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DESIGN AND ACCESS STATEMENT

Airwave Solutions Limited SITE NUMBER EV004a: BARN AT KIRKDALE, HIGH STREET, EGTON, WHITBY, N. YORKSHIRE YO21 1UT

This Design and Access Statement is provided in conjunction with the Planning Justification, drawings and supporting material that was submitted with this planning application. This statement is submitted pursuant to Article 4C of the Town and Country Planning (General Development Procedure) Order 1995 (as amended).

In accordance with the most recent issue dated 24/7/2013 The Code of Best Practice on Mobile Network Development¹, and published Government guidance, this proposal was drawn up having regard to the need for good design.

In particular:

- Considerations of design and layout are informed by the context, having regard not just to any immediate neighbouring buildings but the townscape and landscape of the wider locality. The local pattern of streets and spaces, building traditions, materials and ecology all help to determine the character and identity of the development.
- The scale, massing and height of proposed development have been considered in relation to that of adjoining buildings; the topography, the general pattern of heights in the area; and views, vistas and landmarks.

The following general design principles have been taken into account in respect of this proposed telecommunications development:

- A proper assessment of the character of the area concerned.
- That the design shows an appreciation of context;

SITE CONDITIONS, TECHNICAL CONSTRAINTS, LANDSCAPE FEATURES AND CAPACITY REQUIREMENTS

Introduction

The installation requires a clear 'line of site' (LOS) to the Airwave Hub site for connectivity (at Limber Hill) and to as many of the rooftops within the village of Egton as possible, thus the antenna and dish mounting heights are critical to the performance of the installations. The mid section of Egton is on a steep gradient (North to South) and ground heights and trees are a significant factor affecting coverage. Due to the topography, coverage from this proposed site at Kirkdale is limited from the junction to the north (with the road heading east out of Egton), and mainly to the premises on the west side of the High Street leading down towards Egton School, thus the need for further installations within the village of Egton.

¹ Appendix B

Pre Application Discussions and Negotiations

Galloway Estates, NYNET, Scarborough Borough Councils Regeneration Team Leader, The Esk Valley Broadband Community Champions, local stakeholders and the Head of Planning from N. York Moors National Park Authority held a meeting in Egton on 13th November to attend a presentation by Airwave and TTP (The Radio Planners) relating to the pilot project for the Esk Valley. All elements of the scheme, its background, aims and requirements were shared, along with some initial site locations identified for the installations. This was a constructive meeting and resulted in some alternative suggestions for sites and also the review of the Planning Officers delegated powers in order to assist with a speedy application process to ensure that the timeframes for this pilot could be more readily met.

Further to the meeting on 13th November 2014, a day of surveys and site inspections was arranged for 24th November 2014 which was attended by the Team Leader Planning (north), Peter Jones, from NYMNPA as well as the radio planner from TTP, Galloway Estates, an aerial photography team and designers. All three sites within this application were inspected and commented upon from all disciplines attending the surveys. As a result, the locations were carefully assessed, as well as indicating the likely equipment height and antenna / dish requirements for each site.

Following the survey day, formal pre-consultation correspondence was issued to NYMNPA on 27th November 2014 with confirmed address locations NGR's and equipment specifications following further desktop analysis by the radio planners at TTP.

In response to the pre-consultation of 27th November 2014 the Team leader of Planning (North) at NYMNPA responded on 5th December 2014 with comments on each site, including preferred paint / colour finishes for the installations, as well as confirmation that multiple sites could be included within the application for the installations proposed in Egton.

Copies of all correspondence referred to above are enclosed within this application.

Documentation Submitted with Application

- Plans and elevations
- Planning justification (inc coverage plots)
- Copy correspondence of pre-consultation

Design Component

- **Use proposed:** Communications base station for wireless broadband using various technologies, for the benefit of the Egton community
- **Amount:** 1 omni antenna, 1 panel 'AC' and 1 dish mounted on a support pole on the northern gable end of the barn, along with a single cabinet at ground level on the north east side of the barn.



- **Layout:** Please refer to the drawings with the application which indicate how the equipment will be arranged on the barn. It will be noted that the proposed support pole and antenna only protrudes 2.7m (approx) above the roof line of the barn with all cabling to be run internal to the barn in order to connect to the cabinet at ground level.
- **Scale:** The omni antenna is approx 1m long, the dish is 500mm in diameter and the Panel AC is 400mm square. The equipment is mounted at the lowest height possible to achieve coverage requirements to the target area consisting of the central western part of Egton Village and to also achieve the necessary link in to the Airwave network based at Limber Hill.
- **Landscaping:** It is not considered appropriate for any further landscaping in this instance. The cabinet is well screened behind a wall and adjacent to the barn.
- **Appearance:** The installation is of minimal design and will have a neat appearance when in close proximity. Views from the public highway are very restricted and impact is almost de-minimis.

Access

Access to the development is via the existing access road direct from the High Street to the barn at Kirkdale. This is a private road.

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