## DESIGN AND ACCESS STATEMENT

This Design and Access Statement is provided in conjunction with the Supplementary Information Template, drawings and supporting material that was submitted with this planning application.

This statement is submitted pursuant to Article 4C of the Town and Country Planning (General Development Procedure) Order 1995 (as amended).

In accordance with the Code of Best Practice on Mobile Phone Network Development[3], and published Government guidance, this proposal was drawn up having regard to the need for good design.

PLANNING CONTROL
28 JAN 2013

In particular:

- Considerations of design and layout are informed by the context, having regard not just to any immediate neighbouring buildings but the townscape and landscape of the wider locality. The local pattern of streets and spaces, building traditions, materials and ecology all help to determine the character and identity of the development.
- The scale, massing and height of proposed development have been considered in relation to that of adjoining buildings; the topography, the general pattern of heights in the area; and views, vistas and landmarks.

The following general design principles have been taken into account in respect of this proposed telecommunications development:

- A proper assessment of the character of the area concerned.
- That the design shows an appreciation of context;

### SITE CONDITIONS, TECHNICAL CONSTRAINTS, LANDSCAPE FEATURES AND CAPACITY REQUIREMENTS

**Introduction**

It needs to be borne in mind that the proposed development is for a mobile telecommunications installation. Hence, access is deliberately restricted, where appropriate, for the security of the installation.

**Pre Application Discussions and Negotiations**

A pre-application consultation email was sent to the LPA on 21.01.2013 introducing a number of existing sites, which are earmarked to be upgraded as part of the new CTIL initiative. This email included the option subject to this application, in which it was said that minimal changes were proposed. To date no comments have been received.

Nonetheless the proposal relates to the upgrade of an existing base station which has previously been approved by the LPA. In this regard it is clear that the principle of telecommunication development has been accepted on-site in which when balanced against the minimal changes proposed, it was considered appropriate to progress this application and seek the LPA's formal determination.

In light of the above when balanced against the nature of the upgrade development and matters which would be considered by the LPA in the planning process, it was considered appropriate to progress this application and seek their formal determination.

**Documentation Submitted with Application**

- Drawings Ref. No's: 100, 200, 301 and 302 with application site red edged;
- Site Specific Supplementary Information;
- General Background Information for Telecommunications Development;
- Health and Mobile Phone Base Stations document;
- ICNIRP declaration and clarification statement.

**Design Component**

Use proposed

- The proposed development will consist of a Vodafone mobile phone base station that will provide 2G, 3G and 4G coverage to the Newton Heath area of Manchester for Vodafone Ltd and Telefónica UK Ltd.

[3] Paragraphs 120-126.

- The proposal will offer improved services and capabilities to the local community, creating better connections that will have social and economic benefits for the area.
- In the commercial world, companies of all sizes, from sole traders to multi-nationals, take for granted the benefits to business efficiency that mobile communications bring. The added security for travellers is a benefit many people will recognise and most families have come to rely on the convenience and reassurance of instant mobile communications.
- The proposal is for a radio base station (operated by Vodafone) that consists of radio transmitters and receivers in cabin or cabinet connected to antennas by feeder cable. The antennas can be mounted on ground based masts, roof tops or other existing structures. They must be position at a height that is not obstructed by terrain or buildings to provide the radio coverage needed to the area targeted, Prestwich area of Bury in this particular case.

Amount

- The proposal involves the removal of the existing structure at 17.3metres that would be replaced with new 20metres dual user monopole to top. In this regard the height will increase by 2.7metres. There would be 2no. additional radio equipment cabinet and the existing cabinets would be retained within the equipment cabin.

Layout

- The proposal takes a similar layout to the existing installation whereby it will be positioned on the root foundation of the existing pole and bolted to the existing concrete base and the additional radio equipment cabinet is located within the equipment cabin within the existing enclosed compound.

Scale

- The proposal involves the removal of the existing 17.3metre monopole and its replacement with a 20 metre dual user monopole housing six antennas mounted together at the top of the structure. The main stem of the new column would be thicker with a broader headframe to allow mast sharing, meeting the existing and future 4G demands of mobile users. The additional radio equipment cabinet would be located within the equipment cabin within the existing enclosed compound.

Landscaping

- The proposed development has a formal demise and is found within an enclosed compound, in which in this respect there is no landscaping proposed as part of this application.

Appearance

- The overall height of the column is 20metres, with main section of the column being thicker and having a broader headframe to accommodate the antennas. The pole would be left untreated and the equipment cabinet would be located in the existing equipment cabin within the enclosed compound.

**Access**

The proposals would be located within an existing enclosed compound within Newton Heath Cricket Ground and it would not be accessible within the public realm. It is likely that once built, the site will be visited infrequently for maintenance purposes only as some works can be achieved remotely via the base station's BT link. It should be recognised that the antennas do not need to be physically maintained once the column is in situ.

However subject to the mast design capabilities maintenance operations may entail optimizing, re-orientating or adding down-tilt to the antennas in order to maximise the coverage offered by the installation. Should the need arise for such works access to the site will be primarily by foot in which the applicant would gain access to the equipment housed within the cabinet. In the event of the antennas within the mast needing to be maintained this will normally be achieved by siting a cherry picker with a hydraulic platform alongside the base station. Not only is it highly improbable that the antennas themselves encounter a fault and hence the use of a cherry picker is very unlikely.

**Community Safety**

Vodafone designs and operates all its radio base stations in accordance with the radio frequency or electromagnetic field exposure guidelines suggested in the European Union (EU) Council Recommendation of 12 July 1999.

This Recommendation is based on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines for limiting public exposure to electromagnetic fields. This means that in areas where the general public spends time, exposure levels will be fully within guidelines which the UK Government and the European Union have recommended, and which have the formal backing of the World Health Organisation.

- A declaration if ICNIRP compliance is provided as part of this planning submission.

**Environmental Sustainability**

The proposed installation will be part of the Vodafone mobile telecommunications network and the development and maintenance of the necessary infrastructure to support that network is a major contributor to the sustainability of businesses. It should also be recognised that mobile telecommunications can help sustainable economic development. Continually improving mobile network coverage and capacity increasingly enables remote working, reducing the need for many people to travel to their traditional places of work. This can assist in reducing impact on transport networks and can enable many businesses to be more responsive to the needs of their customers.