SITE SPECIFIC SUPPLEMENTARY INFORMATION

1. Site Details

Site Name:	Linley House	Site Address:	Linley House, Dickinson Street, Manchester, M1 6HR
NGR:	E384122 N397738		
Site Ref:	126084_VF	Site Type:[1]	Macro

2. Pre Application Check List

Site Selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	Yes	**No**
If no explain why: The LPA does not have an up-to-date mast register and rely on their own on-line planning records which detail all applications. Nevertheless this information has been reviewed where found.		
Was the industry site database checked for suitable sites by the operator?	**Yes**	No
If no explain why: n/a		

PLANNING AND BUILDING CONTROL
17 APR 2013

Annual roll out consultation with LPA

Date of last annual rollout information/submission:	12.10.2012
Name of Contact:	j.roscoe@manchester.gov.uk
Summary of outcome/Main issues raised:	General rollout within the authority

Pre-application consultation with LPA

Date of written offer of pre-application consultation:	21.01.13	
Was there pre-application contact:	Yes	No
Date of pre-application contact:	21.03.2013	
Name of contact:	Julie Roscoe	

Summary of outcome/Main issues raised:
A pre-application consultation email was sent to the LPA on 21.01.13 introducing a number of existing sites, which are earmarked to be upgraded as part of the new CTIL initiative. This email included the option subject to this application, in which it was said that minimal changes were proposed. To date no comments have been received.

A meeting was held with the Local Planning Authority at Manchester City Council on Thursday 21st March 2012 with Richard Birchfield, Community and Planning Specialist for CTIL and the Head of Planning, namely Julie Roscoe. It was highlighted that there would and has been a high volume of upgrade applications submitted to the authority, in which the LPA were generally receptive to proposals and saw no significant issues with upgrade program. General matters of discussion by CTIL related to the changing dynamics of the telecommunications infrastructure industry and the strategic network grid restructuring of existing base station sites in the authority by Vodafone as the regional operator. The LPA highlighted their broad planning procedures for dealing with applications i.e. the alignment and allocation to area planning officers and upcoming committee dates.

Nonetheless, the proposal relates to the upgrade of an existing base station which has previously been approved by the LPA. In this regard it is clear that the principle of telecommunication development has been accepted on-site in which when balanced against the minimal changes proposed, it was considered appropriate to progress this application and seek the LPA's formal determination.

Ten Commitments Consultation

Rating of Site under Traffic Light Model:	**Green**	Amber	Red

Outline Consultation carried out:

A pre-application consultation email was sent to the ward councillors on 21.01.13 introducing a number of existing sites, which are earmarked to be upgraded as part of the new CTIL initiative. This email included the option subject to this application, in which it was said that minimal changes were proposed.

[1] Macro or Micro

Summary of outcome/Main issues raised: To date no comments have been received.

School/College

Location of site in relation to school/college: - In accordance with the Code of Best Practice on Mobile Phone Network Development no schools or colleges were considered to have a direct or functional relationship with the site.
Outline of consultation carried out with school/college: - 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?	Yes	**No**
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified?	Yes	**No**
Details of response: n/a		

Developer's Notice

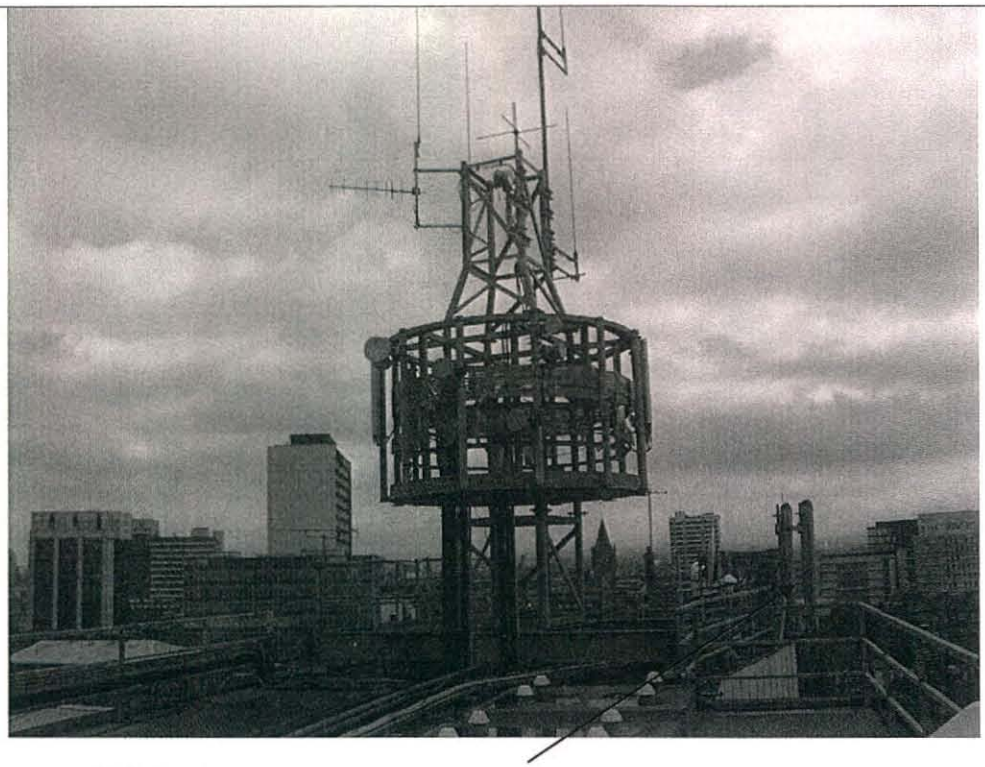
Copy of Developer's Notice enclosed?		Yes	No
Date served:			15.04.2013

3. Proposed Development

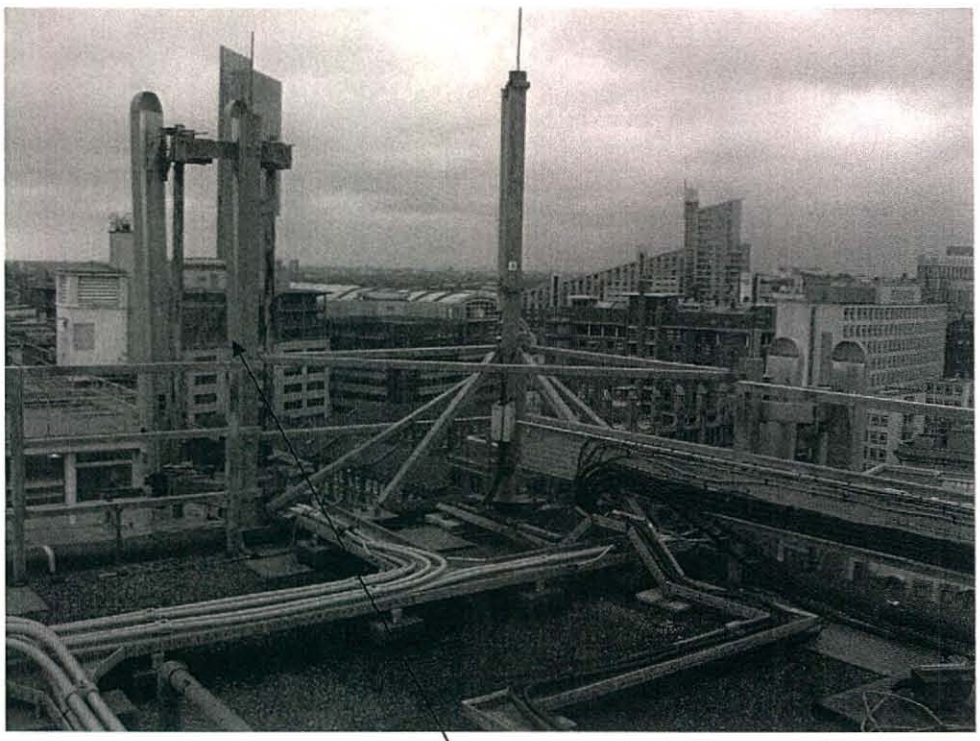
The proposed site:
This application relates to an existing telecommunications installation which is found on-site. For reference please see below photographs of the base station in-situ: -



Existing 2no. antennas to be replaced by 2no. multi-band antennas



Existing 2no. antennas to be replaced by 2no. multi-band antennas.



Existing 2no. antennas to be replaced by 2no. multi-band antennas.

Type of Structure	
Description: Removal of 6no. existing antennas to be replaced by 6no. new dual user multi-band antennas on new support bracketry. There will also be 6no. RRU's and 1no. internal radio equipment cabinet and ancillary development thereto	
Height of existing building: -	35 metres
Equipment Housing:	Huawei BTS 3900L (within existing equipment room)
Length:	600 mm
Width:	450 mm

Height:	1800 mm
Tower/mast etc – type of material and external colour:	antennas and RRU's – manufactured grey finish (RAL 7035)
Equipment housing – type of material and external colour:	Galvanised steel – painted grey (RAL 7035)

Reasons for choice of design:

Vodafone and Telefónica have a common interest in providing coverage from the same site through the use of a single base station. In this instance Vodafone Limited are acting as the lead operator, in which infrastructure provision and coverage will be made for Telefónica UK Limited, commonly known as O2. The choice of design in this latest case has been influenced by the existing base station's siting and appearance, whereby the extent of development has been kept to minimum.

As part of a sequential approach to site selection an existing rooftop base station on a tall building made available as part of the CTIL initiative was identified. The aim of this phase of the Cornerstone project is to align the Vodafone and Telefónica networks where best possible. The long term objective of this will be to reduce the total number of base stations nationally as sites will be consolidated for single base stations that work for both operators. The proposed antennas and their arrangement on the roof offers a technically preferred solution, in which where possible the antennas can be titled and orientated so as to provide cell specific coverage to the demands of the target area.

The additional antennas required will improve the coverage footprint from the site as well as helping to address existing and future demands for mobile coverage. In this regard although the proposed antennas will be seen from wider vantage points, it is considered that the level of visual impact has been kept within reasonable bounds when taking into account the extent and visibility of the existing rooftop antennas. Further to this the proposed antennas will maintain their manufactured grey finish, replicating the appearance of the existing antennas. As such it is considered that this will greatly reduce the visibility of the apparatus when viewed against the skyline.

The additional equipment cabinet will be sited internally within the existing equipment room and as such will be obscure from view, thus clearly limiting the visual impact of the proposed development as it prevents the possibility of visual clutter on the roofline.

In light of the above it is considered that every effort has been made to limit the visual impact of the upgrade scheme. It is considered that given the height of the building reasonable steps have been taken to achieve this by limiting the extent of development on the roofline and grouping together the antennas. Accordingly, it is considered that the proposals when taking into account the design of the existing rooftop base station would have a neutral visual impact on the Listed Building, thus preserving its character and appearance.

4. Technical Information

ICNIRP Declaration attached ICNIRP 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. When determining compliance the emissions from all mobile phone network operators on the site are taken into account.	**Yes**	No

Frequency:	900 & 2100 MHz
Modulation characteristics[2]	GSM & UMTS
Power output (expressed in EIRP in dBW per carrier) In order to minimise interference within its own network and with other radio networks, Vodafone operates its network in such a way the radio frequency power outputs are kept to the lowest levels commensurate with effective service provision. As part of Vodafone's network, the radio base station that is the subject of this application will be configured to operate in this way. 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,	Maximum 32 dBW

[2] The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase modulation
The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation

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.	
Height of antenna to top (metres above ground level)	36 and 37.5 metres

5. Technical Justification

Reason(s) why site required e.g. coverage, upgrade, capacity
A retained base station site is required in this location in order to maintain existing network coverage and capacity, as well as catering for future networks demands for both Vodafone and Telefónica, commonly known as O2 to this area of Manchester City Centre. Vodafone and Telefónica are both Electronic Communications Code Systems Operators licensed under the terms the Communications Act 2003 to provide mobile personal communications networks in the UK. In order to improve the level of service it provides for their customers in line with its licence requirements, both companies are constantly developing their networks, as well as refining and modernising their equipment. Given the dynamic nature of technological advances in telecommunications products, coupled with the demands on operators from subscribers to provide new and better quality services, this dictates a continual reinvestment programme in the infrastructure behind the use of mobile devices. Operators are currently involved in developing sites to provide coverage to areas which have not benefited from access to the full services they offer and to areas of their existing network where increased capacity or improved service quality is required. Many more people now use mobile devices for personal and business purposes and to a large proportion of the UK population; the use of a mobile phone is now considered an essential part of people's everyday lives both at work and in their leisure time. These customers legitimately demand and expect to have adequate signal coverage and capacity for their mobile devices throughout the country. Mobile phones are now intrinsic to our personal and professional lives and with that people expect they will be able to use their devices when and wherever they need them. However it remains the case in some areas and at particular times of the day, capacity on mobile networks may not keep up with demand, creating network congestion, poor download speeds and service disconnections. Combating these technical deficiencies are at the forefront of the origins of a new search cell instruction and the need to upgrade exiting base station sites in an operator's network. The ownership and use of mobile devices has changed dramatically since its mass market conception in which the introduction of pre-pay mobile tariffs in the late 1990s led to rapid growth in mobile phone take-up. This resulted in fierce competition between operator providers which lead to falling prices, meaning mobile phones and usage are a lot more affordable to the general consumer market. As the cost of a handsets and bundle packages has fallen this has coincided with the decline in the use of fixed line calls, whereby according to the independent regulator and competition authority, Ofcom, in 2006 household mobile take-up passed that of fixed lines for the first time. Indeed the Mobile Operators Association have said that *"the volume of calls from mobile phones exceeded the volume of calls from fixed phones in 2011, comprising 52% of total voice calls"* Mobiles are now ubiquitous to most peoples lives in which according to the MOA there are now 81.6 million subscriptions in the UK. With regards the basic functionality of mobile phones the MOA suggest that mobile consumers in the UK sent over 150 billion texts in 2011 with the average person believed to send 50 texts a week. Although the main functionality of mobile phones to support voice calls and messaging remains at its core, in recent years the emergence of smart phones and high-spec wireless devices has put added pressures on operators networks as customers demand reliable data streaming and coverage capacity. In this regard the increased ownership of smart phones is driving significant increases in the number of people accessing the internet on mobile phone networks, creating the emergence and growth of the 'pocket internet'. Indeed the MOA highlight that the average time spent using mobile data services was 2.1 hours a month in 2011, while the volume of data consumed more than doubled in the 18 months to January 2012. According as data volumes over mobile networks has increased this demand has put significant strain on operators existing networks infrastructure and thus the need for more base stations. Ofcom have reported that over a quarter of the population in the UK said they have a smart phone, more than double the number two years ago, in which 23% of adults are reported to access internet content and or send emails from their mobile phones. In this respect many consumers have commented that typical mobile speeds and usage caps are insufficient for the use of data-hungry mobile devices seeking to download music, video content and applications. Indeed internet-based communications services such as social networking sites and instant messaging has put added pressure on mobile phone networks as the growth in the average time spent online can be attributed to the use of the internet becoming more mainstream

and accessible via mobile devices.

Indeed the MOA reports that *"Mobile telecommunications are vital for the UK's economic competitiveness and in promoting social inclusion. There are now over 81.6 million mobile subscriptions in the UK. Over 5.1 million people now access mobile broadband services via a laptop and dongle, and 39 per cent of UK adults use their mobile phone for internet access."* Ofcom have noted that many households now have a variety of means of telecommunications available at their finger tips from their use of satellite systems, fixed line telephones, broadband and mobile phones. However there has been a growth in the proportion of mobile-only homes as network providers increase the amount of minutes that are bundled within mobile contract line rental and market dongle support, meaning that it is not always necessary to have a landline in order to be able to access the internet. Furthermore it was said by the MOA that at the end of 2011 the Mobile Operators Association report that 15% of adults live in a home that has a mobile phone but no landline. In-building coverage and capacity is a key objective of the operators infrastructure rollout and upgrade, however given the very nature of mobile devices which can be taken and used wherever they are needed, this has resulted in the need for high threshold levels of 3G coverage to provide this indoor service to its customers. Also in light of the use of smart phones, SIM card enabled tablets as well as mobile supported satellite navigation systems, this means that in car and outdoor signal strengths need to provide adequate and reliable coverage for the use of hand portable devices. According to YouGov, satisfaction among mobile users with 'staying connected' has seen the steepest declines of all network-related attributes, with 20% of mobile broadband rating their experience as poor in July 2009, compared to 9% in June 2008.

In light of the above it is emphasised that the only reason an operator seeks to place a base station anywhere is to improve the service to its customers. NPPF confirms that local planning authorities should not question the need for a proposed telecommunications development. Indeed it would not be financially viable for operators to develop their existing networks further and invest time and monies into any particular case, if there was no demand for the mobile phone service it seeks to provide. Irrespective of the above to many the correlation between their own personal mobile phone usage as opposed to the wider customer needs and demands in a particular area are unrelated matters. Given peoples expectations that their mobile devices will function 24-7, when and wherever they need them, it should not be taken for granted that there is a robust telecommunication infrastructure behind their use. New base stations are required as each cell can only support a finite number of users at any one time. If there is a high customer demand in a cell then greater capacity is required. Therefore a base stations contribution within the operator's network should be seen as an important economic driver and material planning consideration.

Further detail regarding the general operation of the Vodafone and Telefónica networks can be found in the accompanying document entitled 'General Background Information for Telecommunications Development'. This information is provided to assist the local planning authority in understanding any technical constraints on the location of the proposed development.

6. Site Selection Process – alternative sites considered and not chosen

In accordance with the operators licence obligations, NPPF and the Code of Best Practice on Mobile Phone Network Development, Cornerstone has reviewed existing telecommunications provision operated by Vodafone and Telefónica in the intended target area. An existing base station has been identified in which taking advantage of their Cornerstone agreement a sequential approach to site selection has been taken. Nonetheless it should be appreciated deriving from the origins of the now existing base station, alterative sites would have been considered.

Planning Policies

Local Planning Policy

It is recognised that Section 38 (6) of the Planning and Compulsory Purchase Act 2004 states that *"If regard is to be had to the development plan for the purpose of any determination to be made under the planning Acts the determination must be made in accordance with the plan unless material considerations indicate otherwise"* The development plan framework is provided by the Oldham Council Development Plan, although it is acknowledged that the Local Planning Authority are working towards formulating a Local Development Framework which will in time supersede this document. In the meantime it is considered that the following saved planning policy is applicable: -

DC17.1 Telecommunications

"Applications for telecommunications developments will normally be approved if the Council can be satisfied that the development has been sited and designed to minimise its impact on residential amenity and in environmentally sensitive areas. Wherever possible, the Council will expect the potential of existing buildings and masts, including

the sharing of such facilities, to be fully explored before agreeing to additional separate development."

National Planning Policy

National Planning Policy Framework (2012)

5 - Supporting high quality communications infrastructure

The National Planning Policy Framework (NPPF) set out Central Government's planning policies for England and how these are expected to be applied. It replaces a number of planning documents including Planning Policy Guidance 8 – Telecommunication. NPPF sets out the Central Government's requirements for the planning system only to the extent that it is relevant, proportionate and necessary to do so. It provides a framework within which local people and their accountable councils can produce their own distinctive local and neighbourhood plans, which reflect the needs and priorities of their communities.

Pertinent to telecommunications development section 5 of NPPF sets out the Governments general overview regarding supporting high quality communications infrastructure and is stated as follows: -

"42. Advanced, high quality communications infrastructure is essential for sustainable economic growth. The development of high speed broadband technology and other communications networks also plays a vital role in enhancing the provision of local community facilities and services.

43. In preparing Local Plans, local planning authorities should support the expansion of electronic communications networks, including telecommunications and high speed broadband. They should aim to keep the numbers of radio and telecommunications masts and the sites for such installations to a minimum consistent with the efficient operation of the network. Existing masts, buildings and other structures should be used, unless the need for a new site has been justified. Where new sites are required, equipment should be sympathetically designed and camouflaged where appropriate.

44. Local planning authorities should not impose a ban on new telecommunications development in certain areas, impose blanket Article 4 directions over a wide area or a wide range of telecommunications development or insist on minimum distances between new telecommunications development and existing development. They should ensure that:

- *they have evidence to demonstrate that telecommunications infrastructure will not cause significant and irremediable interference with other electrical equipment, air traffic services or instrumentation operated in the national interest; and*
- *they have considered the possibility of the construction of new buildings or other structures interfering with broadcast and telecommunications services.*

45. Applications for telecommunications development (including for prior approval under Part 24 of the General Permitted Development Order) should be supported by the necessary evidence to justify the proposed development. This should include:

- *the outcome of consultations with organisations with an interest in the proposed development, in particular with the relevant body where a mast is to be installed near a school or college or within a statutory safeguarding zone surrounding an aerodrome or technical site; and*
- *for an addition to an existing mast or base station, a statement that selfcertifies that the cumulative exposure, when operational, will not exceed International Commission on non-ionising radiation protection guidelines; or*
- *for a new mast or base station, evidence that the applicant has explored the possibility of erecting antennas on an existing building, mast or other structure and a statement that self certifies that, when operational, International Commission guidelines will be met.*

46. Local planning authorities must determine applications on planning grounds. They should not seek to prevent competition between different operators, question the need for the telecommunications system, or determine health safeguards if the proposal meets International Commission guidelines for public exposure."

Code of Best Practice on Mobile Phone Network Development (2002)

The Code of Best Practice was published in November 2002 and produced jointly by all Mobile Phone Operators, and representatives of Central and Local Government. It provides clear and practical advice to ensure that delivery of significantly better and more effective communication and consultation between operators, local authorities and local residents.

Paragraph 126 acknowledges the options for design used by an operator will be affected by site conditions, technical constraints, landscape features and capacity requirements. The main options would include mast and or site sharing; and installation on existing buildings and structures.

With regards mast and site sharing it is stated in paragraph 127 that *"it has been a longstanding Government policy objective to encourage telecommunications operators, wherever practicable, to share masts and sites as a means of reducing overall mast numbers."*

It is acknowledged in paragraph 133 that "*the use of existing buildings and structures by the operators as sites for the installation of their telecommunications equipment is an established measure which has greatly helped to reduce the environmental impact of their networks."*

Paragraph 134 highlights that *"operators will need to bear in mind the height, scale and architectural style of the building or structure as this will have a significant influence on the design of the equipment used. Extra care will need to be taken when installing equipment on listed buildings or on structures and/or buildings located in areas of historic and architectural importance."*
The Code of Best Practice goes further in paragraph 135 and states *"It is important that the siting of equipment on buildings and structures does not come across as being ill-considered. Careful planning and placing of equipment to achieve symmetry and balance can help to overcome this. As with site sharing, making the equipment appear as a single group will help result in a more visually acceptable scheme."*

Paragraphs 140 - 145 identify general design principles in which camouflaging or disguising equipment is considered materially appropriate. In reducing the environmental and visual impact of a ground based installation the Code of Best Practice promotes the use of simple and uncomplicated designs.

Annex B, paragraph 5 states that *"Radio signals are susceptible to interference and need clear visibility around the site; this means that some locations are not suitable for base station sites. The antennas need to be placed so they can cover the area of the cell and this means that they need to be placed high, often on a building or telecommunications mast. The height required will vary depending on the type of antenna, the area to be covered, surrounding topography and heights of adjacent buildings or trees."*

Annex B, paragraph 6 acknowledges that the number of base station sites depends on the area to be covered and the number of people who want to use the service. A new base station may be required to provide coverage, capacity, improve the quality of service and/or to replace an existing site.

Planning Assessment
The building of Linley House is found in Manchester city centre and is situated on the south-eastern side of Dickinson Street, off Portland Street. Linley House is a modern office tower black that encompasses 9 floors and stands at 39 metres in height. There is an existing T-Mobile and Vodafone installation sited upon the roof of the building. Linley House is not listed although it is situated within a Conservation Area which is characterised by its civic grandeur and commercial properties. To the north and west of the site are Portland Street and Oxford Street which form major arterial routes through Manchester city centre. To the rear of Linley House, is the Manchester Ship Canal and surrounding the site is a variety of commercial land uses. The buildings surrounding Linley House are in the most part both substantial in height and massing.

From the outset, it should be appreciated that irrespective of the installation's use as a telecommunications base station, the change in its form will always be, to some degree, a noticeable alteration to those residents and regular passers by found closest. However it should be recognised that visibility does not automatically result in an overwhelming adverse harm. Similarly, it should be acknowledged that the presence of the existing telecommunications installation on-site may result in a number of preconceptions regarding the new proposal now subject to this application. In reflection it should be appreciated that these opinions may actually derive from the previous planning history and or the siting and appearance relating to the now existing rooftop base station. Irrespective of these viewpoints and what has gone before it should be acknowledged that the existing base station is now established on-site, in which this provides a good reference point for the latest scheme's siting and appearance.

It is considered that the proposals will have a neutral impact on the Conservation Area and the immediate street scene because of the design and careful siting of the replacement antennas. It is considered that the applicant has made every effort to limit the visual impact of the scheme by siting the antennas upon a structure that already accommodates telecommunications equipment and by utilising the operational minimum amount of apparatus in order to prevent the building from appearing cluttered. The existing installation is an established feature upon the building, and a proposal of this nature is not uncommon upon such a building. It is considered that these factors will aid the merging of the installation into the existing environment and therefore minimise the visual impact of the installation upon the character and setting of the Conservation Area.

In light of the above it is considered that the planning assessment of this case should concentrate on whether the proposed changes in terms of its form when compared to the existing development are significant as to outweigh other material planning matters. Indeed it should also be ascertained as to whether there is still a need for the

rooftop base station and if there have been any notable changes in terms of the development's surrounding context. Also the latest proposal subject to this application should be reviewed against the up to date planning policy regarding telecommunications development.

As discussed previously with regards the choice of design when comparing the appearance of the existing installation with the proposed scheme, it is considered that the latest upgrade development will not undermine the visual amenity of the area. In this respect balanced against the other matters as below, it is considered that the latest CTIL proposal is acceptable.

With regards the need for the development it has been highlighted previously that the existing base station requires upgrading to meet the existing and future 4G demands of mobile users. In this respect it's continue presence and operation is essential in providing network coverage for Telefonica and Vodafone.

It should be acknowledged that a sequential approach to site selection has been taken, whereby an existing base station found on the roof of a tall building has been progressed. The surrounding context to the host building remains largely unaltered in which it is considered that the upgrade scheme would not appear unduly prominent, alien or intrusive on the building or in its wider setting. Therefore it is considered that the upgrade proposal would not be overly intrusive in the street scene and its visual impact would not outweigh the continued need and future 4G demands to provide coverage.

It is recognised that the above application was determined prior to the adoption of the aforementioned NPPF. Nevertheless it is evident that the planning policy context has not altered significantly since permission was initially granted, in which the key principals of telecommunication development are deep rooted in planning policy. In this regard it is reasonable to presume that the NPPF has derived from PPG8 which was applied in the first instance. Therefore it is considered that there is limited material conflict between the latest adopted planning policies used today when compared to the policy context that has gone before. Taking into account the local planning policies which are applicable it is considered that the proposal accords with the Council development plan.

In light of the above the applicant considers that the rooftop proposal strikes a good balance between environmental impact and operational considerations.

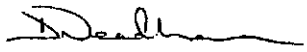
Health & Safety

Court cases have confirmed that the public perception of health risks can be a material consideration within the land-use planning system. However the weight to be attached to this issue has to be determined accordingly in each case by the decision maker. It has been generally held, and widely established at planning appeal, that health concerns are not a sufficient basis alone for withholding planning permission providing it has been demonstrated that the proposed installation will comply with the ICNIRP guidelines.

It should be recognised that it has been long since established that it is Central Government's stance that the planning system is not the appropriate mechanism for determining health safeguards. It remains Central Government's responsibility to decide what measures are necessary to protect public health. Most notably it is Central Government's view that if a proposed development meets the ICNIRP guidelines for public exposure it should not be necessary for a Local Planning Authority, in processing an application for planning permission or prior approval, to consider further the health aspects and concerns about them.

In this respect the operators believe that it is not necessary to consider health effects further. Vodafone and Telefónica as operators are committed to ensuring that all new installations are ICNIRP compliant therefore it is considered that there is no basis for this case to be refused on health and safety grounds or for reasons relating to public concerns about health and safety. An ICNIRP compliance certificate is attached as part of this submission, as required by NPPF paragraph 45, in which the ICNIRP declaration takes into account the cumulative effect of the emissions from the proposed installation and all radio base stations present, at or co-located near to the proposed installation. Radio frequency emissions from the proposed installation will be may times lower than the ICNIRP reference standard in all publicly accessible areas around the installation. In the light of the above information, it is clear that the weight to be given to such concerns should not be so great as to warrant a refusal of the case on health grounds.

Contact Details

Name: (Agent)	Dominic Needham	Telephone:	0161 214 1742
Operator:	Vodafone Ltd	Fax no:	0161 839 8840
Address:	Mono Consultants Ltd Steam Packet House 76 Cross Street Manchester M2 4JG	Email:	dominic.needham@monoconsultants.com
Signed:		Date:	15.04.13
Position:	Town Planner	Company: (on behalf of CTIL and the above operator)	Mono Consultants Ltd