Mr Duncan Phillips
Cornerstone Projects
91 Market Street
Hoylake Merseyside
CH47 5AA

Zayo Plant Protection Centre
c/o JSM Group Ltd
Plant Protection Department
Sterling House
Mutton Lane
Potters Bar
Herts, EN6 3AR

Date: 06/02/2023

Your Reference: 23B041

Our Reference: 28425412

Dear Mr Duncan Phillips,

ZAYO GROUP LTD UK AFFECTED C2 PRELIMINARY PLANT ENQUIRY

We acknowledge with thanks your request dated 06/02/2023 03:00:48 PM for information on the location of our assets.

We confirm we have reviewed your proposed plan and have enclosed maps of the area in which Zayo Group UK Ltd have apparatus.

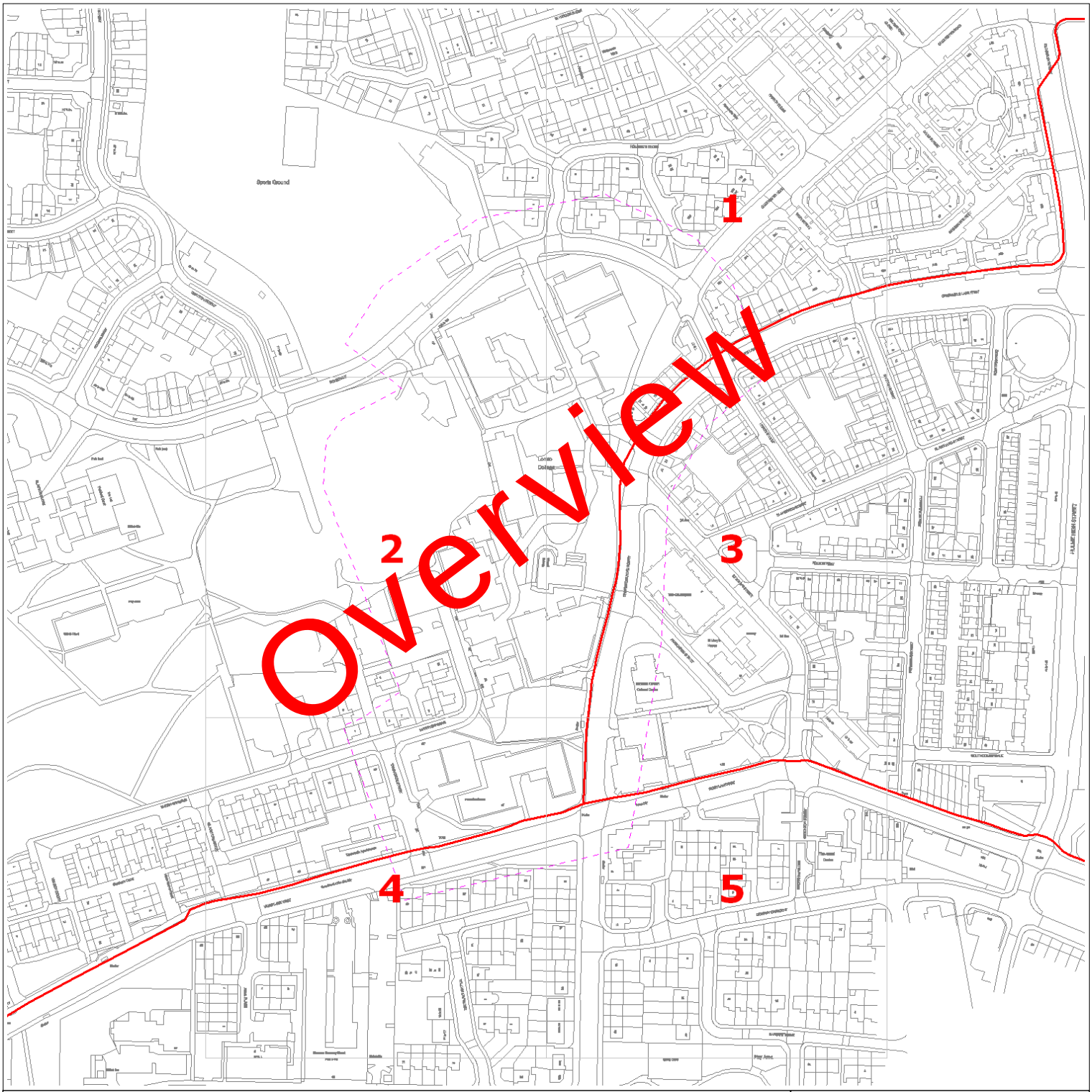
Please note these maps indicate approximate location only and their accuracy cannot be guaranteed. To determine the exact location a trial hole must be dug using extreme caution and hand dig methods only. Please refer to the attached document "Guide to Excavation within the vicinity of Zayo Apparatus".

Please forward all C3 and C4 Diversionary Estimate requests for diversionary works under the New Roads and Street Works Act 1991 "Measures necessary where apparatus is affected by Major Works (Diversionary Works), A Code of Practice", to zayodiversions@jsmgroup.com.

Please do not hesitate to contact us for further assistance.

Yours faithfully,

Zayo Group UK Ltd c/o JSM Group Ltd
JSM Plant Protection Department
T: 01992 655 919
zayoplantenquiries@jsmgroup.com



Date Requested: 06/02/2023

Requested by: Duncan Phillips

Company: Cornerstone Projects

Job Reference: 28425412

Your Scheme/Reference: 23B041

ZAYO DUCT

or ZAYO CHAMBER

Dig Sites: Line Area

Scale on A4 paper: 1:1000

4th Floor Harmsworth House
13-15 Bouverie Street
London EC4Y 8DP

The information on this document is proprietary and shall not be used, copied, reproduced or disclosed in whole or in part without written consent of Zayo Group UK Ltd. Approximate location only is shown. To determine exact location a trial hole must be dug with a Zayo Group UK Ltd Supervisor present. Zayo Group UK Ltd and JSM Construction Ltd accept no liability for errors or omissions.

Linesearch before dig

Protecting Lives, Cables & Pipes

Warning: PDF designed for colour print only with no page scaling. This Information is given as a guide only and its accuracy cannot be guaranteed

N

In Emergency Only and if Zayo Plant or Cables damaged call: 0800 169 1646

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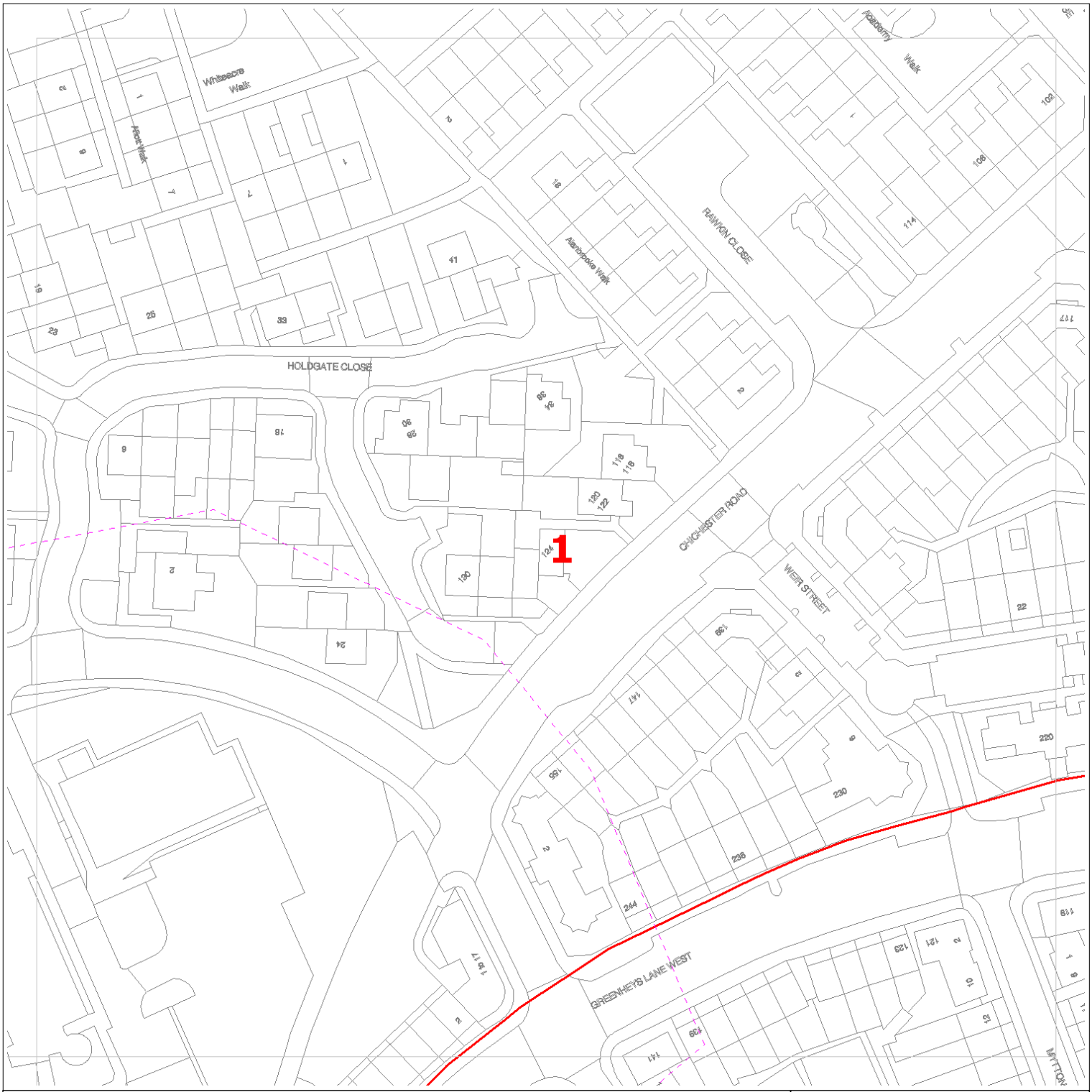
JSM Group Ltd
Sterling House
Mutton Lane, Potters Bar
Hertfordshire, EN6 3AR
T: 01992 788 019
zayoplantenquiries@jsmgroup.com



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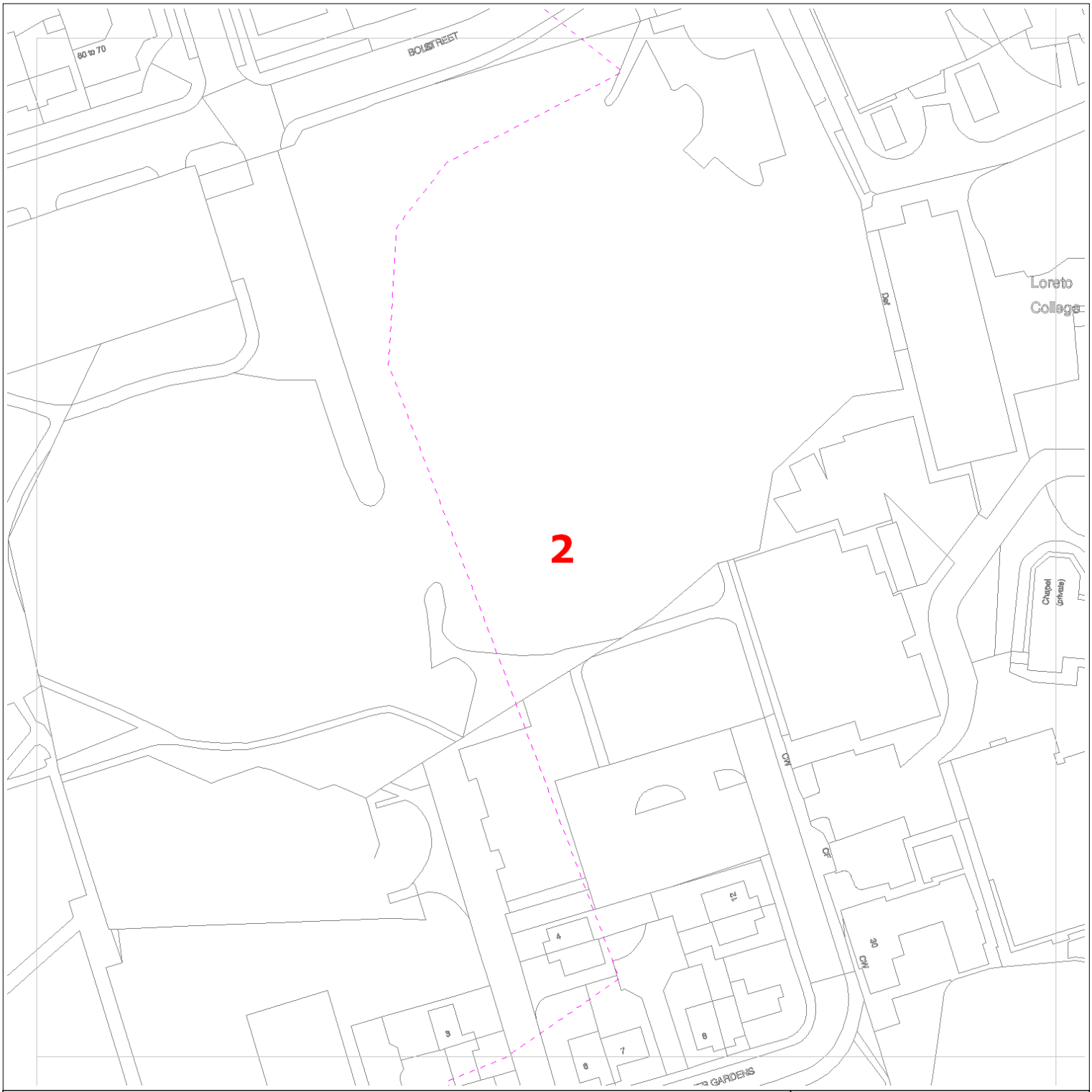

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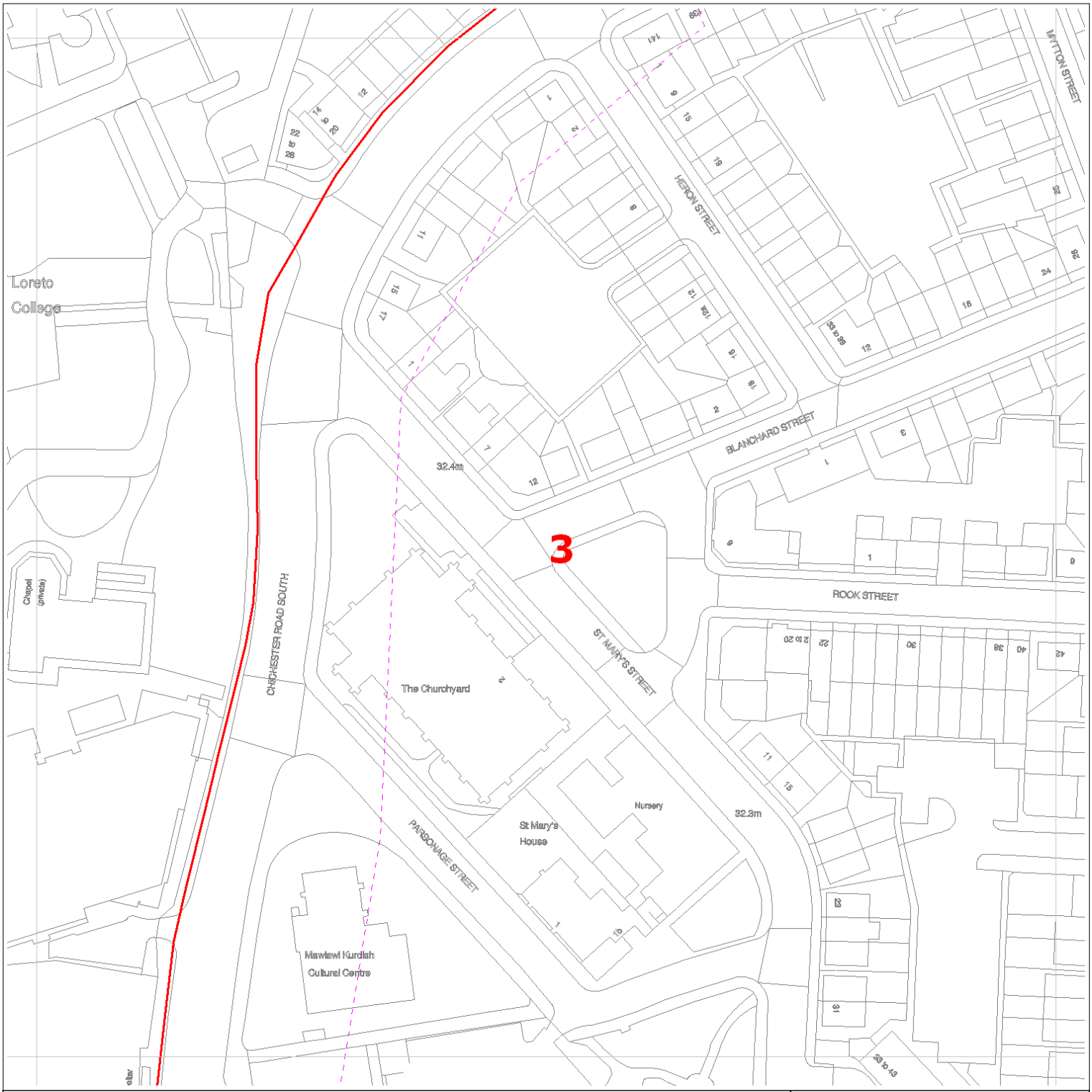

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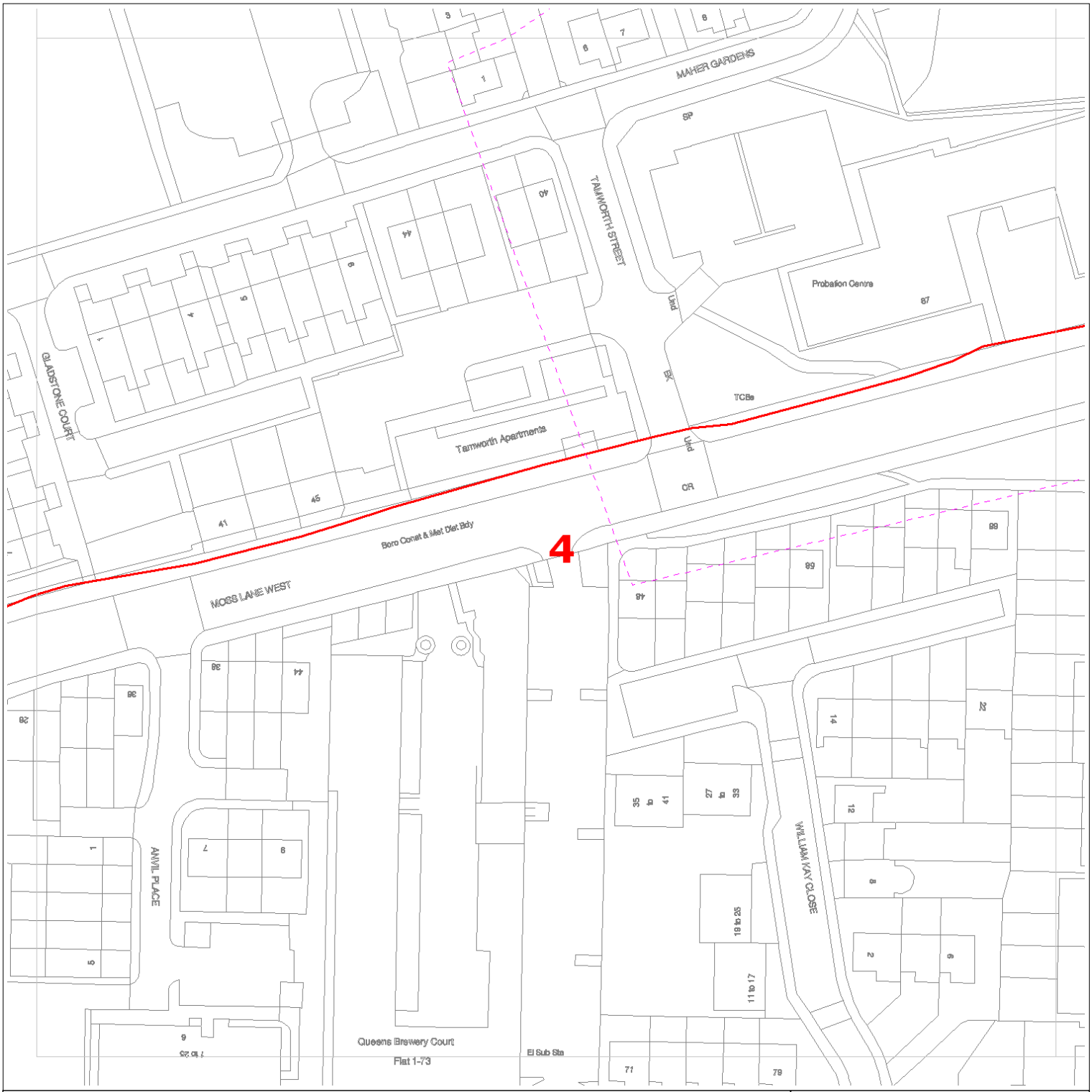

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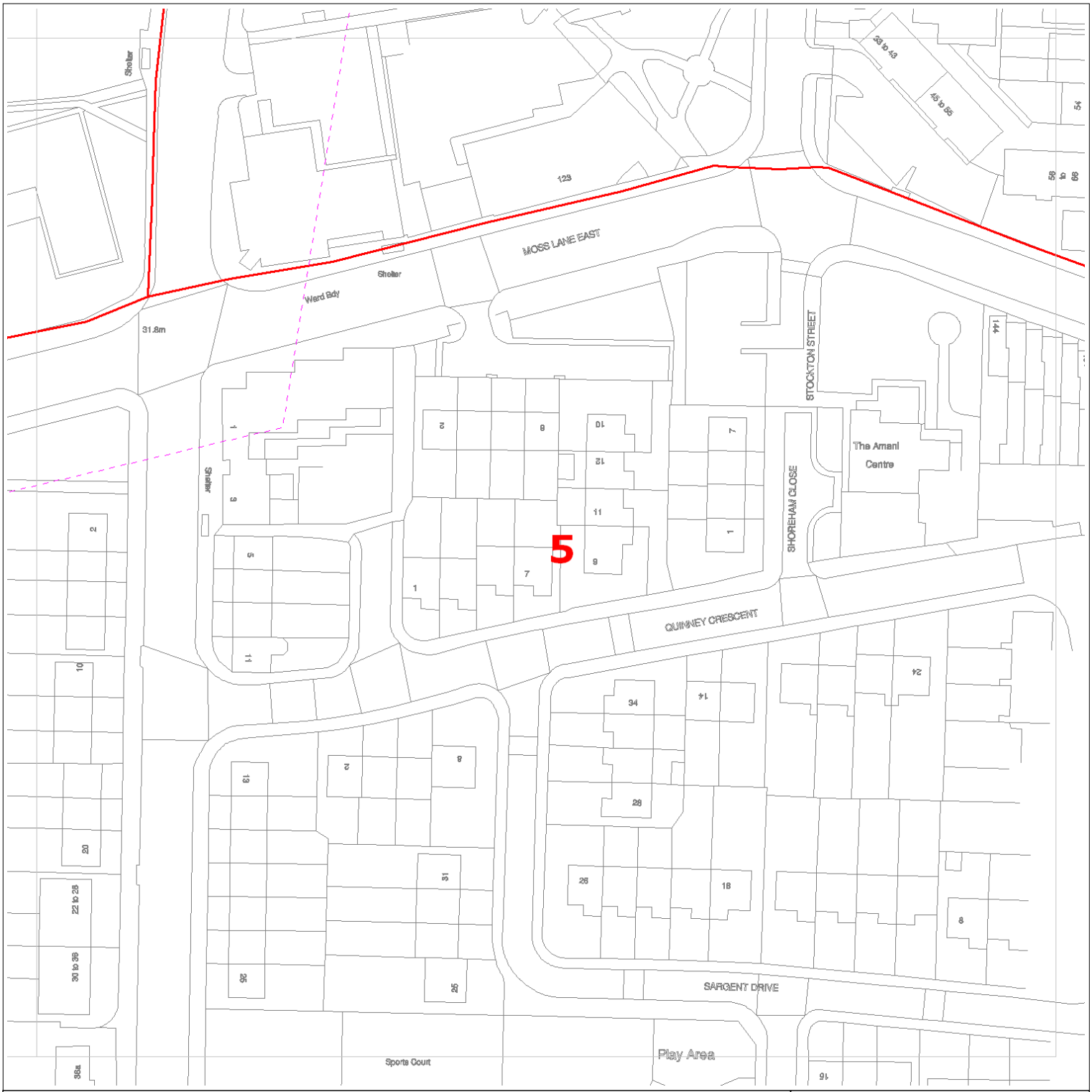

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GUIDE TO CONTRACTORS UNDERTAKING EXCAVATIONS IN THE VICINITY OF ZAYO PLANT

1. Prior to commencing any work or moving heavy plant or equipment over any portion of the site, the Contractor shall confirm details of the location of the Zayo apparatus by contacting and requesting utility drawings from LinesearchbeforeUdig

   All Enquirers should register free of charge for the Zayo plant enquiry service at LinesearchbeforeUdig http://www.linesearchbeforeudig.co.uk/

   Or follow the direct link to register at http://onecall.linesearchbeforeudig.co.uk/RegisterNewUser and start your search there.

   If you have any queries or wish to speak to a member of the JSM Plant Protection Team please call 01992 655 919.

   The accuracy of information on the plans cannot be guaranteed and no liability can be accepted for errors or omissions.

2. Where the utility drawings show that the works or the movement of plant or equipment may endanger the Zayo Apparatus the Contractor must mark out the location of the Zayo Apparatus and ensure the apparatus is adequately protected from damage.

3. The contractor should note that damage to Zayo's Fibre-optic network is extremely disruptive and costly to reinstate. The Contractor shall make every effort to avoid the disturbance of Zayo's apparatus for the completion of the work.

4. When excavating, moving or backfilling around Zayo's apparatus The Contractor should note that the normal depth of cover for Zayo ducts are as follows:

   - Carriageway 600mm
   - Footway 350mm
   - Verge 350mm

5. With regard to excavation in the vicinity of Zayo's apparatus the Contractor should be aware of the possibility of reduced cover and the possibility of encountering Zayo apparatus at depths of cover less than that given above.

6. All excavation adjacent to Zayo apparatus is to be carried out by hand until the exact extent and/or location of the Zayo apparatus is known. Use spades and shovels in preference to other tools.

7. Do NOT use Mechanical borers and/or excavators within 0.5m of Zayo Apparatus.

8. To prevent any movement of Zayo apparatus during excavations, complete shuttering shall be used if:

   - The excavation is deeper than the depth of cover of the adjacent Zayo apparatus.
   - The excavation is within 1.0m of Zayo apparatus in stable ground.
   - The excavation is within 5.0m of Zayo apparatus in unstable ground.

9. If for the completion of the works the Contractor intends using any of the following:

   - Pile driving equipment within 10.0m of Company Apparatus.
   - Explosives within 20.0m of Company Apparatus.

   Then the Contractor shall advise the Zayo Plant Protection Centre giving a minimum 10 working days written notice.

10. All Zayo manhole, joint box and /or other access points and chambers within the site shall be kept clear and unobstructed at all times to allow access by Zayo and /or their Contractor to carryout maintenance on the network. The Contractor should particularly note that footway type jointing chambers are not specified for carriageway loadings and will need to be adequately protected and/or demolished and rebuilt by Zayo where such chambers are likely to be placed at risk, either temporarily or permanently, from the movement of plant and/or equipment on the site.

11. The covers to Zayo chambers and/or apparatus shall only be lifted by means of appropriate manhole keys under the direct supervision of a Zayo Representative. No employee of the Contractor or of any sub-contractor employed by the Contractor shall enter any Zayo chamber and/or apparatus unless under the supervision of a Zayo Representative.

12. In the event of any damage whatsoever to Zayo apparatus, the Contractor shall immediately report the incidence to Zayo by contacting Zayo as follows:

    Telephone: 0800 169 1646 (Zayo 24Hr Network Operations Centre)

Damage to Communications Plant is Expensive – Please Take Care

Please note these basic safety details are explained in detail in the HSE booklet HS(G)47 – Avoiding Danger from Underground Services.

Independent Utilities

Survey Operations Ltd, Smith Street, Skelmersdale, Lancashire WN8 8LN

Tel: +44 (0)1695 725662

Email: mail@survops.co.uk

Searches - Cornerstone Projects Ltd

From: plantenquiryservice@gtc-uk.co.uk
Sent: 06 February 2023 16:03
To: searches@cornerstoneprojects.co.uk
Subject: GTC Plant Enquiry - Ref- 3133089
Attachments: 3133089.png; GU-DPR-IG-0022 Safe working in the vicinity of utility networks.pdf

Flag Status: Flagged

Warning: GTC Apparatus Exists in This Area

Our Plant Enquiry Service Ref: 3133089
Your Enquiry Ref: 23B041

Dear Duncan,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. For your records, the search area is shown in the attached map.

Please click on the links below to download copies of the relevant utility asset drawings locating our assets in the area which you identified. These drawings are grouped by our relevant network reference, should you need to contact us regarding any of our networks please quote this reference. Links to files will remain live for 10 days. If you do not download these files within this period you will need to submit a new enquiry – this will ensure you have an up-to-date copy of our asset records.

PLEASE NOTE: Where drawings are large, these have been provided in smaller segments. A drawing index is provided as the first file listed for each network reference (example of a network reference: N1234567) shown below. This is intended to help you find the drawing relevant to you more quickly. Please take care to ensure that you use the relevant drawings for every network listed below as we may have multiple networks and multiple utilities in this area.

U0001434

Gas

- U0001434-1.png

N0009564

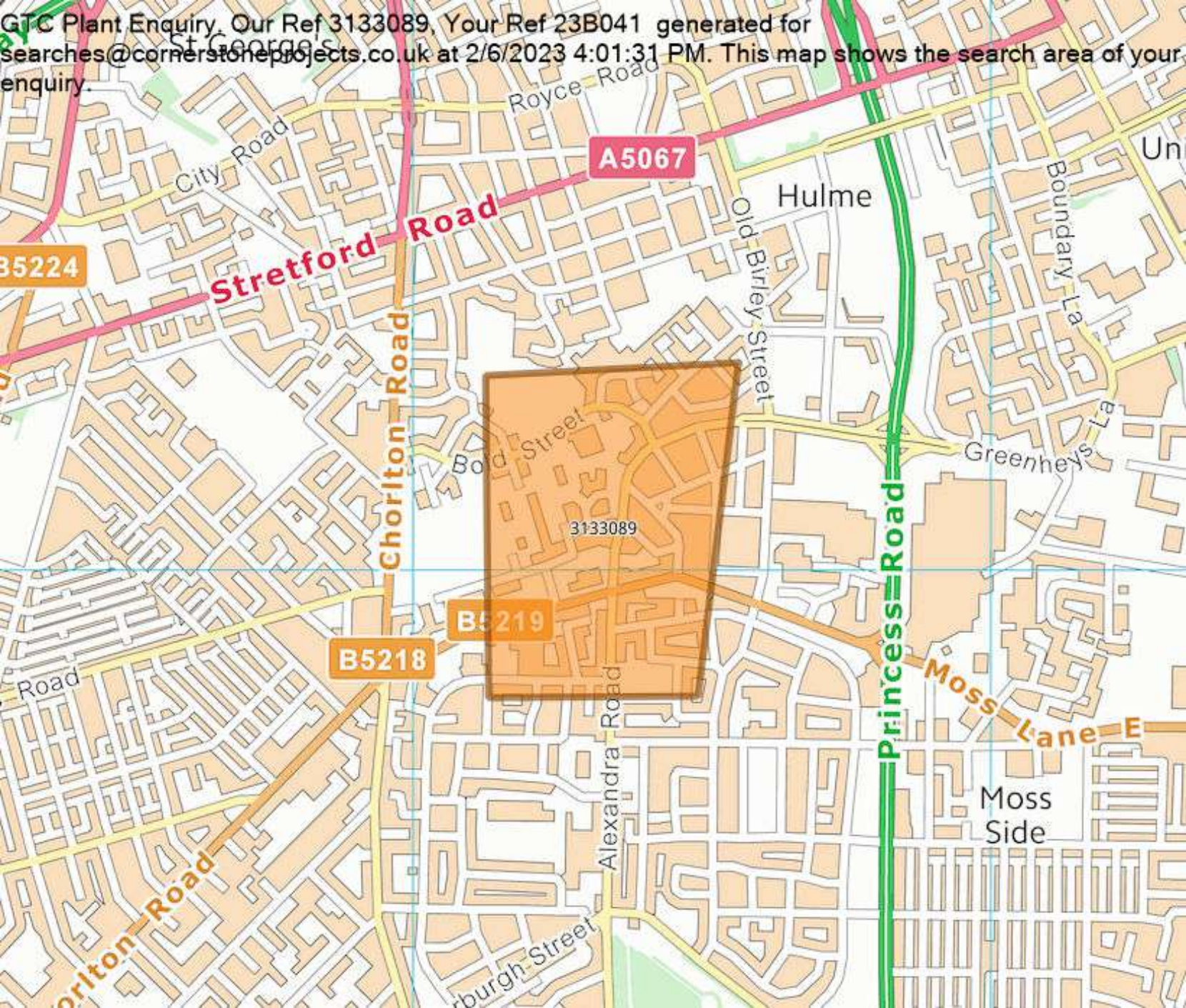
Gas

- N0009564-1_1_of_1.png

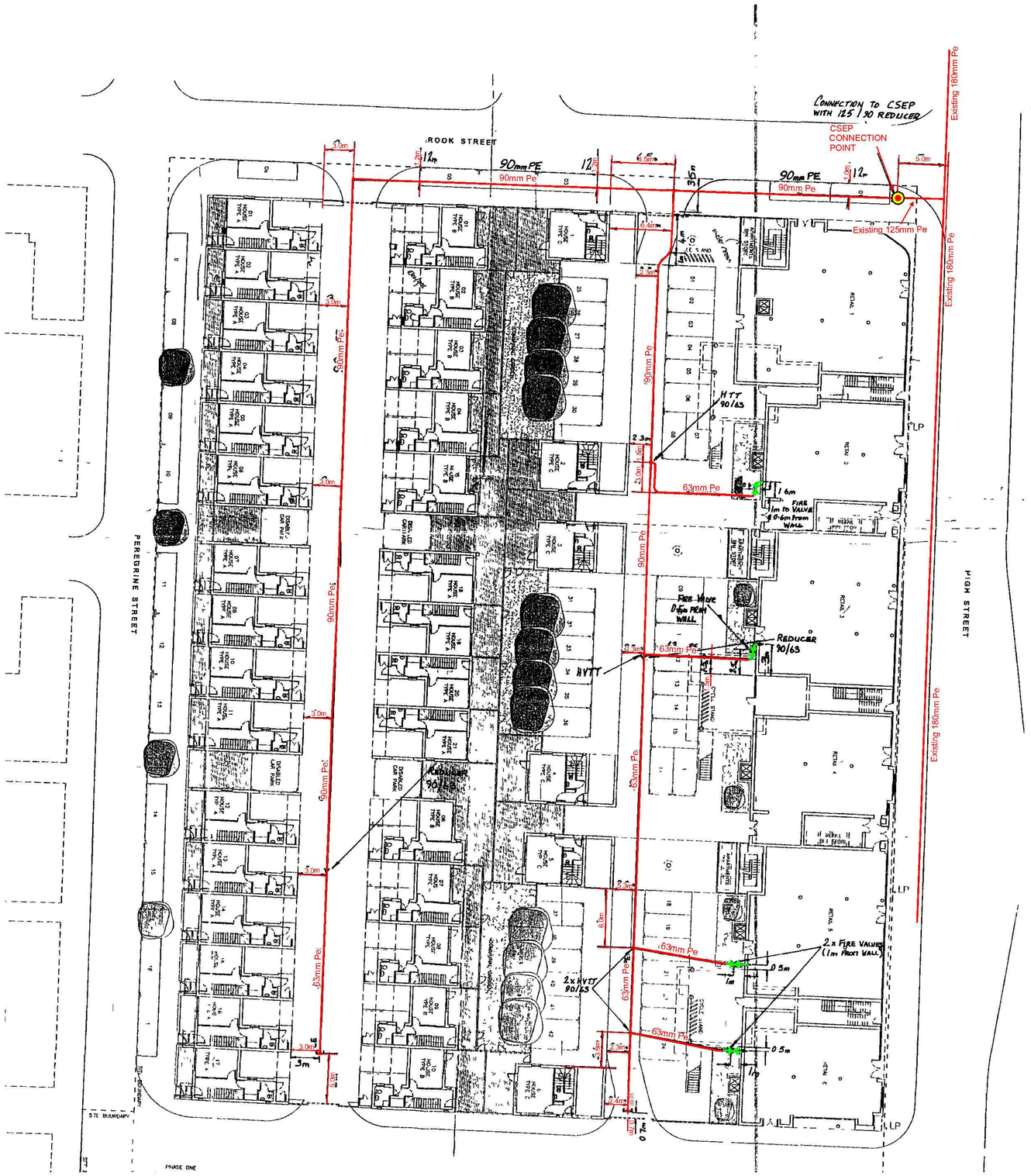
This information is for guidance only and the precise position of the plant must be established, prior to your works, using hand-digging methods only. The contractor will be held responsible for any damage caused to our asset. Please note our assets now include those owned and operated by:

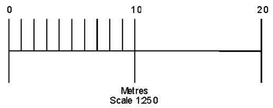
- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited

GTC Plant Enquiry, Our Ref 3133089, Your Ref 23B041 generated for searches@cornerstoneprojects.co.uk at 2/6/2023 4:01:31 PM. This map shows the search area of your enquiry.

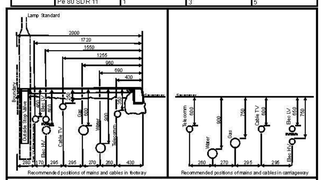


GTC Plant Enquiry. Our Ref 3133089, Your Ref 23B041 generated for searches@cornerstoneprojects.co.uk at 2/6/2023 4:01:56 PM. This drawing is reproduced from our records archive at the time of enquiry.





Minimum Proximity to Properties - Pe Mains				
O.D. (mm)	Material Pe Grade	MOP		
		≤75 mbar	>75 mbar ≤ 2 bar	>2 bar ≤ 4 bar
		Minimum Proximity (m)		
≤ 140	Pe 80 SDR 26	0.25	3	
	Pe 80 SDR 17.6	0.25	3	
	Pe 80 SDR 11	0.25	3	5
150 to 250	Pe 80 SDR 26	1	3	
	Pe 80 SDR 17.6	1	3	
	Pe 80 SDR 11	1	3	5
315	Pe 80 SDR 26	1	3	
	Pe 80 SDR 17.6	1	3	
	Pe 80 SDR 11	1	3	5



All pipe and fittings used on this design are to be in accordance with PL2E, L2E and F7E

Gas network design carried out by: Neal Herbert LEng MIGEM, Engineering Manager
The Gas Transportation Company Ltd, Woolpit Business Park, Bury St. Edmunds, Suffolk, IP30 9UQ
www.gtc-uk.co.uk Tel 01359 240363 Fax 01359 244398 GBS Reg. No.: BIP 2000015/0017/00/E

This plan shows those pipes owned by GTC Pipelines Ltd. Gas pipes owned by other GT's or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from therelevant owners. The information shown on this plan is given without warranty, by the company, it's 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.

Revision	Date	Original Drawing	Details
1	04/09/06		

gtc pipelines limited
Woolpit Business Park, Woolpit
Bury St Edmunds, Suffolk IP30 9UQ
Tel: 01359 244066 Fax: 01359 244046

Services
All services to be ducted. Duct laid by the developer at 450mm cover to the finished level. Road crossings to be separately ducted with their position clearly marked. All duct to be 50mm diameter continuous plastic. Services will be teed wherever possible. Where internal meter positions are required ventilation is to be in compliance with IGE/GM8

Route of ducted service
Service Road Crossing Duct
Service Isolation Valve

Proposed Mains
All mains to be laid in pre excavated trench to 600mm cover, provided by the developer. Road crossings to be continuous plastic duct or drainage pipe sized to accommodate the mains shown on this drawing, at 750mm cover to the finished level.

Low Pressure
Proposed GTC Pipelines Ltd Main
Proposed GTC Pipelines Ltd Main (ducted)
Existing Main

Medium Pressure
Proposed GTC Pipelines Ltd Main
Existing Main

Intermediate Pressure
Proposed GTC Pipelines Ltd Main
Existing Main

IP Connection to other PGT
MP Connection to other PGT
LP Connection to other PGT

Misc
Governor
Valve
Reducer

Duct Sizes

Gas Pipe Outside Diameter	Duct Inside Diameter
20, 25 & 32mm	50mm
63mm	100mm
90mm	150mm
125 & 180mm	225mm
250mm	350mm
315mm	450mm

ANY DEVIATION FROM THESE SIZES IS AT THE DEVELOPERS OWN RISK

Drawing Scale (A1): 1:250 O.S. ref: SJ8396 NW

Network Number: U0001434-1
Project Number:
Date: 04/09/06
Developer: Rosedale Property Developments
Location: Hulme High Street
Hulme, Manchester M15

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