

Application for Planning Permission

Town and Country Planning Act 1990 (as amended)

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Site Location

Disclaimer: We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number

Suffix

Property Name

Address Line 1

Address Line 2

Address Line 3

Town/city

Postcode

Description of site location must be completed if postcode is not known:

Easting (x) Northing (y)

Description

Proposed Rooftop upgrade to the existing telecommunications installation. Proposed removal and replacement of 2No. 3m main support poles with 2No. 6m climbable support poles and 3No. Antennas with proposed 3No. Antennas. Proposed installation of 1No. GPS Module. Existing inside equipment room to be refreshed internally and associated ancillary works.

Applicant Details

Name/Company

Title

First name

Surname

Company Name

Address

Address line 1

Address line 2

Address line 3

Town/City

County

Country

Postcode

Are you an agent acting on behalf of the applicant?

Yes

No

Contact Details

Primary number

***** REDACTED *****

Secondary number

Fax number

Email address

***** REDACTED *****

Agent Details

Name/Company

Title

First name

Susannah

Surname

Help

Company Name

WHP Telecoms Limited

Address

Address line 1

1a Station Court

Address line 2

Station Road

Address line 3

Guiseley

Town/City

Leeds

County

Country

United Kingdom

Postcode

LS20 8EY

Contact Details

Primary number

***** REDACTED *****

Secondary number

Fax number

Email address

***** REDACTED *****

Site Area

What is the measurement of the site area? (numeric characters only).

30.00

Unit

Sq. metres

Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. [View government planning guidance on fire statements](#) or [access the fire statement template and guidance](#).
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or [view government planning guidance on determination periods](#).

Description

Please describe details of the proposed development or works including any change of use

Proposed Rooftop upgrade to the existing telecommunications installation. Proposed removal and replacement of 2No. 3m main support poles with 2No. 6m climbable support poles and 3No. Antennas with proposed 3No. Antennas. Proposed installation of 1No. GPS Module. Existing inside equipment room to be refreshed internally and associated ancillary works.

Please refer to drawings

Has the work or change of use already started?

Yes

No

Existing Use

Please describe the current use of the site

Telecommunications Installation

Is the site currently vacant?

- Yes
 No

Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated

- Yes
 No

Land where contamination is suspected for all or part of the site

- Yes
 No

A proposed use that would be particularly vulnerable to the presence of contamination

- Yes
 No

Materials

Does the proposed development require any materials to be used externally?

- Yes
 No

Please provide a description of existing and proposed materials and finishes to be used externally (including type, colour and name for each material)

Type:

Other

Other (please specify):

Telecommunications Equipment

Existing materials and finishes:

Telecommunications Equipment Please refer to drawings

Proposed materials and finishes:

Telecommunications Equipment Please refer to drawings

Are you supplying additional information on submitted plans, drawings or a design and access statement?

- Yes
 No

If Yes, please state references for the plans, drawings and/or design and access statement

CS 13182324 Red Lined LP
CS 13182324_GA_REV_A-2-6

Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

- Yes
 No

Is a new or altered pedestrian access proposed to or from the public highway?

- Yes
 No

Are there any new public roads to be provided within the site?

- Yes
 No

Are there any new public rights of way to be provided within or adjacent to the site?

- Yes
 No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

- Yes
 No

Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

- Yes
 No

Trees and Hedges

Are there trees or hedges on the proposed development site?

- Yes
 No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

- Yes
 No

If Yes to either or both of the above, you may need to provide a full tree survey, at the discretion of the local planning authority. If a tree survey is required, this and the accompanying plan should be submitted alongside the application. The local planning authority should make clear on its website what the survey should contain, in accordance with the current 'BS5837: Trees in relation to design, demolition and construction - Recommendations'.

Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's [Flood map for planning](#). You should also refer to national [standing advice](#) and your local planning authority requirements for information as necessary.)

- Yes
 No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

- Yes
 No

Will the proposal increase the flood risk elsewhere?

- Yes
 No

How will surface water be disposed of?

- Sustainable drainage system
 Existing water course
 Soakaway
 Main sewer
 Pond/lake

Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

- Yes, on the development site
 Yes, on land adjacent to or near the proposed development
 No

b) Designated sites, important habitats or other biodiversity features

- Yes, on the development site
 Yes, on land adjacent to or near the proposed development
 No

c) Features of geological conservation importance

- Yes, on the development site
 Yes, on land adjacent to or near the proposed development
 No

Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

Foul Sewage

Please state how foul sewage is to be disposed of:

- Mains sewer
- Septic tank
- Package treatment plant
- Cess pit
- Other
- Unknown

Other

No sewage generated

Are you proposing to connect to the existing drainage system?

- Yes
- No
- Unknown

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

- Yes
- No

Have arrangements been made for the separate storage and collection of recyclable waste?

- Yes
- No

Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

- Yes
- No

Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

- Yes
- No

All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?

Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

- Yes
- No

Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

- Yes
 No

Hours of Opening

Are Hours of Opening relevant to this proposal?

- Yes
 No

Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

- Yes
 No

Is the proposal for a waste management development?

- Yes
 No

Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

- Yes
 No

Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

- Yes
 No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

- The agent
 The applicant
 Other person

Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

- Yes
 No

Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:

- (a) a member of staff
- (b) an elected member
- (c) related to a member of staff
- (d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

- Yes
- No

Ownership Certificates and Agricultural Land Declaration

Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days?

- Yes
- No

Can you give appropriate notice to all the other owners/agricultural tenants? (Select 'Yes' if there are no other owners/agricultural tenants)

- Yes
- No

Certificate Of Ownership - Certificate B

I certify/ The applicant certifies that:

- I have/The applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner* and/or agricultural tenant** of any part of the land or building to which this application relates; or
- The applicant is the sole owner of all the land or buildings to which this application relates and there are no other owners* and/or agricultural tenants**.

* "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.

** "agricultural tenant" has the meaning given in section 65(8) of the Town and Country Planning Act 1990

Name of Owner/Agricultural Tenant:

***** REDACTED *****

House name:

Number:

Suffix:

Address line 1:

Capitol House

Address Line 2:

18 Capitol Park, 135 Pearce Way

Town/City:

Gloucester

Postcode:

GL2 5YD

Date notice served (DD/MM/YYYY):

26/01/2023

Person Family Name:

Person Role

The Applicant

The Agent

Title

First Name

Surname

Declaration Date

Declaration made

Declaration

I / We hereby apply for Full planning permission as described in this form and accompanying plans/drawings and additional information. I / We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine options of the persons giving them. I / We also accept that: Once submitted, this information will be transmitted to the Local Planning Authority and, once validated by them, be made available as part of a public register and on the authority's website; our system will automatically generate and send you emails in regard to the submission of this application.

I / We agree to the outlined declaration

Signed

Date

26/01/2023

Our Ref: Cornerstone 13182324

27th January 2023

The Chief Planning Officer
Gloucester City Council
PO Box 3252
Gloucester
GL1 9FW

WHP Telecoms Ltd
1a Station Court
Station Road
Guiseley
Leeds
LS20 8EY

Dear Sir / Madam,

PROPOSED ROOFTOP UPGRADE AT CSR 13182324 THE SAS BODYSHOP, 236-240 BARTON STREET, GLOUCESTER, GLOUCESTERSHIRE, GL1 4JR, NGR: E: 384043 N: 217743

This submission is a full planning application and is in accordance with the Electronic Communications Code (as amended) for permission for the development of:

Proposed Rooftop upgrade to the existing telecommunications installation. Proposed removal and replacement of 2No. 3m main support poles with 2No. 6m climbable support poles and 3No. Antennas with proposed 3No. Antennas. Proposed installation of 1No. GPS Module. Existing inside equipment room to be refreshed internally and associated ancillary works. For Full details please refer to enclosed drawings, numbered: 100 - 301 (Revision A, Pack Issue A) at The SAS Bodyshop, 236-240 Barton Street, Gloucester, Gloucestershire, GL1 4JR, NGR: E: 384043 N: 217743

Cornerstone is the UK's leading mobile infrastructure services company. We acquire, manage and own over 20,000 sites and are committed to enabling best in class mobile connectivity for over half of all the country's mobile customers. We oversee works on behalf of telecommunications providers and wherever possible aim to:

- promote shared infrastructure
- maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development

This application is submitted for and on behalf of Cornerstone.


The application comprises:

- Planning application form and certificates
- Planning drawings - Ref. No's: 100 - 301 (Revision A, Pack Issue A)
- Prescribed fee - - BACS payment of £494.20
- General Background Information for Telecommunications Development
- Site Specific Supplementary Information
- Health and Mobile Phone Base Stations document
- Design and Access Statement (if appropriate)
- ICNIRP declaration & clarification statement

In the first instance, all correspondence should be directed to the agent.

Cornerstone Full Planning Application Letter (England) V.5 16.03.2022

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Registered in England & Wales No. 08087551.
VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

This application has been prepared in accordance with the Code of Practice for Wireless Network Development in England (March 2022).

The enclosed application is identified as the most suitable site option and design that balances operational need with local planning policies and national planning policy guidance. It will deliver public benefit in terms of the mobile services it will provide.

Furthermore, we would like to assist the council and would like to arrange a presentation or meeting with your officers and members to discuss the issues if appropriate.

We are committed to maintaining a positive relationship with all Local Planning Authorities and we would be happy to provide any additional information in relation to this application.

We look forward to receiving your acknowledgement and decision in due course.

Should you have any queries regarding this matter, please do not hesitate to contact me (quoting cell number 13182324)

Yours sincerely

[Redacted]

Planner


[Redacted]@whptelecoms.com

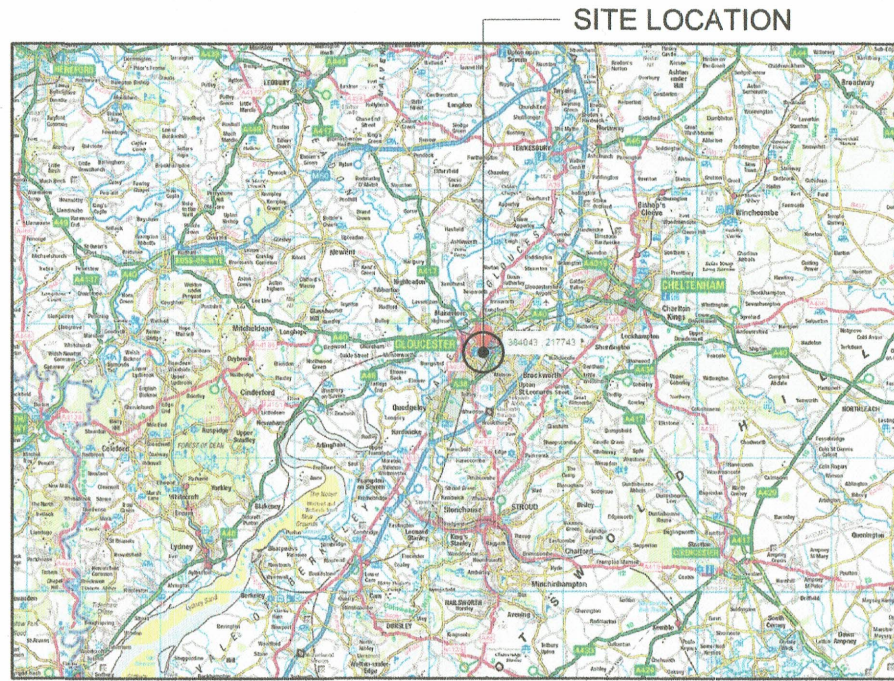
(for and on behalf of Cornerstone)

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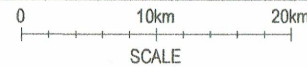
 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA



SITE LOCATION

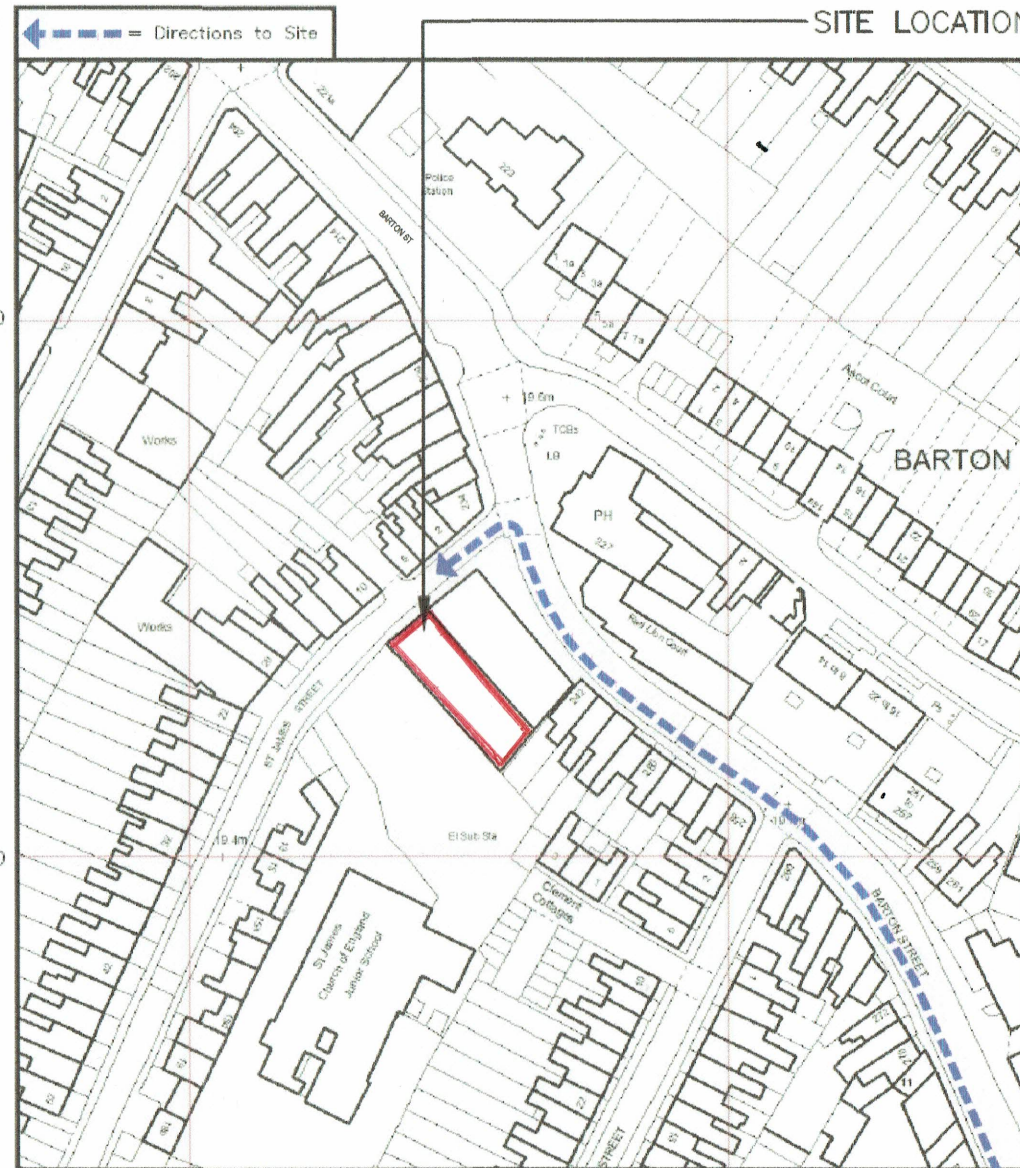
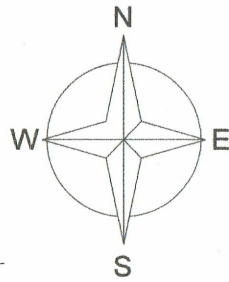
SITE LOCATION

1 : 50000
 Ordnance Survey map extract
 based upon Landranger map series
 with the permission of the Controller of
 Her Majesty's Stationery Office
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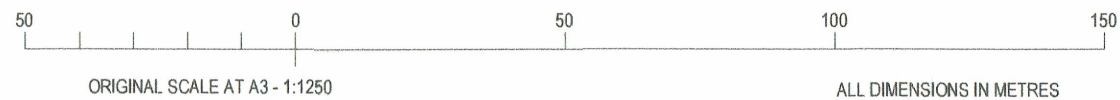
SITE PHOTOGRAPH

These drawings comply with TEF and VF Standard ICNIRP guidelines under Configuration VM5R. Designed in accordance with Cornerstone document: SDN0009 "ICNIRP Compliance Summary (v5)"



DETAILED SITE LOCATION

1 : 1250
 Ordnance Survey map extract
 based upon Landranger map series
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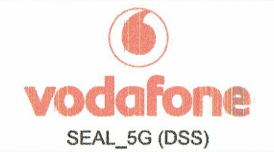
1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
 2. DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R. E: 384043 N: 217743

NOTES:-

DIRECTIONS TO SITE:
 M5 AT JUNCTION 11, TAKE THE A40 EXIT TO
 CHELTENHAM/GLOUCESTER/STAVERTON AIRPORT.
 TAKE A40, A416, CORINIUM AVE AND EASTERN AVE/A38
 TO B4073 IN GLOUCESTER. AT THE ROUNDABOUT,
 TAKE THE 3RD EXIT ONTO THE A40 RAMP TO
 GLOUCESTER/CIRENCESTER. MERGE ONTO A40. AT
 ELMBRIDGE CT, TAKE THE 2ND EXIT ONTO A417. AT
 THE ROUNDABOUT, TAKE THE 3RD EXIT ONTO
 CORINIUM AVE. AT THE ROUNDABOUT, TAKE THE 2ND
 EXIT ONTO EASTERN AVE/A38. AT THE ROUNDABOUT,
 TAKE THE 3RD ONTO PAINSWICK RD/B4073. PASS
 UNDER RAILWAY BRIDGE AND CONTINUE ALONG ROAD
 UNTIL IT CHANGES INTO BARTON STREET. TAKE
 SECOND LEFT ONTO ST. JAMES'S STREET. SITE WILL
 BE ON THE LEFT ON THE CORNER.

A	Issued For Approval	GN	SDUI	31-10-22
Rev.	MODIFICATION	BY	CH	DATE



Cell Name		Opt.
THE SAS BODYSHOP		A
Cell ID No		
CTIL	VF	TEF
E304486	72823_19	043219
13182324		

Site Address / Contact Details	
236-240 BARTON STREET GLOUCESTER GLOUCESTERSHIRE GL1 4JR	

Drawing Title:		SITE LOCATION MAPS	
Purpose of issue:		PLANNING	
Drawing Number:		100	
Dwg Rev:		A	
Drawn:	GN	Original Sheet Size:	A3
Date:	31-10-22	Checked:	SDUI
Date:	31-10-22	Pack Issue:	A



**General Background
Information for
Telecommunications
Development.**

England

Introduction.

Cornerstone is the UK's leading mobile infrastructure services company. We acquire, manage, and own over 20,000 sites and are committed to enabling best in class mobile connectivity for over half of all the country's mobile customers. We oversee works on behalf of telecommunications providers and wherever possible aim to:

- Promote shared infrastructure;
- Maximise opportunities to consolidate the number of base stations;
- Significantly reduce the environmental impact of network development.

This document is designed to provide general background information on the development of UK mobile telecommunications networks.

It has been prepared for inclusion with planning applications and supports network development proposals with general information.

Background

Over 30 years ago under the Telecommunications Act 1984, a licence was granted to mobile network operators. The licence was to provide wireless (or mobile) phone services utilising unused radio frequencies adjacent to those transmitted for over 50 years by the television industry.

With the wireless technology being new and the number of potential customers unknown, several tall masts were used to provide basic radio coverage to the main populated areas.

As the way we use our phones and other technologies have changed over the past 30 years, where we locate masts is crucial.

Due to the increased data transfer necessary for the latest telecommunication services, locations of base stations must be where the local demand exists.

Digital networks.



2G

2G digital networks developed in the early 1990s.

This digital technology is also known as GSM (Global System for Mobile Communications), which is the common European operating standard. This technology enabled phones to interconnect to other networks throughout Europe and internationally.



3G

In 2000, the 'Third Generation' mobile telecommunications service was launched, known as 3G or UMTS.

In addition to voice services, this allowed broadband access to the internet for mobile phones and laptop computer data card users.



4G

2013 saw the launch of 4G services on the network.

This technology allows for ultra-fast speeds when browsing the internet, streaming videos or sending emails. It also enables faster downloads.

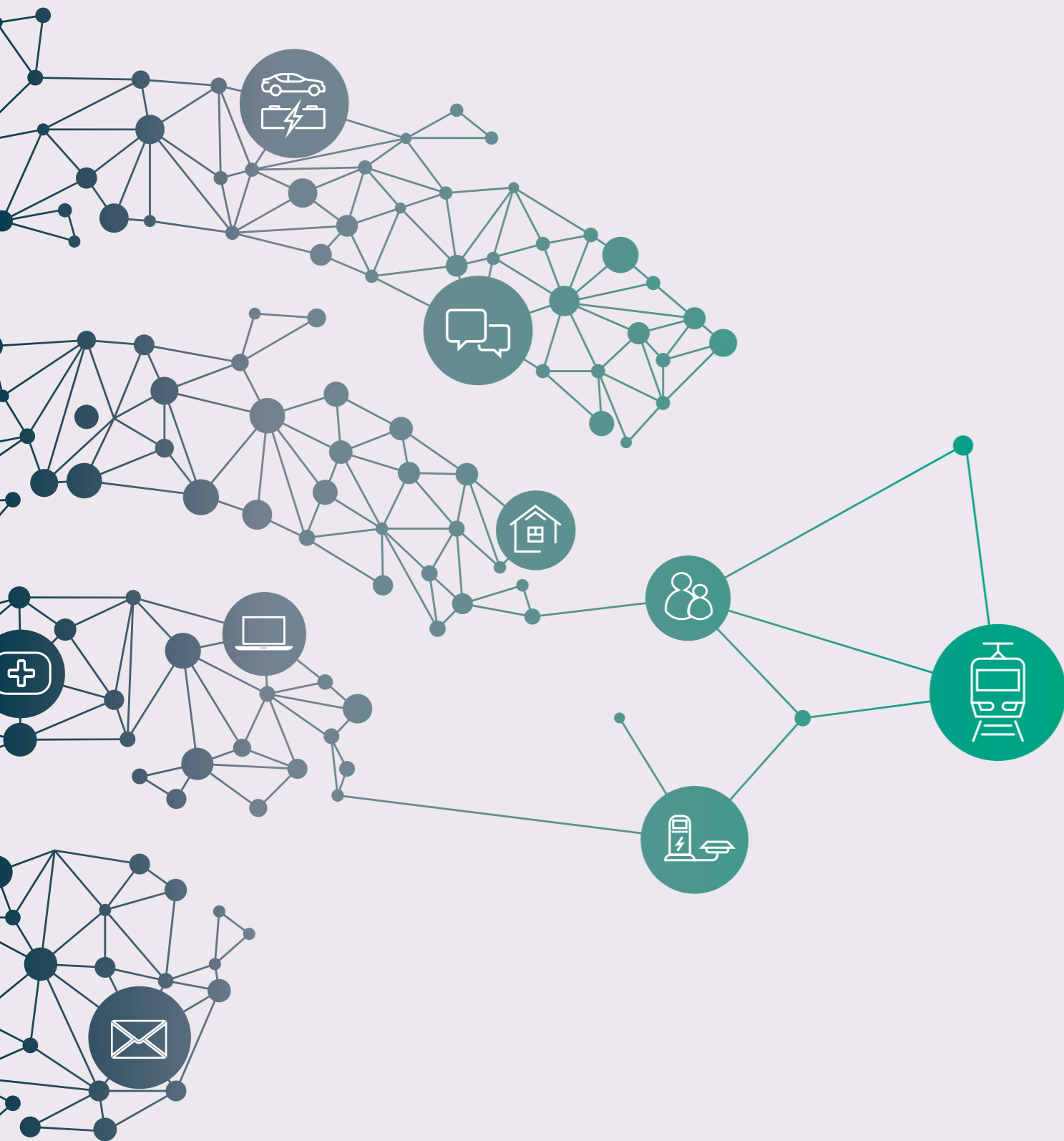


5G

2019 saw the introduction of 5G services, with the Government's ambition for the UK to become a world leader in this technology.

5G Connectivity will ensure that everyone benefits from early advantages of its potential and that the UK creates a world-leading digital economy that works for all.

What is 5G?



5G is the new generation of wireless technology that will deliver reliable and faster networks of the future, changing how we understand wireless connectivity.

The technology will see us all move from something we experience through personal devices to an integrated infrastructure across buildings, transport and utilities. The new technology will provide enormous benefits for citizens, businesses and urban regions alike.

5G will also offer a new level of underlying connectivity to transform services and create new digital ecosystems.

The economic benefit

- Businesses offering online services can extend their products to a broader audience
- Local areas and businesses can benefit from tourists and visitors as hotels, attractions, and restaurants can be booked online from anywhere in the world
- Business owners and services like doctors can provide a faster and more cost effective service by offering both online appointments and ordering
- Digital connectivity facilitates economic growth, something which the Government is keen to progress and promote

The social benefit

- Mobile communications can help people to stay in touch wherever and whenever, which can help improve social well-being
- Contacting emergency services is easier, especially in remote areas
- Using a mobile wherever you go can provide better personal security
- Having access to social networking sites and applications can keep people entertained with their lifestyles and interests

- Mobile connectivity helps promote smarter and productive ways of working. For example, working from home can help minimise commuting which can provide better work and home life balance

- Access to personal information 24/7, e.g. bank accounts, can offer efficiency and convenience

5G is the next generation of mobile connectivity, providing us with a new level of experience. It will offer immense opportunities, given the faster and more reliable connectivity that it will provide.

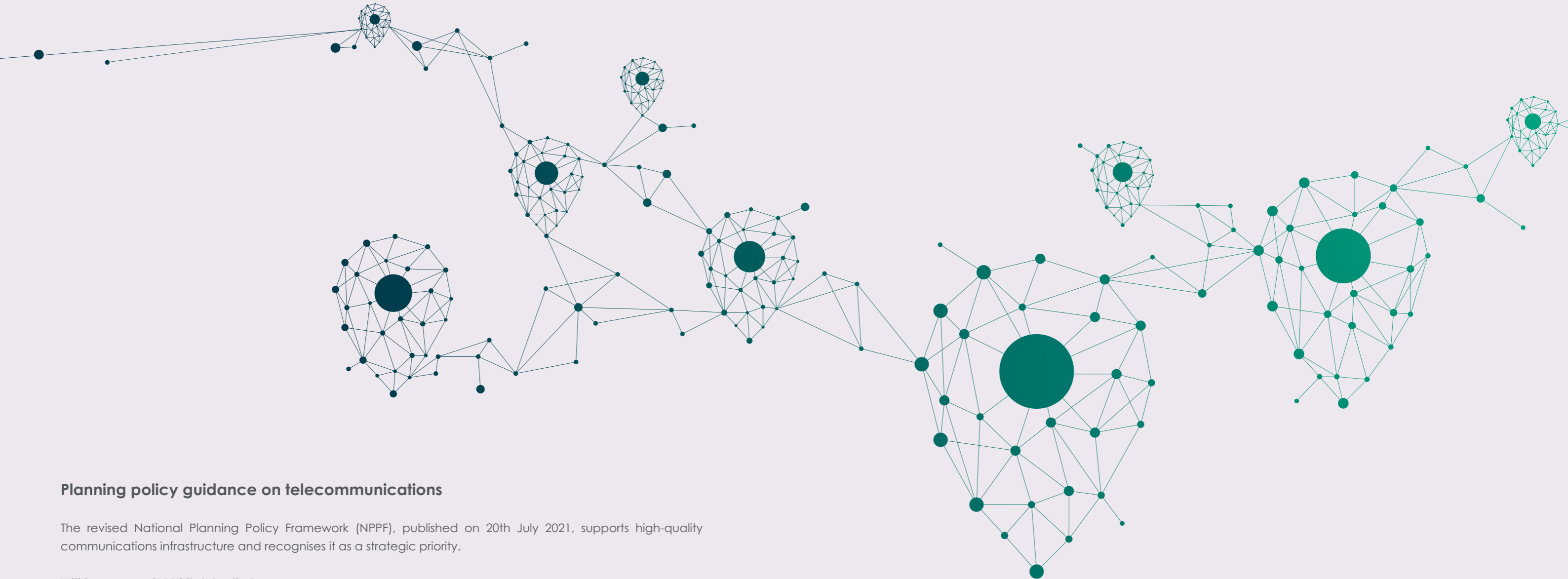
We will experience new technologies that will help us become more efficient and save costs as an individual or business.

What can we expect from 5G?

- Driverless vehicles – this will give drivers autonomy to do other things while driving
- Advanced healthcare facilities – performing surgeries remotely will be made possible, along with freeing up more GP time through better online facilities
- Enhanced Virtual and Augmented reality (AR) – used in gaming and entertainment already, with 5G, live interactions will be taken to the next level
- Greater Internet of Things (IoT) transformation – with better connected devices, the IoT will enable us to control devices more independently
- Cutting-edge agricultural operations – operating farming machinery and tools remotely will promote smart agriculture, saving time and increasing productivity for farmers

We need to continue to work together to enable the opportunities that mobile technology brings to all of us.

Planning policies.



Planning policy guidance on telecommunications

The revised National Planning Policy Framework (NPPF), published on 20th July 2021, supports high-quality communications infrastructure and recognises it as a strategic priority.

Within paragraph 114 it states that:

“Advanced, high-quality and reliable communications infrastructure is essential for economic growth and social well-being. Planning policies and decisions should support the expansion of electronic communications networks, including next-generation mobile technology (such as 5G) and full-fibre broadband connections.”

The NPPF goes on to state within Paragraph 118 that:

“Local planning authorities must determine applications on planning grounds only. They should not seek to prevent competition between different operators, question the need for an electronic communications system, or set health safeguards different from the International Commission guidelines for public exposure.”

Site/Mast sharing

Cornerstone actively encourages and supports site-sharing for both commercial and environmental reasons.

All operators are required to explore site-sharing opportunities under the terms of their licences.

Cornerstone has implemented many measures to identify and maximise site-sharing opportunities.

Consultation & legal case.

Consultation

Cornerstone is committed to carrying out appropriate consultations with Local Planning Authorities, stakeholders and the public.

The Code of Practice for Wireless Network Development in England (March 2022) gives guidance on the factors that operators should consider when determining what consultation is required, as each development is different.

These factors are equally applicable for Local Planning Authorities who carry out their own consultation once the application has been submitted.

Legal case

The following legal case may be helpful:

Harrogate case November 2004

The Court of Appeal gave a judgement that Government Planning Guidance in PPG8 (now replaced by the NPPF) is perfectly clear in relation to compliance with the Health and Safety standards for mobile phone base stations.

The Court of Appeal and the High Court both upheld Government policy in response to a planning inspector's decision that departed from that policy and failed to give adequate reasons for doing so.

Bardsey case January 2005

The Court of Appeal confirmed that the permitted development regime for mobile phone base stations is compliant with the Human Rights Act. This was a case in which a local planning authority failed to comply with its obligations to act within the 56 day period provided under the permitted development regulations.

Further information.

We trust that this document answers your main queries regarding our planned installation.

The enclosed site-specific details will identify any alternative discounted options and reasons why they were rejected and how the proposed site complies with national and local planning policies.

The Local Government Ombudsman's Special Report on Telecommunication Masts gives some positive recommendations and advice to Local Planning Authorities in determining prior approval applications.

The Digital Connectivity Portal provides guidance for local authorities and network providers on improving connectivity across the UK. Produced by DCMS, it promotes closer co-operation between network providers and local authorities, and offers guidance on effective policies and processes to facilitate deployment of digital networks.

Proud to be delivering sites for the
future of UK mobile connectivity.



Hive 2, 1530 Arlington Business Park
Theale, Berkshire, RG7 4SA
www.cornerstone.network

Our Ref: Cornerstone 13182324

26th January 2023

Gluvum Investments Ltd
Capitol House
18 Capitol Park
135 Pearce Way
Gloucester
Gloucestershire
GL2 5YD

WHP Telecoms Ltd
1a Station Court
Station Road
Guiseley
Leeds
LS20 8EY

Dear Sir / Madam,

PROPOSED ROOFTOP UPGRADE AT CSR 13182324 THE SAS BODYSHOP, 236-240 BARTON STREET, GLOUCESTER, GLOUCESTERSHIRE, GL1 4JR.

NGR: E: 384043 N: 217743

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I write to formally advise you that, on behalf of Cornerstone, I am submitting a Full Planning application to Gloucester City Council. The proposal consists of the development as described above.

In the first instance, all correspondence should be directed to the agent.

Cornerstone Site Provider Letter

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Registered in England & Wales No. 08087551.
VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

Should you require any additional information please do not hesitate to contact me (quoting cell number Cornerstone 13182324).

Yours faithfully,

[Redacted]

Planner

[Redacted]@whptelecoms.com


(for and on behalf of Cornerstone)

In accordance with The Town and Country Planning (General Permitted Development) (England) (Amendment) (No. 2) Order 2016, all correspondence to the developers, in the first instance, should be sent to: Cornerstone Community Consultation & EMF Enquiries, Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA
Email – community@cornerstone.network

In the first instance, all correspondence should be directed to the agent.

Cornerstone Site Provider Letter

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Registered in England & Wales No. 08087551.
VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

HEALTH AND MOBILE PHONE BASE STATIONS

We recognise that the growth in mobile communication has led, in some cases, to public concern about perceived health effects of mobile technology, in particular about siting masts close to local communities. Quite naturally, the public seeks reassurance that masts are not in any way harmful or dangerous.

We are committed to providing the latest independent peer-reviewed research findings, information, advice and guidance from national and international agencies on radiofrequency (RF) electromagnetic fields.

Cornerstone ensure that our radio base stations are designed and built so that the public are not exposed to radio frequency fields above the guidelines set by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). In fact, radio base stations operate at low power and emit levels of radiofrequency fields many times lower than the ICNIRP general public guidelines.

RESEARCH REVIEWS

The World Health Organisation notes that “In the area of biological effects and medical applications of non-ionizing radiation approximately 25,000 articles have been published over the past 30 years. Despite the feeling of some people that more research needs to be done, scientific knowledge in this area is now more extensive than for most chemicals: (<http://www.who.int/peh-emf/about/WhatIsEMF/en/index1.html>).

The scientific community have collated, summarised and assessed these publications into research reviews. The most influential in the UK being the Mobile Phones and Health Report (also known as the Stewart Report). These research reviews are used by Governments to develop policy on exposure to radiofrequency signals.

The Stewart Report concluded that the balance of evidence did not suggest that exposures to radio frequency fields below international guidelines could cause adverse health effects. One of the recommendations of the Stewart report was a research programme to address uncertainties regarding mobile phone base stations and health. This programme was called the Mobile Telecommunications and Health Research (MTHR) Programme. The final report from this programme was published in February 2014. The report noted that the research conducted found no evidence of adverse health effects from the radio waves produced by mobile phones or their base stations.

Since the Stewart Report, over 30 further reviews have been carried out, carefully considering many hundreds of pieces of research. Most have made similar recommendations and have come to comparable conclusions: that research should continue to address any gaps in the knowledge and that overall, the possibility of adverse health effects from mobile communications remains unproven.

In April 2012 the Health Protection Agency’s independent Advisory Group on Non-ionising Radiation (AGNIR) published a report entitled “Health Effects from Radiofrequency

Electromagnetic Fields". This report concluded that there is no convincing evidence that mobile phone technologies cause adverse effects on human health.

The World Health Organisation (WHO) noted that "A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use" WHO factsheet 193: Electromagnetic fields and public health: mobile telephones, 2014.

In 2019 Public Health England (PHE) noted that "Exposure to radio waves is not new and health-related research has been conducted on this topic over several decades. In particular, a large amount of new scientific evidence has emerged since the year 2000 through dedicated national and international research programmes"

<https://www.gov.uk/government/publications/5g-technologies-radio-waves-and-health/5g-technologies-radio-waves-and-health>

ICNIRP GUIDELINES

The radiofrequency public exposure limits for EMF fields were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) <http://www.icnirp.org> following evaluation of all the peer-reviewed scientific literature, including thermal and non-thermal effects. ICNIRP is a non-governmental organisation formally recognised by WHO. Established biological and health effects have been used as the basis for the ICNIRP exposure restrictions. These guidelines have been adopted for use in the European Union and the UK.

In 2017 ICNIRP reaffirmed that their safety guidelines provide protection against all known health effects of radiofrequency signals.

COMPLIANCE WITH INTERNATIONAL EXPOSURE GUIDELINES

All Cornerstone installations are designed and constructed in compliance with the precautionary ICNIRP public exposure guidelines as adopted in EU Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz). These guidelines have been set following a thorough review of the science and take into consideration both thermal and non-thermal effects. They protect all members of the public 24 hours a day. In addition, precautionary measures have been taken into account when setting relevant guideline limits for the public (i.e. in the UK a safety factor of 50 times is applied to the public exposure guideline).

When measured, field strengths are many times lower than the precautionary ICNIRP general public guidelines.

An ICNIRP certificate is provided with every planning application and this verifies that the mobile phone base station, when operational, will meet the precautionary ICNIRP guidelines. We also provide further documentation to clarify that the ICNIRP certificate addresses emissions from all mobile phone network operators' equipment at the proposed site.

Further Information:

World Health Organisation EMF Project

<http://www.who.int/peh-emf/en/>

International Commission on Non-Ionizing Radiation Protection (ICNIRP)

<http://www.icnirp.org/>

Public Health England (formally HPA)

<https://www.gov.uk/government/collections/electromagnetic-fields>

Or contact:

Community, Cornerstone

The Hive 2, 1530 Arlington Business Park, Theale, Berks, RG7 4SA

Email: community@cornerstone.network



SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	The SAS Bodyshop	Site Address:	The SAS Bodyshop 236-240 Barton Street Gloucester Gloucestershire GL1 4JR
National Grid Reference:	E: 384043 N: 217743		
Site Ref Number:	Cornerstone 13182324	Site Type: ¹	Macro

2. Pre Application Check List

Site Selection

Was a local planning authority mast register available to check for suitable sites by the operator or the local planning authority?		No
If no explain why: After a phone call to the LPA it was established the council do not hold this information.		
Were industry site databases checked for suitable sites by the operator:	Yes	
If no explain why:		

Site Specific Pre-application consultation with local planning authority

Was there pre-application contact:	Yes
Date of pre-application contact:	21/11/2022
Name of contact:	The Director of Planning

¹ Macro or Micro

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Cornerstone Industry Site Specific Supplementary Information (England) V.5 – 21.03.2022

Summary of outcome/Main issues raised:

Prior to the submission of this application the applicant-initiated pre-consultation discussions with the local planning authority. This provides an opportunity for the LPA to discuss development proposals and identify site specific issues.

Strategic level pre-rollout meetings are held with the LPA to discuss the necessities of the project, benefits and best practice going forward.


Annual area wide information to planning authority

Has annual area wide information been provided?	No
If no explain why:	See below
<p>Summary issues raised:</p> <p>“Cornerstones commercial relationship with Vodafone has changed, effectively increasing our independence to work with other companies in the deployment of mobile infrastructure. It means we no longer have visibility of Vodafone full update plan. However, Cornerstone is fully committed to working closely with Local Planning Authorities and following best practice guidance.</p> <p>We aim to engage and work with the planning department at the earliest opportunity from when we are instructed to deliver new infrastructure within your Local Authority area and often conduct strategic pre-rollout engagement meetings to discuss our wider rollout. If your Local Authority would like a meeting to discuss wider Cornerstone rollout plans then please advise. We recognise the importance of developing long term partnerships and will always work with you to deliver improved mobile connectivity.</p>	

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Community Consultation

Rating of Site under Traffic Light Model:		Amber	
Outline of consultation carried out:			
<p>Prior to the submission of this application the applicant initiate pre-consultation discussions with the local planning authority. This provides an opportunity for the LPA to discuss development proposals and identify site specific issues.</p> <p>No comments were received in respect to the consultation submitted at the time of submission.</p> <p>Further consultation with the local Ward Councillors for Barton and Tredworth Ward (Councillor Sajid Patel) and Richard Graham MP.</p>			
Summary of outcome/main issues raised:			
<p>No site-specific responses had been received at the time of submission.</p>			


School/College

Location of site in relation to school/college:
<p>St James C of E Junior School and Al-Ashraf primary School and Nursery are in relatively close proximity to the site.</p>
Outline of consultation carried out with school/college:
<p>St James C of E Junior School and Al-Ashraf primary School and Nursery have been notified prior to submission.</p>
Summary of outcome/main issues raised (include copies of main correspondence):
<p>There has been no response from St James C of E Junior School or Al-Ashraf primary School and Nursery at the time of submission.</p>

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Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation

Will the structure be within 3km of an aerodrome or airfield?	Yes	
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?	Yes	
Details of response: No response at the time of submission.		

Site Provider Letter

Copy of Site providers Letter enclosed?	Yes	
Date served:	26/01/2023	


3. Proposed Development

<p>The proposed site:</p> <p>The current rooftop telecommunications equipment at The SAS Bodyshop, 236-240 Barton Street, Gloucester, Gloucestershire, GL1 4JR is being upgraded with limited impact but significant new 5G connectivity benefits. The existing site can be seen below in Figures 1 – 3, the site is located off St James Street.</p> <p>Central Government attaches great importance to the design of the built environment and outlines this within Section 12 (para. 126) of the 2021 National Planning Policy Framework. It states:</p> <p><i>“Good design is a key aspect of sustainable development, creates better places in which to live and work and helps make development acceptable to communities.”</i></p> <p>In keeping with the National Planning Policy Framework (NPPF). guidelines of using: “high quality communications” (Section 10), the proposed design has been selected to minimise visual impact upon the street scene by upgrading an existing rooftop installation. Any other proposal to satisfy the identified requirement would result in the addition of a separate ground based column elsewhere in close proximity to the existing site. In our opinion, such a proposal would, in this instance, unnecessarily add to the clutter in the street scene and result in a greater visual impact.</p> <p>The presence of the existing rooftop equipment sets a clear precedent for a telecommunications development in this location and indicates that the principle of this proposal is acceptable in terms of siting.</p>
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The design of the proposed equipment upgrade is considered to be the least visually intrusive option available. Although it is accepted that there will be an increase in the height of equipment it is felt that such an increase would not detract from the character of the area in which the proposal sits. The rooftop equipment is set to the north side of the roof top and with the rooftop of the SAS Bodyshop being taller than the surrounding residential properties, there are no residential properties that directly look onto the telecommunications equipment.

In this highly populated area of Gloucester the local residents and businesses will significantly benefit from the improved wireless connectivity that this much needed upgrade will bring. With more and more people working from home, the need for improved connectivity has grown greatly.


Figure 1:



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Figure 2:




Figure 3:



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Site Ref:	13182324	Site Address:	236-240 Barton Street, Gloucester, GL1 4JR
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Local Planning Authority: Gloucester City Council

Development Plan: Gloucester, Cheltenham and Tewkesbury Joint Core Strategy 2011 - 2031 (2017) / Second Stage Deposit City of Gloucester Local Plan (2002) (not adopted) / Gloucester Local Plan 1983 (saved policies)

Fig.1: LP Plan Extract (Reference Only):



Site and its surrounds

Policy Relevant to the Development Site:

The site is designated as being within the settlement boundary, with urban uses to the north, east, south, and west. The site designation is not a material consideration.


This is an existing telecommunications site.

Gloucester City Council does not have a specific telecoms policy. Therefore, the NPPF is of relevance. The National Planning Policy section of this supporting statement goes into detailed analysis of why this site is in compliance with the NPPF.

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Policy Analysis:

The proposed development at this existing site is required to deliver the requisite level of electronic communication service on a single site that is to be adapted to accommodate multiple users (so enable future site sharing opportunities), yet seeks to minimise its visual impact or change to the character of this location (the site being as physically distant from lines of sight from residential uses as possible in this part of the City / utilising the existing infrastructure on site). The form and design of the proposed configuration would not appear out of context in this location (being seen in the same context as the existing array), so according with wider Development Plan policy, and would ensure the integrity, character and setting of the area is fully maintained.

The public benefits of a greatly enhanced communications network for businesses, residents and visitors alike in this location would qualify as a substantial benefit with near benign change or impact on amenity or on the character of the area.

The enhanced digital service would very much accord with the objectives of the Development Plan policy.

The proposal fully accords with the requirements of the NPPF.

Enclose map showing the cell centre and adjoining cells if appropriate:

This can be emailed to the LPA on request.

Type of Structure:

Description:


Proposed removal and replacement of 2No. 3m main support poles with 2No. 6m climbable support poles and 3No. Antennas with proposed 3No. Antennas. Proposed installation of 1No. GPS Module. Existing inside equipment room to be refreshed internally and associated ancillary works.

Overall Height:	+14.90m AGL
Height of existing building:	+7.86m AGL
Equipment Housing:	
Depth:	Existing Equipment room 4000
Width:	Existing Equipment room 3000
Height:	Existing Equipment room 2400

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Materials:	
Tower/mast etc – type of material and external colour:	Galvanised
Equipment housing – type of material and external colour:	Green


<p>Reasons for choice of design:</p> <p>Cornerstone is the UK's leading mobile infrastructure services company. We acquire, manage and own over 20,000 sites and are committed to enabling best in class mobile connectivity for over half of all the country's mobile customers. We oversee works on behalf of telecommunications providers and wherever possible aim to:</p> <ul style="list-style-type: none"> • promote shared infrastructure • maximise opportunities to consolidate the number of base stations • significantly reduce the environmental impact of network development <p>As stated above the National Planning Policy Framework advocates site sharing, and as such we believe that there are no sequentially preferable locations within the defined site search area. The proposed facility will provide coverage including 2G/3G/4G services and essential 5G coverage all from the same installation. This is fully in line with national guidance which supports the use of high-quality communications infrastructure and states that local planning authorities should support the expansion of electronic networks.</p>

<p>Health and Safety</p> <p>International Commission on Non-Ionizing Radiation Protection Declaration attached (see below)</p> <p>International Commission on Non-Ionizing Radiation Protection public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines.</p> <p>When determining compliance, the emissions from all mobile phone network operators on or near to the site are taken into account.</p>

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In order to minimise interference within its own network and with other radio networks, Cornerstone' operates its network in such a way the radio frequency power outputs are kept to the lowest levels commensurate with effective service provision

As part of Cornerstone's network, the radio base station that is the subject of this application will be configured to operate in this way.

All operators of radio transmitters are under a legal obligation to operate those transmitters in accordance with the conditions of their licence. Operation of the transmitter in accordance with the conditions of the licence fulfils the legal obligations in respect of interference to other radio systems, other electrical equipment, instrumentation, or air traffic systems. The conditions of the licence are mandated by Ofcom, an agency of national government, who are responsible for the regulation of the civilian radio spectrum. The remit of Ofcom also includes investigation and remedy of any reported significant interference.

The telecommunications infrastructure the subject of this application accords with all relevant legislation and as such will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest.

4. Technical Justification

Customers will inadvertently be aware of this by finding that sometimes they need to go near windows, a higher floor of a building or even outside in order to achieve a stronger signal for their mobile devices.

Tree Clutter

The effects of trees on signal degradation should never be underestimated. Signal absorption and shadowing effects vary according to vegetation and density, and are caused by the main tree trunk, branches and leaves.

Cell sites located in or near trees will have signals significantly reduced. As a result a number of extra sites may need to be built locally in order to counter-effect this.


Signal variation throughout the seasons is also a practical concern. Leaves on trees in the spring and summer can cause shadowing and reduce radio voice quality and increase the number of dropped calls.

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As a result the bottom of an antenna should be

- a) above the top level of the trees,
- b) allow greater height due to the antenna down tilt at build or for future requirements and
- c) allow some room for future growth of the trees.

In the case where the cell site utilises point-to-point microwave backhaul transmission the microwave dish should not be obscured at all.

Propagation Models

In essence these are mathematical formulae used to characterise radio wave propagation, in order to determine the received signal strength at a receiving device.

The most well-known propagation model used for mobile telecommunications is 'Okamura-Hata'. More specific studies have been performed to investigate specific clutter and terrain such as dense-urban and urban environments. Resulting from these are propagation models for specific clutter types.

Coverage Planning Tools

Radio planning engineers plan cellular networks using highly sophisticated computer programs that incorporate the above propagation models. Armed with data on cell site location, cell site configuration, maps, terrain etc they are used to predict areas of coverage deficiency (so called 'coverage holes'), new site requirements and configurations.

Network Changes

Over time the topography and clutter in an area is subject to change. For example, building developments, housing and tree growth can all change. As a consequence, the signals received from local phone masts can degrade, as they are dependent on these factors. These reasons along with customer complaints, network consolidation (mast sharing) and new technologies (5G) require a re-evaluation of a network operator's telecommunications infrastructure.

Mast sharing can result in some masts no longer being needed. As a result, they are decommissioned and physically removed.


Technical surveys undertaken for reasons above may highlight that antenna height increases are required – this is more likely for sites with low antenna heights around 15m AGL, particularly street furniture sites. More details on these reasons below.

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While thus far this document is generic to mobile telephony masts it should be noted that each mast has to be dealt with on a case-by-case basis.

ICNIRP Compliance

The addition of new technologies and mast sharing affects ICNIRP compliance – a higher minimum mast height is required in some cases.

5. Site Selection Process

If no alternative site options have been investigated, please explain why:

This is an upgrade to an existing site thus no other standalone new facilities have been investigated. A new additional mast to facilitate the upgrade would not be in line with NPPF. By upgrading the current facility the most sequentially preferable option has been progressed.

Land use planning designations:

Site Ref:	13182324	Site Address:	236-240 Barton Street, Gloucester, GL1 4JR
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Local Planning Authority: Gloucester City Council

Development Plan: Gloucester, Cheltenham and Tewkesbury Joint Core Strategy 2011 - 2031 (2017) / Second Stage Deposit City of Gloucester Local Plan (2002) (not adopted) / Gloucester Local Plan 1983 (saved policies)

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Fig.1: LP Plan Extract (Reference Only):



Site and its surrounds

Policy Relevant to the Development Site:

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This is an existing telecommunications site.

Gloucester City Council does not have a specific telecoms policy. Therefore, the NPPF is of relevance. The National Planning Policy section of this supporting statement goes into detailed analysis of why this site is in compliance with the NPPF.

Policy Analysis:


The proposed development at this existing site is required to deliver the requisite level of electronic communication service on a single site that is to be adapted to accommodate multiple users (so enable future site sharing opportunities), yet seeks to minimise its visual impact or change to the character of this location (the site being as physically distant from lines of sight from residential uses as possible in this part of the City / utilising the existing infrastructure on site). The form and design of the proposed configuration would not appear out of context in this location (being seen in the same context as the existing array), so according with wider Development Plan policy, and would ensure the integrity, character and setting of the area is fully maintained.

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The enhanced digital service would very much accord with the objectives of the Development Plan policy.

The proposal fully accords with the requirements of the NPPF

Additional relevant information:

Siting

We have considered the detailed siting and design carefully to ensure that the scheme has a limited impact on the locality, and general visual amenity.

Visual appearance

We would repeat that we have carefully placed and designed the scheme to ensure the principles of good siting and appearance are adhered to. The overall impact of the installation on the environment and building is very limited.

Consultation

In accordance with the industry '10 commitments' and the Code of Best Practice, consultation has been attempted with the planning department prior to submission of this proposal.

Conclusion

We consider the development complies with both central government and local planning policy guidance where the underlying aim is to provide an efficient and competitive telecommunication system for the benefit of the community while minimising visual impact.

Taking into account the factors of technical constraints, available sites and planning constraints we consider that this site and design clearly represents the optimum environmental solution.

On the basis of a recognised need to expand and promote telecommunications networks across the region, it is considered that the proposal fully accords with the requirements of the National Planning Policy Framework and the Council's Local Plan Policies.

Education


The relationship between 5G and education is evolving at a massive rate with educators exploring the relevance of Virtual Reality (VR) technologies for education and training. Crucially, VR can support remote learning, allowing students a presence in the classroom even when working elsewhere.

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5G's ability to deliver real-time information (low latency), ultra-fast speeds (critical for high definition images and video), increased capacity and heightened security will also allow learning on the job, thanks to technologies such as Augmented Reality (AR) goggles, which can give engineers real-time instructions on how to fix a machine on a production line, for example.

Health

Patients across the country are now becoming accustomed to relying on remote healthcare services such as NHS 111, virtual GP appointments, and ordering online deliveries of essential medical supplies.

5G will prove critical in providing the infrastructure required to deliver remote health services over the next decade. By design, 5G's ability to deliver real-time information (low latency), ultra-fast speeds (critical for high definition images and video), increased capacity and heightened security are going to be fundamental in scaling the patient benefits of remote healthcare and keeping medical records secure and private. For instance, trials have shown that connecting ambulance crews to expert resources using 5G allows paramedics to work with doctors and conduct specialist procedures in real time whilst on the road.

██████████
Planner
Email: ██████████@whptelecoms.com


Confirmation that submitted drawings have been checked for accuracy

Name: (Agent)	██████████	Telephone:	Emailed on request
Company:	Cornerstone		
Company Address:	WHP Telecoms Ltd 1a Station Court Station Road Guiseley LS20 8EY	Email Address:	██████████@whptelecoms.com
Signed:	██████████	Date:	27 th January 2023
Position:	Planner	(on behalf of Cornerstone)	

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Our ref: Cornerstone 13182324

20th January 2023

The Chief Planning Officer
Gloucester City Council
PO Box 3252
Gloucester
GL1 9FW

Dear Sir / Madam

CLARIFICATION OF THE DECLARATION OF ICNIRP COMPLIANCE ISSUED AS PART OF THE SUBMISSION ATTACHED FOR SITE (OUR REF CS 13182324) AT THE SAS BODYSHOP, 236-240 BARTON STREET, GLOUCESTER, GLOUCESTERSHIRE, GL1 4JR.

I refer to the Declaration of Conformity with ICNIRP Public Exposure Guidelines ("ICNIRP Declaration"), sent with this submission in relation to the proposed telecommunications installation as detailed above.

The "ICNIRP Declaration" certifies that the proposed site shall be operated to be in full compliance with the requirements of the radio frequency (RF) guideline limits of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for public exposure and UK legislation.

This ICNIRP declaration takes into account the cumulative effect of the emissions from the proposed installation and all radio base stations present at, or near, the proposed location.


All operators of radio transmitters are under a legal obligation to operate those transmitters in accordance with the conditions of their licence. Operation of the transmitter in accordance with the conditions of the licence fulfils the legal obligations in respect of interference to other radio systems, other electrical equipment, instrumentation, or air traffic systems. The conditions of the licence are mandated by Ofcom, an agency of national government, who are responsible for the regulation of the civilian radio spectrum. The remit of Ofcom also includes investigation and remedy of any reported significant interference.

The telecommunications infrastructure the subject of this application accords with all relevant legislation and as such will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest.

In the first instance, all correspondence should be directed to the agent.

Cornerstone ICNIRP Declaration with Clarification Letter V.4 – 17/12/2021
The updated ICNIRP Guidelines published in March 2020 are covered by this declaration.

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Registered in England & Wales No. 08087551.
VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

If you have any further enquiries concerning the "ICNIRP Declaration" certificate or anything else in this letter, then please contact me (quoting cell number CS 13182324)

Yours faithfully

The Project Manager

[REDACTED]

Design Engineer

WHP Telecoms Ltd

m.withey@whptelecoms.com

(For and on behalf of Cornerstone)

In the first instance, all correspondence should be directed to the agent.

Cornerstone ICNIRP Declaration with Clarification Letter V.4 – 17/12/2021


The updated ICNIRP Guidelines published in March 2020 are covered by this declaration.

Registered Address:

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Registered in England & Wales No. 08087551.

VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

Our ref: Cornerstone 13182324

The Chief Planning Officer
Gloucester City Council
PO Box 3252
Gloucester
GL1 9FW

Declaration of Conformity with ICNIRP Public Exposure Guidelines
("ICNIRP Declaration")

Cornerstone
Hive 2
1530 Arlington Business Park
Theale
Berkshire
RG7 4SA

Declares that the proposed equipment and installation as detailed in the attached submission at: -

The SAS Bodyshop
236-240 Barton Street
Gloucester
Gloucestershire
GL1 4JR

NGR: E: 384043 N: 217743

Shall be operated to be in full compliance with the requirements of the radio frequency (RF) public exposure limit of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and UK legislation.

Date: *20th January 2023*

Signed: _____


Name: _____

Position: *Design Engineer*

In the first instance, all correspondence should be directed to the agent.

Cornerstone ICNIRP Declaration with Clarification Letter V.4 – 17/12/2021
The updated ICNIRP Guidelines published in March 2020 are covered by this declaration.

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
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VAT No. GB142 8555 06


 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. DRAWING TO SCALE WHEN PRINTED AT A3


N.G.R. E: 384043 N: 217743

NOTES:-
DIRECTIONS TO SITE:
M5 AT JUNCTION 11, TAKE THE A40 EXIT TO CHELTENHAM/GLOUCESTER/STAVERTON AIRPORT. TAKE A40, A416, CORINIUM AVE AND EASTERN AVE/A38 TO B4073 IN GLOUCESTER. AT THE ROUNDABOUT, TAKE THE 3RD EXIT ONTO THE A40 RAMP TO GLOUCESTER/CIRENCESTER. MERGE ONTO A40. AT ELMBRIDGE CT, TAKE THE 2ND EXIT ONTO A417. AT THE ROUNDABOUT, TAKE THE 3RD EXIT ONTO CORINIUM AVE. AT THE ROUNDABOUT, TAKE THE 2ND EXIT ONTO EASTERN AVE/A38. AT THE ROUNDABOUT, TAKE THE 3RD ONTO PAINSWICK RD/B4073. PASS UNDER RAILWAY BRIDGE AND CONTINUE ALONG ROAD UNTIL IT CHANGES INTO BARTON STREET. TAKE SECOND LEFT ONTO ST. JAMES'S STREET. SITE WILL BE ON THE LEFT ON THE CORNER.

A	Issued For Approval	GN	SDUI	31-10-22
Rev.	MODIFICATION	BY	CH	DATE



ERICSSON
SDU IND TEAM



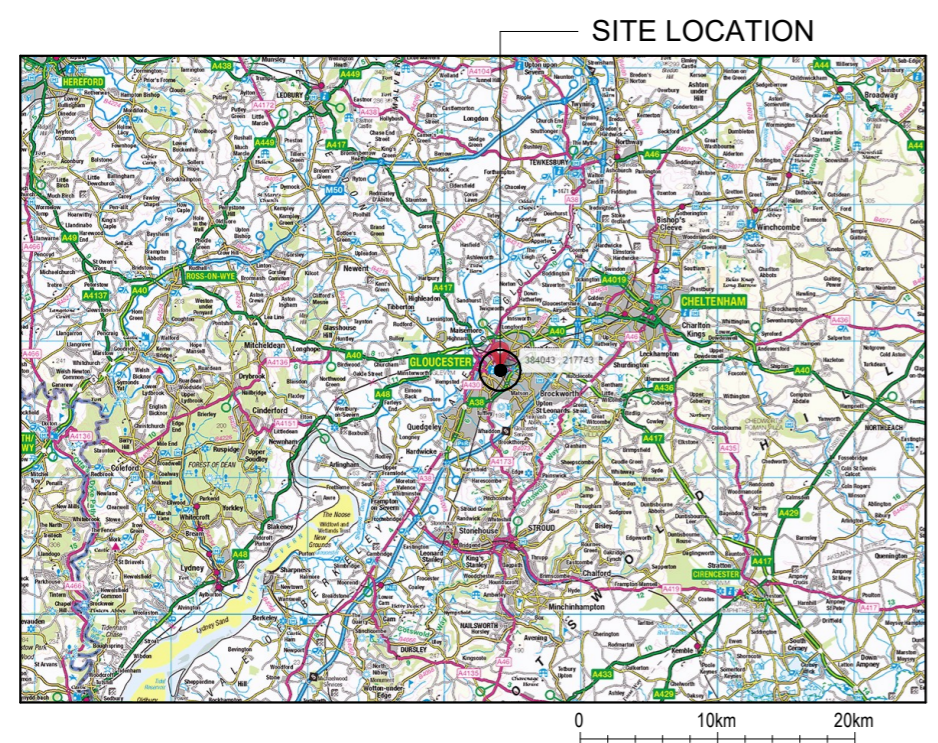
vodafone
SEAL_5G (DSS)

Cell Name		Opt.
THE SAS BODYSHOP		A
Cell ID No		
CTIL	VF	TEF
E304486		
13182324	72823_19	043219

Site Address / Contact Details
236-240 BARTON STREET
GLOUCESTER
GLOUCESTERSHIRE
GL1 4JR

Drawing Title: SITE LOCATION MAPS

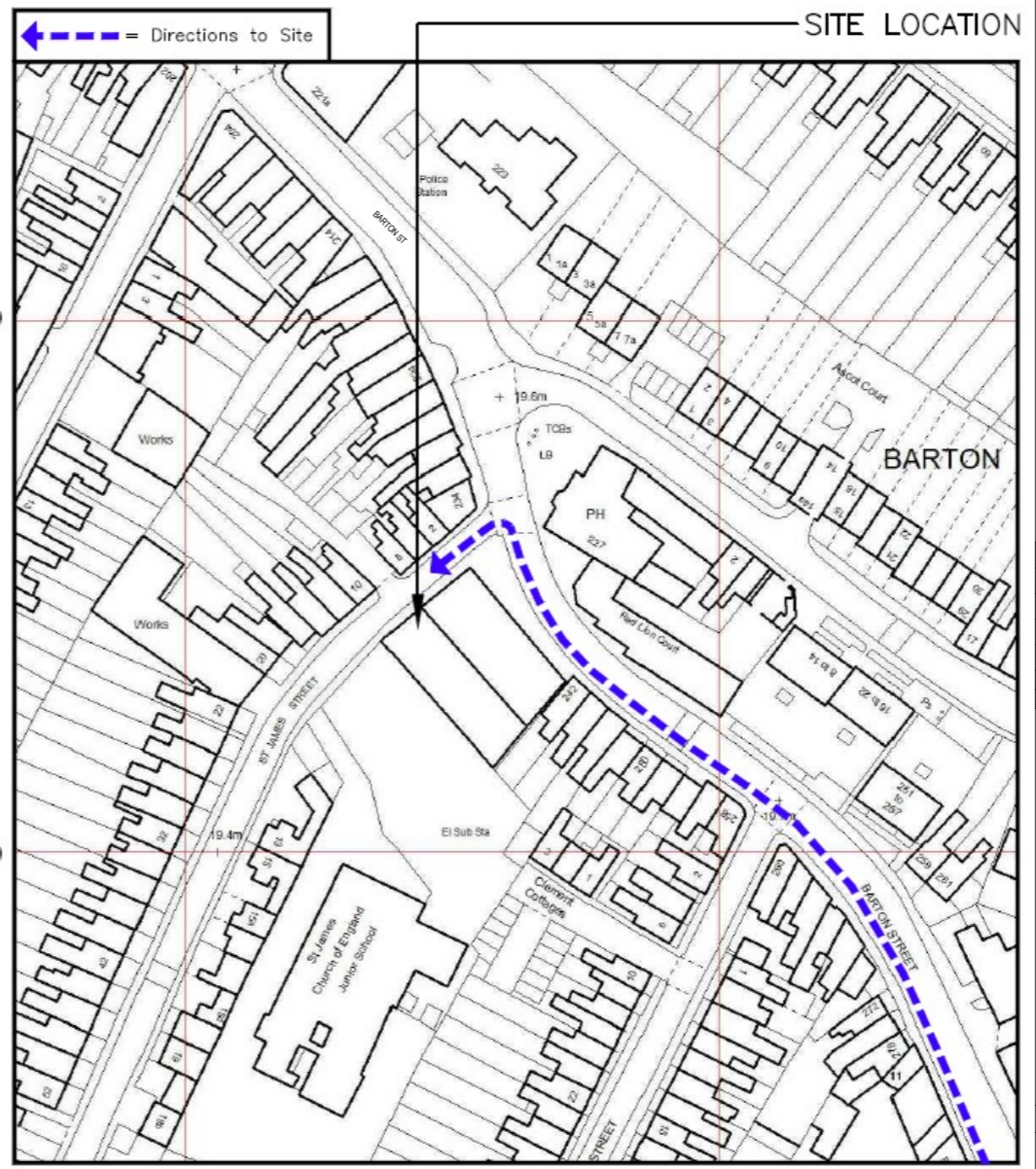
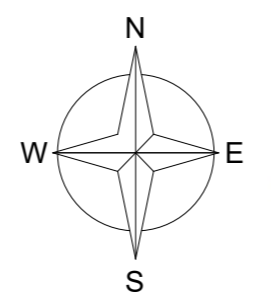
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Drawing Number:	100	A							
Surveyed By:	SF	Original Sheet Size:							
		A3							
Drawn:	GN	Date:	31-10-22	Checked:	SDUI	Date:	31-10-22	Pack Issue:	A



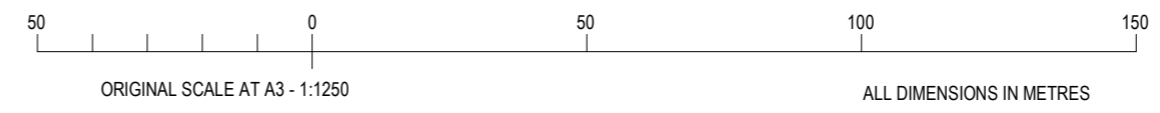
SITE LOCATION
1 : 50000
Ordnance Survey map extract based upon Landranger map series with the permission of the Controller of Her Majesty's Stationery Office Licence No. 0100023487 Crown copyright.



SITE PHOTOGRAPH

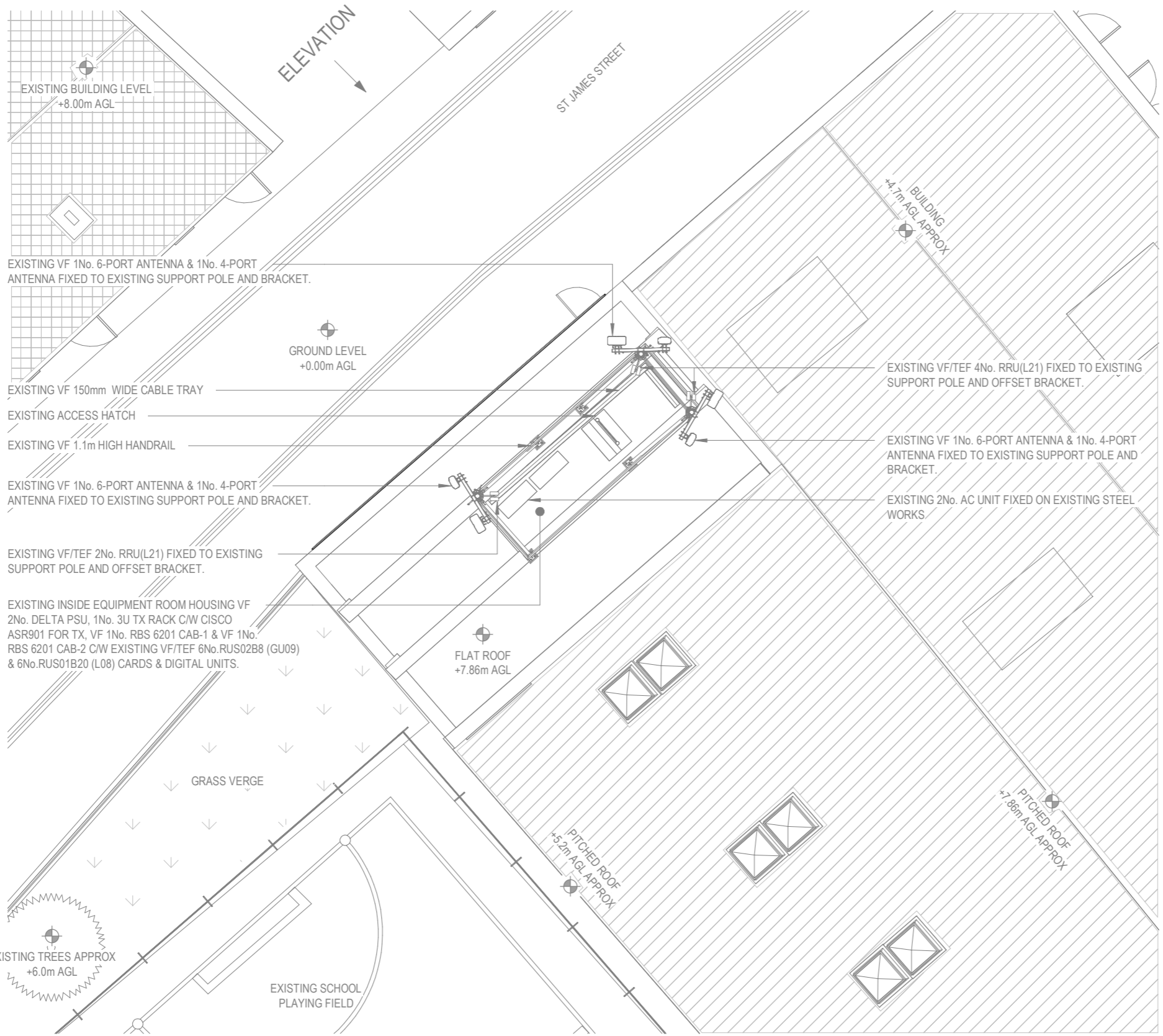
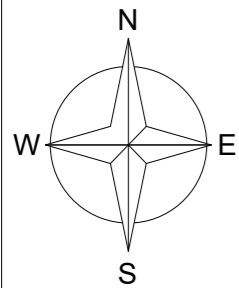


DETAILED SITE LOCATION
1 : 1250
Ordnance Survey map extract based upon Landranger map series with the permission of the Controller of Her Majesty's Stationery Office Licence No. 0100023487 Crown copyright.



These drawings comply with TEF and VF Standard ICNIRP guidelines under Configuration VM5R. Designed in accordance with Cornerstone document: SDN0009 "ICNIRP Compliance Summary (v5)"

01-11-2022 17:29:33



EXISTING BUILDING LEVEL
+8.00m AGL

GROUND LEVEL
+0.00m AGL

FLAT ROOF
+7.86m AGL

EXISTING VF 1No. 6-PORT ANTENNA & 1No. 4-PORT ANTENNA FIXED TO EXISTING SUPPORT POLE AND BRACKET.

EXISTING VF 150mm WIDE CABLE TRAY

EXISTING ACCESS HATCH

EXISTING VF 1.1m HIGH HANDRAIL

EXISTING VF 1No. 6-PORT ANTENNA & 1No. 4-PORT ANTENNA FIXED TO EXISTING SUPPORT POLE AND BRACKET.

EXISTING VF/TEF 2No. RRU(L21) FIXED TO EXISTING SUPPORT POLE AND OFFSET BRACKET.

EXISTING INSIDE EQUIPMENT ROOM HOUSING VF 2No. DELTA PSU, 1No. 3U TX RACK C/W CISCO ASR901 FOR TX, VF 1No. RBS 6201 CAB-1 & VF 1No. RBS 6201 CAB-2 C/W EXISTING VF/TEF 6No. RUS02B8 (GU09) & 6No. RUS01B20 (L08) CARDS & DIGITAL UNITS.

EXISTING VF/TEF 4No. RRU(L21) FIXED TO EXISTING SUPPORT POLE AND OFFSET BRACKET.

EXISTING VF 1No. 6-PORT ANTENNA & 1No. 4-PORT ANTENNA FIXED TO EXISTING SUPPORT POLE AND BRACKET.

EXISTING 2No. AC UNIT FIXED ON EXISTING STEEL WORKS

EXISTING TREES APPROX
+6.0m AGL

EXISTING SCHOOL PLAYING FIELD

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R. E: 384043 N: 217743

NOTES:-

A	Issued For Approval	GN	SDUI	31-10-22
Rev.	MODIFICATION	BY	CH	DATE



Cell Name	Opt.
THE SAS BODYSHOP	A

Cell ID No		
CTIL	VF	TEF
E304486		
13182324	72823_19	043219

Site Address / Contact Details
236-240 BARTON STREET
GLOUCESTER
GLOUCESTERSHIRE
GL1 4JR

Drawing Title: EXISTING SITE LAYOUT

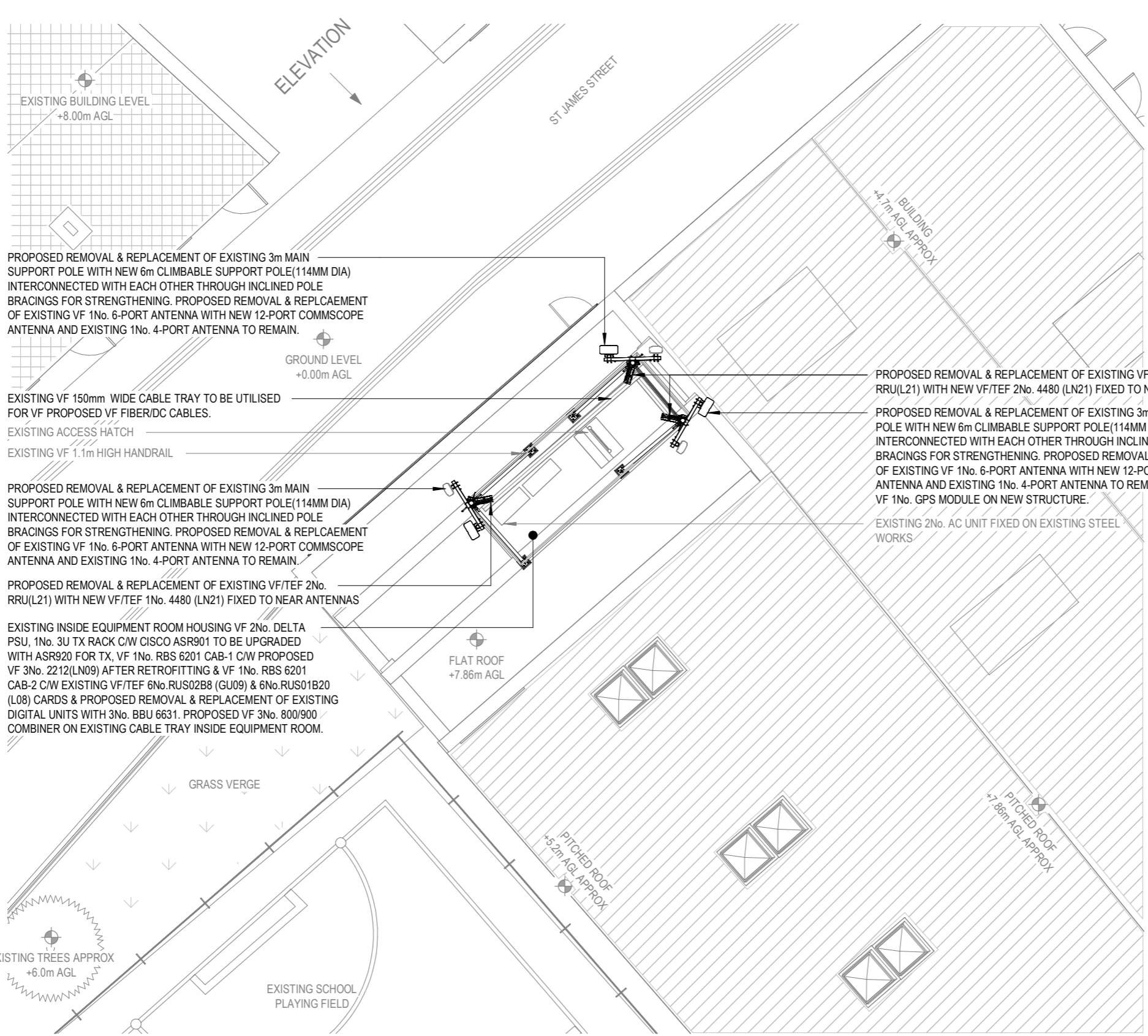
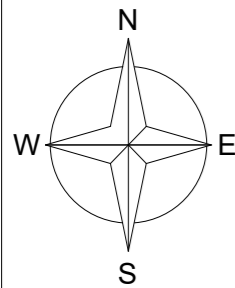
Purpose of issue: PLANNING Dwg Rev:

Drawing Number: 200 A

Surveyed By: SF Original Sheet Size: A3 Pack Issue:

Drawn: GN Date: 31-10-22 Checked: SDUI Date: 31-10-22 A

01-11-2022 17:29:46



PROPOSED REMOVAL & REPLACEMENT OF EXISTING 3m MAIN SUPPORT POLE WITH NEW 6m CLIMBABLE SUPPORT POLE(114MM DIA) INTERCONNECTED WITH EACH OTHER THROUGH INCLINED POLE BRACINGS FOR STRENGTHENING. PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF 1No. 6-PORT ANTENNA WITH NEW 12-PORT COMMSCOPE ANTENNA AND EXISTING 1No. 4-PORT ANTENNA TO REMAIN.

EXISTING VF 150mm WIDE CABLE TRAY TO BE UTILISED FOR VF PROPOSED VF FIBER/DC CABLES.

EXISTING ACCESS HATCH

EXISTING VF 1.1m HIGH HANDRAIL

PROPOSED REMOVAL & REPLACEMENT OF EXISTING 3m MAIN SUPPORT POLE WITH NEW 6m CLIMBABLE SUPPORT POLE(114MM DIA) INTERCONNECTED WITH EACH OTHER THROUGH INCLINED POLE BRACINGS FOR STRENGTHENING. PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF 1No. 6-PORT ANTENNA WITH NEW 12-PORT COMMSCOPE ANTENNA AND EXISTING 1No. 4-PORT ANTENNA TO REMAIN.

PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF/TEF 2No. RRU(L21) WITH NEW VF/TEF 1No. 4480 (LN21) FIXED TO NEAR ANTENNAS

EXISTING INSIDE EQUIPMENT ROOM HOUSING VF 2No. DELTA PSU, 1No. 3U TX RACK C/W CISCO ASR901 TO BE UPGRADED WITH ASR920 FOR TX, VF 1No. RBS 6201 CAB-1 C/W PROPOSED VF 3No. 2212(LN09) AFTER RETROFITTING & VF 1No. RBS 6201 CAB-2 C/W EXISTING VF/TEF 6No. RUS02B8 (GU09) & 6No. RUS01B20 (L08) CARDS & PROPOSED REMOVAL & REPLACEMENT OF EXISTING DIGITAL UNITS WITH 3No. BBU 6631. PROPOSED VF 3No. 800/900 COMBINER ON EXISTING CABLE TRAY INSIDE EQUIPMENT ROOM.

PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF/TEF 4No. RRU(L21) WITH NEW VF/TEF 2No. 4480 (LN21) FIXED TO NEAR ANTENNAS

PROPOSED REMOVAL & REPLACEMENT OF EXISTING 3m MAIN SUPPORT POLE WITH NEW 6m CLIMBABLE SUPPORT POLE(114MM DIA) INTERCONNECTED WITH EACH OTHER THROUGH INCLINED POLE BRACINGS FOR STRENGTHENING. PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF 1No. 6-PORT ANTENNA WITH NEW 12-PORT COMMSCOPE ANTENNA AND EXISTING 1No. 4-PORT ANTENNA TO REMAIN. PROPOSED VF 1No. GPS MODULE ON NEW STRUCTURE.

EXISTING 2No. AC UNIT FIXED ON EXISTING STEEL WORKS

PROPOSED SITE LAYOUT

1 : 100



These drawings comply with TEF and VF Standard ICNIRP guidelines under Configuration VM5R. Designed in accordance with Cornerstone document: SDN0009 "ICNIRP Compliance Summary (v5)"

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R. E: 384043 N: 217743

NOTES:-
VOD: H14 + J12 + 3xMJ25 (PROPOSED)
ANTENNA 1 : Commscope RRZVV-65B-R6N43
AZIMUTHS: 120°/240°/0°
TOP/CL/US : 14.90m/13.85m/12.80m
ANTENNA 2 : Kathrein 80010665
AZIMUTHS: 120°/240°/0°
TOP/CL/US : 14.90m/13.90m/12.90m

1. ASBESTOS REPORT REQUIRED.
2. STRUCTURAL CALCS & SURVEY REQUIRED.
3. LL FIRE RISK ASSESSMENT REQUIRED.
4. BUILDING REGS APPLICATION REQUIRED.
5. ELECTRICAL DESIGN CALCS REQUIRED.

A	Issued For Approval	GN	SDUI	31-10-22
Rev.	MODIFICATION	BY	CH	DATE

ERICSSON
SDU IND TEAM

vodafone
SEAL_5G (DSS)

Cell Name	Opt.
THE SAS BODYSHOP	A

Cell ID No		
CTIL	VF	TEF
E304486		
13182324	72823_19	043219

Site Address / Contact Details
236-240 BARTON STREET
GLOUCESTER
GLOUCESTERSHIRE
GL1 4JR

Drawing Title: PROPOSED SITE LAYOUT

Purpose of issue: PLANNING Dwg Rev: A

Drawing Number: 201 A

Surveyed By: SF Original Sheet Size: A3 Pack Issue: A

Drawn: GN Date: 31-10-22 Checked: SDUI Date: 31-10-22 A

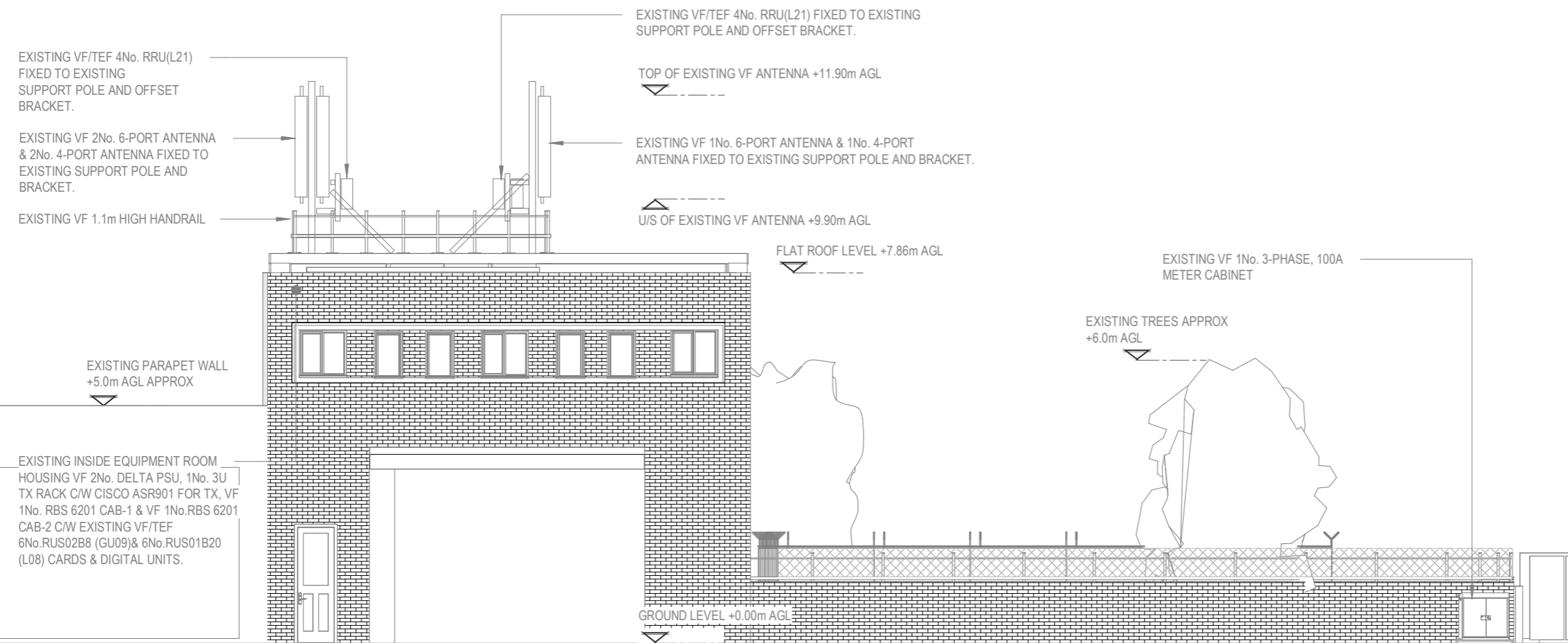
01-11-2022 17:30:00

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R. E: 384043 N: 217743

NOTES:-

Rev.	Issued For Approval	GN	SDUI	31-10-22
A	MODIFICATION	BY	CH	DATE



EXISTING NORTH-WEST ELEVATION

1 : 100



ORIGINAL SCALE AT A3 - 1:100

ALL DIMENSIONS IN MILLIMETERS



Cell Name	Opt.
THE SAS BODYSHOP	A

Cell ID No		
CTIL	VF	TEF
E304486		
13182324	72823_19	043219

Site Address / Contact Details
236-240 BARTON STREET
GLOUCESTER
GLOUCESTERSHIRE
GL1 4JR

Drawing Title:
EXISTING NORTH-WEST ELEVATION

Purpose of issue:	Dwg Rev:
PLANNING	A

Drawing Number:	A
300	

Surveyed By:	Original Sheet Size:	Pack Issue:
SF	A3	A

Drawn:	Date:	Checked:	Date:
GN	31-10-22	SDUI	31-10-22

01-11-2022 17:30:07

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R. E: 384043 N: 217743

NOTES:-

VOD: H14 + J12 + 3xMJ25 (PROPOSED)
ANTENNA 1 : Commscope RRZVV-65B-R6N43
AZIMUTHS: 120°/240°/0°
TOP/CL/US : 14.90m/13.85m/12.80m
ANTENNA 2 : Kathrein 80010665
AZIMUTHS: 120°/240°/0°
TOP/CL/US : 14.90m/13.90m/12.90m

1. ASBESTOS REPORT REQUIRED.
2. STRUCTURAL CALCS & SURVEY REQUIRED.
3. LL FIRE RISK ASSESSMENT REQUIRED.
4. BUILDING REGS APPLICATION REQUIRED.
5. ELECTRICAL DESIGN CALCS REQUIRED.

PROPOSED REMOVAL & REPLACEMENT OF EXISTING 3m MAIN SUPPORT POLE WITH NEW 6m CLIMBABLE SUPPORT POLE (114MM DIA) INTERCONNECTED WITH EACH OTHER THROUGH INCLINED POLE BRACINGS FOR STRENGTHENING. PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF 2No. 6-PORT ANTENNA WITH NEW 12-PORT COMMSCOPE ANTENNA AND EXISTING 2No. 4-PORT ANTENNA TO REMAIN. PROPOSED VF 1No. GPS MODULE ON NEW STRUCTURE.

PROPOSED REMOVAL & REPLACEMENT OF EXISTING 3m MAIN SUPPORT POLE WITH NEW 6m CLIMBABLE SUPPORT POLE (114MM DIA) INTERCONNECTED WITH EACH OTHER THROUGH INCLINED POLE BRACINGS FOR STRENGTHENING. PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF 1No. 6-PORT ANTENNA WITH NEW 12-PORT COMMSCOPE ANTENNA AND EXISTING 1No. 4-PORT ANTENNA TO REMAIN.

PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF/TEF 4No. RRU(L21) WITH NEW VF/TEF 2No. 4480 (LN21) FIXED TO NEAR ANTENNAS

PROPOSED REMOVAL & REPLACEMENT OF EXISTING VF/TEF 2No. RRU(L21) WITH NEW VF/TEF 1No. 4480 (LN21) FIXED TO NEAR ANTENNAS

EXISTING VF 1.1m HIGH HANDRAIL

EXISTING PARAPET WALL +5.0m AGL APPROX

EXISTING INSIDE EQUIPMENT ROOM HOUSING VF 2No. DELTA PSU, 1No. 3U TX RACK C/W CISCO ASR901 TO BE UPGRADED WITH ASR920 FOR TX, VF 1No. RBS 6201 CAB-1 C/W PROPOSED VF 3No. 2212(LN09) AFTER RETROFITTING & VF 1No. RBS 6201 CAB-2 C/W EXISTING VF/TEF 6No. RUS02B8 (GU09) & 6No. RUS01B20 (L08) CARDS & PROPOSED REMOVAL & REPLACEMENT OF EXISTING DIGITAL UNITS WITH 3No. BBU 6631. PROPOSED VF 3No. 800/900 COMBINER ON EXISTING CABLE TRAY INSIDE EQUIPMENT ROOM.

TOP OF EXISTING & PROPOSED VF ANTENNA +14.90m AGL

U/S OF PROPOSED VF ANTENNA +12.80m AGL

U/S OF EXISTING VF ANTENNA +12.90m AGL

C/L OF PROPOSED VF ERS's +12.30m AGL

FLAT ROOF LEVEL +7.86m AGL

EXISTING VF 1No. 3-PHASE, 100A METER CABINET

EXISTING TREES APPROX +6.0m AGL

GROUND LEVEL +0.00m AGL

PROPOSED NORTH-WEST ELEVATION

1 : 100



These drawings comply with TEF and VF Standard ICNIRP guidelines under Configuration VM5R. Designed in accordance with Cornerstone document: SDN0009 "ICNIRP Compliance Summary (v5)"

A	Issued For Approval	GN	SDUI	31-10-22
Rev.	MODIFICATION	BY	CH	DATE

Cell Name	Opt.
THE SAS BODYSHOP	A

Cell ID No		
CTIL	VF	TEF
E304486		
13182324	72823_19	043219

Site Address / Contact Details
236-240 BARTON STREET
GLOUCESTER
GLOUCESTERSHIRE
GL1 4JR

Drawing Title:
PROPOSED NORTH-WEST ELEVATION

Purpose of issue:	Dwg Rev:
PLANNING	

Drawing Number:	A
301	

Surveyed By:	Original Sheet Size:	Pack Issue:
SF	A3	

Drawn:	Date:	Checked:	Date:
GN	31-10-22	SDUI	31-10-22

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