# Asset location search



### **Waste Water Services**

Please provide a copy extract from the public sewer map.

Enclosed is a map showing the approximate lines of our sewers. Our plans do not show sewer connections from individual properties or any sewers not owned by Thames Water unless specifically annotated otherwise. Records such as "private" pipework are in some cases available from the Building Control Department of the relevant Local Authority.

Where the Local Authority does not hold such plans it might be advisable to consult the property deeds for the site or contact neighbouring landowners.

This report relates only to sewerage apparatus of Thames Water Utilities Ltd, it does not disclose details of cables and or communications equipment that may be running through or around such apparatus.

The sewer level information contained in this response represents all of the level data available in our existing records. Should you require any further Information, please refer to the relevant section within the 'Further Contacts' page found later in this document.

### For your guidance:

- The Company is not generally responsible for rivers, watercourses, ponds, culverts
  or highway drains. If any of these are shown on the copy extract they are shown for
  information only.
- Any private sewers or lateral drains which are indicated on the extract of the public sewer map as being subject to an agreement under Section 104 of the Water Industry Act 1991 are not an 'as constructed' record. It is recommended these details be checked with the developer.

### **Clean Water Services**

Please provide a copy extract from the public water main map.

With regard to the fresh water supply, this site falls within the boundary of another water company. For more information, please redirect your enquiry to the following address:

Affinity Water Ltd Tamblin Way Hatfield AL10 9EZ

Tel: 0345 3572401

# Asset location search



### For your guidance:

- Assets other than vested water mains may be shown on the plan, for information only.
- If an extract of the public water main record is enclosed, this will show known public
  water mains in the vicinity of the property. It should be possible to estimate the
  likely length and route of any private water supply pipe connecting the property to
  the public water network.

### **Payment for this Search**

A charge will be added to your suppliers account.

# Asset location search



### **Further contacts:**

### **Waste Water queries**

Should you require verification of the invert levels of public sewers, by site measurement, you will need to approach the relevant Thames Water Area Network Office for permission to lift the appropriate covers. This permission will usually involve you completing a TWOSA form. For further information please contact our Customer Centre on Tel: 0845 920 0800. Alternatively, a survey can be arranged, for a fee, through our Customer Centre on the above number.

If you have any questions regarding sewer connections, budget estimates, diversions, building over issues or any other questions regarding operational issues please direct them to our service desk. Which can be contacted by writing to:

Developer Services (Waste Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921

Email: developer.services@thameswater.co.uk

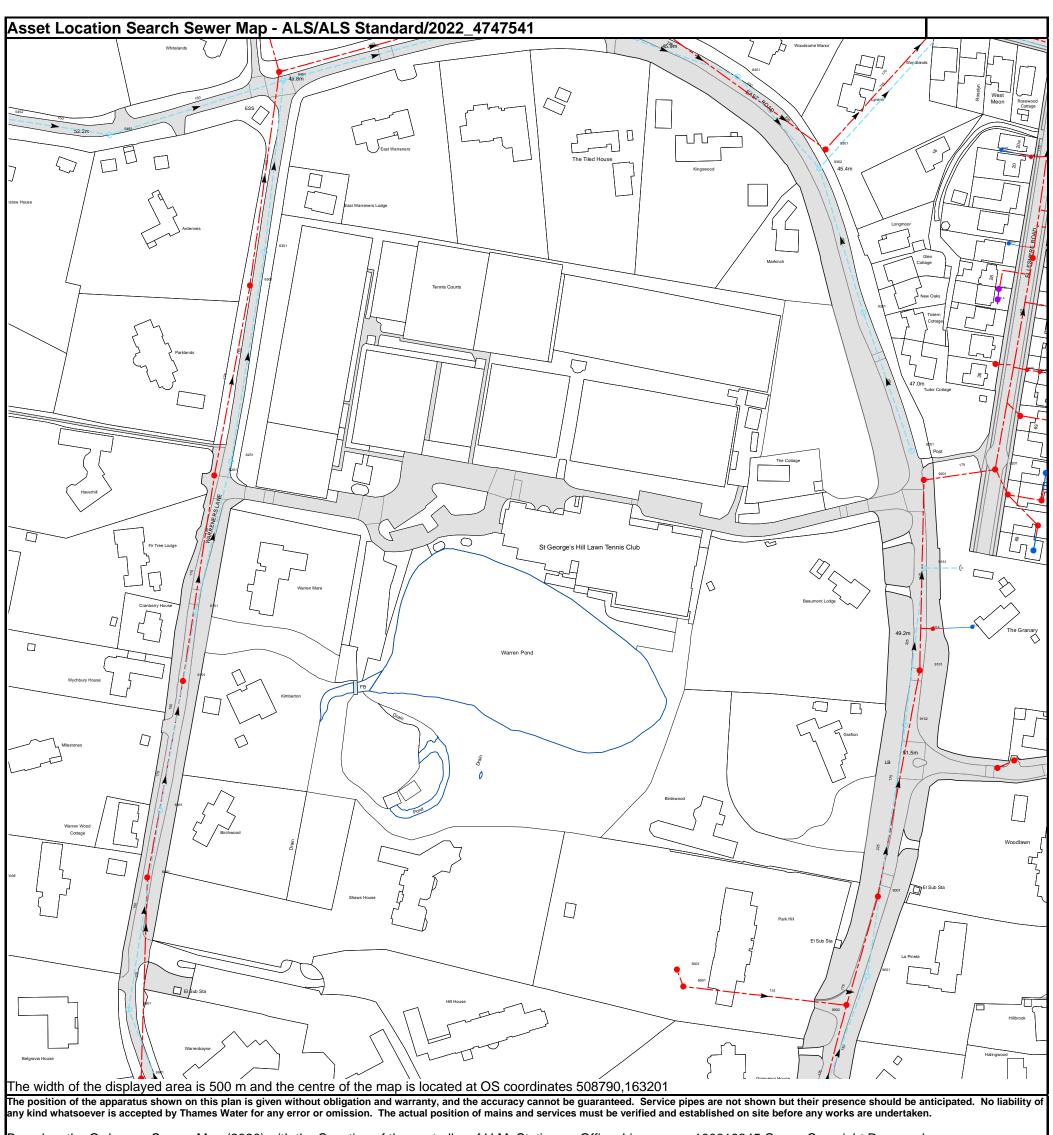
### Clean Water queries

Should you require any advice concerning clean water operational issues or clean water connections, please contact:

Developer Services (Clean Water) Thames Water Clearwater Court Vastern Road Reading RG1 8DB

Tel: 0800 009 3921

Email: developer.services@thameswater.co.uk



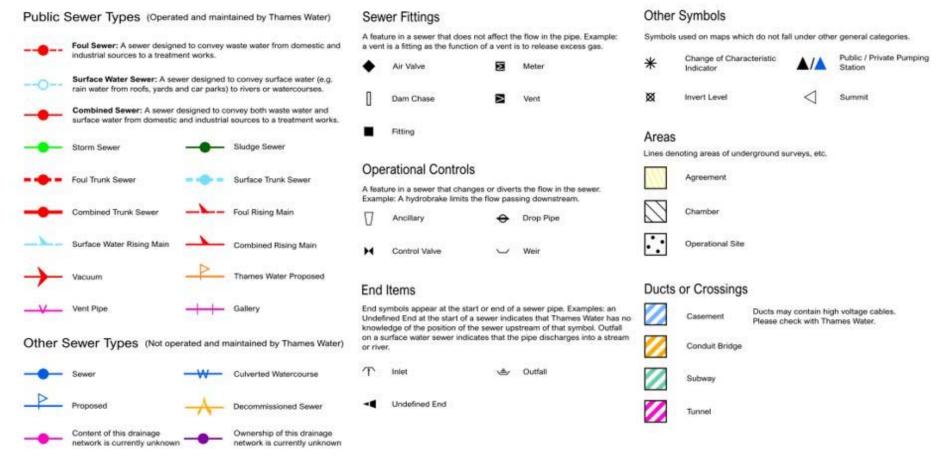
ed on the Ordnance Survey Man (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

Manhole Reference	Manhole Cover Level	Manhole Invert Level
02YQ	n/a	n/a
031A	n/a	n/a
031B	n/a	n/a
031E	n/a	n/a
031C	n/a	n/a
021C	n/a	n/a
031D	n/a	n/a
0301	43.9	41.09
021B	n/a	n/a
021A	n/a	n/a
9051	56.64	55.37
8001	n/a	n/a
9001	53.82	52.52
6001	58.39	55.73
6051	57.61	56.59
011C	n/a	n/a
011B	n/a	n/a
9152	50.32	49.1
6101	56.54	53.87
9101	n/a	n/a
911A	n/a	n/a
011A	n/a	n/a
6151	55.96	54.97
9151	48.4	47.46
02YT	n/a	n/a
02YR	n/a	n/a
02ZP	n/a	n/a
02ZT	n/a	n/a
9201	47.52	45.75
6201	54.99	52.5
02ZR	n/a	n/a
022K 0201	46.57	44.84
6251	54.51	53.31
	47.35	46.17
9251	n/a	n/a
02YZ 02YW		n/a
	n/a	
6301	n/a 51.5	n/a 50.44
6351 6401	49.61	46.36
6451		
	49.6	48.41 44.51
8451	45.61	
9352	45.32	42.96
9301	43.31	40.96
9351	46.45	45.25
5451	51.91	50.74
6901	59.52	56.68
5951	59.11	58.15
9902	57.38	54.23
8901	n/a	n/a
	lan is given without obligation and werenty on	

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.



### Asset Location Search - Sewer Key



#### Notes

- 1) All levels associated with the plans are to Ordnance Datum Newlyn.
- 2) All measurements on the plan are metric.
- 3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate the direction of flow.
- Most private pipes are not shown on our plans, as in the past, this information has not been recorded.
- 5) 'na' or '0' on a manhole indicates that data is unavailable.
- 6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimeters.
- Text next to a manhole indicates the manhole reference number and should not be taken as a measurement. If you are unsure about any text or symbology, please contact Property Searches on 0800 009 4540.

### **Terms and Conditions**

All sales are made in accordance with Thames Water Utilities Limited (TWUL) standard terms and conditions unless previously agreed in writing.

- 1. All goods remain in the property of Thames Water Utilities Ltd until full payment is received.
- 2. Provision of service will be in accordance with all legal requirements and published TWUL policies.
- 3. All invoices are strictly due for payment 14 days from due date of the invoice. Any other terms must be accepted/agreed in writing prior to provision of goods or service, or will be held to be invalid.
- 4. Thames Water does not accept post-dated cheques-any cheques received will be processed for payment on date of receipt.
- 5. In case of dispute TWUL's terms and conditions shall apply.
- 6. Penalty interest may be invoked by TWUL in the event of unjustifiable payment delay. Interest charges will be in line with UK Statute Law 'The Late Payment of Commercial Debts (Interest) Act 1998'.
- 7. Interest will be charged in line with current Court Interest Charges, if legal action is taken.
- 8. A charge may be made at the discretion of the company for increased administration costs.

A copy of Thames Water's standard terms and conditions are available from the Commercial Billing Team (cashoperations@thameswater.co.uk).

We publish several Codes of Practice including a guaranteed standards scheme. You can obtain copies of these leaflets by calling us on 0800 316 9800

If you are unhappy with our service you can speak to your original goods or customer service provider. If you are not satisfied with the response, your complaint will be reviewed by the Customer Services Director. You can write to her at: Thames Water Utilities Ltd. PO Box 492, Swindon, SN38 8TU.

If the Goods or Services covered by this invoice falls under the regulation of the 1991 Water Industry Act, and you remain dissatisfied you can refer your complaint to Consumer Council for Water on 0121 345 1000 or write to them at Consumer Council for Water, 1st Floor, Victoria Square House, Victoria Square, Birmingham, B2 4AJ.

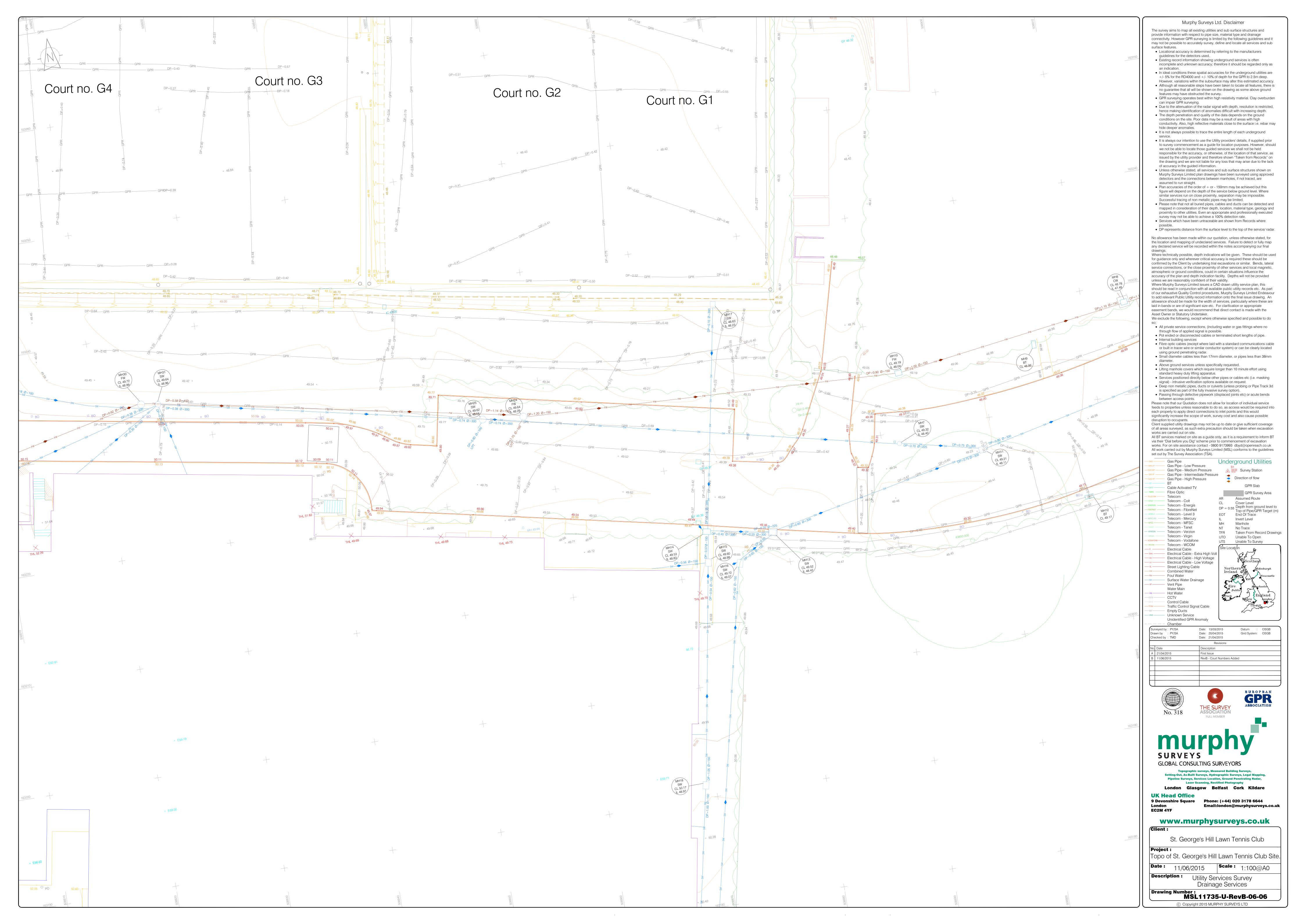
### Ways to pay your bill

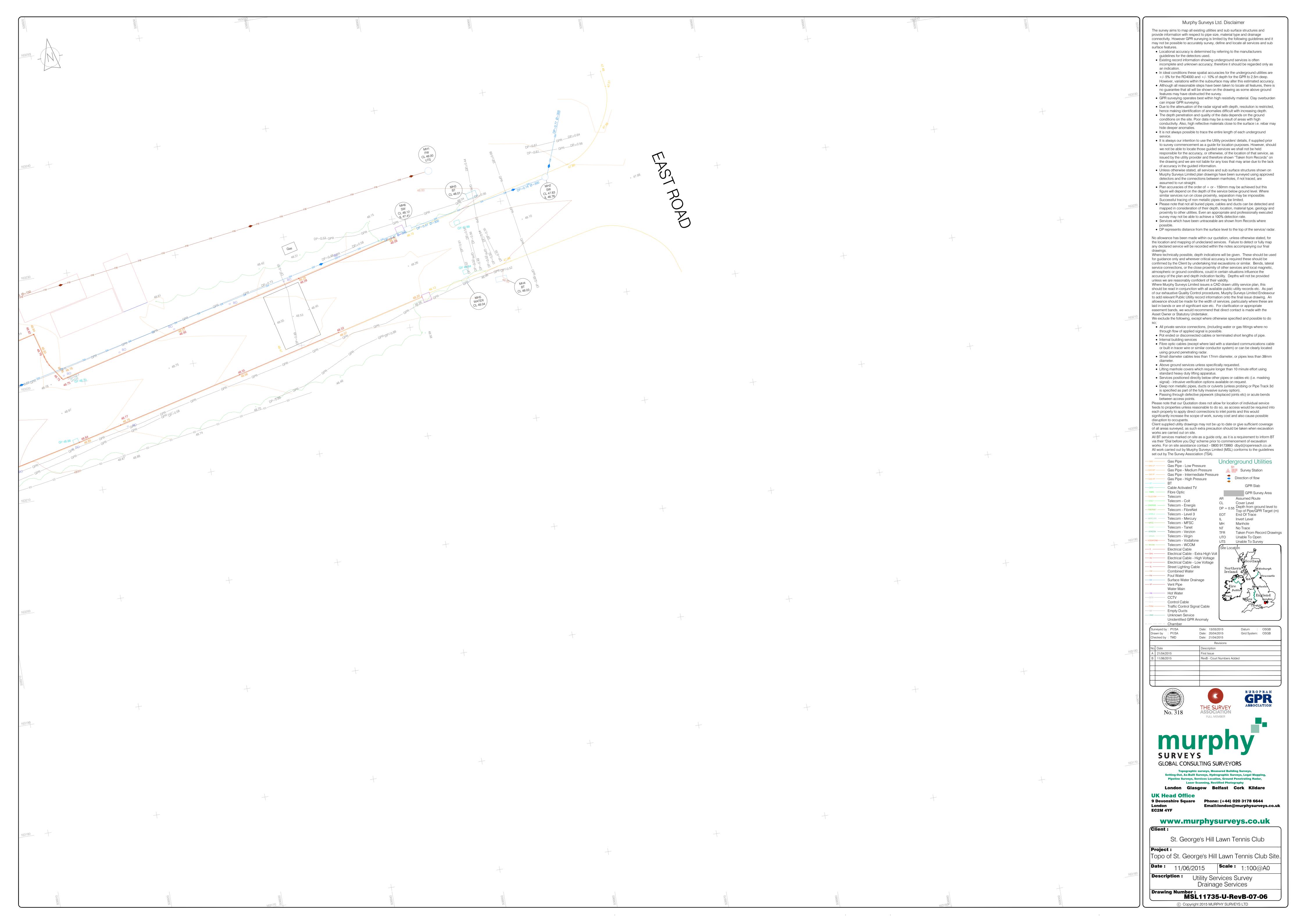
Credit Card	BACS Payment	Telephone Banking	Cheque
Call <b>0800 009 4540</b> quoting your invoice number starting CBA or ADS / OSS	Account number 90478703 Sort code 60-00-01 A remittance advice must be sent to: Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW. or email ps.billing@thameswater. co.uk	By calling your bank and quoting: Account number 90478703 Sort code 60-00-01 and your invoice number	Made payable to 'Thames Water Utilities Ltd' Write your Thames Water account number on the back. Send to: Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW or by DX to 151280 Slough 13

Thames Water Utilities Ltd Registered in England & Wales No. 2366661 Registered Office Clearwater Court, Vastern Rd, Reading, Berks, RG1 8DB.

### **APPENDIX E - Topographical/CCTV Survey Plans**







### APPENDIX F - UK SuDS Greenfield Runoff Rate Calculation



### **Print**

## Close Report



Heeta Patel

Calculated by:

1 in 1 year (l/s):

1 in 30 years (l/s):

1 in 100 year (l/s):

1 in 200 years (l/s):

0.21

0.57

8.0

0.93

0.21

0.57

8.0

0.93

# Greenfield runoff rate estimation for sites

www.uksuds.com | Greenfield runoff tool

**Site Details** 

Site name:	St. Geor	ge's Te	ge's Tennis Club			Latitude: 51.35793° N				
Site location:	Weybrid	ge				Longitude: 0.43771° W				
This is an estimation practice criteria in lir for developments", So statutory standards to may be the basis for sites.	of the gree ne with Envi C030219 (20 for SuDS (De	enfield r ronmer 113) , the efra, 20	nt Agency e SuDS Ma 15). This ii	guidano anual C7 nformati	ce "Rainfall 53 (Ciria, 20 ion on gree	runoff management Hererence: 2916875675  15) and the non- infield runoff rates Date: Mar 14 2023 13:23				
Runoff estimation	on appro	ach	IH124							
Site characteris						Notes				
Total site area (ha	0.156	4				(1) Is Q <sub>BAR</sub> < 2.0 l/s/ha?				
Methodology						7				
Q <sub>BAR</sub> estimation m	ethod:	Calcu	ılate fro	m SPR	and SAAR	When Q <sub>BAR</sub> is < 2.0 l/s/ha then limiting discharge rates				
SPR estimation me	ethod:	Calcu	ılate fro	m SOIL	type	are set at 2.0 l/s/ha.				
Soil characteris	tics <sup>l</sup>	Defaul	t	Edited	d d					
SOIL type:	2	2		2		(2) Are flow rates < 5.0 l/s?				
HOST class:	N,	/A	N/A			Where flow rates are less than 5.0 l/s consent for				
SPR/SPRHOST:	0.	3	0	.3		discharge is usually set at 5.0 l/s if blockage from				
Hydrological characteristics			Defa	ult	Edite	vegetation and other materials is possible. Lower consent flow rates may be set where the blockage risk is addressed by using appropriate drainage				
SAAR (mm):			625		625	elements.				
Hydrological regio	n:		6		6	(3) Is SPR/SPRHOST ≤ 0.3?				
Growth curve fact	tor 1 year:		0.85		0.85	(6) 15 61 11/61 1111661 = 6.5.				
Growth curve fact	tor 30 yea	ars:	2.3		2.3	Where groundwater levels are low enough the use of				
Growth curve factor 100 years: 3.19		3.19	soakaways to avoid discharge offsite would normally be preferred for disposal of surface water runoff.							
Growth curve fact	tor 200 ye	ars:	3.74		3.74					
Greenfield runo	ff rates	De	efault	Ec	dited					
Q <sub>BAR</sub> (I/s):		0.25	5	0.25	5					

This report was produced using the greenfield runoff tool developed by HR Wallingford and available at www.uksuds.com. The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at www.uksuds.com/terms-and-conditions.htm. The outputs from this tool are estimates of greenfield runoff rates. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, CEH, Hydrosolutions or any other organisation for the use of this data in the design or operational characteristics of any drainage scheme.

### APPENDIX G - UK SuDS Storage Volume Estimate





## Surface water storage requirements for sites

Calculated by: **Heeta Patel** Site name: St. George's Tennis Club Site location: Weybridge

This is an estimation of the storage volume requirements that are needed to meet normal

best practice criteria in line with Environment Agency guidance "Rainfall runoff management

for developments", SC030219 (2013), the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). It is not to be used for detailed

of drainage systems. It is recommended that hydraulic modelling software is used to calculate

volume requirements and design details before finalising the design of the drainage scheme.

## www.uksuds.com | Storage estimation tool

**Site Details** Latitude: 51.35794° N Longitude: 0.43775° W Reference: 2066881103

Date: Mar 14 2023 13:24

Site characteristics				Methodology			
Total site area (ha):			0.1564	esti	IH124		
Significant public open	space (ha):		0	Q <sub>BAR</sub> estimation	Calculate from SPR and SAAR		
Area positively drained	(ha):		0.1564	method:			
Impermeable area (ha):			0.1564	SPR estimation method:	Calculate fro	om SOIL type	
Percentage of drained area that is impermeable (%):			100	Soil characteristics	Default	Edited	
Impervious area drained	d via infiltratio	n (ha):	0	SOIL type:	2	2	
Return period for infiltra	Return period for infiltration system design (year):			SPR:	0.3	0.3	
mpervious area drained to rainwater harvesting (ha): Return period for rainwater harvesting system (year):			0	Hydrological characteristics	Default	Edited	
			10	Rainfall 100 yrs 6 hrs:		63	
Compliance factor for r	ainwater harve	esting system	66	Rainfall 100 yrs 12 hrs:		97.79	
(%): Net site area for storag	e volume desi	gn (ha):	0.16	FEH / FSR conversion factor:	1.27	1.27	
Net impermable area for storage volume design			0.16	SAAR (mm):	625	625	
(ha): Pervious area contribut	_	_	30	M5-60 Rainfall Depth (mm):	20	20	
* where rainwater harve managing surface wate impermeable area is les drained', the 'net site ar flow rates will have beer	r runoff such t s than 50% of ea' and the es	that the effecti the 'area positiv timates of Q <sub>BAR</sub>	ve vely	'r' Ratio M5-60/M5-2 day: Hydological region: Growth curve factor 1	6 0.85	6 0.85	
Design criteria Climate change allowan factor:				year: Growth curve factor 10 year:	1.62	1.62	
Urban creep allowance factor:	1.1			Growth curve factor 30 year.	2.3	2.3	
Volume control approac	ch Use	ong term stora	ge	Growth curve factor 100 years:	3.19	3.19	
Interception rainfall dep (mm):	oth 5			Q <sub>BAR</sub> for total site area (I/s):	0.25	0.25	
Minimum flow rate (l/s):	2			Q <sub>BAR</sub> for net site area (I/s):	0.25	0.25	
Site discharge rates	Default	Edited	Estimated	d storage volumes	Default	Edited	
1 in 1 year (l/s):	2	2		n storage 1/100 years	114	114	
1 in 30 years (I/s):	2	2	(m³):	otorogo 1/100 vooro (m3):		1	

This report was produced using the storage estimation tool developed by HRWallingford and available at www.uksuds.com. The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at http://uksuds.com/terms-and-conditions.htm. The outputs from this tool have been used to estimate storage volume requirements. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, CEH, Hydrosolutions or any other organisation for the use of these data in the design or operational characteristics of any drainage scheme.

1 in 100 year (l/s):

2

2

Long term storage 1/100 years (m<sup>3</sup>):

Total storage 1/100 years (m³):

0

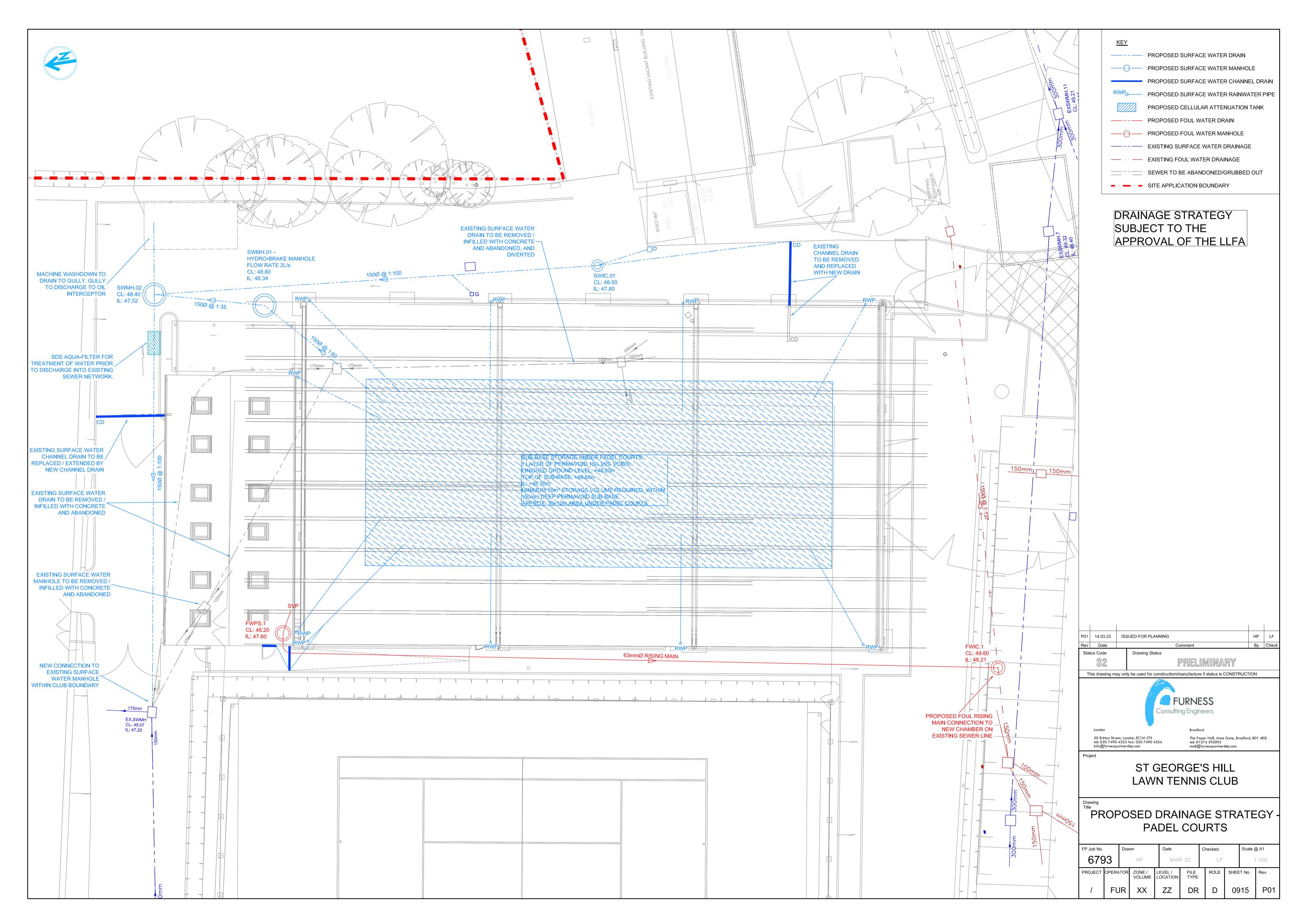
114

0

114

### **APPENDIX H - Proposed Drainage Strategy**





### APPENDIX I - InfoDrainage Model Results Summary



Project:	Date: 14/03/2023		1		
	Designed by:	Checked by:	Approved By:		
	h.patel			_	
Report Details:	Company Address	S:			
Type: Stormwater Controls				DDM	
Storm Phase: Phase				DKIN	



### Cellular Storage

Type : Cellular Storage

### Dimensions

Exceedence Level (m)	48.200
Depth (m)	0.150
Base Level (m)	47.900
Number of Crates Long	30
Number of Crates Wide	73
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	0.4
Crate Width (m)	0.4
Crate Height (m)	0.15
Total Volume (m³)	50.082

### Inlets

### Inlet

Inlet Type	Point Inflow
	Catchment Area (2)
	Catchment Area (3)
Incoming Item(s)	Catchment Area (4)
	Catchment Area (5)
Bypass Destination	(None)
Capacity Type	No Restriction

### Outlets

### Outlet

Outgoing Connection	Pipe
Outlet Type	Free Discharge

Project:	Date: 14/03/2023					
	Designed by:	Designed by: Checked by: Approved By:				
	h.patel					
Report Details:	Company Address:					
Type: Manhole Schedule					DRN	
Storm Phase: Phase					DKN	

Name	Cover Level (m) Invert Level (m)		Connection Det	Туре			
Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SWMH5	48.500 48.140	Diameter / Length: 1.200					Manhole
E:508893.892	0.360						
N:163248.056							
			{a} P2.000	Pipe	48.140	Diam/Width:100	Not Applicable
SWMH4	48.400 47.590	Diameter / Length: 1.200	{1} P2.000	Pipe	47.590	Diam/Width:100	Manhole
E:508896.515 N:163276.494	0.810	-	{2} P3.001	Pipe	47.590	Diam/Width:100	
			{a} P2.001	Pipe	47.590	Diam/Width:100	Not Applicable
SWMH1	48.050 47.190	Diameter / Length: 1.200	{1} P2.001	Pipe	47.190	Diam/Width:100	Manhole
E:508870.052	0.860						
N:163280.816							
							Not Applicable
SWMH2	48.250 47.850	Diameter / Length: 1.200	{1} Pipe	Pipe	47.850	Diam/Width:100	Manhole
E:508894.705	0.400						
N:163269.602							
			{a} P3.001	Pipe	47.850	Diam/Width:100	Not Applicable

Project:	Date:					
	14/03/2023			l		
	Designed by:	Designed by: Approved By:				
	h.patel					
Report Details:	Company Address:					
Type: Inflow Summary				1	DRN	
Storm Phase: Phase					DKN	

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	SWMH5		Time of Concentration	0.007	100	0	100	0.007
Catchment Area (1)	SWMH4		Time of Concentration	0.031	100	0	100	0.031
Catchment Area (2)	Cellular Storage		Time of Concentration	0.015	100	0	100	0.015
Catchment Area (3)	Cellular Storage		Time of Concentration	0.080	100	0	100	0.080
Catchment Area (4)	Cellular Storage		Time of Concentration	0.011	100	0	100	0.011
Catchment Area (5)	Cellular Storage		Time of Concentration	0.004	100	0	100	0.004
TOTAL		0.0		0.147				0.147

Project:		Date: 14/03/2023			
		Designed by:	Checked by:	Approved By:	
		h.patel			
Report Details:		Company Address:		Į.	
Type: Network Design Criteria					DRN
Storm Phase: Phase					DKN
Flow Options					
Peak Flow Calculation	(UK) Modified R	ational Method			
Min. Time of Entry (mins)		5			
Max. Travel Time (mins)		30			
· ·	_				
Pipe Options					
Lock Slope Options	None				
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					
Synchronise Manhole Invert Levels	•	]			

Project:	Date: 14/03/2023				
	Designed by:	Checked by:	Approved By:		
	h.patel				
Report Details:	Company Address:				
Type: Outfall Details				DDN	
Storm Phase: Phase				DKIN	

### Outfalls

Outfall	Outfall Type	Fixed Surcharged Level (m)	Level Curve
SWMH1	Free Discharge		

Project:	Date:					
	14/03/2023					
	Designed by:	Designed by: Checked by: Approved By:				
	h.patel					
Report Title:	Company Address:	Company Address:				
Rainfall Analysis Criteria					DRN	

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value	0
(%)	U
Junction Flood Risk Margin	200
(mm)	300
Perform No Discharge	
Analysis	
Time Step Urban Creep Urban Creep Global Value (%) Junction Flood Risk Margin (mm) Perform No Discharge	=

Project:	Date:					
	14/03/2023				1	
	Designed by:	esigned by: Checked by: Approved By:				
	h.patel					
Report Details:	Company Address:					
Type: Inflows Summary				1	DRN	
Storm Phase: Phase					DKN	



Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow (m³)
Catchment Area	FSR: 100 years: +25 %: 15 mins: Winter	0.01	3.8	1.796
Catchment Area (1)	FSR: 100 years: +25 %: 15 mins: Winter	0.03	17.2	8.042
Catchment Area (2)	FSR: 100 years: +25 %: 15 mins: Winter	0.01	8.1	3.790
Catchment Area (3)	FSR: 100 years: +25 %: 15 mins: Winter	0.08	43.9	20.599
Catchment Area (4)	FSR: 100 years: +25 %: 15 mins: Winter	0.01	5.8	2.729
Catchment Area (5)	FSR: 100 years: +25 %: 15 mins: Winter	0.00	2.2	1.010

Project:	Date:				
	14/03/2023				
	Designed by:	Checked by:	Approved By:		
	h.patel				
Report Details:	Company Address:				
Type: Junctions Summary				DDM	
Storm Phase: Phase				DRN	



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
SWMH5	FSR: 100 years: +25 %: 15 mins: Winter	48.50 0	48.14 0	48.264	0.124	3.8	0.140	0.000	3.2	1.788	Flood Risk
SWMH4	FSR: 100 years: +25 %: 15 mins: Winter	48.40 0	47.59 0	48.200	0.610	18.8	0.690	0.000	11.2	11.445	Flood Risk
SWMH1	FSR: 30 years: +0 %: 15 mins: Summer	48.05 0	47.19 0	47.290	0.100	8.4	0.000	0.000	8.4	6.390	ОК
SWMH2	FSR: 100 years: +25 %: 180 mins: Winter	48.25 0	47.85 0	48.020	0.170	2.0	0.192	0.000	2.0	34.274	Flood Risk

Project:	Date:					
	14/03/2023					
	Designed by:	Checked by:	Approved By:			
	h.patel					
Report Details:	Company Address:					
Type: Stormwater Controls Summary				7	DRN	
Storm Phase: Phase					DKN	



Stormwat er Control	Storm EVent	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Reside nt Volume (m³)	Max. Floode d Volume (m³)	Total Lost Volume (m³)	Max. Outflo w (L/s)	Total Dischar ge Volume (m³)	Percentag e Available (%)	Statu s
Cellular Storage	FSR: 100 years: +25 %: 180 mins: Winter	48.045	48.045	0.145	0.145	14.2	48.269	0.000	0.000	2.0	34.492	4	OK

Project:	Date:					
	14/03/2023					
	Designed by:	Checked by:	Approved By:			
	h.patel				_	
Report Details:	Company Address:					
Type: Connections Summary				7	DRN	
Storm Phase: Phase					DKN	



Connection	Storm Event	Connection Type	From	То	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
P2.000	FSR: 100 years: +25 %: 15 mins: Winter	Pipe	SWMH5	SWMH4	48.5	48.264	0.100	1.788	0.4	0.38	3.2	Flood Risk
P2.001	FSR: 100 years: +25 %: 15 mins: Winter	Pipe	SWMH4	SWMH1	48.4	48.200	0.100	10.275	1.4	1.51	11.2	Flood Risk
P3.001	FSR: 100 years: +25 %: 30 mins: Summer	Pipe	SWMH2	SWMH4	48.3	47.990	0.100	3.416	0.9	0.26	3.0	Flood Risk
Pipe	FSR: 100 years: +25 %: 120 mins: Winter	Pipe	Cellular Storage	SWMH2	48.2	48.041	0.100	22.894	0.3	0.71	2.0	Surcharged

Prepared by: Heeta Patel	Signed: Heeta Patel	Date: 14.03.23
Reviewed by: Leon Furness	Signed: Leon Furness	Date: 14.03.23

