

# ENGLAND

## SUPPLEMENTARY INFORMATION V1.0

### 1. Site details

Site Name	<i>Buckland Court</i>	Site Address	<i>Buckland Court, 37 Belsize Park, London, NW3 4ED</i>
NGR	<i>526795,184722</i>		
Site Ref Number	<i>37039</i>	Site Type <sup>1</sup>	<i>Macro</i>

### 2. Pre Application Check list

#### Site selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?		No
if no explain why <i>Direct consultation with Camden Council was undertaken.</i>		
Was the industry site database checked for suitable sites by the operator?	Yes	
if no explain why		

#### Annual roll out consultation with LPA

Date of last annual rollout information/ submission	<i>October 2004</i>
Name of contact	<i>Chief Planning Officer</i>
Summary of outcome/Main issues raised  <i>General annual rollout proposals for year 2005/06.</i>	

#### Pre-application consultation with LPA

Date of written offer of pre-application consultation	<i>23<sup>rd</sup> June 2006</i>
Was there pre-application contact	Yes
Date of pre-application contact	<i>7<sup>th</sup> July 2006</i>
Name of contact	<i>Charles Thuairé</i>
Summary of outcome/Main issues raised <i>LPA advised that they would have no problem in principle with the addition of a further telecoms installation on this property on the basis that the proposed scheme replicated that of the current scheme, that justification was provided to show that no other high buildings are suitable and available for use and that the beam of greatest intensity did not fall into the Hall Junior School playground opposite.</i>	

<sup>1</sup> Macro or micro

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## 10 Commitments Consultation

Rating of Site under Traffic Light Model		Amber	
<b>Outline Consultation carried out</b> <i>LPA, Ward Councillors, London Assembly Member and Local MP</i>			
<b>Summary of outcome/Main issues raised</b> <i>No responses received.</i>			

## School/College

<b>Location of site in relation to school/college (include name of school/college)</b>  <i>Schools in the immediate vicinity are Eton Nursery, Primrose Nursery, Belsize Square Synagogue Nitzanim Nursery, North Bridge House School, Oliver's Montessorri Nursery School.</i>	
Outline of consultation carried out with school/college (if relevant). (include evidence of consultation) <i>Consultation letters sent on 23<sup>rd</sup> June 2006 (Copies enclosed)</i>	
Summary of outcome/Main issues raised  <i>No responses received.</i>	

## Civil Aviation Authority/Secretary of State for the 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 (only required for an application for prior approval)

Copy of Developer's Notice enclosed		No
Date served	N/A	

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## 3.0 Proposed Development

The proposed site
<i>Installation of 4 antennas, within cladding disguised as a chimney, and 4 equipment cabinets on the roof of Buckland Court.</i>

Enclose map showing the cell centre and existing sites within the cell and adjoining cells
<i>Enclosed</i>

Type of Structure (e.g. tower, mast, etc):	
Description <i>Pole mounted antennas within shrouds colour matched to the existing brickwork.</i>	
Overall Height: 20.55m	
Height of existing building (where applicable)	16.9m
Equipment Housing: 3x	
Length	0.77m
Width	0.77m
Height	1.94m
Equipment Housing: 1x	
Length	1.198m
Width	0.746m
Height	1.3m
Materials (as applicable)	
Tower/mast etc – type of material and external colour	<i>Antennas within GRP cladding designed to resemble chimneys and colour matched to the existing brickwork.</i>
Equipment housing – type of material and external colour	<i>Steel – grey or to LPA specification.</i>

Reasons for choice of design
<b><i>The site has been chosen as an existing telecoms site and the design selected to replicate the current telecoms installation. The placing of the antennas within GRP shrouds resembling chimneys will completely disguise the antennas and the additional shrouds will help balance the current telecoms installation and re-establish the symmetry of the roofline.</i></b>

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## 4.0 Technical information

Frequency	2G – 900/1800Mhz 3G - Downlink 2124.9 to 2134.9 MHz Uplink 1934.9 to 1944.9 MHz
Modulation characteristics <sup>2</sup>	2G - GMSK 3G - QPSK
Power output (expressed in EIRP in dbM per carrier) In order to minimise interference within its own network and with other radio networks, O2 operates its network in such a way that radio frequency power outputs are kept to the lowest levels commensurate with effective service provision. As part of O2's network, the radio base station that is the subject of this application will be configured to operate in this way.	2G - 53dbM 3G - 60dbM
Height of antenna (m above ground level)	20.55m (to top)

## 5.0 Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
<i>2G increased capacity coverage – part of the 2G rollout for Greater London</i>  <i>3G increased coverage.</i>  <i>See attached plots..</i>

<sup>2</sup> The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase Modulation.  
The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation.

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## 6.0 Site selection process – alternative sites considered and not chosen

Site <sup>3</sup>	Site Name and address	NGR	Reason for not choosing <sup>4</sup>
RT	Tavistock Centre, 120 Belsize Lane, London	526625,184683	SP – The landlords, Tavistock & Portland NHS Trust are unwilling to entertain any further operators.
RT	44 Belsize Lane, London	526880,184992	SP – the Landlord has not responded to our written approaches leading O2 to reasonably conclude that he is unwilling to accommodate their equipment.
RT	The Belsize, 39 Belsize Lane, London	526910,184984	SP – the Landlord has not responded to our written approaches leading O2 to reasonably conclude that he is unwilling to accommodate their equipment.
RT	St Peters Church, Belsize Lane, London	526882,184773	SP – the vicar was unable to commit to an O2 proposal as he is retiring in a couple of months. The Church Warden, when approached, did not respond to our written enquiries approaches leading O2 to reasonably conclude that he is unwilling to accommodate their equipment.
RT	Portland Court, Belsize Park	526795,184722	T,P – the roof area remaining following the T-Mobile installation is limited and it was felt to be more technically feasible and more visually sympathetic to utilise the adjacent building where a scheme could balance the T-Mobile installation.
RT	Buildings to the west in Swiss Cottage.		T – the coverage hole for 3G could not be addressed from these buildings to the west. (See plots and planning statement)

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

<sup>3</sup> ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield

<sup>4</sup> SP - Site Provider, RD - Redevelopment Not Possible, T - Technical Difficulties, P – Planning

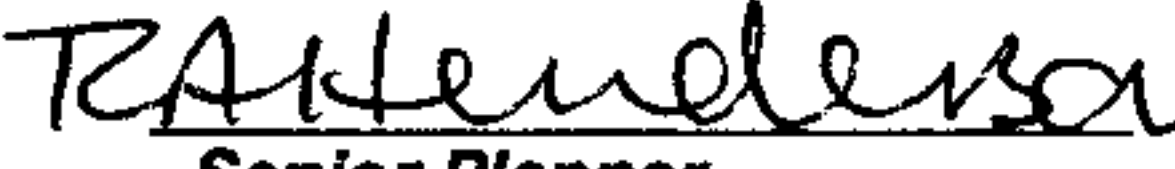
O – Other

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## Additional relevant information

*See attached justification*

## Contact Details

Name	<u>Robin Henderson</u>	Telephone	<u>01444 476551</u>
Operator	<u>O2</u>	Fax no	<u>01444 476541</u>
Address	<u>The Old Hospital,</u> <u>Ardingly Rd, Cuckfield,</u> <u>Haywards Heath.</u> <u>West Sussex, RH17 5HF</u>	Email address	<u>robin.henderson@turnerandpartners.co.uk</u>
Signed	<u></u>	Date	<u>4/8/06</u>
Position	<u>Senior Planner</u>	Company	<u>Turner &amp; Partners Telecom Services</u>
		(on behalf of the above operator)	