ON POSUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	Bacton Tower	Site Address:	Bacton Tower, Haverstock Road, Lismore Circus, London, NW5 4PX
National Grid Reference:	E **528078** N **185331**		
Site Ref:		Site Type:[1]	Transmission

2. Pre Application Check List

Site Selection (for New Sites only)
(Would not generally apply to upgrades/alterations to existing sites)

Was a local planning authority mast register available to check for suitable sites by the operator or the local planning authority?	Yes	**No**
If no explain why: The application site is located on a rooftop. The proposal needs to be sited on this specific building in order to be able to provide line of sight between this building and other nearby locations.		

Were industry site databases checked for suitable sites by the operator:	**Yes**	No
If no explain why:		

Annual Area Wide Information to local planning authority

Date of information submission to local planning authority	Not applicable – This is not a mobile operator site
Name of Contact:	
Summary of any issues raised:	

Pre-application consultation with local planning authority

Date of written offer of pre-application consultation:		
Was there pre-application contact:	Yes	**No**
Date of pre-application contact:		
Name of contact:		
Summary of outcome/Main issues raised: The proposal is to use an existing building so a new greenfield solution is not being shared.		

Ten Commitments Consultation

Rating of Site under Traffic Light Model:	**Green**
Given that the proposal is to install four number dishes and one external pinth-mounted equipment cabinet, it has been rated as **Green** for consultation purposes and as a result no consultation has not been carried out.	

School/College

Location of site in relation to school/college *(include name of school/college):* There are no schools or colleges are within the vicinity of the site, which will be affected by the proposal, given it is in excess of 60m.
Outline of consultation carried out with school/college *(include evidence of consultation):* N/A
Summary of outcome/Main issues raised: N/A

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation (only required for an application for prior approval)

Will the structure be within 3km of an aerodrome or airfield?		**No**
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?		**No**
Details of response: N/A		

Developer's Notice

Copy of Developer's Notice enclosed?		**No**
Date served:	FULL PLANNING APPLICATION	

3. Proposed Development

The proposed site:
The application development is located on an existing structure, being Bacton Tower, Haverstock Road, Lismore Circus, London, NW5 4PX. The building, which is a residential tower block is not located within any specific designations or a listed building. The National Grid Reference for the site is **528078/185331** The area surrounding the property is in mainly residential use with a number of blocks of flats in the vicinity. The proposal is to install Four (4) no. additional microwave transmission dishes on poles fixed to the inside of the parapet walls, one (1) no. new 150mm wide cable tray and one (1) no. new equipment cabinet fixed to the inside of the parapet wall on a cantilever bracket. The main roof level is 65.70m with the proposed dishes being at 66.40m and 67.60m.

Enclose map showing the cell centre and adjoining cells:
N/A

Type of Structure *(e.g. tower, mast, etc):*
Description: The proposed equipment is as follows: **Dish 1 - 0.9m Transmission Dish – Bearing approximately 85 Degrees – This dish will be located on a new steel pole on rooftop at a height of 66.40m which will be barely visible if at all on the skyline due to the height and proximity of nearby buildings, and it will also not be seen from many, if any viewpoints at ground level. It should be noted that the dish is "firing" to provide a link to a lower level building nearby, so the exact position is important.** **Dish 2 - 0.9m Transmission Dish – Bearing approximately 85 Degrees – This dish will be located on a new steel pole on rooftop at a height of 66.40m which will be barely visible if at all on the skyline due to the height and proximity of nearby buildings, and it will also not be seen from many, if any viewpoints at ground level. It should be noted that the dish is "firing" to provide a link to a lower level building nearby, so the exact position is important.** **Dish 3 - 0.6m Transmission Dish – Bearing approximately 264 Degrees – This dish will be located on a new steel pole on rooftop at a height of 67.60m which will be barely visible if at all on the skyline due to the height and proximity of nearby buildings, and it will also not be seen from many, if any viewpoints at ground level. It should be noted that the dish is "firing" to provide a link to a lower level building nearby, so the exact position is important.** **Dish 4 - 0.6m Transmission Dish – Bearing approximately 264 Degrees – This dish will be located on a new steel pole on rooftop at a height of 67.60m which will be barely visible if at all on the skyline due to the height and proximity of nearby buildings, and it will also not be seen from many, if any viewpoints at ground level. It should be noted that the dish is "firing" to provide a link to a lower level building nearby, so the exact position is important.** **Equipment Cabinet – The equipment cabinet will be located on a cantilever bracket affixed to the wall adjacent and below two of the proposed dishes. this will be situated at the lower roof height of 61.9m and will not be visible on the skyline as it will be seen in the context of the existing rooftop equipment.**
Overall Height: 67.6m
Height of existing building *(where applicable):* 65.7m
Equipment Housing: As per attached drawings

Length:	As per attached drawings
Width:	As per attached drawings
Height:	As per attached drawings

Materials *(as applicable):*	
Tower/mast etc – type of material and external colour:	Steel poles will be used to attach the dishes. The dishes will be grey/white.
Equipment housing – type of material and external colour:	A cantilever bracket will be used to fix the cabinet. The cabinet will be grey.

Reasons for choice of design:
The dish sizes are determined by the length of the link and the strength of the signal received or transmitted and are the smallest possible in order to ensure that the data signal transmitted is to the quality required for the efficient operation of the network. Siting has been carefully considered, alternate options were investigated and were either found to be unsuitable because line of sight could not be achieved or unsuitable due to site provider's reluctance to host the equipment. Siting and design on this particular site was carefully considered to create the links, yet to minimise the impact of the installation on surrounding buildings and views.

4. Technical Information

International Commission on Non-Ionizing Radiation Protection Declaration attached (see below)* International Commission on Non-Ionizing Radiation Protection public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines. All operators of radio transmitters are under a legal obligation to operate those transmitters in accordance with the conditions of their licence. Operation of the transmitter in accordance with the conditions of the licence fulfils the legal obligations in respect of interference to other radio systems, other electrical equipment, instrumentation or air traffic systems. The conditions of the licence are mandated by Ofcom, an agency of national government, who are responsible for the regulation of the civilian radio spectrum. The remit of Ofcom also includes investigation and remedy of any reported significant interference. The telecommunications infrastructure the subject of this application accords with all relevant legislation and as such will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest.	**Yes**	No

Reason(s) why site required e.g. coverage, upgrade, capacity

The proposal is needed in order to provide network coverage and functionality for New Line Networks (NLN) wireless network. In order for the network to work, strong transmission dish links need to be created which are done through the "line of sight" microwave dish antennas. If the links are interrupted, weakened or obstructed, signal is lost and the network cannot function.

5. **Site Selection Process** – alternative sites considered and not chosen (not generally required for upgrades/alterations to existing sites including redevelopment of an existing site to facilitate an upgrade or sharing with another operator)

If no alternative site options have been investigated, please explain why: In this instance, there are no other options that would meet NLN''s Technical requirement as they need to link different buildings with the installation and also the proposal needs to be located within close proximity to the existing site. In this Instance, the site is host to an existing telecoms unit, which lies directly on the line of sight route and offers sufficient height to link to the other buidlings on the route.
Additional relevant information: A full review of planning policy considerations associated with this proposal is given in the accompanying Design and Access Statement. The council previously granted permission to NLN on the 10th June 2016 for the installation of 2x 600mm and 2x 900mm transmission dishes on the rooftop of Bacton Tower. These works were never carried out.

Contact Details

Name (agent)	**Helen Bolam** **Beacon Communications Services Ltd.**	**Telephone**	**07980739597**
Operators	**New Line Networks**	**Fax no**	**N/a**
Address	**10 Sovereign Park Cleveland Way Hemel Hempstead HP2 7DA**	**Email address**	**helen.bolam@beaconcomms.co.uk**
Signed	*Helen K Bolam*	**Date**	**23rd January 2022**
Position	**Planning Surveyor**	**Company**	**For and on behalf of New Line Networks**