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Our ref: MAN24790

Cllr Fiaz Riasat  
Member's Services Office  
Manchester City Council PO Box 532  
Town Hall Extension  
Manchester  
M60 2LA

Email: [cllr.fiaz.riasat@manchester.gov.uk](mailto:cllr.fiaz.riasat@manchester.gov.uk)

22nd June 2022

Dear Cllr Riasat,

**PRECONSULTATION – PROPOSED RADIO BASE STATION INSTALLATION AT MAN24790  
NORTH MANCHESTER GENERAL HOSPITAL, 131 DELAUNAYS ROAD, MANCHESTER, M8 4RE,  
NGR E: 384870 N: 402600.**

Clarke Telecom Ltd act on behalf of the mobile telecommunications operator Hutchison 3G UK Limited (Three). The proposal is to install a radio base station, in order to provide the latest 3G, 4G and new 5G technologies to the Blackley 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, Hutchison 3G UK Limited (Three) are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Hutchison 3G UK Limited (Three) continued network improvement program, there is a specific requirement for an installation at the footway of Delaunays Road to ensure that the latest high quality 3G and 4G service provision is provided in this area of the borough. The proposed column will also ensure that new 5G coverage can be provided at this location. This ensures that coverage and capacity requirements are maintained and enhanced.

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.

This site will enable 5G coverage to be provided to this area of Blackley. 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 radio base station will also meet the extra demands on the network in this area as more people use internet enabled handheld devices. It is a densification project for the operator's network to fill holes in service provision including coverage and capacity. This will enable the operator's customers to be able to use their handheld devices without calls being dropped or buffering occurring where there is a gap in the operator's network coverage and capacity ability. A site in this location will fill the gap in service provision and provide high quality, reliable, advanced 3G, 4G and 5G to this urban area of Blackley.

The preferred Hutchison 3G UK Limited (Three) option is as follows:

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The proposal relates to the installation of 20m high slim-line monopole, supporting 6 no. antennas, 1 no. wraparound equipment cabinet at the base of the monopole, 1 no. equipment cabinet, 2 no. electric meter cabinets and ancillary development thereto including 1 no. GPS module.

The proposed height at 20m is essential in order to ensure the latest 4G and new 5G technologies are provided in the Blackley area. These latest technologies operate at higher frequency bands than older technologies such as 2G and 3G. The higher the frequency band the greater the radio signal is naturally weakened. This means that the effects of clutter are even more significant than for the provision of older technologies. As a result, a higher column is normally required to maintain the same coverage footprint. The latest 4G technology and new 5G service provision carry higher capacity and data speeds to the user, this leads to such antennas having to be positioned at a higher height than more standard antennae and in turn a taller antenna height for 5G service provision.

The antennas are proposed to be open and not shielded as this provides the optimal service provision to the surrounding area. If the antennas were to be shrouded, they would not be as efficient at providing the latest technologies to this cell area. Thus an additional installation would likely to be required in this cell area which would lead to the proliferation of masts contrary to the NPPF.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other commonly found equipment cabinets. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

We have considered alternative site options and discounted as follows:

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A mast at this location would not provide the required level of coverage to the target area due to the substantial tree cover to the south east that would inhibit the signal and would not deliver the required coverage to the target area. This site has therefore been discounted for this reason.. This site has therefore been discounted for this reason.
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Yours sincerely

*joshua fiteni*



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(for and on behalf of Hutchison 3G UK Limited (Three)).



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Our ref: MAN24790

Cllr Jawad Amin  
Members' Services Office  
Manchester City Council PO Box 532  
Town Hall Extension  
Manchester  
M60 2LA

Email: [cllr.jawad.amin@manchester.gov.uk](mailto:cllr.jawad.amin@manchester.gov.uk)

22nd June 2022

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Cllr Nasrin Ali  
Members' Services Office  
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Town Hall Extension  
Manchester  
M60 2LA  
Email: [cllr.nasrin.ali@manchester.gov.uk](mailto:cllr.nasrin.ali@manchester.gov.uk)

22<sup>nd</sup> June 2022

Dear Cllr Ali,

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(for and on behalf of Hutchison 3G UK Limited (Three)).

Our ref: MAN24790

MP Graham Stringer  
House of Commons  
London  
SW1A 0AA  
Email: [graham.stringer.mp@parliament.uk](mailto:graham.stringer.mp@parliament.uk)

**VIA EMAIL**

22nd June 2022

Dear MP Stringer,

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This letter is sent to you in the pre-planning application consultation phase of the development for a new mast 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 Hutchison 3G UK Limited (Three) continued network improvement program, there is a specific requirement for an installation at the footway of Delaunays Road to ensure that the latest high quality 3G and 4G service provision is provided in this area of the borough. The proposed column will also ensure that new 5G coverage can be provided at this location. This ensures that coverage and capacity requirements are maintained and enhanced.

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- **Streetworks – Footway of Crumpsall Way, Manchester, M8 5QA, NGR E: 384850 N: 402512**  
An installation at this location is considered to inappropriate as it would be outside residential properties and other alternatives exist which are more appropriate in order to deliver the required coverage to the target area. This site has therefore been discounted for this reason.
- **Streetworks – Footway of Crumpsall Way, Manchester, M8 5QA, NGR E: 384794 N: 402387**  
An installation at this location is located too far to the south to deliver the required level of coverage to the target area. This site has therefore been discounted for this reason.

In line with Best Practice principles we have shared these details with the local planning officers and local ward councillors for Crumpsall Ward (J Amin, F Riasat and N Ali).

#### 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 Best Practice on Mobile Network Development

<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 [www.communities.gov.uk](http://www.communities.gov.uk)

World Health Organisation – Electromagnetic Fields [www.who.int/peh-emf/en](http://www.who.int/peh-emf/en)

International Commission on Non Ionising Radiation Protection [www.icnirp.de](http://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

*joshua fiteni*

Josh Fiteni

Town Planner

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(For MBNL on behalf of Hutchison 3G UK Limited (Three)).