

Our ref: CTIL 30687600

23<sup>rd</sup> November 2022

Cllr Richard Smith  
KIRKLEES COUNCIL  
Councillor Richard Smith  
PO Box 1720  
HUDDERSFIELD  
HD1 9EL

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

Dear Cllr Smith

**PROPOSED BASE STATION INSTALLATION AT 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

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. We aim to work with you to progress a proposal that is both acceptable to your authority and meets our customer's technical network requirements. This approach accords with Cornerstone's Best Practice Commitments to ensure consultation with Local Planning Authorities and other appropriate key stakeholders.

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.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones, and other devices we rely on simply won't work.

This proposed new site will enable coverage to be provided to this area of THUNDERBRIDGE. 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. 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

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

Cornerstone Planning Consultation Letter to Councillors - Standard V.3 – 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

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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.

Please find below the details of the proposed site and the alternative site options considered and discounted in our site selection process: -

Our technical network requirement is as follows:

CTIL 30687600 TEF 22777, THUNDERBRIDGE GF

The site is needed to provide new 2G, 3G, 4G coverage and capacity to ensure that customers continue to experience access to the latest service provision currently available and have access to a new 5G network. The proposed new installation will also meet the extra demands on the network in this area as new technologies improve.

A number of options have been assessed in respect of the site search process and the preferred Cornerstone option is as follows:

THUNDERBRIDGE GF, BOX INGS LANE, HUDDERSFIELD, HD80SU, NGR: E- 419341 N- 411809

The proposed works comprise 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.

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 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 equipment cabinets commonly found in urban environments. 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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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 This site is currently too close to the adjacent Existing Airwave Structure therefore creating ICNIRP issues and has been discounted for this reason
	Line 1	Box ings Lane	Eastings	
	Line 2	Thunderbridge	419335	
	Town	Kirklees	Northings	
	County	Huddersfield	411741	
	Postcode	HD8 0SU		
ETS - existing Telecom site	Name	Airwave GF		T - Technical Difficulties This site is currently too close to an existing tower therefore has been discounted for this reason
	Line 1	Box ings Lane	Eastings	
	Line 2	Thunderbridge	419339	
	Town	Kirklees	Northings	
	County	Huddersfield	411745	
	Postcode	HD8 0SU		

The Local Planning Authority mast register and our records of other potential sites have already been reviewed, the policies in the Development Plan have been taken into account and the planning history of the site has been examined.

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.

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

We would also be grateful if you could please advise of any local stakeholders or groups that might like to make comments. For your information pre-consultation letters and a set of plans have been sent to the other local ward councillors for Kirklees council, parish clerk and local MP.

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

Should you have any queries regarding this matter, please do not hesitate to contact me (quoting cell number 30687600)

Yours faithfully,

**MREID**

Maxine Reid  
Estate Surveyor  
Acquisition  
0161 785 4500  
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(for and on behalf of Cornerstone)

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