

Supporting Statement

*in respect of full planning
application/GPDO application*

On behalf of Orange PCS Ltd

Re: Spaniards End

Our ref: GLN8344

Date 30/08/2006

*Richard Fogarty
TCI*

*Willow Court ,Minns Business Park
7 West Way
Oxford OX2 0JB*

T +44 (0) 1865 261300 F +44 (0) 1865 261301

1.0 Proposed Development

1.1 The Site

The proposed site is situated on adopted highways land adjacent to Spaniards Road. There are flats approximately 40m south east. Along Spaniards Road there are numerous trees which provide good screening when approaching from the south.

The proposal is in keeping with existing street furniture.

1.2 The Proposal

Consideration has had regard to technical, engineering, environmental and land use planning considerations within the design of the proposed telecommunications installation.

The principal components of the proposed development are outlined on the Supplementary Information Template, and the general layout illustrated on the attached site layout plan and elevations (Drawing Numbers GLN8344/A/01 Rev A).

The proposed development consists of a new 10.3m lamppost monopole with an omni-antenna within the structure at the top. There will be one equipment cabinet and one small feeder cabinet.

The site was chosen because it is as far away from residential properties as possible and still capable of delivering the required coverage to the area. With this site, continuous 3G coverage will be provided to the area.

There are existing trees providing screening and an existing H3G telecoms installation of similar structure. It is considered that the structure will not alter the street scene. In addition, allowance has also been made for keeping the height in line with the existing H3G structure.

2.0 Regulatory Statements

Orange Personal Communications Services Limited (Orange) is licensed under the *Telecommunications Act 1984* to run a mobile radio telecommunication system and to provide mobile radio telecommunication services.

Orange 3G Ltd has also been licensed to provide and maintain a UMTS telecommunications service to an area where at least 80% of the population of the UK live by 31 December 2007¹.

Although professional and business usage has been significant from the inception of mobile telephony, social and consumer usage is now a very important growth area. Of tel's most recent residential survey² shows that mobile ownership continues to rise.

By May 2001, 70% of UK adults claimed to have a mobile up from 67% in February 2001. Furthermore, 78% of UK homes now have at least one mobile phone and 6% of homes only use mobile phones.

As of the end of September 2001, the Orange UK active customer base stood at 12.2 million, a 47% increase on the 8.3 million active customer base at the same time last year and consolidates Orange's position at the number one UK operator in terms of active customers.

The most recent market information published by Of tel³ demonstrates that there are now over 43 million mobile subscribers within the UK, equating to a penetration rate of around 71% of the UK population.

¹ Third Generation Mobile Licence, schedule 1, s4(a)

² Consumers' use of Mobile Telephony: Summary of Of tel Residential Survey May 2001

³ Of tel Effective Competition Review: Mobile 26 September

3.0 *How the System Works*

I enclose a self-explanatory document entitled 'Network and 3G information'. This has been produced by Orange and explains how mobile phones work, the technical issues behind the siting of base stations and also introduces the new system commonly referred to as 3G or Third Generation.

4.0 *Pre-application Consultation*

4.1 *Local Planning Authority*

Outline nature of consultation, relevant Officer and outcome	<p><i>Paragraph 8 of the Appendix to PPG8 states that the aim should for authorities and operators to work together to find optimum solutions to development requirements. The Government strongly encourages pre-development and pre-application discussions between operators and authorities.</i></p> <p><i>A letter was sent to Camden Council on 15/08/2006 providing details of the cell area and proposal. In response a telephone call was received advising that any structure should be in keeping with existing street furniture.</i></p>
Outline discussions on 10 Commitments	<p><i>In line with the ten Commitments of the Federation of Electronic Industries (FEI) the site was rated according to the Traffic Light Model.</i></p> <p><i>i.e. Discussions were held with the Case Officer over the telephone on 30/08/2006 on behalf of Orange. The following consultation was carved out.</i></p> <ul style="list-style-type: none"><i>• Letter to Ward Councillors</i><i>• Erection of Voluntary Site Notice</i>

4.2 Public Consultation

Outline public consultation	No responses have been received to the public consultation.
-----------------------------	---

4.3 Schools/Colleges

Outline consultation with school/college	The nearest school is over 600m from the proposed site.
--	---

5.0 Civil Aviation Authority/Secretary of State for the Defence/Aerodrome Operator (This is not required for full planning applications)

Where appropriate outline any responses from the Civil Aviation Authority/Secretary of State for the Defence or the aerodrome operator.	N/A
---	-----

6.0 Planning Policy

6.1 General Policies

(The references are to the relevant paragraph in either the main body or the Appendix of PPG8.)

Paragraph	Text
1 (App)	<p>National guidance on telecommunications in England is contained in Planning Policy Guidance Note 8 (PPG8).</p> <p>An indication of the importance the government attaches to telecommunications can be gauged from the first paragraph of the Appendix 'Modern telecommunications are an essential and beneficial element in the life of the local community and in the national economy.</p>

6.2 Specific Policies

Type of site	Para	Suggested wording
New mast	21	<p>Although PPG8 stipulates that use should be made of existing buildings or structures to site new antennas there were none that satisfied our technical requirements.</p> <p>Evidence is required and this is set out in Section 11 of this Supporting Statement.</p>
Co-location (i.e. 2 nd mast near to existing mast)	19 and 20	<p>PPG8 attaches considerable importance to keeping the numbers of masts to a minimum in order to limit visual intrusion.(Para 19) It does not, however, say that mast sharing is always the preferred option. In Paragraph 20 states that 'the sharing of masts and sites is strongly encouraged where that represents the optimum environmental solution in particular case'.</p> <p><i>In order to carry additional antennae the '3' mast would have to be replaced with a more substantial structure such as a lattice tower and that it would have to be higher. The existing monopole causes only a little harm to the visual amenity of the residential area. If it were to be replaced by a more substantial taller structure, such as a lattice tower, considerable visual harm would be caused. In my view it is vital to examine other alternatives which would have less impact than this bulkier and more intrusive shared mast.</i></p> <p><i>Two masts in different locations would serve the needs of the different operators and a second mast could be sited less obtrusively. I consider that the combined impact of two structures in the locality is less than a dominant extended shared mast.</i></p>
Innovative Design Solutions	24 and 25	<p>PPG8 encourages authorities and operators to work together and use sympathetic design and camouflage to minimise the impact of development on the environment. Particularly in designated areas the aim should be for apparatus to blend into the landscape. The telecommunications industry is encouraged to continue to develop innovative design solutions, in terms not only of the structure of masts and antennas but also the materials and colouring.</p> <p>We have proposed a slim monopole disguised as a telegraph pole reflects the acknowledgement in PPG8</p>

Green Belt		<p>Whilst we appreciate that telecommunications in Green Belts is likely to be inappropriate we consider that there are very special circumstances that can be demonstrated which outweigh the degree of harm to the Green Belt.</p> <ul style="list-style-type: none"> • Must show that there are no suitable alternatives outside the Green Belt that meets the need of the network coverage or capacity • Mention that despite being located in Green Belt efforts have been made to ensure environmental impact has been kept to a minimum <p><i>The site is only a short distance into the Green Belt and whilst this should not diminish its importance we have located it here to minimise the impact on the openness.</i></p> <p><i>The proposal would, therefore, in my view, meet the requirements of local and national policy.</i></p>
------------	--	--

This is not an exhaustive list and it must be ensured that all policies relevant to the proposed installation are considered and mentioned under this section.

7.0 GPDO Applications

General	<p>It is important to recognise that the proposed development is permitted, in principle, by Part 24 of the GPDO.</p> <p>Thus the legal and policy context for the proposed development (through PPG8 and the GPDO) weighs in favour despite its adverse visual impact PPG8 therefore provides general support for the proposal.</p>
---------	--

8.0 Technical Justification

The site is needed to provide continuous coverage to the Orange Network around the Hampstead Heath area. The area has high call traffic from the residential areas and main road. The coverage plots will follow.

9.0 Consideration of Alternatives

Site⁴	Site Name and address	NGR	Reason for not choosing⁵
GF	Hampstead Heath Golf Club Winnington Rd N2 0TU	526307, 187879	The proposal was for a Greenfield mast situated on the golf course. Initial interest has been expressed by the club but the committee has been unable to agree to the proposal.
S. Share	Existing H3G site on Spaniards Road	526690, 187288	The existing monopole adjacent to the proposed site is unsuitable to the site share and any redevelopment would result in a much larger structure.

--

10.0 Health and Safety

PPG8 states that it is not for the local planning authority to seek to replicate through the planning system controls under the health and safety regime as it is a matter for the Health and Safety Executive

The Government guidelines state that provided a proposed base station meets the ICNIRP guidelines for public exposure then it should not be necessary for the local planning authority to consider the health effects and concerns about them.

I can confirm that the proposed base station will comply with ICNIRP guidelines and I have attached the Certificate of Compliance.

However, I am aware over perceived health and safety issues concerning radio frequency emissions and for this reason I have enclosed a separate Health and Safety statement. (See Section 15)

11.0 Conclusion

The telecommunications installation proposed as set out in this application has been designed and sited, having regard to technical, engineering and land use planning considerations, in order to minimise its impact on the local environment. Accordingly, the proposed development is considered to conform to national and local planning policies.