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Our ref: CTIL_305253_00_TEF_94692

Chief Planning Officer
Manchester City Council
PO Box 532
Town Hall
Manchester
M60 2LA

Email: planning@manchester.gov.uk

Via Email

09th April 2021

Dear Sirs

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

Cornerstone Telecommunications Infrastructure Ltd (Cornerstone) is a joint venture company owned by Vodafone Limited and Telefónica UK Limited, commonly known as O2, who manage a single grid network across the UK for these companies. This agreement allows both organisations to pool their basic network infrastructure, while running two, independent, nationwide networks. It maximises opportunities to consolidate the number of base stations and where possible can significantly reduce the environmental impact of network development.

5G rollout has begun and both Vodafone and Telefónica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Moss Side. An existing streetworks style base station has been identified in the area, however it cannot accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new streetworks style base station is required for Telefónica service in close proximity to the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

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.

This proposed new site will enable 5G coverage to be provided to this area of Moss Side. The Government recognises that widespread coverage of mobile connectivity is essential for people and businesses. That is why the Government is committed to extending mobile geographical coverage further across the UK, with continuous mobile connectivity provided to all major roads and to being a world leader in 5G. This will allow everyone in the country to benefit from the economic advantages of widespread mobile coverage.

As well as improved mobile signal, 5G networks are also crucial to drive productivity and growth across the sectors that local areas are focusing on through their emerging Local Industrial Strategies. Enabling and planning for 5G implementation is central to achieving the Government's objective to deliver prosperity at the local level and enable all places to share in the proceeds of growth.

5G service provision will bring faster, more responsive and reliable connections than ever before. More than any previous generation of mobile networks, it has the potential to improve the way people live, work and travel, and to deliver significant benefits to the economy and industry through the ability to connect more devices to the Internet at the same time, the 'Internet of Things'. This will enable communities to manage traffic flow and control energy usage, monitor patient health remotely, and increase productivity for business and farmers, all through the real-time management of data.

The demand for mobile data in the UK is increasing rapidly, and as households and businesses become increasingly reliant on mobile connectivity, the infrastructure must be in place to ensure supply does not become a constraint on future demand.

This letter therefore invites the Local Planning Authority, in accordance with planning policy guidance and Best Practice Commitments, to enter into pre-application discussions with regard to our preferred site option prior to a formal planning submission. Several steps in the site identification process have already been undertaken. The Local Planning Authority must register and our records of other potential sites have been reviewed, the policies in the Development Plan have been taken into account and we have examined the inter-operator site sharing database.

Our technical network requirement is as follows:

CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET.

The site is needed to maintain and improve 2G, 3G, 4G coverage and capacity for Telefónica to ensure that its customers continue to experience access to the latest service provision currently available and have access to a new 5G network. This is because the operator needs to find a replacement for the site it is currently providing 2G, 3G and 4G services from Upper Lloyd Street, which cannot be upgraded for Telefonica's technology requirements for technical reasons highlighted above and more fully explained in the discount section below. The proposed new installation will also meet the extra demands on the network in this area as new technologies improve increasing the demand for 4G and new 5G technologies.

The preferred Telefónica option is as follows:

SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

The proposed works comprise the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development.

The operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

The proposed height at 20m is essential in order to provide equivalent replacement coverage to the target coverage area. 5G new radio technologies operate in higher frequency bands than older technologies. Since it operates at higher frequencies where attenuation of the radio signal is naturally higher and the effects of clutter are greater it will normally require a higher structure to achieve the same coverage footprint.

In order to minimise the width of the proposed column, the antennas are split in to a dual stack formation where 3 antennas will be located at the top of the column and the other 3 antennas will be located underneath. Thus, if the column were to be any lower, the antennas would not be able to operate effectively nor reach the target coverage area.

The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other equipment cabinets commonly found in urban environments. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

The RRUs are designed to make the antennas more efficient and reduce the need for equipment cabinets at ground level, therefore minimising ground level clutter in this area. They are located underneath the lowest set of antennas, out of the natural eye line of the casual passer-by and therefore will not appear prominent in the streetscene.

Alternative site options considered and rejected are as follows:

Site ³	Site Name and address		NGR	Reason for not choosing ⁴
ETS - existing Telecom site	Name	Existing VF Rooftop Site (VF NR_17933)		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	The existing Vodafone Rooftop installation is subject to a 'Notice to Quite' due to the poor state of repair of the building therefore the equipment needs to be removed from the building and the operators are required to find alternative sites.
	Line 2	Moss Side	384678	
	Town	Manchester	Northings	
	County	Greater Manchester	395357	
	Postcode	M14 4DU		
ETS - existing Telecom site	Name	Existing MBNL SW Site		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	This existing SW site cannot be shared by a second operator in its current style / location - a much larger mast would be required (a traditional 'Greenfield' structure) and this could not fit on the footway.
	Line 2	Moss Side	384728	
	Town	Manchester	Northings	
	County	Greater Manchester	395367	
	Postcode	M14 4BL		
GF - Greenfield	Name	Proposed Vodafone SW Site		P - Planning
	Line 1	Great Southern St. & Ossory St.	Eastings	Vodafone submitted an application for a new 17.5m SW site at this location (Plg Ref: 128637/TEL/2020) in November 2020. This was refused in early 2021 on the basis it would have a detrimental impact on pedestrian safety/movement.
	Line 2	Moss Side	384780	
	Town	Manchester	Northings	
	County	Greater Manchester	395383	
	Postcode	M14 4BX		
GF - Greenfield	Name	Proposed '3' SW Site		P - Planning
	Line 1	Southern side of Claremont Rd (Opp. Jct Ellanby Rd)	Eastings	This site lies just outside of the operators search area. '3' submitted an application for a site (Plg Ref: 127073/TEL/2020) however it was withdrawn as it did not have the support of the LPA.
	Line 2	Moss Side	384997	
	Town	Manchester	Northings	
	County	Greater Manchester	395117	
	Postcode	M14 5XG		

GF - Greenfield	Name	Proposed MBNL Mast		P - Planning MBNL submitted a planning application for a mast at this location (App. Ref: 127156/TEL/2020) however it was refused earlier in 2020. An Appeal has been submitted to the Planning Inspectorate.
	Line 1	Santiago Street (South Rutherford Avenue)	Eastings	
	Line 2	Moss Side	384719	
	Town	Manchester	Northings	
	County	Greater Manchester	395333	
	Postcode	M14 4BL		
GF - Greenfield	Name	SW outside Green Space		P - Planning It is the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Heald Place	Eastings	
	Line 2	Moss Side	384890	
	Town	Manchester	Northings	
	County	Greater Manchester	395231	
	Postcode	M14 4AX		
GF - Greenfield	Name	GF in small Yard		RD - Redevelopment not possible The yard is situated within streets of terraced housing and only measures approx 7m x 5m - therefore there is insufficient space for a ground based mast to be installed within the yard area. In addition, it is overlooked by numerous residential properties it's the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Maine Road	Eastings	
	Line 2	Moss Side	384509	
	Town	Manchester	Northings	
	County	Greater Manchester	395381	
	Postcode	M14 4AY		
RT - Roof Top	Name	Small Block of Flats		RD - Redevelopment not possible For the operator to install pole mounted Antennas (the number and size required for the network and 5G coverage) would require significant redevelopment of the building and internal access within several of the top floor flats to secure the antennas to the structure. This would not be acceptable to the tenants/home owners and therefore this proposal was discounted.
	Line 1	Claremont Road	Eastings	
	Line 2	Moss Side	384600	
	Town	Manchester	Northings	
	County	Greater Manchester	395159	
	Postcode	M14 5WP		
GF - Greenfield	Name	SW at Jct. Claremont Road &		T - Technical Difficulties This is located outside of the operators search area and moving closer to a nearby cell therefore this site (which is replacing the existing site on Santiago Street) will not provide the replacement coverage required to customers on the operators network.
	Line 1	Cranswick Street	Eastings	
	Line 2	Moss Side	384210	
	Town	Manchester	Northings	
	County	Greater Manchester	395201	
	Postcode	M14 7JA		

All 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.

We would be grateful if you could advise us of any pending telecommunications applications or recent planning decisions in this particular area so these can be evaluated.

Finally, we would be interested in any local stakeholders or groups that you consider would like to know more about our proposals. For your information pre-consultation letters and a set of plans have been sent to the local ward councillors for Moss Side Ward (Cllrs M Hussein Sharif Mahamed, S Ali and E Rowles), the local MP Lucy Powell, the head teacher and chair of governors for Claremont Primary School and the managers for Little Hamzas Nursery and WMB Born2Reign Day Nursery.

We enclose a copy of our Consultation Plan and welcome your suggestions.

We look forward to receiving your response within 14 days of the date of this letter.

Yours faithfully



A blue ink handwritten signature, appearing to read "Simon Batchelor", written over a horizontal line.

Simon Batchelor
Consultant Surveyor
Clarke Telecom Ltd
Email: simon.batchelor@clarke-telecom.com
Tel: 07841 684860

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(for and on behalf of Cornerstone and Telefónica UK Limited)

Vicky Parsons

From: Maegan Downie
Sent: 09 April 2021 15:44
To: planning@manchester.gov.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: Plans REV A.pdf; Consultation Plan V.1.pdf; LPA Preapp Letter.pdf

Dear Sirs

Please find attached a pre-application consultation letter and proposed plans in relation to the proposed upgrade to the existing telecommunications installation at the above site.

If you have any comments they would be gratefully received.

Kind regards

Our ref: CTIL_305253_00_TEF_94692

Cllr Emily Rowles
cllr.emily.rowles@manchester.gov.uk

VIA EMAIL

09th April 2021

Dear Cllr Rowles

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

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5G rollout has begun and both Vodafone and Telefónica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. 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, Cornerstone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Moss Side. An existing streetworks style base station has been identified in the area, however it can not accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new streetworks style base station is required for Telefónica service in close proximity of the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

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This proposed new site will enable 5G coverage to be provided to this area of Moss Side. The Government recognises that widespread coverage of mobile connectivity is essential for people and businesses. That is why the Government is committed to extending mobile geographical coverage further across the UK, with continuous mobile connectivity provided to all major roads and to being a world leader in 5G. This will allow everyone in the country to benefit from the economic advantages of widespread mobile coverage.

As well as improved mobile signal, 5G networks are also crucial to drive productivity and growth across the sectors that local areas are focusing on through their emerging Local Industrial Strategies. Enabling and planning for 5G implementation is central to achieving the Government's objective to deliver prosperity at the local level and enable all places to share in the proceeds of growth.

5G service provision will bring faster, more responsive and reliable connections than ever before. More than any previous generation of mobile networks, it has the potential to improve the way people live, work and travel, and to deliver significant benefits to the economy and industry through the ability to connect more devices to the Internet at the same time, the 'Internet of Things'. This will enable communities to manage traffic flow and control energy usage, monitor patient health remotely, and increase productivity for business and farmers, all through the real-time management of data.

The demand for mobile data in the UK is increasing rapidly, and as households and businesses become increasingly reliant on mobile connectivity, the infrastructure must be in place to ensure supply does not become a constraint on future demand.

Please find below the details of the proposed site.

Our technical network requirement is as follows:

CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET.

The site is needed to maintain and improve 2G, 3G, 4G coverage and capacity for Telefónica to ensure that its customers continue to experience access to the latest service provision currently available and have access to a new 5G network. This is because the operator needs to find a replacement for the site it is currently providing 2G, 3G and 4G services from on Upper Lloyd Street, which cannot be upgraded for Telefonica's technology requirements for technical reasons highlighted above and more fully explained in the discount section below. The new proposed installation will also meet the extra demands on the network in this area as new technologies improve increasing the demand for 4G and new 5G technologies.

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

SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

The proposed works comprise the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development.

The operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

The proposed height at 20m is essential in order to provide equivalent replacement coverage to the target coverage area. 5G new radio technologies operate in higher frequency bands than older technologies. Since it operates at higher frequencies where attenuation of the radio signal is naturally higher and the effects of clutter are greater it will normally require a higher structure to achieve the same coverage footprint.

In order to minimise the width of the proposed column, the antennas are split in to a dual stack formation where 3 antennas will be located at the top of the column and the other 3 antennas will be located underneath. Thus, if the column were to be any lower, the antennas would not be able to operate effectively nor reach the target coverage area.

The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other equipment cabinets commonly found in urban environments. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

The RRUs are designed to make the antennas more efficient and reduce the need for equipment cabinets at ground level, therefore minimising ground level clutter in this area. They are located underneath the lowest set of antennas, out of the natural eye line of the casual passer-by and therefore will not appear prominent in the streetscene.

We have considered alternative site options and discounted as follows:

Site ³	Site Name and address		NGR	Reason for not choosing ⁴
ETS - existing Telecom site	Name	Existing VF Rooftop Site (VF NR_17933)		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	The existing Vodafone Rooftop installation is subject to a 'Notice to Quite' due to the poor state of repair of the building therefore the equipment needs to be removed from the bulding and the operators are required to find alternative sites.
	Line 2	Moss Side	384678	
	Town	Manchester	Northings	
	County	Greater Manchester	395357	
	Postcode	M14 4DU		
ETS - existing Telecom site	Name	Existing MBNL SW Site		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	This existing SW site cannot be shared by a second operator in its current style / location - a much larger mast would be required (a traditional 'Greenfield' structure) and this could not fit on the footway.
	Line 2	Moss Side	384728	
	Town	Manchester	Northings	
	County	Greater Manchester	395367	
	Postcode	M14 4BL		
GF - Greenfield	Name	Proposed Vodafone SW Site		P - Planning
	Line 1	Great Southern St. & Ossory St.	Eastings	Vodafone submitted an application for a new 17.5m SW site at this location (Plg Ref: 128637/TEL/2020) in November 2020. This was refused in early 2021 on the basis it would have a detrimental impact on pedestrian safety/movement.
	Line 2	Moss Side	384780	
	Town	Manchester	Northings	
	County	Greater Manchester	395383	
	Postcode	M14 4BX		
GF - Greenfield	Name	Proposed '3' SW Site		P - Planning
	Line 1	Southern side of Claremont Rd (Opp. Jct Ellanby Rd)	Eastings	This site lies just outside of the opetrators search area. '3' submitted an application for a site (Plg Ref: 127073/TEL/2020) however it was withdrawn as it did not have the support of the LPA.
	Line 2	Moss Side	384997	
	Town	Manchester	Northings	
	County	Greater Manchester	395117	
	Postcode	M14 5XG		

GF - Greenfield	Name	Proposed MBNL Mast		P - Planning MBNL submitted a planning application for a mast at this location (App. Ref: 127156/TEL/2020) however it was refused earlier in 2020. An Appeal has been submitted to the Planning Inspectorate.
	Line 1	Santiago Street (South Rutherford Avenue)	Eastings	
	Line 2	Moss Side	384719	
	Town	Manchester	Northings	
	County	Greater Manchester	395333	
	Postcode	M14 4BL		
GF - Greenfield	Name	SW outside Green Space		P - Planning It is the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Heald Place	Eastings	
	Line 2	Moss Side	384890	
	Town	Manchester	Northings	
	County	Greater Manchester	395231	
	Postcode	M14 4AX		
GF - Greenfield	Name	GF in small Yard		RD - Redevelopment not possible The yard is situated within streets of terraced housing and only measures approx 7m x 5m - therefore there is insufficient space for a ground based mast to be installed within the yard area. In addition, it is overlooked by numerous residential properties it's the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Maine Road	Eastings	
	Line 2	Moss Side	384509	
	Town	Manchester	Northings	
	County	Greater Manchester	395381	
	Postcode	M14 4AY		
RT - Roof Top	Name	Small Block of Flats		RD - Redevelopment not possible For the operator to install pole mounted Antennas (the number and size required for the network and 5G coverage) would require significant redevelopment of the building and internal access within several of the top floor flats to secure the antennas to the structure. This would not be acceptable to the tenants/home owners and therefore this proposal was discounted.
	Line 1	Claremont Road	Eastings	
	Line 2	Moss Side	384600	
	Town	Manchester	Northings	
	County	Greater Manchester	395159	
	Postcode	M14 5WP		
GF - Greenfield	Name	SW at Jct. Claremont Road &		T - Technical Difficulties This is located outside of the operators search area and moving closer to a nearby cell therefore this site (which is replacing the existing site on Santiago Street) will not provide the replacement coverage required to customers on the operators network.
	Line 1	Cranswick Street	Eastings	
	Line 2	Moss Side	384210	
	Town	Manchester	Northings	
	County	Greater Manchester	395201	
	Postcode	M14 7JA		

The Local Planning Authority must 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 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. For your information pre-consultation letters and a set of plans have been sent to the local planning officers, the other local ward councillors for Moss Side Ward (Cllrs S Ali and M H-S Mahamed), the local MP Lucy Powell, the head teacher and chair of governors for Claremont Primary School and the managers for Little Hamzas Nursery and WMB Born2Reign Day Nursery.



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F: +44 (0) 161 785 4501

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

Yours sincerely

A handwritten signature in blue ink, appearing to read "Simon Batchelor".

Simon Batchelor
Consultant Surveyor
Clarke Telecom Ltd
Email: simon.batchelor@clarke-telecom.com
Tel: 07841 684860

(For and on behalf of Cornerstone and Telefónica UK Limited)

Vicky Parsons

From: Maegan Downie
Sent: 09 April 2021 15:33
To: cllr.emily.rowles@manchester.gov.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: Cllr Emily Rowles Preapp Letter.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf; CTIL Radio Planning and Propagation V4.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf

Dear Cllr Rowles

Please find attached a pre-application consultation letter and proposed plans in relation to the proposed upgrade to the existing telecommunications installation at the above site.

If you have any comments they would be gratefully received.

Kind regards

Our ref: CTIL_305253_00_TEF_94692

Cllr Mahadi Hussein Sharif Mahamed
cllr.mahadi.mahamed@manchester.gov.uk

VIA EMAIL

09th April 2021

Dear Cllr Mahamed

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

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Our technical network requirement is as follows:

CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET.

The site is needed to maintain and improve 2G, 3G, 4G coverage and capacity for Telefónica to ensure that its customers continue to experience access to the latest service provision currently available and have access to a new 5G network. This is because the operator needs to find a replacement for the site it is currently providing 2G, 3G and 4G services from on Upper Lloyd Street, which cannot be upgraded for Telefonica's technology requirements for technical reasons highlighted above and more fully explained in the discount section below. The new proposed installation will also meet the extra demands on the network in this area as new technologies improve increasing the demand for 4G and new 5G technologies.

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

SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

The proposed works comprise the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development.

The operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

The proposed height at 20m is essential in order to provide equivalent replacement coverage to the target coverage area. 5G new radio technologies operate in higher frequency bands than older technologies. Since it operates at higher frequencies where attenuation of the radio signal is naturally higher and the effects of clutter are greater it will normally require a higher structure to achieve the same coverage footprint.

In order to minimise the width of the proposed column, the antennas are split in to a dual stack formation where 3 antennas will be located at the top of the column and the other 3 antennas will be located underneath. Thus, if the column were to be any lower, the antennas would not be able to operate effectively nor reach the target coverage area.

The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other equipment cabinets commonly found in urban environments. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

The RRUs are designed to make the antennas more efficient and reduce the need for equipment cabinets at ground level, therefore minimising ground level clutter in this area. They are located underneath the lowest set of antennas, out of the natural eye line of the casual passer-by and therefore will not appear prominent in the streetscene.

We have considered alternative site options and discounted as follows:

Site ³	Site Name and address		NGR	Reason for not choosing ⁴
ETS - existing Telecom site	Name	Existing VF Rooftop Site (VF NR_17933)		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	The existing Vodafone Rooftop installation is subject to a 'Notice to Quite' due to the poor state of repair of the building therefore the equipment needs to be removed from the bulding and the operators are required to find alternative sites.
	Line 2	Moss Side	384678	
	Town	Manchester	Northings	
	County	Greater Manchester	395357	
	Postcode	M14 4DU		
ETS - existing Telecom site	Name	Existing MBNL SW Site		RD - Redevelopment not possible
	Line 1	Santiago Street	Eastings	This existing SW site cannot be shared by a second operator in its current style / location - a much larger mast would be required (a traditional 'Greenfield' structure) and this could not fit on the footway.
	Line 2	Moss Side	384728	
	Town	Manchester	Northings	
	County	Greater Manchester	395367	
	Postcode	M14 4BL		
GF - Greenfield	Name	Proposed Vodafone SW Site		P - Planning
	Line 1	Great Southern St. & Ossory St.	Eastings	Vodafone submitted an application for a new 17.5m SW site at this location (Plg Ref: 128637/TEL/2020) in November 2020. This was refused in early 2021 on the basis it would have a detrimental impact on pedestrian safety/movement.
	Line 2	Moss Side	384780	
	Town	Manchester	Northings	
	County	Greater Manchester	395383	
	Postcode	M14 4BX		
GF - Greenfield	Name	Proposed '3' SW Site		P - Planning
	Line 1	Southern side of Claremont Rd (Opp. Jct Ellanby Rd)	Eastings	This site lies just outside of the opetrators search area. '3' submitted an application for a site (Plg Ref: 127073/TEL/2020) however it was withdrawn as it did not have the support of the LPA.
	Line 2	Moss Side	384997	
	Town	Manchester	Northings	
	County	Greater Manchester	395117	
	Postcode	M14 5XG		

GF - Greenfield	Name	Proposed MBNL Mast		P - Planning MBNL submitted a planning application for a mast at this location (App. Ref: 127156/TEL/2020) however it was refused earlier in 2020. An Appeal has been submitted to the Planning Inspectorate.
	Line 1	Santiago Street (South Rutherford Avenue)	Eastings	
	Line 2	Moss Side	384719	
	Town	Manchester	Northings	
	County	Greater Manchester	395333	
	Postcode	M14 4BL		
GF - Greenfield	Name	SW outside Green Space		P - Planning It is the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Heald Place	Eastings	
	Line 2	Moss Side	384890	
	Town	Manchester	Northings	
	County	Greater Manchester	395231	
	Postcode	M14 4AX		
GF - Greenfield	Name	GF in small Yard		RD - Redevelopment not possible The yard is situated within streets of terraced housing and only measures approx 7m x 5m - therefore there is insufficient space for a ground based mast to be installed within the yard area. In addition, it is overlooked by numerous residential properties it's the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Maine Road	Eastings	
	Line 2	Moss Side	384509	
	Town	Manchester	Northings	
	County	Greater Manchester	395381	
	Postcode	M14 4AY		
RT - Roof Top	Name	Small Block of Flats		RD - Redevelopment not possible For the operator to install pole mounted Antennas (the number and size required for the network and 5G coverage) would require significant redevelopment of the building and internal access within several of the top floor flats to secure the antennas to the structure. This would not be acceptable to the tenants/home owners and therefore this proposal was discounted.
	Line 1	Claremont Road	Eastings	
	Line 2	Moss Side	384600	
	Town	Manchester	Northings	
	County	Greater Manchester	395159	
	Postcode	M14 5WP		
GF - Greenfield	Name	SW at Jct. Claremont Road &		T - Technical Difficulties This is located outside of the operators search area and moving closer to a nearby cell therefore this site (which is replacing the existing site on Santiago Street) will not provide the replacement coverage required to customers on the operators network.
	Line 1	Cranswick Street	Eastings	
	Line 2	Moss Side	384210	
	Town	Manchester	Northings	
	County	Greater Manchester	395201	
	Postcode	M14 7JA		

The Local Planning Authority must 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 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. For your information pre-consultation letters and a set of plans have been sent to the local planning officers, the other local ward councillors for Moss Side Ward (Cllrs S Ali and E Rowles), the local MP Lucy Powell, the head teacher and chair of governors for Claremont Primary School and the managers for Little Hamzas Nursery and WMB Born2Reign Day Nursery.



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

Yours sincerely

A handwritten signature in blue ink, appearing to read "Simon Batchelor".

Simon Batchelor
Consultant Surveyor
Clarke Telecom Ltd
Email: simon.batchelor@clarke-telecom.com
Tel: 07841 684860

(For and on behalf of Cornerstone and Telefónica UK Limited)

Vicky Parsons

From: Maegan Downie
Sent: 09 April 2021 15:33
To: cllr.mahadi.mahamed@manchester.gov.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: Cllr Mahadi Hussein Sharif Mahamed Preapp Letter.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf; CTIL Radio Planning and Propagation V4.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf

Dear Cllr Mahamed

Please find attached a pre-application consultation letter and proposed plans in relation to the proposed upgrade to the existing telecommunications installation at the above site.

If you have any comments they would be gratefully received.

Kind regards

Our ref: CTIL_305253_00_TEF_94692

Cllr Sameem Ali
cllr.sameem.ali@manchester.gov.uk

VIA EMAIL

09th April 2021

Dear Cllr Ali

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

Cornerstone Telecommunications Infrastructure Ltd (Cornerstone) is a joint venture company owned by Vodafone Limited and Telefónica UK Limited, commonly known as O2, who manage a single grid network across the UK for these companies. This agreement allows both organisations to pool their basic network infrastructure, while running two, independent, nationwide networks. It maximises opportunities to consolidate the number of base stations and where possible can significantly reduce the environmental impact of network development.

5G rollout has begun and both Vodafone and Telefónica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. 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, Cornerstone and Telefónica are committed to consultation with communities on our mobile telecommunications proposals and as such would encourage you to respond.

As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Moss Side. An existing streetworks style base station has been identified in the area, however it can not accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new streetworks style base station is required for Telefónica service in close proximity of the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

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.

This proposed new site will enable 5G coverage to be provided to this area of Moss Side. The Government recognises that widespread coverage of mobile connectivity is essential for people and businesses. That is why the Government is committed to extending mobile geographical coverage further across the UK, with continuous mobile connectivity provided to all major roads and to being a world leader in 5G. This will allow everyone in the country to benefit from the economic advantages of widespread mobile coverage.

As well as improved mobile signal, 5G networks are also crucial to drive productivity and growth across the sectors that local areas are focusing on through their emerging Local Industrial Strategies. Enabling and planning for 5G implementation is central to achieving the Government's objective to deliver prosperity at the local level and enable all places to share in the proceeds of growth.

5G service provision will bring faster, more responsive and reliable connections than ever before. More than any previous generation of mobile networks, it has the potential to improve the way people live, work and travel, and to deliver significant benefits to the economy and industry through the ability to connect more devices to the Internet at the same time, the 'Internet of Things'. This will enable communities to manage traffic flow and control energy usage, monitor patient health remotely, and increase productivity for business and farmers, all through the real-time management of data.

The demand for mobile data in the UK is increasing rapidly, and as households and businesses become increasingly reliant on mobile connectivity, the infrastructure must be in place to ensure supply does not become a constraint on future demand.

Please find below the details of the proposed site.

Our technical network requirement is as follows:

CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET.

The site is needed to maintain and improve 2G, 3G, 4G coverage and capacity for Telefónica to ensure that its customers continue to experience access to the latest service provision currently available and have access to a new 5G network. This is because the operator needs to find a replacement for the site it is currently providing 2G, 3G and 4G services from on Upper Lloyd Street, which cannot be upgraded for Telefonica's technology requirements for technical reasons highlighted above and more fully explained in the discount section below. The new proposed installation will also meet the extra demands on the network in this area as new technologies improve increasing the demand for 4G and new 5G technologies.

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

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The proposed works comprise the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development.

The operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

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In order to minimise the width of the proposed column, the antennas are split in to a dual stack formation where 3 antennas will be located at the top of the column and the other 3 antennas will be located underneath. Thus, if the column were to be any lower, the antennas would not be able to operate effectively nor reach the target coverage area.

The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

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	Town	Manchester	Northings	
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	Line 1	Santiago Street (South Rutherford Avenue)	Eastings	
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	Town	Manchester	Northings	
	County	Greater Manchester	395333	
	Postcode	M14 4BL		
GF - Greenfield	Name	SW outside Green Space		P - Planning It is the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Heald Place	Eastings	
	Line 2	Moss Side	384890	
	Town	Manchester	Northings	
	County	Greater Manchester	395231	
	Postcode	M14 4AX		
GF - Greenfield	Name	GF in small Yard		RD - Redevelopment not possible The yard is situated within streets of terraced housing and only measures approx 7m x 5m - therefore there is insufficient space for a ground based mast to be installed within the yard area. In addition, it is overlooked by numerous residential properties it's the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
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	Town	Manchester	Northings	
	County	Greater Manchester	395159	
	Postcode	M14 5WP		
GF - Greenfield	Name	SW at Jct. Claremont Road &		T - Technical Difficulties This is located outside of the operators search area and moving closer to a nearby cell therefore this site (which is replacing the existing site on Santiago Street) will not provide the replacement coverage required to customers on the operators network.
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	Town	Manchester	Northings	
	County	Greater Manchester	395201	
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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. For your information pre-consultation letters and a set of plans have been sent to the local planning officers, the other local ward councillors for Moss Side Ward (Cllrs M Hussein Sharif Mahamed and E Rowles), the local MP Lucy Powell, the head teacher and chair of governors for



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Claremont Primary School and the managers for Little Hamzas Nursery and WMB Born2Reign Day Nursery.

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

Yours sincerely

A handwritten signature in blue ink, appearing to read "Simon Batchelor".

Simon Batchelor
Consultant Surveyor
Clarke Telecom Ltd
Email: simon.batchelor@clarke-telecom.com
Tel: 07841 684860

(For and on behalf of Cornerstone and Telefónica UK Limited)

Vicky Parsons

From: Maegan Downie
Sent: 09 April 2021 15:32
To: cllr.sameem.ali@manchester.gov.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: CTIL Radio Planning and Propagation V4.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf; Cllr Sameem Ali Preapp Letter.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf

Dear Cllr Ali

Please find attached a pre-application consultation letter and proposed plans in relation to the proposed upgrade to the existing telecommunications installation at the above site.

If you have any comments they would be gratefully received.

Kind regards



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Our ref: CTIL_305253_00_TEF_94692

Ms Lucy Powell MP
House of Commons
London
SW1A 0AA
contact@lucypowell.org.uk

VIA EMAIL

09th April 2021

Dear Ms Powell

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.

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5G rollout has begun and both Vodafone and Telefónica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Moss Side. An existing streetworks style base station has been identified in the area, however it cannot accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new streetworks style base station is required for Telefónica service in close proximity to the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

As a result we are consulting with communities in line with Best Practice principles where planning applications for new telecommunications installations are required.

This letter is sent to you in the pre-planning application consultation phase of the development for a new mobile phone base station site for Telefonica. It is simply intended to keep you informed and advised of the proposed development in your area prior to any planning application being submitted. However, if you do wish to submit comments or have been contacted by your constituents in relation to this matter and wish to send us comments on their behalf, please feel free to do so via the following address:

Community Consultation & EMF Enquiries, Hive 2, 1530 Arlington Business Park, Theale, Berkshire, RG7 4SA

Email: community@ctil.co.uk

What follows is a summary of the proposal and some further information that might be of use.

Summary of the proposal

A number of options have been assessed in respect of the site search process but we consider the best option for the new service provision to comprise the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development at **SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218**. This is because the operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

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In order to minimise the width of the proposed column, the antennas are split in to a dual stack formation where 3 antennas will be located at the top of the column and the other 3 antennas will be located underneath. Thus, if the column were to be any lower, the antennas would not be able to operate effectively nor reach the target coverage area.

The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other equipment cabinets commonly found in urban environments. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

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The other site options that were considered and then discounted are as follows:

Site ³	Site Name and address		NGR	Reason for not choosing ⁴
ETS - existing Telecom site	Name	Existing VF Rooftop Site (VF NR_17933)		RD - Redevelopment not possible
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	Town	Manchester	Northings	
	County	Greater Manchester	395357	
	Postcode	M14 4DU		
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	Line 1	Santiago Street	Eastings	This existing SW site cannot be shared by a second operator in its current style / location - a much larger mast would be required (a traditional 'Greenfield' structure) and this could not fit on the footway.
	Line 2	Moss Side	384728	
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	County	Greater Manchester	395367	
	Postcode	M14 4BL		
GF - Greenfield	Name	Proposed Vodafone SW Site		P - Planning
	Line 1	Great Southern St. & Ossory St.	Eastings	Vodafone submitted an application for a new 17.5m SW site at this location (Plg Ref: 128637/TEL/2020) in November 2020. This was refused in early 2021 on the basis it would have a detrimental impact on pedestrian safety/movement.
	Line 2	Moss Side	384780	
	Town	Manchester	Northings	
	County	Greater Manchester	395383	
	Postcode	M14 4BX		
GF - Greenfield	Name	Proposed '3' SW Site		P - Planning
	Line 1	Southern side of Claremont Rd (Opp. Jct Ellanby Rd)	Eastings	This site lies just outside of the operators search area. '3' submitted an application for a site (Plg Ref: 127073/TEL/2020) however it was withdrawn as it did not have the support of the LPA.
	Line 2	Moss Side	384997	
	Town	Manchester	Northings	
	County	Greater Manchester	395117	
	Postcode	M14 5XG		

GF - Greenfield	Name	Proposed MBNL Mast		P - Planning MBNL submitted a planning application for a mast at this location (App. Ref: 127156/TEL/2020) however it was refused earlier in 2020. An Appeal has been submitted to the Planning Inspectorate.
	Line 1	Santiago Street (South Rutherford Avenue)	Eastings	
	Line 2	Moss Side	384719	
	Town	Manchester	Northings	
	County	Greater Manchester	395333	
	Postcode	M14 4BL		
GF - Greenfield	Name	SW outside Green Space		P - Planning It is the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Heald Place	Eastings	
	Line 2	Moss Side	384890	
	Town	Manchester	Northings	
	County	Greater Manchester	395231	
	Postcode	M14 4AX		
GF - Greenfield	Name	GF in small Yard		RD - Redevelopment not possible The yard is situated within streets of terraced housing and only measures approx 7m x 5m - therefore there is insufficient space for a ground based mast to be installed within the yard area. In addition, it is overlooked by numerous residential properties it's the applicant's opinion that a site at this location would have a greater visual impact on the residential area that the subject site would have.
	Line 1	Maine Road	Eastings	
	Line 2	Moss Side	384509	
	Town	Manchester	Northings	
	County	Greater Manchester	395381	
	Postcode	M14 4AY		
RT - Roof Top	Name	Small Block of Flats		RD - Redevelopment not possible For the operator to install pole mounted Antennas (the number and size required for the network and 5G coverage) would require significant redevelopment of the building and internal access within several of the top floor flats to secure the antennas to the structure. This would not be acceptable to the tenants/home owners and therefore this proposal was discounted.
	Line 1	Claremont Road	Eastings	
	Line 2	Moss Side	384600	
	Town	Manchester	Northings	
	County	Greater Manchester	395159	
	Postcode	M14 5WP		
GF - Greenfield	Name	SW at Jct. Claremont Road &		T - Technical Difficulties This is located outside of the operators search area and moving closer to a nearby cell therefore this site (which is replacing the existing site on Santiago Street) will not provide the replacement coverage required to customers on the operators network.
	Line 1	Cranswick Street	Eastings	
	Line 2	Moss Side	384210	
	Town	Manchester	Northings	
	County	Greater Manchester	395201	
	Postcode	M14 7JA		

In line with Best Practice principles we have shared these details with the local planning officers, the local ward councillors for Moss Side Ward (Cllrs M Hussein Sharif Mahamed, S Ali and E Rowles), the head teacher and chair of governors for Claremont Primary School and the managers for Little Hamzas Nursery and WMB Born2Reign Day Nursery.

ICNIRP Compliance

All 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.

Radio technology and health

Useful information sources on this include:

Code of Best Practice on Mobile Network Development

<http://www.mobileuk.org/cms-assets/documents/259876-147086.code-of-best-practice-2016-edition-pub>

National Planning Policy Framework www.communities.gov.uk

World Health Organisation – Electromagnetic Fields www.who.int/peh-emf/en



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F: +44 (0) 161 785 4501

International Commission on Non Ionising Radiation Protection www.icnirp.de

I trust all is clear from the enclosed but if you have further questions on this or any other matter concerning Telefónica please do not hesitate to contact us through Community Consultation & EMF Enquiries within 14 days from the date of this letter.

Yours sincerely

A handwritten signature in blue ink, appearing to read "Simon Batchelor".

Simon Batchelor
Consultant Surveyor
Clarke Telecom Ltd
Email: simon.batchelor@clarke-telecom.com
Tel: 07841 684860

(For and on behalf of Cornerstone and Telefónica UK Limited)

Vicky Parsons

From: Maegan Downie
Sent: 09 April 2021 15:34
To: contact@lucypowell.org.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: MP Lucy Powell Preapp Letter.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf; CTIL Radio Planning and Propagation V4.pdf

Dear MP Powell

Please find attached a pre-application consultation letter and proposed plans in relation to the proposed upgrade to the existing telecommunications installation at the above site.

If you have any comments they would be gratefully received.

Kind regards

Our ref: CTIL_305253_00_TEF_94692

Head Teacher
Claremont Primary School
Claremont Road
Moss Side
MANCHESTER
Lancashire
M14 7NA
admin@claremont.manchester.sch.uk

09th April 2021

Dear Sir/Madam

PROPOSED RADIO BASE STATION INSTALLATION AT CTIL_305253_00_TEF_94692, SW ON UPPER LLOYD STREET, SW ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218

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5G rollout has begun and both Vodafone and Telefónica are in the process of upgrading their existing radio base stations in their single grid network wherever possible. As part of this continued network improvement program, there is a specific technical requirement to provide new 5G coverage in this area of Moss Side. An existing streetworks style base station has been identified in the area, however it cannot accommodate for both operators latest requirements. In order to fit in to the operator's single grid network, an additional new streetworks style base station is required for Telefónica service in close proximity to the existing streetworks style base station that will be retained and in due course upgraded with improved Vodafone service.

The proposal, which we feel is the best solution to serve our customers in the local community, will include: the 20m slim-line column supporting 6 no. antennas, 1no. 300mm Transmission Dish; GPS Module and 3no. Remote Radio Units (RRUs), with 2no. equipment cabinets at the base and ancillary development **ON UPPER LLOYD STREET, JCT. CLAREMONT ROAD, MOSS SIDE, MANCHESTER, GREATER MANCHESTER, M14 4NW, N.G.R E: 384359 N: 395218.**

This is because the operator is limited in siting options as there is a requirement to provide equivalent replacement coverage and capacity for this area of Moss Side. The replacement of an existing site means that the operator has to be located as close as possible to the existing installation in order to maintain the provision of equivalent coverage and capacity to the surrounding local area. This is the nearest suitable location that the operator is able to position their replacement apparatus.

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The column is a simple, functional, vertical structure necessary to provide replacement and new service provision to Moss Side and the surrounding area. There are other vertical structures in the streetscene which will help it assimilate in to the local environ. The column is proposed to be finished in a grey colour but can be coloured any other colour that the LPA consider appropriate.

The cabinets are designed to appear like other statutory undertakers equipment cabinets. They are small for telecommunications apparatus and are proposed to be coloured green to assimilate with other equipment cabinets commonly found in urban environments. The cabinets can be installed under the operators permitted development rights, but have been included on the plans and in the description in order to remain fully transparent.

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We would welcome your views (within 14 days of the date of this letter) before we finalise the proposal and submit the planning notification to the Local Planning Authority.

Yours faithfully

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Email: simon.batchelor@clarke-telecom.com
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(For and on behalf of Cornerstone and Telefónica Ltd)

Our ref: CTIL_305253_00_TEF_94692

Chair of governors
Claremont Primary School
Claremont Road
Moss Side
MANCHESTER
Lancashire
M14 7NA
admin@claremont.manchester.sch.uk

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(For and on behalf of Cornerstone and Telefónica Ltd)

Vicky Parsons

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Sent: 09 April 2021 15:35
To: admin@claremont.manchester.sch.uk
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: COG Claremont Primary School Preapp Letter.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf; CTIL Radio Planning and Propagation V4.pdf; HT Claremont Primary School Preapp Letter.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf

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Manager
Little Hamzas Nursery
197 Claremont Rd
Manchester
M14 4JF
info@littlehamzasnursery.com

09th April 2021

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(For and on behalf of Cornerstone and Telefónica Ltd)

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Sent: 09 April 2021 15:37
To: info@littlehamzasnursery.com
Subject: CTIL_305253_00_TEF_94692, SW on Upper Lloyd Street
Attachments: Manager Little Hamzas Nursery Preapp Letter.pdf; Plans REV A.pdf; 5G Services v6.pdf; allaying-health-concerns-regarding-5g-and-exposure-to-radio-waves-2nd-edition.pdf; Cornerstone General Background Information (Eng) V.2 GPDO.pdf; Cornerstone Health and Mobile Phone Base Stations Document V 2 (003).pdf; CTIL Radio Planning and Propagation V4.pdf

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Manager
WMB Born2Reign Day Nursery
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09th April 2021

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