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Intelligent Engineering

## FOUL SEWERAGE STATEMENT

Station Road, Hampton  
London

**CWA-19-207**

**06.08.19**

<b>Prepared by:</b>	<b>N.Robinson</b>
<b>Authorised by:</b>	<b>J.Panesar</b>
<b>Signed:</b>	
<b>Dated:</b>	<b>06.08.19</b>
<b>Rev A:</b>	<b>08.08.19</b>
<b>Rev B:</b>	<b>02.09.19</b>



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## **CONTENTS**

- 1.00 Introduction**
- 2.00 Site Location and Description**
- 3.00 Site Development Proposals**
- 4.00 Existing Foul Water Drainage Infrastructure**
- 5.00 Existing Connections**
- 6.00 Drainage Proposals**
- 7.00 Conclusions**

## **APPENDICES**

- Appendix 1 - Location Plan**
- Appendix 2 - Development Proposal**
- Appendix 3 - Topographical Survey**
- Appendix 4 - Thames Water Sewer Records & Correspondence**
- Appendix 5 - Outline Foul Water Drainage Strategy**



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06.08.19 Page 3  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **1.00 INTRODUCTION**

- 1.01 CWA have been commissioned to prepare a Foul Sewerage Statement for a Proposed Care Home development off Station Road, Hampton.
- 1.02 The Foul Sewerage Statement will be part of a Planning Application to be made to London Borough of Richmond Upon Thames Council.
- 1.03 The development proposes a Care Home with parking and amenity space.



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06.08.19 Page 4  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **2.00 SITE LOCATION AND DESCRIPTION**

- 2.01 The development site is situated at Station Road, Hampton at post code TW12 2AX. The Ordnance Survey National Grid reference to the centre of the site is E513712, N169726.
- 2.02 A Site Location Plan can be found in Appendix 1.
- 2.03 The site is irregularly shaped and occupies an approximate area of approximately 0.286 ha.
- 2.04 The neighbouring land use is as follows:
- North Greenfield Area.
  - East Commercial Units.
  - South Station Road & Office space.
  - West Commercial units & Office Space
- 2.05 The site slopes from 13.29m to 12.56m with a fall of 0.73m. The site is predominantly flat across the parking area with a gradient of 1 in 168.
- 2.06 The existing site is currently a police station which comprises of office space along the Western boundary with warehouse parking to the North. An access road runs through the centre of the site with outdoor parking to the East.
- 2.07 A Topographical Survey can be found in Appendix 3.



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06.08.19 Page 5  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

### **3.00 SITE DEVELOPMENT PROPOSALS**

3.01 The development proposes the construction of the following:

3.01.01 67 bed care home and 22 care suites

3.01.02 14 no. Parking Spaces

3.01.03 Amenity Areas located to the rear and centre of the development

3.01.04 Access Road Entering in from Station Road

3.02 A copy of the Site Layout can be found in Appendix 2.



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06.08.19 Page 6  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

#### **4.00 EXISTING FOUL WATER DRAINAGE INFRASTRUCTURE**

- 4.01 Thames Water Ltd has been contacted for information regarding existing foul water sewers in the vicinity of the site.
- 4.02 A copy of the Thames Water Asset Location search sewer plan can be found in Appendix 4.
- 4.03 There is an existing 175mm diameter foul water public sewer running to the East along Station Road approximately 2.5m deep



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06.08.19 Page 7  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **5.00 EXISTING CONNECTIONS**

- 5.01 The topographical survey indicates the existing police station is being served by a foul drainage network.
- 5.02 The existing connection is not shown but it is considered probable that it discharges to the public foul water sewer within Station Road.



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06.08.19 Page 8  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **6.00 DRAINAGE PROPOSALS**

- 6.01 The foul water drainage will be designed in compliance with the requirements of Building Regulations Appendix Document H.
- 6.02 The proposed care home with 89 units in accordance with Sewers for Adoption are anticipated to generate a peak flow of 4.09 l/s (based on 4000l/day per unit).
- 6.03 Pre-planning Enquiries
  - 6.03.01 A pre-planning enquiry was submitted to Thames Water who confirmed that the existing foul sewer network does have sufficient capacity to accommodate the proposed foul water discharge from the proposed development.
  - 6.03.02 A copy of the Thames Water pre-planning enquiry response can be found in Appendix 4.
- 6.04 Drainage Strategy
  - 6.04.01 CWA have prepared a foul water strategy drawing, which can be found in Appendix 5.
  - 6.04.02 A formal S106 notification will be required.





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06.08.19 Page 9  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **7.00 CONCLUSIONS**

- 7.01 The development proposes a Care home to support 89 units and 14 no. parking bays with access road running through to the to the north of the site.
- 7.02 Foul water will discharge of 4.09 l/s will discharge into Station Road 175mm foul public sewers, subject to a formal S106 connection application.
- 7.03 Thames Water have confirmed that the existing foul sewer network does have sufficient capacity to accommodate the proposed public foul discharge for the development.



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06.08.19 Page 10  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **APPENDICES**



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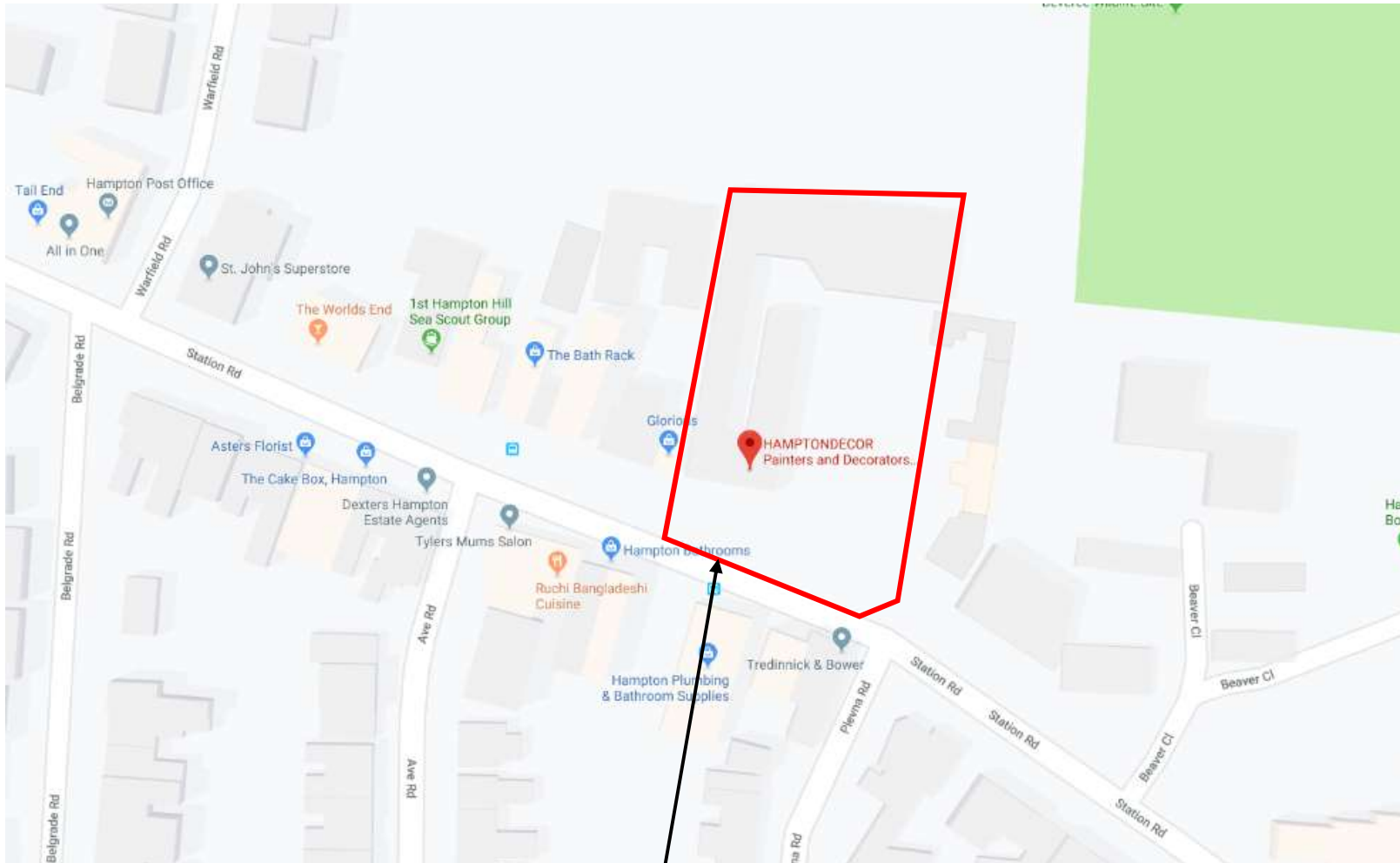
06.08.19 Page 11  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **APPENDIX 1**

### **LOCATION PLAN**

Appendix 1A – Site Location Plan

Station Road, Hampton (TW12 2AX)



Site Location

06.08.19 Page 12  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy



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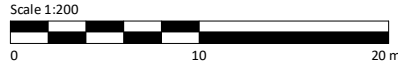
## **APPENDIX 2**

### **DEVELOPMENT PROPOSAL**

Figured dimensions only are to be used. All dimensions to be checked onsite. Difference between drawings and between drawings and specifications or bills of quantities to be reported to the PRC Group.

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Revisions:	Drawn / Chkd:	Date:
P1 Preliminary Issue	MAS	22.05.2019
P2 General updates	AM	02.07.2019
P3 Building update	AM	10.07.2019
P4 General updates	AM	24.07.2019



### Preliminary Issue

Client:  
**Cinnamon Care Collection** 

Project:  
Proposed Care Development  
Station Road, Hampton

24 Church St. West,  
Woking, Surrey,  
GU21 6HT  
01483 494 350  
info@prc-group.com  
www.prc-group.com

Drawing Title:  
**Site Layout**

Architecture  
Planning  
Master Planning  
Urban Design  
Interiors  
Landscape

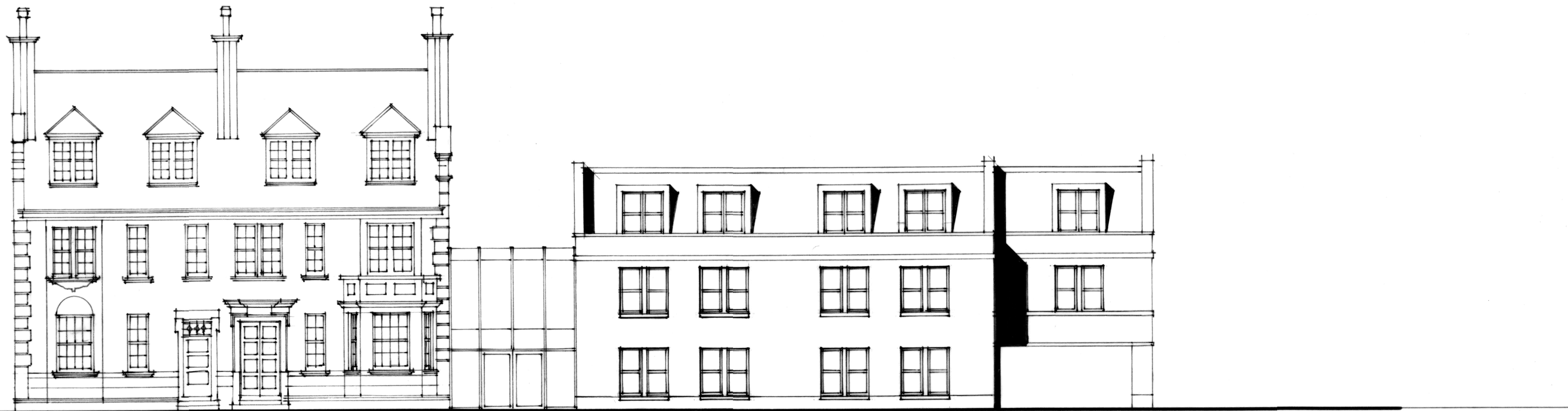
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Checked by: AM  
Date: 16.05.2019

Job No: 11045  
Stage\_Drawing No: FE\_010  
Rev: P4

Issue Status:  
Construction  Preliminary   
Information  Approval   
Tender

Offices  
Woking  
London  
Milton Keynes  
Warsaw





Revisions:	Drawn / Chkd:	Date:
P1 Preliminary Issue	MAS	22.05.2019
P2 Minor amendments	MAS	04.06.2019




**Accommodation Schedule**

	Basement	Ground	First	Second	TOTAL
Assisted Care	0	3	3	16	22
Care Beds	17	17	32	0	66

**Gross Internal Area (GIA) Schedule (m2)**

	Basement	Ground	First	Second	TOTAL
Assisted Care	430	208	204	1138	1980m2 (21,313 sq.ft)
Care Beds	963	943	1198	0	3104m2 (33,411 sq.ft)

**5084m2**  
(54,724 sq.ft)

**Preliminary Issue**

Client:  
**Cinnamon Care Collection**

Project:  
Proposed Care Development  
Station Road, Hampton

24 Church St. West,  
Woking, Surrey,  
GU24 6HT  
01483 494 350  
info@prc-group.com  
www.prc-group.com



Drawing Title:  
**Ground Floor layout**

Scale @ A1:	Checked by:	Date:
1:100	AM	05/16/19

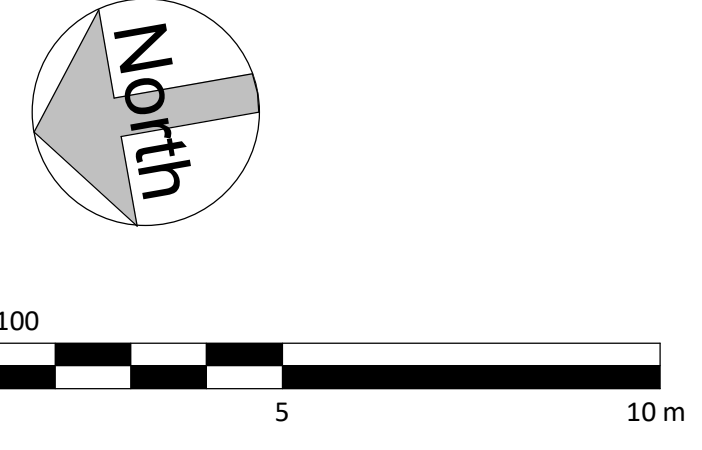
Job No:	Stage_Drawing No:	Rev:
11045	FE_012	P2

Issue Status:	Architecture
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Information <input type="checkbox"/>	Master Planning <input type="checkbox"/>
Tender <input type="checkbox"/>	Urban Design <input type="checkbox"/>
	Interiors <input type="checkbox"/>
	Landscapes <input type="checkbox"/>

Offices
Woking <input type="checkbox"/>
London <input type="checkbox"/>
Milton Keynes <input type="checkbox"/>
Warsaw <input type="checkbox"/>





Revisions:	Drawn / Chkd:	Date:
P1 Preliminary Issue	MAS	22.05.2019
P2 Minor Amendments	MAS	04.06.2019
P3 Floor Plan updates	AM	01.07.2019
P4 Floor Plan updates	AM	10.07.2019
P5 General updates	AM	24.07.2019



## Preliminary Issue

Client:  
Cinnamon Care Collection



Project:  
Proposed Care Development  
Station Road, Hampton

24 Church St. West,  
Woking, Surrey,  
GU21 6HT  
01483 494 350

info@prc-group.com  
www.prc-group.com

Drawing Title:  
Basement Floor Layout

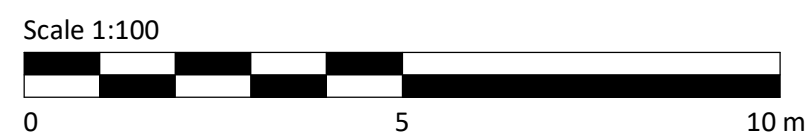
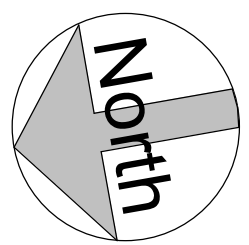
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Job No:	Stage_Drawing No:	Rev:
11045	FE_011	P5

Issue Status:	Architecture
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Information <input type="checkbox"/>	Master Planning <input type="checkbox"/>
Tender <input type="checkbox"/>	Urban Design <input type="checkbox"/>
	Interiors <input type="checkbox"/>
	Landscape <input type="checkbox"/>

Offices:  
Woking  
London  
Milton Keynes  
Warsaw

PRC Architecture & Planning  
24/07/2019 12:19:33



06.08.19 Page 13  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy



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## **APPENDIX 3**

### **TOPOGRAPHICAL SURVEY**







06.08.19 Page 14  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy



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## **APPENDIX 4**

### **THAMES WATER SEWER RECORDS AND CORRESPONDENCE**



Mr Nathan Robinson  
CWA  
3<sup>rd</sup> Floor, Lancaster House  
67 Newhall Street  
Birmingham  
B3 1NQ



30 July 2019

## Pre-planning enquiry: Confirmation of sufficient capacity

**Site Address: 74A Station Road, Hampton, Greater London - TW12 2AX**

Dear Mr Robinson,

Thank you for providing information on your development for the proposed 88no. bed care home on previously Brownfield land.

**Foul water discharge via gravity into 175mm foul water sewer on Station Road.  
Surface water discharge via gravity into 225mm surface water sewer on Station road. Flows restricted to 5.0l/s discharging a total impermeable area of 1,890m<sup>2</sup>.**

### Foul Water

From the information you have provided, we can confirm that the existing **foul sewer** network does have sufficient capacity to accommodate the proposed foul water discharge from the proposed development.

This confirmation for capacity is valid for 12 months or for the life of any planning approval that this information is used to support, to a maximum of three years.

**You'll need to keep us informed of any changes to your design – for example, an increase in the number or density of homes. Such changes could mean there is no longer sufficient capacity.**

Please make sure you submit your connection application, giving us at least 21 days' notice of the date you wish to make your new connection/s.

### Surface Water

When redeveloping an existing site, policy 5.13 of the London Plan and Policy 3.4 of the Supplementary Planning Guidance (Sustainable Design And Construction) states that every attempt should be made to use flow attenuation and SUDS/storage to reduce the surface water discharge from the site as much as possible.

Thames Water Planning team would expect the surface water drainage hierarchy to be applied to demonstrate that discharge to the public sewer is the most appropriate discharge route. If this is confirmed, then surface water runoff will need to be attenuated to a peak discharge rate of **2.0litres/second** for all storm events up to and including 1in100year+40%CC. Should the policy above be followed, we would envisage no capacity concerns with regards to surface water for this site.

If you've any further questions, please contact me on 0203 5778 102.

Yours sincerely

Rahim Khan

Development Engineer  
Developer Services – Sewer Adoptions Team

# Asset location search



## Property Searches

CWA Intelligent Engineering  
67 Newhall Street 67 Newhall Street

BIRMINGHAM  
B3 1NQ

**Search address supplied** Station Road, Hampton  
NA  
NA  
74A  
Station Road  
NA  
NA  
Hampton  
Greater London  
TW12 2AX

**Your reference** CWA-19-207

**Our reference** ALS/ALS Standard/2019\_4043919

**Search date** 19 July 2019

### Keeping you up-to-date

#### Notification of Price Changes

From 1 September 2018 Thames Water Property Searches will be increasing the price of its Asset Location Search in line with RPI at 3.23%.

For further details on the price increase please visit our website: [www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk)  
Please note that any orders received with a higher payment prior to the 1 September 2018 will be non-refundable.



Thames Water Utilities Ltd  
Property Searches, PO Box 3189, Slough SL1 4WW  
DX 151280 Slough 13



[searches@thameswater.co.uk](mailto:searches@thameswater.co.uk)  
[www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk)



0845 070 9148



**Search address supplied:** Station Road, Hampton, NA, NA, 74A, Station Road, NA, NA, Hampton, Greater London, TW12 2AX

Dear Sir / Madam

**An Asset Location Search is recommended when undertaking a site development.** It is essential to obtain information on the size and location of clean water and sewerage assets to safeguard against expensive damage and allow cost-effective service design.

The following records were searched in compiling this report: - the map of public sewers & the map of waterworks. Thames Water Utilities Ltd (TWUL) holds all of these.

This search provides maps showing the position, size of Thames Water assets close to the proposed development and also manhole cover and invert levels, where available.

Please note that none of the charges made for this report relate to the provision of Ordnance Survey mapping information. The replies contained in this letter are given following inspection of the public service records available to this company. No responsibility can be accepted for any error or omission in the replies.

You should be aware that the information contained on these plans is current only on the day that the plans are issued. The plans should only be used for the duration of the work that is being carried out at the present time. Under no circumstances should this data be copied or transmitted to parties other than those for whom the current work is being carried out.

Thames Water do update these service plans on a regular basis and failure to observe the above conditions could lead to damage arising to new or diverted services at a later date.

## Contact Us

If you have any further queries regarding this enquiry please feel free to contact a member of the team on 0845 070 9148, or use the address below:

Thames Water Utilities Ltd  
Property Searches  
PO Box 3189  
Slough  
SL1 4WW

Email: [searches@thameswater.co.uk](mailto:searches@thameswater.co.uk)

Web: [www.thameswater-propertysearches.co.uk](http://www.thameswater-propertysearches.co.uk)



## 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.**

Enclosed is a map showing the approximate positions of our water mains and associated apparatus. Please note that records are not kept of the positions of individual domestic supplies.

For your information, there will be a pressure of at least 10m head at the outside stop valve. If you would like to know the static pressure, please contact our Customer Centre on 0800 316 9800. The Customer Centre can also arrange for a full flow and



pressure test to be carried out for a fee.

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.

## 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

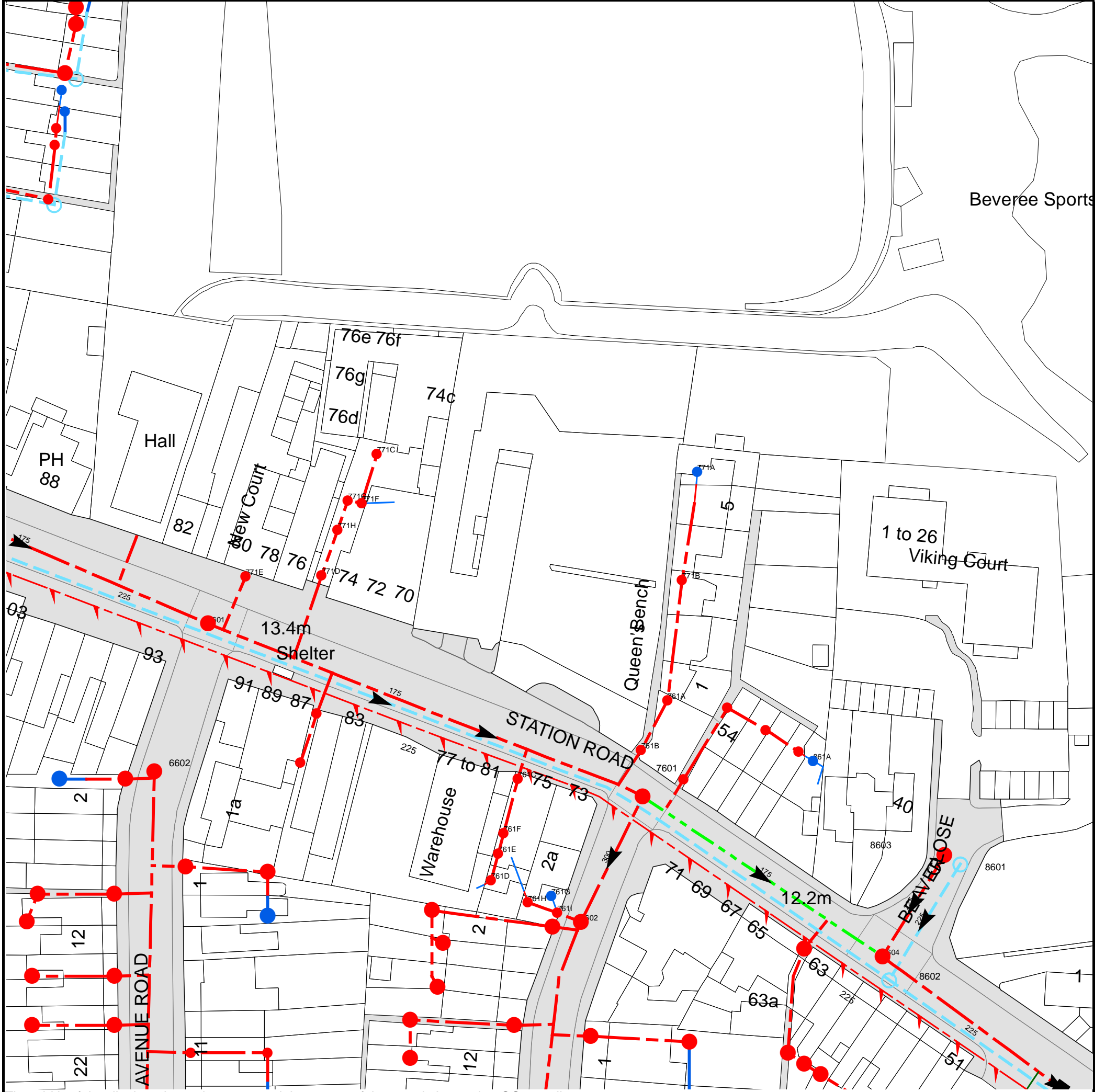
Tel: 0800 009 3921  
Email: [developer.services@thameswater.co.uk](mailto:developer.services@thameswater.co.uk)

### 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](mailto:developer.services@thameswater.co.uk)



The width of the displayed area is 200 m and the centre of the map is located at OS coordinates 513758,169711

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.

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NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available



















Manhole Reference	Manhole Cover Level	Manhole Invert Level
76ZQ	n/a	n/a
761D	n/a	n/a
761E	n/a	n/a
761F	n/a	n/a
76WX	n/a	n/a
761C	n/a	n/a
761H	n/a	n/a
761G	n/a	n/a
76ZS	n/a	n/a
761I	n/a	n/a
7602	12.52	10.76
76YY	n/a	n/a
761B	n/a	n/a
7601	12.28	10.13
761A	n/a	n/a
771B	n/a	n/a
76XX	n/a	n/a
76YZ	n/a	n/a
76XY	n/a	n/a
76XZ	n/a	n/a
86ZT	n/a	n/a
86ZP	n/a	n/a
86ZV	n/a	n/a
86ZR	n/a	n/a
861A	n/a	n/a
86ZW	n/a	n/a
8604	12.35	10.31
8602	10.42	9.55
8603	12.58	11.02
8601	12.6	10.7
67ZS	n/a	n/a
67YY	n/a	n/a
67ZT	n/a	n/a
67ZV	n/a	n/a
67ZX	n/a	n/a
67YQ	n/a	n/a
67ZP	n/a	n/a
68ZQ	n/a	n/a
67XZ	n/a	n/a
68ZR	n/a	n/a
771D	n/a	n/a
771H	n/a	n/a
771G	n/a	n/a
771F	n/a	n/a
771C	n/a	n/a
771A	n/a	n/a
66YY	n/a	n/a
66YT	n/a	n/a
66ZP	n/a	n/a
66YQ	n/a	n/a
66XV	n/a	n/a
6602	13.39	11.82
66XR	n/a	n/a
66YX	n/a	n/a
6601	13.56	10.99
771E	n/a	n/a
76WS	n/a	n/a
76WV	n/a	n/a
76YR	n/a	n/a
76XT	n/a	n/a
76XS	n/a	n/a
76WZ	n/a	n/a
76WY	n/a	n/a
76ZT	n/a	n/a
76ZX	n/a	n/a
66ZR	n/a	n/a
66YR	n/a	n/a
66YV	n/a	n/a
66ZQ	n/a	n/a

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.








# ALS Sewer Map Key

## Public Sewer Types (Operated & Maintained by Thames Water)

-  **Foul:** A sewer designed to convey waste water from domestic and industrial sources to a treatment works.
-  **Surface Water:** A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses.
-  **Combined:** A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.
-  Trunk Surface Water
-  Trunk Foul
-  Storm Relief
-  Trunk Combined
-  Vent Pipe
-  Bio-solids (Sludge)
-  Proposed Thames Surface Water Sewer
-  Proposed Thames Water Foul Sewer
-  Gallery
-  Foul Rising Main
-  Surface Water Rising Main
-  Combined Rising Main
-  Sludge Rising Main
-  Proposed Thames Water Rising Main
-  Vacuum





## Sewer Fittings

A feature in a sewer that does not affect the flow in the pipe. Example: a vent is a fitting as the function of a vent is to release excess gas.

-  Air Valve
-  Dam Chase
-  Fitting
-  Meter
-  Vent Column




## Operational Controls

A feature in a sewer that changes or diverts the flow in the sewer. Example: A hydrobrake limits the flow passing downstream.

-  Control Valve
-  Drop Pipe
-  Ancillary
-  Weir





## End Items

End symbols appear at the start or end of a sewer pipe. Examples: an Undefined End at the start of a sewer indicates that Thames Water has no knowledge of the position of the sewer upstream of that symbol, Outfall on a surface water sewer indicates that the pipe discharges into a stream or river.

-  Outfall
-  Undefined End
-  Inlet






## Other Symbols

Symbols used on maps which do not fall under other general categories








-  Public/Private Pumping Station
-  Change of characteristic indicator (C.O.C.I.)
-  Invert Level
-  Summit

### Areas

Lines denoting areas of underground surveys, etc.

-  Agreement
-  Operational Site
-  Chamber
-  Tunnel
-  Conduit Bridge

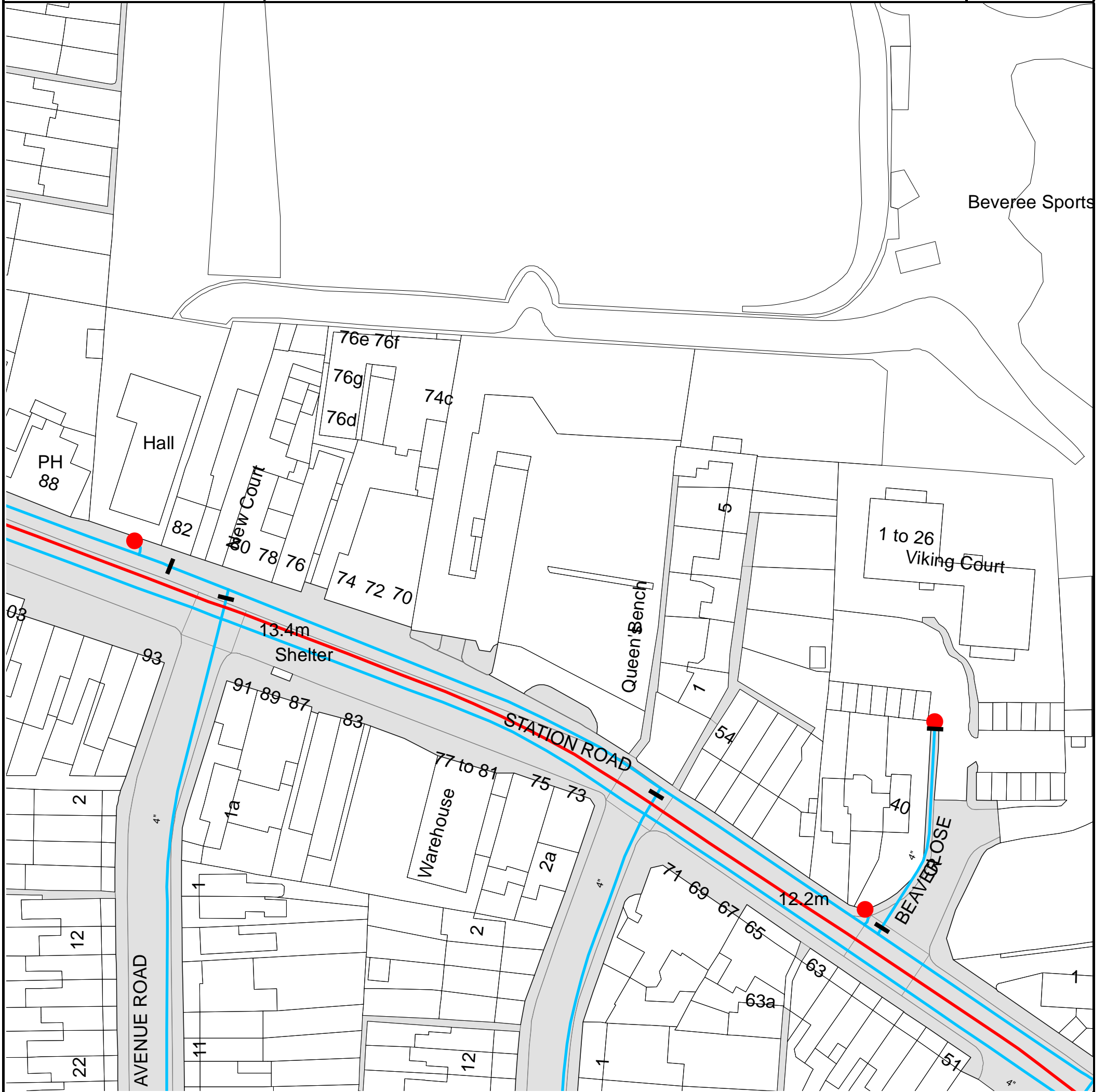
## Other Sewer Types (Not Operated or Maintained by Thames Water)

-  Foul Sewer
-  Surface Water Sewer
-  Combined Sewer
-  Gully
-  Culverted Watercourse
-  Proposed
-  Abandoned Sewer

### Notes:

- 1) All levels associated with the plans are to Ordnance Datum Newlyn.
- 2) All measurements on the plans are metric.
- 3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate direction of flow.
- 4) 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 level indicates that data is unavailable.
- 6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimetres. 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 present on the plan, please contact a member of Property Insight on 0845 070 9148.












The width of the displayed area is 200 m and the centre of the map is located at OS coordinates 513758, 169711.  
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.

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# ALS Water Map Key

## Water Pipes (Operated & Maintained by Thames Water)


- 
**Distribution Main:** The most common pipe shown on water maps. With few exceptions, domestic connections are only made to distribution mains.
- 
**Trunk Main:** A main carrying water from a source of supply to a treatment plant or reservoir, or from one treatment plant or reservoir to another. Also a main transferring water in bulk to smaller water mains used for supplying individual customers.
- 
**Supply Main:** A supply main indicates that the water main is used as a supply for a single property or group of properties.
- 
**Fire Main:** Where a pipe is used as a fire supply, the word FIRE will be displayed along the pipe.
- 
**Metered Pipe:** A metered main indicates that the pipe in question supplies water for a single property or group of properties and that quantity of water passing through the pipe is metered even though there may be no meter symbol shown.
- 
**Transmission Tunnel:** A very large diameter water pipe. Most tunnels are buried very deep underground. These pipes are not expected to affect the structural integrity of buildings shown on the map provided.
- 
**Proposed Main:** A main that is still in the planning stages or in the process of being laid. More details of the proposed main and its reference number are generally included near the main.

PIPE DIAMETER	DEPTH BELOW GROUND
Up to 300mm (12")	900mm (3')
300mm - 600mm (12" - 24")	1100mm (3' 8")
600mm and bigger (24" plus)	1200mm (4')

## Valves

-  General Purpose Valve
-  Air Valve
-  Pressure Control Valve
-  Customer Valve

## Hydrants








-  Single Hydrant

## Meters










-  Meter

## End Items

Symbol indicating what happens at the end of a water main.

-  Blank Flange
-  Capped End
-  Emptying Pit
-  Undefined End
-  Manifold
-  Customer Supply
-  Fire Supply



## Operational Sites

-  Booster Station
-  Other
-  Other (Proposed)
-  Pumping Station
-  Service Reservoir
-  Shaft Inspection
-  Treatment Works
-  Unknown
-  Water Tower

## Other Symbols

-  Data Logger

## Other Water Pipes (Not Operated or Maintained by Thames Water)

-  **Other Water Company Main:** Occasionally other water company water pipes may overlap the border of our clean water coverage area. These mains are denoted in purple and in most cases have the owner of the pipe displayed along them.
-  **Private Main:** Indicates that the water main in question is not owned by Thames Water. These mains normally have text associated with them indicating the diameter and owner of the pipe.



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Credit Card	BACS Payment	Telephone Banking	Cheque
<p>Call <b>0845 070 9148</b> quoting your invoice number starting CBA or ADS / OSS</p>	<p>Account number <b>90478703</b> Sort code <b>60-00-01</b> A remittance advice must be sent to: <b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW.</b> or email <a href="mailto:ps.billing@thameswater.co.uk">ps.billing@thameswater.co.uk</a></p>	<p>By calling your bank and quoting: Account number <b>90478703</b> Sort code <b>60-00-01</b> and your invoice number</p>	<p>Made payable to '<b>Thames Water Utilities Ltd</b>' Write your Thames Water account number on the back. Send to: <b>Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW</b> or by DX to <b>151280 Slough 13</b></p>

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## Terms and Conditions

### Search Code



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#### TPOs Contact Details

The Property Ombudsman scheme  
Milford House  
43-55 Milford Street  
Salisbury  
Wiltshire SP1 2BP  
Tel: 01722 333306  
Fax: 01722 332296  
Web site: [www.tpos.co.uk](http://www.tpos.co.uk)  
Email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk)

You can get more information about the PCCB from [www.propertycodes.org.uk](http://www.propertycodes.org.uk)

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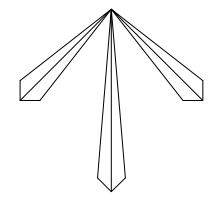
06.08.19 Page 15  
Station Road, Hampton  
Flood Risk Assessment and Drainage Strategy

## **APPENDIX 5**

### **OUTLINE FOUL WATER DRAINAGE STRATEGY**



INDICATIVE NORTH



- Key**
- EX-FWS — Existing Adopted Foul Water Sewer
  - Existing Manhole
  - Proposed Foul Water Drain
  - Proposed Foul Water Inspection Chamber
  - Proposed Foul Water Manhole
  - ▲ Proposed Foul Pumping Station
  - Rising Main

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2. Do not scale from this drawing.
3. Drawing issued for preliminary discussions only, further to approval from Planning, Local Authority, Sewerage Undertaker, Environment Agency and any other governing parties. Following receipt of further information and comments the scheme may be revised.
4. Drawing based upon PRC architects layout drawing ref: 11045\_FE-010\_P4 Site Layout
5. The location and level of all existing services are to be identified prior to construction and the engineer advised of any clashes.
6. Locations and extent of drainage network and discharge point indicative only.
7. No hydraulic modeling, geotechnical and structural assessment of the proposal has been carried out at this stage.
8. Drainage Position subject to detailed design and coordination with foul system and structural foundations
9. Foul design based on 85 units which equates to 4.05 l/s peak flow.

**This Drainage Design Is Subject To:**

- Detail drainage and levels design
- Further discussion with Thames Water, LA, LLFA, EA
- S106 application approved

Finished Floor Level - 13.45m  
Basement Level - 10.15m



**FOR PLANNING PURPOSES ONLY**

Rev.	Amendments	Date	By	Chkd.

Drawing Status



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**Station Road  
Hampton  
London**

**Outline Foul Water  
Drainage Strategy**

Drawing Number	Revision
<b>CWA-19-207-SK003</b>	<b>P4</b>
Drawn by	Checked by
NR	JSP
Date	Scale
July 2019	1:200 @ A1