SUPPLEMENTARY INFORMATION

## 1. Site Details

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| Site Name: | Dalehead | Site Address: Dalehead, Harrington  Square, Camden Town, London  NW1 2JL |  |
| National Grid Reference: | E 529200  N 183130 |
| Site Ref Number: | N/A | Site Type: point to point technology |

* 1. **Background**

Metronet (UK) Limited (trading as M24Seven) provides wireless internet broadband services to business customers only. The service is provided to its customers using “line of sight” technology. This requires a clear path between Metronet’s base station and Metronet’s antenna located on the customer’s property. Therefore, the base station must be located on adequately tall buildings to ensure there is no obstruction to the line of sight.

Metronet is not a cellular operator and operates on lower frequencies than the mobile operators.

Metronet’s equipment also uses much less power than the equipment installed by the mobile operators and is designed in full compliance with the requirements of the radio frequency (RF) public exposure guidelines of the International Commission on Non-Ionizing Radiation (ICNIRP), as expressed in the EU Council recommendation of 12th July 1999 on the limitation of exposure of the general public to electromagnetic fields. Please refer to the attached ICNIRP Certificate.

The rooftop of the property is already an established radio/cellular site and contains several equipment cabinets and antennas for cellular operators, some of which are no longer in use.

Planning policy encourages the use of existing buildings and site sharing where possible.

1. **Pre Appli cation Check List**

Site Selection (for New Sites only)

(Would not generally apply to upgrades/alterations to existing sites)

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| 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: One is not available on the Council’s website. | | |
| Were industry site databases checked for suitable sites by the operator: |  | Yes |
| If no explain why: | | |

Annual Area Wide Information to local planning authority

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| Date of information submission to local planning authority | Not applicable. |
| Name of Contact: |  |
| Summary of any issues raised: |  |

Pre-application consultation with local planning authority

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| --- | --- |
| Date of written offer of pre-application consultation: |  |
| Was there pre-application contact: | See below I |
| Date of pre-application contact: |  |
|  |  |
| Name of contact: |  |
| Summary of outcome/Main issues raised: The Council, as landlord, has already approved the applicant’s plans. | |

Ten Commitments Consultation

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| Rating of | Site | under Traffic | Light | Model: | I |  | I | I | Green |
| Outline Consultation carried out: A consultation has not been carried out because it is considered there will not be any community, planning or environmental issues based on the location of the equipment on the rooftop of the property and the point to point  to | | | | | | | | | |
| technology used by the applicant.  Summary of outcome/Main issues raised: N/A | | | | | | | | | |

School/College

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| Location of site in relation to school/college *(include name of school/college):* There are no schools located close to the site. |
| Outline of consultation carried out with school/college *(include evidence of consultation):* No consultation has been carried out. |
| Summary of outcome/Main issues raised: N/A |

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation (only required for prior approval applications)

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| --- | --- | --- |
| 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

Copy of Developer's Notice enclosed? I Yes I No Date served: Not applicable.

## Proposed Development

The proposed site: The application site is Dalehead, Harrington Square which does not fall under any conservation area. The application relates to the proposed installation of five (5) pedestals shown edged in green and marked with two red lines on the attached roof plan, together with the installation of 6 radio antennas on each of the pedestals. The applicant will also install 3 equipment cabinets, which are also shown edged in green on the attached roof plan and also highlighted in the photograph in the attached drawing Section A-A. An example of the applicant’s installation from another site showing a pedestal with antennas is shown on the enclosed photograph. An example of applicant’s equipment cabinet is also shown on the enclosed photograph.

Each pedestal will measure approximately 1.6m x 1.6m and comprise a 2.3m high support post and U-Horn brackets.

The majority of each antenna will not exceed 380mm in diameter. Metronet may install antennas with a diameter of around 600mm in diameter. However, Metronet (UK) does not deploy these in great numbers and would not anticipate installing more than 10% of the antennas of this size. The bulk of the antennas deployed will be between 150mm to 380mm in diameter.

The equipment cabinets will be approximately 0.6m x 0.8m x 1.46m high and will not be visible beyond roof level.

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| --- | --- | --- | --- |
| Type of Structure *(e.g. tower, mast, etc):* | | | |
| Description: pedestal. | | | |
| Overall Height: see elevation drawings | | | |
| Height of existing building *(where applicable):*see elevation drawings | | | Metres main roof level rooj |
| Equipment Cabinets | | | |
| Length: Width: |  | | 600 mm (max) |
|  | | 800 mm (max) |
| Height: | | | 1,460 mm (max) |
| Materials *(as applicable):* | | | |
| Tower/mast etc - type of material and external colour: | | Steel pedestal and plastic finish to the antennas and off white/white in colour. The colour of the antennas | |
|  | | can be changed provided it is not a metallic paint. | |
| Equipment housing - type of material and external colour: | | metal finish to equipment cabinets in grey colour. | |

**Reasons for choice of design**

Metronet has made every effort to minimize the visual impact of the proposed antennas which are dependent on “line of sight” technology. The equipment cabinets are only visible from the rooftop level.

The layout and design of the proposed antennas and associated poles is guided by operational implications and the point to point technology. Due to the specific nature of the line of sight requirements and the variation in throughput of each customer’s requirements, the type/size of antenna to be deployed on each pedestal cannot be known in advance.

The rooftop of the premises already accommodates apparatus used by cellular operators although the applicant understands some of this equipment may no longer be operational. The presence of the current rooftop telecommunications equipment sets a clear precedent for telecommunications development in this area and indicates that the principle of this proposal is acceptable in terms of siting. The National Planning Policy Framework (NPPF) advocates site sharing for the provision of telecommunications.

The proposed apparatus should not materially affect the overall appearance of the existing site and the apparatus is, in fact, smaller than some of the apparatus currently located on the property. The proposed equipment will also sit below the height of a large proportion of telecommunications equipment already installed on the building as shown on the accompanying elevation drawings. It is also noted that some of the existing telecommunications equipment on the building can be seen from street level. Therefore, the proposal will have a negligible visual impact on the streetscape and skyline.

The proposed antennas will be mounted to a freestanding platform pedestal with a support post and U-Horn bracket. They will have a similar appearance to some of the antennas already installed on the building Coupled with their position at height and given the height of the building, it is considered that their visual impact is likely to go unnoticed when seen from the ground level. Please refer to the accompanying photographs which highlight the different type of antennas used by Metronet (UK). We also attach a photograph of the type of equipment cabinet used by Metronet (UK).

The proposed apparatus will not bring about any additional requirements regarding access other than access for requirements for routine maintenance and repair of the equipment.

Technical Information

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| --- | --- | --- |
| 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, Metronet (uk) Limited operates its network in such a way the radio frequency power outputs are kept to the lowest levels commensurate with effective service provision  As part of Metronet (UK) Limited’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. | Yes |  |

# Technical Justification

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

The NPPF clearly states that authorities should not question the need for the service, nor seek to prevent competition to telecommunication services. Notwithstanding this fact, the development is to facilitate a wireless broadband network to allow greater internet speeds to the area. This will bring about significant benefits to local and national businesses. The development of such networks is encouraged and in March Ofcom launched a strategic review of digital communications to cover both fixed and wireless networks and services, with a focus on infrastructure and the role of competition in delivering benefits in terms of choice, investment and innovation.

1. **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).

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| If no alternative site options have been investigated, please explain why:  At present there are no alternative buildings that will be able to deliver a “line of sight” suitable for the applicant’s telecommunication service. |

1. **National Planning Policy Guidance**

The National Planning Policy Framework (NPPF) sets out the Government’s planning policies for England and how these should be applied. The Government remains committed to promoting high speed broadband technology and the NPPF advises that advanced, high quality communications infrastructure is essential for economic growth.

In more general terms the NPPF confirms that proposals that accord with the provisions of the development plan should be approved without delay. In addition, NPPF (para 19) states that the Government is committed to ensuring that the planning system does everything it can to support sustainable economic growth and planning should not act as an impediment to sustainable growth. Therefore, significant weight should be placed on the need to support economic growth through the planning system.

The NPPF advises specifically that local planning authorities should not seek to prevent competition between operators, and must determine applications on planning grounds. This is also applicable to health and safety provided the proposal meets International Commission guidelines for public exposure.

Central Government also encourages the use of existing buildings for the provision of telecommunication services.

It is considered that the proposed development complies with the NPPF.

The London Plan sets out the Mayor’s planning strategy for Greater London and the Mayor’s vision for a modern communications network across London. It is considered that the applicant’s proposed development will contribute to delivering a high speed broadband technology to numerous businesses that do not currently benefit from such technology.

**Local Plan**

The Local Plan recognises the importance of digital infrastructure and expects electronic communication networks, including telecommunications and high-speed broadband, to be provided in business premises.

The applicant considers that the proposed development complies with this policy on the basis that:

1. Metronet’s business model works on “line of sight” technology and it cannot share any existing equipment used by the mobile operators, which uses a different technology.

2. There are no other buildings in the vicinity of the site that offer the same uninterrupted views, which would enable Metronet to secure a suitable “line of sight” to its customers.

3. Metronet’s radio equipment operates on much lower frequencies that mobile operators and therefore uses much less power. As a consequence, Metronet’s equipment falls well within the guidelines issued by ICNIRP and a certificate is included as part of this application.

Contact details:

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