

SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	308-314 Kings Road	Site Address:	308-314 Kings Road, Reading, Berkshire, RG1 4HP
National Grid Reference:	E472863, N173191		
Site Ref Number:	23401vf	Site Type: ¹	Rooftop 5G Upgrade

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?		No
If no explain why: Upgrade of existing rooftop base station		
Were industry site databases checked for suitable sites by the operator:		No
If no explain why: As above		

Site Specific Pre-application consultation with local planning authority

Was there pre-application contact:	Yes
Date of pre-application contact:	5/08/2019
Name of contact:	N/A
Summary of outcome/Main issues raised: No response Received to date.	

Community Consultation

Rating of Site under Traffic Light Model:			Green
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¹ Macro or Micro

Outline of consultation carried out: Ward Councillors letters dated 5/08/2019 Redlands Ward
Summary of outcome/main issues raised (include copies of relevant correspondence): No Responses received

School/College

Location of site in relation to school/college (include name of school/college): Wigwam Nursery within 250m
Outline of consultation carried out with school/college (include evidence of consultation): Wigwam Nursery Consulted 5/08/2019
Summary of outcome/main issues raised (include copies of main correspondence): No response received to date.

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:		

Developer's Notice

Copy of Developer's Notice enclosed?	Yes	
Date served:	29/08/2019 by Recorded Delivery	

3. Proposed Development

The proposed site:
1 storey modern residential building with existing rooftop plant room and Base station, located within predominantly residential area to east of Reading town centre.

Enclose map showing the cell centre and adjoining cells if appropriate:
No coverage plots as 5G upgrade of existing rooftop base station

Type of Structure (e.g. tower, mast, etc):	
Description:	
Remove 3 No antennas, install 6 No antennas on new pole mounts and 2 No. 0.6m diameter transmission dishes on poles and 6 No. ERS modules on free standing frames, and 1 No. GPS module on wall of existing rooftop cabin and ancillary cabling.	
Overall Height:	
Height of existing building (where applicable):	22.5 Metres
Equipment Housing:	N/A
Length:	Metres
Width:	Metres
Height:	Metres
Materials (as applicable):	
Tower/mast etc – type of material and external colour:	N/A
Equipment housing – type of material and external colour:	N/A

Reasons for choice of design, making reference to pre-application responses:
5G Upgrade of existing base station. Only requires prior approval of siting and appearance of new rooftop poles supporting the antennas, as these are now considered masts following the Forsythia House (Lewisham LB vs Vodafone Ltd) High court decision. Reading Adopted Local Plan contains Policy DM21 Telecommunications Development, which is relevant to this proposal and is in accordance with

the national policy guidance in NPPF (2019) section 10 on digital connectivity.

This proposal seeks to upgrade an existing base station to 5G capacity which will allow integration of SMART applications within this part of Reading. This negates the need for a new ground based mast and utilises an existing rooftop base station.

The proposed equipment has been sited to minimise impact as far as practicable given its technical and operation requirements but does not detract from the apperanace of this building, given its sisginificant scale, height and modern design. Neither will it have an adverse impact on the c harcater or appearance of the wider predominantly residential area or streetscene as viewed from Kings Road.

It reporesents the optimum option for coverage in this area and is compliant with both local development plan policy and the relevant national planning guidance.

Technical Information

International Commission on Non-Ionizing Radiation Protection Declaration attached (see below) 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. When determining compliance the emissions from all mobile phone network operators on or near to the site are taken into account. In order to minimise interference within its own network and with other radio networks, (NAME OF OPERATOR) operates its network in such a way the radio frequency power outputs are kept to the	Yes	
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lowest levels commensurate with effective service provision As part of (NAME OF OPERATOR)'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.		
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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

No Plots as will cover similar target area to existing base station.

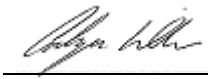
5. Site Selection Process

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
None as upgrade.			

If no alternative site options have been investigated, please explain why: 5G upgrade of existing base station
Environmental Information (refer to Section 2 of Site Finder Report): N/A
Land use planning designations (if Heritage Statement is required then include here or make reference to attached Heritage Statement): None
Additional relevant information (include planning policy and material considerations): N/A

Confirmation that submitted drawings have been checked for accuracy

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Signed:	Head of Town Planning	Date:	31/08/2019
Position:		Company:	
		(on behalf of Cornerstone and above operator)	