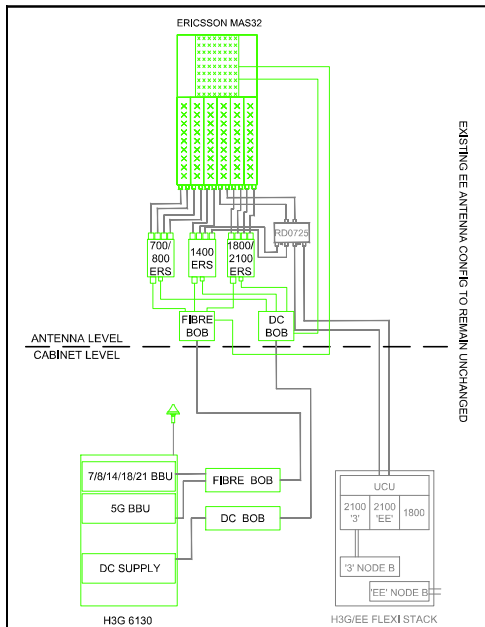




Feeder Key:

TECHNOLOGY	LINE TYPE	LENGTH	LOSSES (-dB)
700/800		-	EX.
1400		-	EX.
1800/2100		-	EX.
U2100		LDF5-50 - 40m	EX.
3600		-	AAU.
GPS		40m	N/A
Tx		-	N/A
AC POWER		10m	N/A
FIBRE / DC		40/40m	N/A

EXISTING FEEDERS / FIBRE TO BE REUSED

Notes:

3Ph 100A REC SUPPLY. SPD INSTALLED.



EXISTING EE ANTENNA CONFIG TO REMAIN UNCHANGED

EXISTING APM5930 TO BE REMOVED & PROPOSED E/// 6130 TO BE INSTALLED. EXISTING SUPPORT PLATE TO BE DRILLED ON SITE TO FIT 6130 BOLT PATTERN

EXISTING LOCAL BOB' TO BE UPGRADED TO E/// USING ICD FTTA CONVERSION KIT

EXISTING GPS TO BE REMOVED AND REPLACED WITH PROPOSED E/// KRE1012395/1 GPS NODE

EXISTING RRUS TO BE REMOVED AND REPLACED WITH PROPOSED 3NO. 1800/2100 ERS', 3NO. 1400 ERS' & 3NO. 700/800 ERS' ON NEW 3NO. ERS RAILS

EXISTING REMOTE BOB' TO BE UPGRADED TO E/// USING ICD FTTA CONVERSION KIT.

RF Code: 4G++&5G_OD_I32_{A-4440}_{0}_[0]

PROPOSALS WILL REDUCE THE WIND LOADING ON THE STRUCTURE.
CURRENT M+P AAU5811: MAX WIND LOAD 1745N @ 150kmh
PROPOSED MAS32: MAX WIND LOAD 1252N @ 150kmh
REF: 4221294_91377_Report_Rev_00

Site Name: THAMESGATE SHOPPING CENTRE

MBNL Cell ID: GVM017

Address: NEW ROAD, THAMES GATE GRAVESEND DA11 0AU

Direction to Site/QR Code:



Project: H3G HRV

Site ID: 709836
Cell ID: 91377
3UK ID: DA0215
Easting: 564675
Northing: 174055

Site Access:

The site is on the rooftop of the Thamesgate Shopping Centre. The equipment can be accessed via the car park elevator and the equipment is split over two floors; 5th floor of car park is the internal equipment room and cabinets are located here. The top floor of the car park hosts the antennas which are mounted around the plantroom and can be accessed via the CAT ladder. The access code for the CAT ladder is 8377.

Dependencies:

ICNIRP: PASS - CERTIFICATE UPDATED
COOLING: OUTDOOR
STRUCTURE: 28/04/20 SHIRE STRUCTURAL CALCS
ASBESTOS: 2020 PCS REPORT

Work Requirement:

- EXISTING APM5930 TO BE REMOVED
- 6130 TO BE INSTALLED
- 6130 TO BE POWERED FROM PROPOSED 3P32A MCB & NEW 35mm CPC. EXISTING SWA CABLE TO BE REUSED
- EXISTING HUAWEI RRUS TO BE REMOVED
- PROPOSED 3No. 2460 (ADD 700mhz), 3No. 4020 & 3No. 4480 ERS' TO BE INSTALLED ON 3No. ERS RAILS
- ALL BOB' TO BE CONVERTED TO E/// USING ICD FTTA CONVERSION KIT
- NEW 3m FIBRE/DC CABLES TO BE INSTALLED TO ERS'
- NEW 6m FIBRE/DC CABLES TO BE INSTALLED TO ANTENNAS
- EXISTING 3No. M+P AAU5811 ANTENNAS TO BE REMOVED
- 3No. MAS32' TO BE INSTALLED AT EXISTING HEIGHT & BEARINGS
- EXISTING GPS NODE TO BE REMOVED & REPLACED WITH E/// GPS NODE AT EXISTING LOCATION



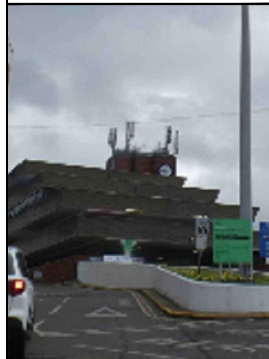
BEACONCOMMS



Hutchison 3G UK Limited
Green Park - 450 Longwater Avenue
Reading, RG30 3UR
Tel: 01628 765 000
Fax: 01628 765 001

H3G Base Station Information Line:
0845 6043000
Available 8am-8pm Monday to Friday

Scale: 0 1:100 2m 4



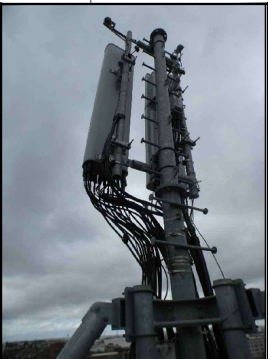
Site Photograph



Access Route



Existing Equipment



Structure

CABINET	STATUS
1. RBS	INSTALLED
2. SAMO	INSTALLED
3. M35	INSTALLED
4. AIRI	INSTALLED
5. NODE B	INSTALLED
6. APM5930	REMOVE
7. 6130	PROPOSED

Equipment

SECTOR	STATUS	MAKE/MODEL
A: 65° @ 27.5m	INSTALLED	HUAWEI M+P AAU5811
B: 174° @ 27.5m	INSTALLED	HUAWEI M+P AAU5811
C: 270° @ 27.5m	INSTALLED	HUAWEI M+P AAU5811
A: 65° @ 27.5m	PROPOSED	E/// MAS32
B: 174° @ 27.5m	PROPOSED	E/// MAS32
C: 270° @ 27.5m	PROPOSED	E/// MAS32

Antenna Table

Date:	Drawn:	Checked:	Approved:	Revision:
18.04.23	HS	TC	MV	DD_A1

ICNIRP Compliance Statement: TD54000V11 T&A STEP 3.1 (OPTION 2), CTIL WITHIN 50m. FIXIT No. 107510