



Our Ref: 220710 Kingston SSC

Chief Planning Officer
Planning and Development
Guildhall 2
High street
Kingston
KT1 1EU

Monday 11th October 2021

Via Planning Portal Ref: PP-10294103

Dear Sir/Madam,

PROPOSED BASE STATION UPGRADE AT, Taverner House, Birkenhead Avenue, Kingston upon Thames, Surrey KT2 6RX.

Please find included a prior approval application, on behalf of Cellnex UK (For Airwave Solutions Limited) to upgrade the existing BT Exchange building and existing mobile communications networks on Taverner House.

As part of Airwave Solutions Limited continued network improvement program, they wish to upgrade the existing site to facilitate additional coverage and capacity requirements. Section 5 of the NPPF sets out the Government's general overview regarding supporting high quality communications infrastructure, recognising that advanced, high quality communications infrastructure is essential for sustainable economic growth. In order to keep the number of base stations to a minimum, the use of existing sites is considered to provide the optimum solution and accordingly the proposed site upgrade should be viewed positively. As such, no alternative locations were sought in this instance.

Base stations use radio signals to connect mobile devices and phones to the network, enabling people to send and receive; calls, texts, emails, pictures, web, TV and downloads. Without base stations, mobiles devices and phones will not work.

Many other everyday items also use radio signals to send and receive information, such as television and radio broadcasting equipment and two-way radio communications. Base stations are connected to each other and telephone exchange buildings by cables or wireless technology such as microwave dishes, to create the network. The area each base station covers is called a "cell". Each cell overlaps with its neighbouring cells to create a continuous network. The size and shape of each cell is determined by the features of the surrounding area, such as buildings, trees and hills which can block signals. When people travel between cells, the signal is transferred between base stations without a break in service. Each base station covers a certain area only and can only handle a limited number of calls at once. As mobile phones and devices become more popular, more base stations are needed to ensure continuous coverage.

This application follows pre-application consultation dated 30/01/2020. It is now proposed to upgrade the existing site including new and redistributed steelwork and supporting structures to allow for new antennas installations to deliver the latest technologies discussed above.



BEACONCOMMS

TELECOMMUNICATIONS INFRASTRUCTURE

www.beaconcomms.co.uk

The proposed increase in height is the minimum capable of providing the technological improvements sought.

In support of the application the following information is enclosed: -

- Planning Application form and relevant certificates
- Planning drawings
- Prescribed fee
- Supplementary Information Template
- ICNIRP

In selecting the site, the applicant has had regard to national and local planning policies, the site context, potential alternative solutions, visual impact, health and safety considerations as well as operational need. It is considered that the application site and the proposed form of development provide the optimum solution in this instance.

Should you have any queries in respect of the information submitted or indeed require any further information, please do not hesitate to contact me. In the meantime, I await your earliest positive response.

Yours Faithfully,

G V Oliver

George Oliver
Senior Acquisition and Planning Surveyor
Beacon Comms
E: George.Oliver@beaconcomms.co.uk

For and on behalf of Cellnex UK (For Airwave Solutions Limited)