

APPENDIX THREE

CHEMICAL TEST DATA

Herts & Essex Site Investigations
The Old Post Office
Wellpond Green, Standon
Ware, Hertfordshire
SG11 1NJ
FAO Chris Gray
27 March 2007

Willie Snaith Road Newmarket CB8 7SQ
Tel: 01638 606070 Fax: 01638 606071
Email: admin@chemtest.co.uk

Dear Chris Gray

Test Report Number 43139

Your Project Reference 3 Augustines Road, + 4 Murray Mews, London

Please find enclosed the results of analysis for the samples received 21 March 2007.

All soil samples will be retained for a period of one month and all water samples will be retained for 14 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact Daniel Woods in Customer Services.

Yours sincerely

Darrell Hall - Laboratory Manager
Authorised Signatory



2183



Notes to accompany report:

- The sign < means 'less than'
- Tests marked 'U' hold UKAS accreditation
- Tests marked 'M' hold MCertS (and UKAS) accreditation
- Tests marked 'N' do not currently hold UKAS accreditation
- Tests marked 'S' were subcontracted to an approved laboratory
- n/e means 'not evaluated'
- i/s means 'insufficient sample'
- Comments or interpretations are outside of the scope of UKAS accreditation
- The results relate only to the items tested
- Stones represent the quantity of material removed prior to analysis
- All results are expressed on a dry weight basis
- The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis
TPH, BTEX, VOCs, SVOCs, PCBs, phenols
- For all other tests the samples were dried at $\leq 37^{\circ}\text{C}$ prior to analysis
- Uncertainties of measurement for the determinands tested are available upon request
- Soil descriptions, including colour and texture, are beyond the scope of MCERTS accreditation



Herts & Essex Site Investigations
The Old Post Office
Wellpond Green, Standon
Ware, Hertfordshire
SG11 1NJ

LABORATORY TEST REPORT

Chemtest

Results of analysis of 7 samples
received 21 March 2007

Report Date
27 March 2007

FAO Chris Gray

3 Augustines Road, + 4 Murray Mews, London

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

					43139						
					AB83150	AB83151	AB83152	AB83153	AB83154	AB83155	AB83156
					WS1	WS2	WS3	WS4	WS4	WS5	WS6
					0.20m	0.15m	0.30m	0.40m	0.60m	0.40m	0.50m
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SOP↓	Determinand↓	CAS No↓	Units↓	*							
2020	Electrical Conductivity (2:1)	EC	µS cm ⁻¹	U	400	390	540	440	640	950	320
2030	Moisture		%	n/a	19.2	21.9	20	16.9	28.2	23.2	13.6
	Stone content (as received)		%	n/a	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2300	Cyanide (total)	57125	mg kg ⁻¹	M	1.8	1.0	1.2	1.2	0.6	<0.5	0.5
2310	Cyanide (free)	57125	mg kg ⁻¹	M	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2610	Loss on ignition		%	N	4.2	4.67	4.75	11.4	7.53	8.4	4.05
2120	Boron (hot water soluble)	7440428	mg kg ⁻¹	U	1	0.6	1.6	3.1	2.6	1.1	2.8
2210	Sulfate (2:1 water soluble)	14808798	g l ⁻¹	M	0.03	0.01	0.11	0.04	0.12	0.12	0.05
2430	Sulfate (total)	14808798	%	U	0.31	0.09	0.36	0.25	0.15	0.18	0.29
2450	Arsenic	7440382	mg kg ⁻¹	M	4.6	<2	14	49	16	36	18
	Cadmium	7440439	mg kg ⁻¹	M	<0.1	<0.1	0.13	0.22	<0.1	<0.1	0.10
	Chromium	7440473	mg kg ⁻¹	U	14	17	19	28	29	30	26
	Copper	7440508	mg kg ⁻¹	M	36	18	74	170	54	130	85
	Mercury	7439976	mg kg ⁻¹	M	3.3	0.42	1.3	1.3	1.1	1.1	1.4
	Nickel	7440020	mg kg ⁻¹	M	12	10	19	34	18	19	24
	Lead	7439921	mg kg ⁻¹	M	3200	430	1400	1400	330	260	1600
	Zinc	7440666	mg kg ⁻¹	M	63	57	290	400	77	100	180
2490	Chromium (hexavalent)	18540299	mg kg ⁻¹	N	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2673	TPH >C6-C10		mg kg ⁻¹	U	<1	<1	<1	35	<1	<1	<1
	TPH >C10-C21		mg kg ⁻¹	M	14	28	25	38	19	35	64
	TPH >C21-C40		mg kg ⁻¹	M	31	64	76	96	150	27	95
	Total Petroleum Hydrocarbons		mg kg ⁻¹	M	45	92	100	170	170	62	160
2700	Naphthalene	91203	mg kg ⁻¹	M	4.8	3.4	2.3	1.9	2.1	2.9	12
	Acenaphthylene	208968	mg kg ⁻¹	M	0.3	0.1	0.4	0.4	0.2	0.2	<0.1
	Acenaphthene	83329	mg kg ⁻¹	M	2	0.9	1	0.9	0.5	0.6	2.9
	Fluorene	86737	mg kg ⁻¹	M	0.9	0.5	0.6	0.4	0.2	0.1	1.8
	Phenanthrene	85018	mg kg ⁻¹	M	1.8	0.9	2.6	2.8	0.4	0.3	13
	Anthracene	120127	mg kg ⁻¹	M	1.2	0.5	0.9	1.1	0.2	0.1	2.6
	Fluoranthene	206440	mg kg ⁻¹	M	2.6	1.2	4.2	6.7	0.3	0.1	16
	Pyrene	129000	mg kg ⁻¹	M	2	0.9	3.3	6	0.3	0.1	13

All tests undertaken between 19-Mar-2007 and 26-Mar-2007

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 2

Report sample ID range AB83150 to AB83156

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 21 March 2007

Report Date
27 March 2007

FAO Chris Gray

3 Augustines Road, + 4 Murray Mews, London

					43139						
					AB83150	AB83151	AB83152	AB83153	AB83154	AB83155	AB83156
					WS1	WS2	WS3	WS4	WS4	WS5	WS6
					0.20m	0.15m	0.30m	0.40m	0.60m	0.40m	0.50m
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
2700	Benzo[a]anthracene	56553	mg kg ⁻¹	M	1.1	0.5	1.8	3.6	0.3	0.2	7
	Chrysene	218019	mg kg ⁻¹	M	1.1	0.5	2.1	4.1	0.3	0.2	8.1
	Benzo[b]fluoranthene	205992	mg kg ⁻¹	M	0.9	0.5	1.9	4.3	0.2	0.2	6.5
	Benzo[k]fluoranthene	207089	mg kg ⁻¹	M	0.6	0.4	1.3	3.5	0.3	<0.1	5.3
	Benzo[a]pyrene	50328	mg kg ⁻¹	M	0.7	0.4	1.5	4.4	0.3	0.1	6.9
	Dibenzo[a,h]anthracene	53703	mg kg ⁻¹	M	<0.1	<0.1	0.3	0.8	<0.1	<0.1	1.2
	Indeno[1,2,3-cd]pyrene	193395	mg kg ⁻¹	M	0.5	0.3	1.4	3.1	0.2	<0.1	5
	Benzo[g,h,i]perylene	191242	mg kg ⁻¹	M	0.7	0.8	1.7	3.4	1	1.2	4.6
	Total (of 16) PAHs		mg kg ⁻¹	M	21	12	27	47	6.6	6.3	110
2920	Phenols (total)		mg kg ⁻¹	M	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2010	pH		-	M	8.3	7.9	8.3	7.7	7.7	7.7	8.4
2140	Soil colour			n/a	brown	brown	brown	grey	brown	brown	brown
	Soil texture			n/a	sand	clay	clay	sand	clay	clay	sand
	Other material			n/a	stones	stones	stones	stones	none	none	brick, stones
2186	Asbestos (presence/absence)		-	N	not detected	not detected	not detected	not detected	not detected	not detected	not detected

APPENDIX FOUR

STATISTICAL ANALYSIS

HERTS & ESSEX SITE INVESTIGATIONS

The Old Post Office, Wellpond Green, Ware,
Hertfordshire, SG11 1NJ

Telephone (01920) 822233
Fax (01920) 822200

DEFRA/CLEA : Assessment of Risks to Human Health From Land Contamination, (CLR 7)

Upper 95th Percentile and Outlier Analysis

Site Address: Site at 3 Augustines Road & 4 Murray Mews, London NW1

Job No: 7769

Contaminant :	Soil Type	Zone	Outlier Test Statistic	T _{crit}	Are Outliers Present?	Upper 95th Percentile	Log of Relevant Trigger Level	Mean Value Test is Passed
Lead	Fill	All Site	1.23	1.82	NO	3.34	2.65	x

Contaminant :	Soil Type	Zone	Outlier Test Statistic	T _{crit}	Are Outliers Present?	Upper 95th Percentile	Relevant Trigger Level	Mean Value Test is Passed
Boron	Fill	All Site	1.20	1.82	NO	2.54	3.00	✓
Arsenic	Fill	All Site	1.11	1.82	NO	35.75	20.00	x
Copper	Fill	All Site	1.12	1.82	NO	132.41	130.00	x
Zinc	Fill	All Site	1.30	1.82	NO	295.47	300.00	✓
B.a.P.	Fill	All Site	1.20	1.82	NO	4.58	1.00	x

[illegible]

**The Old Post Office, Wellpond Green, Ware,
Hertfordshire, SG11 1NJ**

(01920) 822233
(01920) 822200

Upper 95th Percentile and Outlier Analysis

Site Address: *Site at 3 Augustines Road & 4 Murray Mews, London NW1*
Job No: 7769

Job No: 7769	
Soil Type :	Fill
Contaminant :	Lead
No of Samples	6
Unbiased Standard Deviation	1050.57
Arithmetic Mean	1381.67
t value	2.02
Arithmetic Mean of Log Values	3.01
Unbiased Standard Deviation Log	0.40
Maximum Value of Log Values	3.51
Outlier Value	1.23
T_{crit}	1.820
Upper 95th Percentile	3.341 mg/kg⁻¹
Log of Soil Guidline Value	2.653 mg/kg⁻¹
Soil Guideline Value	450.00 mg/kg⁻¹

[illegible]

[illegible]

**The Old Post Office, Wellpond Green, Ware,
Hertfordshire, SG11 1NJ**

Telephone _____
Fax _____

(01920) 822233
(01920) 822200

DEFRA/CLEA : Assessment of Risks to Human Health From Land Contamination, (CLR 7)

Upper 95th Percentile and Outlier Analysis

Site Address: Site at 3 Augustines Road & 4 Murray Mews, London NW1
Job No: 7769

Soil Type :	Fill
Contaminant :	B.a.P.
No of Samples	6
Unbiased Standard Deviation	2.73
Arithmetic Mean	2.33
t value	2.015
Arithmetic Mean of Log Values	0.02
Unbiased Standard Deviation Log	0.68
Maximum Value of Log Values	0.84
Outlier Test Statistic	1.20
T_{crit}	1.820
Upper 95th Percentile	4.58 mg/kg⁻¹
Relevant Trigger Level	1.00 mg/kg⁻¹

[illegible]

10th June 2022

Our Ref: DAH/17433

Paul Stuart Ltd
5 Fitzroy Square
London
W1T 5HH

Dear Sir / Madam,

Re: 4 Murrey Mews, London. NW1 9RJ:**Geotechnical Investigation**

In accordance with your instructions, we visited the above site on the 24th of May 2022. The purpose of our visit was to drill a window sampled borehole and install a standpipe to monitor groundwater levels.

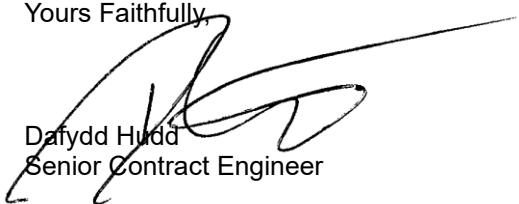
The location and borehole logs can be found within the attached appendices.

We were also asked to return in order to check the groundwater levels within the standpipe, this visit was undertaken on the 31st of May 2022, and noted there was no groundwater present within the standpipe.

Location No.	Date of Recording	Depth of Groundwater
WS1	24 th May 2022	DRY
	31 st May 2022	DRY

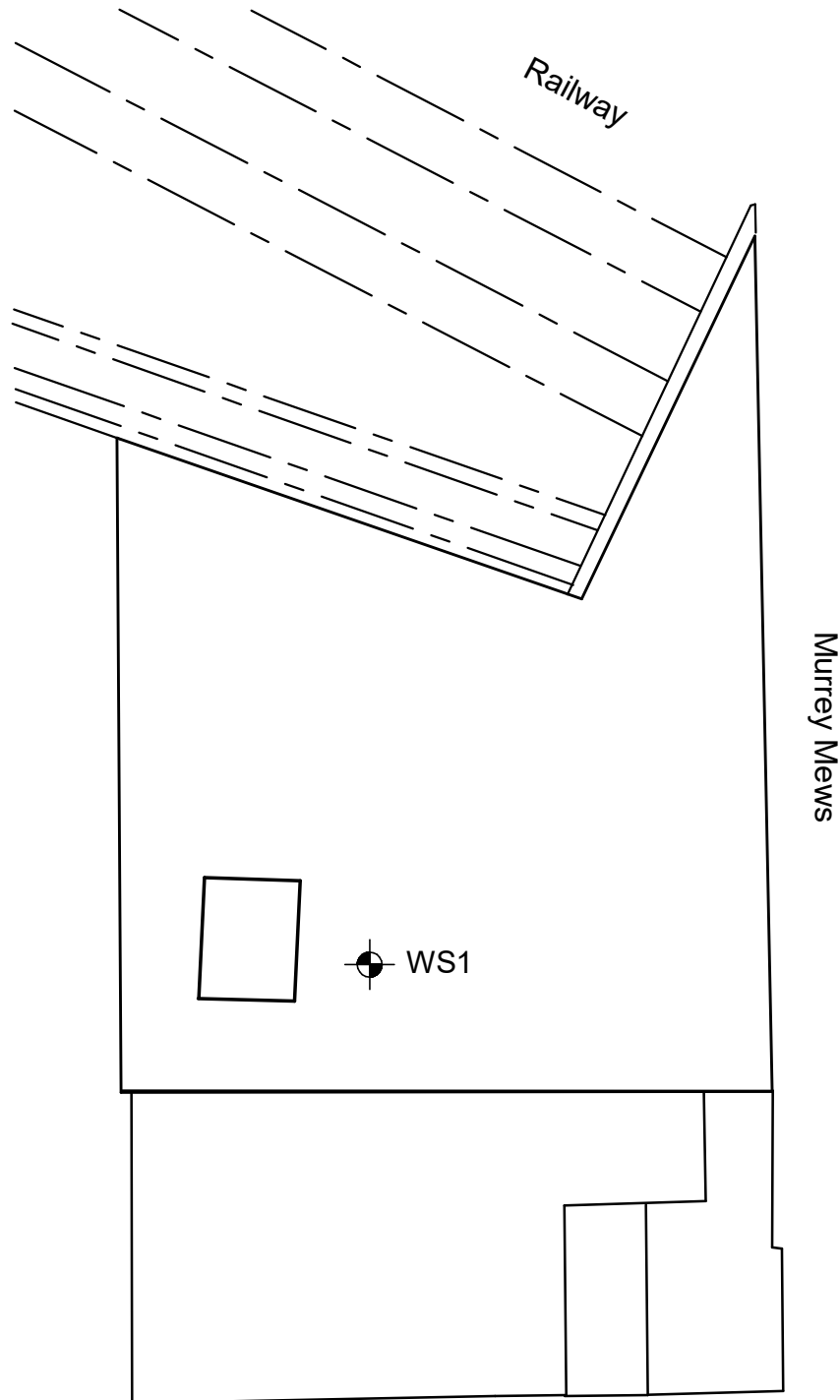
We hope the attached is sufficient, should you require any further assistance do not hesitate in contacting us.

Yours Faithfully,


Dafydd Hudd
Senior Contract Engineer

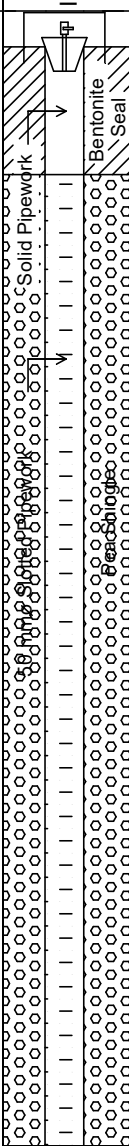
4 Murrey Mews, London. NW1 9RJ

Existing Site Plan



4 Murrey Mews, London. NW1 9RJ


Window Sampler One


Description Of Stratum	Legend	Depth	Thickness (m)	Water Level	Samples			S.P.T N-Value or Vane Strength	VOC's (ppm)	Installations	Casing Depth, (m)
					No	Type	Depth (m)				
Loose dark brown clayey topsoil with brick and gravel fragments - MADE GROUND		0.80	0.80	DRY	1	U	GL - 1.00	N=16			1.00
Firm brown slightly silty CLAY with some - much flint fragments		1.60	0.80		2	U	1.00-2.00				
Firm - very stiff brown silty CLAY					3	U	2.00-3.00				
					4	U	3.00-4.00				
					5	U	4.00-5.00				
					6	U	5.00-6.00				
					7	U	6.00-7.00				
Borehole closed at 7.00 m											

Remarks

Scale 1 : 50

Key : U - Undisturbed Sample
(100mm diameter)

B - Bulk Sample
 - Water Struck

D - Disturbed Sample
 - Water Standing

W - Water Sample
T - Chemical Tub

N - SPT N-Value
V - Vane Test, (kN.m²)

Appendix C Historical Maps

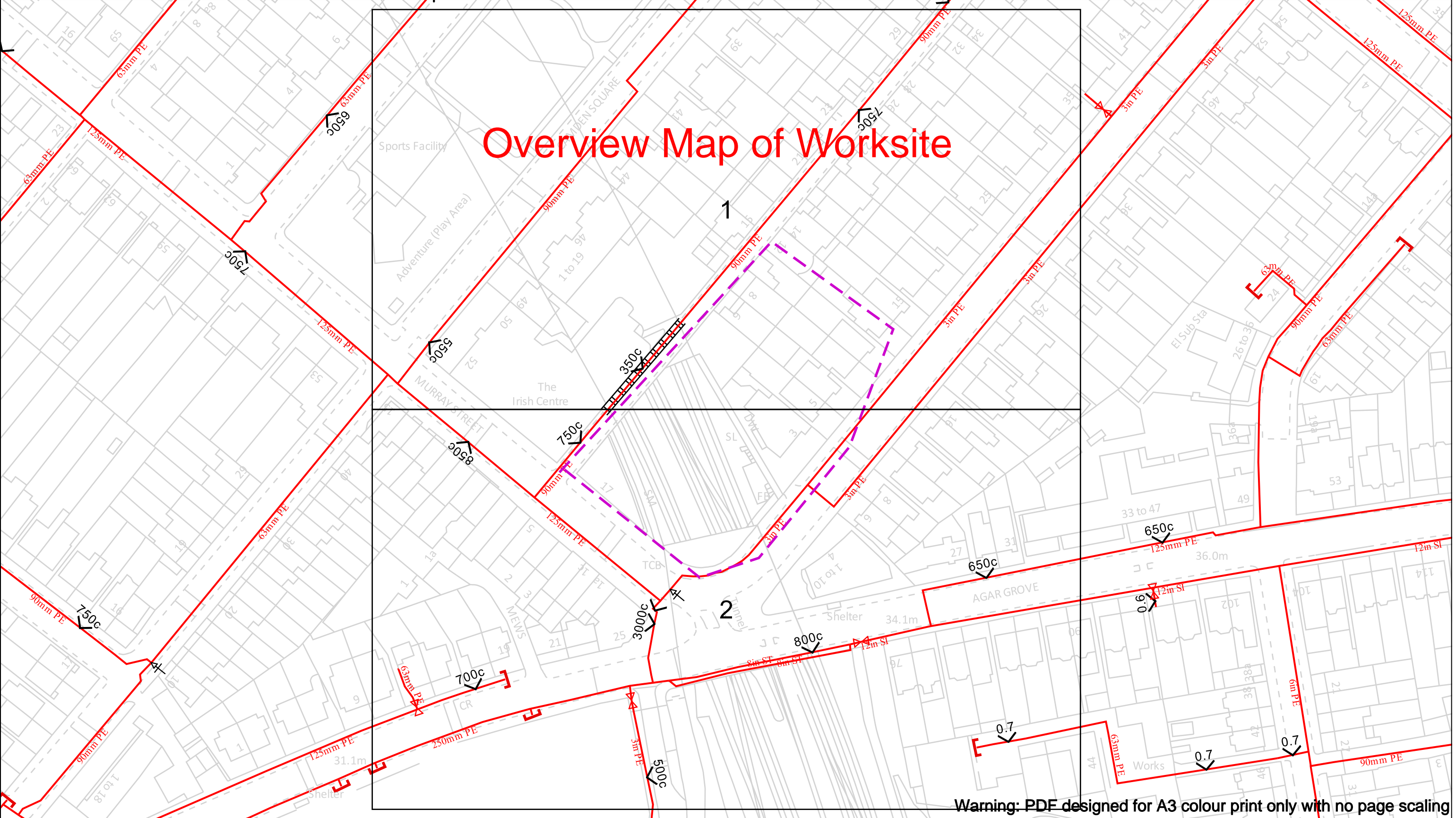


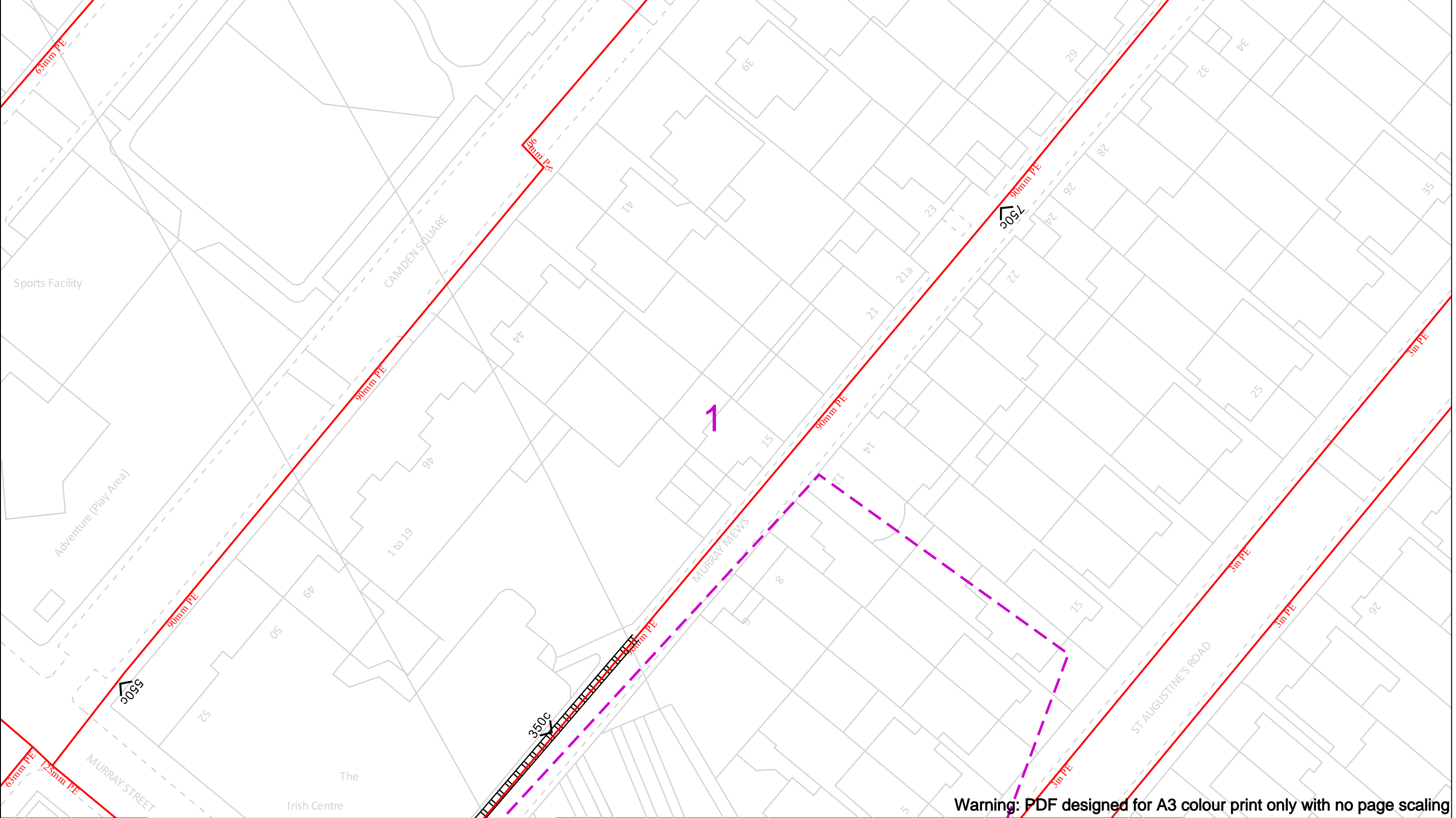
1895



Pre 1920

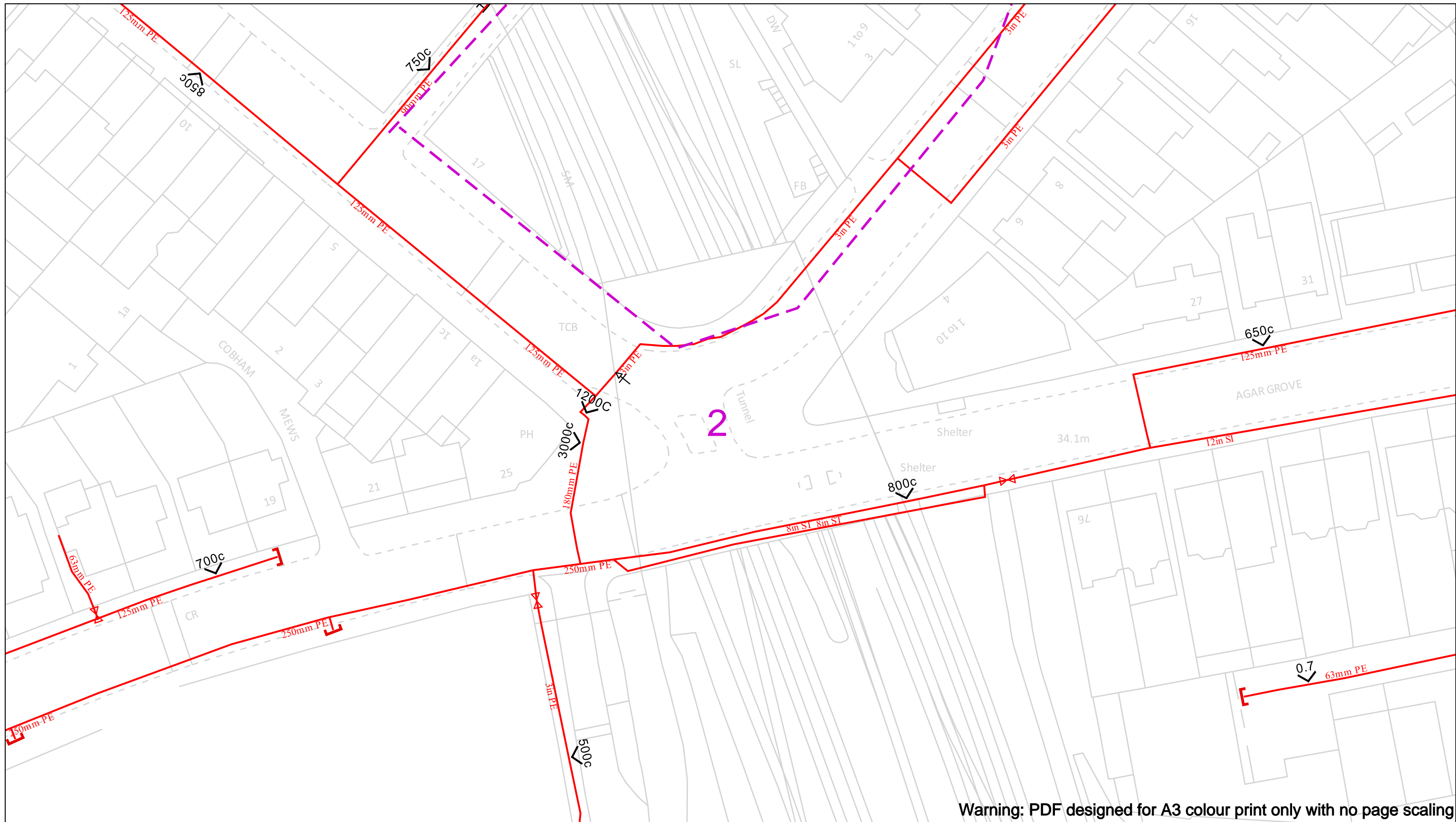
Appendix D Underground Utilities Asset Drawings





Warning: PDF designed for A3 colour print only with no page scaling

<div><div>Date Requested: 25/09/2022 Job Reference: 27031339 Site Location: 529678 184361 Requested by: Mr Pawel Rogalewicz Your Scheme/Reference: 4 Murray Mews</div><div>Scale: 1:500 (When plotted at A3)</div></div>		<div>View extent: 200m, 115m</div> <div>IMPORTANT NOTICES</div> <div>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards 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 Limited or their agents, servants or contractors for any errors 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.</div>	<div>In case of an emergency call 0800 111 999</div> <div><div><div><div><div></div><div></div></div><div>Dig Sites</div></div><div><div><div></div><div></div></div><div>LP Mains</div></div><div><div><div></div><div></div></div><div>MP Mains</div></div><div><div><div></div><div></div></div><div>IP Mains</div></div><div><div><div></div><div></div></div><div>LHP Mains</div></div></div><div><div><div><div></div><div></div></div><div>Area: <div></div></div><div><div><div></div><div></div></div><div>Line: <div></div></div></div></div><div><div><div><div></div><div></div></div><div>Valve</div></div><div><div><div></div><div></div></div><div>Depth of cover</div></div><div><div><div></div><div></div></div><div>Syphon</div></div></div><div><div><div><div></div><div></div></div><div>Diameter Change</div></div><div><div><div></div><div></div></div><div>Material Change</div></div><div><div><div></div><div></div></div><div>Out of Standard Service</div></div></div></div></div>		<div><div>Cadent</div><div>Your Gas Network</div></div>
<div>Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886</div>					



Warning: PDF designed for A3 colour print only with no page scaling

	View extent: 200m, 115m		
Date Requested: 25/09/2022 Job Reference: 27031339 Site Location: 529678 184361 Requested by: Mr Pawel Rogalewicz Your Scheme/Reference: 4 Murray Mews	<p>IMPORTANT NOTICES</p> <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards 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 Limited or their agents, servants or contractors for any errors 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.</p>	<p style="text-align: center;">In case of an emergency call 0800 111 999</p> <p>Dig Sites</p> <p>Area: Line: </p> <p> LP Mains MP Mains IP Mains LHP Mains </p> <p> Valve Depth of cover Syphon </p> <p> Diameter Change Material Change Out of Standard Service </p>	<p>Cadent</p> <p>Your Gas Network</p>
Scale: 1:500 (When plotted at A3)			
Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886			

Asset location search



Property Searches

Croft Structural Engineers
Clockshop Mews
60Rear of 60 Saxon Rd
LONDON
SE25 5EH

Search address supplied 4 Murray Mews
Murray Mews
4
Murray Mews
London
NW1 9RJ

Your reference 4 Murray Mews

Our reference ALS/ALS Standard/2022_4726679

Search date 29 September 2022

Knowledge of features below the surface is essential for every development

The benefits of this knowledge not only include ensuring due diligence and avoiding risk, but also being able to ascertain the feasibility of any development.

Did you know that Thames Water Property Searches can also provide a variety of utility searches including a more comprehensive view of utility providers' assets (across up to 35-45 different providers), as well as more focused searches relating to specific major utility companies such as National Grid (gas and electric).

Contact us to find out more.



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



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



0800 009 4540

Search address supplied: 4 Murray Mews, Murray Mews, 4, Murray Mews, London, NW1 9RJ

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.

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

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

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

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

For your guidance:

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

Clean Water Services

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

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

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

pressure test to be carried out for a fee.

For your guidance:

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

Payment for this Search

A charge will be added to your suppliers account.

Further contacts:

Waste Water queries

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

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

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

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

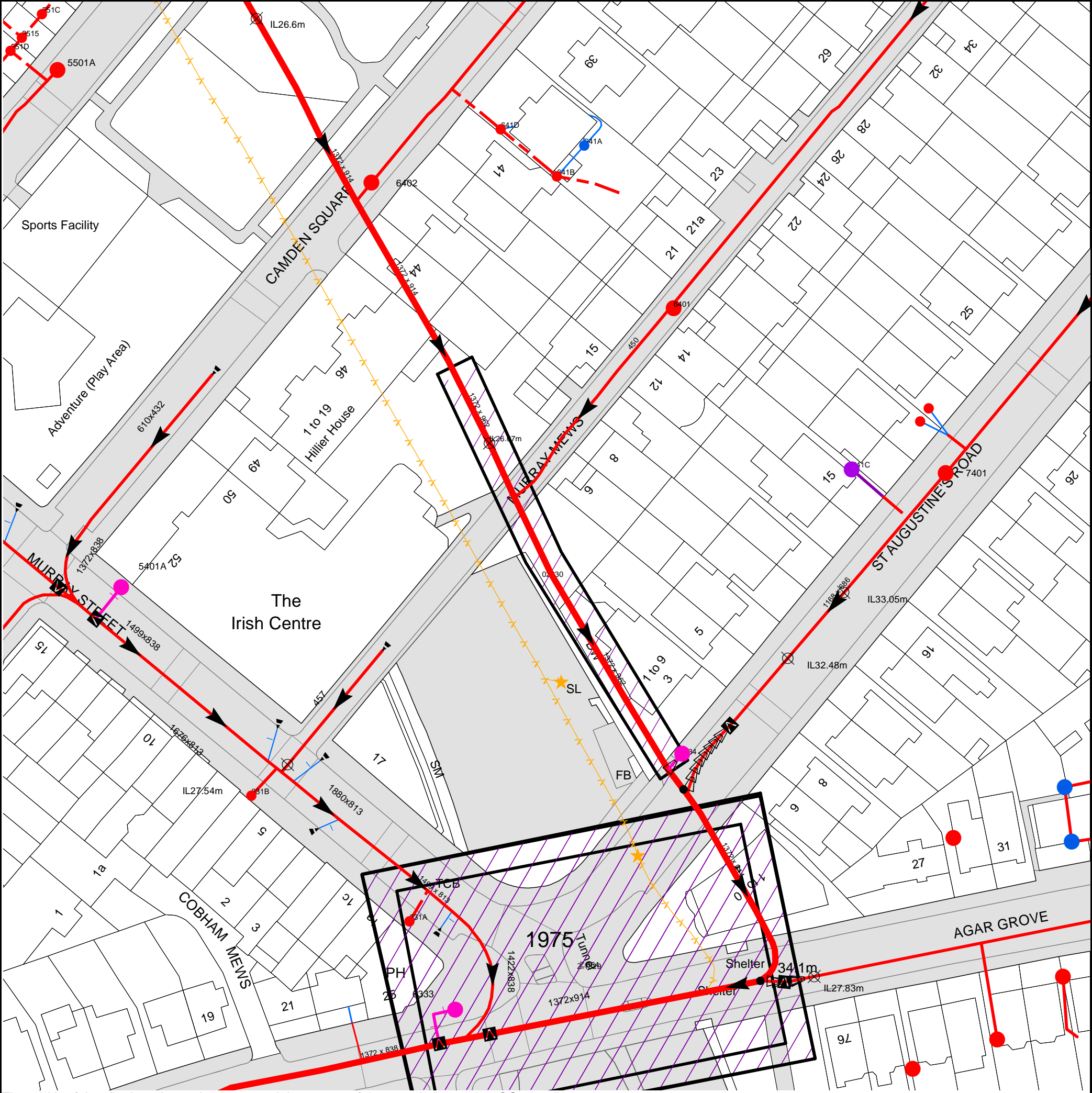
Clean Water queries

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

Asset Location Search Sewer Map - ALS/ALS Standard/2022 4726679



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
741B	n/a	n/a
741A	n/a	n/a
6401	36.45	32.54
641A	n/a	n/a
551D	n/a	n/a
5515	n/a	n/a
551C	n/a	n/a
5501A	36.42	32.86
5401A	n/a	n/a
6402	37.06	31.54
641D	n/a	n/a
641B	n/a	n/a
73DE	n/a	n/a
73DF	n/a	n/a
73BB	n/a	n/a
73BH	n/a	n/a
73CD	n/a	n/a
73BG	n/a	n/a
6334	34.7	25.63
7401	36.89	33.79
741C	n/a	n/a
631B	n/a	n/a
631A	n/a	n/a
6333	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.









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		Well

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.

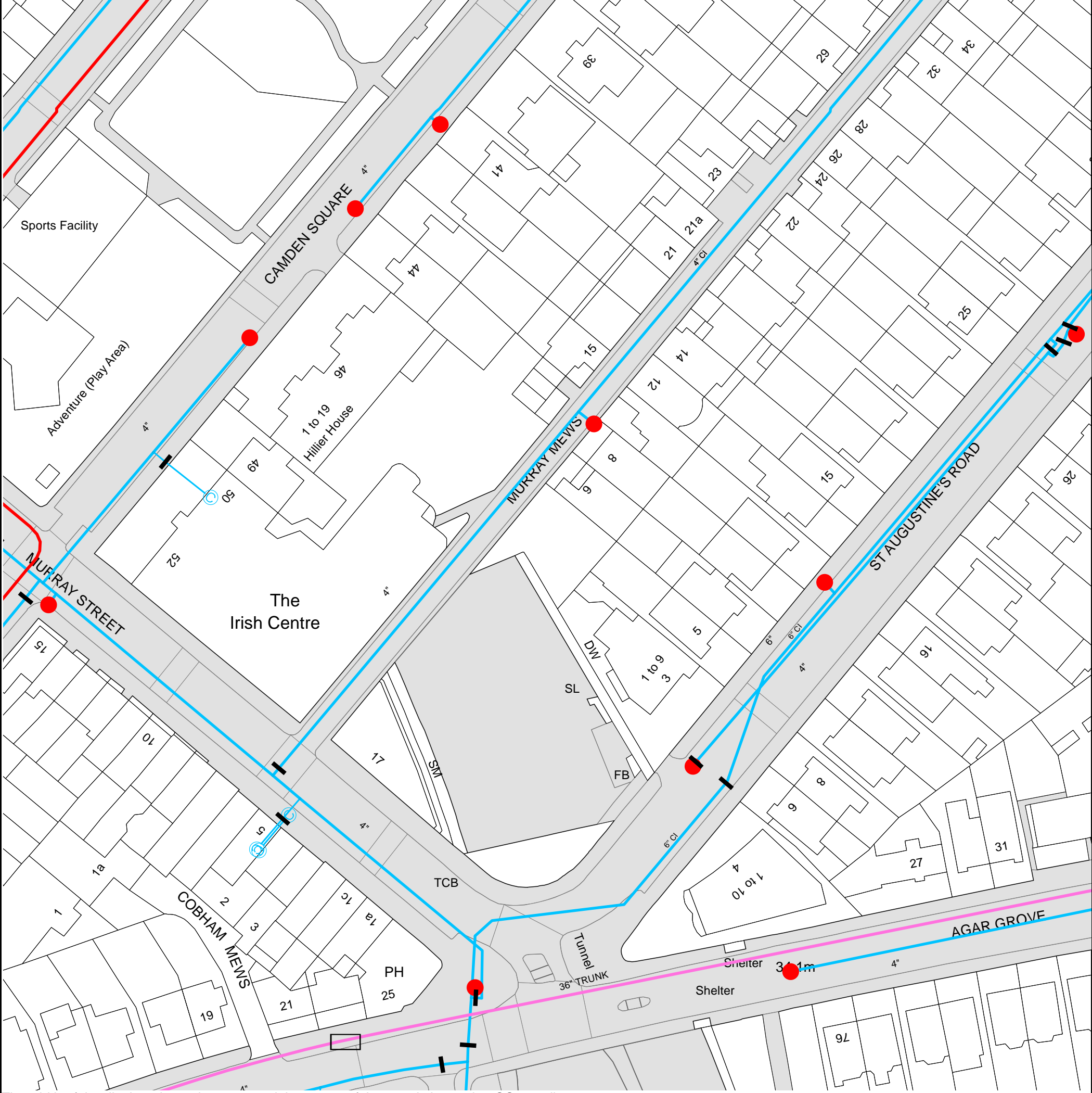
	Agreement
	Chamber
	Operational Site

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 200 m and the centre of the map is located at OS coordinates 529665, 184421.
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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")	300mm (3')
300mm - 600mm (12" - 24")	1100mm (3' 6")
600mm and bigger (24" and over)	1000mm (8')

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 14 days from due date of the invoice. Any other terms must be accepted/agreed in writing prior to provision of goods or service, or will be held to be invalid.
4. Thames Water does not accept post-dated cheques-any cheques received will be processed for payment on date of receipt.
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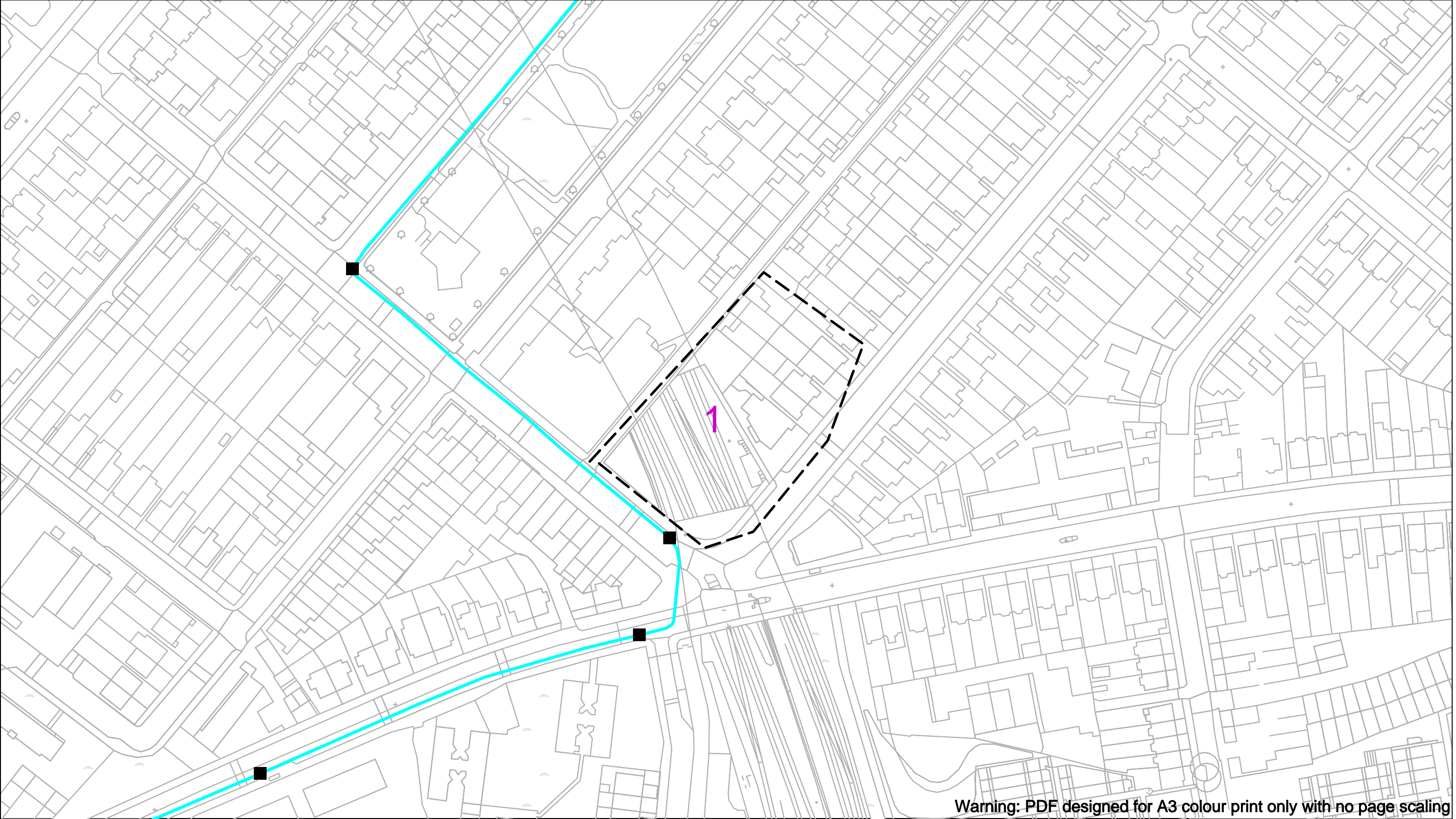
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Ways to pay your bill

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

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planprotection@eunetworks.com


Date Requested: 25/09/2022
Job Reference: 27031339
Site Location: 529678 184361
Requested by:
Mr Pawel Rogalewicz
Your Scheme/Reference: 4 Murray
Mews

Scale: 1:1250 (When plotted at A3)




Dig Sites Line: - - - - Area: 


Duct



Long Haul (LHN) Duct



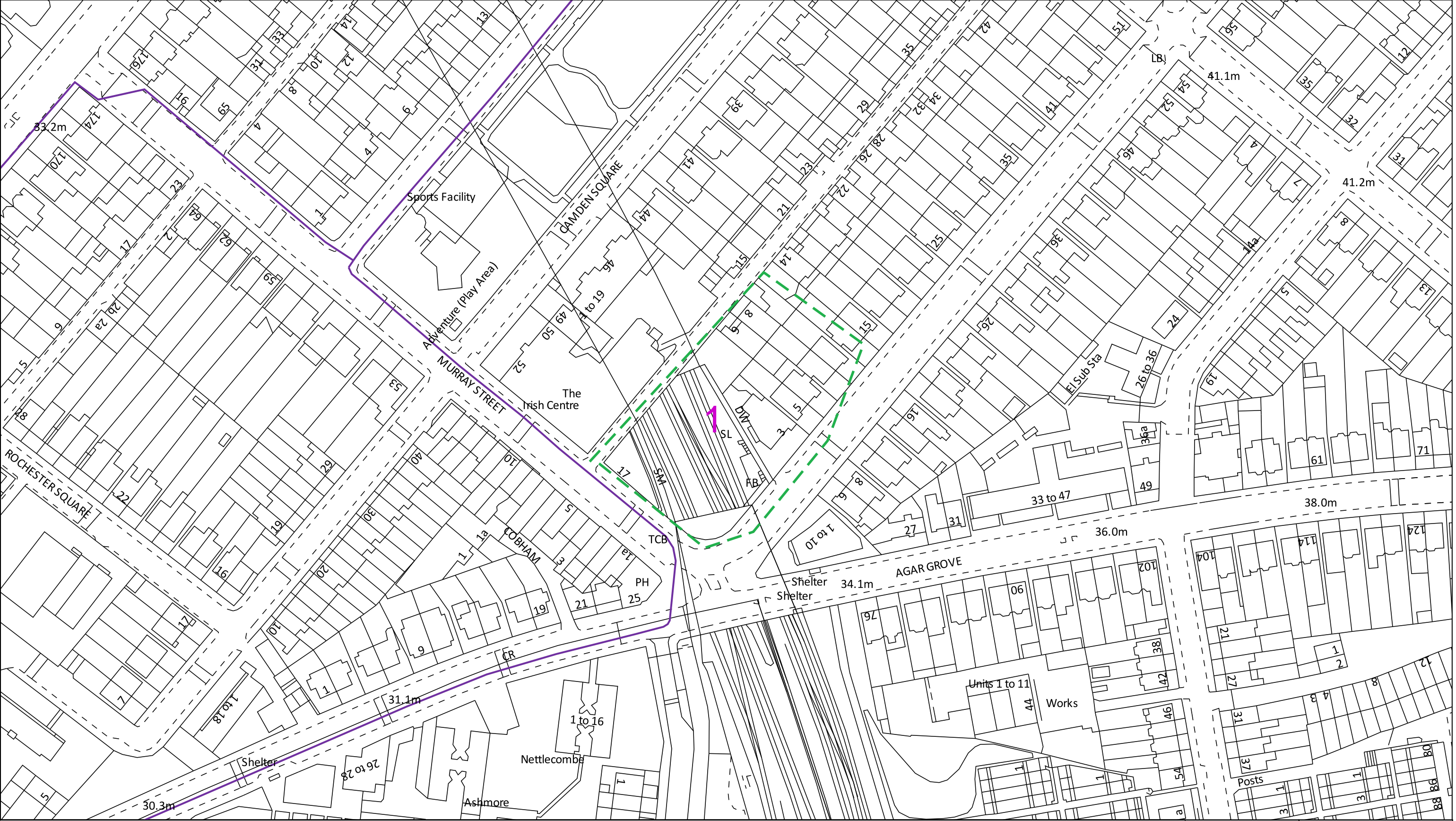
Chamber Location



IMPORTANT WARNING
The information supplied is given in good faith as a guide to locating underground apparatus. Its accuracy cannot be guaranteed, nor does it include comprehensive information about the existence or location of service pipes or cables to individual premises. The responsibility for locating and avoiding damage to apparatus on site shall be that of the persons proposing to excavate in the street shall be liable to the apparatus owner and any third party who may be affected in any way for any loss or damage caused by their failure to do so.

IF IN DOUBT PLEASE ASK! PHONE: 07896 087585





0 100 m

Date Requested: 25/09/2022
Job Reference: 27031339
Site Location: 529678 184361

Requested by:
Mr Pawel Rogalewicz
Your Scheme/Reference: 4 Murray
Mews

Scale: 1:1250 (When plotted at A3)

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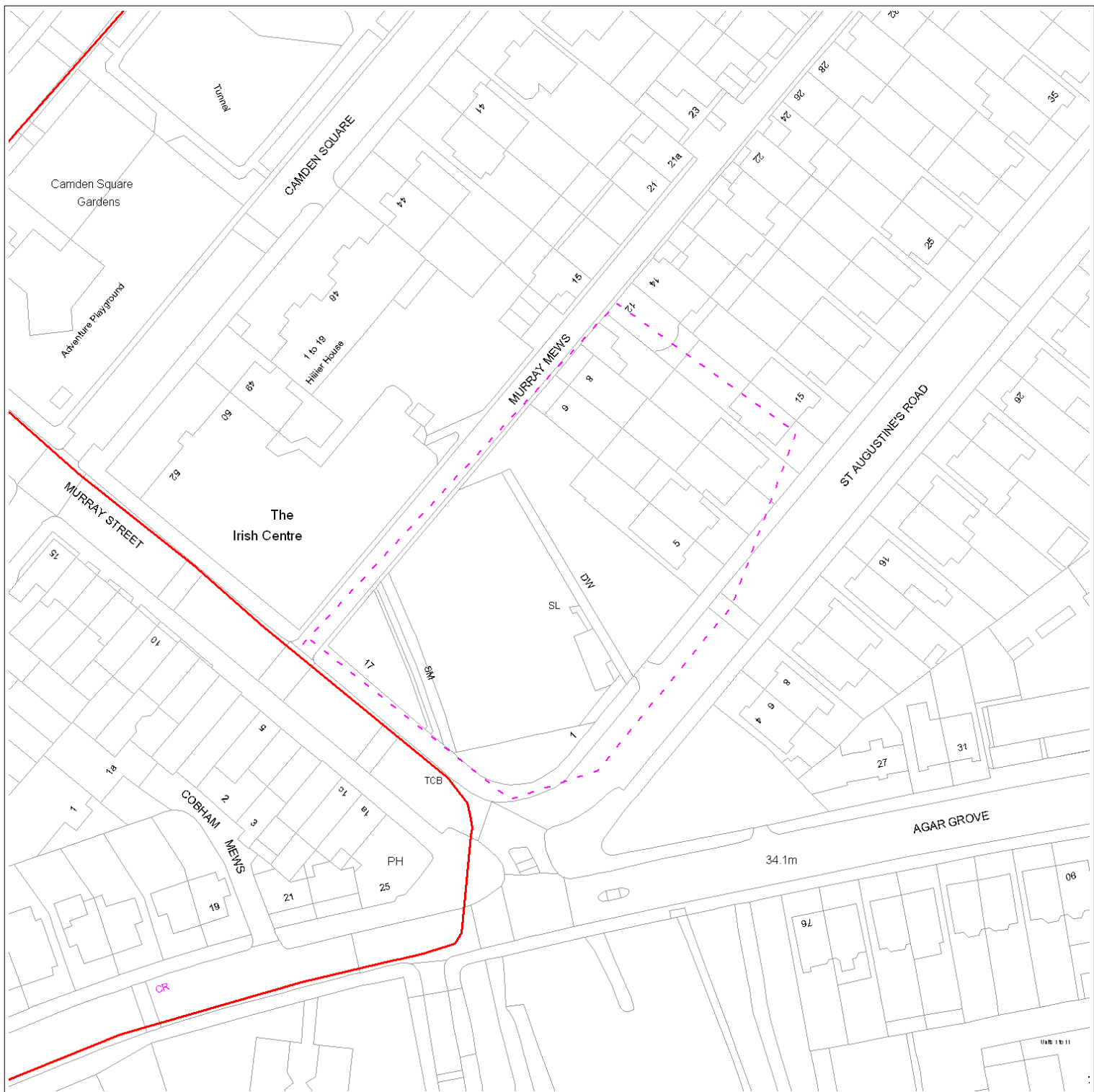
Neos Network Underground Route

Emergency Number: 0345 305 3337

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Date Requested: 26/09/2022

Requested by: Pawel Rogalewicz

Company: Croft SE

Job Reference: 27031339

Your Scheme/Reference: 4 Murray Mews

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