

Technical Justification

Site details	
Cell ref:	037039
Site Name:	Buckland Court
Site address:	37 Belsize Park
	London
	NW3 4ED
National Grid Coordinates	E:526795 N:184722

This summary provides a technical justification for the proposed telecommunications installation at Buckland Court. It is accompanied by radio coverage plots which illustrate the need for the proposed installation.

Site *037039* at 37 Belsize Park is designed to give an improved level of coverage to O2 customers so that they can make and retain good quality calls in the area around Belsize Park and West Hampstead.

The proposed site is required to improve the existing 2G service to customers. The increased use of mobiles phones and other devices means that O2 is continually looking to improve its network. There is currently a shortfall in coverage in this area, as is shown by the attached plot coverage diagrams. The proposed site will remedy this problem and provide customers with an improved level of service, allowing them to make and retain calls, whether this is from home, from work, or whilst on the move.

The attached radio coverage plots are produced using computer modelling software and are intended to give as accurate a representation as possible of existing and proposed coverage. The model does not take into account specific local features such as individual building heights, trees. Etc

The coverage plots show levels of coverage at -80dBm

Plot 1 – Existing coverage without 037039

This plot shows the coverage from our existing and planned 2G sites without the proposed site. It can clearly be seen that there are areas without an acceptable level of coverage for 2Gservice

Plot 2 – Proposed coverage from 037039 (in isolation)

This plot is provided to show the coverage that would be achieved from the proposed installation, at the required height, in isolation so that this can be readily appreciated.

Plot 3 – Proposed Coverage with 037039 in place

This plot includes the coverage from our existing and planned sites with proposed site 037039 in place. This site would provide an improved 2G service in the required area. Existing and proposed sites are indicated on the plot diagram to demonstrate how the proposed site relates to existing and proposed sites.