RF Code: 4G++&5G_OD_EXIST+32T_{B-2440}_(0)_[0]

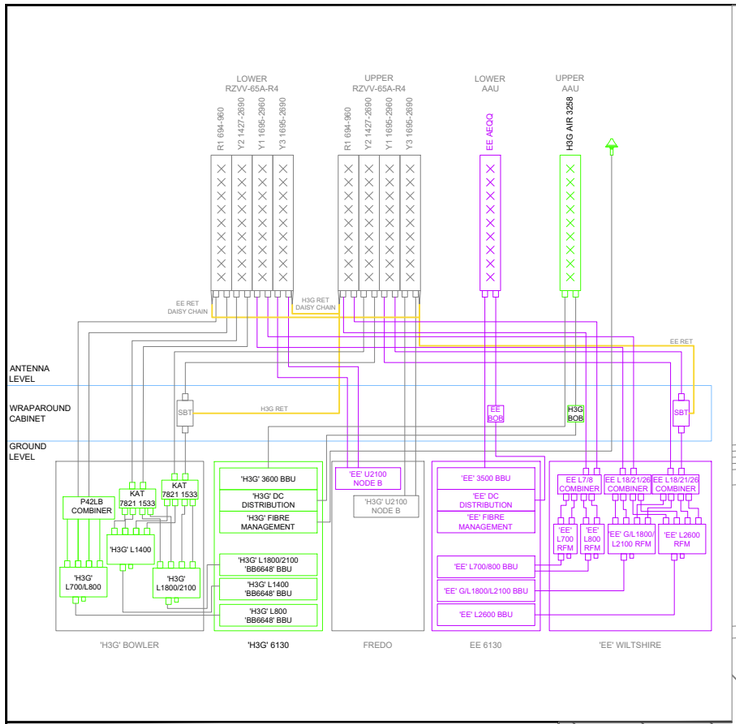
Site Name: BRANTWOOD ROAD DNS 2

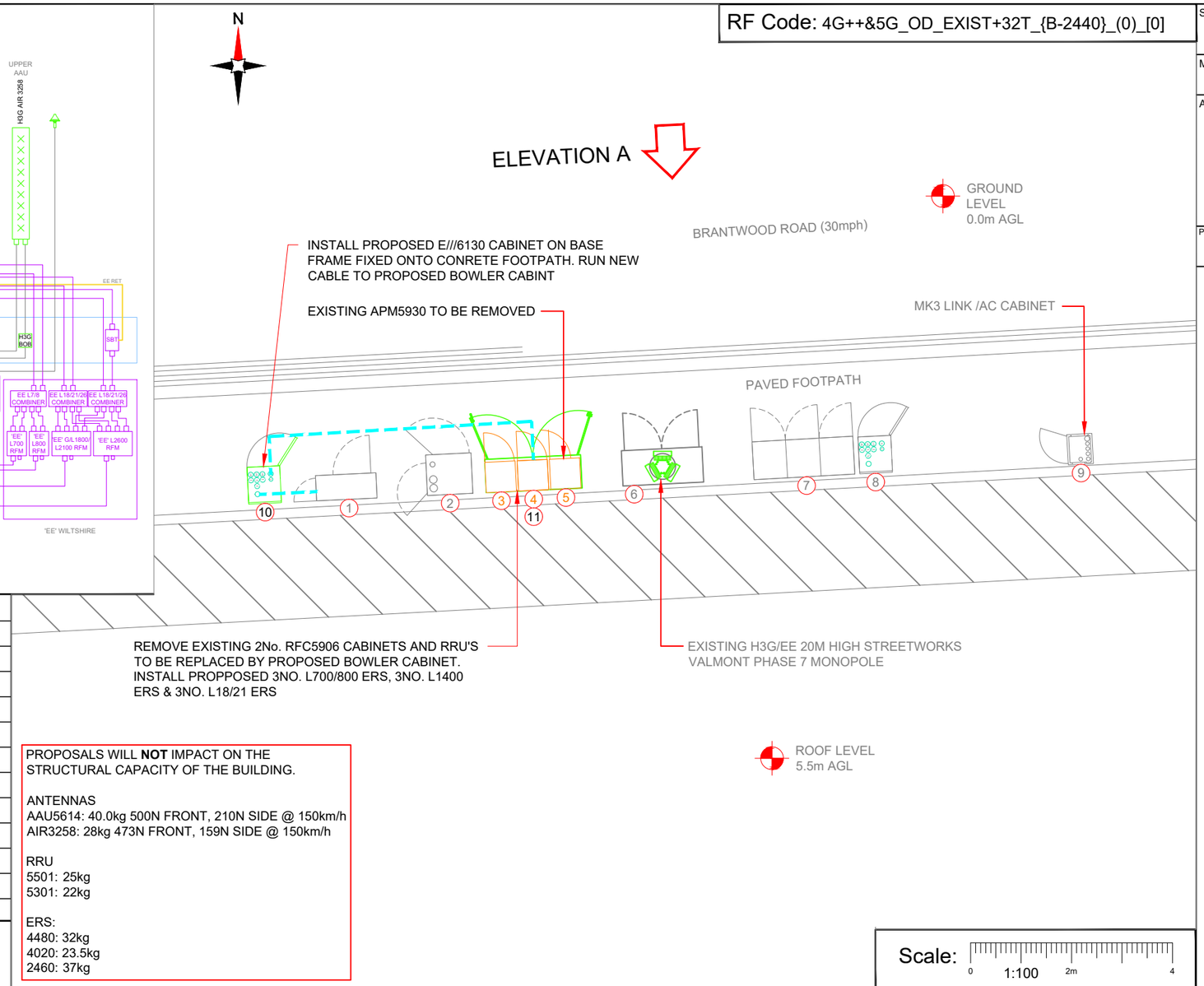
MBNL Cell ID: HGY005

Address: BRANTWOOD ROAD DNS 2 BRANTWOOD ROAD ENFIELD LONDON N17 0DX

Direction to Site/QR Code:

Project: H3G HRV





Feeder Key:

TECHNOLOGY	LINE TYPE	TYPE & LENGTH	LOSSES (-dB)
700/800		-	EX
1400		-	EX
1800/2100		-	EX
U2100		-	EX
3600		-	EX
GPS		-	N/A
Tx		-	N/A
AC POWER		EX + 3m 135mm² CPC	N/A
FIBRE / DC		-	N/A
EARTHING		-	N/A

EXISTING FEEDERS / FIBRE TO BE REUSED

Notes:

3Ph 100A DNO SUPPLY

PROPOSALS WILL **NOT** IMPACT ON THE STRUCTURAL CAPACITY OF THE BUILDING.

ANTENNAS
AAU5614: 40.0kg 500N FRONT, 210N SIDE @ 150km/h
AIR3258: 28kg 473N FRONT, 159N SIDE @ 150km/h

RRU
5501: 25kg
5301: 22kg

ERS:
4480: 32kg
4020: 23.5kg
2460: 37kg

Scale: 1:100 (0 – 2m – 4)

Site Details:

Site ID:	1019279
Cell ID:	60453
3UK ID:	N0194
Easting	534333
Northing	191658

Site Access:

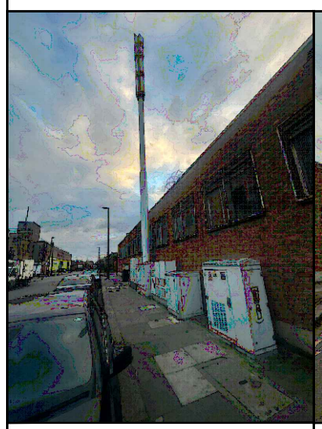
LOCAL HIGHWAYS AUTHORITY MUST BE NOTIFIED OF ANY WORKS THAT IMPACT ON PEDESTRIAN OR VEHICLE TRAFFIC

Dependencies:

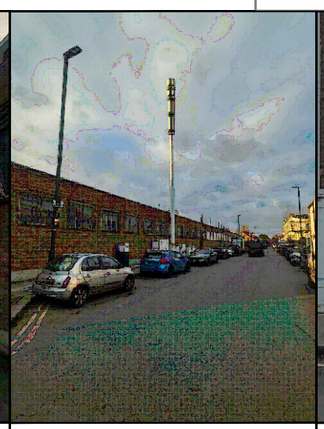
ICNIRP: PASS
COOLING: OUTDOOR STREETWORKS CABS
STRUCTURE: WITHIN DESIGN LIMIT OF EXISTING MONOPOLE
MONOPOLE MANUFACTURER: VALMONT

Work Requirement:

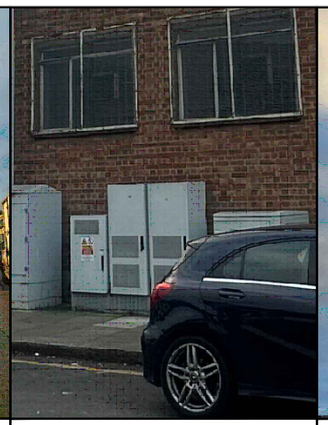
- REMOVE EQUIPMENT WITHIN APM5930, RETAIN FEEDERS TO BE REUSED
- INSTALL PROPOSED E///6130 CABINET ON BASE FRAME FIXED ONTO CONCRETE FOOTPATH. CONNECT EQUIPMENT WITHIN TO EXISTING FEEDER CABLES
- REMOVE EXISTING 2No. RFC5906 CABINETS
- INSTALL PROPOSED BOWLER ON TRANSITION PLINTH (BOWLER O&M: SECTION 2.14) THE RADIO UNITS WITHIN BOWLER, INSTALL PROPOSED E/// FITOUT - 3No. L7/800 (ADD 700mzh) ERS'S, 3No. L1400 ERS's & 3No. L18/21 ERS's
- EXISTING BOB SYSTEM TO BE UPGRADED TO E/// CONFIGURATION (BOB's, POWER CONNECTORS, FIBRE HOODS ETC)
- REMOVE THE EXISTING AAU5614 ANTENNAS, INSTALL PROPOSED AIR 3258 ON NEW ANTENNA BRACKETS C/W COMMSCOPE FA-FWS-E-250 WEATHER PROOFING SHROUD
- REMOVE EXISTING GPS NODE, INSTALL PROPOSED GPS NODE, REUSING EXISTING CABLE
- PROPOSED NEW 1X35MM CPC TO BE RUN



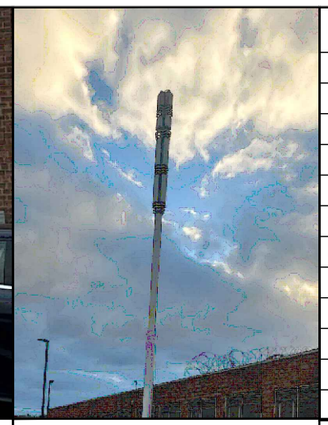
Site Photograph



Access Route



Existing Equipment



Structure

REF	STATUS	DESCRIPTION	COMMENTS
1.	INSTALLED	MK5 LINK AC	SHARED POWER AND TRANSMISSION
2.	INSTALLED	3G FREDO	-
3.	RFC5906	REMOVE	-
4.	RFC5906	REMOVE	-
5.	H3G APM5930	REMOVE	C/W H3G BASEBANDS
6.	WRAPAROUND	INSTALLED	-
7.	WILTSHIRE	INSTALLED	-
8.	E///6130	INSTALLED	-
9.	MK3 LINK AC	INSTALLED	-
10.	H3G E///6130	PROPOSED	C/W H3G BASEBANDS
11.	BOWLER	PROPOSED	-
-	-	-	-

Existing Equipment Table

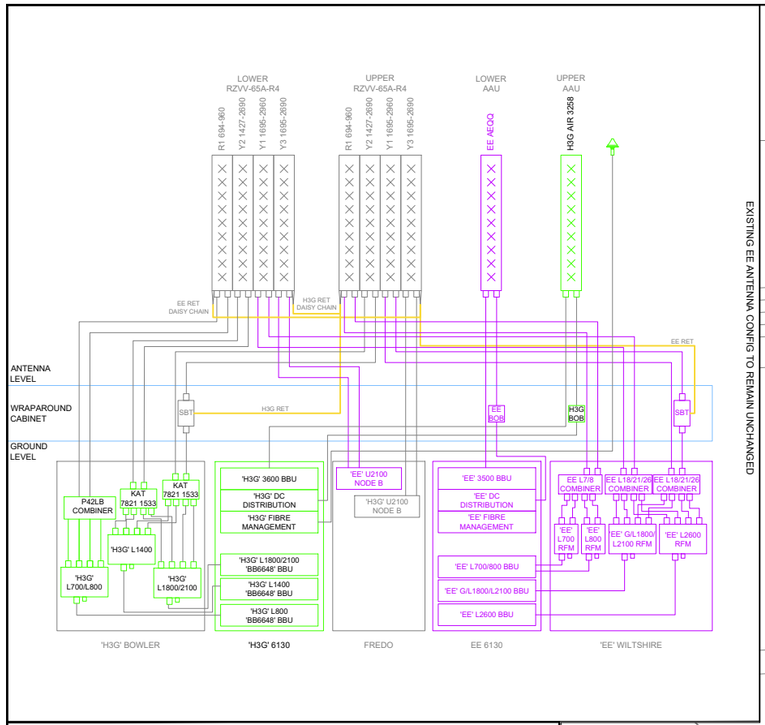
BEACONCOMMS

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

Date:	Drawn:	Checked:	Approved:	Revision:
14.11.23	FB	TC	MV	DD_A1

ICNIRP Compliance Statement: TD54000V11.0 T&A HS2 STEP 1.0 - CTIL >50M.
PREVIOUSLY TD54000V6.0 T&A HS2 STEP 2.0 ALL SECTORS _ REF: 4409052_1019279_HGY005_60453_N0194_M004_MBNL_AQP_AB1



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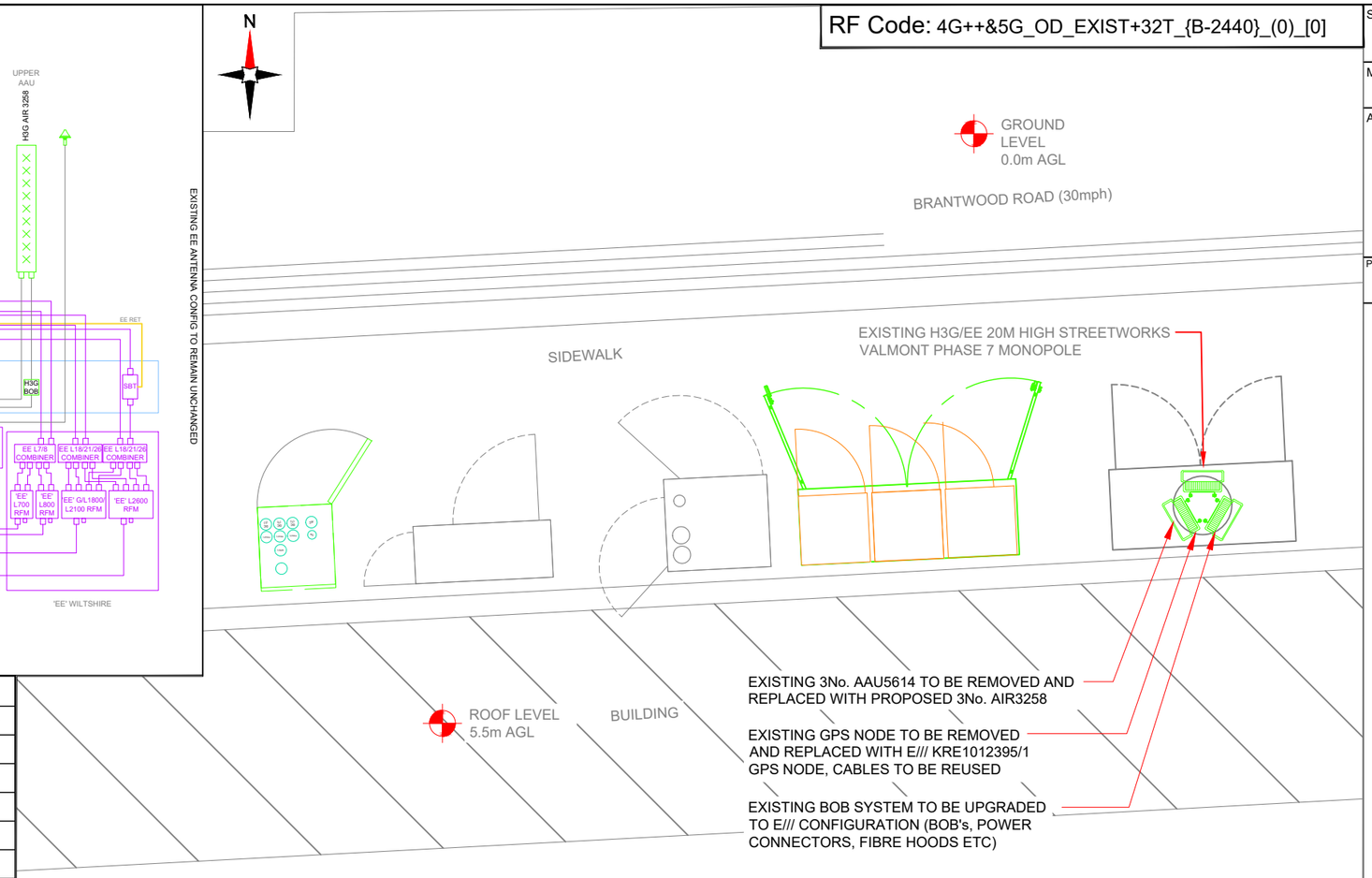


ANTENNA SWAP PLAN

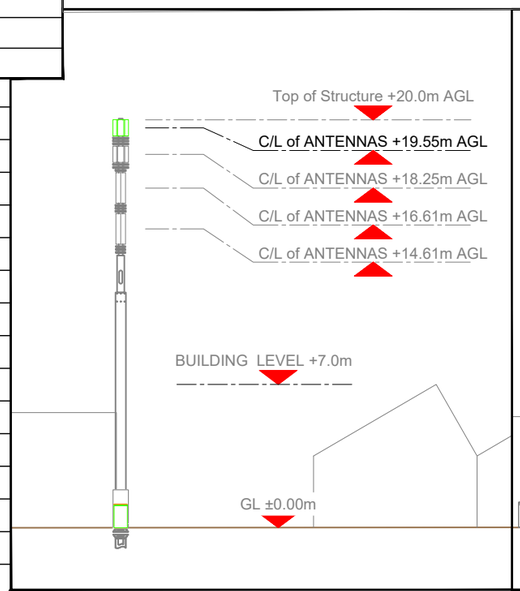
Scale: 0 1:50 1m 2

Feeder Key:

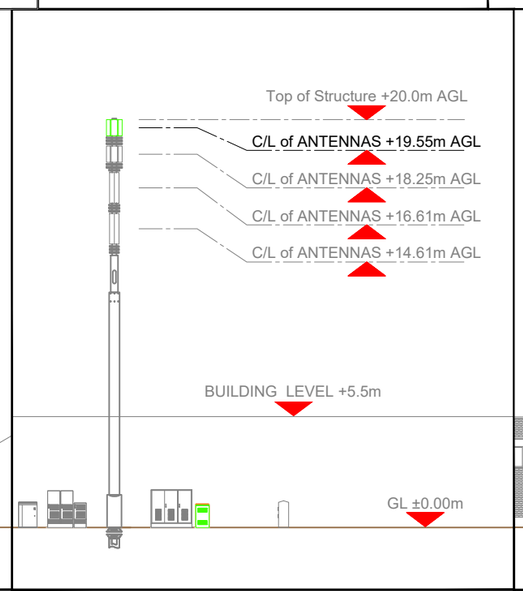
TECHNOLOGY	LINE TYPE	TYPE & LENGTH	LOSSES (-dB)
700/800		-	EX
1400		-	EX
1800/2100		-	EX
U2100		-	EX
3600		-	EX
GPS		-	N/A
Tx		-	N/A
AC POWER		EX + 3m 135mm² CPC	N/A
FIBRE / DC		-	N/A
EARTHING		-	N/A

EXISTING FEEDERS / FIBRE TO BE REUSED

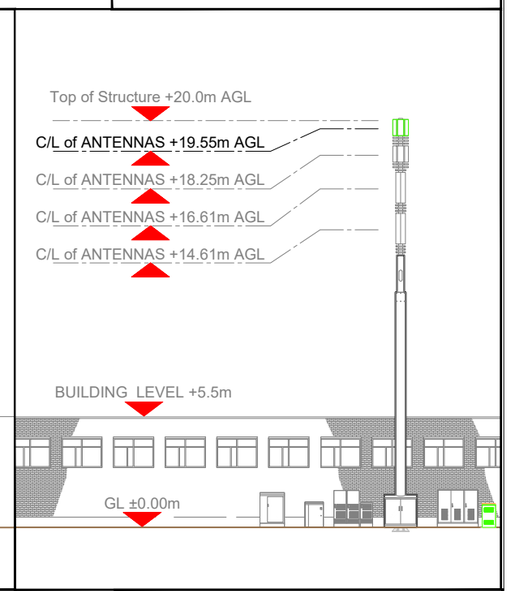
SECTOR	STATUS	MAKE/MODEL
A1: 0° @ 19.55m	REMOVE	H3G - AAU 5614
A1: 0° @ 19.55m	PROPOSED	H3G - AIR3258
A2: 0° @ 18.25m	INSTALLED	EE AEQQ
A3: 0° @ 16.61m	INSTALLED	H3G - RZVV-65A-R4
A4: 0° @ 14.61m	INSTALLED	EE - RZVV-65A-R4
B1: 120° @ 19.55m	REMOVE	H3G - AAU 5614
B1: 120° @ 19.55m	PROPOSED	H3G - AIR3258
B2: 120° @ 18.25m	INSTALLED	EE AEQQ
B3: 120° @ 16.61m	INSTALLED	H3G - RZVV-65A-R4
B4: 120° @ 14.61m	INSTALLED	EE - RZVV-65A-R4
C1: 240° @ 19.55m	REMOVE	H3G - AAU 5614
C1: 240° @ 19.55m	PROPOSED	H3G - AIR3258
C2: 240° @ 18.25m	INSTALLED	EE AEQQ
C3: 240° @ 16.61m	INSTALLED	H3G - RZVV-65A-R4
C4: 240° @ 14.61m	INSTALLED	EE - RZVV-65A-R4



ELEVATION - SECTOR A



ELEVATION - SECTOR B



ELEVATION - SECTOR C

Scale: 0 1:300 5m 12

Site Name: BRANTWOOD ROAD DNS 2

MBNL Cell ID: HGY005

Address: BRANTWOOD ROAD DNS 2 BRANTWOOD ROAD ENFIELD LONDON N17 0DX

Direction to Site/QR Code:

Project: H3G HRV

Site Details:

Site ID:	1019279
Cell ID:	60453
3UK ID:	N0194
Easting	534333
Northing	191658

Site Access:

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Dependencies:

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COOLING: OUTDOOR STREETWORKS CABS
STRUCTURE: WITHIN DESIGN LIMIT OF EXISTING MONOPOLE
MONOPOLE MANUFACTURER: VALMONT

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BEACONCOMMS

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Date:	Drawn:	Checked:	Approved:	Revision:
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ICNIRP Compliance Statement: TD54000V11.0 T&A HS2 STEP 1.0 - CTIL >50M.
PREVIOUSLY TD54000V6.0 T&A HS2 STEP 2.0 ALL SECTORS _ REF: 4409052_1019279_HGY005_60453_N0194_M004_MBNL_AQP_AB1