

SUPPLEMENTARY INFORMATION FORM

1. Site details

Site Name	Stockley Road SW	Site Address	Stockley Road, West Drayton, Hillingdon, London, UB7 9AH
NGR	507632/179758		
Site Ref Number	78244	Site Type ¹	Macro - Streetworks

2. Pre Application Check list

Site selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?	No	
Hillingdon do not have a mast register. However, relevant planning history searches were carried out within the area.		
Was the industry site database checked for suitable sites by the operator?	Yes	
if no explain why – n/a		

Annual roll out consultation with LPA

Date of last annual rollout information/ submission	Autumn 2017
Name of contact	Chief Planning Officer
Summary of outcome/Main issues raised	
n/a	

Pre-application consultation with LPA

Date of written offer of pre-application consultation	05/10/2018
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

10 Commitments Consultation

Rating of Site under Traffic Light Model		Green	
Consultation was carried out with Councillors Duncan, Mathers and Sweeting, and with John Martin McDonnell MP.			
Summary of outcome/Main issues raised.			
No responses have been received at the time of submission. If any responses are received, these will be forwarded to the Local Planning Authority.			

School/College

Location of site in relation to school/college (include name of school/college)
No schools in proximity
Outline of consultation carried out with school/college (if relevant). (include evidence of consultation)
n/a
Summary of outcome/Main issues raised
n/a

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

Will the structure be within 3km of an aerodrome or airfield?		Yes – 3km from Heathrow Airport
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified		Yes
Details of response: No responses have been received to date. If any responses are received, these will be forwarded to the Local Planning Authority.		

Developer's Notice
(only required for an application for prior approval)

Copy of Developer's Notice enclosed	Yes	
Date served	23/10/2018	

3.0 Proposed Development

The proposed site:
Stockley Road SW, West Drayton, Hillingdon, London, UB7 9AH
The installation of a 20 metre high Phase 5 monopole including 2No. 0.3 metre diameter dishes and 2No. equipment cabinets located on the footpath, to be painted Green RAL6009, and ancillary development thereto.

Enclose map showing the cell centre and existing sites within the cell and adjoining cells
Please see Section 5.0.

Type of Structure (e.g. tower, mast, etc):	
Monopole and cabinets	
Overall Height: 20 metres	
Height of existing building (where applicable)	n/a
Equipment Housing	
Huawei BTS3900A side-by-side cabinet	1280 x 480 x 900mm (WxDxH)
Mk 4 Link/AC cabinet	600 x 500 x 1520mm (WxDxH)
Materials (as applicable)	
Tower/mast etc – type of material and external colour	STEEL – painted RAL6009 (Green)
Equipment housing – type of material and external colour	STEEL – painted RAL6009 (Green)

Reasons for choice of Design
The site has been sensitively designed to ensure it does not blight the character of the area. The equipment has been kept to the minimum height and width which allows coverage levels to be met. The site is located away from residential properties, and is viewed in the context of a busy road and nearby industrial estate. There are street furniture columns and trees of a similar height in the vicinity. The proposed equipment will be painted Green RAL6009 to aid in ameliorating its presence, and is located on a grass verge off the footpath to ensure that it does not impede pedestrian access.

4.0 Technical information

ICNIRP Declaration attached	Yes	
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 cellular operators on the site are taken into account.		
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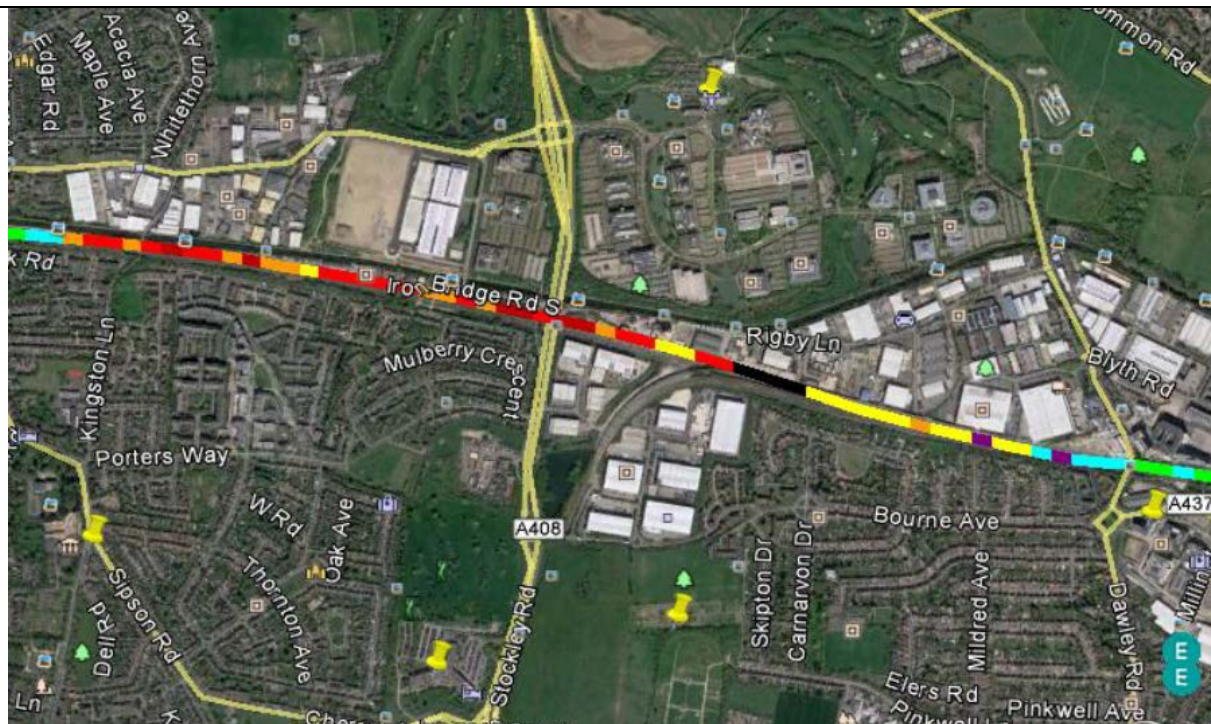
Frequency	GSM 1865.5-1846.5 MHz
Modulation characteristics ²	GMSK & UMTS
Power output (expressed in EIRP in dBW per carrier)	56 dBm
Height of antenna (m above ground level)	18.75 metres to centre of antennas

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.

5.0 Technical Justification

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



RSRP (dBm) EE [Time]



The above shows that the level of coverage on the trainline is poor (optimum levels would be green - ≥ -55 as per the key). The aim of the installation is essentially to eliminate any red/black areas which show very weak/poor coverage areas on the train routes. This installation will improve the levels of coverage to aim towards achieving the green level of optimum coverage.

Panoramic photos are also submitted as part of this application and show the need for the height of the proposed monopole. Antenna heights of 14 metres and 16.5 metres would experience interference from the trees to the west of the proposed location.

SITE SELECTION PROCESS – ALTERNATIVE SITES CONSIDERED AND NOT CHOSEN

Site ³	Site Name and address	NGR	Reason for not choosing ⁴
SW	Residential area incl. Mulberry Crescent and Emden Close	Approx: E 507565/N 179742	P/O - Area is highly residential with narrow footpaths. Monopole would need to be 20 metres high which is unlikely to achieve planning approval. Discounted on design/planning grounds.
GF	Prologis Land at Ironbridge Road, Stockley Park, Uxbridge, UB11 1PA	Approx: E 507343/N 180064	T - This option is on the outer boundary of the search area. The chosen site on Stockley Road will provide a better level of coverage and therefore this has been discounted in favour of the chosen site.
GF	Land lying to the west of Stockley Road, West Drayton, UB7 8HY	Approx: E 507574/N 180077	T - The chosen site on Stockley Road will provide a better level of coverage and therefore this has been discounted in favour of the chosen site.
GF	Stockley Close, West Drayton, UB7 9BL	E 519266/N 181007	RD/O - To achieve the best level of coverage there would be a requirement to locate a Greenfield site within the car park at Ocado. This would block access for delivery vehicles to Ocado and therefore this has been discounted on design grounds.
GF	Hanson Aggregates, Stockley Road, West Drayton, UB7 8NF	Approx: E 507873/N 179826	T - The chosen site on Stockley Road will provide a better level of coverage and therefore this has been discounted in favour of the chosen site.

³ ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF – Greenfield, SW – Streetworks

⁴ RD - Redevelopment Not Possible, T - Technical Difficulties, P – Planning O – Other

GF	Stockley Park, Uxbridge, UB11 1FW		RD/T - MBNL already have an existing site to the north of Stockley Park. Due to a hotel being built close by coverage from this site is already likely to be reduced and therefore the location is not suitable for a further installation. Discounted in favour of chosen site.
GF	Industrial Estates North and South of Railway Line		T - The chosen site on Stockley Road will provide a better level of coverage and therefore this has been discounted in favour of the chosen site.

If no alternative site options have been investigated, please explain why:
n/a

Additional relevant information

Contact Details

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Signed		Date	24 th October 2018
Position	Planner – Telecoms	Company	GVA
			For and on behalf of EE Limited