



Flood Risk Assessment

Churchfields Road, Beckenham, London

Churchfields Road BR3 Limited

Prepared by:

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0EQ

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Basis of Report

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Appendices

Appendix A Thames Water Asset Location Search



1.0 Introduction

Authorisation

- 1.1 SLR Consulting Ltd has been appointed by Churchfields Road BR3 Ltd to prepare a Flood Risk Assessment (FRA) to support a change of use planning application associated with land at Churchfields Road, Beckenham.

Background

- 1.2 The site consists of an electricity undertaker's depot, vehicle service repair and mot testing station (SUI Generis). It has a total size of approximately 1.4 hectares.
- 1.3 According to the Environment Agency (EA) Flood Map for Planning, the site is entirely located in Flood Zone 2. In this case, Flood Zone 2 is defined as land at risk of fluvial flooding with an annual probability of occurrence between 1% and 0.1%.
- 1.4 Given the flood zone status of the site, an FRA is required by the National Planning Policy Framework (NPPF). This FRA has been developed in accordance with the guidelines set out in the NPPF and informed by regional and local planning policy.

Development Proposal

- 1.5 Change of use from electricity undertaker's depot and vehicle service repair and mot testing station to flexible use of general industrial (Class B2) and storage (Class B8).

Aims and Objectives

- 1.6 The aim of this FRA is to demonstrate that the site can be developed safely, without exposing it to an unacceptable degree of flood risk and/or increasing the flood risk to third parties. The objectives of this FRA are to:
- Review the relevant planning policy documents to ensure that the development proposals are in accordance with this and other regional and local guidance.
 - Undertake a desk-based review of the available flood risk information to assess past, current and future flood risk issues, taking into consideration the anticipated impacts of climate change.
 - Identify flood mitigation requirements, if any, to ensure the development is safe from flooding, without impacting third parties.
 - Consider the impact of the proposals on the surface water drainage arrangements.
 - Summarise the above in an FRA.



2.0 Site Description

Site Location and Description

- 2.1 The site is located in Beckenham, South London and is centred at an approximate grid reference of TQ 36069 68999. It is accessed via a lane from Churchfield Road, which crosses a watercourse on the site boundary. The site comprises of an electricity undertaker's depot and vehicle service repair and mot testing station. The total site area is approximately 1.4 ha. The approximate red line boundary is shown in Figure 2-1.
- 2.2 Recreational fields bound the north and southern extent of the site. The east is bounded by a railway line and housing beyond this. The west is bounded by a watercourse, with a recycling centre and education facility beyond. The watercourse also bounds the northern boundary of the site.

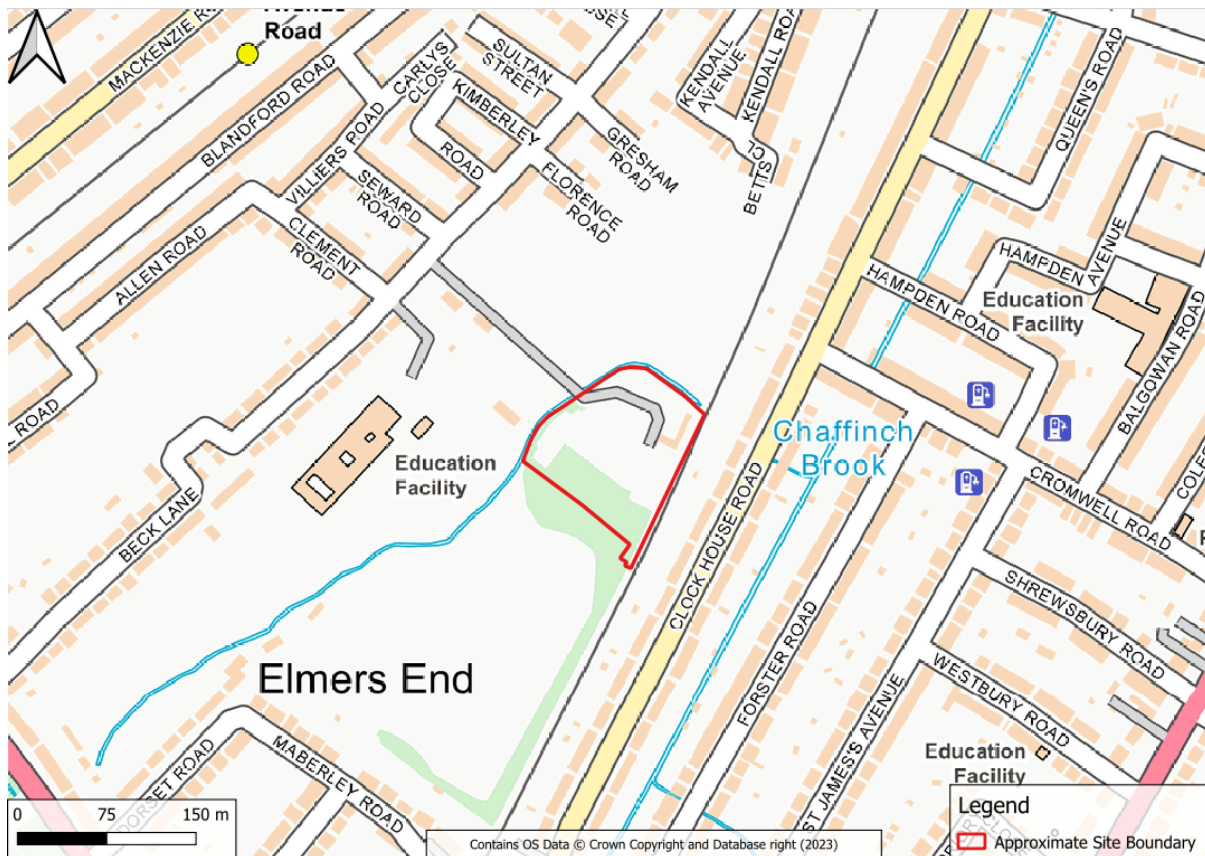


Figure 2-1 Site Location Plan

Site Topography

- 2.3 No topographical survey is available for the site. 1 m resolution LiDAR DTM data has been used to assess elevations at the site, as shown in Figure 2-2. LiDAR shows that the site has a generally flat topography with slightly raised areas across the site. A maximum ground level



of 32.2m AOD is located to the north west of the site and a minimum level of 31.0 m AOD towards the centre of the site.

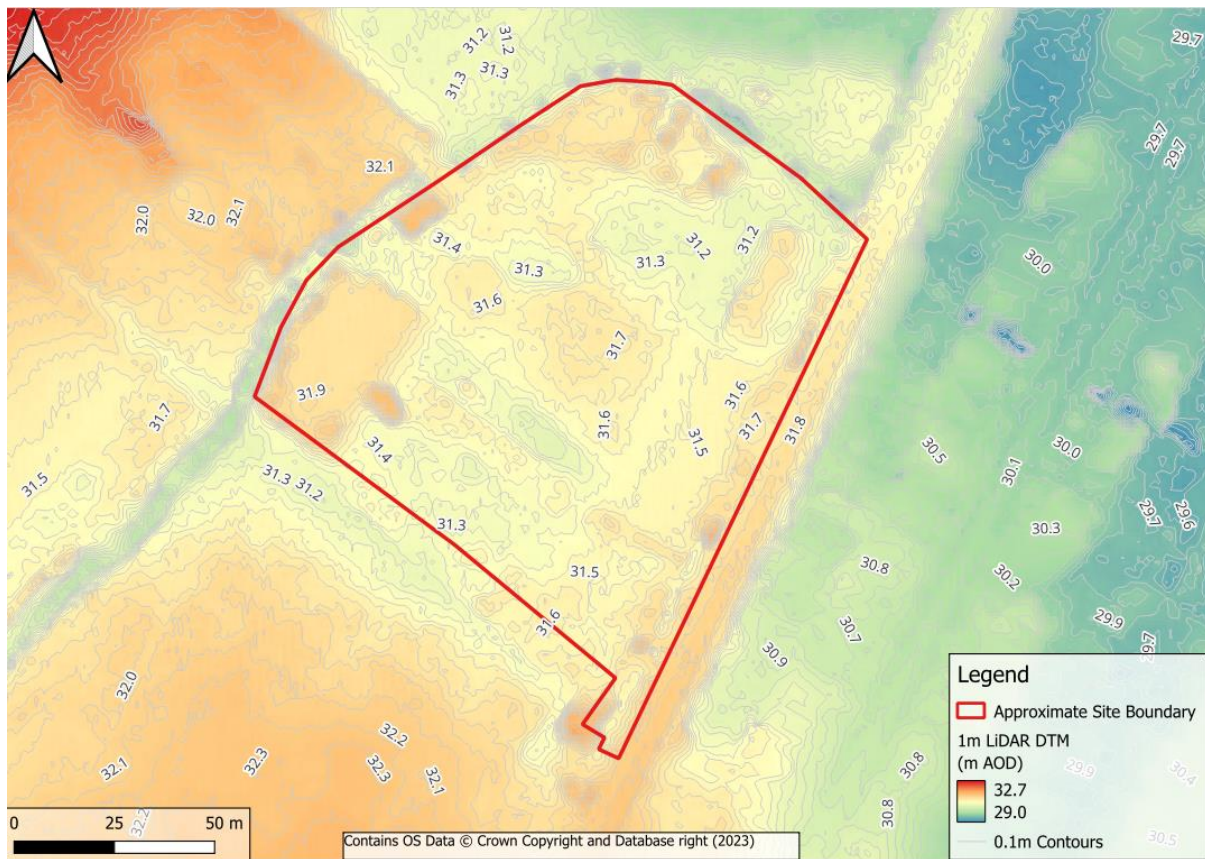


Figure 2-2 1 m Resolution LiDAR Data

Geology and Hydrogeology

- 2.4 The 1 in 50,000 scale British Geological Survey (BGS) online mapping indicates that the site is underlain by Clay and Silt of the London Clay Formation. Superficial deposits of Clay, Silt, Sand and Gravel are also present at the site.
- 2.5 The London Clay Formation is classified as a Secondary A aquifer. Secondary A aquifers comprise permeable layers that can support local water supplies and may form an important source of base flow to rivers.
- 2.6 The site is not located within a groundwater Source Protection Zone (SPZ).

Hydrology and Existing Drainage

- 2.7 A tributary of the Chaffinch Brook flows alongside the western and northern boundary of the site. The watercourse passes beneath the railway line and joins Chaffinch Brook approximately 100 m downstream of the site. Chaffinch Brook flows northwards before joining the Ravensbourne River and eventually into the River Thames.
- 2.8 Surface water runoff from the site is anticipated to drain into the watercourse.
- 2.9 Asset records obtained Thames Water indicate that a surface water sewer is present approximately 150 m north of the site. A foul sewer is present immediately northeast of the site. Refer to sewer records in Appendix A.



3.0 Planning Policy and Guidance

National Planning Policy Framework

- 3.1 The National Planning Policy Framework (NPPF) sets out the Government's national policies for flood risk management in a land use planning context within England and how these are expected to be applied. It states the requirement for a sequential, risk-based approach to the location of development – taking into account all sources of flood risk and the current and future impact of climate change – so as to avoid, where possible, flood risk to people and property.
- 3.2 The aim of the Sequential Test is to steer new development to areas with the lowest risk of flooding from any source. Development should not be allocated or permitted if there are reasonably available sites appropriate for the development in areas with a lower risk of flooding.
- 3.3 If it is not possible for development to be located in areas with a lower risk of flooding (taking into account wider sustainable development objectives), the Exception Test may have to be applied. The need for the Exception Test will depend on the potential vulnerability of the site and of the development proposed.
- 3.4 In accordance with the NPPF, the Sequential Test and Exception Test is not required for a change of use planning application.

Bromley Local Plan

- 3.5 The Local Plan is a collection of planning documents, including the Bromley Local Plan which was adopted in January 2019. This sets out the key elements of the vision for the development of Bromley until 2030. It includes Policy 115 (Reducing Flood Risk) which is extracted in Figure 3-1.

Policy 115

Reducing Flood Risk

In order to address existing flood risk and to reduce the impact of new development, the Council will:

- Work with the Environment Agency, landowners and developers, based on the findings of the most recent SFRA and other Plans, to manage and reduce flood risk from all sources of flooding.
- Apply the sequential and exception tests to avoid inappropriate development in relation to flood risk.
- Implement sustainable drainage system (SUDs) across the borough and work towards effective management of surface water flooding.
- Fully engage in flood risk emergency planning including the pre, during and post phases of flooding event.
- Propose ensure the implementation of measures to mitigate flood risk across the borough that are effective, viable, attractive and enhance the public realm and ensure that any residual risk can be safely managed.

To minimise river flooding risk, development in Flood Risk Areas (Environment Agency Flood Zones 2 and 3 and surface water flood risk hotspots) will be required to seek opportunities to deliver a reduction in flood risk compared with the existing situation.

In Flood Risk Areas the sequential test and exception test as set out in the NPPF and associated technical guidance should be applied. Flood Risk Assessments should be submitted in support of all planning applications in these areas and for major development proposals across the Borough.

All development proposals should reduce surface water run-off entering the sewerage network reduce rainwater run-off through the use of suitable Sustainable Drainage Systems (SUDS) as far as possible.

Figure 3-1 Bromley Council Local Plan Policy 115

- 3.6 Policy 116 (Sustainable Urban Drainage Systems) is also relevant to the planning application and an extract is provided below as Figure 3-2



Policy 116

Sustainable Urban Drainage Systems (SUDS)

All developments should seek to incorporate Sustainable Urban Drainage Systems (SUDS) or demonstrate alternative sustainable approaches to the management of surface water as far as possible.

Applications for developments located within Flood Zones 2, 3a and 3b and in Flood Zone 1 for areas identified as hot spots in Bromley's Surface water Management Plan (SWAMP), Preliminary Flood Risk Assessment (PFRA) and in the Strategic Flood Risk Assessment must be accompanied by a site-specific Flood Risk Assessment (FRA).

Figure 3-2 Bromley Council Local Plan Policy 116

London Borough of Bromley Strategic Flood Risk Assessment (SFRA)

- 3.7 A SFRA for Bromley Council was prepared in August 2017¹ and identifies the flood risk within the county from rivers, surface water, groundwater, sewers and other artificial sources.

The SuDS Manual (CIRIA C753) 2015

- 3.8 The CIRIA SuDS Manual provides comprehensive guidance for the design and incorporation of SuDS. The manual sets out the process by which appropriate SuDS options may be selected for a site.
- 3.9 The guidance within the CIRIA SuDS Manual (2015) will be used for the planning, design, operation and maintenance of the proposed SuDS.

¹ Strategic Flood Risk Assessment 2017. Bromley Council. Available at:
<https://www.bromley.gov.uk/downloads/download/97/strategic-flood-risk-assessment-2017>



4.0 Assessment of Flood Risk

Historic Flooding

- 4.1 Records from the EA online historic flood mapping data and the London Borough of Bromley SFRA indicate that the site is situated within a mapped historic flood outline area. The mapping shows that the site has two recorded historic flood events which occurred in November 1965 and in September of 1968, associated with the Chaffinch Brook.

Fluvial and Coastal/Tidal Flood Risk

- 4.2 The EA Flood Map for Planning shows the risk of flooding from both rivers (i.e. fluvial flooding) and the sea. It identifies that that site is entirely in Flood Zone 2. The site is bordered by Flood Zone 3, associated with the watercourse corridor. The Flood Map for Planning is shown in Figure 4-1.

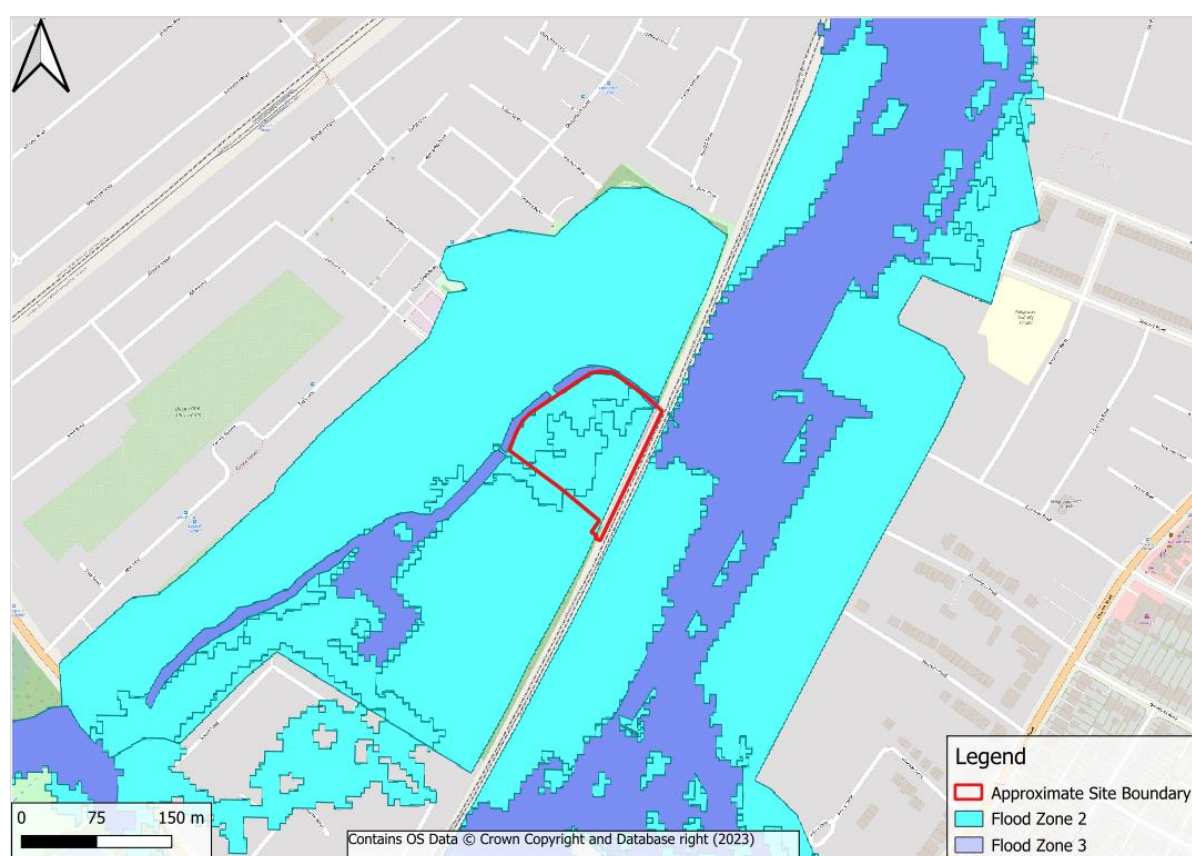


Figure 4-1 EA Fluvial Flood Zones

- 4.3 The site is elevated at least 31.0 m AOD and is not susceptible to flooding from the sea.
- 4.4 We contacted the EA to request flood data for the site, which was provided as a raw model dataset. In 2015 Halcrow completed a modelling study of the River Ravensbourne for a range of different design events. Fluvial flood level data from this modelling study has been extracted and is summarised in Table 4-1.

Table 4-1 Modelled Flood Levels

| Design Event | Maximum Modelled Flood Level (m AOD) |
|--------------|--------------------------------------|
| 1% | No Flooding |
| 0.5% | No Flooding |



| Design Event | Maximum Modelled Flood Level (m AOD) |
|-------------------|--------------------------------------|
| 1% AEP + CC (25%) | 31.39 |
| 1% AEP + CC (35%) | 31.44 |
| 0.1% AEP | 31.48 |

- 4.5 The central peak river flow climate change allowance for the Darent and Cray Management Catchment is a 10% uplift². As there is no flood level available for this event, the 1% AEP + 25% climate change event has been precautionarily adopted as the design flood level at the site. As noted in Table 4-1, this equates to a level of 31.44 m AOD.
- 4.6 Given the information outlined and the flood zone status of the site, the risk of fluvial flooding is medium to high. To protect the proposed development against fluvial flood risk and ensure that the development is safe from flooding in the future, flood mitigation measures are required. These are discussed in Chapter 5.

Risk from Surface Water Flooding

- 4.7 Surface water flooding is a result of overland flow and ponding of water that can follow a rainfall event, from local catchment areas, hillsides and associated with minor ditches or streams. The Risk of Flooding from Surface Water map is available online and is shown in Figure 4-2.
- 4.8 The EA's 'Risk of Flooding from Surface Water' map shows a surface water flow path through the site. However, the mapped risk is associated with overland flow from the Chaffinch Brook and hence fluvial flooding is the dominant risk to the site. Flood risk from surface water is therefore not considered to introduce another significant source of flooding.

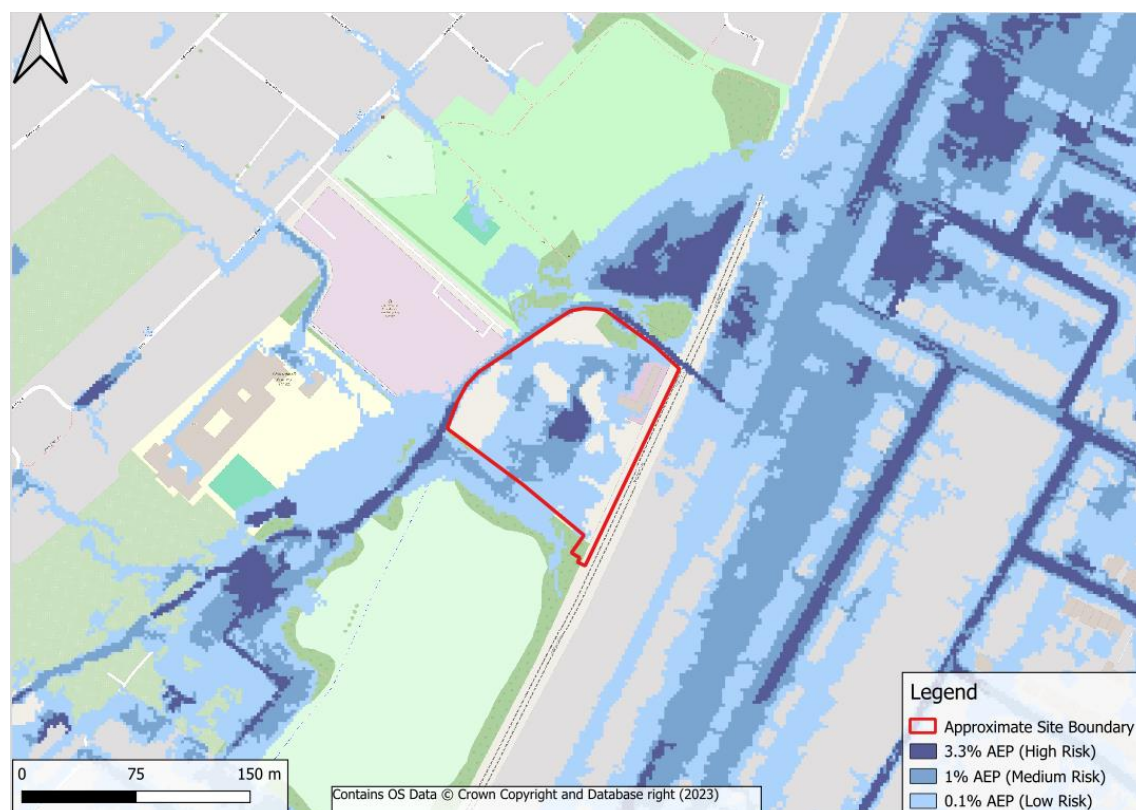


Figure 4-2 EA Surface Water Flood Mapping

² Darent and Cray Management Catchment. Climate Change Allowances. Available at: <https://environment.data.gov.uk/hydrology/climate-change-allowances/river-flow?mgmtcatid=3023> [accessed 01/02/2024]



Groundwater Flooding

- 4.9 Groundwater flooding typically occurs in low-lying areas, close to hills which are underlain by permeable rocks. This source of flooding generally only becomes a problem in these areas after long periods of extensive and significant rainfall, resulting in a rise in groundwater level.
- 4.10 The SFRA for Bromley Council (August 2017) indicates that groundwater flooding is an issue within the borough and will likely continue to be a risk in the future. As discussed in Section 2.4 the site is underlain by London Clay, a bedrock with negligible permeability, hence, the emergence of groundwater is unlikely.
- 4.11 There site does not include any basements etc and groundwater flood risk is low.

Drainage and Infrastructure Flooding

- 4.12 Drainage and infrastructure flooding occurs when sewerage systems are overwhelmed and result in flooding, which may occur alone or be combined with other flood sources (e.g. fluvial or surface water).
- 4.13 Asset records were obtained from Thames Water and are enclosed in Appendix A. There is limited public sewerage within the proximity of the site. A foul sewer is located to the north of the site which runs below the railway line and continues eastwards. Any flood waters which may propagated in the event of surcharge would be anticipated to follow the prevailing topographical conditions and flow northwards away from the site.
- 4.14 Given the above the risk of flooding from existing sewers is considered to be low.

Other Sources of Flooding

- 4.15 According to EA mapping, the site is not shown to be at flood risk from reservoirs. There are no impounded canals within the vicinity of the site that could pose a potential flood risk. Flood risk at the site from these sources is therefore negligible.



5.0 Flood Risk Management Measures

Fluvial Flood Risk

- 5.1 Most potential flood sources have been assessed to represent a low risk and as such, flood mitigation measures for these are not required. However, the site is considered to be at risk of fluvial flooding associated with a tributary of Chaffinch Brook. Therefore, flood mitigation is required to protect the site from this source of flooding.
- 5.2 The proposed use of the site (general industrial (Class B2) and storage (Class B8)), is no more vulnerable than its existing use. In extreme conditions, floodwater will enter the site, including staff facilities. Where practicable, electrical (or other vulnerable) components should be raised above the design flood level of 31.39 m AOD to minimise the impacts. Any items that could float should also be stored above this level, or in cages that will prevent items from being mobilised.
- 5.3 It is likely that access to the site will be restricted in times of flood. In the instance that there are occupants within the development, a timely warning is likely to allow safe refuge and/evacuation to be achieved.
- 5.4 The site is situated within an EA Flood Warning Area (The Chaffinch Brook and St James Stream at Elmers End, ID: 064FWF43UpprElm). The EA provides a Flood Warning Service to this area. In times of flooding, occupants should exit the site, via the vehicular access route onto Churchfield Road and seek refuge.
- 5.5 A Flood Evacuation Plan should be prepared once planning permission has been granted. This plan should be prepared based on a number of principles, as outlined below:
- Awareness should be raised to the local flood risk issues.
 - The site manager should sign up to the free EA Flood Warning Service, so appropriate steps can be undertaken in the event of a flood warning.
 - In the event of a warning, it may be necessary to evacuate to areas outside of the floodplain and gather at a muster area, via Churchfield Road.
 - A flood kit should be stored in an appropriate location.
 - Actions and procedures required post evacuation and post flooding should be identified.

Surface Water Drainage

- 5.6 The proposed change of use does not involve an increase in impermeable area. Therefore, this will not impact the existing drainage arrangements and there will be no increase in surface water runoff as a result of the proposals. Consequently, there will be no increase in the risk of flooding to the site or elsewhere from the development.
- 5.7 It is therefore considered that a new surface water drainage system is not necessary, and it is proposed to retain the existing drainage system. However, the existing surface water drainage system must be maintained appropriately to prevent blockages and replace any damaged assets, which will reduce localised flood risk following very intense or prolonged rainfall.



6.0 Conclusions

- 6.1 This Flood Risk Assessment (FRA) has been undertaken to support a change of use planning application associated with land at Churchfields Road, Beckenham.
- 6.2 This report has been prepared by SLR on behalf of Churchfield Road B3 Ltd in accordance with the guidelines set out in the National Planning Policy Framework, regional and local guidance documents.
- 6.3 This assessment concluded that fluvial flood risk poses the highest risk to the site; mitigation measures have been identified.
- 6.4 The change of use is not expected to alter the existing drainage regime and a new surface water drainage strategy is not required.





Appendix A Thames Water Asset Location Search

Asset location search



Property Searches

SLR Consulting
Brew House, Jacob Street
BRISTOL
BS2 0EQ

Search address supplied Recreation Ground
.
Elmers End
BR3 4DX

Your reference N/A

Our reference ALS/ALS Standard/2024_4932957

Search date 15 January 2024

Notification of Price Changes

From 1st April 2023 Thames water Property Searches will be increasing the prices of its CON29DW, CommercialDW Drainage & Water Enquiries and Asset Location Searches. Historically costs would rise in line with RPI but as this currently sits at 14.2%, we are capping it at 10%.

Customers will be emailed with the new prices by January 1st 2023.

Any orders received with a higher payment prior to the 1st April 2023 will be non-refundable. For further details on the price increase please visit our website at www.thameswater-propertysearches.co.uk



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



searches@thameswater.co.uk
www.thameswater-propertysearches.co.uk



0800 009 4540

Search address supplied: Recreation Ground, ., Elmers End, BR3 4DX

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 0800 009 4540, or use the address below:

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

Email: searches@thameswater.co.uk
Web: www.thameswater-propertysearches.co.uk

Waste Water Services

Please provide a copy extract from the public sewer map.

The following quartiles have been printed as they fall within Thames' sewerage area:

TQ3568NE
TQ3569SE
TQ3669SW
TQ3668NW

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.

The following quartiles have been printed as they fall within Thames' water area:

TQ3568NE
TQ3569SE

TQ3669SW
TQ3668NW

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

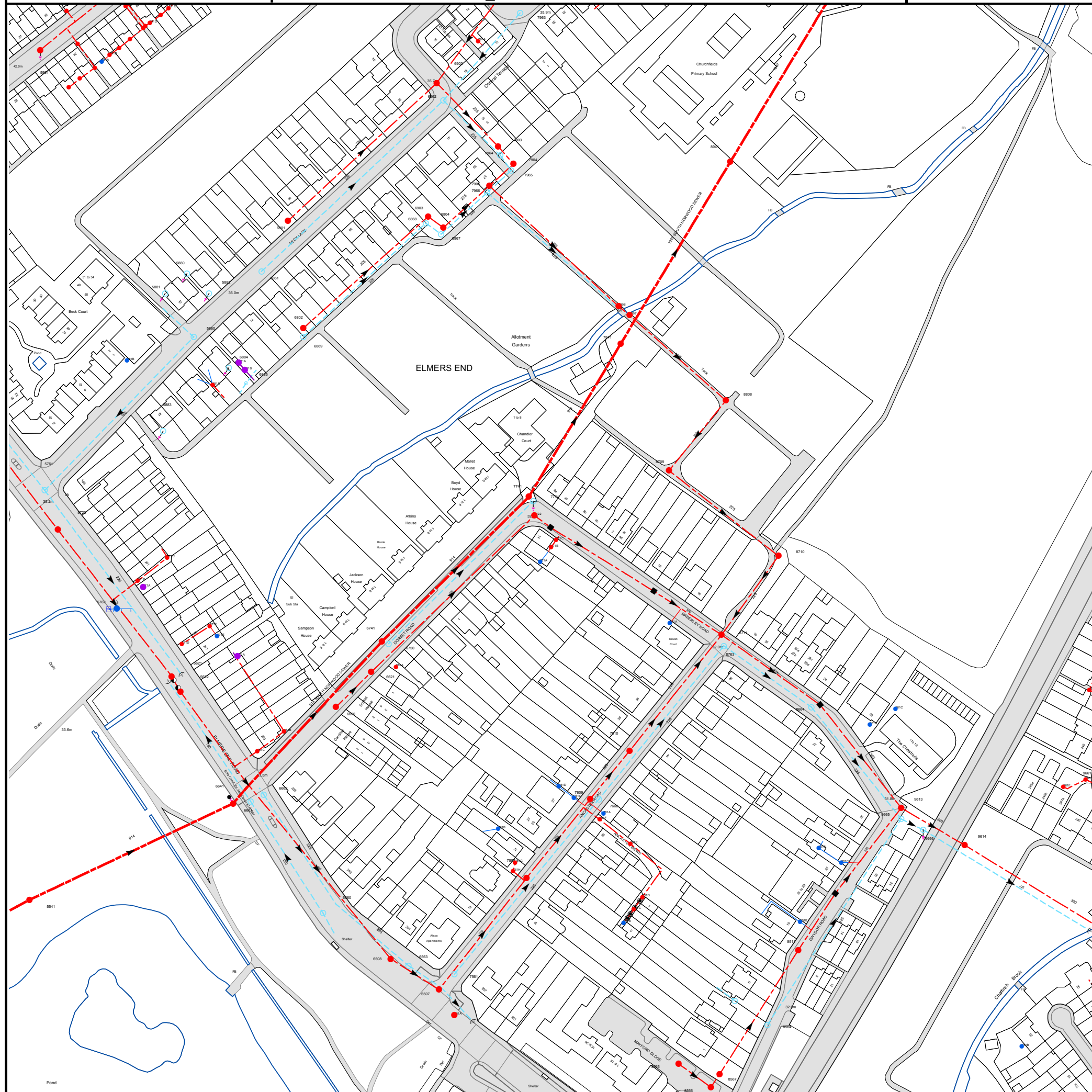
Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

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



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.

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

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 |
|-------------------|---------------------|----------------------|
| 7807 | n/a | n/a |
| 7806 | n/a | n/a |
| 7966 | n/a | n/a |
| 7905 | n/a | n/a |
| 7965 | 34.47 | 32.2 |
| 7904 | 34.48 | 31.82 |
| 8941 | 31.88 | 28.46 |
| 7964 | 34.62 | 32.22 |
| 7903 | n/a | n/a |
| 791A | n/a | n/a |
| 7963 | 35.96 | n/a |
| 6508 | n/a | n/a |
| 591C | n/a | n/a |
| 59LL | n/a | n/a |
| 59KR | n/a | n/a |
| 6962 | 35.54 | 33.84 |
| 59LM | n/a | n/a |
| 6902 | 35.67 | 33.82 |
| 59LN | n/a | n/a |
| 59LO | n/a | n/a |
| 591A | n/a | n/a |
| 591B | n/a | n/a |
| 5901 | 42.06 | 40.16 |
| 59KS | n/a | n/a |
| 59LP | n/a | n/a |
| 59KT | n/a | n/a |
| 59LK | n/a | n/a |
| 59KQ | n/a | n/a |
| 591D | n/a | n/a |
| 59KP | n/a | n/a |
| 59KM | n/a | n/a |
| 5622 | 33.52 | 32.37 |
| 671A | n/a | n/a |
| 571D | n/a | n/a |
| 571E | n/a | n/a |
| 571F | n/a | n/a |
| 6869 | n/a | n/a |
| 6802 | n/a | n/a |
| 5882 | n/a | n/a |
| 5881 | n/a | n/a |
| 5880 | n/a | n/a |
| 6861 | 35.98 | 34.53 |
| 6867 | n/a | n/a |
| 6804 | n/a | n/a |
| 6868 | n/a | n/a |
| 6801 | 35.86 | 34.36 |
| 6903 | n/a | n/a |
| 8664 | 31.65 | 30.95 |
| 861B | n/a | n/a |
| 861C | n/a | n/a |
| 861A | n/a | n/a |
| 961C | n/a | n/a |
| 9613 | 31.88 | 29.18 |
| 9665 | n/a | n/a |
| 9666 | n/a | n/a |
| 9614 | n/a | n/a |
| 961E | n/a | n/a |
| 961F | n/a | n/a |
| 9661 | n/a | n/a |
| 961D | n/a | n/a |
| 961A | n/a | n/a |
| 8763 | 31.85 | 31.1 |
| 8711 | 31.86 | 30.25 |
| 8710 | 31.19 | 29.74 |
| 8808 | n/a | n/a |
| 951A | n/a | n/a |
| 8566 | n/a | n/a |
| 8567 | n/a | n/a |
| 951B | n/a | n/a |
| 8564 | 33.23 | 32.06 |
| 85KM | n/a | n/a |
| 9502 | n/a | n/a |
| 8511 | 32.25 | 30.07 |
| 851B | n/a | n/a |
| 5761 | 35.33 | 33.03 |
| 5720 | 34.59 | 33 |
| 5762 | 33.73 | 32.63 |
| 581B | n/a | n/a |
| 571B | n/a | n/a |
| 571A | n/a | n/a |
| 5883 | n/a | n/a |
| 571C | n/a | n/a |
| 5621 | n/a | n/a |
| 5860 | 35.89 | 34.99 |
| 581A | n/a | n/a |
| 6884 | n/a | n/a |
| 681A | n/a | n/a |
| 681B | n/a | n/a |
| 6885 | n/a | n/a |
| 6620 | 33.03 | 32.03 |
| 6621 | 32.9 | 31.53 |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|--|---------------------|----------------------|
| 6741 | 32.82 | 29.82 |
| 6750 | 32.84 | 32.17 |
| 661A | n/a | n/a |
| 7741 | 32.2 | 29.28 |
| 7751 | 31.97 | 31.37 |
| 7722 | 32.03 | 30.67 |
| 771A | n/a | n/a |
| 771B | n/a | n/a |
| 771C | n/a | n/a |
| 7841 | 31.61 | 28.7 |
| 8709 | n/a | n/a |
| 871A | 32.03 | 31.15 |
| 5541 | 34 | 30.92 |
| 6641 | 33.36 | 30.28 |
| 6661 | 33.37 | 32.38 |
| 661C | n/a | n/a |
| 6662 | 33.48 | 32.31 |
| 661B | n/a | n/a |
| 6560 | 33.5 | 32.74 |
| 6563 | 33.67 | n/a |
| 6507 | 33.84 | 31.4 |
| 7561 | 33.46 | 31.94 |
| 751A | n/a | n/a |
| 761B | n/a | n/a |
| 761H | n/a | n/a |
| 761G | n/a | n/a |
| 7508 | 32.86 | 31.02 |
| 761D | n/a | n/a |
| 761C | n/a | n/a |
| 7609 | 32.56 | 30.8 |
| 7662 | 32.51 | 31.43 |
| 761F | n/a | n/a |
| 761A | n/a | n/a |
| 751B | n/a | n/a |
| 7610 | 33.37 | 31.64 |
| 761E | n/a | n/a |
| 751C | n/a | n/a |
| 751D | n/a | n/a |
| 8565 | 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. | | |

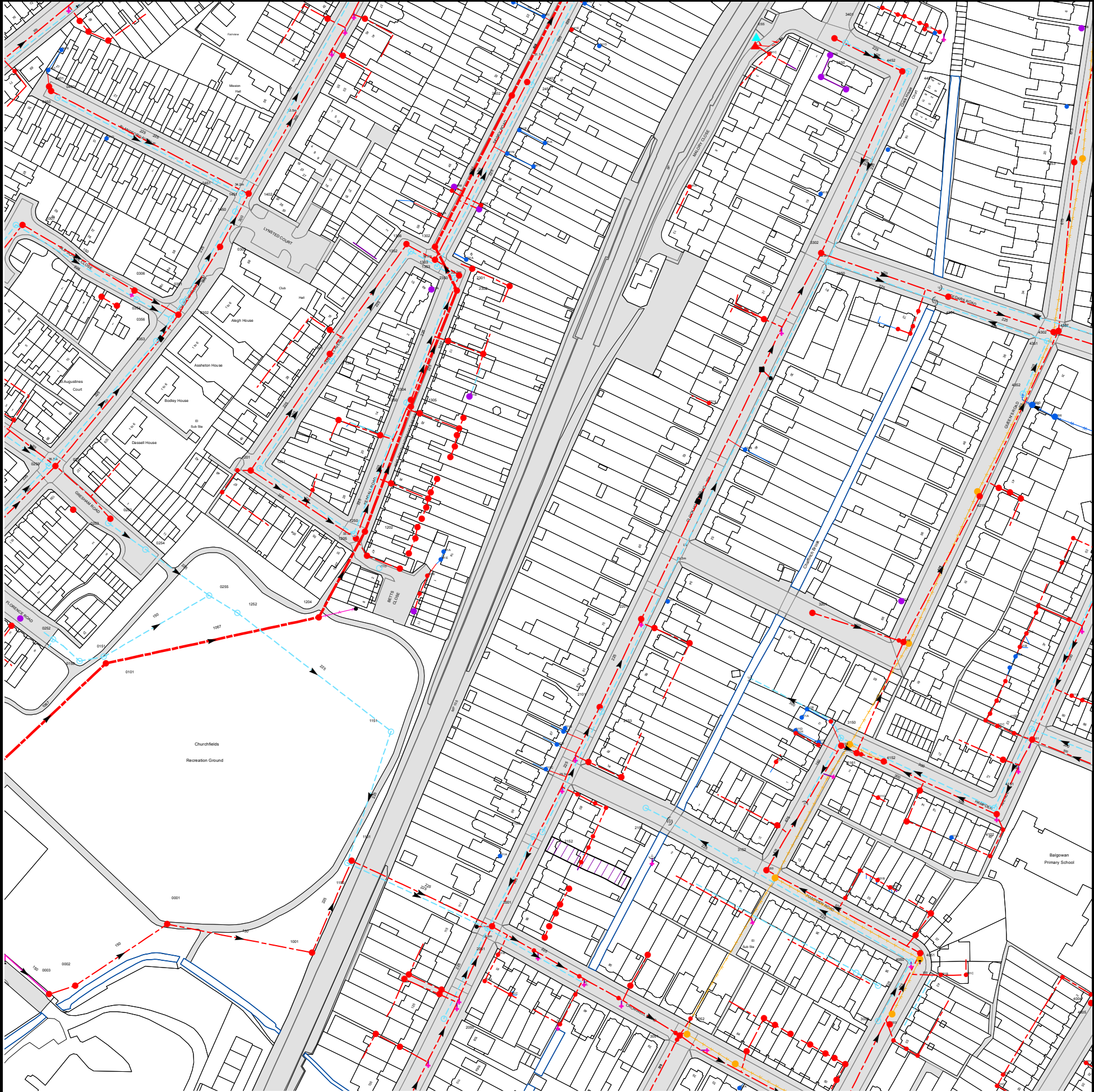
NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 90AB | n/a | n/a |
| 9041 | 34.44 | n/a |
| 9141 | 33.04 | 28.04 |
| 9142 | 32.67 | 27.9 |
| 9165 | 35.32 | n/a |
| 9164 | 35.29 | n/a |
| 9234 | 35.28 | n/a |
| 92LK | n/a | n/a |
| 92NS | n/a | n/a |
| 9202 | 35.27 | n/a |
| 92NR | n/a | n/a |
| 92NT | n/a | n/a |
| 92NQ | n/a | n/a |
| 92LL | n/a | n/a |
| 9263 | 35.26 | n/a |
| 92KT | n/a | n/a |
| 9204 | 36.02 | 33.32 |
| 92LQ | n/a | n/a |
| 92KR | n/a | n/a |
| 921E | n/a | n/a |
| 8210 | 40.51 | 37.76 |
| 81LN | n/a | n/a |
| 8255 | 40.46 | 38.34 |
| 81LO | n/a | n/a |
| 821C | n/a | n/a |
| 81LP | n/a | n/a |
| 81LQ | n/a | n/a |
| 81LR | n/a | n/a |
| 81LS | n/a | n/a |
| 81MR | n/a | n/a |
| 81KN | n/a | n/a |
| 81KO | n/a | n/a |
| 82MQ | n/a | n/a |
| 81KS | n/a | n/a |
| 81KT | n/a | n/a |
| 82MP | n/a | n/a |
| 81LK | n/a | n/a |
| 81LL | n/a | n/a |
| 82MT | n/a | n/a |
| 81LM | n/a | n/a |
| 81MO | n/a | n/a |
| 82MS | n/a | n/a |
| 821D | n/a | n/a |
| 81KM | n/a | n/a |
| 82NL | n/a | n/a |
| 92KN | n/a | n/a |
| 9104 | 35.34 | n/a |
| 72KQ | n/a | n/a |
| 72KL | n/a | n/a |
| 711B | n/a | n/a |
| 72KM | n/a | n/a |
| 72KN | n/a | n/a |
| 72KO | n/a | n/a |
| 72KP | n/a | n/a |
| 7209 | n/a | n/a |
| 72LK | n/a | n/a |
| 7270 | 41.56 | 39.36 |
| 7236 | 41.51 | 38.63 |
| 72PK | n/a | n/a |
| 7136 | 40.28 | 37.25 |
| 7171 | 40.32 | 37.97 |
| 72OS | n/a | n/a |
| 71KR | n/a | n/a |
| 72OR | n/a | n/a |
| 71KS | n/a | n/a |
| 71KT | n/a | n/a |
| 72OT | n/a | n/a |
| 72OP | n/a | n/a |
| 72OO | n/a | n/a |
| 72ON | n/a | n/a |
| 72OM | n/a | n/a |
| 72OQ | n/a | n/a |
| 81KL | n/a | n/a |
| 821F | n/a | n/a |
| 82ML | n/a | n/a |
| 701E | n/a | n/a |
| 7001 | n/a | n/a |
| 8041 | 32.9 | n/a |
| 701D | n/a | n/a |
| 701C | n/a | n/a |
| 701B | n/a | n/a |
| 811A | n/a | n/a |
| 8166 | 35.5 | n/a |
| 8105 | 35.53 | n/a |
| 81MM | n/a | n/a |
| 81ML | n/a | n/a |
| 81MK | n/a | n/a |
| 71LM | n/a | n/a |
| 71KN | n/a | n/a |
| 71LL | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 71KM | n/a | n/a |
| 81MP | n/a | n/a |
| 81LT | n/a | n/a |
| 71LK | n/a | n/a |
| 9485 | n/a | n/a |
| 9484 | 39.64 | n/a |
| 9411 | 39.69 | 37.6 |
| 94NS | n/a | n/a |
| 94NQ | n/a | n/a |
| 94OM | n/a | n/a |
| 94OL | n/a | n/a |
| 921C | n/a | n/a |
| 93KS | n/a | n/a |
| 9360 | 37.93 | 36.75 |
| 92MO | n/a | n/a |
| 931A | n/a | n/a |
| 93KR | n/a | n/a |
| 92LP | n/a | n/a |
| 93LO | n/a | n/a |
| 9310 | 37.68 | 36.13 |
| 93MO | n/a | n/a |
| 921A | n/a | n/a |
| 92NK | n/a | n/a |
| 93MP | n/a | n/a |
| 9359 | 37.45 | n/a |
| 921D | n/a | n/a |
| 92MR | n/a | n/a |
| 9262 | 35.55 | n/a |
| 921B | n/a | n/a |
| 9201 | 35.37 | n/a |
| 9268 | n/a | n/a |
| 9266 | n/a | n/a |
| 9267 | n/a | n/a |
| 94LM | n/a | n/a |
| 94MT | n/a | n/a |
| 94OO | n/a | n/a |
| 94LT | n/a | n/a |
| 94LR | n/a | n/a |
| 94NN | n/a | n/a |
| 94NM | n/a | n/a |
| 8425 | 38.17 | 34.84 |
| 83MN | n/a | n/a |
| 83MT | n/a | n/a |
| 83NN | n/a | n/a |
| 83NK | n/a | n/a |
| 84KT | n/a | n/a |
| 83MQ | n/a | n/a |
| 84LK | n/a | n/a |
| 9402 | n/a | n/a |
| 94KL | n/a | n/a |
| 94OR | n/a | n/a |
| 94KN | n/a | n/a |
| 94OQ | n/a | n/a |
| 94LO | n/a | n/a |
| 9410 | 40.68 | n/a |
| 94KO | n/a | n/a |
| 94KR | n/a | n/a |
| 93MK | n/a | n/a |
| 94KP | n/a | n/a |
| 94MO | n/a | n/a |
| 94MM | n/a | n/a |
| 94MR | n/a | n/a |
| 931B | n/a | n/a |
| 931C | n/a | n/a |
| 9363 | 38.2 | 36.53 |
| 9303 | 38.08 | 36.5 |
| 92LT | n/a | n/a |
| 821A | n/a | n/a |
| 821B | n/a | n/a |
| 92LS | n/a | n/a |
| 82NP | n/a | n/a |
| 82NR | n/a | n/a |
| 8203 | 36.98 | 35.33 |
| 8262 | 36.98 | 35.86 |
| 82NQ | n/a | n/a |
| 92MN | n/a | n/a |
| 8254 | n/a | n/a |
| 8209 | 40.75 | 38.49 |
| 82OM | n/a | n/a |
| 82OK | n/a | n/a |
| 82OL | n/a | n/a |
| 82NS | n/a | n/a |
| 821E | n/a | n/a |
| 92MS | n/a | n/a |
| 82MM | n/a | n/a |
| 83KQ | n/a | n/a |
| 9361 | 37.55 | 36.32 |
| 9302 | 37.56 | 35.86 |
| 9301 | 37.56 | n/a |
| 83LS | n/a | n/a |
| 83LT | n/a | n/a |
| 93LP | n/a | n/a |
| 83LP | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 8309 | 41.4 | 38.9 |
| 72OL | n/a | n/a |
| 82MK | n/a | n/a |
| 82LT | n/a | n/a |
| 82LS | n/a | n/a |
| 82LQ | n/a | n/a |
| 82LO | n/a | n/a |
| 82LN | n/a | n/a |
| 72NO | n/a | n/a |
| 82LM | n/a | n/a |
| 82KS | n/a | n/a |
| 72NR | n/a | n/a |
| 82KR | n/a | n/a |
| 82KM | n/a | n/a |
| 72OK | n/a | n/a |
| 73KM | n/a | n/a |
| 83KN | n/a | n/a |
| 73KP | n/a | n/a |
| 83KL | n/a | n/a |
| 8308 | 42.09 | 39.59 |
| 8353 | 42.07 | 40.24 |
| 73KS | n/a | n/a |
| 831C | n/a | n/a |
| 831B | n/a | n/a |
| 831A | n/a | n/a |
| 83LL | n/a | n/a |
| 731B | n/a | n/a |
| 83LK | n/a | n/a |
| 83LO | n/a | n/a |
| 83MM | n/a | n/a |
| 72LM | n/a | n/a |
| 72LR | n/a | n/a |
| 72MK | n/a | n/a |
| 7207 | 42.79 | 40.89 |
| 72LP | n/a | n/a |
| 72MM | n/a | n/a |
| 72MR | n/a | n/a |
| 721B | n/a | n/a |
| 72MP | n/a | n/a |
| 72NL | n/a | n/a |
| 721A | n/a | n/a |
| 72NK | n/a | n/a |
| 73LO | n/a | n/a |
| 731E | n/a | n/a |
| 73LS | n/a | n/a |
| 731C | n/a | n/a |
| 731D | n/a | n/a |
| 731A | n/a | n/a |
| 7350 | 39.57 | 37.82 |
| 7417 | 39.53 | 36.03 |
| 741E | n/a | n/a |
| 7404 | 39.29 | n/a |
| 741F | n/a | n/a |
| 741D | n/a | n/a |
| 741B | n/a | 1.05 |
| 741C | n/a | n/a |
| 741I | n/a | n/a |
| 741A | n/a | n/a |
| 74KS | n/a | n/a |
| 74LL | n/a | n/a |
| 84ED | n/a | n/a |
| 7414 | 35.71 | 33.58 |
| 7401 | 35.66 | n/a |
| 741H | n/a | n/a |
| 84KQ | n/a | n/a |
| 74LM | n/a | n/a |
| 841C | n/a | n/a |
| 741G | n/a | n/a |
| 841A | n/a | n/a |
| 841B | n/a | n/a |
| 7451 | 35.09 | 33.54 |
| 54LK | n/a | n/a |
| 54LO | n/a | n/a |
| 5406 | 34.41 | 32.46 |
| 54KT | n/a | n/a |
| 54LN | n/a | n/a |
| 54MR | n/a | n/a |
| 54MQ | n/a | n/a |
| 54MP | n/a | n/a |
| 54LM | n/a | n/a |
| 54LS | n/a | n/a |
| 54LR | n/a | n/a |
| 54ML | n/a | n/a |
| 54MM | n/a | n/a |
| 54MS | n/a | n/a |
| 5405 | 34.94 | 32.99 |
| 0001 | n/a | n/a |
| 54KN | n/a | n/a |
| 531F | n/a | n/a |
| 0002 | n/a | n/a |
| 541H | n/a | n/a |
| 541E | n/a | n/a |
| 54KL | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|--|---------------------|----------------------|
| 541D | n/a | n/a |
| 541A | n/a | n/a |
| 541F | n/a | n/a |
| 531C | n/a | n/a |
| 631D | n/a | n/a |
| 531D | n/a | n/a |
| 63MT | n/a | n/a |
| 63MS | n/a | n/a |
| 64KL | n/a | n/a |
| 64KO | n/a | n/a |
| 74KR | n/a | n/a |
| 64KR | n/a | n/a |
| 7450 | 35.73 | 34.21 |
| 7402 | 35.54 | n/a |
| 64LL | n/a | n/a |
| 7403 | 35.44 | 33.54 |
| 64LT | n/a | n/a |
| 64LM | n/a | n/a |
| 54MN | n/a | n/a |
| 64LP | n/a | n/a |
| 64ML | n/a | n/a |
| 64LQ | n/a | n/a |
| 531A | n/a | n/a |
| 531G | n/a | n/a |
| 53NM | n/a | n/a |
| 53KQ | n/a | n/a |
| 531H | n/a | n/a |
| 531I | n/a | n/a |
| 53NP | n/a | n/a |
| 53LT | n/a | n/a |
| 53MK | n/a | n/a |
| 53ML | n/a | n/a |
| 531B | n/a | n/a |
| 53LM | n/a | n/a |
| 53LQ | n/a | n/a |
| 5311 | 37.52 | n/a |
| 53NS | n/a | n/a |
| 53MP | n/a | n/a |
| 531J | n/a | n/a |
| 53MS | n/a | n/a |
| 53NK | n/a | n/a |
| 63MP | n/a | n/a |
| 631E | n/a | n/a |
| 631C | n/a | n/a |
| 631H | n/a | n/a |
| 63KT | n/a | n/a |
| 631F | n/a | n/a |
| 631G | n/a | n/a |
| 631A | n/a | n/a |
| 631B | n/a | n/a |
| 63LO | n/a | n/a |
| 631F | n/a | n/a |
| 73LK | n/a | n/a |
| 52NM | n/a | n/a |
| 52KN | n/a | n/a |
| 52KT | n/a | n/a |
| 52LK | n/a | n/a |
| 53KN | n/a | n/a |
| 52KO | n/a | n/a |
| 52LN | n/a | n/a |
| 53KM | n/a | n/a |
| 52LO | n/a | n/a |
| 52LS | n/a | n/a |
| 521B | n/a | n/a |
| 521D | n/a | n/a |
| 52MR | n/a | n/a |
| 521C | n/a | n/a |
| 52MN | n/a | n/a |
| 521A | n/a | n/a |
| 62MM | n/a | n/a |
| 62LT | n/a | n/a |
| 62MO | n/a | n/a |
| 62LS | n/a | n/a |
| 6221 | 41.03 | 37.42 |
| 63KP | n/a | n/a |
| 62KP | n/a | n/a |
| 621B | n/a | n/a |
| 61OP | n/a | n/a |
| 6106 | 43.34 | 41.57 |
| 621A | n/a | n/a |
| 61OK | n/a | n/a |
| 61PM | n/a | n/a |
| 61OL | n/a | n/a |
| 61OM | n/a | n/a |
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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 536250,169250

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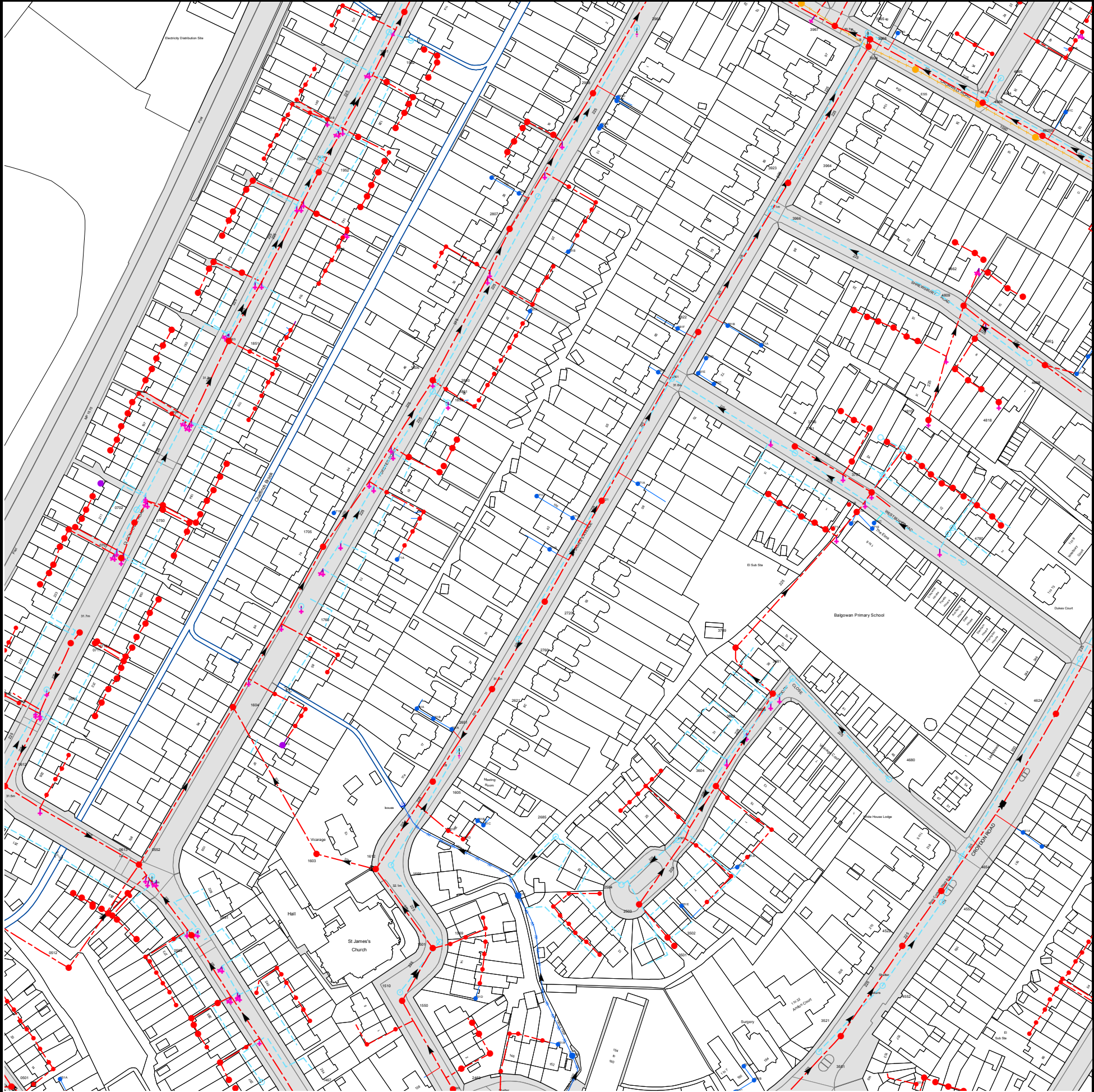
NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 4352 | 28.84 | 27.38 |
| 4351 | 28.81 | 27.36 |
| 4302 | 28.83 | 27.38 |
| 4357 | 28.79 | 25.37 |
| 4301 | 28.67 | 27.54 |
| 4453 | 28.73 | 25.25 |
| 441E | n/a | n/a |
| 4450 | 28.87 | 27.95 |
| 441C | n/a | n/a |
| 44KT | n/a | n/a |
| 441D | n/a | n/a |
| 441B | n/a | n/a |
| 44KS | n/a | n/a |
| 44KR | n/a | n/a |
| 4102 | 29.56 | 27.79 |
| 41ML | n/a | n/a |
| 411C | n/a | n/a |
| 41KT | n/a | n/a |
| 41LN | n/a | n/a |
| 41LT | n/a | n/a |
| 41KQ | n/a | n/a |
| 4150 | 29.69 | 28.29 |
| 4101 | 29.644 | 27.904 |
| 411B | n/a | n/a |
| 411E | n/a | n/a |
| 401D | n/a | n/a |
| 401E | n/a | n/a |
| 30LQ | n/a | n/a |
| 401F | n/a | n/a |
| 301B | n/a | n/a |
| 31KS | n/a | n/a |
| 41LM | n/a | n/a |
| 411D | n/a | n/a |
| 41LP | n/a | n/a |
| 4151 | 29.54 | 28.16 |
| 311G | n/a | n/a |
| 41LQ | n/a | n/a |
| 4152 | n/a | n/a |
| 3161 | 29.34 | 25.865 |
| 3158 | 29.52 | 25.92 |
| 3150 | 29.49 | 27.9 |
| 311C | n/a | n/a |
| 41KP | n/a | n/a |
| 41MM | n/a | n/a |
| 401A | n/a | n/a |
| 30MM | n/a | n/a |
| 40LQ | n/a | n/a |
| 30ML | n/a | n/a |
| 40LR | n/a | n/a |
| 40LS | n/a | n/a |
| 4003 | 30.16 | n/a |
| 3050 | 30.11 | 29.31 |
| 4005 | 30.61 | 29.16 |
| 4004 | 30.53 | 29.46 |
| 40ML | n/a | n/a |
| 30MT | n/a | n/a |
| 40MK | n/a | n/a |
| 401B | n/a | n/a |
| 401C | n/a | n/a |
| 30NK | n/a | n/a |
| 4050 | 29.89 | 29.14 |
| 4051 | 29.84 | 26.23 |
| 40LL | n/a | n/a |
| 40LK | n/a | n/a |
| 30MO | n/a | n/a |
| 30MN | n/a | n/a |
| 2201 | 29.24 | 28.15 |
| 22KN | n/a | n/a |
| 321A | n/a | n/a |
| 32KN | n/a | n/a |
| 331A | n/a | n/a |
| 321B | n/a | n/a |
| 3201 | 29.16 | 27.85 |
| 421A | n/a | n/a |
| 4216 | 28.952 | 25.667 |
| 4215 | 28.77 | 25.55 |
| 42KR | n/a | n/a |
| 42KQ | n/a | n/a |
| 41KO | n/a | n/a |
| 411A | n/a | n/a |
| 421B | n/a | n/a |
| 42KP | n/a | n/a |
| 421C | n/a | .099 |
| 431E | n/a | n/a |
| 431G | n/a | n/a |
| 42LP | n/a | n/a |
| 42LM | n/a | n/a |
| 4356 | n/a | n/a |
| 421D | n/a | n/a |
| 42LN | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 42LK | n/a | n/a |
| 42LQ | n/a | n/a |
| 30MS | n/a | n/a |
| 30LT | n/a | n/a |
| 3051 | 30.415 | 26.52 |
| 30MP | n/a | n/a |
| 30MQ | n/a | n/a |
| 3052 | n/a | n/a |
| 30MR | n/a | n/a |
| 20LT | n/a | n/a |
| 20LS | n/a | n/a |
| 3160 | 29.57 | 26.03 |
| 3152 | 29.48 | 28.64 |
| 21KR | n/a | n/a |
| 21LM | n/a | n/a |
| 31KO | n/a | n/a |
| 2151 | 29.62 | 28.52 |
| 21KS | n/a | n/a |
| 21LN | n/a | n/a |
| 21KO | n/a | n/a |
| 21KP | n/a | n/a |
| 311F | n/a | n/a |
| 311I | n/a | n/a |
| 311E | n/a | n/a |
| 311H | n/a | n/a |
| 311D | n/a | n/a |
| 311A | n/a | n/a |
| 2153 | 29.12 | 28.17 |
| 311B | n/a | n/a |
| 2101 | 29.17 | 28.29 |
| 301A | n/a | n/a |
| 20LP | n/a | n/a |
| 201C | n/a | n/a |
| 20LQ | n/a | n/a |
| 20KS | n/a | n/a |
| 20KR | n/a | n/a |
| 20KQ | n/a | n/a |
| 20KP | n/a | n/a |
| 20KO | n/a | n/a |
| 21LO | n/a | n/a |
| 2150 | 29.34 | 28.58 |
| 2152 | 29.26 | 28.46 |
| 21KT | n/a | n/a |
| 211C | n/a | n/a |
| 211D | n/a | n/a |
| 211E | n/a | n/a |
| 211B | n/a | n/a |
| 12LT | n/a | n/a |
| 12LM | n/a | n/a |
| 1350 | 33.15 | 31.75 |
| 12LL | n/a | n/a |
| 1304 | 33.11 | 31.32 |
| 1305 | 33.02 | 27.42 |
| 121A | n/a | n/a |
| 12MN | n/a | n/a |
| 12MO | n/a | n/a |
| 13LP | n/a | n/a |
| 121C | n/a | n/a |
| 12LR | n/a | n/a |
| 12MM | n/a | n/a |
| 121B | n/a | n/a |
| 12LS | n/a | n/a |
| 12ML | n/a | n/a |
| 12MP | n/a | n/a |
| 121E | n/a | n/a |
| 221A | n/a | n/a |
| 23KR | n/a | n/a |
| 22KO | n/a | n/a |
| 22KP | n/a | n/a |
| 23KN | n/a | n/a |
| 23LM | n/a | n/a |
| 23KO | n/a | n/a |
| 231B | n/a | n/a |
| 23KQ | n/a | n/a |
| 10LL | n/a | n/a |
| 10LK | n/a | n/a |
| 0001 | 30.29 | 29.24 |
| 1001 | 29.92 | 28.48 |
| 1150 | 30.06 | 28.76 |
| 1101 | 30.11 | 28.25 |
| 1151 | 30.73 | 29.88 |
| 10KQ | n/a | n/a |
| 10KT | n/a | n/a |
| 10KR | n/a | n/a |
| 20LN | n/a | n/a |
| 2050 | 29.71 | 28.62 |
| 201A | n/a | n/a |
| 2051 | 29.57 | 28.48 |
| 2001 | 29.56 | 27.93 |
| 201B | n/a | n/a |
| 211A | n/a | n/a |
| 0253 | 34.63 | 33.4 |
| 0202 | 34.57 | 32.99 |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 03LN | n/a | n/a |
| 0354 | 35.68 | 34.09 |
| 0254 | n/a | n/a |
| 0353 | 35.27 | 33.74 |
| 0356 | 35.08 | 33.55 |
| 0302 | 35.08 | 31.85 |
| 0351 | 35.12 | 33.59 |
| 0255 | 33.3 | 32.16 |
| 12KR | n/a | n/a |
| 12KS | n/a | n/a |
| 1252 | 32.89 | 31.92 |
| 1201 | 33.9 | 32.19 |
| 1251 | 33.91 | 32.62 |
| 1204 | 32.2 | 27.54 |
| 13KT | n/a | n/a |
| 1301 | 33.63 | 31.7 |
| 1351 | 33.6 | 32.08 |
| 13LL | n/a | n/a |
| 1250 | 33.41 | 32.03 |
| 1205 | 33.34 | 31.63 |
| 1202 | 33.2 | 27.45 |
| 12LN | n/a | n/a |
| 121D | n/a | n/a |
| 13LM | n/a | n/a |
| 0003 | 31.62 | 30.29 |
| 0002 | 31.16 | 30.05 |
| 0101 | 33.2 | 27.74 |
| 0150 | 33.43 | 32.83 |
| 0151 | 33.2 | 32.75 |
| 0252 | 33.9 | 33.18 |
| 02LK | n/a | n/a |
| 0210 | 0 | n/a |
| 431A | n/a | n/a |
| 431D | n/a | n/a |
| 431C | n/a | n/a |
| 33KQ | n/a | n/a |
| 431B | n/a | n/a |
| 3350 | 28.79 | 27.46 |
| 3302 | 28.88 | 27.78 |
| 341B | n/a | n/a |
| 341A | n/a | n/a |
| 441A | n/a | n/a |
| 341F | n/a | n/a |
| 341E | n/a | n/a |
| 4401 | 28.94 | 27.87 |
| 4452 | 28.91 | 27.56 |
| 341D | n/a | n/a |
| 341C | n/a | n/a |
| 241D | n/a | n/a |
| 3450 | 28.94 | 27.59 |
| 3401 | 28.98 | 27.95 |
| 44KQ | n/a | n/a |
| 44KP | n/a | n/a |
| 44KO | n/a | n/a |
| 2302 | 32.75 | 27.19 |
| 131A | n/a | n/a |
| 23LK | n/a | n/a |
| 2350 | 32.82 | 31.5 |
| 2301 | 32.73 | 31.15 |
| 23LL | n/a | n/a |
| 1353 | 32.88 | 31.42 |
| 1303 | 32.86 | 31.04 |
| 231A | n/a | n/a |
| 1302 | 32.74 | 27.15 |
| 141A | n/a | n/a |
| 241L | n/a | n/a |
| 241K | n/a | n/a |
| 241J | n/a | n/a |
| 241M | n/a | n/a |
| 241O | n/a | n/a |
| 241N | n/a | n/a |
| 241A | n/a | n/a |
| 241B | n/a | n/a |
| 2402 | 31.34 | 27.01 |
| 2451 | 31.27 | 29.92 |
| 2401 | 31.24 | 29.47 |
| 241E | n/a | n/a |
| 241I | n/a | n/a |
| 241C | n/a | n/a |
| 241H | n/a | n/a |
| 0306 | 35.76 | 33.73 |
| 1352 | 33.01 | 31.56 |
| 0303 | 34.6 | 31.54 |
| 1306 | 32.94 | 31.21 |
| 1450 | 34.33 | 33.13 |
| 1402 | 34.19 | 31.34 |
| 1451 | 34.23 | 32.99 |
| 0451 | 34.44 | 33.17 |
| 14KP | n/a | n/a |
| 14LN | n/a | n/a |
| 14KT | n/a | n/a |
| 14LP | n/a | n/a |
| 041D | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|--|---------------------|----------------------|
| 0450 | 37.1 | 35.83 |
| 0402 | 37.21 | 34.96 |
| 0401 | 37.25 | 35.41 |
| 041A | n/a | n/a |
| 041C | n/a | n/a |
| 041B | n/a | n/a |
| 04KQ | n/a | n/a |
| 04KR | n/a | n/a |
| 04KS | n/a | n/a |
| 03LK | n/a | n/a |
| 0250 | 35.66 | 34.27 |
| 0201 | 35.71 | 32.7 |
| 02KS | n/a | n/a |
| 03LM | n/a | n/a |
| 12LP | n/a | n/a |
| 0355 | 38.23 | 36.18 |
| 0307 | 38.14 | 35.8 |
| 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. | | |



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 536250,168750

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 |
|-------------------|---------------------|----------------------|
| 19LK | n/a | n/a |
| 19LL | n/a | n/a |
| 19LM | n/a | n/a |
| 19LN | n/a | n/a |
| 19LO | n/a | n/a |
| 19MQ | n/a | n/a |
| 18MR | n/a | n/a |
| 28LR | n/a | n/a |
| 28LS | n/a | n/a |
| 28LT | n/a | n/a |
| 291A | n/a | n/a |
| 29LO | n/a | n/a |
| 2807 | 30.14 | 27.93 |
| 28MM | n/a | n/a |
| 29LP | n/a | n/a |
| 291B | n/a | n/a |
| 28KS | n/a | n/a |
| 29LQ | n/a | n/a |
| 29LR | n/a | n/a |
| 281A | n/a | n/a |
| 28MN | n/a | n/a |
| 28MO | n/a | n/a |
| 2964 | 30.26 | 29.07 |
| 28MP | n/a | n/a |
| 29LS | n/a | n/a |
| 28MQ | n/a | n/a |
| 29LL | n/a | n/a |
| 08LK | n/a | n/a |
| 08LL | n/a | n/a |
| 08LM | n/a | n/a |
| 08LN | n/a | n/a |
| 18KR | n/a | n/a |
| 1851 | 31.16 | 29.64 |
| 18KS | n/a | n/a |
| 19OR | n/a | n/a |
| 18MK | n/a | n/a |
| 19OQ | n/a | n/a |
| 19OP | n/a | n/a |
| 19OO | n/a | n/a |
| 19ON | n/a | n/a |
| 19OM | n/a | n/a |
| 18LT | n/a | n/a |
| 19KQ | n/a | n/a |
| 18ML | n/a | n/a |
| 1904 | 30.36 | 28.47 |
| 1952 | 30.35 | 29.25 |
| 18MM | n/a | n/a |
| 18MN | n/a | n/a |
| 18MO | n/a | n/a |
| 18MP | n/a | n/a |
| 18MT | n/a | n/a |
| 1828 | n/a | n/a |
| 19LP | n/a | n/a |
| 19KT | n/a | n/a |
| 381E | n/a | n/a |
| 381D | n/a | n/a |
| 381C | n/a | n/a |
| 381A | n/a | n/a |
| 3781 | 31.76 | 30.23 |
| 3706 | 31.8 | 30.32 |
| 38MN | n/a | n/a |
| 37LL | n/a | n/a |
| 38MO | n/a | n/a |
| 38MP | n/a | n/a |
| 47ST | n/a | n/a |
| 47TK | n/a | n/a |
| 47MK | n/a | n/a |
| 47SS | n/a | n/a |
| 48LN | n/a | n/a |
| 47LS | n/a | n/a |
| 48LM | n/a | n/a |
| 47LR | n/a | n/a |
| 4810 | n/a | n/a |
| 47LQ | n/a | n/a |
| 48LP | n/a | n/a |
| 48LQ | n/a | n/a |
| 48LT | n/a | n/a |
| 48LR | n/a | n/a |
| 4818 | n/a | n/a |
| 4861 | 31.59 | 30.19 |
| 4808 | 31.7 | 30.1 |
| 481B | n/a | n/a |
| 481A | n/a | n/a |
| 07OK | n/a | n/a |
| 07NR | n/a | n/a |
| 17LO | n/a | n/a |
| 07NS | n/a | n/a |
| 07NT | n/a | n/a |
| 17KQ | n/a | n/a |
| 17LR | n/a | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 08KL | n/a | n/a |
| 18LK | n/a | n/a |
| 081B | n/a | n/a |
| 08KM | n/a | n/a |
| 18LL | n/a | n/a |
| 08KN | n/a | n/a |
| 18LM | n/a | n/a |
| 081A | n/a | n/a |
| 18LN | n/a | n/a |
| 08KQ | n/a | n/a |
| 18LO | n/a | n/a |
| 08KR | n/a | n/a |
| 18LP | n/a | n/a |
| 08KS | n/a | n/a |
| 18LQ | n/a | n/a |
| 181A | n/a | n/a |
| 18LR | n/a | n/a |
| 08KT | n/a | n/a |
| 1803 | 31.19 | 28.96 |
| 18LS | n/a | n/a |
| 06MM | n/a | n/a |
| 0701 | 31.81 | n/a |
| 06MN | n/a | n/a |
| 06MO | n/a | n/a |
| 06MP | n/a | n/a |
| 07LM | n/a | n/a |
| 0702 | 31.84 | 29.44 |
| 07LN | n/a | n/a |
| 0750 | 31.82 | 30.07 |
| 07LO | n/a | n/a |
| 07LP | n/a | n/a |
| 07LQ | n/a | n/a |
| 07OL | n/a | n/a |
| 07NM | n/a | n/a |
| 07NN | n/a | n/a |
| 07NO | n/a | n/a |
| 07NP | n/a | n/a |
| 07NQ | n/a | n/a |
| 1760 | 30.84 | 29.91 |
| 17KS | n/a | n/a |
| 1705 | 30.66 | 28.18 |
| 16LL | n/a | n/a |
| 171B | n/a | n/a |
| 17KR | n/a | n/a |
| 171A | n/a | n/a |
| 17LK | n/a | n/a |
| 17LL | n/a | n/a |
| 2621 | 31.86 | 29.76 |
| 2760 | 31.84 | 30.74 |
| 2720 | 31.8 | 29.85 |
| 271B | n/a | n/a |
| 17LM | n/a | n/a |
| 271D | n/a | n/a |
| 17LN | n/a | .8 |
| 2721 | 31.73 | 30.11 |
| 271C | n/a | n/a |
| 271A | n/a | n/a |
| 17LQ | n/a | n/a |
| 27MM | n/a | n/a |
| 27MN | n/a | n/a |
| 27MO | n/a | n/a |
| 18QM | n/a | n/a |
| 28LP | n/a | n/a |
| 2850 | n/a | n/a |
| 28LO | n/a | n/a |
| 1859 | n/a | n/a |
| 28LQ | n/a | n/a |
| 28LN | n/a | n/a |
| 1861 | 30.34 | 29.46 |
| 1806 | 30.14 | 28.09 |
| 3861 | 31.56 | 29.93 |
| 28LM | n/a | n/a |
| 281C | n/a | n/a |
| 28LL | n/a | n/a |
| 28LK | n/a | n/a |
| 28KT | n/a | n/a |
| 3709 | n/a | n/a |
| 3682 | 32.63 | 31.66 |
| 37LR | n/a | n/a |
| 3605 | 32.56 | 30.46 |
| 37LQ | n/a | n/a |
| 3681 | 32.58 | 31.65 |
| 37LP | n/a | n/a |
| 37LO | n/a | n/a |
| 37LN | n/a | n/a |
| 371A | n/a | n/a |
| 371B | n/a | n/a |
| 371F | n/a | n/a |
| 371D | n/a | n/a |
| 3707 | 32.02 | 29.9 |
| 371E | n/a | n/a |
| 371C | n/a | n/a |
| 4680 | 33.08 | 32.05 |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|-------------------|---------------------|----------------------|
| 47LP | n/a | n/a |
| 47SP | n/a | n/a |
| 47SN | n/a | n/a |
| 47LO | n/a | n/a |
| 47LN | n/a | n/a |
| 4780 | 32.23 | 30.61 |
| 47SM | n/a | n/a |
| 47LM | n/a | n/a |
| 47LL | n/a | n/a |
| 47LK | n/a | n/a |
| 4624 | 32.82 | 30.18 |
| 4655 | 32.69 | 31.34 |
| 16KR | n/a | n/a |
| 16KS | n/a | n/a |
| 1603 | n/a | n/a |
| 1612 | 32.13 | 28.62 |
| 1655 | 32.07 | 31.17 |
| 161A | n/a | n/a |
| 1501 | 32.48 | 28.78 |
| 1605 | 31.93 | 29.66 |
| 161B | n/a | n/a |
| 1569 | 32.43 | 31.38 |
| 261E | n/a | n/a |
| 25LL | n/a | n/a |
| 261A | n/a | n/a |
| 2651 | 31.87 | 31.11 |
| 261D | n/a | n/a |
| 25LK | n/a | n/a |
| 261B | n/a | n/a |
| 25KT | n/a | n/a |
| 261C | n/a | n/a |
| 25KQ | n/a | n/a |
| 25KS | n/a | n/a |
| 25KR | n/a | n/a |
| 251C | 32.62 | 31.04 |
| 25MP | n/a | n/a |
| 2685 | 32.62 | n/a |
| 25MO | n/a | n/a |
| 25MQ | n/a | n/a |
| 25MN | n/a | n/a |
| 25MM | n/a | n/a |
| 25ML | n/a | n/a |
| 25MR | n/a | n/a |
| 25MK | n/a | n/a |
| 26MN | n/a | n/a |
| 2584 | 32.79 | 31.39 |
| 26MO | n/a | n/a |
| 26MP | n/a | n/a |
| 2503 | 32.75 | 31.1 |
| 26MQ | n/a | n/a |
| 26KL | n/a | n/a |
| 36KQ | n/a | n/a |
| 3502 | 33.19 | 31.43 |
| 3501 | 33.18 | n/a |
| 3683 | 32.69 | n/a |
| 36LK | n/a | n/a |
| 351E | n/a | n/a |
| 36LN | n/a | n/a |
| 35MN | n/a | n/a |
| 3604 | 32.61 | 30.84 |
| 36LQ | n/a | n/a |
| 35MM | n/a | n/a |
| 361C | n/a | n/a |
| 361A | n/a | n/a |
| 36KN | n/a | n/a |
| 36KM | n/a | n/a |
| 4522 | 33.45 | 30.69 |
| 4554 | n/a | n/a |
| 4553 | 33.33 | 30.56 |
| 4654 | 33.12 | 31.87 |
| 461A | n/a | n/a |
| 461B | n/a | n/a |
| 45NL | n/a | n/a |
| 45NM | n/a | n/a |
| 45NN | n/a | n/a |
| 45NO | n/a | n/a |
| 15MK | n/a | n/a |
| 05MO | n/a | n/a |
| 05MP | n/a | n/a |
| 05MQ | n/a | n/a |
| 051B | n/a | n/a |
| 0503 | 31.84 | 30.44 |
| 0551 | 31.83 | 30.88 |
| 05MR | n/a | n/a |
| 05MT | n/a | n/a |
| 05NK | n/a | n/a |
| 0552 | 31.61 | 30.66 |
| 0613 | 31.45 | 28.6 |
| 161C | n/a | n/a |
| 16KQ | n/a | n/a |
| 1604 | 31.109 | 28.314 |
| 16KT | n/a | n/a |
| 3551 | 33.57 | n/a |

| Manhole Reference | Manhole Cover Level | Manhole Invert Level |
|--|---------------------|----------------------|
| 3521 | 33.63 | 30.78 |
| 4552 | 33.51 | n/a |
| 451A | n/a | n/a |
| 45OK | n/a | n/a |
| 45NT | n/a | n/a |
| 45NS | n/a | n/a |
| 45NR | n/a | n/a |
| 45MN | n/a | n/a |
| 45MO | n/a | n/a |
| 45MP | n/a | n/a |
| 45MQ | n/a | n/a |
| 45MR | n/a | n/a |
| 45MS | n/a | n/a |
| 45MT | n/a | n/a |
| 45NK | n/a | n/a |
| 45NP | n/a | n/a |
| 45NQ | n/a | n/a |
| 15MP | n/a | n/a |
| 15MO | n/a | n/a |
| 1550 | 32.71 | 31.56 |
| 1510 | 32.67 | 28.96 |
| 2585 | 33.078 | n/a |
| 25KM | n/a | n/a |
| 25LS | n/a | n/a |
| 251D | n/a | n/a |
| 25LR | n/a | n/a |
| 25KO | n/a | n/a |
| 25KP | n/a | n/a |
| 25LQ | n/a | n/a |
| 05MN | n/a | n/a |
| 05MM | n/a | n/a |
| 05ML | n/a | n/a |
| 05MK | n/a | n/a |
| 15ML | n/a | n/a |
| 15LQ | n/a | n/a |
| 15LS | n/a | n/a |
| 15LR | n/a | n/a |
| 15LP | n/a | n/a |
| 25LP | n/a | n/a |
| 251B | n/a | n/a |
| 251A | n/a | n/a |
| 25LM | n/a | n/a |
| 25LO | n/a | n/a |
| 25LN | n/a | n/a |
| 351C | n/a | n/a |
| 351A | n/a | n/a |
| 351B | n/a | n/a |
| 48ML | n/a | n/a |
| 48MM | n/a | n/a |
| 48MN | n/a | n/a |
| 48MP | n/a | n/a |
| 48MQ | n/a | n/a |
| 4825B | 30.98 | 27.19 |
| 491C | n/a | n/a |
| 4966 | 30.76 | 26.94 |
| 4964 | 30.84 | 29.43 |
| 4965 | 30.77 | 29.77 |
| 49NN | n/a | n/a |
| 49MR | n/a | n/a |
| 491B | n/a | n/a |
| 49MQ | n/a | n/a |
| 49NO | n/a | n/a |
| 49NM | n/a | n/a |
| 4931 | n/a | n/a |
| 49NK | n/a | n/a |
| 49MT | n/a | n/a |
| 491A | n/a | n/a |
| 49MS | n/a | n/a |
| 3964 | 30.89 | 29.26 |
| 39KM | n/a | n/a |
| 3967 | 30.622 | 26.317 |
| 38MQ | n/a | n/a |
| 38MR | n/a | n/a |
| 3965 | 30.8 | 29.02 |
| 3924 | 30.79 | 28.17 |
| 3968 | 30.77 | 26.77 |
| 38MS | n/a | n/a |
| 48LO | n/a | n/a |
| 491D | n/a | n/a |
| 4862 | 31.32 | 29.9 |
| 48MR | n/a | n/a |
| 49MP | n/a | n/a |
| 4809 | 31.41 | 29.13 |
| 3822 | 31.43 | 29.58 |
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Asset Location Search - Sewer Key

Public Sewer Types (Operated and maintained by Thames Water)

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

Other Sewer Types (Not operated and maintained by Thames Water)

| | | | |
|--|--|--|--|
| | Sewer | | Culverted Watercourse |
| | Proposed | | Decommissioned Sewer |
| | Content of this drainage network is currently unknown | | Ownership of this drainage network is currently unknown |

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.
- 4) Most private pipes are not shown on our plans, as in the past, this information has not been recorded.

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 | | Meter |
| | Dam Chase | | Vent |
| | Fitting | | |

Operational Controls

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

| | | | |
|--|----------------------|--|------------------|
| | Ancillary | | Drop Pipe |
| | Control Valve | | 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.

| | | | |
|--|----------------------|--|----------------|
| | Inlet | | Outfall |
| | Undefined End | | |

Other Symbols

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

| | | | |
|--|---|--|---|
| | Change of Characteristic Indicator | | Public / Private Pumping Station |
| | Invert Level | | Summit |

Areas

Lines denoting areas of underground surveys, etc.

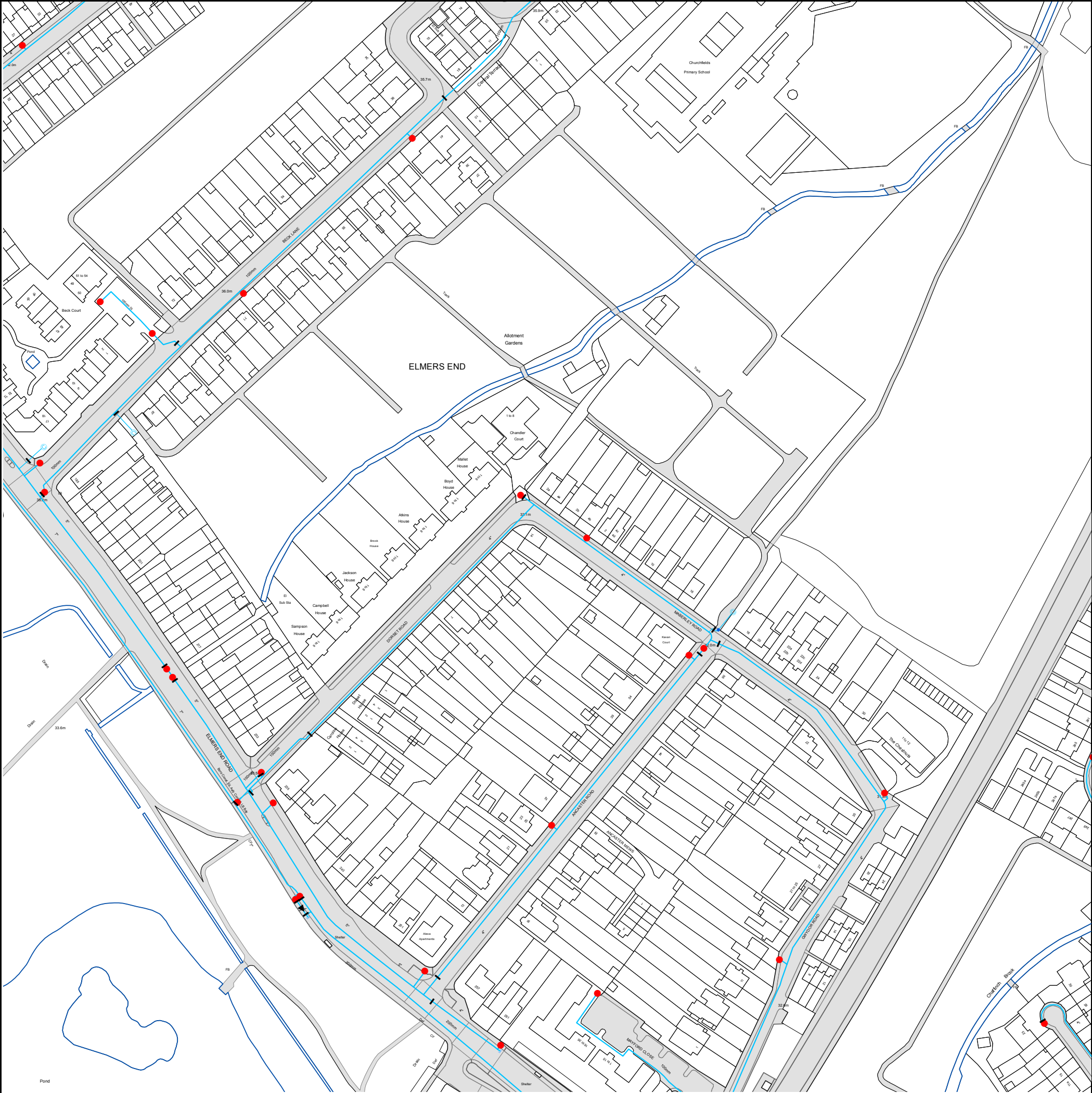
| | |
|--|-------------------------|
| | Agreement |
| | Chamber |
| | Operational Site |

Ducts or Crossings

| | | |
|--|-----------------------|--|
| | Casement | Ducts may contain high voltage cables. Please check with Thames Water. |
| | Conduit Bridge | |
| | Subway | |
| | Tunnel | |

5) 'na' or '0' on a manhole indicates that data is unavailable.

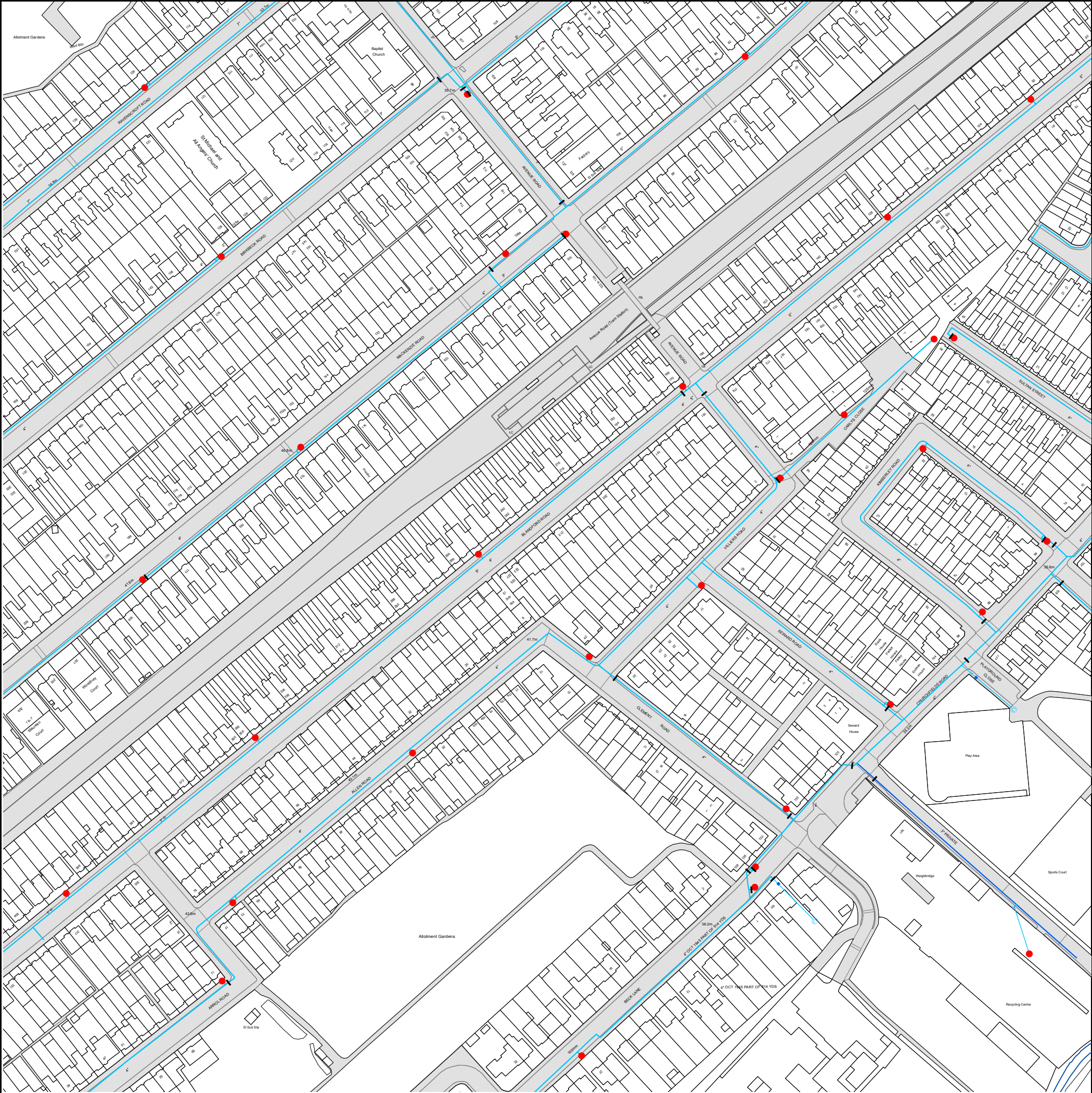
6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimeters. Text next to a manhole indicates the manhole reference number and should not be taken as a measurement. If you are unsure about any text or symbology, please contact Property Searches on 0800 009 4540.



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 535750,168750

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.

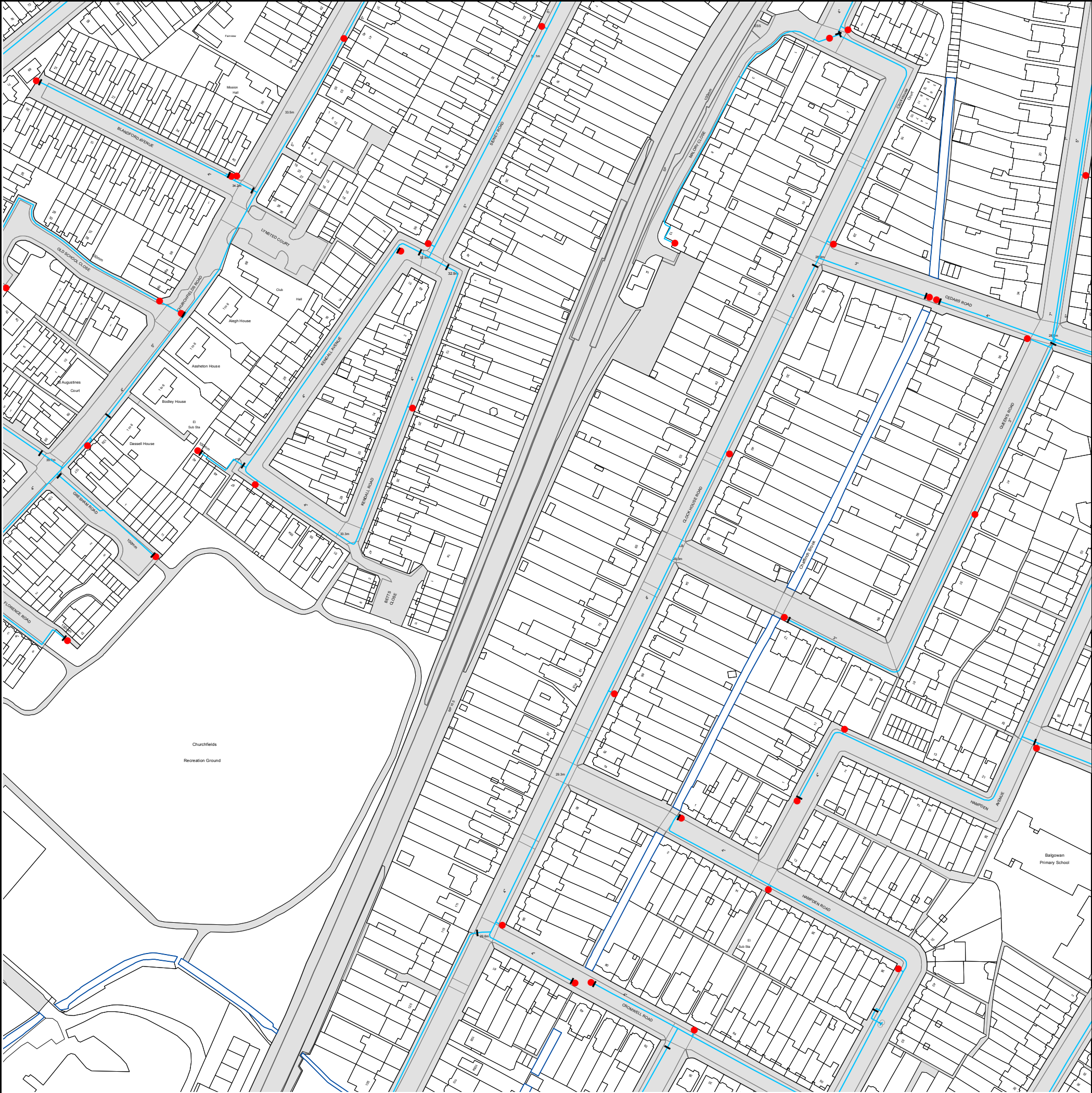
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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 535750,169250

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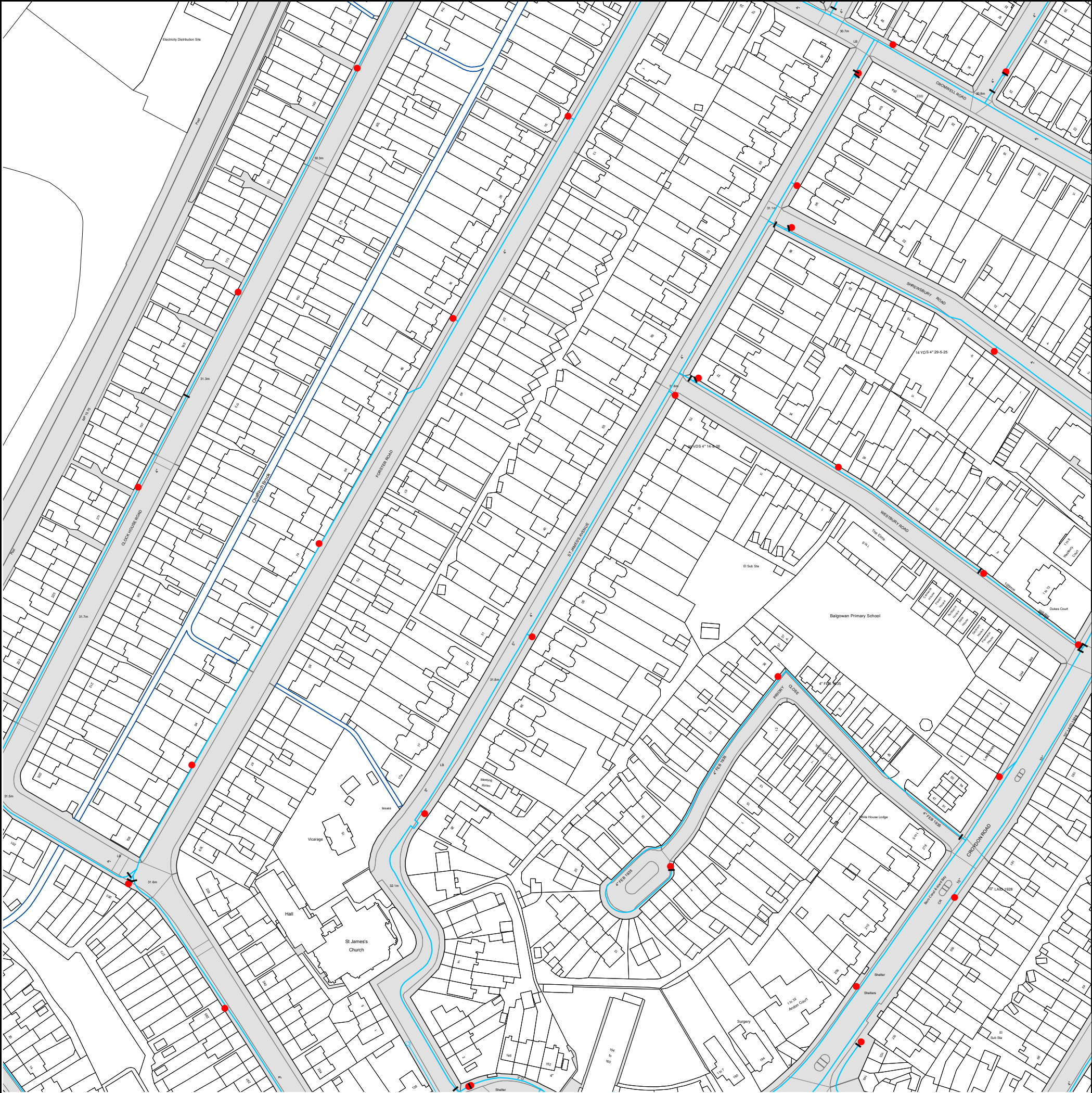
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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 536250,169250

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Asset Location Search - Water 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
- Casement:** Ducts may contain high voltage cables. Please check with Thames Water.

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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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 within 14 days of the 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.
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Ways to pay your bill

| Credit Card | BACS Payment | Telephone Banking |
|--|---|---|
| Please Call 0800 009 4540 quoting your invoice number starting CBA or ADS | 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 |

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Making Sustainability Happen