

Antenna Schedule

SECTOR	MAKE / MODEL	HEIGHT(m)	BEARING(°)	STATUS
A	HUAWEI AAU5811	45.60m	30°	REPLACE
B	HUAWEI AAU5811	45.60m	150°	REPLACE
C	HUAWEI AAU5811	45.60m	270°	REPLACE
A	INTERLEAVED AIR 3218	45.60m	30°	PROPOSED
B	INTERLEAVED AIR 3218	45.60m	150°	PROPOSED
C	INTERLEAVED AIR 3218	45.60m	270°	PROPOSED
A	AOC4518R8v06	45.60m	30°	EXISTING
B	AOC4518R8v06	45.60m	150°	EXISTING
C	AOC4518R8v06	45.60m	270°	EXISTING

Equipment & Technology Key:

CABINET	TECHNOLOGY	STATUS
① FURO	U2100	EXISTING
② EE AIRO	L800/L1800/L2100/L2600/3500	EXISTING
③ Mk5 LINK AC	POWER/ Tx	EXISTING
④ H3G IFS5906 RACK	L800/L1400/L1800/L2100/3600	REPLACE
⑤ 6115 RACK	L700/L800/L1800/L2100/3600	PROPOSED

Feeder Key:

DESCRIPTION	LINE TYPE	LENGTH(m)	LOSSES (dB)
L700/L800	— — — — —	-	-
L1800/2100	— — — — —	-	-
L1400	— — — — —	-	-
3600	— — — — —	-	-
GPS	— — — — —	10m	-
TX	— — — — —	-	-
AC	— — — — —	-	-
FIBRE/DC	— — — — —	2m+30m+2m	-

Please note 1400 ERS will be installed but switched off due to RF Compliance

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

Site Access:

- USE AGORA ONLINE BOOKING SYSTEM - agora.cellnexttelecom.com TO ARRANGEMENT ACCESS
- SITE ACCESS TEAM HOURS MON-FRI 06:00-19:00, SAT-SUN 07:00-14:00 - 020 4526 8568
- OOH 020 4526 8254
- AGORA SITE KNOWN AS GB-6A-000344

Dependencies:

- ASBESTOS - SURVEY No. 94996-27252020 AVAILABLE ON ADC BUILD
- CALS/GDC - LOADING WITHIN CAPACITY, SEE STATEMENT.
- STATS - NOT REQUIRED
- POWER/COOLING - NOT REQUIRED - OUTDOOR SITE
- ICNIRP - PASS - COMPLIANT TO TD54000v11.0

Work Requirement:

- REMOVE EXISTING H3G OFS5906
- INSTALL NEW 6130 RACK
- EXISTING BOB'S ON L RACK TO BE REMOVED AND FITTED TO PROPOSED UNISTRUT FRAME
- EXISTING 3No. 5501 RRU's (18/21), 3No. 5301 RRU's (800), 3No. 5301 RRU'S (1400) TO BE REMOVED AND REPLACED WITH 3No. 700/800 ERS (ADD 700), 3No. 1800/2100 ERS AND 3No. 1400 ERS UNITS ON 3No. ERS RAILS MOUNTED ON SUPPORT POLES ON FREESTANDING FRAME - EXISTING RF TAILS TO BE REUSED
- INSTALL NEW GPS NODE ON EXISTING ANTENNA POLE
- EXISTING FIBRE CABLES TO BE REUSED (COMMSCOPE FA-FWS-E-250 WEATHERPROOFING SHROUD TO BE INSTALLED)
- EXISTING IDC BOBS TO BE REUSED AND UPDATED WITH CONVERSION KIT
- EXISTING 3No. RD0725 PASSIVE ROUTERS TO BE REUSED FOR PROPOSED UPGRADE
- EXISTING 3No. AAU5811 ANTENNAS TO BE REMOVED AND REPLACED WITH 3No. INTERLEAVED AIR 3218 ANTENNAS MOUNTED ON EXISTING STEELWORK
- PROPOSED EQUIPMENT TO BE TIED INTO EXISTING LIGHTNING PROTECTION SYSTEM

Site Photograph

Access Route

Existing Equipment

Structure

ICNIRP Compliance advising document, step or certificate update: TD54000v11.0 / MACRO - V - T&A Step 3.1

Previous Doc Ref. 4746871_1475413_HGY080_94996_N0495_M003_EE_EEVS_AB_A2

Scale: 0 1:100 2m 4

Date:	Drawn:	Checked:	Approved:	Revision:
13.11.23	ALC	LW	WD	A1

NOTE:

FIXIT No. 110663 - RF COMPLIANCE APPROVED

IT HAS BEEN IDENTIFIED THAT THIS SITE ACHIEVES ICNIRP COMPLIANCE AS THERE IS NO PUBLIC OR OCCUPATIONAL ACCESSIBLE AREAS WITHIN THE EXCLUSION ZONES, AND THERE IS NO RF PENETRATION TO ANY NEIGHBOURING STRUCTURES OR BUILDINGS.

NOTE:

PROPOSALS WILL REDUCE THE WIND LOADING ON THE STRUCTURE.

CURRENT ANTENNA - HUAWEI M+P AAU 5811: MAX WIND LOAD 1745N T 150kmh / WEIGHT - 68kg

PROPOSED ANTENNA - INTERLEAVED AIR 3218: MAX WIND LOAD 1606N AT 150kmh / WEIGHT- 59.5kg

CURRENT RRU's

- HW 5501 (18/21):- 25kg
- HW 5301 (800):- 22kg
- HW 5301 (1400):- 22kg

PROPOSED ERS's

- ERS (7/8):- 38kg / 301N FRONT & 115N SIDE
- ERS (14):- 24kg / 275N FRONT & 78N SIDE
- ERS (18/21):- 32.5kg / 320N FRONT & 90N SIDE

REF: 4566763_94996 - HAMPDEN ROAD - Mounting Steelwork Check

Site Name:

HAMPDEN ROAD

Site ID:

1475413

Cell ID:

94996

MBNL Cell ID:

HGY080

3UK Cell ID:

N0495

Address:

HAMPDEN ORAD
HORNSEY
HARINGEY
LONDON
N8 0HX

Direction to Site/QR Code:

Project:

H3G HRV

NGR:

E:530970 N:189263

Three's Head Office
Green Park
450 Longwater Avenue
Reading
RG30 3UR

