

SUPPLEMENTARY INFORMATION

1. Site details

Site Name	Spaniard's End	Site Address	Spaniard's End
NGR	1897149, 526605		Spaniard's Road
			London
			NW3 7JG
Site Ref Number	GLN8344	Site Type ¹	Micro

2. Pre Application Check list

Site selection

Was the mast register of the authority ² responsible for planning used to check for suitable sites by the operator or the authority?	No	
if no explain why		
Not available		
Was the industry site database checked for suitable sites by the operator?	Yes	
if no explain why		

Annual roll out consultation with the authority² responsible for planning

Date of last annual rollout information/ submission	20/10/2005
Name of contact	Unknown
Summary of outcome/Main issues raised	
None raised	

Pre-application consultation with the authority² responsible for planning

Date of written offer of pre-application consultation	15/02/2006
Was there pre-application contact	Yes
Date of pre-application contact	30/08/2006
Name of contact	
Summary of outcome/Main issues raised	
Discussed type of installation and any design should be of minimal size. An installation should be in keeping with existing street furniture.	

¹ Macro or micro² England & Wales-Local Planning Authority. Scotland-Planning Authority.
Northern Ireland- Department of Environment Planning Services

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Ten Commitments Consultation

Rating of Site under Traffic Light Model	Green	Amber	Red
Outline Consultation carried out. Consultation letters to Councillors Barton, Maya de Sanza & Oliver. Pre-application consultation letter to Planning Dept. Voluntary Site Notice erected on 14/08/2006			
Summary of outcome/Main issues raised No responses have been received to date.			

School/College

Location of site in relation to school/college (include name of school/college) N/A
Outline of consultation carried out with school/college. (include evidence of consultation) N/A
Summary of outcome/Main issues raised N/A

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 (only required for an application for prior approval)

Copy of Developer's Notice enclosed	Yes	
Date served	30/08/2006	

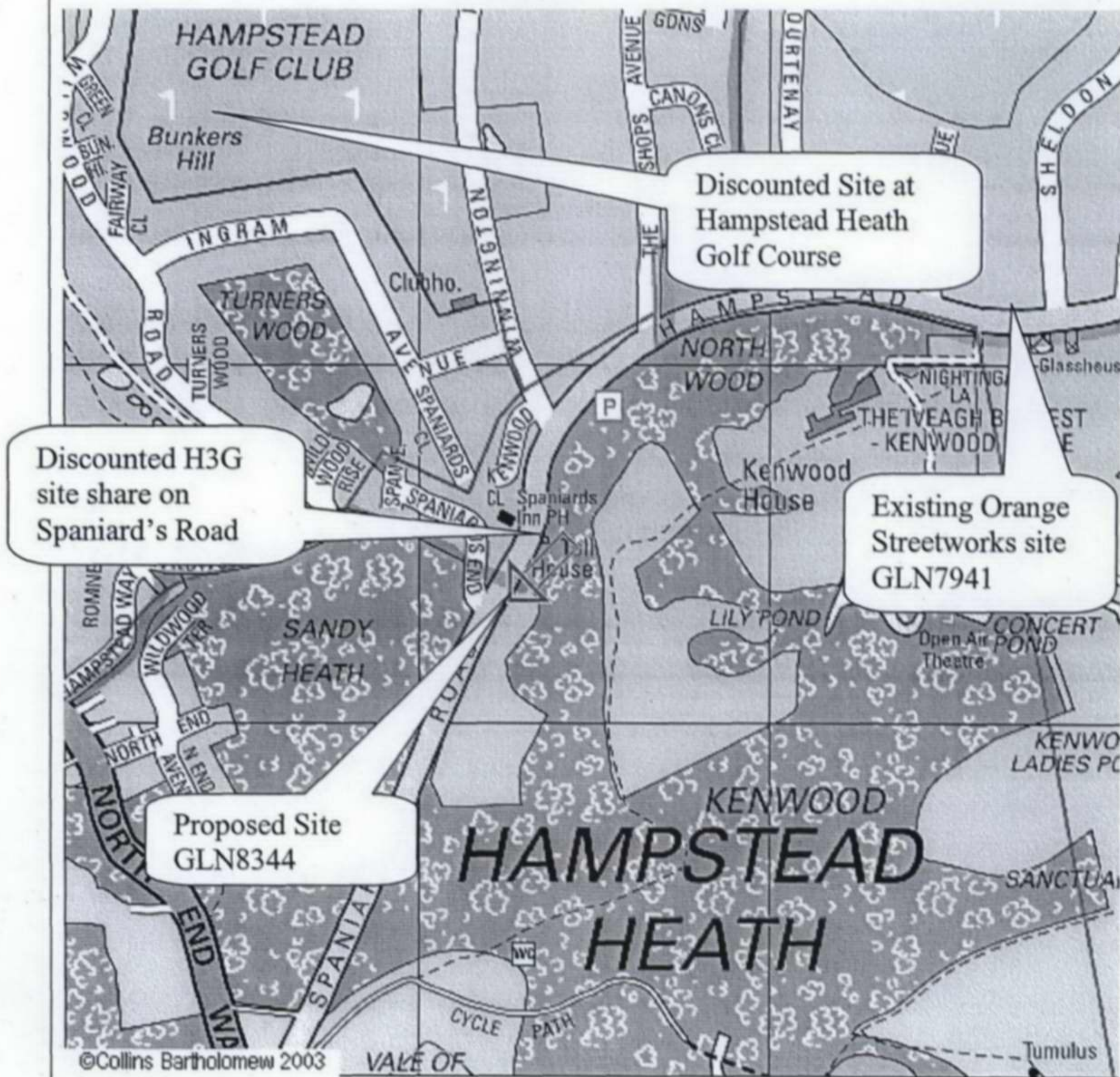
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3.0 Proposed Development

The proposed site

Spaniards End
Spaniards Road
London
NW3 7JG

Enclose map showing the cell centre and adjoining cells



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

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Description 1 No. 10.3m lamppost supporting 1 no. wide band omni-antenna.	
Overall Height metres	10.3m
Height of existing building (where applicable)	n/a
Equipment Housing	
Length	0.6 metres
Width	0.6 metres
Height	1.0 metres
Materials (as applicable)	
Tower/mast etc – type of material and external colour	The mast is to be constructed from steel and will be colour coded green.
Equipment housing – type of material and external colour	Equipment and electric cabinets to be steel and green.

Reasons for choice of design
<p>Proposed site is located on a busy road overlooked from the south by residential properties. To all other elevations there are trees and woodland providing screening. As a result the site is considered to be sensitive. It was considered that a careful design that will have as little visual impact as possible should be used.</p> <p>The overall design and colouring has been carefully considered to ensure the installation causes minimal visual intrusion. The site also benefits from being surrounded by mature trees which provide screening to the structure and ensures there is minimal visual intrusion to the surrounding environment.</p>

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4.0 Technical information

ICNIRP Declaration attached ICNIRP 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 the site are taken into account.	Yes	
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Frequency	1944.9 - 1959.7 and 2134.9 - 2149.7 MHz
Modulation characteristics ³	
Power output (expressed in EIRP in dBW per carrier) In order to minimise interference within its own network and with other radio networks, Orange 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 Orange's network, the radio base station that is the subject of this application will be configured to operate in this way.	27.0
Height of antenna (m above ground level)	18.0 metres

5.0 Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
The area has a high peretge of residential properties to the north of the proposed site where there is limited coverage. Due to the nature of the surrounding area, it has only been possible to provide coverage using small discreet microcell sites. The whole area generates a high amount of call traffic.

³ 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

Enclose map highlighting all alternatives that have been considered by the operator.

Site ⁴	Site Name and address	NGR	Reason for not choosing ⁵
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.

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

Only one alternative has been discounted due to the nature of the search area. Being predominantly residential, it was considered best to site an installation away from residential areas where possible. To the south is Hampstead Heath where it was considered inappropriate to site a proposal here.

⁴ ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield

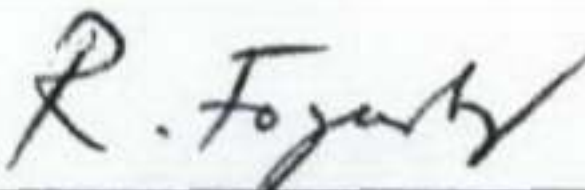
⁵ SP - Site Provider, RD - Redevelopment Not Possible, T - Technical Difficulties, P - Planning

O - Other

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Additional relevant information

Contact Details

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Signed		Date	30 th August 2006
Position	Acquisition Surveyor	Company (on behalf of the above operator)	TCI (Total Communications Infrastructure)