

Our ref: CTIL 30687600

23<sup>rd</sup> November 2022

Mark Eastwood  
House of Commons  
London  
SW1A 0AA

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

Dear Mr Eastwood

**PRE-PLANNING APPLICATION CONSULTATION FOR A PROPOSED MOBILE PHONE BASE STATION  
INSTALLATION CTIL 30687600 TEF 22777, THUNDERBRIDGE GF, BOX INGS LANE, HUDDERSFIELD, HD80SU**

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](mailto:community@cornerstone.network)

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

Cornerstone is in the process of progressing suitable sites in the THUNDERBRIDGE area for radio base stations to maintain and improve existing levels of service provision.

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

Cornerstone Planning Consultation Letter to MPs - single site (England) V.5 15.11.2022

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

5G rollout has begun and Cornerstone is in the process of installing new radio base stations in their network. As part of Cornerstone’s continued network improvement program, there is a specific technical requirement to provide new coverage in this area of HUDDERSFIELD.

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 a 20m high lattice tower, 3 No. antennas and associated RRUs. Installation of 2 No. equipment cabinets and 1 No. electrical meter cabinet within a new 6.5m x 6.5m compound surrounded by a 2.1m high palisade fence. Existing Telefónica site to be removed at the THUNDERBRIDGE GF, BOX INGS LANE, HUDDERSFIELD, HD80SU, NGR: E- 419341 N- 411809. This is because Cornerstone is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of THUNDERBRIDGE.

The proposed height at 20m 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:

Site <sup>3</sup>	Site Name and address		NGR	Reason for not choosing <sup>4</sup>
ETS - existing Telecom site	Name	Thunderbridge GF		T - Technical Difficulties
	Line 1	Box ings Lane	Eastings	This site is currently too close to the adjacent Existing Airwave Structure therefore creating ICNIRP issues and has been discounted for this reason
	Line 2	Thunderbridge	419335	
	Town	Kirklees	Northings	
	County	Huddersfield	411741	
	Postcode	HD8 0SU		
ETS - existing Telecom site	Name	Airwave GF		T - Technical Difficulties
	Line 1	Box ings Lane	Eastings	This site is currently too close to an existing tower therefore has been discounted for this reason
	Line 2	Thunderbridge	419339	
	Town	Kirklees	Northings	
	County	Huddersfield	411745	
	Postcode	HD8 0SU		

In line with Best Practice principles we have shared these details with local councillors, planning officers and in this case other community groups (amend as appropriate and insert community letters / schools / groups where applicable).

### ICNIRP Compliance

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:

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**Code of Practice for Wireless Network Development in England (March 2022)**

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1057999/Code\\_of\\_practice\\_for\\_wireless\\_network\\_development\\_in\\_England.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1057999/Code_of_practice_for_wireless_network_development_in_England.pdf)

**National Planning Policy Framework**

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

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1005759/NPPF\\_July\\_2021.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1005759/NPPF_July_2021.pdf)

**World Health Organisation Electromagnetic Fields**

[https://www.who.int/health-topics/electromagnetic-fields#tab=tab\\_1](https://www.who.int/health-topics/electromagnetic-fields#tab=tab_1)

**International Commission on Non-Ionising Radiation Protection**

[www.icnirp.de](http://www.icnirp.de)

**Mobile UK FAQ**

<https://www.mobileuk.org/5g-and-health-faqs>

I trust all is clear from the enclosed but if you have further questions on this or any other matter concerning Cornerstone, 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 30687600)

Yours sincerely

*MREID*

Maxine Reid

Estate Surveyor

Acquisition

0161 785 4500

[Maxine.Reid@Clarke-Telecom.com](mailto:Maxine.Reid@Clarke-Telecom.com)

(for and on behalf of Cornerstone)

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