

Site Specific Supplementary Information

1. Site Details

Site Name	Queen Crescent Library	Site Address	Queen Crescent Library, Gospel Oak, Camden, London, NW5 4HH
NGRs	528282 / 185120		
Site Ref	90087/CMN022		
Site Type ¹	Macro		

2. Pre-Application Check List

Site Selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	Yes
A mast register could not be found on the council's website however relevant planning history has been reviewed prior to the submission of this application.	
Was the industry site database checked for suitable sites by the operator?	Yes
If no explain why - N/A	

Annual Rollout Consultation with LPA

Date of last annual rollout information/ submission	Autumn 2018
Name of contact	Chief Planning Officer
Summary of outcome/Main issues raised:	
N/A	

Pre-Application Consultation with LPA

Date of written offer of pre-application consultation	23/06/2020
Was there pre-application contact	Yes
Date of pre-application contact	01/07/20 and subsequent emails LPA ref: 2019/3383/PRE
Name of contact	Matthew Dempsey
Summary of outcome/Main issues raised	
<p>A consultation letter was issued on 25th June 2019 to the local planning authority to request feedback on a base station upgrade proposal. A written response was received on 20th August 2019 (LPA ref: 2019/3383/PRE) by the planning officer, Matthew Dempsey, who advised that a lighter design that can utilise existing support structures would be preferable to improve the visual appearance of the site. It was further suggested that shielding could be investigated to provide additional screening towards the telecoms equipment.</p> <p>Upon receipt of these comments, the application site was re-designed to accommodate an improved scheme that appears less obtrusive. A consultation email was issued on 23rd June 2020 to the planning officer to request additional feedback on this new design. Through subsequent correspondence, the officer acknowledged that the current design was an improved scheme when considering the reduction in proposed equipment height as well as the fewer number of structures around the building edges.</p> <p>In addition to this, it was reiterated that a form of shielding would be desirable in order to disguise all the rooftop equipment. In response to these comments it was considered that additional screening such as GRP would be a bespoke design that would likely necessitate a high degree of redevelopment due to the antenna layout at present. In line with the NPPF and Code of Best Practice the approach to design encourages the utilisation of existing</p>	

¹ Macro or Micro

support structures wherever possible to ensure the least intrusive method is adopted. This approach also allows the design to be minimalistic which results in an overall appearance that resembles the pre-existing base station that has been considered acceptable. Due to the varying antenna locations on the rooftop, the use of GRP screening would result in multiple 'block' forms around each section which is considered to increase the visual prominence of the base station, especially when considering the well-established nature of existing equipment. It was therefore concluded that the design would be an acceptable form of development and is submitted herein this application to seek formal determination.

10 Commitments Consultation

Rating of Site under Traffic Light Model	Amber
Consultation letters were issued to Councillors Marcus Boyland, Lorraine Revah, Jenny Mulholland and local MP Keir Starmer on 3 rd July 2020.	
Summary of outcome/Main issues raised	
<p>On 3rd July 2020, Cllr Revah provided a response requesting clarification on whether consultation has been carried out with residents in the building and whether alternative site options have been investigated. To address these queries, it was firstly clarified that the application site is an existing base station in which there have been no alternative site considerations as this is the encouraged approach in the NPPF and Code of Best Practice to prevent the proliferation of telecoms sites. Given the constant advancement of technology, the need to upgrade base stations to satisfy current and future demands is an inevitable consequence and new sites should be proposed where an existing base station cannot satisfactorily address coverage requirements.</p> <p>Secondly, with regards to consultation it was explained that letters are issued to the local planning authority, local ward councillors and the local MP as part of the standard planning process, which is again in line with the Code of Best Practice. Separate discussions are held with the landlord of the property in relation to acquisition matters meaning it is not normally appropriate to directly notify all residents of a building as this is conducted internally. In this instance the property is owned by the Council and the Housing Department have confirmed they have no objections to the proposed development.</p> <p>Following this explanation no further responses have been received. Should there be additional correspondence this will be forwarded to the local planning authority.</p>	

School/College Consultation

Location of site in relation to school/college (include name of school/college)
<ol style="list-style-type: none"> 1. Weedington Pre-school, Approx. 30m east of site 2. Carlton Primary School, Approx. 170m north east of site 3. Stewart International School, Approx. 236m north west of site 4. Chaston Nursery, Approx. 240m west of site 5. Busybumblebeesmontessori, Approx. 240m south west of site 6. Sunshine Nursery, The Caraf Centre, Approx. 215m south west of site 7. Le Jardin des Dyvrande Bilingual Nursery, Approx. 62m south west of site 8. Polkadots Nursery, Approx. 195m north east of site
Outline of consultation carried out with school/college if relevant (include evidence of consultation)
Consultation letters were issued on 3 rd July 2020 to the above schools and nurseries informing them of the upgrade proposal and offered the opportunity to provide comments.

<p>Summary of outcome/Main issues raised</p> <p>A response from Le Jardin des Dyvrande Bilingual Nursery was received on 15th July 2020 who firstly stated their ongoing difficulties with receiving internet and reception at their location. Additionally, concerns were raised regarding health and safety due to public concerns regarding telecommunications and it was explained that they would likely object to the proposal. In response to this email it was explained that the site is in accordance with health and safety guidelines stipulated by ICNIRP in which a certificate is required as evidence of the site's compliance. This element provides sufficient evidence to local planning authorities that the proposed development does not pose a health risk.</p> <p>No further response was received following this last correspondence. Should there be any additional correspondence this will be forwarded to the local planning authority.</p>

Civil Aviation Authority / Secretary of State for the Defence / Aerodrome Operator Consultation → only required for an application for prior approval

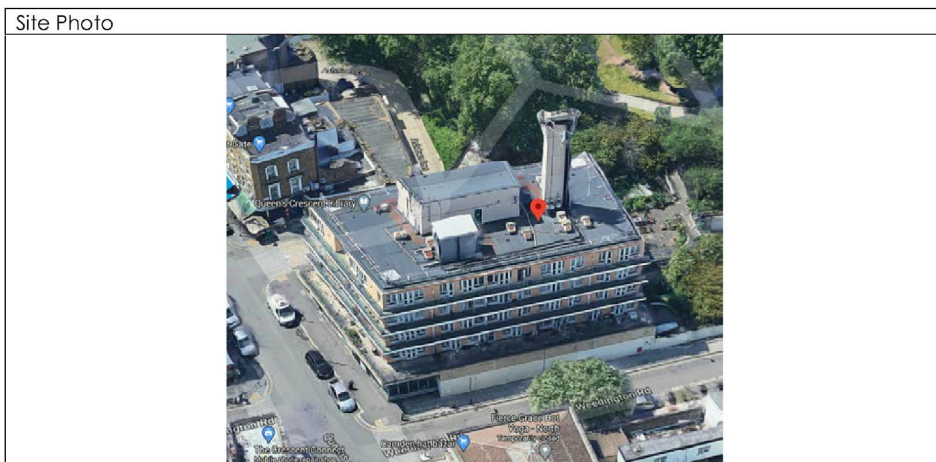
Will the structure be within 3km of an aerodrome or airfield?	No
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified	No
Details of response: N/A	

Developer's Notice → only required for an application for prior approval

Copy of Developer's Notice enclosed	Yes
Notice sent by email	17/07/2020 Email delivery receipt is enclosed

3. Proposed Development

The Proposed Site: Queen Crescent Library, Gospel Oak, Camden, London, NW5 4HH
Description of Development: Removal and replacement of 12no antennas, internal upgrade of existing equipment room and associated ancillary works thereto.
Enclose map showing the cell centre and existing sites within the cell and adjoining cells N/A → upgrade of an existing site



Type of Structure (e.g. tower, mast, etc)	Antenna support poles
Overall Height	30.1 metres
Height of Existing Building (if applicable)	29.73 metres (chimney height) 21.49 metres (plantroom height) 16.9 metres (roof level height)
Equipment Housing	N/A - internal upgrade only
Materials (as applicable)	
Tower/mast etc – type of material and external colour	Galvanised Steel – manufactured grey RAL 7035
Equipment housing – type of material and external colour	N/A - internal upgrade only
Reasons for choice of design:	
Efforts have been made to utilise the existing apparatus of this base station as much as possible to minimise the level of visual impact to the surrounding area. The least amount of equipment has been used in order to create a similar likeness to the existing site whilst also achieving the operators' technical objectives.	

4. Technical Information

ICNIRP Declaration attached	Yes
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 cellular operators on the site are taken into account.	

Frequency	GSM 1865.5-1846.5 MHz
Modulation Characteristics ²	GMSK & UMTS
Power Output (expressed in EIRP in dBW per carrier)	56 dBm

² 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.

Height of Antenna (m above ground level to antenna centre line)	29.00 metres (chimney level) 23.04 metres (plantroom level) 18.45 metres (roof level)
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5. Technical Justification

Reasons why site is required: e.g. coverage, upgrade, capacity

There is a technical requirement to upgrade this existing base station in order to improve existing 3G and 4G coverage in the operators' target area. The proposed works will also provide 5G coverage as part of the applicant's aim to satisfy current and future demands.

Site Selection Process – alternative sites considered and not chosen

Discount Option	NGRs	Reasons
N/A	N/A	N/A

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

Proposal seeks to upgrade an existing telecommunications base station and therefore no alternative site options are required.

Additional Relevant Information:

Contact Details

Name	Mandy Poon	Telephone	[REDACTED]
Operators	EE Limited & H3G UK Limited	Mobile	[REDACTED]
Address	Norfolk House 7 Norfolk Street Manchester M2 1DW	Email	[REDACTED]
Signed	[REDACTED]	Company	Avison Young On behalf of Mobile Broadband Network Limited
Position	Assistant Planner	Date	24/07/2020