



SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	Fortress Walk	Site Address:	Highway Land at Fortress Walk, Kentish Town, London NW5 1NT
National Grid	528935		
Reference:	185374		
Site Ref	70829	Site Type:1	Microcell (Streetworks)
Number:			

2. Pre Application Check List

Site Selection (for New Sites only)

(Would not generally apply to upgrades/alterations to existing site including redevelopment or replacement of an existing site to facilitate an upgrade or sharing with another operator)

Was a local planning authority mast register available to check for suitable sites by the operator or the local planning authority?	Yes	
If no explain why:		
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:	No
Date of pre-application contact:	Mail sent 7 th October 2021
Name of contact:	
Summary of outcome/Main issues raised: No feedback received	

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

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¹ Macro or Micro





Community Consultation

Green
21
nclude copies of relevant

School/College

Location	of site in	relation ⁻	to schoc	ol/college	(include	name o	of school/	colleae):
2000000	01 011 0 111	101011011			111010010			

None in proximity

Outline of consultation carried ou	t with school/college	(include evidence of
consultation):		

Summary of outcome/main issues raised (include copies of main correspondence):

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation (only required for an application for prior approval)

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

Developer's Notice

Copy of Developer's Notice enclosed?		Yes	
Date served:	25 th November	2021	

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3. Proposed Development

The proposed site:

Cornerstone and Telefónica are in the process of progressing proposals for a radio base station at the above.

As part of Telefónica's continued network improvement program, there is a specific requirement for a new site at the above, in order to provide maintained, extended and improved 3G and 4G coverage and capacity, in this busy part of London.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

This can be achieved by installing two small microcell antennas on a small (6m) microcell pole, on land at Fortress Walk, within the general highway area. <u>It should</u> be noted that the adjoining equipment cabinet does NOT form part of this application, but is shown for the sake of completeness and clarity

The pole will be an unobtrusive small structure, located within proximity to a number of trees, existing equipment cabinets, bollards and some street signs. Moreover, there are lampposts located along Fortress Walk and Highgate Road which are approximately 8-10m in height. All these elements help to place the microcell pole in context, within what is predominantly a highways environment.

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

N/A - Microcells provide localised coverage and capacity, and supplement the macro layer coverage

Type of Structure (e.g. tower, mast, etc): Description:

Small microcell pole (6m total height).

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





Overall Height: 6m				
Height of existing building (where applic	cable): N/A	Metres		
Equipment Housing: N/A (DOES NOT FO	RM PART OF THIS APP	LICATION)		
Length:		-		
Width:		-		
Height:		-		
Materials (as applicable):				
Tower/mast etc – type of material and	Steel; Black (RAL 900	D5)		
external colour:				
Equipment housing – type of material	N/A			
and external colour:				

Reasons for choice of design, making reference to pre-application responses:

The scheme represents a very simple microcell installation, consisting of some small microcell antennas, mounted on a small microcell pole (6m in height). It should be noted that the adjoining equipment cabinet does NOT form part of this application, but is shown for the sake of completeness and clarity

To provide the required improved coverage and capacity, it is necessary to deploy the microcell antennas on a small pole. However, this will be placed within what is largely a highways environment, with a range of items that one would expect to find, notably, signage, bins, equipment cabinets, and some trees which help to provide both screening and a backdrop. In addition, there are a number of much taller lampposts along Fortress walk and Highgate Road. Given this, we do not believe that there will any discernible impact on the locality.

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Technical Information

	ommission on Non-	Yes	
Ionizing Radiation	on Protection ached (see below)		
Decidiation an	actied (see below)		
International Co	ommission on Non-		
•	on Protection public		
compliance is a mathematical of	-		
	y careful location of		
	ess restrictions and/or		
•	nage as necessary.		
Members of the	ter areas close to the		
•	e exposure may exceed		
the relevant gu	idelines.		
 When determin	ing compliance, the		
	all mobile phone		
	ors on or near to the site		
are taken into c	account.		
In order to mini	mise interference within		
	k and with other radio		
	efonica operates its ch a way the radio		
	ver outputs are kept to		
	els commensurate with		
effective servic	e provision		
As part of Tel	efonica's network, the		
	on that is the subject of		
	n will be configured to		
operate in this v	vay.		
All operators o	f radio transmitters are		
-	obligation to operate		
those transmitte	ers in accordance with as of their licence.		
Operation of			
accordance w	ith the conditions of the		
licence fulfils t	he legal obligations in		

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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

Enclose predictive coverage plots if appropriate, e.g. to show coverage improvement. Proposals to improve capacity will not generally require coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity

As part of Cornerstone and Telefónica's continued network improvement program, there is a specific requirement for a new site at the above, in order to provide maintained, extended and improved 3G and 4G coverage and capacity, in this busy part of London.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

This can be achieved by installing two small microcell antennas on a small (6m) microcell pole, on land at Fortress Walk, within the general highway area. It should be noted that the adjoining equipment cabinet does NOT form part of this application, but is shown for the sake of completeness and clarity

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The pole will be an unobtrusive small structure, located within proximity to a number of trees, an existing cabinet, a street bin, and some street signs. Moreover, there are lampposts located along Fortress Walk and Highgate Road which are approximately 8-10m in height. All these elements help to place the microcell pole in context, within what is predominantly a highways environment.

In terms of benefit, we would refer you to the attached brochure produced by Cornerstone, entitled '**The Public Benefit of Mobile Connectivity**'

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Cornerstone, Hive 2,

www.cornerstone.network





5. Site Selection Process

Alternative sites considered and not chosen (not generally required for **upgrades/alterations to existing sites** including redevelopment of an existing site to facilitate an upgrade or sharing with another operator)

Site Type	Site name and address	National Grid Reference	Reason for not choosing site
Building	Kentish Town Fire Station, Highgate Road NW5 1NT	528933 185383	Unwilling to accommodate an installation
Building	11-15 Fortress Road, NW5 1AD	528968 185387	Insufficient space to accommodate an installation, while the building is also locally listed
Building	9 Fortress Road NW5 1AS	528963 185367	Insufficient space to accommodate an installation
Building	12 Highgate Road NW5 1AS	528940 185355	Insufficient space to accommodate an installation
Building	Christ Apostolic Church, 23 Highgate Road NW5 1JY	528895 185372	Grade II listed, and unsuitable for an installation of this nature
Building	Kentish Town Forum, 9-17 Highgate Road NW5 1JY	528912 185339	Grade II listed, and unsuitable for an installation of this nature

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

Environmental Information:

N/A

Land use planning designations:

None

Additional relevant information:

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Siting

We have considered the detailed siting and design carefully to ensure that the scheme has a limited impact on the visual amenity of the area. In this case, the installation of 1 no. small microcell pole, positioned close to some street trees, a number of existing street furniture cabinets, and some signage, within an area that is a highways environment, should have no appreciable impact on the locality. This is particularly the case when considered in the context of the much larger and taller lampposts along Highgate Road.

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 is very limited.

As above, the scheme is minor, comprising of the installation of two small microcell antennas on a small (6m) microcell pole, on land at Fortress Walk, within the general highway area. In addition, it is planned to deploy 1 no. small cabinet adjacent, although this does NOT form part of this application.

We have provided a simple photomontage in order to demonstrate the nature and appearance of the proposal, and its setting within the existing environment. This demonstrates that it is a minor scheme, with limited impact.

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.

Planning Policy

National Policy

This proposal and the work undertaken prior to submission has had full and proper regard to both central Government guidance and Local Plan Policy.

The National Planning Policy Framework Details Government guidance on planning for telecommunications development. This confirms the principle policy of the Government to facilitate the growth of new and existing telecommunication systems, whilst keeping the environmental impact to a minimum.

Relevant extracts from the (revised) NPPF are as follows:

114. Advanced, high quality and reliable communications infrastructure is essential for economic growth and social well-being. Planning policies and decisions should

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support the expansion of electronic communications networks, including next generation mobile technology (such as 5G) and full fibre broadband connections.

115. The number of radio and electronic communications masts, and the sites for such installations, should be kept to a minimum consistent with the needs of consumers, the efficient operation of the network and providing reasonable capacity for future expansion. Use of existing masts, buildings and other structures for new electronic communications capability (including wireless) should be encouraged. Where new sites are required (such as for new 5G networks, or for connected transport and smart city applications), equipment should be sympathetically designed and camouflaged where appropriate

118. 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.

This application includes the requisite ICNIRP certification.

In addition, the revised Code of Best Practice (November 2016) also emphasises the government's commitment to improved communications infrastructure and coverage. Relevant extracts from this document are as follows:

1.3 The principal aim of this Code is to ensure that the Government's objective of supporting high quality communications infrastructure, which is vital to continued economic prosperity and social inclusion for all, is met. The development of such infrastructure must be achieved in a timely and efficient manner, and in a way which balances connectivity imperatives and the economic, community and social benefits that this brings with the environmental considerations that can be associated with such development.

2.1 The continued expansion and development of mobile networks is a key element of the National Infrastructure Delivery Plan 2016 – 2021. This recognises that digital communications are now a crucial component of everyday life, with improvements in connectivity being key to a vibrant economy.

2.2 Consumers, businesses and public bodies increasingly rely on mobile communications and expect to receive a signal wherever they are. Coverage in rural areas is recognised as a vital component for maintaining economic activity and social inclusion.

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2.3 Recent changes in planning policy [and regulation] are intended to align with Government communications policy, where the ultimate goal is to achieve mobile coverage wherever it is needed.

2.4 The National Planning Policy Framework ('NPPF') acknowledges that high quality communications infrastructure is essential for sustainable economic growth and sets out the Government's planning policies for England, and how they are expected to be applied.

2.5 The NPPF advises that the purpose of the planning system is to contribute to the achievement of sustainable development, which it states has three dimensions: economic, social and environmental and that local planning authorities should work proactively with applicants to secure developments that improve the economic, social and environmental conditions of the area.

3.3 The NPPF is clear that local planning authorities should not seek to prevent competition between operators or question the need for the telecommunications system. The systems tend to be demand-led or to fulfil coverage obligations. With the ever increasing demand for data hungry applications available to a range of connected devices, such as smart phones and tablets, the requirement to upgrade and improve networks through changes to existing sites and the development of new sites is constant. As most parts of the country move onto a superfast highway, so the need to bring coverage to 'not spots' (i.e. areas where there is no mobile coverage from any operator) and improve coverage in 'partial not spots' (i.e. where there is some coverage, but not from all operators) intensifies.

5.8 The mobile telecommunications network is a crucial piece of national infrastructure in economic, community and social terms. However, it is delivered locally, with planning permission, where applicable, being decided by the local planning authorities of England.

5.9 Increasing consumer demand, especially for data is putting demands on mobile operators for improved connectivity and more capacity on their networks. This is driven by the widespread adoption of smartphones and the rapid uptake of tablet devices, and the way consumers are now using them, often choosing to do so when they have a fixed connection available. In addition, the Government has ambitious aspirations for improving connectivity and coverage, especially in rural areas. All these factors result in the need to continually upgrade and improve mobile networks, which will not function without the necessary infrastructure on which they rely.

It is our view that this particular scheme falls squarely in line with the above guidance and policy

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London Plan

The London Plan (March 2021) sets out the Mayor's planning strategy for Greater London and contains strategic thematic policies, general crosscutting policies and more specific guidance for sub-areas within the Metropolitan Area.

It is considered that the Cornerstone and Telefonica network is an integral element in securing the Mayor's vision for the delivery of modern communications networks across London. More specifically, the proposed development is entirely consistent with and will help to implement the strategic objectives contained in Policy SI 6 'Digital Connectivity Infrastructure' of the Plan. Policy SI 6, and its written justification is clearly supportive of the proposal and the role that it will perform in allowing Cornerstone/Telefónica UK Ltd to provide improved 3G and 4G coverage to the surrounding area.

The Mayor's Office works with central government and London's local authorities to ensure that strategic communication networks are enabled rather than inhibited by the planning and other regulatory systems (whilst ensuring the utility works themselves are properly managed).

The Telefonica network is an integral element in securing the Mayor's vision for the delivery of modern communications networks across London. More specifically, the proposed development is entirely consistent with and shall help to implement the strategic objectives contained in the London Plan and London Infrastructure Plan.

The new London Plan has been completed as at March 2021, and at Policy SI 6, there remains a requirement to encourage and develop the provision of digital infrastructure, stating that:

"To ensure London's global competitiveness now and in the future, development proposals should:....

2) meet expected demand for mobile connectivity generated by the development...

4) support the effective use of rooftops and the public realm (such as street furniture and bins) to accommodate well-designed and suitably located mobile digital infrastructure"

In addition:

"Access for network operators to rooftops of new developments should be supported where an improvement to the mobile connectivity of the area can be identified. Where possible, other opportunities to secure mobile connectivity improvements should also be sought through new developments, including for example the creative use of the public realm."

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National Infrastructure Commission In March 2016, the National Infrastructure Commission was asked to consider what the UK needs to do to become a world leader in 5G deployment, and to ensure that the UK can take early advantage of the potential applications of 5G services. In doing so, it highlighted the importance of mobile connectivity. It reported as follows:

"The Commission's central finding is that mobile connectivity has become a necessity. The market has driven great advances since the advent of the mobile phone. But Government must now play an active role to ensure that basic services are available wherever we live, work and travel....

The mobile sector contributes an estimated $\pounds4.5$ billion per annum to national economic output and is a major British industry in its own right, with the four largest mobile operators providing over 35,000 full-time equivalent jobs, and supporting some 140,000 UK jobs overall

The introduction of 4G services, since 2012, has provided access to considerably faster data speeds and lower latency, and given rise to the various new services and applications we are now accustomed to in the smart phone age. This has resulted in an enormous increase in data rate usage per user, as streaming of services, such as video becomes commonplace. 2014 saw total data demand increased by 53 per cent in the UK (per active mobile SIM), similar to the increase seen in 2013.

As a result of these advances and the ability for increasingly sophisticated mobile devices to reach a mass market, mobile telecommunications and mobile services more broadly, are now established at the heart of our society and economy. They have fundamentally changed how we stay in touch, make purchases, view entertainment and participate in wider networks, and are increasingly important to business, where a digital transformation is underway. Indeed, a basic level of mobile service provision is increasingly regarded as a utility."

Matt Warman's Keynote Speech at Connected Britain 2020 On 23rd September, Digital Infrastructure Minister Matt Warman spoke about ongoing work by the government and telecoms industry to boost the UK's world class digital connectivity. Notable extracts from this speech as follows:

"I thought that I would reflect on the changed times that we are living in. COVID has altered the way we live, work and, most importantly, stay connected with our family and friends. The digital infrastructure that keeps us all connected was essential to our daily way of life under lockdown - and is now more important than ever as we

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head into recovery. Many of these changes - such as increased working from home - will stay with us for the foreseeable future.

People in this sector have long referred to the internet as "the fourth utility" - and it's true. For countless people across the country, having fast and reliable broadband and a good mobile connection is as essential and vital to our daily lives as gas, water and electricity.....

...Underpinning all of this work is our new digital strategy, which the Secretary of State announced we will be publishing this Autumn.

The Strategy will set out how we will drive growth in the tech sector and economy, and ensure we maximise the benefits of a tech-led economic recovery.

And to bring us full circle, at the strategy's heart will be our vision for providing worldclass digital infrastructure to all, in a way that is safe, secure and built for the future.

The world is in the middle of a digital revolution. COVID has accelerated this process, digitising almost every part of our everyday lives and making the infrastructure that connects us more important than ever. That's why it is at the top of the government's agenda."

Local Plan Policy

In terms of Local Plan Policies, by virtue of Section 70 of the Town & Country Planning Act 1990 [further enshrined in section 38(6) of the Planning and Compulsory Purchase Act 2004], development should be in accordance with development plan policies, unless material considerations indicate otherwise.

Local plan policy is now contained in the new Camden Local Plan adopted July 2017. The new Camden Local Plan was adopted on 3rd July 2017, and has replaced both the adopted Core Strategy and the Development Policies document.

There is, however, no discernible telecommunications policy (paragraph 5.10 recognises the importance of digital infrastructure). Given this lack of policy, reliance must be placed on the NPPF, and other national guidance.

Health & Safety

We would remind the Council that the Government has set out its clear view on the issue of health and perceived view of health risks in paragraph 118 of the NPPF:

"Local planning authorities must determine applications on planning grounds only. They should not...set health safeguards different from the International Commission guidelines for public exposure."

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As above, and included within this application, Cornerstone and Telefonica have confirmed this installation will be fully ICNIRP compliant.

Conclusion

Cornerstone and Telefonica have a clear requirement for an upgraded installation within this particular area, to provide improved 3G and 4G network coverage and capacity.

Cornerstone and Telefonica considers that the proposed development strikes an appropriate balance between the technical needs of the site and the advantages that this type of technology brings, with the requirement to ensure that any impact on the appearance and character of the area and building is the minimum possible, in accordance with both national and local planning policy and guidance.

Confirmation that submitted drawings have been checked for accuracy

Name: (Agent) Company:	Alan Neale Sitec Infrastructure Services	Telephone:	01223 792150
Address:	8200 Cambridge Research Park, Beach Drive, Waterbeach, Cambs CB25 9TL	Email Address:	aneale@sitec- is.co.uk
Signed:	Alan Neale	Date:	30 th November 2021
Position:	Consultant Planner	(on behalf of Cornerstone)	

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