SUPPLEMENTARY INFORMATION

1. Site Details

Site Name	Chester road roundabout	Site Location	Chester Road Roundabout, Chester Road, Manchester, M15 4JA
NGR	382976, 397266		
Site Ref Number	56113	Site Type[1]	Street works installation

2. Pre Application Check list

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	Yes	
If no explain why N/A		
Was the industry site database checked for suitable sites by the operator?	Yes	
If no explain why N/A		

Annual Rollout Consultation with LPA

Date of last annual rollout information/submission	23/10/08
Name of Contact	P Babb
Summary of outcome/Main issues raised Not Known	

Pre-application consultation with LPA

Date of written offer of pre-application consultation	11/02/08
Was there pre-application contact	No
Date of pre-application contact	N/A
Name of Contact	N/A
Summary of outcome/Main issues raised N/A	

[1]Macro or Micro

Ten Commitments Consultation

Rating of Site under Traffic Light Model	Green		
Outline Consultation carried out LPA have been notified.			
Summary of outcome/Main issues raised N/A			

School/College

Location of site in relation to school/college (include name of school/college)

There are no schools in close proximity to the proposal, the nearest is over 100m from the site.

Nearest Primary Schools

School	Distance
St Wilfrid's RC Primary School	0.28 miles
Old Trafford Community School	0.51 miles
Rolls Crescent Primary School	0.51 miles
St Philip's Church of England Primary School	0.58 miles
St Alphonsus RC Primary School	0.59 miles

Nearest Secondary schools

School	Distance
Afifah High School For Girls *	0.81 miles
Trinity CofE High School	0.90 miles
Abbey College *	0.91 miles
Chetham's School of Music *	1.19 miles
Manchester Academy	1.36 miles

Nearest Sixth Forms

School	Distance
Loreto College	0.65 miles
Abbey College *	0.91 miles
Chetham's School of Music *	1.19 miles
St Bede's College *	1.41 miles
North Trafford College of Further Education	1.63 miles

Outline of consultation carried out with school/college. (include evidence of consultation)

N/A

Please refer to the Radio Coverage Plots included in the application

Type of Structure (e.g. tower, mast, etc)	
19.7m Phase 4 streetworks tower with GRP shrouded headframe & associated works.	
Overall Height	19.7m
Height of existing building (where applicable)	15m
Equipment Housing	
Length	925mm x 1228mm
Width	1300mm x 570mm
Height	1642mm x 1330 mm
Materials (as applicable)	
Tower/mast etc – type of material and external colour	Galvanised, Grey
Equipment housing – type of material and external colour	Steel, Grey

Reasons for choice of design
T Mobile strives to balance the requirement for the site to be in a particular location with its potential affect upon visual amenity. Here, the location takes into account the importance of identifying a site situated as far away from existing housing as possible within a very restrictive search area. The proposal consists of the introduction of a 19.7m high monopole. The lamp posts that line the roundabout are approx 25m in height thus the monopole that has been utilised is at a reduced scale and massing to the existing street furniture.

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 site are taken into account.	Yes	

Frequency	Transmit – 1816.5 – 1846.5 Mhz Received 1721.5 –

Summary of outcome/Main issues raised N/A

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

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

Developer's Notice

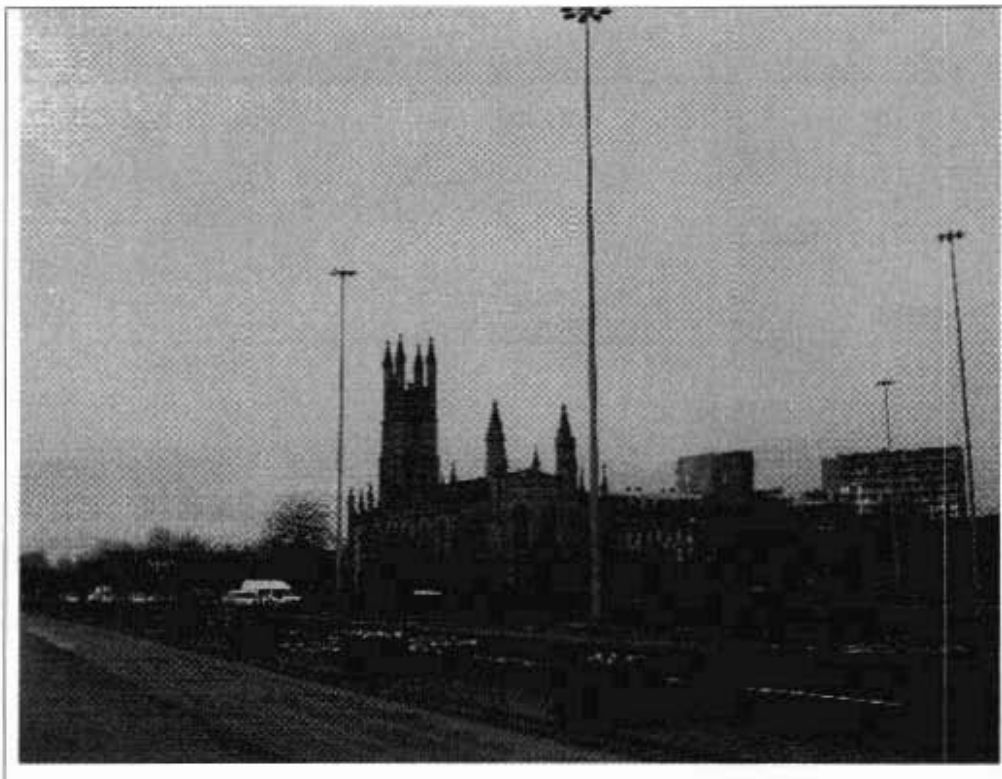
Copy of the developer's notice enclosed	Yes	
Date Served	01/04/08	

3. Proposed Development

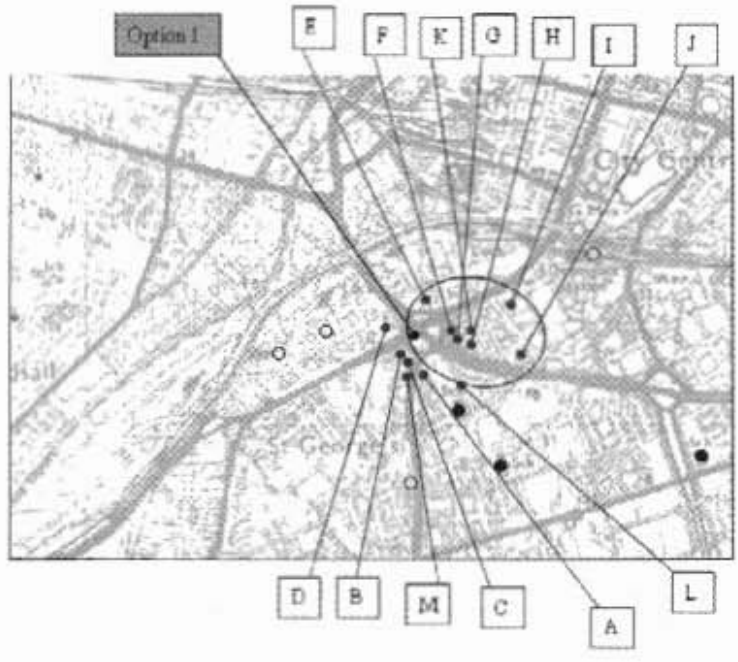
The proposed site Photos on the next pages illustrate the site: 







The plan below illustrates option 1 and the rejected options.



Enclose map showing the cell centre and adjoining cells

	1751.5 Mhz
Modulation characteristics[2]	GMSK/QPSK
Power output (expressed in EIRP in dBW per carrier) In order to minimise interference within its own network and with other radio networks, (T Mobile UK Ltd) operates its network in such a way that radio frequency power outputs are kept to the lowest levels commensurate with effective service provision. As part of (T Mobile UK Ltd) network, the radio base station that is the subject of this application will be configured to operate in this way.	62dBm
Height of antenna (m above ground level)	19.7 m

4. Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
Coverage.

[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 UTMS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation

5. Site selection process – alternative sites considered and not chosen

Rejected Options:

A – Hulme Court, Linby Street (383000, 397125)

This rooftop option has been progressed previously but failed due to objections from the tenants. The Council (owners) therefore withdrew from negotiations.

B – Thmoas Court, Beattock Street (382948, 397207)

Another Council owned tower block adjacent to Hulme Court. The Council did not wish to progress this option for the same reason as in (A)above.

C – St George's Court, Angela Street (382937, 397145)

Another Council owned rooftop option. As with A and B above.

D – Former St George's Church, Arundel Street (382887, 397296)

This is a converted church which is now residential accommodation. The site is within the Conservation Area and is also Listed and has therefore been discounted in favour of the proposed options.

E – Jacksons Wharf (Bellway Homes), Blantyre Street (383027, 397358)

Another residential building within the Conservation Area. The site has been discounted in favour of the proposed options.

F - AAA Office Furniture, Silvercroft Street (383125, 397305)

Located in the centre of the DSA, this site was discounted as it has been purchased for residential development.

G - HSS Hire Shop, Silvercroft Street (383110, 397280)

Located in the DSA, this site was discounted as the site is to be sold for residential development in approximately 6-12 months for residential development.

H - CPD Supplies, Silvercroft Street (383178, 397243)

Located in the DSA, this site was discounted as it has been purchased for residential development.

I - Tom Garners Peugeot Garage, Deansgate (383272, 397367)

Located to the East of the DSA, this site was discounted as it has been purchased by Ask Developments for residential/office development to take place in early 2007.

J - 3M Offices, Gt Jackson Street (383312, 397205)

This site was discounted as the property owners have still to provide a response to proposals issued to them. It is thought that the property is likely to form part of the residential development in the area.

K -Silvercroft Street DNS, Silvercroft Street (383185, 397320)

Originally thought to be publicly maintainable highway and later identified as privately owned land, this site is in the centre of the DSA. Whilst it is not likely to be subject to any residential development, the site would be surrounded to all sides by the buildings forming the residential development of the area and as such would be rendered useless within 12-18 months.

L -York Street DNS , York Street (383118, 397080)

York Street runs perpendicular to Jackson Crescent. The footpaths are wide enough to develop. However, the area contains several tall (15-20m)

deciduous trees. It is unlikely that a DNS site in this area would be able to provide coverage to the DSA.

M -Chorlton Road DNS, Chorlton Street (382937, 397033)

Chorlton Road was investigated as a potential option for a DNS. Nevertheless, T-Mobile already have a DNS site on Chester Road and it is anticipated that the suitable pavement locations would be too close to that cell.

If no alternative site options have been investigated, please explain why **N/A**
Additional Relevant Information
Please refer to covering letter.

Contact Details

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Operator	T-Mobile (UK) Ltd	Fax No	**0113 275 6854**
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Signed		Date	01/03/08
Position		CaraSpace Consulting	T-Mobile (UK) Ltd

[3] *ETS - Existing Telecoms site, ES – Existing Structure, RT – Roof Top, GF – Greenfield*
[4] SP- Site Provider, RD – Redevelopment Not Possible, T – Technical Difficulties, P- Planning O - Other