

## SUPPLEMENTARY INFORMATION

### 1. Site Details

Site Name:	Camden TFL substation	Site Address:	Camden High Street, Camden Town London NW1 8NH
National Grid Reference:	496731/176848		
Site Ref Number:	76750	Site Type: <sup>1</sup>	Macro (Rooftop)

### 2. Pre Application Check List

#### Site Selection (for New Sites only)

(Would not generally apply to upgrades/alterations to existing sites)

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: Camden does not have a published mast register.		
Were industry site databases checked for suitable sites by the operator:	Yes	
<a href="http://www.sitefinder.ofcom.org.uk/">http://www.sitefinder.ofcom.org.uk/</a>		

#### Annual Area Wide Information to local planning authority

Date of information submission to local planning authority	October 2015
Name of Contact:	Chief Planning Officer
Summary of any issues raised:	No response recieved

#### Pre-application consultation with local planning authority

Date of written offer of pre-application consultation:	07/09/2016
Was there pre-application contact:	No
Date of pre-application contact:	
Name of contact:	

<sup>1</sup> Macro or Micro

Summary of outcome/Main issues raised:  None received to date.
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### Ten Commitments Consultation

Rating of Site under Traffic Light Model:	Red	<b>Amber</b>	Green
Outline of consultation carried out:  Detailed information and drawings were emailed to the following councillors:  Councillor Callaghan, Councillor Cotton and Councillor Petragnoli			
Summary of outcome/main issues raised:  No responses have been received as a result of the consultation			

### School/College

Location of site in relation to school/college ( <i>include name of school/college</i> ):  Hawley Primary School is located on Buck Street.
Outline of consultation carried out with school/college ( <i>include evidence of consultation</i> ):  On 7 <sup>th</sup> September letters were posted to the head teacher and the Chair of School Governors.
Summary of outcome/main issues raised:  To date no responses have been received.

### 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?	Yes	<b>No</b>
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?	Yes	<b>No</b>
Details of response:  n/a		

## Developer's Notice

Copy of Developer's Notice enclosed?		N/a
Date served:	Notice served on Site Provider 26 <sup>th</sup> September 2016.	

### 3. Proposed Development

The proposed site:

#### **Surrounding area**

The application property is located on the western side of Camden High Street. The host building is 19 metres in height and has a flat roof. Surrounding buildings are terraces and are approximately 9 metres in height and form part of the main shopping area of Camden Town. The site is located within Camden Town High Street conservation area but is not listed.

#### **Proposal**

The proposed scheme comprises of the installation of 6No. antennas painted to match the existing brickwork. The antennas will be painted to match the existing brickwork and do not protrude above the building and therefore do not break the skyline. The proposal is for O2 and Vodafone and therefore will allow 2 operators to share the site. The equipment cabinets are proposed at the rear of the building and are located on the lower roof level and associated development.

#### **Design Considerations**

The antennas are to be mounted to the face of the building and coloured to match the building to ensure that they are concealed as much as possible. The antennas are proposed at a height of 19 metres. The antennas will not protrude above the roof line and therefore do not punctuate the skyline. The antennas will be coloured to ensure that they are not as visually apparent. A photomontage is submitted as part of this application. The equipment cabinets are proposed to be located at the rear of the building, at lower roof level and therefore will not be visible from public vantage points.

It is not considered that the installation will be detrimental to the Conservation Area, as the design is sensitive. The antennas are located below the roof line and coloured to match the building.

#### **Background**

There is no history of telecoms on this site.

Enclose map showing the cell centre and adjoining cells:

Please refer to the coverage plots which form part of this application.

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

Description:	
Facemounted antennas located on a building	
Overall Height:	
Height of existing building ( <i>where applicable</i> ):	approx. 19 Metres
Equipment Housing: - please refer to drawing 76750 – CTIL-501	
Length:	n/a
Width:	n/a
Height:	n/a
Materials ( <i>as applicable</i> ):	
Tower/mast etc – type of material and external colour:	Antennas coloured to match brickwork.
Equipment housing – type of material and external colour:	Grey.

Reasons for choice of design:
<p>This design has been selected as it is not visually intrusive to the Conservation Area, and will not be detrimental to the area as a whole. The antennas will not protrude above the roof line and therefore do not punctuate the skyline. The antennas will be coloured to ensure that they are not as visually apparent. The equipment cabinets are proposed to be located at the rear of the building and therefore will not be visible from public vantage points.</p> <p>The design allows for the operator to provide upgraded 3G coverage and to introduce 4G technology in the area.</p> <p>In addition with the advancement of technology and the increase of 4G speeds this area of Camden will need to catch up with surrounding areas otherwise it will be at an economic disadvantage contrary to the spirit of NPPF.</p>

4. Technical Information

	Yes	No
<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> <p>In order to minimise interference within its own network and with other radio networks, CTIL operates its network in such a way the radio frequency power outputs are kept to the lowest levels commensurate with effective service provision</p> <p>As part of CTIL's network, the radio base station that is the subject of this application will be configured to operate in this way.</p> <p>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.</p>		

<p>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.</p>		
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5. Technical Justification

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

In this part of Camden the radio coverage falls below the levels required to provide adequate high speed indoor services in this urban area hence a new site will be required as there are no sites in the vicinity which would provide the required level of coverage.

This site forms part of a wider plan across the area to develop and improve network coverage which will allow faster downloading and the reduction in call drop outs.

Coverage Plots are submitted with this application and it can clearly be seen that there are coverage holes. The site will provide much needed coverage and capacity to this area and will provide improved coverage to the north and north west of Camden and provide capacity and coverage in and around Camden Station the area is dense with a massive footfall of commuters in and around this area. Without this site the area will continue to suffer from insufficient levels of coverage and capacity, many buildings will be without indoor coverage and the area will suffer from very poor service and data rates.

Coverage - The licence granted to CTIL demands that strict coverage qualities are met. It is essential that the benefits of mobile telephones are available for all the population. The changing customer use of mobile phones also demands that networks and coverage is available at home, in the workplace, while shopping, enjoying leisure activities or while on the move.

Quality - In order to ensure coverage within buildings such as homes, shops, offices etc. the radio signal has to be of sufficient strength to penetrate walls. In urban and suburban areas a dense network of base stations is therefore required, some less than 1 km apart.

Capacity - As the use of and demand for mobile phones has increased the number of sites required to provide Network capacity has increased.

Each cell or base station can only handle a finite number of calls so in areas of high use additional cells are required to meet demands on the network and thus avoid existing cells going into congestion.

The radio implication of the site: Radio signals are transmitted through the network by using fixed links at such frequencies that necessitate an uninterrupted line of sight. To achieve this, the installation must reach a sufficient height above surrounding buildings and trees. The installation must also be in a position to provide good in building radio coverage to the target area.

It is for these reasons that it is important to achieve a service of quality for mobile users. The main complaints received by mobile telephone operators about their service relate to the problems associated with dropped calls and no service. As more and more people are using tablets and smart phones there is a need to ensure that existing sites can meet this demand. This is one such site as due to the location of the site there is a high level of traffic to the site and customers will be affected without the introduction of an additional site.

Please refer to the coverage plots which clearly show the need for the site.



6. 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	Site Name and address	National Grid Reference	Reason for not choosing
Plaza	193 Camden High London NW1 7PS		This site failed at acquisition stage.
	12 Oval Road London NW1 7PS		There are a number of operators already on the site. The scheme was considered to be more visually intrusive as the antennas would have to be pole mounted. Additionally the position of the site is not as good as the application site and would not fulfil the coverage requirements.
Gilbey House	14 Jamestown Road, London NW1 7BY		No response from the site provider therefore a scheme could not be progressed.
Ice Works	34-36 Jamestown Road London NW1 7BY		No response from the site provider therefore unable to progress a scheme.

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

**Land use planning designations:**

Camden Town Conservation Area

Additional relevant information (planning policy and material considerations):

Section 54A of the Town and Country Planning Act 1990 (as amended)(now section 38 (6) of the Planning and Compulsory Purchase

Act 2004) states that Local Planning Authorities should determine proposals in accordance with development plan policies, unless material considerations indicate otherwise. Material considerations may include, inter alia, central government guidance, High Court and Inspector's decisions etc.

### **Local Policy**

The core strategy was adopted in 2010 and the following policy is relevant in the determination of this proposal.

#### **Policy CS14 – Promoting high quality places and conserving our heritage**

The development policies DPD was adopted in 2010 and the following policy is relevant in the determination of this proposal.

#### **Policy DP25 – Conserving Camden's heritage**

In relation to these policies, the proposal is for a new telecoms site but it does utilise an existing building. The proposal will not have a detrimental impact on Camden Town Conservation Area as the antennas do not break the skyline and are colour coded to match the existing building.

### **National Planning Policy Framework**

This legislation was introduced on 27th March 2012 and replaces Planning policy Guidance notes and Planning Policy Statements.

The legislation was introduced to help to achieve sustainable development, sustainable means ensuring that that we create better lives for ourselves and not creating worse lives for future generations. Development means growth.

In relation to this policy the following paragraphs are relevant in determining this application:

Section 5 – Supporting high quality communication infrastructure  
Section 7 – requiring good design

In relation to the above policy, it is considered that the antennas have been carefully positioned and coloured to match the building. It is considered that the proposal does not have a detrimental impact on the area.

An ICNIRP certificate has been submitted as part of the application confirming that the proposal complies with guidelines.

Of particular relevance to the determination of this application is Paragraphs 42,43 and 46.

Paragraph 42, Advanced, high quality communications infrastructure is

essential for sustainable economic growth. The development of high speed broadband technology and other communications networks also plays a vital role in enhancing the provision of local community facilities and services.

Paragraph 43, in preparing Local Plans, local planning authorities should support the expansion of electronic communications networks, including telecommunications and high speed broadband. They should aim to keep the numbers of radio and telecommunications masts and the sites for such installations to a minimum consistent with the efficient operation of the network. Existing masts, buildings and other structures should be used, unless the need for a new site has been justified. Where new sites are required, equipment should be sympathetically designed and camouflaged where appropriate.

Paragraph 46, Local planning authorities must determine applications on planning grounds. They should not seek to prevent competition between different operators, question the need for the telecommunications system or determine health safeguards if the proposal meets International Commission guidelines for public exposure.

In relation to the above the proposal is required for the efficient operation of the network it has been considered that the proposal has been carefully assimilated in the streetscene and makes use of an existing building. All other options have been carefully considered and discounted for either technical reasons, operational reasons or visual prominence. Additionally it is to allow the provision of high quality communications infra structure essential for sustainable economic growth which will benefit the community and local residents. It is therefore considered taking all these factors into consideration that the proposal is the best available option and therefore complies with the aims and objectives of the NPPF.

#### Contact Details

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Signed:	_____	Date:	_____
Position:	Associate Planner	Company:	Bilfinger GVA Norfolk House Norfolk Street Manchester M2 1DW
		(on behalf of CTIL and above operator)	