

**Appendix B  
Proposed Site Layout**



FOR PLANNING

| REV | DATE | NOTE | IN |
|-----|------|------|----|
|     |      |      |    |

Project  
 PROPOSED DEVELOPMENT

CAMPUS EAST  
 WELWYN GARDEN CITY

Title  
 PROPOSED SITE LAYOUT  
 ILLUSTRATIVE LAYOUT  
 LEVEL 0

|                             |                       |
|-----------------------------|-----------------------|
| Scale<br>1:200              | Date<br>@ A0 SEP 2022 |
| Drawn<br>AR                 | Checked<br>RC/MB      |
| Drawing Number<br>8375/P201 | Revision<br>A         |

**Appendix C**  
**Line Search Before You Dig (LSBUD)**

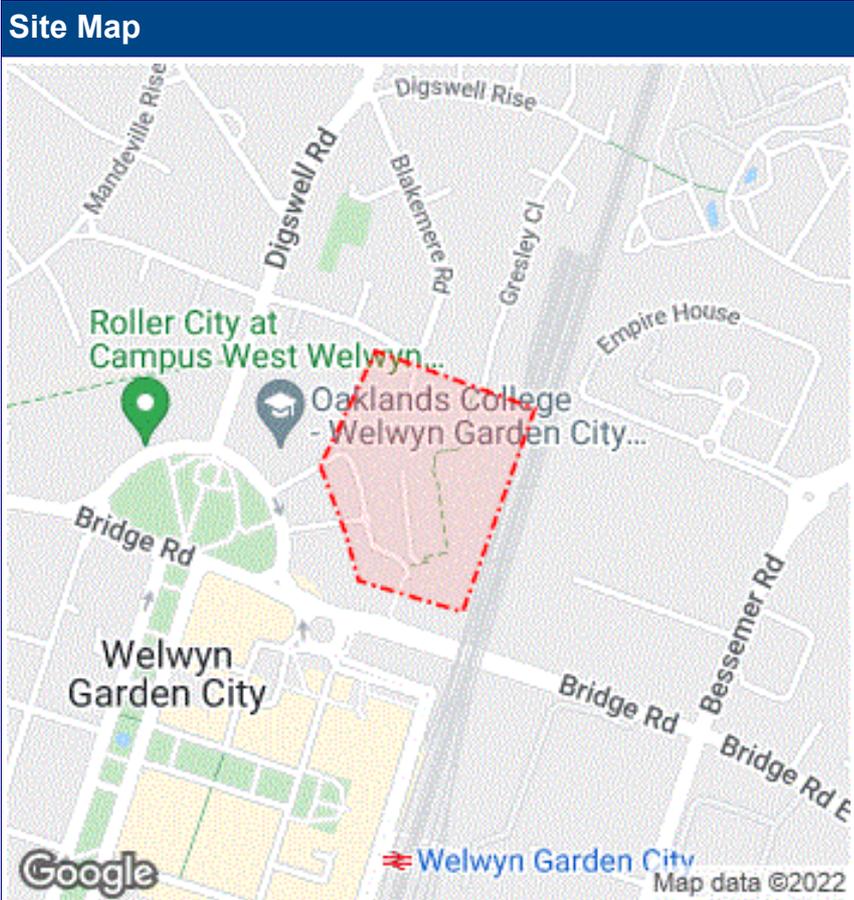
## Enquirer

|         |   |        |              |
|---------|---|--------|--------------|
| Name    | Mr Bruce Wickham  | Phone  | ██████████   |
| Company | Ardent Consulting Engineers   | Mobile | Not Supplied |
| Address | Office 3 The Garage Studios, 41-43 St Marys Gate<br>Nottingham Nottinghamshire<br>NG1 1PU |        |              |
| Email   | ██████████  |        |              |

## Enquiry Details

|                      |  |                   |                      |
|----------------------|--|-------------------|----------------------|
| Scheme/Reference     | 2007511 - Welwyn Garden City Campus East - Stage 2 |                   |                      |
| Enquiry type         | Initial Enquiry                                    | Work category     | Development Projects |
| Start date           | 01/07/2023   | Work type         | Housing              |
| End date             | 01/01/2028   | Site size         | 53821 metres square  |
| Searched location    | XY= 523998, 213297                                 | Work type buffer* | 25 metres            |
| Confirmed location   | 00 52  |                   |                      |
| Site Contact Name    | Not Supplied                                       | Site Phone No     | Not Supplied         |
| Description of Works |  |                   |                      |

\* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.



## Asset Owners

**Terms and Conditions.** Please note that this enquiry is subject always to our standard terms and conditions available at [www.linesearchbeforeudig.co.uk](http://www.linesearchbeforeudig.co.uk) ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

**Notes.** Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

**Validity and search criteria.** The results of this enquiry are based on the confirmed information you entered and are valid only as at the date of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineSearchbeforeUdig accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

**Asset Owners & Responses.** Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
  - a. **These LSBUD Members will either:**
    - i. **Ask for further information ("Email Additional Info" noted in status). The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.**
    - ii. **Respond directly to you ("Await Response"). In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.**
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area. Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.**

**LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.**

### List of affected LSBUD members

| Asset Owner       | Phone/Email | Emergency Only | Status         |
|-------------------|-------------|----------------|----------------|
| Cadent Gas        | 0800688588  | 0800111999     | Await response |
| UK Power Networks | 08000565866 | 08000565866    | Await response |

**LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.**

### List of not affected LSBUD members

|  |  |  |
|--|--|--|
| AWE Pipeline                               | Balfour Beatty Investments Limited           | BOC Limited (A Member of the Linde Group)                              |
| Box Broadband                              | BP Exploration Operating Company Limited     | BPA  |
| Carrington Gas Pipeline                    | CATS Pipeline c/o Wood Group PSN             | Cemex  |
| Centrica Storage Ltd                       | CNG Services Ltd                             | Concept Solutions People Ltd   |
| ConocoPhillips (UK) Teesside Operator Ltd  | D.S.Smith                                    | Diamond Transmission Corporation                                       |
| DIO (MOD Abandoned Pipelines)              | DIO (MOD Live Pipelines)                     | E.ON UK CHP Limited  |
| EirGrid                                    | Electricity North West Limited               | Energy Assets Pipelines  |
| ENI & Himor c/o Penspen Ltd                | EnQuest NNS Limited                          | EP Langage Limited   |
| ESP Utilities Group                        | ESSAR  | Esso Petroleum Company Limited   |
| euNetworks Fiber UK Ltd                    | Exolum Pipeline System                       | Fulcrum Pipelines Limited  |
| Gamma                                      | Gas Networks Ireland (UK)                    | Gateshead Energy Company   |
| Gigaclear Ltd                              | Gtt  | Harbour Energy   |
| Heathrow Airport LTD                       | Humbly Grove Energy                          | IGas Energy  |
| INEOS FPS Pipelines                        | INEOS Manufacturing (Scotland and TSEP)      | INOVYN ChlorVinyls Limited   |
| INOVYN Enterprises Limited                 | Intergen (Coryton Energy or Spalding Energy) | Jurassic Fibre Ltd   |
| Last Mile                                  | Mainline Pipelines Limited                   | Manchester Jetline Limited   |
| Manx Cable Company                         | Marchwood Power Ltd (Gas Pipeline)           | Melbourn Solar Limited   |
| Murphy Utility Assets                      | National Grid Electricity Transmission       | National Grid Gas Transmission   |
| Neos Networks                              | Northumbrian Water Group                     | NPower CHP Pipelines   |
| NTT Global Data Centers EMEA UK Ltd        | NYnet Ltd                                    | Oikos Storage Limited  |
| Ørsted                                     | Palm Paper Ltd                               | Perenco UK Limited (Purbeck Southampton Pipeline)                      |
| Petroineos                                 | Phillips 66                                  | Portsmouth Water   |
| Premier Transmission Ltd (SNIP)            | Redundant Pipelines - LPDA                   | RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station) |
| RWEnpower (Little Barford and South Haven) | SABIC UK Petrochemicals                      | SAS Utility Services Ltd   |
| Scottish and Southern Electricity Networks | Scottish Power Generation                    | Seabank Power Ltd  |
| SES Water                                  | SGN  | Shell  |
| Shell NOP                                  | SP Energy Networks                           | Squire Energy Networks   |
| SSE Generation Ltd                         | SSE Transmission                             | SSE Utility Solutions Limited  |
| Tata Communications (c/o JSM Construction  |  |  |

|                            |                           |   |
|----------------------------|---------------------------|---|
| Ltd)                       | Total Colnbrook Pipelines | Total Finaline Pipelines                        |
| Transmission Capital       | Uniper UK Ltd             | University of Cambridge Granta Backbone Network |
| Vattenfall                 | Veolia ES SELCHP Limited  | Veolia ES Sheffield Ltd                         |
| VPI Power Limited          | Wales and West Utilities  | West of Duddon Sands Transmission Ltd           |
| Western Power Distribution | Westminster City Council  | Zayo Group UK Ltd c/o JSM Group Ltd             |

The following Non-LSBUD Members may have assets in your search area. It is **YOUR RESPONSIBILITY** to contact them before proceeding. Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.

| Non-LSBUD members (Asset owners not registered on LSBUD) |   |               |              |
|--|---|---------------|--------------|
| Asset Owner  | Preferred contact method  | Phone         | Status       |
| Affinity Water   | maps@affinitywater.co.uk  | 03453572428   | Not Notified |
| BT   | <a href="https://www.swns.bt.com/pls/mbe/welcome.home">https://www.swns.bt.com/pls/mbe/welcome.home</a> | 08000232023   | Not Notified |
| CityFibre  | asset.team@cityfibre.com  | 033 3150 7282 | Not Notified |
| Colt   | plantenquiries@catelecomuk.com  | 01227768427   | Not Notified |
| ENGIE  | nrswa.uk@engie.com  | 0800 130 3600 | Not Notified |
| GTC  | <a href="https://pe.gtc-uk.co.uk/PlantEnqMembership">https://pe.gtc-uk.co.uk/PlantEnqMembership</a>     | 01359240363   | Not Notified |
| Hertfordshire County Council                             | highway_structures@hertfordshire.gov.uk   | 01992556121   | Not Notified |
| Lumen Technologies                                       | plantenquiries@instalcom.co.uk  | 02087314613   | Not Notified |
| Mobile Broadband Network Limited                         | mbnl.plant.enquiries@turntown.com   | 01212 621 100 | Not Notified |
| Sky UK Limited   | nrswa@sky.uk  | 02070323234   | Not Notified |
| Sota   | SOTA.plantenquiries@instalcom.co.uk   |               | Not Notified |
| Thames Water   | <a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>   | 08450709145   | Not Notified |
| Utility assets Ltd                                       | assetrecords@utilityassets.co.uk  |               | Not Notified |
| Verizon Business   | osp-team@uk.verizonbusiness.com   | 01293611736   | Not Notified |
| Virgin Media   | <a href="http://www.digdat.co.uk">http://www.digdat.co.uk</a>   | 08708883116   | Not Notified |
| Vodafone   | osm.enquiries@atkinsglobal.com  | 01454662881   | Not Notified |

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**Appendix D**  
**Non-Affected Members of LSBUD**



bitmap\_layout select\_raster

# LEGEND

- EXISTING PLANT
- EXISTING PLANT

bitmap\_layout select\_raster

|  |   |
|--|---|
| <p><b>Head Office</b><br/>         CityFibre Holdings Ltd<br/>         15 Bedford Street,<br/>         London,<br/>         WC2E 9HE</p> <p>Tel: 0845 293 0774<br/>         Web: www.cityfibre.com</p> | <p><b>Asset Office</b><br/>         CityFibre Holdings Ltd,<br/>         Rutherford House,<br/>         Birchwood,<br/>         Warrington,<br/>         WA3 6ZH</p> <p>Email: asset.team@cityfibre.com</p> |
|--|---|

**Disclaimer:**

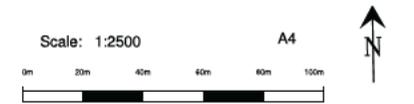
Information shown on this plan is for general guidance only. No warranty is made as to its accuracy. This plan must not be solely relied upon in the event of excavation or other works being carried out in the vicinity of Cityfibre plant. No liability of any kind is accepted by Cityfibre, its agents or servants for any error, omission, discrepancy or deviation. This information is valid for the date printed.

**Project**  
 Plant Enquiry

**Drawing**  
 Existing Plant

**Drawn by:**  
 smallworld Date: 20/04/2022

|                    |                 |
|--------------------|-----------------|
| <b>Drawing No.</b> | <b>Revision</b> |
| CFH_EP_000001      | 001             |



## Bruce Wickham

---

**From:** Plantenquiries - CA Telecom <plantenquiries@catelecomuk.com>  
**Sent:** 27 April 2022 09:11  
**To:** Bruce Wickham  
**Subject:** RE: 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.

**Please Note: Our search criteria has changed. We previously searched for Colt Network which was within 200 metres, this has now changed to 50 metres. The negative response will be for all enquiries that the network is 50 metres or more away from the place of enquiry.**

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

We can confirm that Colt Technology Services do not have apparatus near the above location as presented on your submitted plan, if any development or scheme amendments fall outside the 50 metre perimeter new plans must be submitted for review.

Search is based on Overseeing Organisation Agent data supplied; we do not accept responsibility for O.O. Agent inaccurate data.

If we can be of any further assistance please do not hesitate to contact us.

Kind regards,

**Plant Enquiry Team**

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---

**From:** Bruce Wickham [REDACTED]  
**Sent:** 20 April 2022 12:39  
**To:** 'plantenquiries@instalcom.co.uk' <plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; Plantenquiries - CA Telecom <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; 'kpn.plantenquiries@instalcom.co.uk' <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; 'SOTA.plantenquiries@instalcom.co.uk' <SOTA.plantenquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk  
**Cc:** Edward Fambely [REDACTED]  
**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer



An Employee Owned Company

Infrastructure | Transport Planning | Flood Risk | Acoustics | Air Quality

T | [REDACTED]  
Office 3 | The Garage Studios | 41-43 St Mary's Gate | The Lace Market | Nottingham NG1 1PU

London | Essex | Kent | **Midlands** | South West | Suffolk



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## Angus Wong

---

**From:** nrswa.uk@equans.com  
**Sent:** 04 August 2022 17:07  
**To:** Bruce Wickham  
**Subject:** RE: 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.

*To whom it may concern*

*With regard to your request for details of existing services in the specified area;*

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

*We can confirm that, based on the details provided to us, we have no buried plant or equipment in the identified area.*

Kind regards



**NRSWA**

Urban Energy

**UK & IRELAND**

---

**From:** Bruce Wickham [REDACTED]  
**Sent:** 20 April 2022 12:39  
**To:** 'plantenquiries@instalcom.co.uk' <plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; 'kpn.plantenquiries@instalcom.co.uk' <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; 'SOTA.plantenquiries@instalcom.co.uk' <SOTA.plantenquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk  
**Cc:** Edward Fambely <efambely@ardent-ce.co.uk>  
**Subject:** ↔ ⚠ 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer



An Employee Owned Company  
Infrastructure | Transport Planning | Flood Risk | Acoustics | Air Quality

T | [REDACTED]  
Office 3 | The Garage Studios | 41-43 St Mary's Gate | The Lace Market | Nottingham NG1 1PU

London | Essex | Kent | **Midlands** | South West | Suffolk

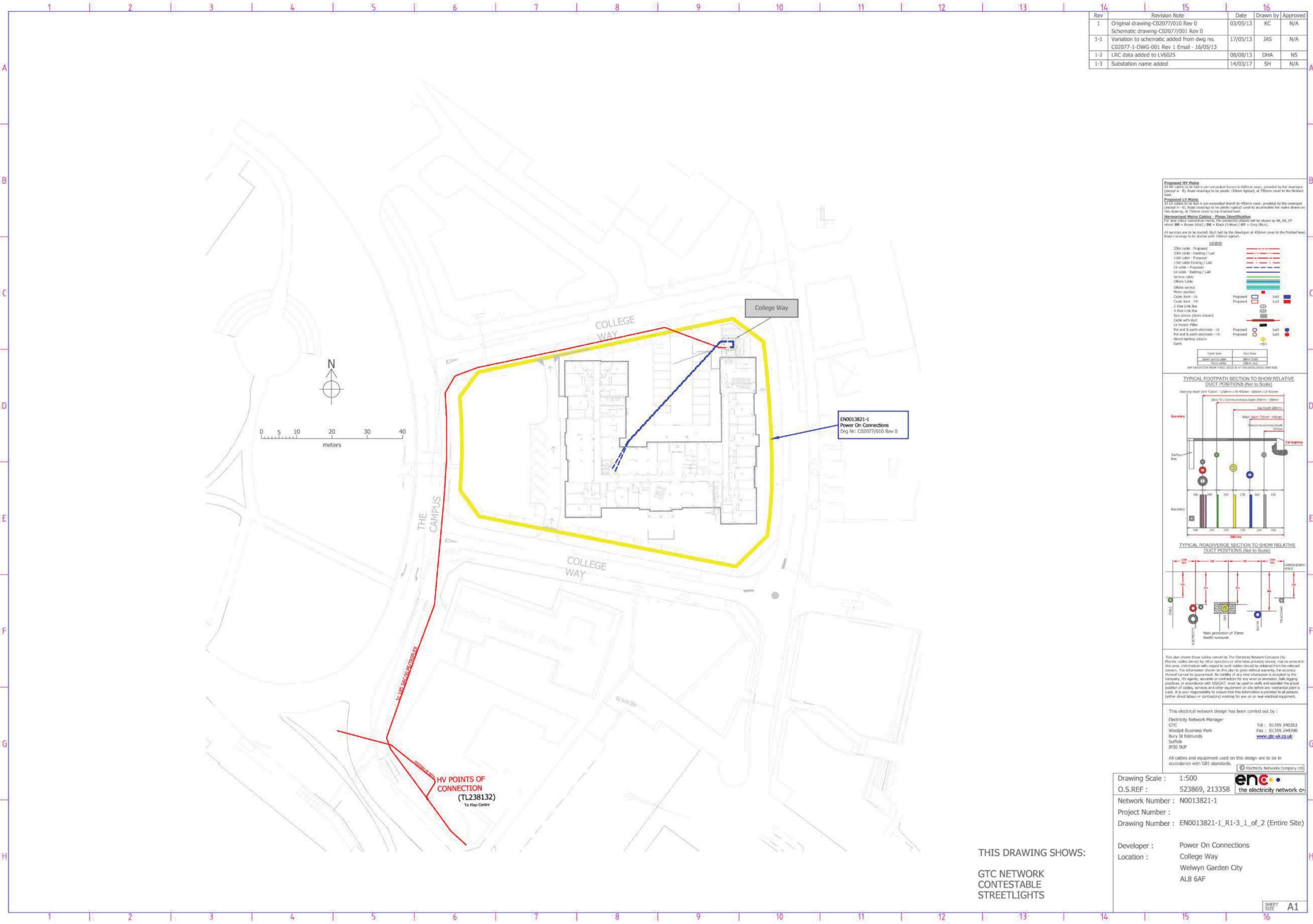


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| Rev | Revision Note   | Date     | Drawn by | Approved |
|-----|---|----------|----------|----------|
| 1   | Original drawing-C02077/010 Rev 0<br>Schematic drawing-C02077/001 Rev 0           | 03/05/13 | KC       | N/A      |
| 1-1 | Variation to schematic added from dwg no. C02077-1-DWG-001 Rev 1 Email - 16/05/13 | 17/05/13 | JAS      | N/A      |
| 1-2 | LRC data added to LV6025  | 08/08/13 | DHA      | NS       |
| 1-3 | Substation name added   | 14/03/17 | SH       | N/A      |



**Proposed MV Main**  
All MV cables to be laid in pre-encased trench to 400mm cover, provided by the developer (except A - B). Road crossings to be plastic roadcut used, at 750mm cover to the finished level.

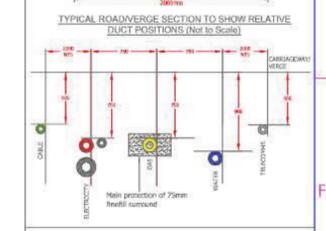
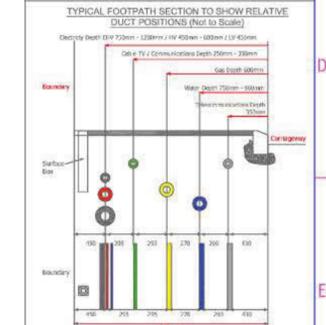
**Proposed LV Main**  
All LV cables to be laid in pre-encased trench to 400mm cover, provided by the developer (except A - D). Road crossings to be plastic roadcut used to accommodate the mains shown on the drawings, at 750mm cover to the finished level.

**Harmonized Mains Catalog - Phase Identification**  
For site colour coding with mains, the conductor phases will be shown as R, Y, B, GY (Earth).  
All services are to be ducted. Duct laid by the developer at 400mm cover to the finished level. Road crossings to be ducted with 150mm rigidcast.

**LEGEND**

|                              |     |
|------------------------------|-----|
| 33kV cable - Proposed        | --- |
| 33kV cable - Existing / Laid | --- |
| 11kV cable - Proposed        | --- |
| 11kV cable Existing / Laid   | --- |
| LV cable - Proposed          | --- |
| LV cable - Existing / Laid   | --- |
| Service cable                | --- |
| Off-site cable               | --- |
| Off-site service             | --- |
| Meter position               | ○   |
| Cable joint - LV             | □   |
| Cable joint - HV             | □   |
| 2 Way LV Box                 | □   |
| 4 Way LV Box                 | □   |
| Non-ductable (plans shown)   | --- |
| Cable with duct              | --- |
| LV ducted pillar             | ○   |
| Pot and earth electrode - LV | ○   |
| Pot and earth electrode - HV | ○   |
| Street lighting column       | ○   |
| Earth                        | --- |

Cable Size: Over Size  
Duct Size: Over Size  
Proprietary  
ANY DEVIATION FROM THESE SIZES IS AT THE DEVELOPER'S OWN RISK.



This plan shows those cables owned by The Electricity Network Company Ltd. Electric cables owned by other operators or otherwise privately owned, may be present in this area. Information with regard to such cables should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. No liability of any kind whatsoever is accepted by the company, its agents, servants or contractors for any error or omission. Safe digging positions, in accordance with HSE07, must be used to verify and establish the actual position of cables, services and other equipment on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (other than those on the drawings) working for you on or near electrical equipment.

This electrical network design has been carried out by:  
Electricity Network Manager  
GTC  
Woodall Business Park  
Bury St Edmunds  
Suffolk  
IP30 9UP

Tel : 01359 240363  
Fax : 01359 244398  
[www.gtc-uk.co.uk](http://www.gtc-uk.co.uk)

All cables and equipment used on this design are to be in accordance with GB standards.

Drawing Scale : 1:500  
O.S.REF : 523869, 213358  
Network Number : N0013821-1  
Project Number :  
Drawing Number : EN0013821-1\_R1-3\_1\_of\_2 (Entire Site)

Developer : Power On Connections  
Location : College Way  
Welwyn Garden City  
AL8 6AF

encl  
the electricity network co

SHEET SIZE A1

THIS DRAWING SHOWS:  
GTC NETWORK  
CONTESTABLE  
STREETLIGHTS

## Bruce Wickham

---

**From:** Nick Sadowsky [REDACTED] on behalf of Highway Structures <Highway.Structures@hertfordshire.gov.uk>  
**Sent:** 30 November 2020 18:14  
**To:** Bruce Wickham  
**Subject:** RE: 2007510 - Welwyn Garden City, Campus East - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.

### NO RESPONSE

Hello Bruce,

Thank you for your plant enquiry Ref: 2007510. We can confirm there are **No** HCC structures, either owned or maintained by HCC located in the vicinity of your intended works.

HCC Structures can be contacted directly by email at [highway.structures@hertfordshire.gov.uk](mailto:highway.structures@hertfordshire.gov.uk) if you require any further information.

Regards,



**Nick Sadowsky**  
**Technician | Bridges and Structures | Environment & Infrastructure**  
**Hertfordshire County Council**  
County Hall, Pegs Lane, Hertford, SG13 8DE, Postal Point: CHN115  
**Telephone:** [REDACTED] **Mobile:** [REDACTED]  
**Email:** [REDACTED]



---

**From:** Bruce Wickham [REDACTED]

**Sent:** 23 November 2020 12:55

**To:** plantenquiries@instalcom.co.uk; asset.team@cityfibre.com; plantenquiries@catelecomuk.com; plantenquiries@lastmile-uk.com; nrswa.uk@engie.com; kpn.plantenquiries@instalcom.co.uk; mbnlplantenquiries@turntown.com; nrswa@sky.uk; SOTA.plantenquiries@instalcom.co.uk; assetrecords@utilityassets.co.uk; osp-team@uk.verizonbusiness.com; osm.enquiries@atkinsglobal.com; plantprotection@cadentgas.com; enquiries@utilityassets.co.uk; Highway Structures <Highway.Structures@hertfordshire.gov.uk>

**Cc:** Peter Sparham <psparham@ardent-ce.co.uk>

**Subject:** 2007510 - Welwyn Garden City, Campus East - non-LSBUD members enquiry

### NS Review

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6UN.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6UN ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact my or Peter Sparham (cc'd).

Kind Regards,

**Bruce Wickham**

Assistant Engineer

**ARDENT**  
CONSULTING ENGINEERS

Office 3, The Garage Studios, 41-43 St Mary's Gate, The Lace Market, Nottingham, NG1 1PU

T 0115 697 0940

[www.ardent-ce.co.uk](http://www.ardent-ce.co.uk)



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## Bruce Wickham

---

**From:** Plantenquiries <Plantenquiries@instalcom.co.uk>  
**Sent:** 25 April 2022 14:36  
**To:** Bruce Wickham  
**Subject:** RE: E04-22-4550 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that Lumen Technologies (formerly CenturyLink Communications UK Limited, Level 3, Global Crossing (Uk) Ltd, Global Crossing PEC, Fibernet UK Ltd and Fibrespan Ltd) do not have any apparatus within the indicated works area.

Instalcom responds to plant enquiries for all of the above and therefore you only need send one plant enquiry to cover all of these companies.

**Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.**

Regards

Plant Enquiries Dept  
Instalcom Limited  
Borehamwood Ind. Park  
Rowley Lane  
Borehamwood  
WD6 5PZ

Office: +44 (0)208 731 4613  
Fax: +44 (0)208 731 4601  
Email: [plantenquiries@instalcom.co.uk](mailto:plantenquiries@instalcom.co.uk)

Web: <http://www.instalcom.co.uk>



---

**From:** Bruce Wickham [REDACTED]

**Sent:** 20 April 2022 12:39

**To:** Plantenquiries <Plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; KPN Plant Enquiries <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; SOTA Plant Enquiries <SOTA.PlantEnquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk

**Cc:** Edward Fambely [REDACTED]

**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer

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## Bruce Wickham

---

**From:** MBNLplantenquiries <mbnl.plant.enquiries@turntown.com>  
**Sent:** 20 April 2022 15:31  
**To:** Bruce Wickham  
**Subject:** RE: 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

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Confidential - External

Dear Sir/Madam

Turner & Townsend Project Management are appointed on behalf of MBNL to conduct Plant (apparatus) Searches in accordance with the relevant NRSWA Act 1991-Diversionary Works legislation. These searches considered plant belonging to EE (T-Mobile and Orange sites) and the HG3 mobile telecommunication networks.

MBNL do not have any plant that would be affected by the proposed work. Should you have any further queries please use the contact details below.

Thank you,

Kind regards,

MBNLSHQE

**Turner & Townsend Advisory**

t: 0121 262 3663 | [www.turnerandtowntsend.com](http://www.turnerandtowntsend.com)

Turner & Townsend Europe Limited

Registered office: Low Hall, Calverley Lane, Horsforth, Leeds LS18 4GH, United Kingdom | Registered in England and Wales | Registration No: 3514794

**From:** Bruce Wickham [REDACTED]

**Sent:** 20 April 2022 12:39

**To:** 'plantenquiries@instalcom.co.uk' <plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; 'kpn.plantenquiries@instalcom.co.uk' <kpn.plantenquiries@instalcom.co.uk>; MBNLplantenquiries <mbnl.plant.enquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; 'SOTA.plantenquiries@instalcom.co.uk' <SOTA.plantenquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk

**Cc:** Edward Fambely [REDACTED]

**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

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Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer

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T [REDACTED] [REDACTED]  
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## Bruce Wickham

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**From:** NRSWA <nrswa.nrswa@sky.uk>  
**Sent:** 20 April 2022 16:33  
**To:** Bruce Wickham  
**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.



Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will not be affected by your proposal.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us by email at [nrswa@sky.uk](mailto:nrswa@sky.uk).

Regards



NRSWA Department  
Sky UK - Technology - Operations

 [nrswa@sky.uk](mailto:nrswa@sky.uk)  +44 2070323234

---

**From:** Bruce Wickham [REDACTED]

**Sent:** 20 April 2022 12:39

**To:** 'plantenquiries@instalcom.co.uk' <plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; 'kpn.plantenquiries@instalcom.co.uk' <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; NRSWA <nrswa.nrswa@sky.uk>; 'SOTA.plantenquiries@instalcom.co.uk' <SOTA.plantenquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk

**Cc:** Edward Fambely [REDACTED]

**Subject:** [EXTERNAL] 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**

Engineer



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## Angus Wong

---

**From:** SOTA Plant Enquiries <SOTA.PlantEnquiries@instalcom.co.uk>  
**Sent:** 26 April 2022 14:21  
**To:** Bruce Wickham  
**Subject:** RE: S04-22- 2052 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL:** Do not click any links or open any attachments unless you trust the sender and know the content is safe.



Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that SOTA do not have any apparatus within the immediate proximity of your proposed works.

If you require any further information, please do not hesitate to contact us.

**Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.**

Regards

Plant Enquiries Dept.  
Instalcom Limited  
Borehamwood Ind. Park  
Rowley Lane  
Borehamwood  
WD6 5PZ

Office: +44 (0)208 731 4613  
Fax: +44 (0)208 731 4601  
Email: [sota.plantenquiries@instalcom.co.uk](mailto:sota.plantenquiries@instalcom.co.uk)  
Web: <http://www.instalcom.co.uk>



**From:** Bruce Wickham [REDACTED]  
**Sent:** 20 April 2022 12:39  
**To:** Plantenquiries <Plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; KPN Plant Enquiries <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; SOTA Plant Enquiries <SOTA.PlantEnquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; 'osp-team@uk.verizonbusiness.com' <osp-team@uk.verizonbusiness.com>; 'osm.enquiries@atkinsglobal.com' <osm.enquiries@atkinsglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk  
**Cc:** Edward Fambely [REDACTED]  
**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer

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## Angus Wong

---

**From:** assetrecords@utilityassets.co.uk  
**Sent:** 23 November 2020 12:55  
**To:** Bruce Wickham  
**Subject:** Re: 2007510 - Welwyn Garden City, Campus East - non-LSBUD members enquiry

EXTERNAL EMAIL: Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Thank you for recently contacting Utility Assets plant record department. We will check whether we have any plant present at your site and contact you within 5 - 7 working days ONLY if we own any plant in the vicinity.

If we do not reply, we do not have any apparatus in the area of your works. However, PLEASE TAKE CARE when excavating around electricity cables in the event that not all cables present may be accurately shown. We recommend you use detecting equipment to map the site before excavating and fully comply with HSG47. DO NOT assume that a cable is dead if you don't have a record of its presence. The cable must be treated as live unless PROVEN DEAD by the cable owner. In case of emergency please contact your local electricity distribution company.

This is an automated reply from our dedicated asset records email address. If you receive further correspondence from us it will be from asset.manager@utilityassets.co.uk quoting a site reference number.

Asset Manager - Utility Assets Ltd

## Angus Wong

---

**From:** UK OSP-Team <osp-team@intl.verizon.com>  
**Sent:** 25 April 2022 12:30  
**To:** Bruce Wickham  
**Cc:** UK OSP-Team  
**Subject:** RE: 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

**EXTERNAL EMAIL: Do not click any links or open any attachments unless you trust the sender and know the content is safe.**

Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer (GB) Email [osp-team@uk.verizon.com](mailto:osp-team@uk.verizon.com)

---

**From:** Bruce Wickham [REDACTED]  
**Sent:** 20 April 2022 12:39  
**To:** 'plantenquiries@instalcom.co.uk' <plantenquiries@instalcom.co.uk>; 'asset.team@cityfibre.com' <asset.team@cityfibre.com>; 'plantenquiries@catelecomuk.com' <plantenquiries@catelecomuk.com>; 'plantenquiries@lastmile-uk.com' <plantenquiries@lastmile-uk.com>; 'nrswa.uk@engie.com' <nrswa.uk@engie.com>; 'kpn.plantenquiries@instalcom.co.uk' <kpn.plantenquiries@instalcom.co.uk>; 'mbnlplantenquiries@turntown.com' <mbnlplantenquiries@turntown.com>; 'nrswa@sky.uk' <nrswa@sky.uk>; 'SOTA.plantenquiries@instalcom.co.uk' <SOTA.plantenquiries@instalcom.co.uk>; 'assetrecords@utilityassets.co.uk' <assetrecords@utilityassets.co.uk>; UK OSP-Team <osp-team@intl.verizon.com>; 'osm.enquiries@atkinglobal.com' <osm.enquiries@atkinglobal.com>; 'enquiries@utilityassets.co.uk' <enquiries@utilityassets.co.uk>; 'highway.structures@hertfordshire.gov.uk' <highway.structures@hertfordshire.gov.uk>; maps@affinitywater.co.uk  
**Cc:** Edward Fambely [REDACTED]  
**Subject:** 2007511 - Welwyn Garden City Campus East - Stage 2 - non-LSBUD members enquiry

Dear Sir/Madam,

**Re: Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB.**

Ardent Consulting Engineers have been commissioned by our client to provide engineering advice relating to a development Site at Welwyn Garden City North campus East car park, Hertfordshire, AL8 6AB ('Site Location Plan' attached). The Site is located at approximate grid co-ordinates Easting 523981, Northing 213298.

As part of this process, we would be grateful if you can provide us with the following:

- A copy of a plan(s) showing any assets you may have in the Site area; OR
- Confirmation that you do not have any assets in the Site and surrounding road network.

We trust the above and attached information is sufficient for your purposes at this stage and look forward to hearing from you in due course. Should you require any further clarification, please do not hesitate to contact me or Edward Fambely (cc'd).

Kind Regards,

**Bruce Wickham**  
Engineer



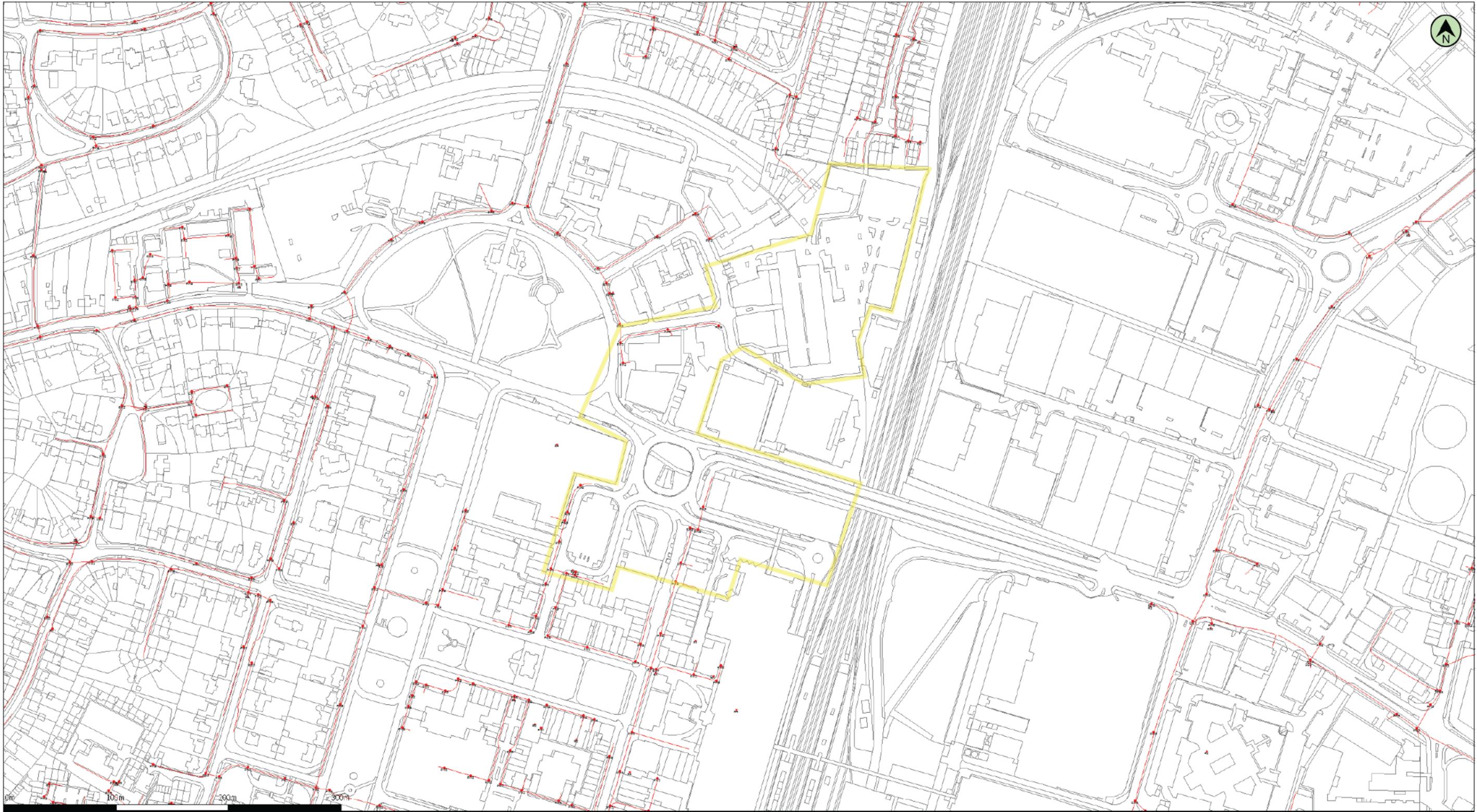
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Infrastructure | Transport Planning | Flood Risk | Acoustics | Air Quality

T [REDACTED]  
Office 3 | The Garage Studios | 41-43 St Mary's Gate | The Lace Market | Nottingham NG1 1PU

London | Essex | Kent | **Midlands** | South West | Suffolk

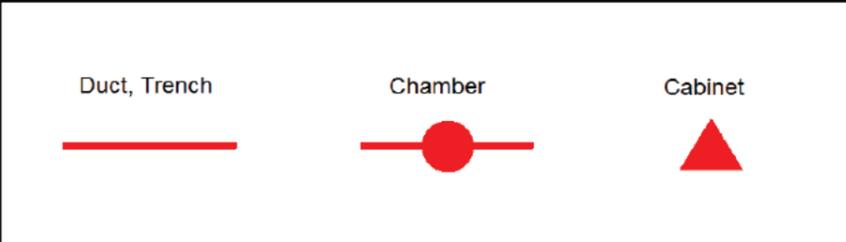


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**Important Information - please read** The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus 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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### Legend

- Underground Route.Route Act. - Leased
- Underground Route.Route Act. - Third Party



Vodafone Limited (No01471587) registered office is at Vodafone House, The Connection, Newbury, Berkshire, RG142FN

Plot Date : 07/10/2022      Scale : 1:1250

This plan shows apparatus owned by members of the Vodafone Group of companies (including legacy telecommunication companies currently within the group)

Information with regard to such apparatus should always be obtained from Vodafone or its appointed agents.

