70118838-UT-001-P01
Kwik-Fit, Shoreham – Utilities Statement

DATE:	15 November 2024	**CONFIDENTIALITY:**	Public
SUBJECT:	Utilities Statement		
PROJECT:	Kwik-Fit, Shoreham	**AUTHOR:**	Dan Clouter
CHECKED:	George Gullon	**APPROVED:**	Luke Beeching

INTRODUCTION

WSP has been appointed by Blenheim Estates in relation to the proposed development at the existing Kwik-Fit site located 37-41 Brighton Road, Shoreham. WSP has been instructed to review the existing utilities present at the site and to identify any potential constraints caused by existing utilities (excluding any related to supply) and advise on potential impacts to the proposed development layout.

Utility records were obtained in October 2024, however, no enquiries have been made with statutory utility providers, with the exception of enquiries with the Health and Safety Executive (HSE) and information obtained from Linesearch Before U Dig (LSBUD).

A site location plan, including the development proposals, is contained in Appendix A and has been used as the basis for this Report.

LIMITATIONS

The utility records that have been provided by third parties have not been independently verified. Their accuracy is normally considered suitable for outline master-planning, but where utilities may be affected by the development, their exact location should be determined before detailed design or construction. The Combined Utility Record Plans are included within Appendix B.

It should be noted that the existing utility networks may have works carried out by the utility company or future new third-party connections made to them at any time and thus the identified locations of plant, as well as existing points of connection are subject to change. Therefore, the advice given within this note could change.

WSP makes no warranties or guarantees, actual or implied, in relation to this report, or the ultimate commercial, technical, economic, or financial effect on the project to which it relates and bears no responsibility or liability to its use other than as set out in the contract under which it was supplied.

FOUL SEWERAGE

EXISTING NETWORK

Southern Water (SW) is the Sewerage Undertaker for the area. SW record plans indicate the presence of a foul gravity sewer that flows from Eastern Avenue to connect to a 300mm vitrified clay combined gravity Sewer at the junction of Humphrey's Gap and Eastern Avenue with the A259 Brighton Road. No SW sewerage is shown to be located within the site boundary or at the proposed site access/egress.

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DIVERSIONARY WORKS

Based on SW records, it is unlikely that foul drainage diversionary or protection works will be required due to the development proposals, as no sewers are located within the site boundary or near the proposed site access.

POTABLE WATER

EXISTING NETWORK

SW is the regional water supply company for the area. SW record plans indicate the presence of a 6” Cast Iron (CI) water main within the carriageway of the A259 Brighton Road. A 4” CI water main branches from the 6” CI water main and crosses the proposed development site to the south via the existing site access. A water hydrant is also located at the southern boundary of the site.

DIVERSIONARY WORKS

Based on SW Records, diversionary and /or protective works could be required to the 4” CI water main that crosses the site. The area is proposed to remain for vehicular use, but Southern Water should be consulted to confirm existing line and level of the main and agree requirements for future protection of the asset.

If not already in existence, an easement/ corridor (either side of the pipe) may also be required, subject to SW requirements and specifications. If required, these easements will need to be accommodated within the layout.

The precise alignment of this 4” CI main should be determined via survey ahead of detailed design so that it can be accurately accommodated in the development, including any easement, as detailed plans are developed.

ELECTRICITY

EXISTING NETWORK

The Distribution Network Operator (DNO) for the area is UK Power Networks (UKPN). UKPN record plans indicate the presence of an 11kV underground cable in the southern footway of the A259 Brighton Road. UKPN records also show a low voltage (LV) underground cable present within the southern footway. A third cable route is also shown (possibly a 6.6kV cable), but it is not currently clear whether this represents a live, third party or historic service. A low voltage service supplies the existing development from the LV cable in the footway. A further LV connection serves an existing street lighting column west of the proposed access.

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DIVERSIONARY WORKS

From the identified assets owned by UKPN, diversionary works and /or protective works could be required to both the 11kV underground cable, LV underground cable and third unidentified cable at the proposed access, subject to future access arrangements. If the access remains as currently constructed it is considered unlikely that diversionary works would be necessary.

If works are proposed at the access, it is recommended that C3 diversion enquiries are made at an early stage, to assess potential cost and timescales.

TELECOMMUNICATIONS

EXISTING NETWORK

BT Openreach and Virgin Media (VM) record plans both show existing telecommunications infrastructure in the vicinity of the Site.

BT Openreach record plans show existing plant within the footway on the southern side of the A259 Brighton Road. A cable crosses into the site to serve the existing development.

VM record plans show an existing duct route within the existing footway and site access on the southern side of the A259 Brighton Road. A chamber/pole is also located to the east of the proposed site access.

DIVERSIONARY WORKS

Based on VM and BT Openreach Records, diversionary and /or protective works could be required for the plant crossing the site at the proposed access/egress point, subject to future access arrangements.

If works are proposed at the access, it is recommended that enquiries are made with relevant utility companies, to assess the impact of any access proposals.

GAS

EXISTING NETWORK

The regional gas Distribution Network Operator (DNO) for the area is Southern Gas Network (SGN). SGN record plans indicate the presence of a 400mm diameter Polyethylene (PE) medium pressure gas main (inside a 24” Cast Iron duct), within the carriageway or footway on the Southern side of the A259 Brighton Road, across the site frontage Additionally, SGN records show a 12” low-pressure gas main that is within the northern part of the A259 Brighton Road carriageway. No gas infrastructure is shown located within the site.

DIVERSIONARY WORKS

Based on SGN Records, diversionary and /or protective works are unlikely to be needed for the medium pressure gas main, subject to any changes to access arrangements.

If works are proposed at the access, it is recommended that C3 diversion enquiries are made at an early stage, to assess potential cost and timescales.

Multi-Utility Supply

EXISTING NETWORK

GTC record plans show that they have no infrastructure within the Site boundary. GTC do have a plant located at an adjacent development to the east of the site.

DIVERSIONARY WORKS

Due to the absence of GTC Apparatus within the site boundary or access, no diversionary works are anticipated due to the proposals.

MAJOR AND HAZARDEOUS PLANT

MAJOR PLANT

An enquiry was obtained from the LSBUD major utility database in September 2024. The response advised that there are no major plant assets such as oil pipelines within the vicinity of the site. The only LSBUD members with plant in the area are ESP Utilities Group, SGN, SSE and UK Power Networks which are all addressed in this note.

The LSBUD response is included in Appendix C.

HAZARDOUS PLANT

Information was obtained from the Health and Safety Executive (HSE) using the on-line search tool in September 2024. The response shows that the site does not lie within the consultation distance (CD) of a major hazard or a major accident hazard pipeline (such as a high-pressure gas main).

The HSE response is included in Appendix C.

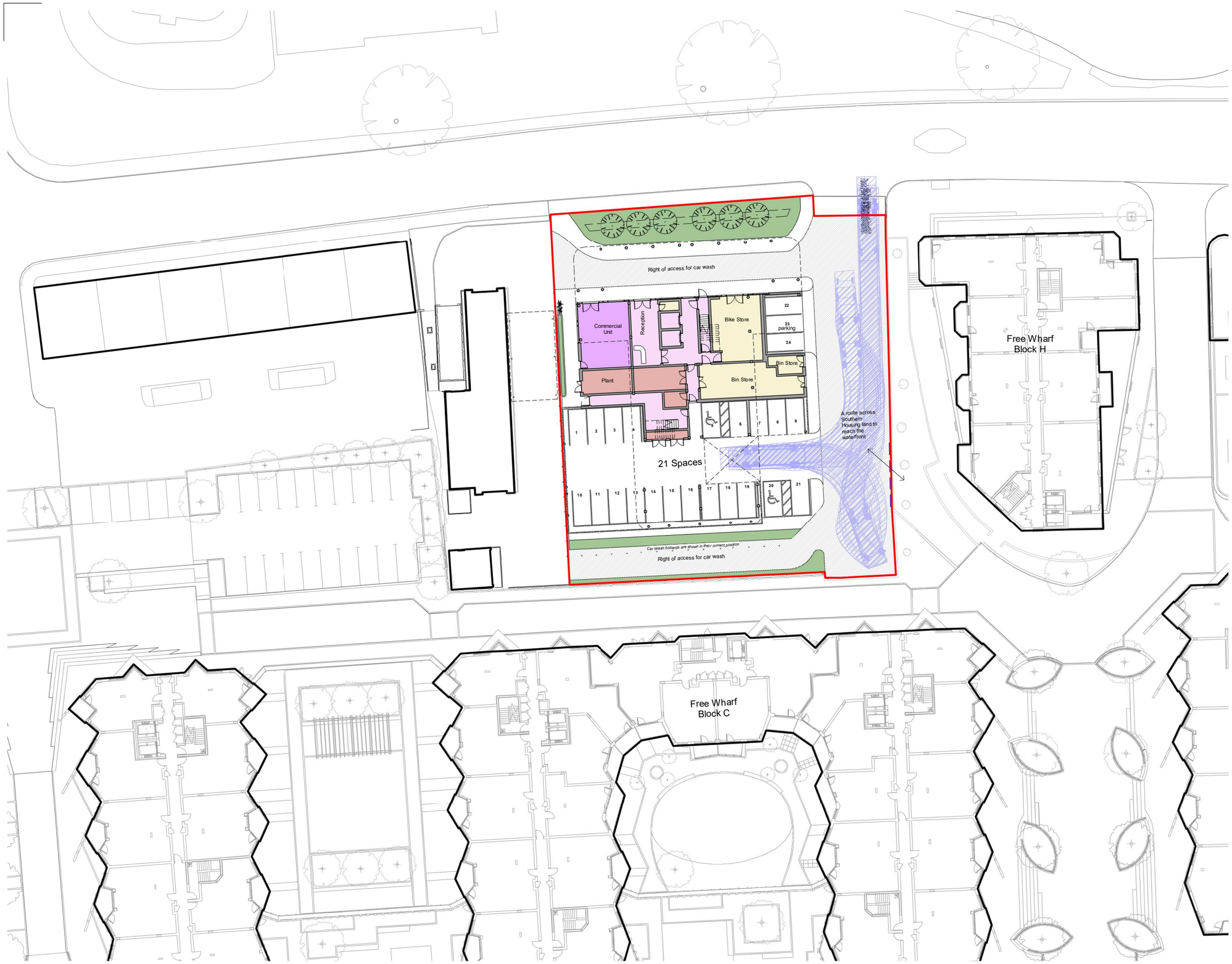
Appendix A

SITE LOCATION PLAN & DEVELOPMENT PROPOSAL

Public

Note:

1. The site plan within the site boundary is based on survey drawings completed in March 2024.
2. The Free Wharf plan is indicative only, relying on the latest publicly available drawings.
3. Structural, M&E and Landscape elements are only illustrative at this stage and will be developed by the relevant consultants at a later stage.



1 **Proposed Site Plan**

1 : 500

5 0 5 10 15 20 25

SCALE 1:500 m

N

Rev	Status	Date	Check	Description
P05	S0	28.04.25	NC	Ground Floor layout amended, parking numbers increased, the main core mirrored.
P04	S0	12.12.24	NC	Undercroft extended
P03	S0	25.09.24	NC	Landscape strip and bin stores amended
P02	S0	10.09.24	NC	General Amendments
P01	S0	29.08.24	NC	First Issue

HolderMathiasarchitects

T +44 (0) 20 7287 0735
www.holdermathias.com
London Cardiff Munich

Project
Shoreham-by-Sea
37-41 Brighton Road
Blenheim Estates

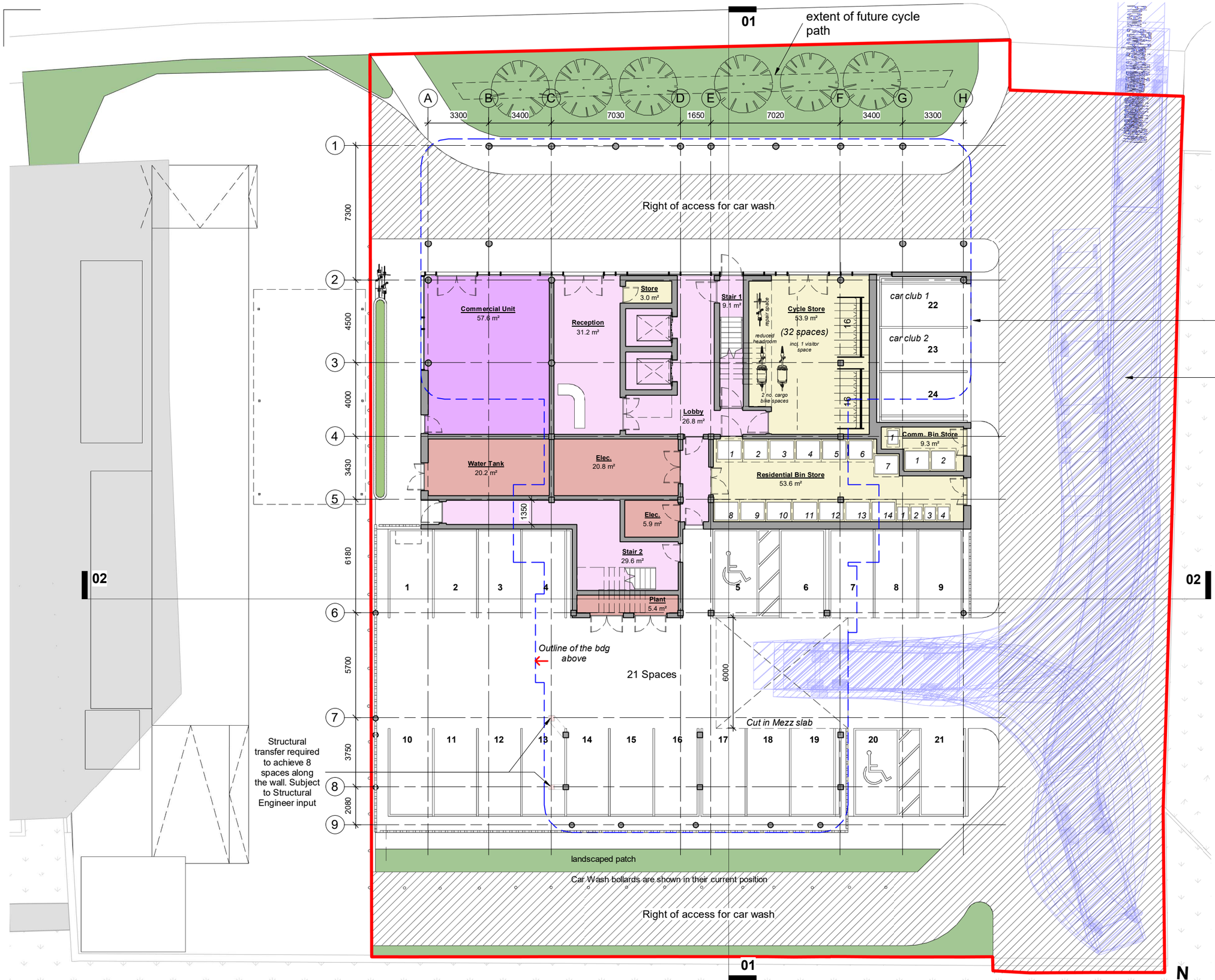
Title
Proposed Site Plan

Job No	Scale at A3	Classification	Status	Revision
4713	As indicated	PM_40_40_34	S0	P05

Project - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number

KFSH-HMA-ZZ-ZZ-D-A-00003

ISO 14001 : 2015 ISO 9001 : 2015 RIBA Chartered Practice
Please consider the environment before printing this document
Refer to dimensions where provided - do not scale from this drawing



Note:

1. The site plan within the site boundary is based on survey drawings completed in March 2024.
2. The Free Wharf plan is indicative only, relying on the latest publicly available drawings.
3. Structural, M&E and Landscape elements are only illustrative at this stage and will be developed by the relevant consultants at a later stage.

BOH

Circulation

Commercial

M+E

Rev	Status	Date	Check	Description
P06	S0	28.04.25	NC	Ground Floor layout amended, parking numbers increased, the main core mirrored.
P05	S0	12.12.24	NC	Undercroft extended
P04	S0	06.12.24	NC	Surrounding building heights added
P03	S0	25.09.24	NC	Landscape strip and bin stores amended
P02	S0	10.09.24	NC	General Amendments
P01	S0	29.08.24	NC	First Issue

HolderMathias architects

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London Cardiff Munich

Project
Shoreham-by-Sea
37-41 Brighton Road
Blenheim Estates

Title
(+4.40) Ground Floor Plan

Job No	Scale at A3	Classification	Status	Revision
4713	As indicated	PM_40_40_34	S0	P06

Project - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number

KFSH-HMA-ZZ-00-D-A-00004

ISO 14001 : 2015 ISO 9001 : 2015 RIBA Chartered Practice
Please consider the environment before printing this document
Refer to dimensions where provided - do not scale from this drawing

SCALE 1:200 (2 0 2 4 6 8 10 m)

N

1 **+4.40 (00) - Ground Floor**

1 : 200

Appendix B

COMBINED UTILITY RECORD PLANS

Public

Envirocheck

Utilities Report

Utility Type

Electricity	STATUS: AFFECTED	NUMBER AFFECTED: 3
Gas	STATUS: AFFECTED	NUMBER AFFECTED: 2
Water & Sewerage	STATUS: AFFECTED	NUMBER AFFECTED: 2
Telecoms	STATUS: AFFECTED	NUMBER AFFECTED: 3
Other	STATUS: AFFECTED	NUMBER AFFECTED: 3

Total Number of Utility Companies Contacted: 19

Report Information

Works Description: Other

Batch: A

Status: Complete - Please see 'Understanding This Report'

This report is issued for the site described as:
Site off Brighton Road, Shoreham-By-Sea

Report Number:
231707

National Grid Reference:
1) 522161 105150; 2) 522216 105155; 3) 522253 105071; 4) 522207 105112;

Customer Reference:
359384399_1

Report Date:
22/10/2024

CONTACT DETAILS

If you require any assistance, please contact our customer services team on:

0330 036 6618

or by email at:

customerservice@envirocheck.co.uk

Understanding this report

We have asked a comprehensive list of Utility companies whether they have any apparatus or underground services in the vicinity of the site.

Report Summary

The table provides a breakdown of the number of responses received by utility category; however, it must be noted that some utility companies provide services across multiple categories. As a result, the total number of responses gathered will often be greater than the total number of utility companies contacted.

Location Map

This shows the plan that was dispatched to the Utility companies. The companies have been asked to return information on the area outlined, which will encompass your chosen site.

Request Status Report

This will confirm the current status of the information requests. We list which responses we have received and whether the company is affected. The Status Report will be divided into the following sections.

Affected Utilities – We have received plans/information
No Response Received – We are still awaiting a full response
Not affected Utilities – We have received a not affected/no plant present response

Responses

Affected responses are listed by company. Any responses from companies confirming they are not affected are provided at the back of the report for your records.

'Awaiting Further Responses' or 'Pack Complete'?

We do not include Local Authority requests when indicating if the pack is 'Complete' or 'Awaiting Further Responses' as Local Authorities are not obliged to reply to these enquiries.

The local authority for the area is contacted to see if they have any council owned property that may be affected by works. In general, these plant enquiries go to the highways department for responses regarding street lighting and drainage. However, the responses we receive can vary each time depending on resources available at the council and we often don't receive replies from local authorities at all

Landmark Utilities Report Service PAS 128 Statement

Prepared for: Landmark Information Group Ltd
Practitioner: Atkins
Report Number: 231707
Client Reference: 359384399_1
Site Name: Site off Brighton Road, Shoreham-By-Sea
Date of Order:27/09/2024
Date of Issue: 22/10/2024

Thank you for using our Utility Report Service.

This report has been completed in accordance with the standards defined under Survey Category D of PAS128, a Publicly Available Specification for underground utility detection, verification and location published by the British Standards Institution.

Positional accuracy of plant is not guaranteed from information presented in a desktop search alone and the location of underground utilities should be verified through other means prior to breaking ground.

Information relating to the presence of Radio Frequency Identification Devices (RFIDs) has been requested from relevant utility companies or taken from mapping systems where available.

Utility companies who have not responded to enquiries are referenced on the enclosed Status Report accordingly. Their response will be chased and forwarded on for a period of up to four working weeks. Whilst we cannot guarantee that a utility company will respond to our enquiries, we endeavour to obtain responses from those that have not responded.

Any responses contained within this report have been obtained between the start date of the order and the date of issue.

If you want to discuss your report further with us, please contact Landmark Customer Services.

Search data map

Please ensure that search data covers the COMPLETE AREA within the boundary lines on this map. This is marked by

Landmark will not be held responsible for any incident or accident arising from the use of the information associated with this particular Statutory Search. The details provided are given in good faith, but no liability whatsoever can be accepted in respect thereof.

Client Reference:
359384399_1

Route:
Site off Brighton Road, Shoreham-By-Sea

Postcode:
BN43 6PW

OSGR:
522207 105112

Check by:
BR

Request Status Report

Route:
Site off Brighton Road, Shoreham-By-Sea

Postcode:
BN43 6PW

OSGR:
522207 105112

Date Requested:
27/09/2024

Client Reference:
359384399_1

Report Number:
231707

Checked and Validated By:
EA

Validation Date:
22/10/2024

Affected Utilities

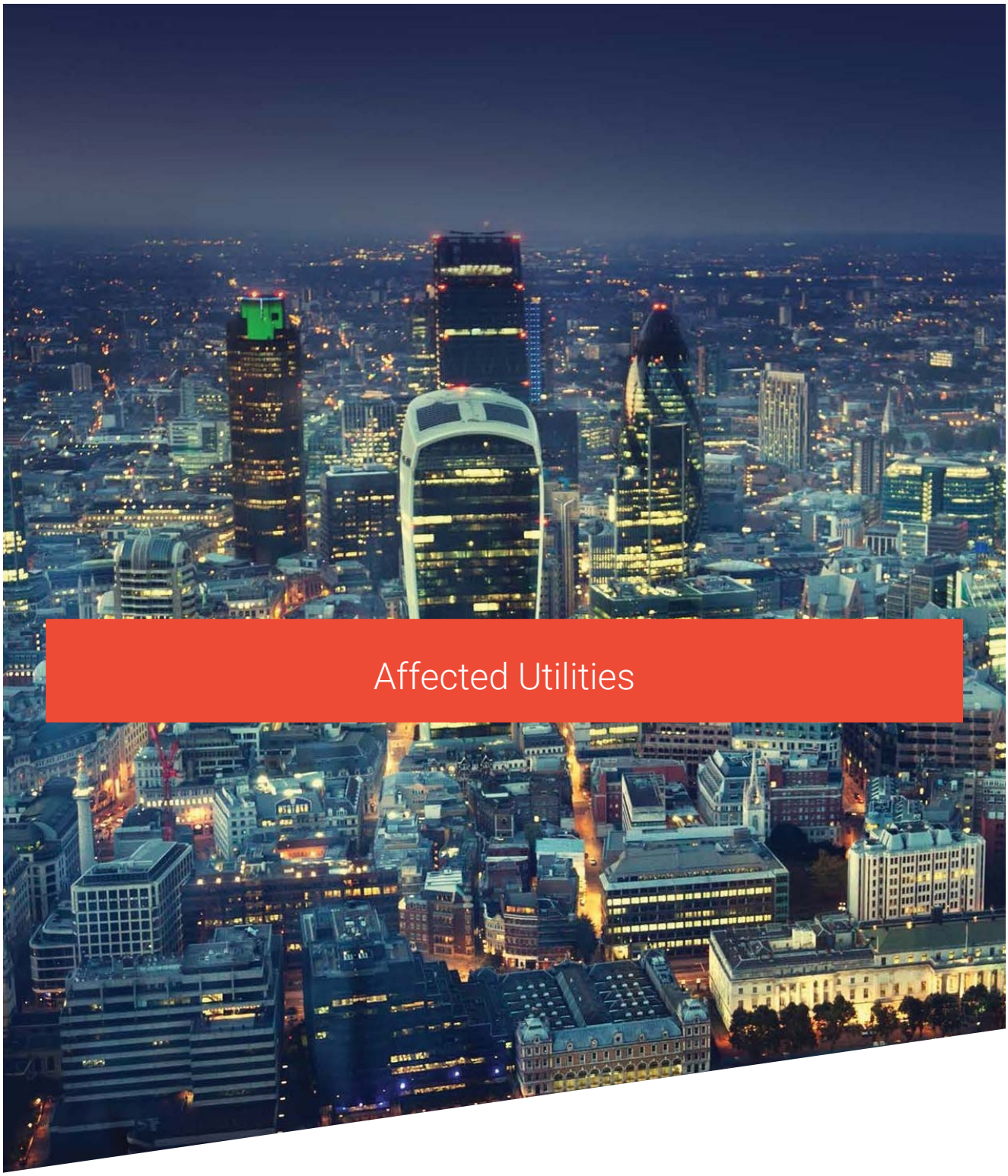
We have received plans/information from the following companies. Please see the enclosed response.

Utility	Category	Date Issued	Notes
Environment Agency	Environment Agency	22/10/2024	
GTC	Electricity, Gas, Telecom, Water Supply	22/10/2024	
LinesearchbeforeUdig	Other	22/10/2024	
Openreach - [British Telecommunications]	Telecom	22/10/2024	
SGN - (Southern Gas Networks)	Gas	22/10/2024	
Southern Water	Sewerage, Water Supply	22/10/2024	
UK Power Networks	Electricity	22/10/2024	
Utility Assets	Electricity	22/10/2024	
Virgin Media	Telecom	22/10/2024	
West Sussex County Council	Council	22/10/2024	

Not Affected Utilities

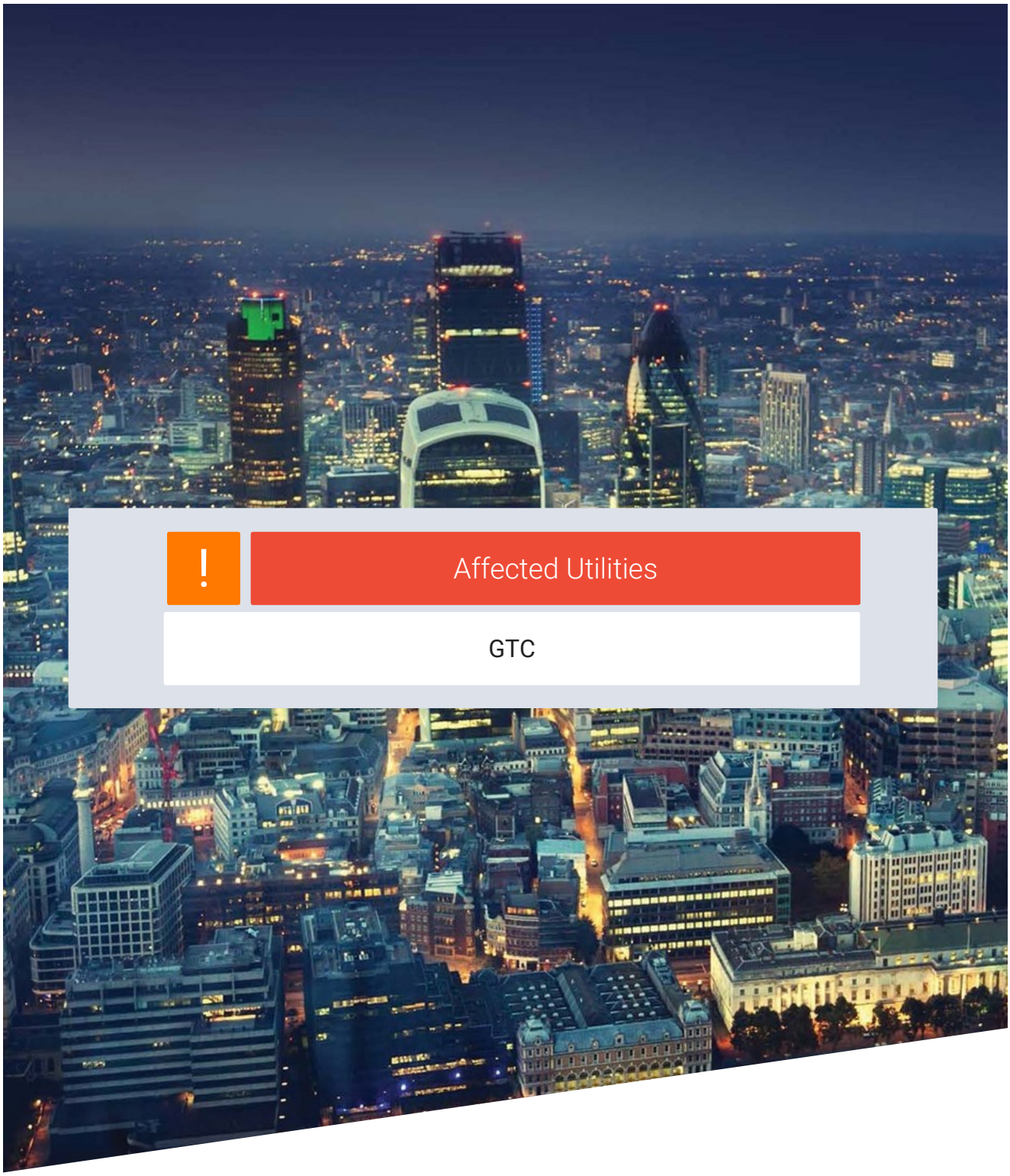
We have received a not affected/no plant present response from the following companies.

Utility	Category	Date Issued	Notes
CityFibre	Telecom	22/10/2024	
Eclipse Power	Electricity	22/10/2024	
ESP Utilities Group		22/10/2024	
Network Rail	Rail	22/10/2024	
OCU Group	Telecom	22/10/2024	
SKY Telecommunications Services	Telecom	22/10/2024	
SSE Utility Solutions Limited		22/10/2024	
Verizon	Telecom	22/10/2024	
Vodafone	Telecom	22/10/2024	



Affected Utilities

Envirocheck



Affected Utilities

GTC

Envirocheck

Outlook

GTC Plant Enquiry - Ref- 4712995

From plantenquiryservice@gtc-uk.co.uk <plantenquiryservice@gtc-uk.co.uk>
Date Mon 30/09/2024 4:57 PM
To Utility Solutions GDC Requests <requests.utilitysolutions@atkinsrealis.com>

2 attachments (812 KB)
GU-DPR-IG-0022 Safe working in the vicinity of utility networks.pdf; 4712995.png;

Warning: GTC Apparatus Exists in This Area

Our Plant Enquiry Service Ref: 4712995
Your Enquiry Ref: 231707/KaY

Dear Jordan,

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.

N0023683

Electric

- EN0023683-1_1_of_1_Rev5-0_stamp_appendix_1_of_1.png
- EN0023683-1_1_of_1_Rev5-0.png
- EN0023683-1_1_of_2 Schematic TBS.png
- EN0023683-1_2_of_2 Schematic.png

N0023074

Electric

- EN0023074-1_1_of_1 Schematic.png

- EN0023074-1_1_of_1_Rev11-0_stamp_appendix_1_of_1.png
- EN0023074-1_1_of_1_Rev11-0.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
- Independent Power Networks Limited
- Independent Water Networks Limited
- Open Fibre Networks Limited
- Independent Community Heating Limited

If you have any queries or require any further information please do not hesitate to contact us.

All works in the vicinity of our networks should be undertaken in accordance with the attached document "GU-DPR-IG-0022: Safe working in the vicinity of utility networks". Reference should also be made to HSG47 Avoiding Danger from Underground Services.

Important: The area of your proposed works may contain gas mains operating at Medium and Intermediate Pressure tiers or electric cables operating at High Voltage – please refer to the network drawings included with this email. If your proposed works are likely to involve excavation within 10 metres of any of these assets, including but not limited to gas governors and electric substations you MUST inform GTC Plant Enquiries by calling 01359 240363 and quoting your Plant Enquiries Service Reference number.
Important: Drawings provided by this service may include utility assets not owned or managed by GTC. Conversely our drawings will NOT display assets from all third parties. It is your responsibility to ensure you have requested information from all utility asset owners.

Gas Escape or Damage MUST be reported on 0800 111 999. National Grid / DNGT will attend to make safe and repair.
Electricity Network Damage MUST be reported to ENC on 0800 032 6990.
Water Network Damage MUST be reported to IWNL on 02920 028 711
Fibre Network Damage MUST be reported to IFNL on 0845 051 1669

Thank you for using the GTC Plant Enquiries Service.

Your sincerely,

GTC Plant Enquiry Service

GTC
Synergy House
Woolpit Business Park
Woolpit
Bury St Edmunds
Suffolk, IP30 9UP
Tel: 01359 240363
plant.enquiries@gtc-uk.co.uk

NOTE:
This E-Mail originates from GTC, Synergy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP
VAT Number: GB688 8971 40. Registered No: 029431.

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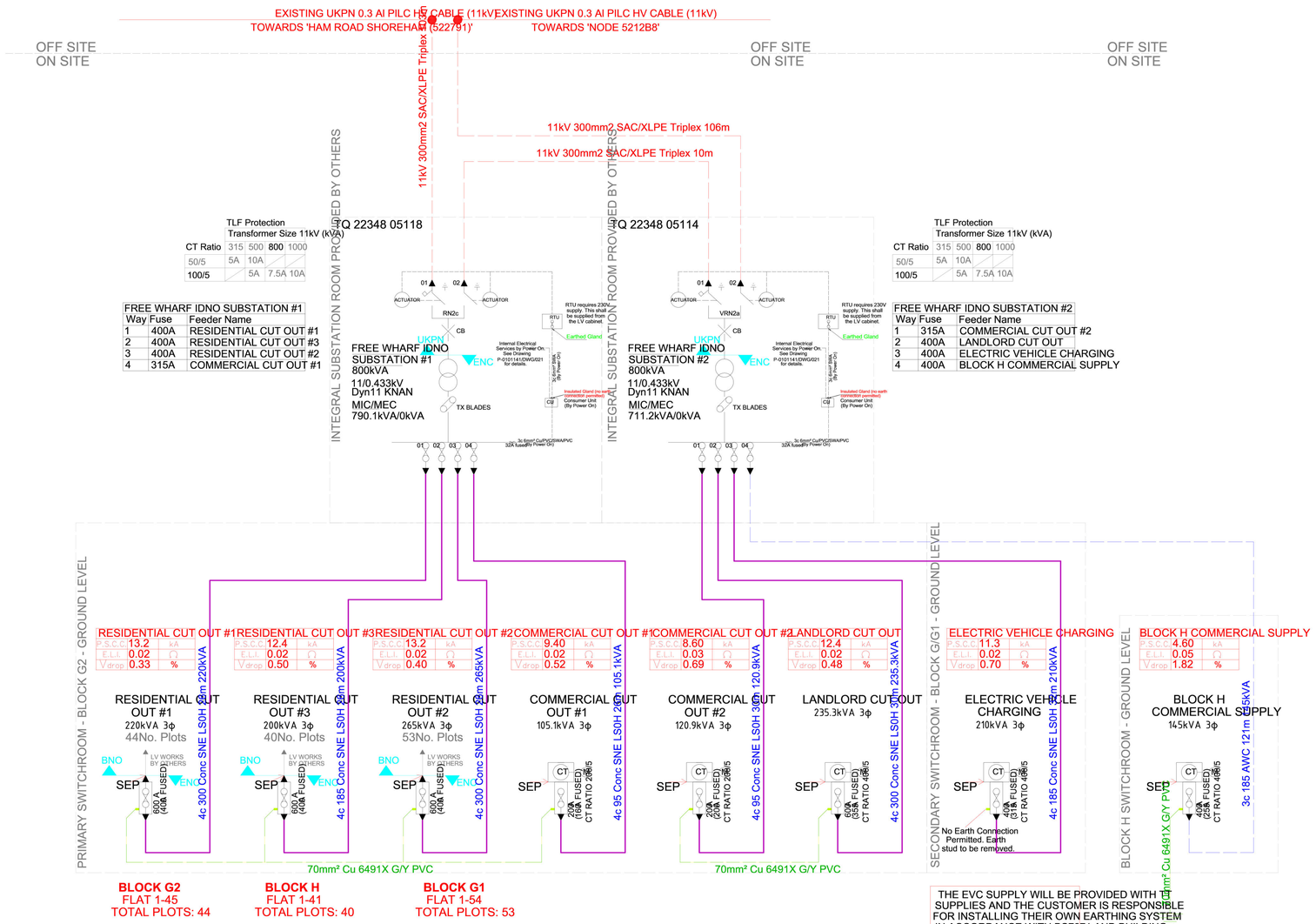
Thank you

GTC Plant Enquiry. Our Ref 4712995, Your Ref 231707/KaY generated for AtkinsStatutory.Enquiries@atkinsglobal.com at 30/09/2024 12:27:12. This drawing is reproduced from our records archive at the time of enquiry.

ADAM TREW 26.07.2023

Rev	Revision Note	Date	Drawn by	Approved
1-0	Original drawing P-0101141-DWG-001-rev0. JPID: 643496	04/10/22	BT	N/A
1-1	Updated Design: P-0101141-DWG-001-Rev1	04/01/23	JME	N/A
1-2	Updated Design: P-0101141-DWG-001-Rev2	23/02/23	MFV	N/A
1-3	LRC Data added as per LV79077 JPID: 766480	26/07/23	ATR	N/A

11kV HV POINT OF CONNECTION
UKPN REF: 8200049089
2No. HV STRAIGHT JOINTS BY POWER ON ONTO THE EXISTING 0.3 AI PILC HV CABLE. JOINT TO BE BETWEEN 'HAM RD SHOREHAM (522791) AND NODE 5212B8. 2No. 300mm2 AI/XLPE/TRIPLEX CABLE TO BE LAID UP TO THIS POINT BY POWER ON. POWER ON TO COMPLETE THE FINAL CLOSING JOINT.



Block G2
Accommodation Schedule
Level 1:
G2-01-01 - FLAT 38
G2-01-02 - FLAT 37
G2-01-03 - FLAT 36
G2-01-04 - FLAT 35
G2-01-05 - FLAT 34
G2-01-06 - FLAT 33
G2-01-07 - FLAT 45
G2-01-08 - FLAT 44
Level 2:
G2-02-01 - FLAT 43
G2-02-02 - FLAT 42
G2-02-03 - FLAT 29
G2-02-04 - FLAT 28
G2-02-05 - FLAT 27
G2-02-06 - FLAT 26
G2-02-07 - FLAT 11
G2-02-08 - FLAT 10
G2-02-09 - FLAT 9
Level 3:
G2-03-01 - FLAT 41
G2-03-02 - FLAT 40
G2-03-03 - FLAT 39
G2-03-04 - FLAT 38
G2-03-05 - FLAT 37
G2-03-06 - FLAT 36
G2-03-07 - FLAT 35
G2-03-08 - FLAT 34
Level 4:
G2-04-01 - FLAT 45
G2-04-02 - FLAT 44
G2-04-03 - FLAT 43
G2-04-04 - FLAT 42
G2-04-05 - FLAT 29
G2-04-06 - FLAT 28
G2-04-07 - FLAT 27
G2-04-08 - FLAT 26
Level 5:
G2-05-01 - FLAT 41
G2-05-02 - FLAT 40
G2-05-03 - FLAT 39
G2-05-04 - FLAT 38
G2-05-05 - FLAT 37
G2-05-06 - FLAT 36
G2-05-07 - FLAT 35
G2-05-08 - FLAT 34
Level 6:
G2-06-01 - FLAT 45
G2-06-02 - FLAT 44
G2-06-03 - FLAT 43
G2-06-04 - FLAT 42

Block H
Accommodation Schedule
Level 1:
H1-01-01 - FLAT 41
H1-01-02 - FLAT 40
H1-01-03 - FLAT 39
H1-01-04 - FLAT 38
H1-01-05 - FLAT 37
H1-01-06 - FLAT 36
H1-01-07 - FLAT 35
H1-01-08 - FLAT 34
Level 2:
H1-02-01 - FLAT 33
H1-02-02 - FLAT 32
H1-02-03 - FLAT 31
H1-02-04 - FLAT 30
H1-02-05 - FLAT 29
H1-02-06 - FLAT 11
H1-02-07 - FLAT 10
H1-02-08 - FLAT 9
Level 3:
H1-03-01 - FLAT 41
H1-03-02 - FLAT 40
H1-03-03 - FLAT 39
H1-03-04 - FLAT 38
H1-03-05 - FLAT 37
H1-03-06 - FLAT 36
H1-03-07 - FLAT 35
H1-03-08 - FLAT 34
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H1-04-02 - FLAT 32
H1-04-03 - FLAT 31
H1-04-04 - FLAT 30
H1-04-05 - FLAT 29
H1-04-06 - FLAT 28
H1-04-07 - FLAT 27
H1-04-08 - FLAT 26
Level 5:
H1-05-01 - FLAT 37
H1-05-02 - FLAT 36
H1-05-03 - FLAT 35
H1-05-04 - FLAT 34
Level 6:
H1-06-01 - FLAT 41
H1-06-02 - FLAT 40
H1-06-03 - FLAT 39
H1-06-04 - FLAT 38

Block G1
Accommodation Schedule
Level 1:
G1-01-01- FLAT 38
G1-01-02- FLAT 37
G1-01-03- FLAT 36
G1-01-04- FLAT 35
G1-01-05- FLAT 34
G1-01-06- FLAT 33
G1-01-07- FLAT 45
G1-01-08- FLAT 44
G1-01-09- FLAT 31
Level 2:
G1-02-01- FLAT 30
G1-02-02- FLAT 29
G1-02-03- FLAT 17
G1-02-04- FLAT 16
G1-02-05- FLAT 15
G1-02-06- FLAT 14
G1-02-07- FLAT 12
G1-02-08- FLAT 11
G1-02-09- FLAT 10
Level 3:
G1-03-01- FLAT 46
G1-03-02- FLAT 45
G1-03-03- FLAT 44
G1-03-04- FLAT 43
G1-03-05- FLAT 42
G1-03-06- FLAT 41
G1-03-07- FLAT 40
G1-03-08- FLAT 39
G1-03-09- FLAT 38
Level 4:
G1-04-01- FLAT 50
G1-04-02- FLAT 49
G1-04-03- FLAT 48
G1-04-04- FLAT 47
G1-04-05- FLAT 30
G1-04-06- FLAT 29
G1-04-07- FLAT 28
G1-04-08- FLAT 27
G1-04-09- FLAT 26
Level 5:
G1-05-01- FLAT 46
G1-05-02- FLAT 45
G1-05-03- FLAT 44
G1-05-04- FLAT 43
G1-05-05- FLAT 42
G1-05-06- FLAT 41
G1-05-07- FLAT 40
G1-05-08- FLAT 39
G1-05-09- FLAT 38
Level 6:
G1-06-01- FLAT 50
G1-06-02- FLAT 49
G1-06-03- FLAT 48
G1-06-04- FLAT 47
Level 7:
G1-07-01- FLAT 54
G1-07-02- FLAT 53
G1-07-03- FLAT 52
G1-07-04- FLAT 51

LEGEND
- HV Cable (& Existing HV)
- LV Cable
- Live LV Cable
- Earth Bonding
- Termination
- Joint (HV / LV / Live LV)
- Pressure End (LV / Live LV)
- Earth Rod

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 or its agents, servants or contractors for any use made of this plan. Safe digging practices, in accordance with HSE(GH), 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 (either direct labour or contractors) working for you on or near electrical equipment.

This electrical network design has been carried out by :
Electricity Network Manager
GTC
Woolpit Business Park
Bury St Edmunds
Suffolk
IP30 9UP
Tel : 01359 240363
Fax : 01359 244398
www.gtc-uk.co.uk

All cables and equipment used on this design are to be in accordance with GB1 standards.

Electricity Networks Company Ltd

Drawing Scale :	NTS
O.S.REF :	522309, 105079
Network Number :	N0023074-1
Project Number :	
Drawing Number :	EN0023074-1 _R1-3_1_of_1 Schematic
Developer :	HG Construction Ltd
Enquirer :	Power On Connections
Location :	Brighton Road, SHOREHAM-BY-SEA, West Sussex, BN43 6RW

the electricity network company

SHEET SIZE A0

THIS DRAWING SHOWS:
SCHEMATIC

GTC Plant Enquiry. Our Ref 4712995, Your Ref 231707/KaY generated for AtkinsStatutory.Enquiries@atkinsglobal.com at 30/09/2024 12:27:09. This drawing is reproduced from our records archive at the time of enquiry.

Notes:

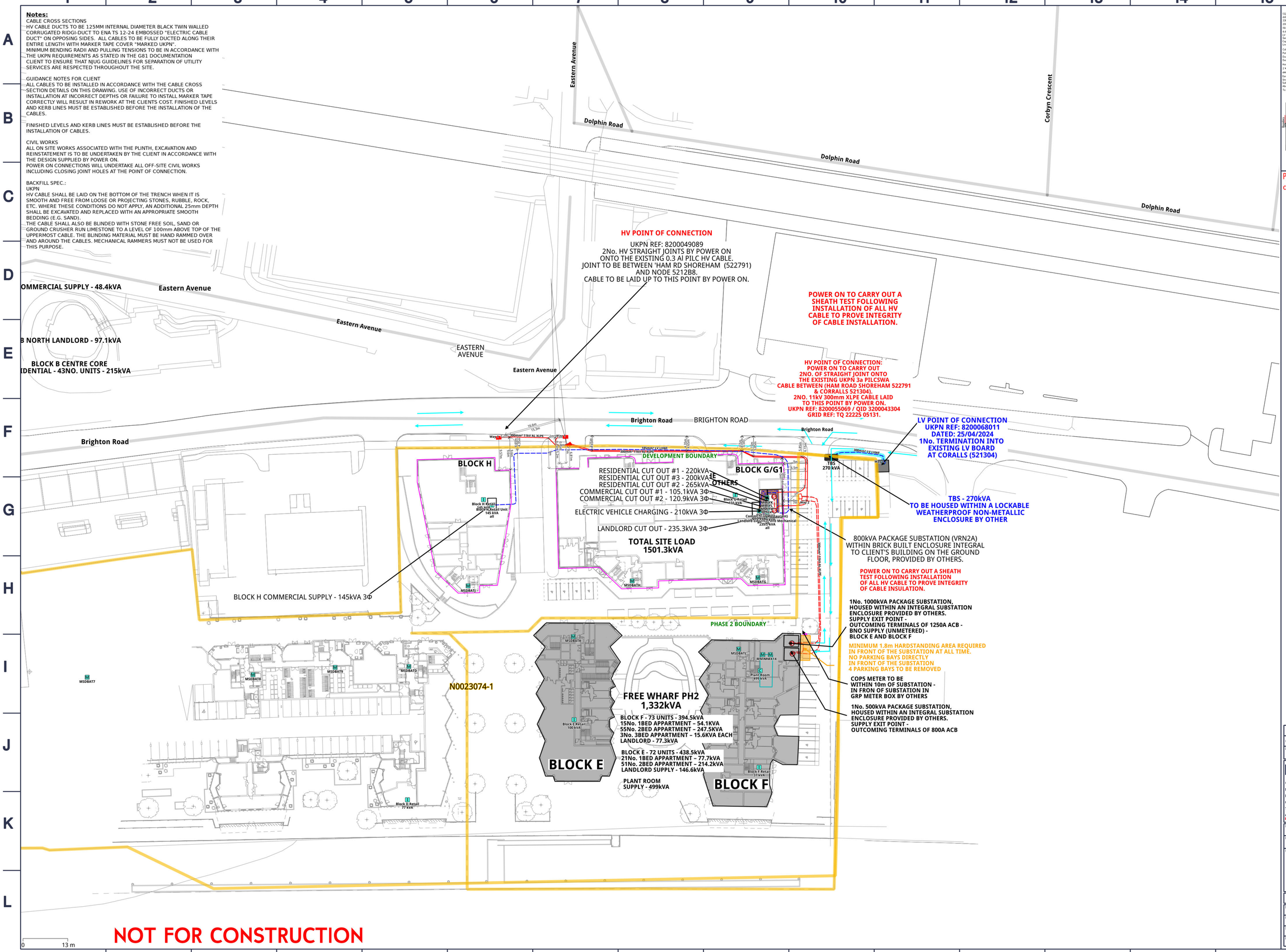
CABLE CROSS SECTIONS
HV CABLE DUCTS TO BE 125MM INTERNAL DIAMETER BLACK TWIN WALLED CORRUGATED RIDGI-DUCT TO ENA TS 12-24 EMBOSSED "ELECTRIC CABLE DUCT" ON OPPOSING SIDES. ALL CABLES TO BE FULLY DUCTED ALONG THEIR ENTIRE LENGTH WITH MARKER TAPE COVER "MARKED UKPN".
MINIMUM BENDING RADII AND PULLING TENSIONS TO BE IN ACCORDANCE WITH THE UKPN REQUIREMENTS AS STATED IN THE G81 DOCUMENTATION
CLIENT TO ENSURE THAT NJUG GUIDELINES FOR SEPARATION OF UTILITY SERVICES ARE RESPECTED THROUGHOUT THE SITE.

GUIDANCE NOTES FOR CLIENT
ALL CABLES TO BE INSTALLED IN ACCORDANCE WITH THE CABLE CROSS SECTION DETAILS ON THIS DRAWING. USE OF INCORRECT DUCTS OR INSTALLATION AT INCORRECT DEPTHS OR FAILURE TO INSTALL MARKER TAPE CORRECTLY WILL RESULT IN REWORK AT THE CLIENTS COST. FINISHED LEVELS AND KERB LINES MUST BE ESTABLISHED BEFORE THE INSTALLATION OF THE CABLES.

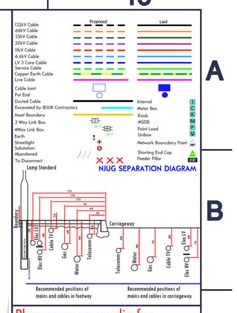
FINISHED LEVELS AND KERB LINES MUST BE ESTABLISHED BEFORE THE INSTALLATION OF CABLES.

CIVIL WORKS
ALL ON SITE WORKS ASSOCIATED WITH THE PLINTH, EXCAVATION AND REINSTATEMENT IS TO BE UNDERTAKEN BY THE CLIENT IN ACCORDANCE WITH THE DESIGN SUPPLIED BY POWER ON.
POWER ON CONNECTIONS WILL UNDERTAKE ALL OFF-SITE CIVIL WORKS INCLUDING CLOSING JOINT HOLES AT THE POINT OF CONNECTION.

BACKFILL SPEC.:
UKPN
HV CABLE SHALL BE LAID ON THE BOTTOM OF THE TRENCH WHEN IT IS SMOOTH AND FREE FROM LOOSE OR PROJECTING STONES, RUBBLE, ROCK, ETC. WHERE THESE CONDITIONS DO NOT APPLY, AN ADDITIONAL 25mm DEPTH SHALL BE EXCAVATED AND REPLACED WITH AN APPROPRIATE SMOOTH BEDDING (E.G. SAND).
THE CABLE SHALL ALSO BE BLINDED WITH STONE FREE SOIL, SAND OR GROUND CRUSHER RUN LIMESTONE TO A LEVEL OF 100mm ABOVE TOP OF THE UPPERMOST CABLE. THE BLINDING MATERIAL MUST BE HAND RAMMED OVER AND AROUND THE CABLES. MECHANICAL RAMMERS MUST NOT BE USED FOR THIS PURPOSE.



NOT FOR CONSTRUCTION



Please see appendix for cross sections

Rev	Amendment	Date	Drwn	Chkd
-	ORIGINAL ISSUE	09-05-2024	RS	

Drawing Title: PLANT, EQUIPMENT & CABLE ROUTE PLAN

POWER ON
All Utilities. One Provider
FLETCHER HOUSE
REDGRAVE CLOSE
COVENTRY, CV2 2UU
TELEPHONE: 03453223322
enquiries@poweron-uk.co.uk
Electricity Water Wastewater Fibre Heat Gas

Client: CALFORDSEADEN LLP
Project Name: BRIGHTON ROAD, SHOREHAM-BY-SEA, WES
Site Address: BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RW
NOBODY
Approved

IF IN DOUBT - ASK

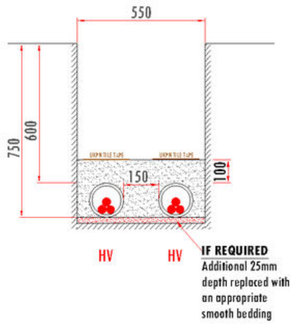
Design Engineer: R SKOLARENKO	Mobile: 07970884209
Project Manager: LUKE KNIGHT	Mobile: 07976550039
Scale: 1:500	Original Size: A1
Sheet: 1 of 1	
Network: N0023683-1	Drawing Number: P-0102079-0001-DWG-010-REV4-PLAN (UTR)

11-0

GTC Plant Enquiry. Our Ref 4712995, Your Ref 231707/KaY generated for AtkinsStatutory.Enquiries@atkinsglobal.com at 30/09/2024 12:27:11. This drawing is reproduced from our records archive at the time of enquiry.
Authorised by

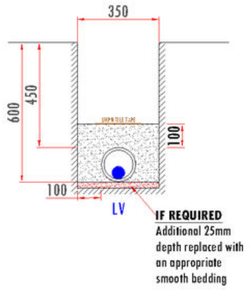
E1

UKPN 2 HV DUCT IN FOOTWAY



E2

UKPN 1 LV DUCT IN FOOTWAY



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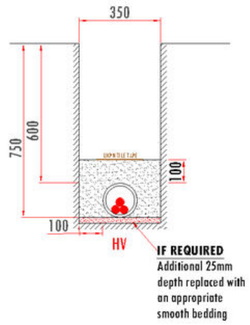
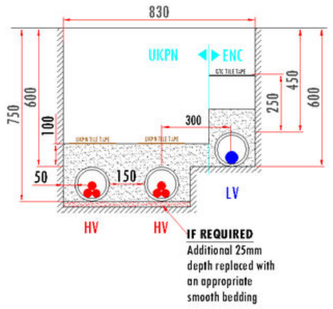


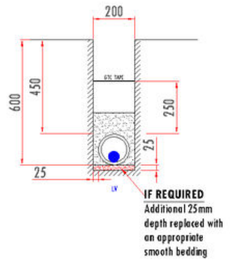
E5

UKPN 2 HV DUCT ENC 1 LV DUCT IN FOOTWAY



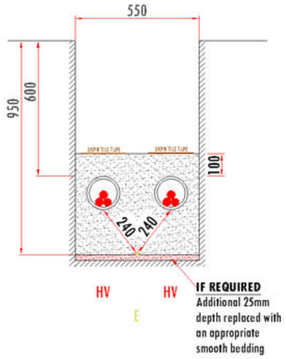
E7

ENC 1 LV DUCT IN FOOTWAY



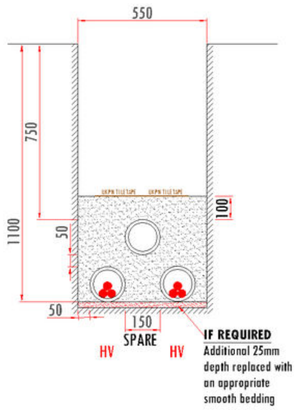
E1

UKPN 2 HV DUCT PLUS EARTH IN FOOTWAY



E2

UKPN 2 HV + 1 SPARE DUCT IN CARRIAGEWAY



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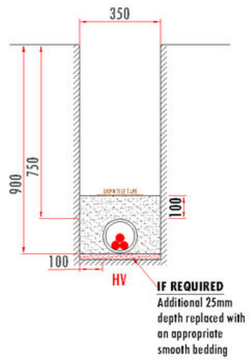
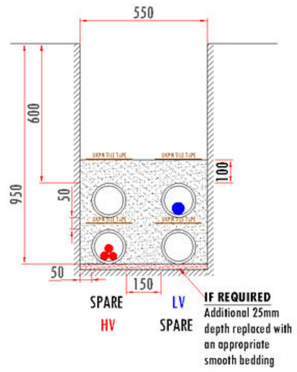
UKPN 1 HV DUCT IN CARRIAGEWAY



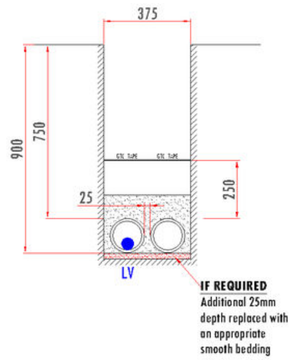
E6

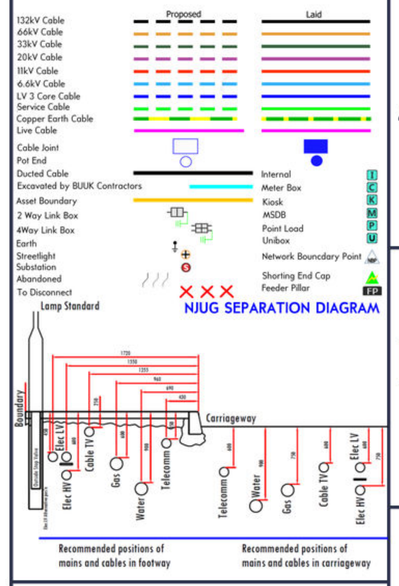
UKPN 1 HV DUCT 1 LV DUCT 2 SPARE IN CARRIAGEWAY



E8

ENC 1 LV DUCT 1 SPARE BUILDING ENTRY





Rev	Amendment	Date	Drwn	Chkd
-	ORIGINAL ISSUE	09-05-2024	RS	

Drawing Title
PLANT, EQUIPMENT & CABLE ROUTE PLAN

POWER ON
All Utilities. One Provider
FLETCHER HOUSE
REDGRAVE CLOSE
COVENTRY, CV2 2UU
TELEPHONE: 03453223322
enquiries@poweron-uk.co.uk
Electricity Water Wastewater Fibre Heat Gas

Client
CALFORDSEADEN LLP

Project Name
BRIGHTON ROAD, SHOREHAM-BY-SEA, WES

Site Address
BRIGHTON ROAD, SHOREHAM-BY-SEA, WEST SUSSEX, BN43 6RW

IF IN DOUBT - ASK

Design Engineer: R SKOLARENKO	Mobile: 07970884209
Project Manager: LUKE KNIGHT	Mobile: 07976550039

Scale	Original Size	Sheet
1:1250	A3	1 of 1

Network	Drawing Number
N0023683-1	P-0102079-0001-DWG-010-REV4-PLAN (AUTH)