)	FEH: 30 years: +35 %: 720 mins: Winter	Pipe	S110	SA1	36.000	34.027	0.027	92.125	0.7	0.16	1.2	OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	Tank A	S100	37.700	35.574	0.127	42.244	1.3	0.12	43.8	OK
Pipe (1)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S100	S101	37.750	35.506	0.129	42.195	1.3	0.23	43.4	OK
Pipe (2)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S101	Tank B	37.750	35.302	0.137	42.155	1.4	0.12	42.7	OK
Pipe (3)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	Tank B	S102	37.700	35.255	0.165	57.979	1.2	0.17	54.5	OK
Pipe (4)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S102	S103	37.750	35.200	0.228	57.012	1.0	0.4	55.3	OK
Pipe (5)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S103	S104	37.700	35.178	0.328	54.718	1.0	0.38	54.5	OK
Pipe (6)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S104	S105	37.700	35.178	0.375	53.284	1.0	0.37	53.4	OK
Pipe (7)	FEH: 100 years: +0 %: 30 mins: Summer	Pipe	S105	Tank C	37.500	35.178	0.375	51.865	0.8	0.15	52.3	Surcharged
Pipe (8)	FEH: 100 years: +0 %: 30 mins: Winter	Pipe	Tank C	S106	36.800	35.178	0.375	5.944	0.7	0.01	4.9	Surcharged
Pipe (9)	FEH: 100 years: +0 %: 30 mins: Winter	Pipe	S106	S107 (FC)	36.900	35.178	0.375	4.503	0.4	0.01	2.9	Surcharged
Pipe (10)	FEH: 100 years: +0 %: 720 mins: Winter	Pipe	S107 (FC)	S108	36.650	35.524	0.030	91.394	0.6	0.21	1.2	Surcharged
Pipe (11)	FEH: 100 years: +0 %: 720 mins: Winter	Pipe	S108	S109	36.500	34.478	0.028	91.351	0.6	0.16	1.2	OK
Pipe (12)	FEH: 100 years: +0 %: 720 mins: Winter	Pipe	S109	S110	36.250	34.329	0.028	91.287	0.7	0.18	1.2	OK
Pipe (13)	FEH: 100 years: +0 %: 720 mins: Winter	Pipe	S110	SA1	36.000	34.027	0.027	91.200	0.7	0.16	1.2	OK

Project:	Date:		
15695 Cricketfield Lane Uxbridge UB8 2NZ	13/10/2026		
	Designed by: PAJT	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	Company Address: Tullys Sheridan House, Hartfield Road Forest Row, East Sussex RH18 5EA		

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

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	Tank A	S100	37.700	35.607	0.160	59.641	1.4	0.17	63.1	OK
Pipe (1)	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	S100	S101	37.750	35.539	0.167	59.630	1.3	0.34	62.6	OK
Pipe (2)	FEH: 100 years: +40 %: 30 mins: Summer	Pipe	S101	Tank B	37.750	35.345	0.181	58.875	1.4	0.17	61.8	OK
Pipe (3)	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	Tank B	S102	37.700	35.303	0.214	57.673	1.2	0.24	79.6	OK
Pipe (4)	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	S102	S103	37.750	35.250	0.251	56.526	1.1	0.57	79.9	OK
Pipe (5)	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	S103	S104	37.700	35.201	0.351	54.066	1.0	0.55	78.5	OK
Pipe (6)	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	S104	S105	37.700	35.201	0.375	52.575	1.0	0.54	77.0	Surcharged
Pipe (7)	FEH: 100 years: +40 %: 15 mins: Summer	Pipe	S105	Tank C	37.500	35.201	0.375	51.110	0.8	0.22	75.2	Surcharged
Pipe (8)	FEH: 100 years: +40 %: 360 mins: Summer	Pipe	Tank C	S106	36.800	35.897	0.375	46.922	0.8	0.04	14.7	Surcharged
Pipe (9)	FEH: 100 years: +40 %: 360 mins: Summer	Pipe	S106	S107 (FC)	36.900	35.896	0.375	56.185	0.3	0.04	10.2	Surcharged
Pipe (10)	FEH: 100 years: +40 %: 960 mins: Winter	Pipe	S107 (FC)	S108	36.650	36.108	0.033	140.365	0.6	0.26	1.4	Surcharged
Pipe (11)	FEH: 100 years: +40 %: 960 mins: Winter	Pipe	S108	S109	36.500	34.481	0.032	140.317	0.7	0.2	1.4	OK
Pipe (12)	FEH: 100 years: +40 %: 960 mins: Winter	Pipe	S109	S110	36.250	34.332	0.031	140.249	0.7	0.22	1.4	OK
Pipe (13)	FEH: 100 years: +40 %: 960 mins: Winter	Pipe	S110	SA1	36.000	34.030	0.030	140.154	0.7	0.19	1.4	OK

Appendix H – Exceedance Flow Paths

General Notes

LEGEND

- Site Boundary
- Ground Floor Outline
- Surface Water Exceedance Flow Direction #
- Surface Water Exceedance Ponding #
- Surface Water Flood Extents from Offsite - 100 yr +CC (indicative based on overlaying GOV.UK maps)

Attenuation below ground is provided for all storm events up to and including 1 in 100 year with 40% allowance for climate change. The overland flows and above ground ponding shown on this drawing are for events in excess of this storm or in the event of a failure/blockage in the drainage system.

Rev	Date	Description	By	Ckd
P01	16.10.26	First issue.	IU	PAJT

PRELIMINARY

SUITABILITY CODE: **S1**

CLIENT

LONDON BOROUGH OF HILLINGDON

Tullys

www.tullys.uk info@tullys.uk 01342 828000

PROJECT

Cricket Field Road Car Park
Uxbridge

DRAWING TITLE

Surface Water Exceedance Route Plan

Originator No.	Scale	Revision
15695	1:200 @A1	P01

PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - NUMBER

15695-TUL-XX-00-DR-C-50002

Appendix I - Drainage Assessment Form

GREATER**LONDON**AUTHORITY

1. Project & Site Details

Project / Site Name (including sub-catchment / stage / phase where appropriate)	Cricket Field Care Home
Address & post code	Cricket Filed Road, Uxbridge UB8 2NZ
OS Grid ref. (Easting, Northing)	E 505691
	N 183699
LPA reference (if applicable)	
Brief description of proposed work	Demolition of the existing multistory carpark and the construction of a three to five storey residential care home with 160 en-suite bedrooms, communal and care facilities, and ancillary facilities at basement level.
Total site Area	6950 m^2
Total existing impervious area	4424 m^2
Total proposed impervious area	3886 m^2
Is the site in a surface water flood risk catchment (ref. local Surface Water Management Plan)?	
Existing drainage connection type and location	SW: Not known. FW: None (multi-storey car park).
Designer Name	Paul Tittle
Designer Position	Senior Civil Engineer
Designer Company	Tullys

2. Proposed Discharge Arrangements

2a. Infiltration Feasibility

Superficial geology classification	Mainly Langley Silt Member with Lynch Hill Gravel Member in the north
Bedrock geology classification	London Clay
Site infiltration rate	Not known m/s
Depth to groundwater level	Not known m below ground level
Is infiltration feasible?	No

2b. Drainage Hierarchy

	Feasible (Y/N)	*Proposed (Y/N)*
1 store rainwater for later use	Y	Y
2 use infiltration techniques, such as porous surfaces in non-clay areas	N	N
3 attenuate rainwater in ponds or open water features for gradual release	N	N
4 attenuate rainwater by storing in tanks or sealed water features for gradual release	Y	Y
5 discharge rainwater direct to a watercourse	N	N
6 discharge rainwater to a surface water sewer/drain	Y	Y
7 discharge rainwater to the combined sewer.	N	N

2c. Proposed Discharge Details

Proposed discharge location	SW: Existing 900dia adopted SW sewer to north-west of site. FW: Existing adopted FW manhole to south of site.
Has the owner/regulator of the discharge location been consulted?	A Pre-Development enquiry has been submitted to Thames Water to determine if the existing SW and FW adopted sewer networks in this area have sufficient capacity to accept the proposed flows.

3. Drainage Strategy

3a. Discharge Rates & Required Storage				
	Greenfield (GF) runoff rate (l/s)	*Existing discharge rate (l/s)*	*Required storage for GF rate (m^3)*	*Proposed discharge rate (l/s)*
Qbar	1.3			
1 in 1	1.1	38.0	100	1.5
1 in 30	2.9	91.1	182	1.5
1 in 100	4.1	121.5	232	1.5
1 in 100 + CC			349	1.5
Climate change allowance used		40%		
3b. Principal Method of Flow Control		Hydrobrake.		

3c. Proposed SuDS Measures			
	Catchment area (m^2)	*Plan area (m^3)*	*Storage vol. (m^3)*
Rainwater harvesting	0		0
Infiltration systems	0		0
Green roofs	731	1060	0
Blue roofs	0	0	0
Filter strips	0	0	0
Filter drains	0	0	0
Bioretention / tree pits	0	0	0
Pervious pavements	496	496	0
Swales	0	0	0
Basins/ponds	0	0	0
Attenuation tanks	2574		391
Total	3801	0	391

4. Supporting Information

4a. Discharge & Drainage Strategy	*Page/section of drainage report*
Infiltration feasibility (2a) – geotechnical factual and interpretive reports, including infiltration results	Chapter 3
Drainage hierarchy (2b)	Chapter 8
Proposed discharge details (2c) – utility plans, correspondence / approval from owner/regulator of discharge location	Chapters 3 & 8
Discharge rates & storage (3a) – detailed hydrologic and hydraulic calculations	Chapter 8 & Appendix G
Proposed SuDS measures & specifications (3b)	Chapter 7 & Appendix F

4b. Other Supporting Details	*Page/section of drainage report*
Detailed Development Layout	Appendix D
Detailed drainage design drawings, including exceedance flow routes	Appendices F & H
Detailed landscaping plans	Appendix D
Maintenance strategy	Chapter 10
Demonstration of how the proposed SuDS measures improve:	
a) water quality of the runoff?	Chapter 8
b) biodiversity?	Chapter 7
c) amenity?	Chapter 7

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