



5G ROLL OUT PLANNING PRE-APPLICATION ENQUIRY - SITE DETAIL SHEET

Site Requirement

Site Introduction	Telecoms Planning Pre-Application Enquiry for a proposed Telecommunication Mast installation at: Ffordd Baglan, Baglan Moor, Port Talbot Glamorgan, SA12 6UX
Site Objective	This site is to give coverage to the surrounding area and link other sites into the Network. This is as part of a project to give 5G coverage to the surrounding area.

Preferred Site

Site Name	NPT17938 Ffordd Baglan
National Grid Reference	E: 275310 N: 190644
Traffic Light Model Rating	Amber
Assessment	In this instance the proposed new 20m high Phase 8 3HG street pole and associated 3no. equipment cabinets (colour GREY-7035) are proposed to be located on the grass verge adjacent to Baglan Way. The search area here – Designated Search Area (DSA) is located close to a school and public park and a residential area and therefore presents difficulties for finding a suitable location for a new 5G telecommunications mast. The installation is looked upon as being a minimal modern telecoms installation necessary to extend high-speed mobile coverage to this part of Baglan Moor, Port Talbot, Glamorgan

Equipment Details: -

Please refer to enclosed planning drawings.

NPT17938_PLANNING_REV_A

Figure 1 – Coverage Plots showing the required area to be covered showing the best location from a coverage perspective – needs to be as close as possible to green marker.



Figure 2 – Search area shown on aerial view for proposed new telecommunications mast – note that the proposed site normally requires be within 100 metres of the Nominal location for mast

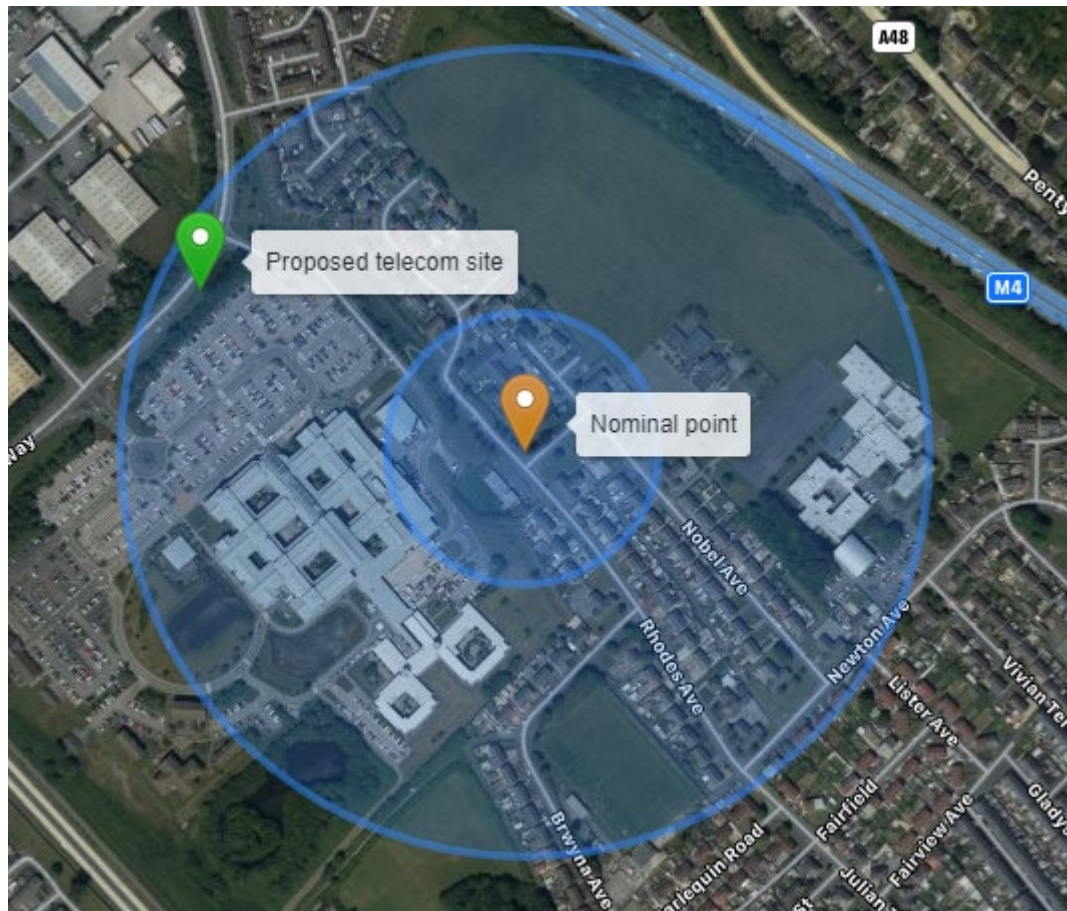


Figure 3 – Photographs of Proposed Site



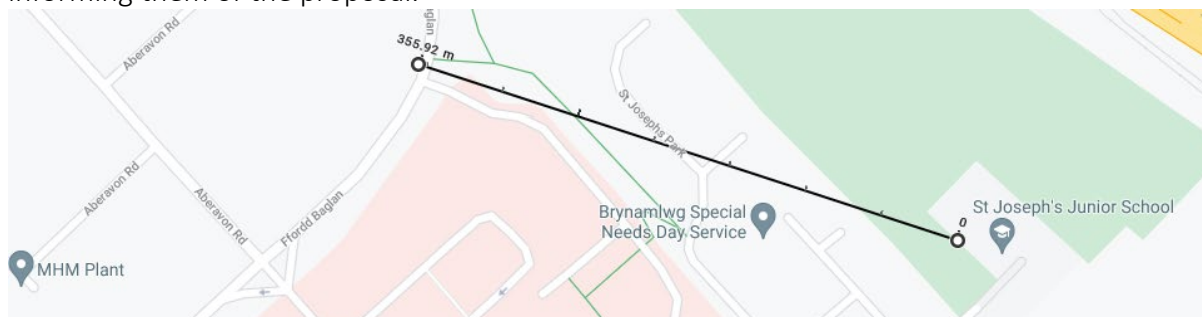
Site Description of Designated Search Area (DSA)

As this mast is a 5G installation, to work it needs to be close to those who will benefit from the technology, and this is why such a small search area is required here. Movements outside this area are likely to require a proliferation of masts to do the same job, and even then, we are likely to have coverage gaps.

The DSA was located to the north of Neath Port Talbot Hospital in Port Talbot, 8 miles east of Swansea, in South Wales. The 50m DSA was located in a residential area with just two streets immediately south west of St Josephs School, with no sufficient space to locate a site due to private land and school proximity, the search was stretched to the west to an area with no H3G cells and lack of residential overlook. A suitable location was identified west of the Hospital on a grass verge in line with existing street lighting and signage along Ffordd Baglan adjacent to Baglan Industrial Estate. The site proposed to be located on the grass verge adjacent to Baglan Way.

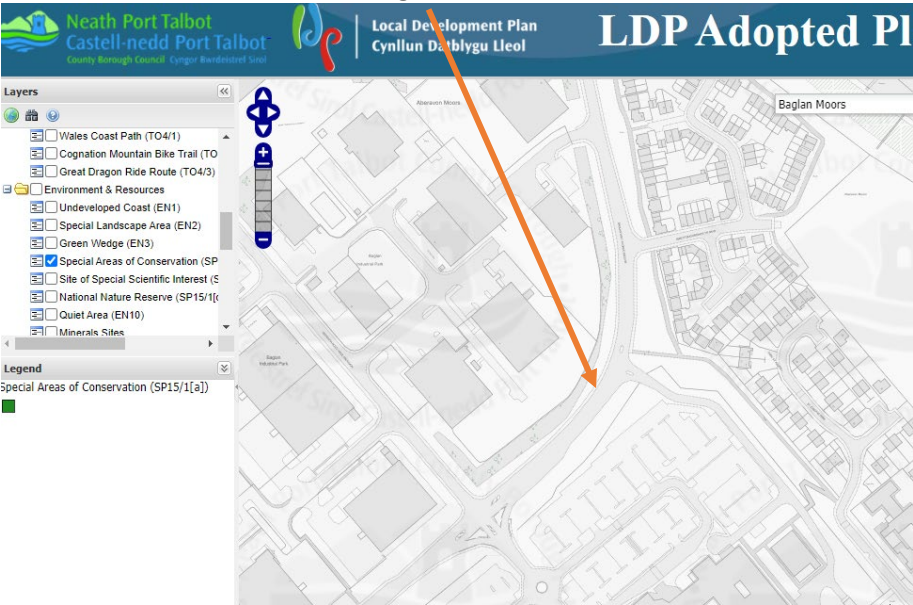
Proximity of the site to schools

A review of available mapping shows that there is St Joseph's Junior School (356m) close to the site of the proposed mast. St Joseph's Junior School will be sent this sheet by email, informing them of the proposal.



Is the site within or close to a Conservation Area?

As per the extract from the Neath Port Talbot County Borough Council Plan we note that this site is not located within a designated Conservation Area.



❖ Extract from the Neath Port Talbot County Borough Council Local Plan Map

Discounted Sites – see Figure 4

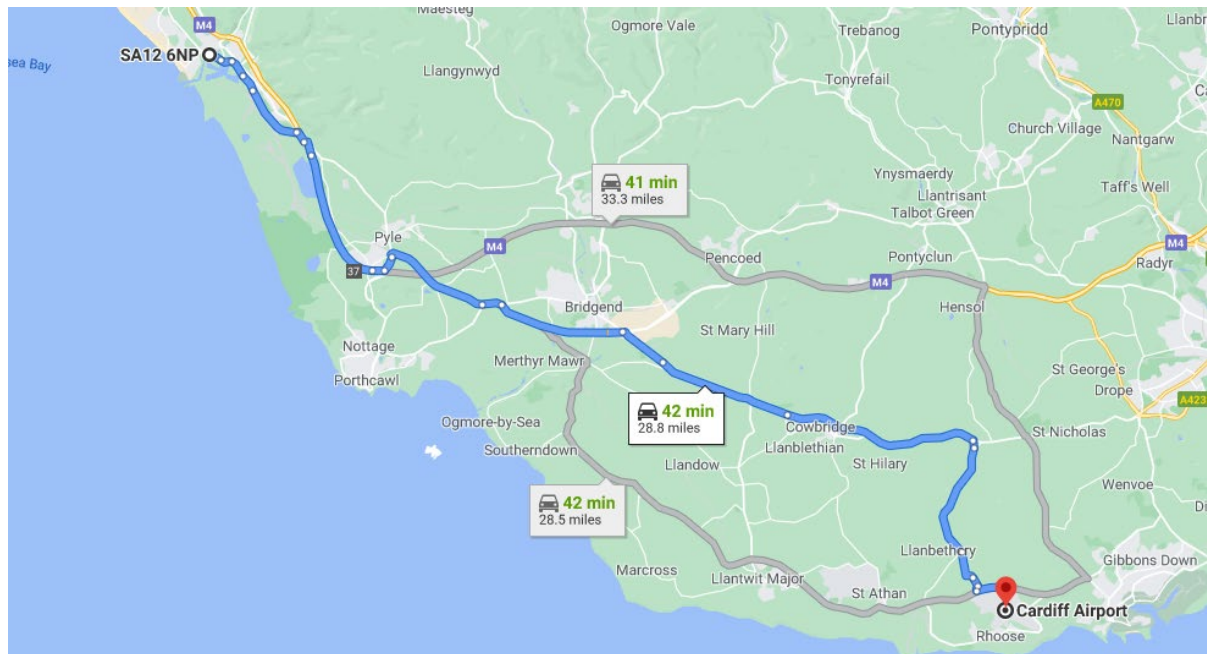
As part of the site search and discounting of potential suitable locations, the streets and properties were visited and for the reasons given discounted.

Site Reference	Reason why discounted
D1 – Nobel Avenue	within 100m of the school and private
D2- Brwyna Avenue	visibility splays issues on the corner of the junction
D3 – Rhodes Avenue	Close proximity to residential property
D4 – Afan Way	Private land belonging to the Hospital



Proximity to airport or aerodrome

The site is located approximately 27 miles away from Cardiff Airport.



Relevant Planning Policy

A review of the planning policy section of Neath Port Talbot County Borough Council web site details the applicable Development Plan for this area.

1.2.8 The key priorities for the region are:

- Improving accessibility. This includes improved telecommunication links as well as developing transport connections between the key settlements;
- Developing a cutting edge knowledge economy;
- Reducing economic inactivity and developing an integrated skills strategy;
- Implementing the Waterfront Masterplan to maximise opportunities along the stunning coastline;

5.3.92 Policy RE1 Criteria for the Assessment of Renewable and Low Carbon Energy Development

Policy RE 1

Criteria for the Assessment of Renewable and Low Carbon Energy Development

Proposals for renewable and low carbon energy development will only be permitted subject to the following criteria:

1. Large scale wind farm developments (>25MW) will be expected to be located within the boundaries of the refined Strategic Search Areas.
2. Proposals for wind farms of any size outside the SSAs will only be permitted where it is demonstrated that there will be no unacceptable impact on visual amenity or landscape character through the number, scale, size, design and siting of turbines and associated infrastructure.
3. Small scale wind farm developments (<5MW) will be required to demonstrate that impacts are confined to the local scale.
4. All renewable energy or low carbon energy development proposals will be required to demonstrate that:
 - (a) Measures have been taken to minimise impacts on visual amenity and the natural environment;
 - (b) There will be no unacceptable impacts on residential amenity;
 - (c) The development will not compromise highway safety;
 - (d) The development would not interfere with radar, air traffic control systems, telecommunications links, television reception, radio communication and emergency services communications; and
 - (e) There are satisfactory proposals in place for site restoration as appropriate.