



Our Ref: 74897o2

Clerk to the Parish Council
Mr Andrew Farrow
Nettleden with Potten End Parish Council

10th January 2020

Nettleden with Potten End Parish Council Councillors Consultation

Dear Andrew Farrow,

PROPOSED BASE STATION INSTALLATION AT 74897o2 – SF on Hempstead Lane, Potten End, Berkhamsted, Hertfordshire, HP4 2RZ.

Telefónica UK Limited has entered into an agreement with Vodafone Limited pursuant to which the two companies plan to jointly operate and manage a single network grid across the UK. These arrangements will be overseen by Cornerstone Telecommunications Infrastructure Ltd (CTIL) which is a joint venture company owned by Telefónica UK Limited and Vodafone Limited.

This agreement allows both organisations to:

- Pool their basic network infrastructure, while running two, independent, nationwide networks
- Maximise opportunities to consolidate the number of base stations
- significantly reduce the environmental impact of network development.

Vodafone and Telefónica are in the process of identifying a suitable site in the Potten End area for a radio base station. The purpose of this letter is to consult with you and seek your views on our proposal before any planning submission is made. We understand that you are not always able to provide site specific comments, however, Vodafone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of Vodafone's and Telefónica's continued network improvement program, there is a specific requirement for a radio base station at this location to provide 4G coverage within the area.

Mobiles can only work with a network of base stations in place where people want to use their mobile phones or other wireless devices. Without base stations, the mobile phones and other devices we rely on simply won't work.

Please find below the details of the proposed site and the alternative site options considered and discounted in our site selection process: -

Our technical network requirement is as follows:

- 74897o2 – Hempstead Lane SF, Potten End
- A new cell site at NGR 502584,208625 and to provide new 4G coverage to the area

A number of options have been assessed in respect of the site search process and we consider the best solution is as follows:

- **74897o2 – SF on Hempstead Lane, Potten End**

This is because the site avoids schools, hospitals, potentially sensitive sites and other designations. The proposed radio base station will not look out of place as it will be in close proximity to other street furniture.

We have considered alternative site options and discounted as follows:

Site ³	Site Name and address	NGR	Reason for not choosing ⁴	Option	Antenna detail	
GF - Greenfield	Name	Potten End FC - Shared Access Site SA011194	Eastings	P - Planning	D1	Antenna height
	Line 1	Plough Lane			17.5	
	Line 2	Potten End	502159		This site was progressed previously and received a planning refusal with the appeal considered to have a negative outcome. This has therefore not been progressed, however a re-submittal at either a lower height or an Apollo SW pole may be more favourable from the LPAs perspective.	Antenna type
	Town	Berkhamsted	Northings			Panel
	County	Hertfordshire	208363			
Postcode	HP4 2QX					
GF - Greenfield	Name	Berkhamsted Golf Club	Eastings	P - Planning	D2	Antenna height
	Line 1	The Common			27.5	
	Line 2	Potten End	500741		This location was reviewed but given the extensive vegetation it was decided that a mast would not be viable in this location to provide the coverage without the need for an extremely tall mast (25-30m). Further issues relate to access and available power/transmission.	Antenna type
	Town	Berkhamsted	Northings			Panel
	County	Hertfordshire	208892			
Postcode	HP4 2QB					
GF - Greenfield	Name	SF on Hempstead Lane	Eastings	SP - Site Provider	D3	Antenna height
	Line 1	Hempstead Lane			20	
	Line 2	Potten End	502584		It is believed that a Streetworks solution would be too visually intrusive on the this particular thoroughfare, especially considering the likely required height and therefore has been discounted from a planning perspective.	Antenna type
	Town	Berkhamsted	Northings			Shrouded
	County	Hertfordshire	208625			
Postcode	HP4 2RZ					
GF - Greenfield	Name	Land East of Little Heath Ln	Eastings	T - Technical Difficulties	D4	Antenna height
	Line 1	Little Heath Lane			25	
	Line 2	Potten End	502159		It is believed that this location is too far from the search area to provide adequate coverage. There are further issues relating to availability of power and transmission	Antenna type
	Town	Berkhamsted	Northings			Panel
	County	Hertfordshire	208363			
Postcode	HP4 2RY					
GF - Greenfield	Name	Land West of Nettleden Road	Eastings	T - Technical Difficulties	D5	Antenna height
	Line 1	Nettleden Road			25	
	Line 2	Potten End	501524		It is believed that this location is too far from the search area to provide adequate coverage. There are further issues relating to availability of power and transmission	Antenna type
	Town	Berkhamsted	Northings			Panel
	County	Hertfordshire	209559			
Postcode	HP4 2RD					

GF - Greenfield	Name	Land to the rear of Coach	Eastings	T - Technical Difficulties	D6	Antenna height
	Line 1	Water End Road	502388	This location was reviewed whilst on site but is currently being redeveloped for residential properties and there is believed not to be a suitable location to site a telecommunications mast which wouldn't affect the visual amenity of the aforementioned properties.		17.5
	Line 2	Potten End				
	Town	Berkhamsted	Northings			Antenna type
	County	Hertfordshire	209183			Panel
Postcode	HP4 2SG					
GF - Greenfield	Name	Frithsden Vineyard	Eastings	T - Technical Difficulties	D7	Antenna height
	Line 1	Roman Road	501777	This location is to far north to provide the required coverage		30
	Line 2	Frithsden				
	Town	Hemel Hempstead	Northings	Antenna type		
	County	Hertfordshire	209940	Panel		
Postcode	HP1 3DD					
GF - Greenfield	Name	Land West of Roman Rd	Eastings	T - Technical Difficulties	D8	Antenna height
	Line 1	Roman Road	501433	Although on high ground, the land is too far from the village to provide the southern side of Potten End with the required 4G coverage.		30
	Line 2	Frithsden				
	Town	Hemel Hempstead	Northings			Antenna type
	County	Hertfordshire	210255			Panel
Postcode	HP1 3DD					
RT - Roof Top	Name	Old Water Compound	Eastings	T - Technical Difficulties	D9	Antenna height
	Line 1	The Common	501408	This site was reviewed whilst on site but the vegetation around the area is significantly taller than the building in question. Therefore, it is believed that there is no viable solution for roof mounted equipment to clear the clutter and provide the coverage to Potten End.		15
	Town	Potten End	Northings			Antenna type
	County	Hertfordshire	208876			Panel
Postcode	HP4 2QG					
GF - Greenfield	Name	Bowls Club South of Hempstead Lane		P - Planning	D10	Antenna height
	Line 1	Bowls Club	Eastings	This location backs directly on to several residential properties which has minimal screening/vegetation bordering this area. It is believed that any mast would be too visually intrusive on the neighbouring properties irrespective of design solution.		15
	Line 2	Hempstead Lane	501760			
	Town	Potten End	Northings			Antenna type
	County	Hertfordshire	208667			Shrouded
Postcode	HP4 2QQ					
GF - Greenfield	Name	Martins Pond Public House Car Park	Eastings	P - Planning	D11	Antenna height
	Line 1	Martins Pond Public House		It is believed that given the land designations at this location, the listed status of the adjacent building, and the surrounding residential properties that any mast at this location would be refused planning.		15
	Line 2	Hempstead Lane	501667			
	Town	Potten End	Northings			Antenna type
	County	Hertfordshire	208794			Shrouded
Postcode	HP4 2QQ					
RT - Roof Top	Name	Potten End First School	Eastings	T - Technical Difficulties	D12	Antenna height
	Line 1	Potten End First School		It is believed that this building does not have the height to provide coverage to the area of Potten End and therefore must be discounted.		10
	Line 2	21 Church Road	501762			
	Town	Potten End, Berkhamsted	Northings			Antenna type
	County	Hertfordshire	208997			Panel
Postcode	HP4 2QW					
RT - Roof Top	Name	Holy Trinity Church	Eastings	RD - Redevelopment not possible	D13	Antenna height
	Line 1	Holy Trinity Church		This buildings design does not enable the safe installation of telecommunications apparatus due to the pitched roof, and load bearing capabilities. Therefore, this must be discounted.		12
	Line 2	The Common	501718			
	Town	Potten End	Northings			Antenna type
	County	Hertfordshire	208937			Panel
Postcode	HP4 2QF					
GF - Greenfield	Name	Folly's Farm		T - Technical Difficulties	D14	Antenna height
	Line 1	Nettleden Road	Eastings	This location is too far north to provide the required coverage and therefore must be discounted.		30
	Line 2	Potten End	502385			
	Town	Berkhamsted	Northings			Antenna type
	County	Hertfordshire	209863			Panel
Postcode	HP4 2RF					

The Local Planning Authority mast register and our records of other potential sites have already been reviewed, the policies in the Development Plan have been taken into account and the planning history of the site has been examined.

All Vodafone and Telefónica installations are designed to be fully compliant with the public exposure guidelines established by the International Commission on Non-ionizing Radiation Protection (ICNIRP). These guidelines have the support of UK Government, the European Union and they also have the formal backing of the World Health Organisation. A certificate of ICNIRP compliance will be included within the planning submission.

In order to give you time to send your comments or request further information, we commit to allow at least 14 days before an application is submitted to the Local Planning Authority. This 14 day period starts from the date at the top of this letter.

We would also be grateful if you could please advise of any local stakeholders or groups that might like to make comments.

We look forward to receiving any comments you may have on the proposal.

Yours Sincerely,

A handwritten signature in cursive script, appearing to read 'S. Joyce'.

Stephanie Joyce
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Surveyor
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01634 661553

(for and on behalf of CTIL and Vodafone Ltd and Telefónica UK Ltd)