

4G/5G ROLL OUT PLANNING PRE-APPLICATION ENQUIRY - SITE DETAIL SHEET

Site Requirement

Site Introduction

Planning pre-application enquiry for a proposed replacement telecommunications site within the grounds of:

**Drummond Road SW
Shamblehurst
Hedge End
Eastleigh
Hampshire
SO30 2AH**

Site Objective

To maintain and provide the surrounding area with mobile coverage and capacity, while linking other sites into the wider network. The mobile operators of EE and Three have an operational telecommunications site located at Hansen Gardens, Shamblehurst, Hedge End, Eastleigh, Hampshire, SO30 2LN. The site is to be decommissioned. As a result, a replacement telecommunications site is required to maintain connectivity within the local area. Further details are outlined below.

Preferred Site

Site Name

27873 – Drummond Road SW

National Grid Reference

NGR E: 449223 N: 114302

Traffic Light Model Rating

AMBER

Assessment

In this instance, the installation of a new 20m high Valmont monopole and antennas and associated ancillary equipment to replace a site nearby, as shown on the attached drawings. The equipment has been designed to create a minimal, modern telecoms installation, which is required to extend high-speed mobile coverage to the area in and around the area.

Equipment Details: -

Please refer to the planning drawings (enclosed).

27873 – Drummond Road SW – Planning Drawings

Site Description of Designated Search Area (DSA)

As this mast is a new installation, it is crucial that it is located close to those who will benefit from the technology. Due to the specific radio frequencies utilised by 5G networks, a limited search area is required, in proximity to the existing site that is being decommissioned. While national planning policy and best practice guidance emphasize minimising the proliferation of masts wherever possible, this objective was a primary consideration during the search. Unfortunately, a like-for-like replacement at the current location was not feasible. As shown in Figure 1, two sites are necessary to maintain the existing coverage. This requirement arises from the Notice to Quit (NTQ) issued for the current site. A single replacement site would not effectively meet both the current and growing demand for reliable services, leading to significant coverage gaps. By replacing the NTQ site with two strategically placed sites, we will enhance network performance, ensure more consistent coverage, and improve the overall user experience. These new sites will not only address existing coverage deficiencies but also support future network expansion and capacity needs.

The Designated Search Area (DSA) is located in the Shamblehurst area. A new site is required to replace and extend the coverage capacity, efficiency and connectivity for the area, improving the overall network performance and user experience for residents and businesses within the local area.

Proposed Works:

- Installation of 20m Streetworks Monopole.
- Installation of 2No. 300mm dishes at 13.62m.
- Installation of 3No. antennae at 16.32m.
- Installation of 3No. antennae at 19.52m.
- Installation of a GPS nodes installed on the top of the monopole.
- Installation of 4No. Cabinets at ground base level.
- Installation of ancillary equipment as shown on the attached drawings.

Figure 1: An illustration of the proposed site and NTQ site.

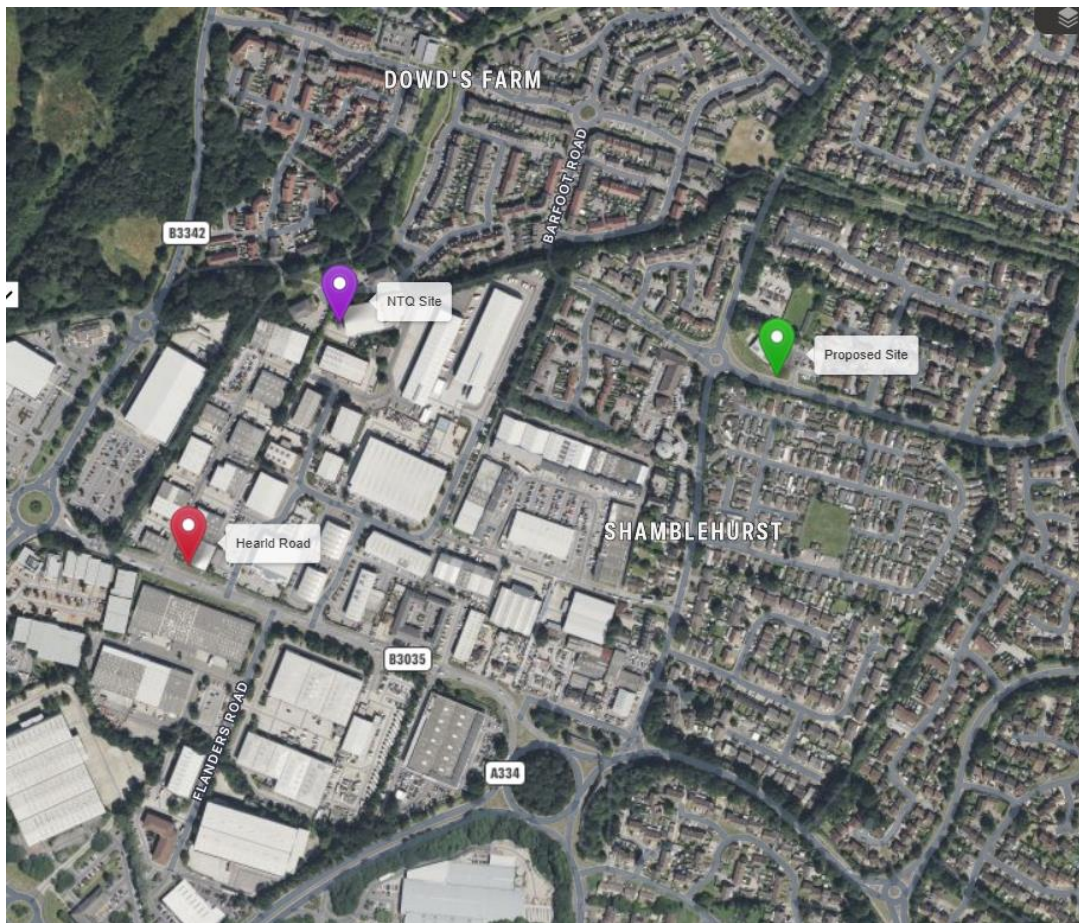


Figure 2 - Site Photograph: (approximate location of site).

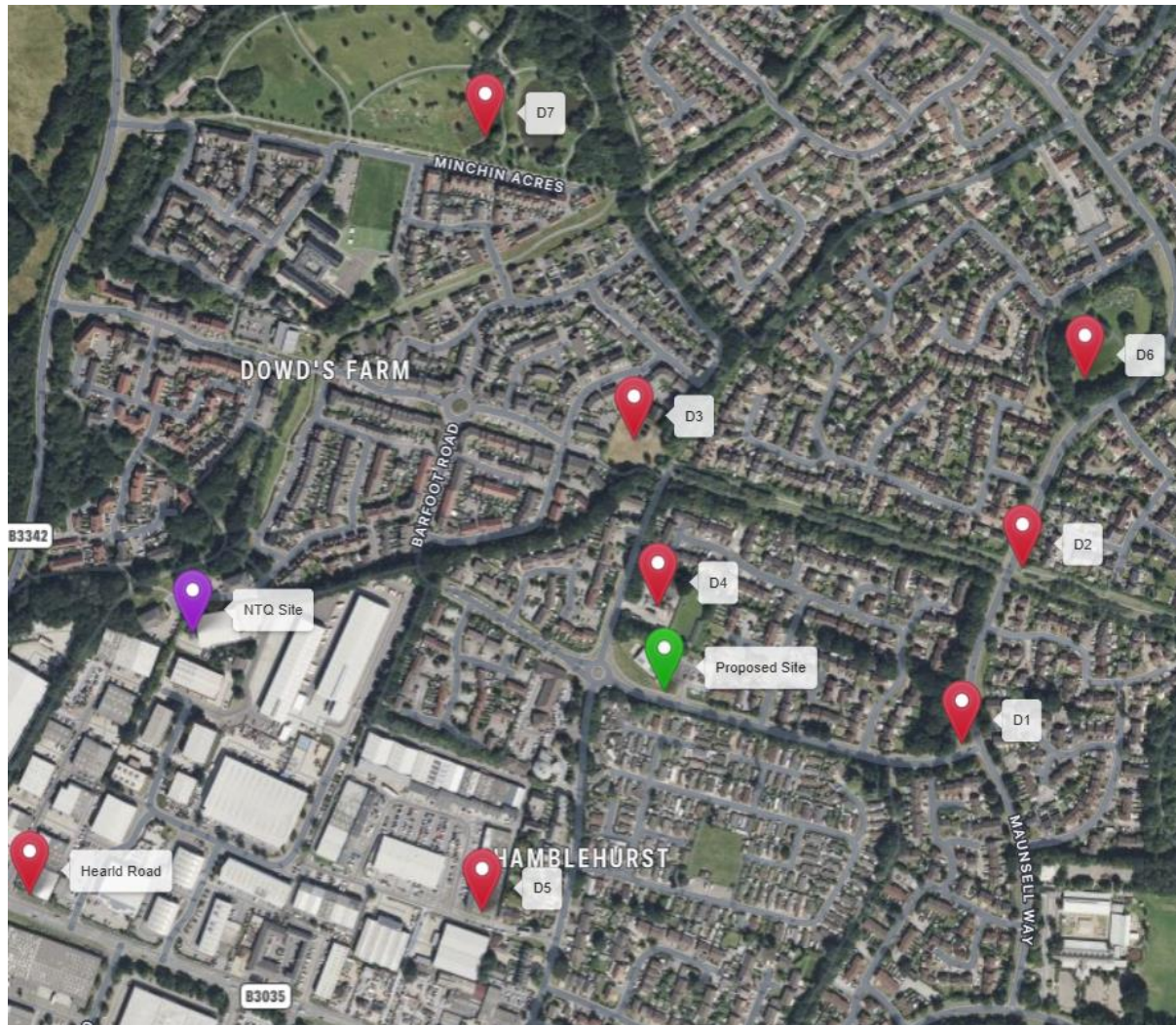


Discounted Sites

As this is a new site, for a replacement telecommunication site nearby, the following sites have been discounted:

Site	NGR	Discounted Reason
D1 Verge off Drummond Road	E: 449503 N: 114256	This site has been discounted as compared to the proposed site located on Drummond Road, there are residential properties surrounding the area and therefore would likely receive negative comments. The site also has build issues that would complicate the proposal and therefore not be sufficient for a telecommunications installation.
D2 Maunsell Way	E: 449559 N: 114421	This site has been discounted due to it being located in green open space, which is overlooked by residential properties and therefore will not be favourable by the local planning authority or local community.
D3 Dowd's Farm, Hedge End, Eastleigh, Hampshire, SO30 2LR	E: 449192 N:114539	This site has been discounted due to being in green open space, which is overlooked by residential properties and therefore will not be favourable by the local planning authority or local community.
D4 Hedge End Household Waste Recycling Centre	E: 449216 N:114382	This site has been discounted due to its location within an operational recycling centre, which presents unique challenges for potential development or use. The site's primary function as part of the recycling centre means it is already occupied by essential operations and infrastructure, leaving limited available space for new installations.
D5 Southern Calibration Laboratories Ltd, Shamblehurst Lane South, Shamblehurst, SO30 2YU.	E: 449052 N: 114093	This site has been discounted as there are residential properties within close proximity, therefore will not be favourable by the local planning authority or local community.
D6 Maunsell Way, Dowd's Farm, Hedge End, Eastleigh, Hampshire, SO30 2RS,	E:449617 N:114600	This site has been discounted due to being in park, which is overlooked by a children's play area and therefore will not be favourable by the local planning authority or local community.
D7 Minchin Acres, Dowd's Farm, Hedge End, Eastleigh, Hampshire, SO30 2BJ,	E:449048, N:114822	This site is located within an SSSI and quite far from the search area, so another site may potentially be needed. Overlooked by houses, therefore not favourable by local community or local planning authority.

Figure 3 - An illustration of the discounted sites considered.

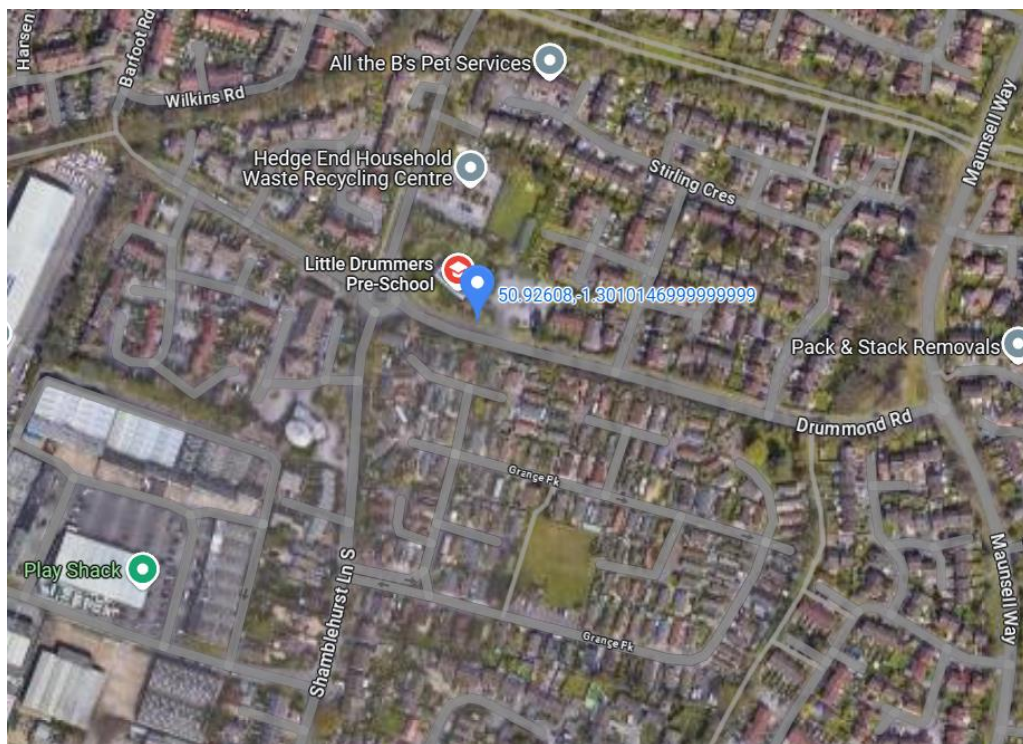


Proximity of the site to schools

A review of available mapping shows there is one education establishments within 400m proximity of the site (blue marker) (extract from Google Maps).

Little Drummers Pre-School – approximately 20m away.

Figure 4: An image to show the education establishment's within 400m.



In accordance with the guidance provided in the Code of Practice for sites assessed as AMBER under the traffic light rating. In accordance with the Mobile UK Voluntary Code of Best Practice, we are consulting with them about this proposal.

Proximity of the site to airports

There are no airports, airfields or helipads within 3km of the proposed site. However, we are aware Southampton Airport is approximately 4km from the proposed site. The site is outside a safeguarding area and therefore no threat to aircraft safety.

🇬🇧 Airport Near SO30 2AH, Southampton, England, UK					
<< Go Back To UK Nearest Airport Search					
Airports with scheduled flights sorted by distance.					
Type	Airport Name	City	IATA Code	Connectivity	Distance
✈	Southampton Airport	Southampton	SOU	★★★★★	2.99 mi
✈	Bournemouth Airport	Bournemouth	BOH	★★★★★	25.73 mi
✈	London Gatwick Airport	London	LGW	★★★★★	50.59 mi
✈	London Heathrow Airport	London	LHR	★★★★★	52.26 mi
✈	RAF Brize Norton	Brize Norton	BZZ	★★★★★	58.22 mi

Is the site within or close to a Conservation Area?

Following a review of Eastleigh Borough Council Interactive map, our proposed site is not located within a conservation area or any other land designation. Nevertheless, we are aware of the importance of designations upon the local area, and we believe that we have taken the necessary care and attention to the surrounding area in the sitting and appearance of this monopole and believe that no significant adverse impacts would be created.

Legislation

The Eastleigh Borough Local Plan (2016 – 2036) has been reviewed and Policy DM9, Public Utilities and Communications highlights the importance of telecommunications infrastructure and this development.

Figure 5 – Eastleigh Borough Local Plan (2016 – 2036)

Policy DM9, Public utilities and communications

- 1. The development of new and improvement of existing utilities infrastructure essential to meet the needs of new and existing communities will be encouraged and permitted subject to the other policies of this plan. In the event of conflict with other policies of this plan the Borough Council will require a full justification including an assessment of alternative means of provision.**
- 2. New development will only be permitted if the essential utilities infrastructure including communications infrastructure required to serve it is available. Where off-**

site utilities infrastructure is not adequate to serve a development site, developers will be required to contribute to the costs of new off-site provision in consultation with the utilities providers.

3. The development of new telecommunications infrastructure will be permitted where:
 - a. it will enhance broadband speeds and the quality of telecommunications services; and
 - b. all possible steps are taken to minimise the environmental impact of the development, and it can be demonstrated that alternative sites and means of provision including mast-sharing have been examined and there are no feasible alternatives to the proposal.
4. The Council will encourage developers to make provision for the installation and maintenance of telecommunications infrastructure within new developments.

- 5.53 It is essential that new development can be provided with utilities infrastructure such as water supply, waste water disposal, energy (electricity and gas), and telecommunications. In addition, development sites can be crossed by existing utilities infrastructure such as power lines, gas pipelines, sewers, water pipelines etc. In such cases, developers should agree with the utilities providers arrangements for connection to and/or diversion of such infrastructure and any additional provision required to serve the development prior to the submission of a planning application.
- 5.54 Communications refers to modern telecommunications technology such as high- speed broadband, 4G and other similar systems. Telecommunications play a vital role in supporting economic development. Good telecommunications provision can also enable flexible working practices which limit the need to travel. For these reasons the Borough Council is keen to encourage the installation of telecommunications equipment and facilities to serve new development sites, in accordance with national guidance in the NPPF.