

Our ref: CTIL_30476100

6 July 2021

Ms Lucy Powell MP
House of Commons
London
SW1A 0AA
contact@lucypowell.org.uk

Clarke Telecom Ltd
Unit E
Madison Place
Northampton Road
Manchester
M40 5AG

Dear Ms Powell,

PROPOSED BASE STATION INSTALLATION AT CTIL_30476100, MACDONALD HOTEL, LONDON ROAD, MANCHESTER, GREATER MANCHESTER, M1 2PG, NGR E: 384844 N: 397668.

PRE-PLANNING APPLICATION CONSULTATION FOR A MOBILE PHONE BASE STATION INSTALLATION AT **CTIL_30476100, MACDONALD HOTEL, LONDON ROAD, MANCHESTER, GREATER MANCHESTER, M1 2PG, NGR E: 384844 N: 397668.**

Cornerstone is the UK's leading mobile infrastructure services company. We acquire, manage, and own over 20,000 sites and are committed to enabling best in class mobile connectivity for over half of all the country's mobile customers. We oversee works on behalf of telecommunications providers and wherever possible aim to:

- promote shared infrastructure
- maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development

As a result, we are consulting with communities in line with Best Practice principles where planning applications for new telecommunications installations are required.

This letter is sent to you in the pre-planning application consultation phase of the development for a new mobile phone base station site and is simply intended to keep you informed and advised of the proposed development in your area prior to any planning application being submitted. However, if you do wish to submit comments or have been contacted by your constituents in relation to this matter and wish to send us comments on their behalf, please feel free to do so via the following address:

Community Consultation & EMF Enquiries, Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Email: community@cornerstone.network

What follows is a summary of the proposal and some further information that might be of use.

In the first instance, all correspondence should be directed to the agent.

Cornerstone Planning Consultation Letter to MPs - single site (England) V.2 – 15/04/2021

Registered Address:
Cornerstone Telecommunications, Infrastructure Limited,
Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA.
Registered in England & Wales No. 08087551.
VAT No. GB142 8555 06

 Cornerstone, Hive 2,
1530 Arlington Business Park,
Theale, Berkshire, RG7 4SA

Summary of the proposal

Cornerstone are in the process of progressing suitable sites in the Manchester area for radio base stations that will improve service provision for Telefonica. 5G rollout has begun and both Vodafone and Telefonica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Manchester. An existing streetworks style base station has been identified in the area, however it cannot accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new rooftop base station is required for Telefonica service in close proximity to the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

A number of options have been assessed in respect of the site search process, but we consider the best option for the new radio base station to be the installation of 18 no. antennas on new 2m supporting poles to a top height of 39.35m and 39.85m above ground level, 2 no. transmission dishes 4 no. equipment cabinets and ancillary development thereto including 2 no. GPS modules to enhance service provision for Telefonica UK Limited at **MACDONALD HOTEL, LONDON ROAD, MANCHESTER, GREATER MANCHESTER, M1 2PG, NGR E: 384844 N: 397668**. This is because the operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Manchester. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

The proposed height at 39.86m is essential in order to provide equivalent replacement coverage to the target coverage area. 5G new radio technologies operate in higher frequency bands than older technologies. Since it operates at higher frequencies where attenuation of the radio signal is naturally higher and the effects of clutter are greater it will normally require a higher structure to achieve the same coverage footprint.

The other site options that were considered and then discounted are as follows:

- **Rooftop – 6 Fairfield Street, Manchester, M60 7LH, NGR E: 384682 N: 397767**
The building has large, pitched roof to the centre.
- **Rooftop – Piccadilly Place, Aytoun Street, Manchester, NGR E: 384585 N: 397855**
This site is assumed to be too far north of the desired area.
- **Rooftop – Sackville Building, Granby Row, Manchester, M1 3BU, NGR E: 384556 N: 397718**
This site is Grade 2 listed and best avoided at this time.

In line with Best Practice principles we have shared these details with local councillors, planning officers, and the local ward councillors for Piccadilly.

ICNIRP Compliance

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All Cornerstone installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

Radio Technology and Health

Useful information sources on this include:

Code of Best Practice on Mobile Network Development

<http://www.mobileuk.org/cms-assets/documents/259876-147086.code-of-best-practice-2016-edition-pub>

National Planning Policy Framework

www.communities.gov.uk

World Health Organisation Electromagnetic Fields

www.who.int/peh-emf/en

International Commission on Non-Ionising Radiation Protection

www.icnirp.de

I trust all is clear from the enclosed but if you have further questions on this or any other matter concerning Telefonica please do not hesitate to contact us through Community Consultation & EMF Enquiries within 14 days from the date of this letter.

Should you have any queries regarding this matter, please do not hesitate to contact me (quoting cell number CTIL_30476100)

Yours faithfully,

Maxine Reid

Maxine Reid

Estates Surveyor

Clarke Telecom

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M: +44 7780 067 776

Email: Maxine.Reid@Clarke-Telecom.com

(for and on behalf of Cornerstone)

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