

# 75-81 George Street, Richmond



## *Utilities Statement*

DSA Engineering

7/11/2019

**75 – 81 GEORGE STREET  
RICHMOND  
TW9 1HA**

**UTILITIES STATEMENT**

**Presented to:**

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23<sup>rd</sup> April 2019  
11<sup>th</sup> July 2019

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First Issue  
Second Issue

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00  
01

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## 1.0 INTRODUCTION

This Utilities Statement has been prepared by DSA Engineering on behalf of Canadian & Arcadia Ltd. ("the Applicant") to accompany the planning application for the new build fourth floor extension and for the redevelopment of the existing floor levels at 75-81 George Street, Richmond TW9 1HA. The application that has been submitted to London Borough of Richmond upon Thames Council.

The Utilities Stat Searches contained herein describes the numerous below ground services in and around the vicinity of the site to inform the development plans for 75 – 81 George Street, Richmond, TW9 1HE.

The attached document is a result of a number of desktop based searches of existing maps and record from diverse service providers. This report should be read as a first instance study of the services and needs to be verified through the use of suitable detecting devices on site prior to any digging works takes place.

The following services have been located within and around the vicinity of the site, and therefore included in this report:

- UK Power Networks
- Thames Water (Water & Drainage)
- Cadent Gas Network
- GTC
- Energetics
- Openreach
- Virgin Media
- Vodafone – [Nothing within our area]
- Celeste Imthurn – [Enquires into a number of companies has confirmed no impact on construction services to our building. Please replay emails in document]
- Interoute
- SKY Telecommunications – [Nothing within our area]
- euNetworks –[Nothing within our area]
- Instalcom – [Nothing within our area]
- Verizon – [Nothing within our area]
- City Fibre
- euNetworks Fiber UK
- SSE Telecoms
- Transport for London/LU

- Thames Tunnel
- Crossrail/Network Rail

## 2.0 ELECTRICITY

Currently a substation with a total capacity of 1000 kVA is located on site at basement level to feed the existing building and adjacent consumers in the neighbourhood. Refer to **Appendix A** for UKPN site map

Estimated electricity demand is expected to increase as a result of change of use and extension of the building. Discussions with UKPN have been made which confirmed that 750kVA capacity of the existing substation is available for the proposed development.

## 3.0 GAS SERVICES

The survey map indicates a 180mm diameter PE pipes running along King St and Paved Court, with 125mm PE along George St. Golden Court has a 63mm PE pipe running about 50% of the way from a branch connection emulating from the Paved Court main. No connections are shown into 75-81 George St, although we know from our site visit that a connection does exist off the King St main into our basement to supply the existing boilers and any cooking demand that the store required. Please see **Appendix A** for relevant information.

## 4.0 WATER SERVICES

The water services map indicated a large 16" trunk water main running along George St as well as a similar size main along Paved Court. It does not appear that any connections are made from these main to service our building. There is however two distribution main running along King St of which one is a 4"(100mm) water main and a 3"(80mm) dedicated fire main which is clearly shown entering our building. No dedicated water main connection is shown entering our building, but this will be confirmed by further survey. It could be that the water services supply is branched off the fire main once it enters our building. Please see **Appendix A** for relevant information.

## 5.0 DRAINAGE SERVICES

The building is surrounded on all four sides by a trunk foul sewer and a separate trunk surface water sewer. It is unclear as to what is the size and depth of these sewers and will therefore require investigation with Thames Water. No connections from either sewer is indicated on the drawings for 75-81 George St, but we know that this is incorrect as based on our initial site inspection there are connections to these sewers. The existing toilet connection to the building are located on Golden Court, so there is definitely a foul sewer connection in this location.

There might also be another connection on the King St sewer, but will have to be confirmed by future site inspection. Please see **Appendix A** for relevant information.

## 6.0 TELECOMMUNICATION

All four streets around the development is served by BT Openreach with a number of live box locations around the building. Directly opposite the building on the corner of George St and King St, there are two cabinets from which new connections can be brought into the building if required.

The Virgin network is not as extensive as the BT Openreach network in that the trenches run in Paved Court and Golden Court with nothing down King St. There is however a main trench system on George St starting from the east corner of the building and another trench on the opposite side of George St. Please see **Appendix A** for relevant information.

## 7.0 APPENDIX A - UTILITIES AREA STATISTICS

# Acronyms Key

Apparatus			
Electric			
DNO	Distribution Network Operator	kVA	Kilo Volt Amperes
IDNO	Independent Distribution Network Operator	MVA	Mega Volt Amperes
ICP	Independent Connections Provider	AC	Alternating Current
LV	Low Voltage	S/S	Substation
HV	High Voltage	PMT	Pole Mounted Transformer
EHV	Extra High Voltage		
Water			
SLO	Self Lay Organisation	WRAS	Water Regulation Advisory Scheme
Incumbent	Local Water or Water & Sewerage Company		
Gas			
GDN	Gas Distribution Network	LP	Low Pressure
IGT	Independent Gas Transporter	MP	Medium Pressure
UIP	Utility Infrastructure Provider	IP	Intermediate Pressure
PRS	Pressure Reducing Station (Governor)	HP	High Pressure
Others			
PES	Premier Energy Services	CATV	Cable Television
PE	Polyethylene	FTTP	Fibre to the premise
DI	Ductile Iron	FTTC	Fibre to the cabinet
ST	Steel	l/min	Litres per minute
CI	Cast Iron	H&S	Health & Safety
SI	Spun Iron	HBF	House Builders Federation
HPPE	High Performance Polyethylene	TPO	Tree Preservation Order
MDPE	Medium Density Polyethylene	TBC	To be confirmed
GRP	Glass Reinforced Plastic	N/A	Not Applicable



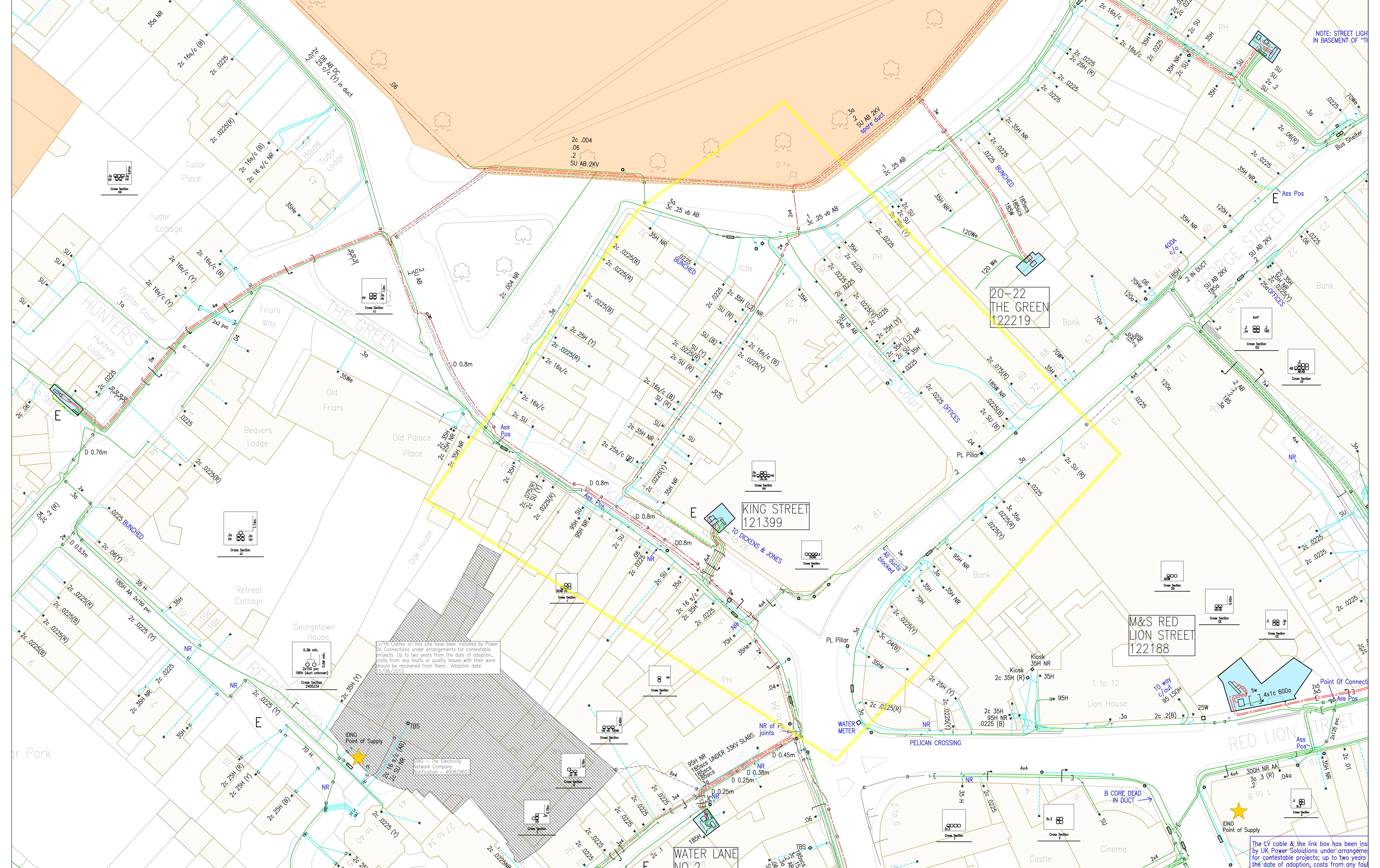


**Request Ref:** 505167

75-81 George Street, Petersham, London Borough of Richmond, TW9 1HE  
**Eastings** 517762, **Northings** 174832

Imagery sourced from Open Street Maps





LV/HV Cables on this site have been installed by Power On Connections under arrangements for contestable projects. Up to two years from the date of adoption, costs from any faults or quality issues with their work should be recovered from them. Adoption date: 15/06/2019




IDNO - The Electricity Network Company  
IDNO - 40082960

The LV cable & the link box has been installed by UK Power Solutions under arrangements for contestable projects; up to two years from the date of adoption, costs from any fault...














<p>LV Cable or Line</p> <p>HV Cable or Line</p> <p>EHV Cable or Line</p> <p>Ducting</p> <p>Pole &amp; Street Furniture</p> <p>Substation &amp; Link Box</p>	<ol style="list-style-type: none"> <li>The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the apparatus was installed.</li> <li>Exact position of the apparatus should be verified - use approved cable avoidance tools prior to excavation using suitable rods.</li> <li>It is essential that vital holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all cables has been determined.</li> <li>It must be assumed that each property and item of street furniture has an electricity supply. Service cables shown only where known.</li> <li>All cables must be treated as being live unless proved otherwise by UK Power Networks.</li> <li>The information provided must be given to all people working near UK Power Networks plant &amp; equipment. Do not use plans more than 3 months after the issue date for excavation purposes.</li> <li>Please be aware that electric cables/lines belonging to other owners of licensed electricity distribution systems may be present and it is your responsibility to identify their location.</li> </ol>	<p>1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.</p> <p>2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.</p> <p>3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise for any loss, damage, cost, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of goods, loss of business, loss of use) or any special or consequential loss or damage whatsoever.</p> <p>4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and you must return it to the sender of the letter.</p> <p>5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.</p>	<p>The quality and accuracy of any print will depend on your printer, your computer and its print settings. Measurements scaled from this plan may not match measurements between the same points on the ground.</p> <p>VISITING AN OPEN POINT? Please mark on this plan all locations visited and open points as found, then return updated map to your Business Unit - Thank You.</p> <p>Contact UK Power Networks on 0800 056 5866 for details of EHV Cable routes before commencing work.</p> <p>Maps produced at 1:2500 scale are 10' (3m) - Squares which show LV main cables and overhead lines (in some cases at voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.</p>	<p><b>Plan Provision</b></p> <p>CHECK IT OUT BEFORE YOU DO IT OUT</p> <p>CALL 0800 056 5866</p> <p>EMERGENCY - if you damage a cable</p> <p>Phone 0800 056 5866 (24hrs)</p> <p>URGENT</p>	<p>Grid Ref: TQ 17731 74826</p> <p>Map Centre: TQ1774NE</p> <p>Scale: 1:250</p> <p>(When Plotted at A3)</p> <p>Plotted on: 28/02/2019</p> <p>Plotted by: 'anonymous'</p>	
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










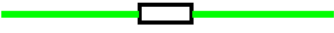
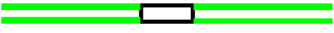







### Primary distribution line route (1:500 view)

NetMAP system	Description
	275–400kV National Grid route
	132kV cable route
	33kV cable route
Approximate routes only – see separate record	


### Secondary distribution cables (1:500 view)

NetMAP system	Description
	11kV underground cable
	11kV overhead line
	6.6kV underground cable
	6.6kV overhead line
	<6.6kV underground cable
	<6.6kV overhead line
	LV underground cable
	LV overhead line
 Pilot	Pilot cable
 2c SU pl	LV street lighting (pl)
	Service overhead line
	Service underground
	Logical service connection






Poles (1:500 view)	
NetMAP system	Description
(S) 999999 	Section pole Pole number (unique)
	Single leg
	H pole
	3 member
	4 member
	Strut
	Pole support (stay)
	Flying stay
	Tower 33kV to 400kV

EHV, HV and LV sites (1:500 view)	
NetMAP system	Description
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)	
	Ground mounted primary substation showing name, transformer voltage and SPENS number
	Pole mounted substation showing name and SPENS number
	Ground mounted substation showing name and SPENS number
	2 way link box
	4 way link box
	Link box without busbar
	(options similar to 1:2500 view) LV distribution pillar
	Voltage regulator
	Voltage balancer
	Open point
	Open point - out of phase
	Overhead open point
Note: For LV linking, use the 1:2500 view	



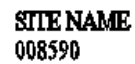
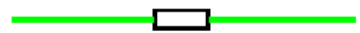

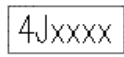
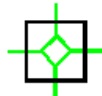


### Primary distribution line route (1:2500 view)

NetMAP system	Description
	<p>275–400kV National Grid route</p> <p>132kV cable route</p> <p>33kV cable route</p>

### Secondary distribution cables (1:2500 view)







NetMAP system	Description
	<p>11kV overhead line</p>
	<p>6.6kV overhead line</p>
	<p>&lt;6.6kV overhead line</p>
	<p>LV underground cable</p>
	<p>LV overhead line</p>

### Primary and secondary sites (1:2500 view)

NetMAP system	Description
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)	
	Ground mounted substation showing capacity, phase, name and SPENS number
	Pole mounted substation showing capacity, phase, name and SPENS number
	Primary substation showing name and SPENS number (no site shown)
	2 way link box
	4 way link box
	Link box identifier
	4 way link box without busbar
	6 way link box without busbar
	8 way link box without busbar







section continued on next page

### Primary and secondary sites continued (1:2500 view)











NetMAP system	Description
	LV distribution pillar
	Voltage regulator
	Voltage balancer
	Open point
	Open point - out of phase
	Earth pin



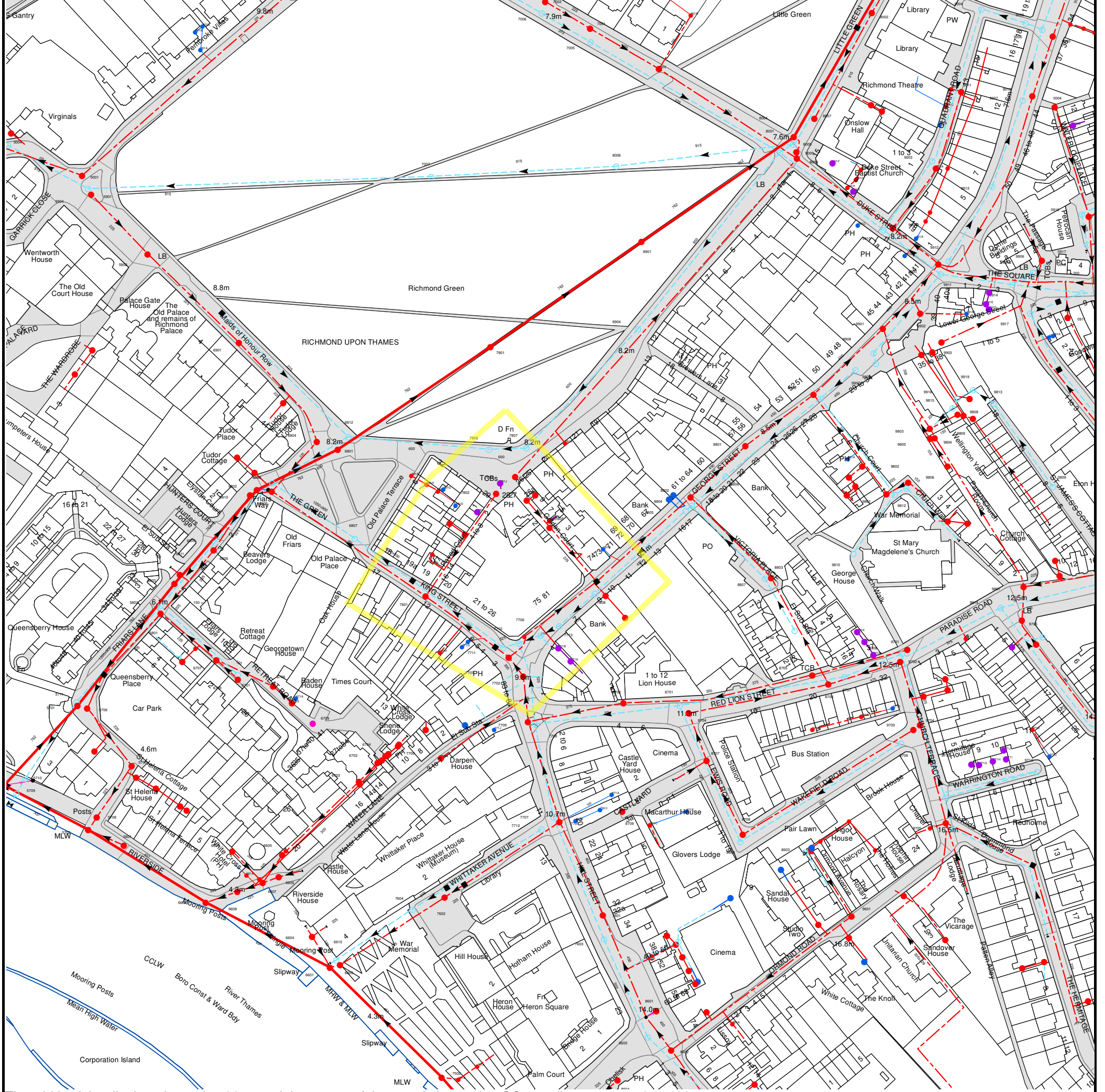
### Secondary distribution cables (1:10000 view)

NetMAP system	Description
	11kV underground cable
	6.6kV underground cable
	<6.6kV underground cable
	11kV overhead line
	6.6kV overhead line
	<6.6kV overhead line

### Primary and secondary sites (1:10000 view)

NetMAP system	Description		
Note: EHV and HV sites are identified by a unique 6 digit number (SPENS)			
<table border="1"> <tr> <td>SITE NAME 008590</td> <td></td> </tr> </table>	SITE NAME 008590		Primary substation showing name and SPENS number
SITE NAME 008590			
SITE NAME 521234		11kV ground mounted substation showing name and SPENS number	
SITE NAME 524514		6.6kV ground mounted substation showing name and SPENS number	
SITE NAME 523634		<6.6kV ground mounted substation showing name and SPENS number	
SITE NAME pmt 527522		11kV pole mounted substation showing name and SPENS number	
SITE NAME pmt 525743		6.6kV pole mounted substation showing name and SPENS number	
SITE NAME pmt 526543		<6.6kV pole mounted substation showing name and SPENS number	
SITE NAME 527238		Pole mounted switching substation showing name and SPENS number	

Asset Location Search Sewer Map - ALS/ALS Standard/2019 3961199





















The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 517774,174835  
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 with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.








# 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)

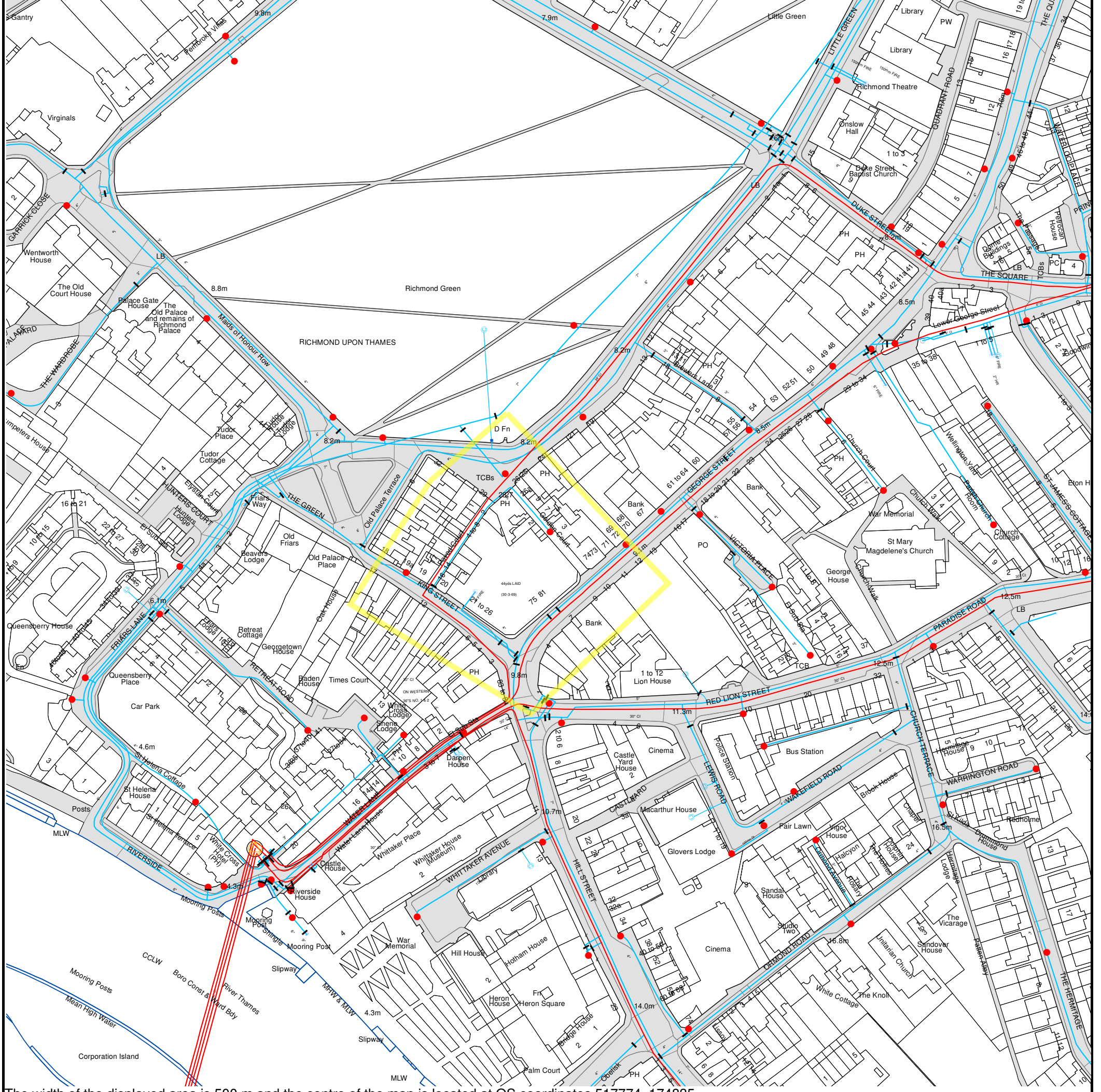
-  Foul Sewer
-  Surface Water Sewer
-  Combined Sewer
-  Gully
-  Culverted Watercourse
-  Proposed
-  Abandoned Sewer

### 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.



Asset Location Search Water Map - ALS/ALS Standard/2019 3961199










The width of the displayed area is 500 m and the centre of the map is located at OS coordinates 517774, 174835.  
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

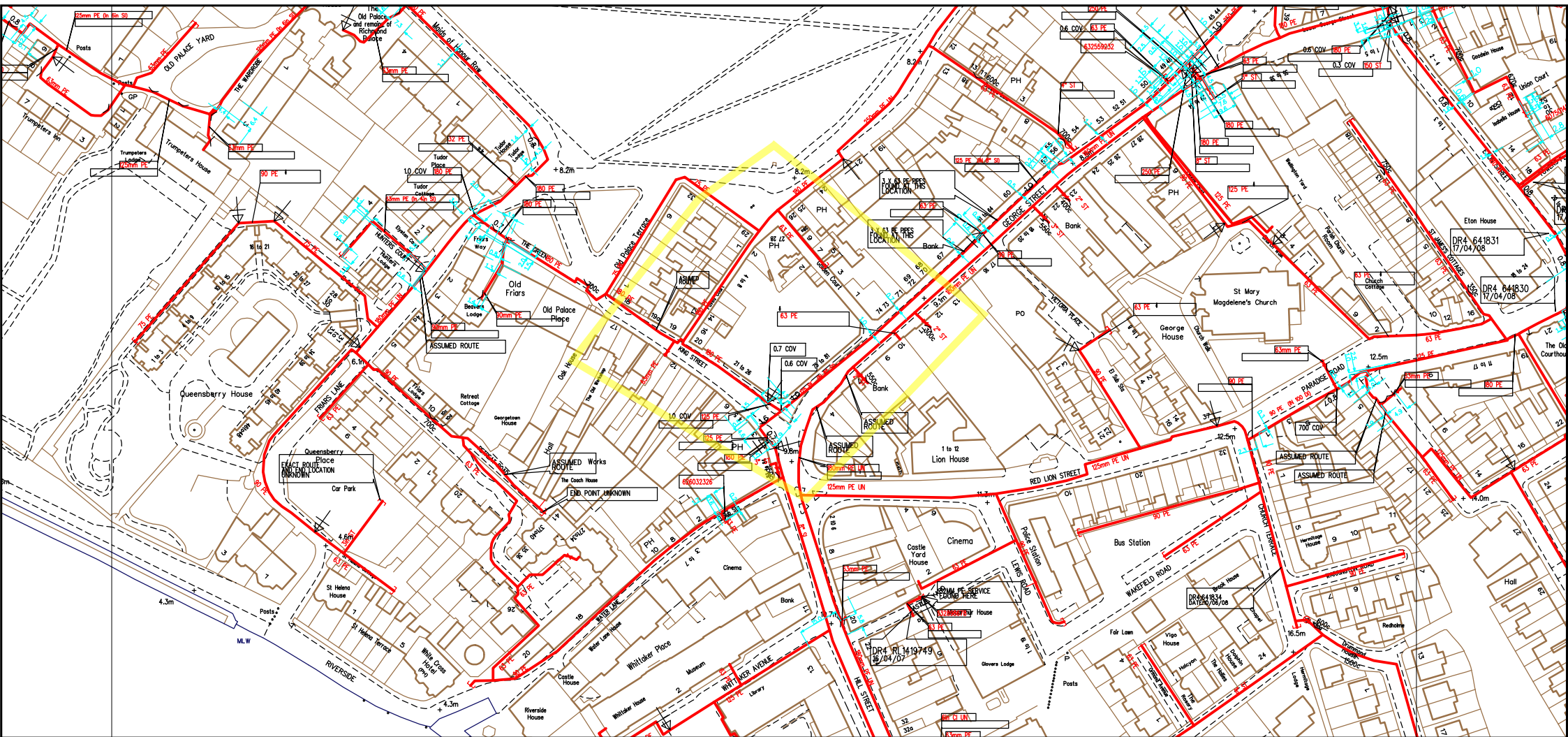
## Other Symbols

-  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.





SCALE: Not to scale  
 USER ID: Celeste.lmthum  
 DATE: 28/02/2019  
 EXTRACT DATE: 10/12/2018  
 MAP REF: TQ1774  
 CENTRE: 517758, 174803

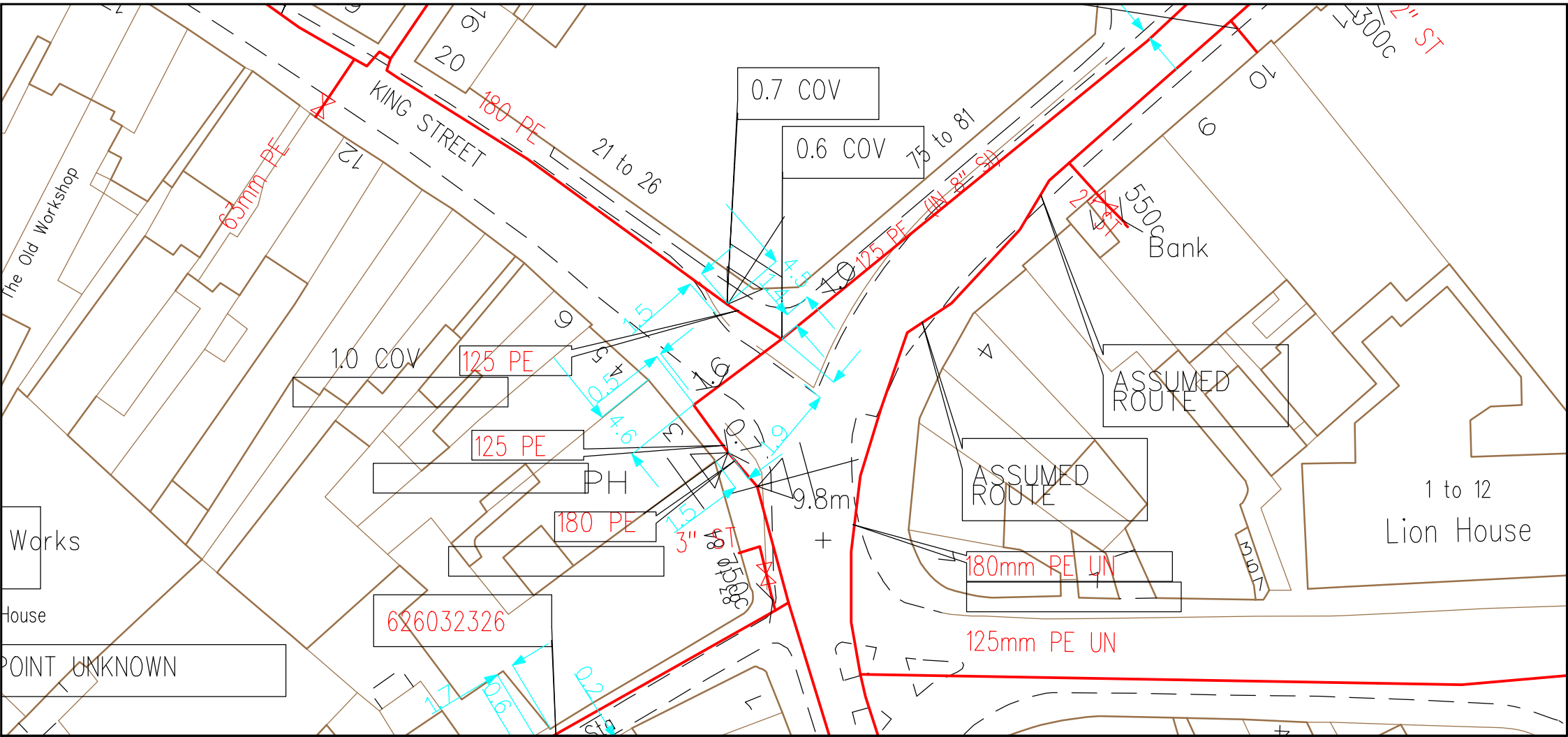
LP MAINS	
MP MAINS	
IP MAINS	
LHP MAINS	

This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

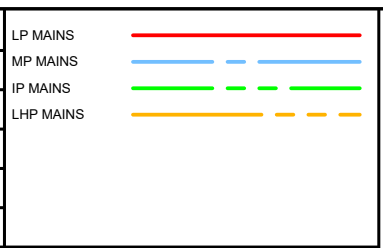
MAPS Viewer Version 5.8.0.1  
 Local Machine  
 This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.

Some examples of Plant Items:

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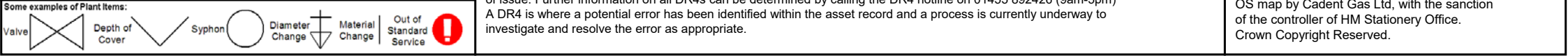


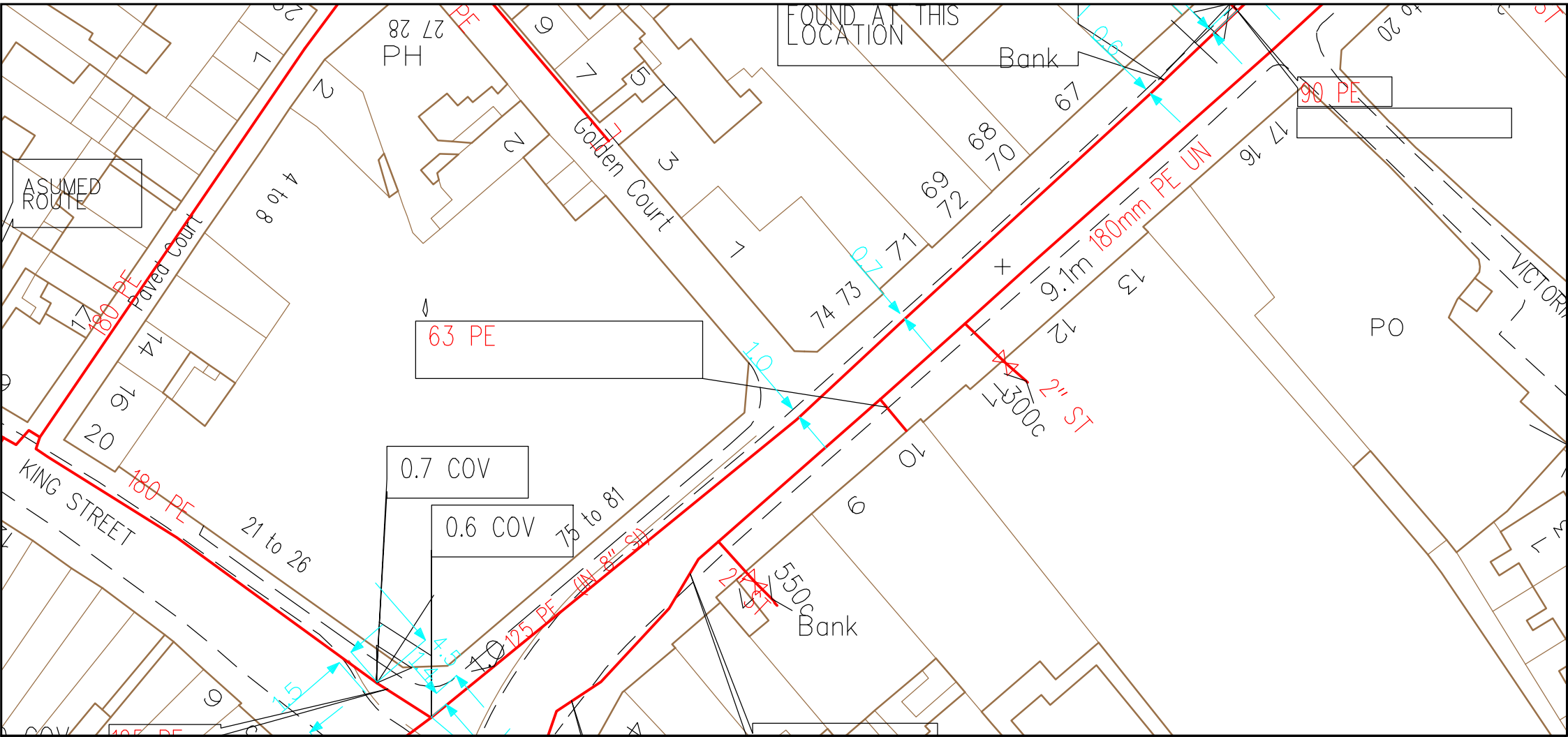
SCALE: Not to scale  
 USER ID: Celeste.lmthurn  
 DATE: 28/02/2019  
 EXTRACT DATE: 10/12/2018  
 MAP REF: TQ1774  
 CENTRE: 517757, 174785



This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

MAPS Viewer Version 5.8.0.1  
  
 Local Machine  
  
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SCALE: Not to scale  
 USER ID: Celeste.lmthurn  
 DATE: 28/02/2019  
 EXTRACT DATE: 10/12/2018  
 MAP REF: TQ1774  
 CENTRE: 517790, 174821

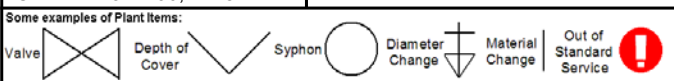
- LP MAINS ———
- MP MAINS - - - - -
- IP MAINS - - - - -
- LHP MAINS - - - - -

This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.

MAPS Viewer Version 5.8.0.1

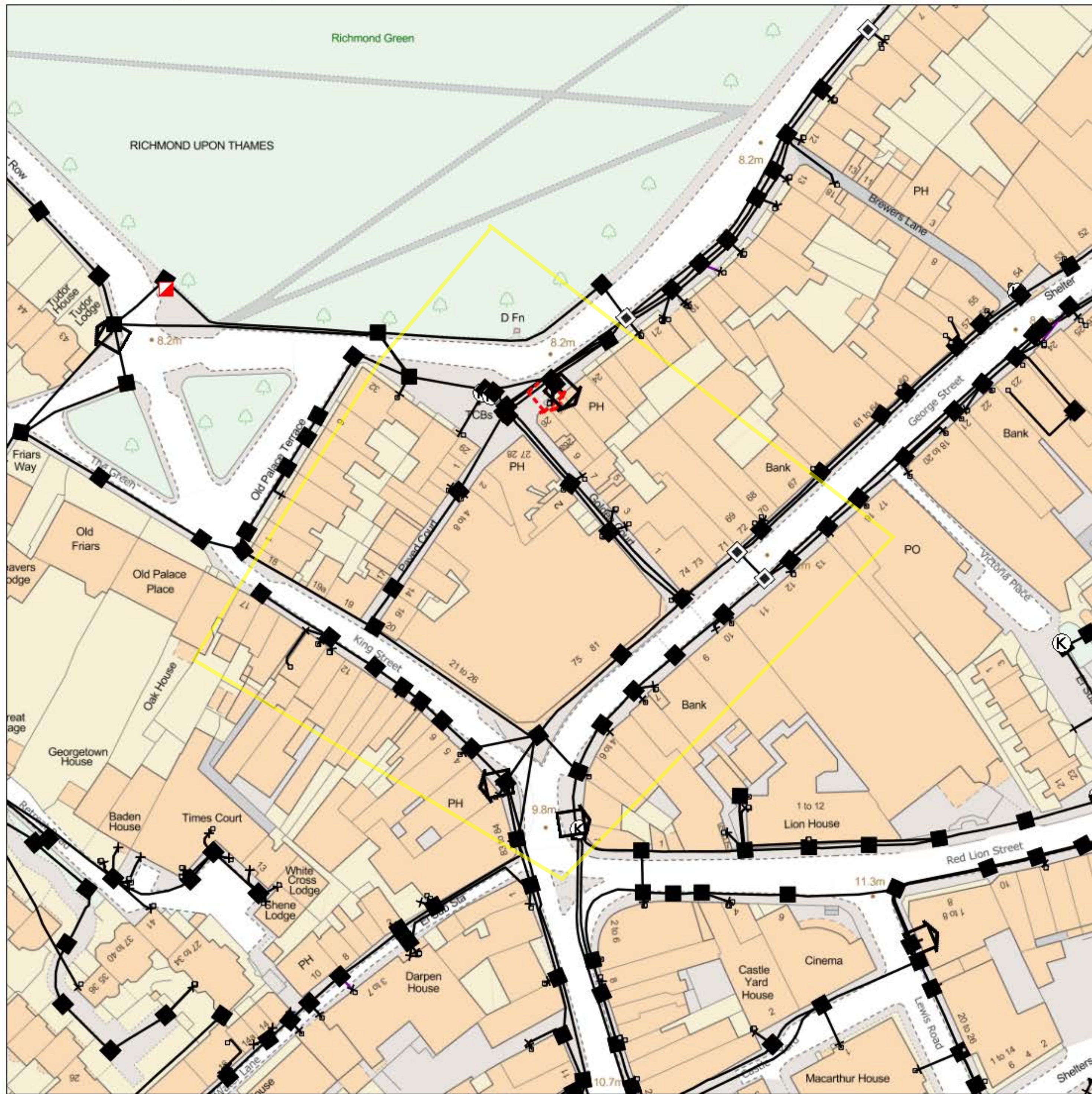
Local Machine

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# Maps by email Plant Information Reply



## IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy.

It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



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ADVANCE NOTICE REQUIRED  
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[www.openreach.co.uk/cbyd](http://www.openreach.co.uk/cbyd)

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### KEY TO BT SYMBOLS

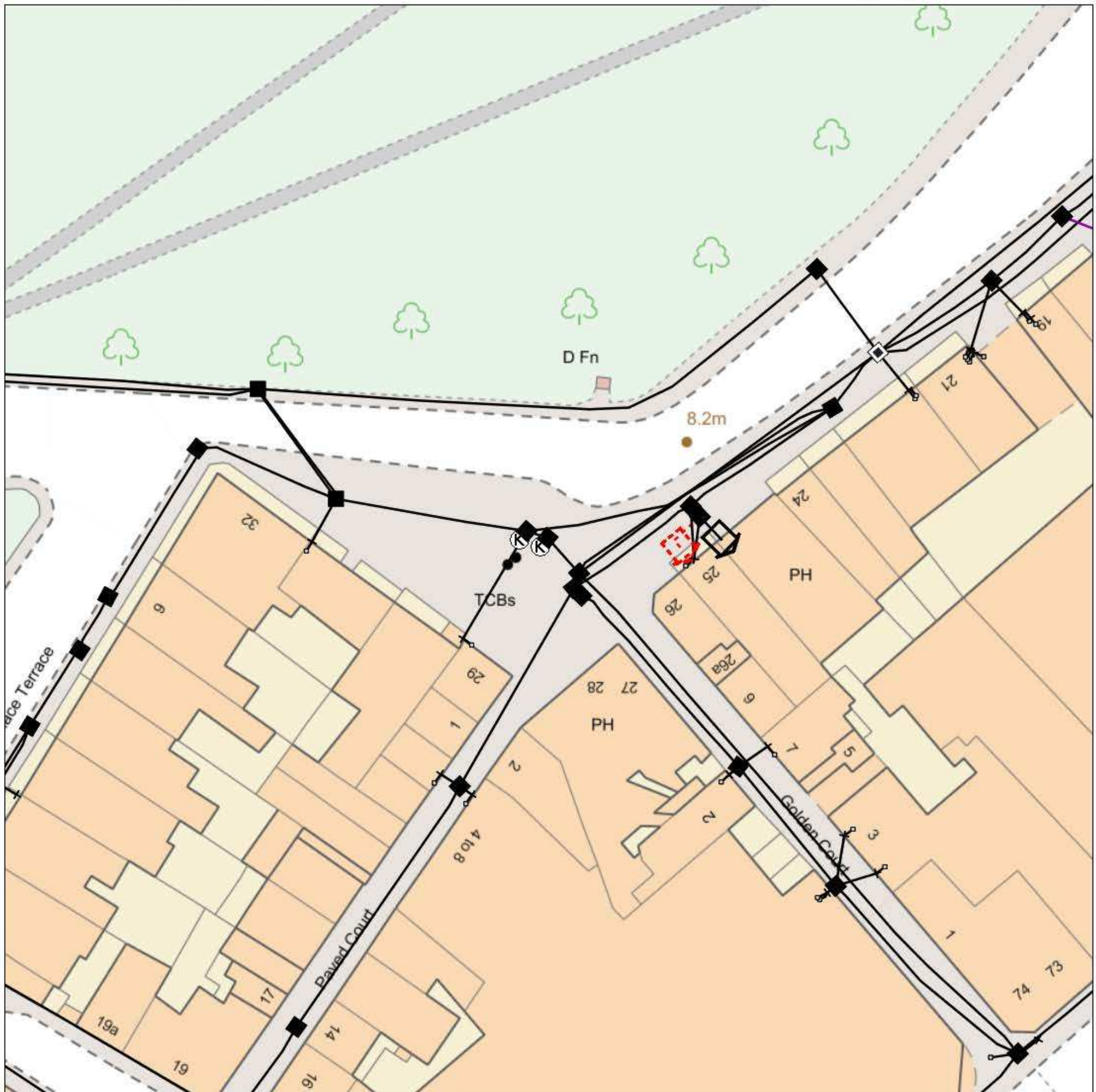
	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : FMM03362V  
Map Reference : (centre) TQ1776274832  
Easting/Northing : (centre) 517762,174832  
Issued : 28/02/2019 15:36:41

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# Maps by email Plant Information Reply



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## KEY TO BT SYMBOLS

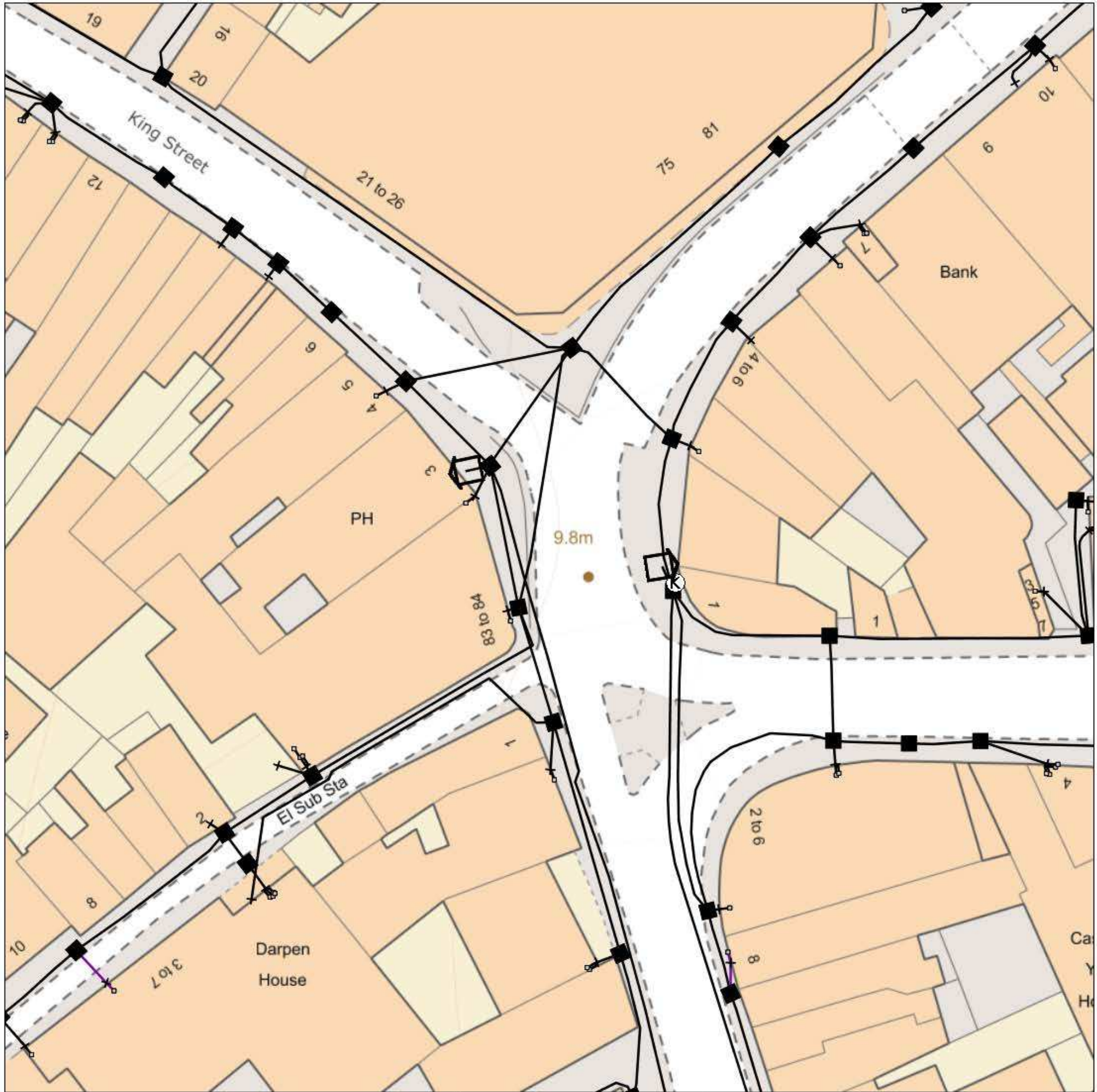
	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : USD03371K  
Map Reference : (centre) TQ1774974867  
Easting/Northing : (centre) 517749,174867  
Issued : 28/02/2019 15:37:47

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# Maps by email Plant Information Reply



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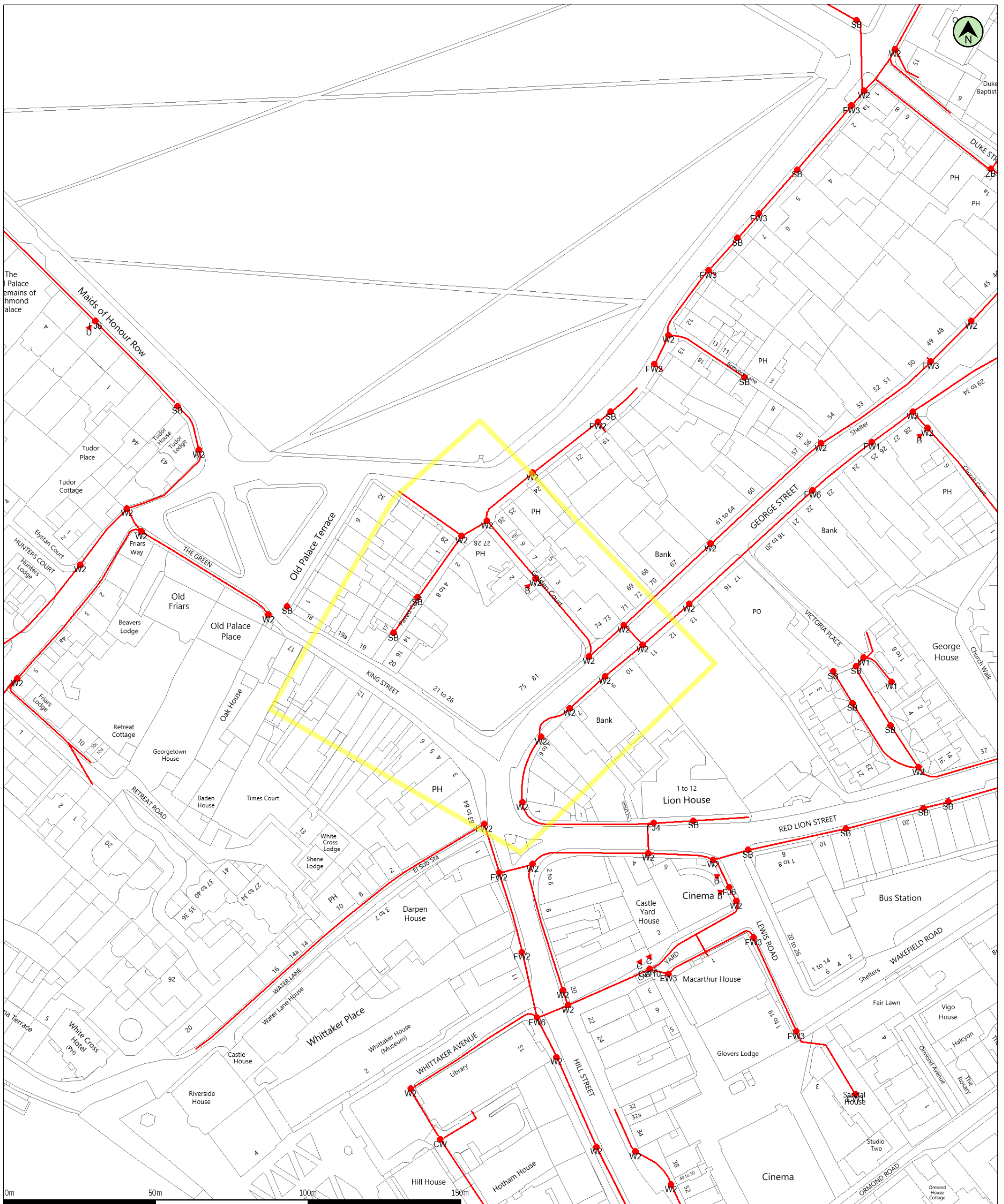
## KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : VYF03371K  
Map Reference : (centre) TQ1775774771  
Easting/Northing : (centre) 517757,174771  
Issued : 28/02/2019 15:38:18

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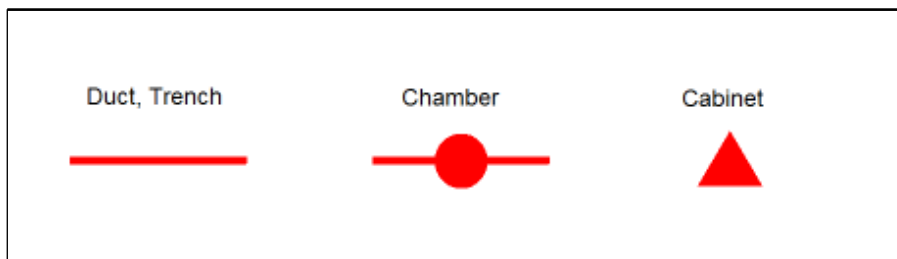


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 Data updated: 11/01/19

Scale: 1:1178  
 Map Centre: 517760,174834

Date: 01/03/19

Telecoms Plan A3  
 Powered by digdal



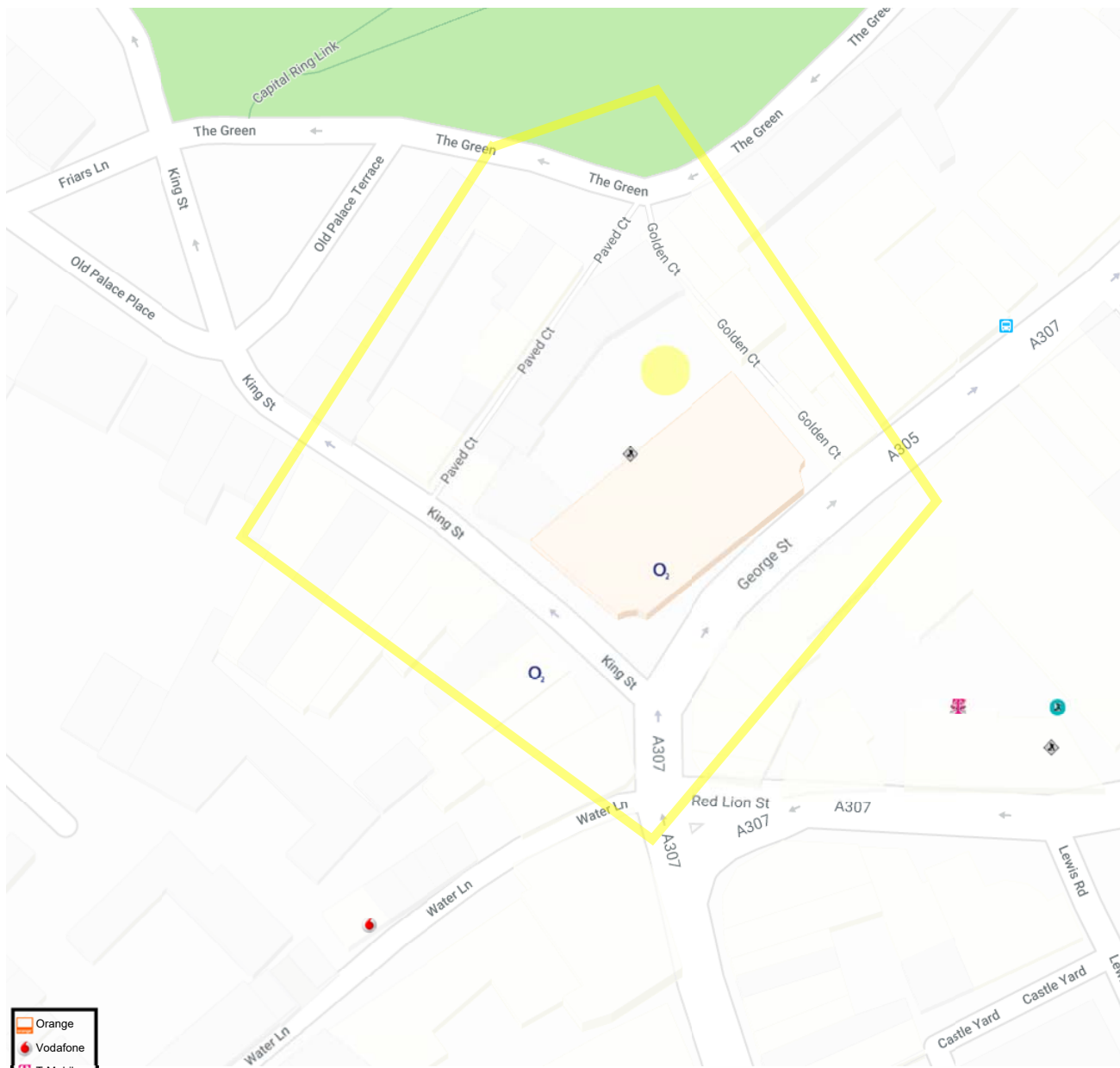
chilakala.apsar@virginmedia.co.uk

VM.1129239



Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2019 Ordnance Survey 100019209.

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