



Clarke Telecom Limited
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Our ref: RDG079

Cllr Jacopo Lanzoni
35 Nire Road
Caversham
Reading
RG4 5LT
jacopo.lanzoni@reading.gov.uk

15th July 2022

Dear Cllr Lanzoni,

PRECONSULTATION – UPGRADE TO EXISTING RADIO BASE STATION INSTALLATION AT MBNL RDG079, 94 Chiltern Road, EASTERN GRASS VERGE OUTSIDE 94 CHILTERN ROAD, READING, Berkshire, RG4 5JD, N.G.R E: 472,210 N: 175,695

Clarke Telecom Ltd act on behalf of the mobile telecommunications operator MBNL. MBNL undertakes the management and network deployment of telecommunications sites on behalf of both EE (UK) Ltd and Three (UK) Ltd. The proposal is for the upgrade of the above existing MBNL and EE Ltd site, in order to provide the latest 4G and new 5G technologies to the Reading area.

The purpose of this letter is to consult with you and seek your views on our proposal before any planning submission is made. We understand that you are not always able to provide site specific comments, however, MBNL are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of MBNL's continued network improvement program, there is a specific requirement for an upgrade to the existing ground based installation at 94 Chiltern Road to ensure that the latest high quality 2G, 3G and 4G service provision continues to be provided in this area of Reading. The proposed works will also ensure that new 5G coverage can also be provided at this location. This ensures that coverage and capacity requirements are maintained with the minimalist of amendments to an established radio base station.

Mobile telecoms networks are now ubiquitous throughout the UK. It is an expectation that an individual can connect and use their mobile phone whenever and wherever they are. With the advent of new technology, under the banner of 5G, further advances are proposed and Central Government has seen the telecoms industry, and in particular 5G, to be at the forefront of economic development.

The proposed works will enable 5G coverage to be provided to this area of Reading. The Government recognises that widespread coverage of mobile connectivity is essential for people and businesses. That is why the Government is committed to extending mobile geographical coverage further across the UK, with continuous mobile connectivity provided to all major roads and to being a world leader in 5G. This will allow everyone in the country to benefit from the economic advantages of widespread mobile coverage.

As well as improved mobile signal, 5G networks are also crucial to drive productivity and growth across the sectors that local areas are focusing on through their emerging Local Industrial Strategies. Enabling

and planning for 5G implementation is central to achieving the Government's objective to deliver prosperity at the local level and enable all places to share in the proceeds of growth.

5G service provision will bring faster, more responsive and reliable connections than ever before. More than any previous generation of mobile networks, it has the potential to improve the way people live, work and travel, and to deliver significant benefits to the economy and industry through the ability to connect more devices to the Internet at the same time, the 'Internet of Things'. This will enable communities to manage traffic flow and control energy usage, monitor patient health remotely, and increase productivity for business and farmers, all through the real-time management of data.

The demand for mobile data in the UK is increasing rapidly, and as households and businesses become increasingly reliant on mobile connectivity, the infrastructure must be in place to ensure supply does not become a constraint on future demand.

The upgraded base station will also meet the extra demands on the network in this area as more people use internet enabled handheld devices.

The preferred MBNL option is as follows:

MBNL RDG079, 94 Chiltern Road, EASTERN GRASS VERGE OUTSIDE 94 CHILTERN ROAD, READING, Berkshire, RG4 5JD, N.G.R E: 472,210 N: 175,695

The proposal relates to the removal of the installation of a new 20-metre-high monopole supporting 6 no. antennas with a wraparound equipment cabinet at the base of the column, the installation of 3 no. new equipment cabinets and ancillary development thereto.

As this is an existing ground based installation and the amendments are minor in nature, this is sequentially the most preferable site for the operators to upgrade their existing service provision to this cell area. As such no other options have been considered.

The proposal for this MBNL site has been designed within International Commission on Non-Ionising Radiation Protection (ICNIRP) public exposure guidelines

In order to give you time to send your comments or request further information, we commit to allow at least 14 days before an notification is submitted to the Local Planning Authority. This 14 day period starts from the date at the top of this letter.

For your information pre-consultation letters and a set of plans have been sent to the local planning officers, the other local ward councillors for the Caversham ward (Cllrs J Gavin and M Yeo), and the local MP Matt Rodda.

We look forward to receiving your response within 14 days of the date of this letter.

Yours sincerely
MRodgers



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Mark Rodgers
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Email: Mark.Rogers@Clarke-Telecom.com

(For and on behalf of MBNL and EE (UK) Ltd and Three (UK) Ltd)



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Our ref: RDG079

Cllr Jan Gavin
c/o Councillor Services
Civic Offices
Bridge Street
Reading
RG1 2LU
jan.gavin@reading.gov.uk

15th July 2022

Dear Cllr Gavin,

PRECONSULTATION – UPGRADE TO EXISTING RADIO BASE STATION INSTALLATION AT MBNL RDG079, 94 Chiltern Road, EASTERN GRASS VERGE OUTSIDE 94 CHILTERN ROAD, READING, Berkshire, RG4 5JD, N.G.R E: 472,210 N: 175,695

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The proposed works will enable 5G coverage to be provided to this area of Reading. The Government recognises that widespread coverage of mobile connectivity is essential for people and businesses. That is why the Government is committed to extending mobile geographical coverage further across the UK, with continuous mobile connectivity provided to all major roads and to being a world leader in 5G. This will allow everyone in the country to benefit from the economic advantages of widespread mobile coverage.

As well as improved mobile signal, 5G networks are also crucial to drive productivity and growth across the sectors that local areas are focusing on through their emerging Local Industrial Strategies. Enabling and planning for 5G implementation is central to achieving the Government's objective to deliver prosperity at the local level and enable all places to share in the proceeds of growth.

5G service provision will bring faster, more responsive and reliable connections than ever before. More than any previous generation of mobile networks, it has the potential to improve the way people live, work and travel, and to deliver significant benefits to the economy and industry through the ability to connect more devices to the Internet at the same time, the 'Internet of Things'. This will enable communities to manage traffic flow and control energy usage, monitor patient health remotely, and increase productivity for business and farmers, all through the real-time management of data.

The demand for mobile data in the UK is increasing rapidly, and as households and businesses become increasingly reliant on mobile connectivity, the infrastructure must be in place to ensure supply does not become a constraint on future demand.

The upgraded base station will also meet the extra demands on the network in this area as more people use internet enabled handheld devices.

The preferred MBNL option is as follows:

MBNL RDG079, 94 Chiltern Road, EASTERN GRASS VERGE OUTSIDE 94 CHILTERN ROAD, READING, Berkshire, RG4 5JD, N.G.R E: 472,210 N: 175,695

The proposal relates to the removal of the installation of a new 20-metre-high monopole supporting 6 no. antennas with a wraparound equipment cabinet at the base of the column, the installation of 3 no. new equipment cabinets and ancillary development thereto.

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Our ref: RDG079

Cllr Matt Yeo
c/o Councillor Services
Civic Offices
Reading
RG1 2LU
matt.yeo@reading.gov.uk

15th July 2022

Dear Cllr Yeo,

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The proposal for this MBNL site has been designed within International Commission on Non-Ionising Radiation Protection (ICNIRP) public exposure guidelines

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For your information pre-consultation letters and a set of plans have been sent to the local planning officers, the other local ward councillors for the Caversham ward (Cllrs J Lanzoni and J Gavin), and the local MP Matt Rodda.

We look forward to receiving your response within 14 days of the date of this letter.

Yours sincerely
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(For and on behalf of MBNL and EE (UK) Ltd and Three (UK) Ltd)

Our ref: RDG079

Mr Matt Rodda MP
House of Commons
London
SW1A 0AA
matt.rodga.mp@parliament.uk

VIA EMAIL

15th July 2022

Dear Mr Rodda,

PRECONSULTATION – UPGRADE TO EXISTING RADIO BASE STATION INSTALLATION AT MBNL RDG079, 94 CHILTERN ROAD, EASTERN GRASS VERGE OUTSIDE 94 CHILTERN ROAD, READING, BERKSHIRE, RG4 5JD, N.G.R E: 472,210 N: 175,695

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This letter is sent to you in the pre-planning application consultation phase of the development for an upgrade to an existing 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.

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

Summary of Proposal

As part of MBNL's continued network improvement program, there is a specific requirement for an upgrade to the existing ground based installation at 94 Chiltern Road to ensure that the latest high quality 2G, 3G and 4G service provision continues to be provided in this area of Reading. The proposed replacement antennas will also ensure that new 5G coverage can also be provided at this location. This ensures that coverage and capacity requirements are maintained with the minimalist of amendments to an established radio base station.

The proposal relates to the installation of a new 20-metre-high monopole supporting 6 no. antennas with a wraparound equipment cabinet at the base of the column, the installation of 3 no. new equipment cabinets and ancillary development thereto.

As this is an existing ground based installation and the amendments are minor in nature, this is sequentially the most preferable site for the operators to upgrade their existing service provision to this cell area. As such no other options have been considered.

In line with Best Practice principles we have shared these details with the local planning officers, and the local councillors for Caversham ward (Cllrs J Lanzoni, M Yeo and J Gavin).

ICNIRP Compliance

All MBNL 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 Practice for Wireless Network Development in England

<https://www.gov.uk/government/publications/code-of-practice-for-wireless-network-development-in-england/code-of-practice-for-wireless-network-development-in-england>

National Planning Policy Framework

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1005759/NPPF_July_2021.pdf

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 please do not hesitate to me.

I look forward to receiving any comments you may have on the proposal.

Yours sincerely

MRodgers

Mark Rodgers

Acquisition Surveyor

Acquisition

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Email: Mark.Rogers@Clarke-Telecom.com

(For and on behalf of MBNL and EE (UK) Ltd and Three (UK) Ltd)