SITE LOCATION (SCALE 1:1250)

THESE DRAWINGS COMPLY WITH STANDARD ICNIRP DESIGN GUIDELINES. 3km 5km

SCALE 1:50000

SITE LOCATION

SITE LOCATION (SCALE 1:50000)



LOCATION PHOTOGRAPH

DIRECTIONS TO SITE:

HEADING SOUTH ON M1

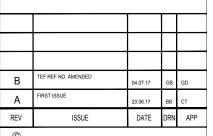
AT THE END OF THE MOTORWAY CONTINUE STRAIGHT ON TO STAPLES CORNER THEN TAKE THE FIRST EXIT AT THE ROUNDABOUT ON TO A5 EDGWARE ROAD. FOLLOW A5 EDGEWARE ROAD FOR 4.3 MILES THEN BEAR LEFT AND CONTINUE ON TO A501 MARYLEBONE ROAD. AFTER 1.6 MILES TURN RIGHT ON TO A4200 UPPER WOBURN PLACE. AFTER 0.7 MILES TURN LEFT ON TO A40 THEOBALDS ROAD AND THEN IMMEDIATELY TURN LEFT ON TO OLD GLOUCESTER STREET. THE SITE WILL BE ON THE LEFT HAND SIDE AS THE ROAD NAME CHANGES TO QUEEN SQUARE.

GENERAL NOTES:

1.1) USE WRITTEN DIMENSIONS ONLY 1.2) ALL DIMENSIONS ARE IN MM UNLESS

1.3) ASSUME ALL SITE DETAILS ARE EXISTING UNLESS SPECIFIED

<u>DEPENDENCIES</u>				
CHERRY PICKER SURVEY	NO			
STAT SEARCH	NO			
TRIAL DIG	NO			
GEOTECH	NO			
GDC	NO			
BOLT PULL-OUT TEST	NO			
STRUCTURAL CALCULATIONS	NO			
BUILDING REGULATIONS	NO			
ELECTRICAL LOAD TEST	NO			
REC SERVICE ALTERATION	NO			
COMMS SERVICE ALTERATION	NO			
ASBESTOS SURVEY	YES			
ANTENNA TESTING	NO			
COOLING CALCULATIONS	NO			



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CRAVEN COURT STANHOPE ROAD CAMBERLEY SURREY GU15 3BS

TEL: +44(0)1276 854440 FAX: +44(0)1276 854450



OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR:

DRAWING TITLE: SITE LOCATION MAPS

SCALE: AS SHOWN

SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE

HOLBORN LONDON

WC1N 3AH

OS GRID REFERENCE:

530359/181912

APP: CT DRAWN: BB CHK: CT

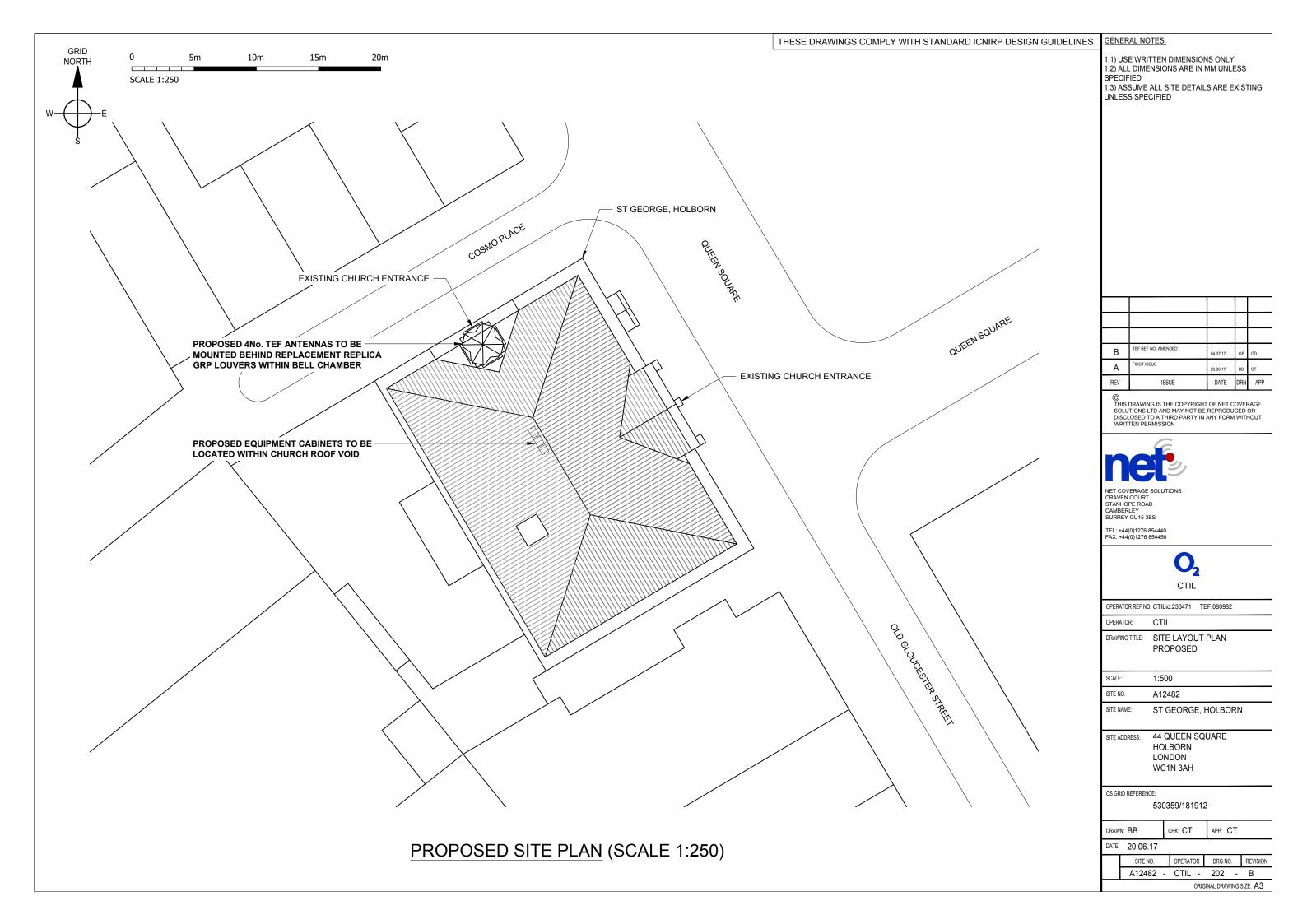
DATE: 20.06.17

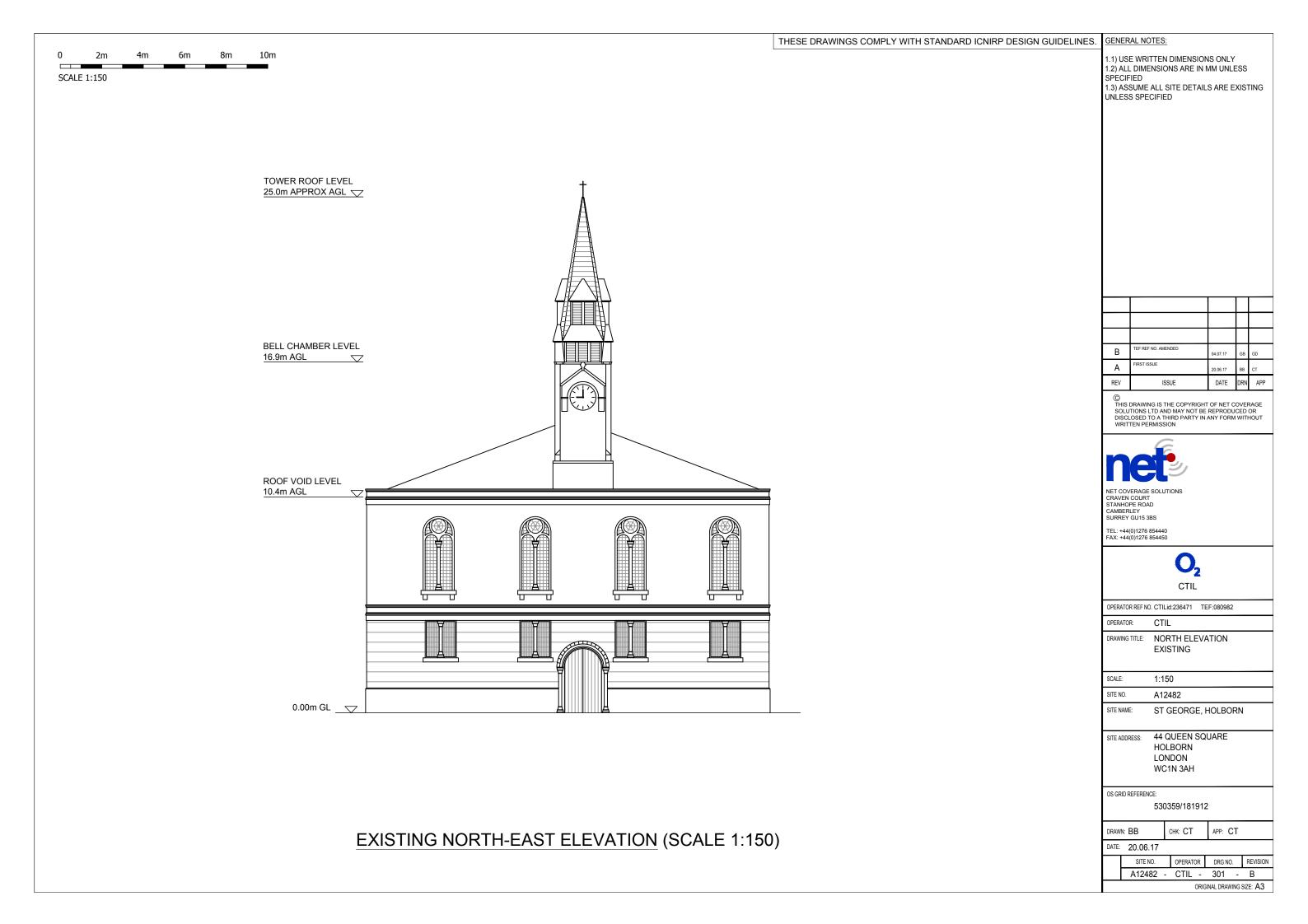
DRG NO. REVISION OPERATOR A12482 - CTIL - 100 - B ORIGINAL DRAWING SIZE: A3

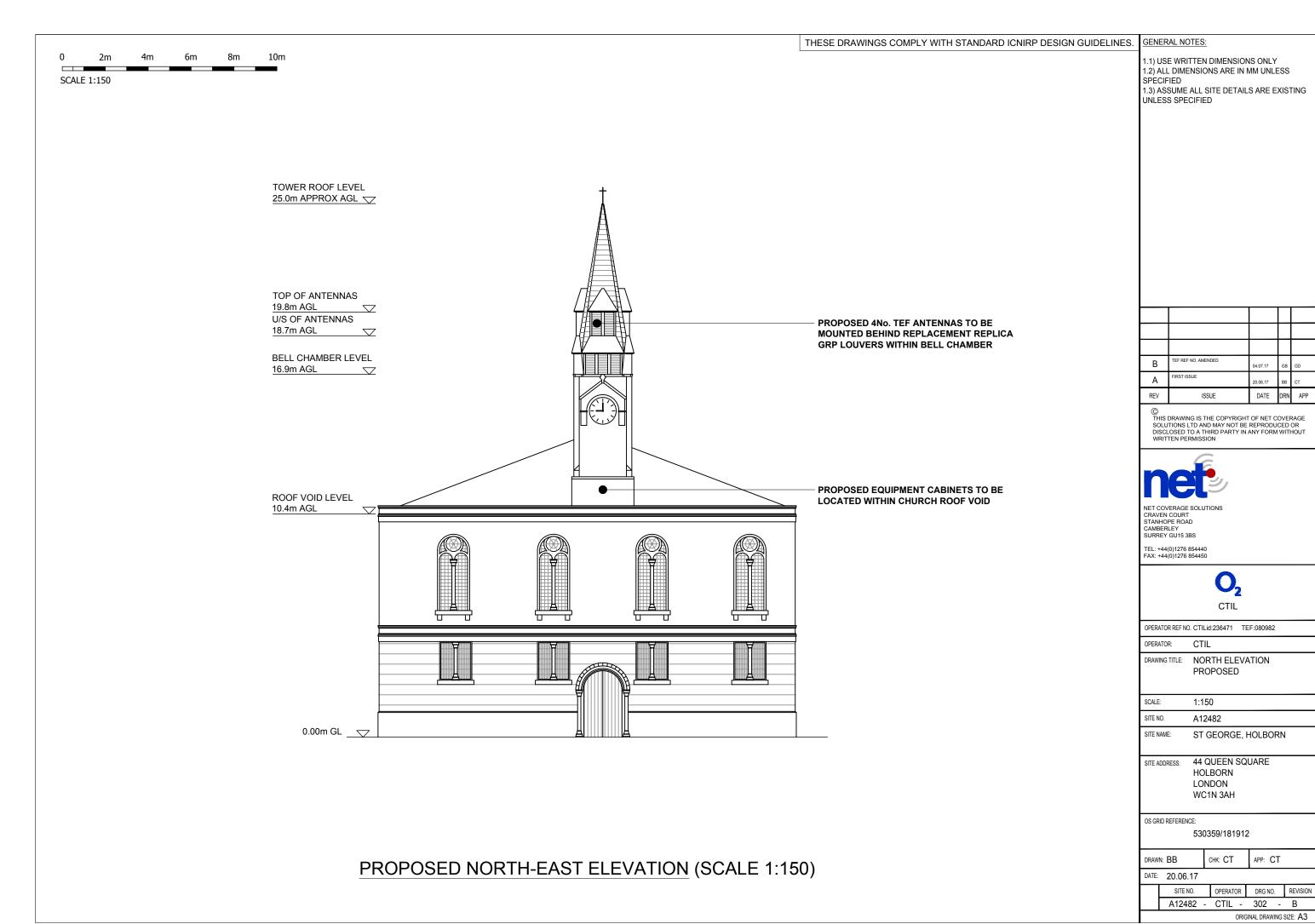
ALL MAPS OBTAINED VIA PROMAP. ORDNANCE SURVEY © CROWN COPYRIGHT 2017. ALL RIGHTS RESERVED. LICENCE NUMBER 100022432.

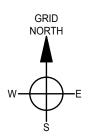
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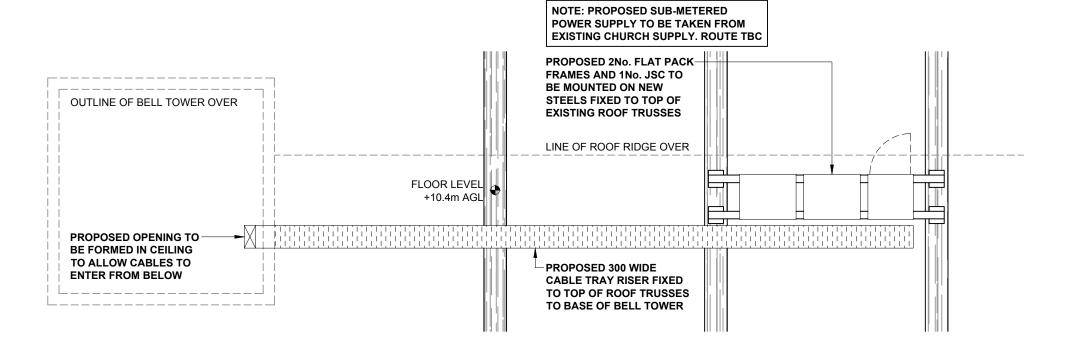








0 1m 2m 3m 4m 5m SCALE 1:50



GENERAL NOTES:

1.1) USE WRITTEN DIMENSIONS ONLY 1.2) ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED 1.3) ASSUME ALL SITE DETAILS ARE EXISTING UNLESS SPECIFIED

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OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR: CTIL

DRAWING TITLE: ROOF VOID EQUIPMENT PLAN PROPOSED

SCALE: 1:50
SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE HOLBORN LONDON

WC1N 3AH

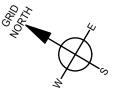
OS GRID REFERENCE:

530359/181912

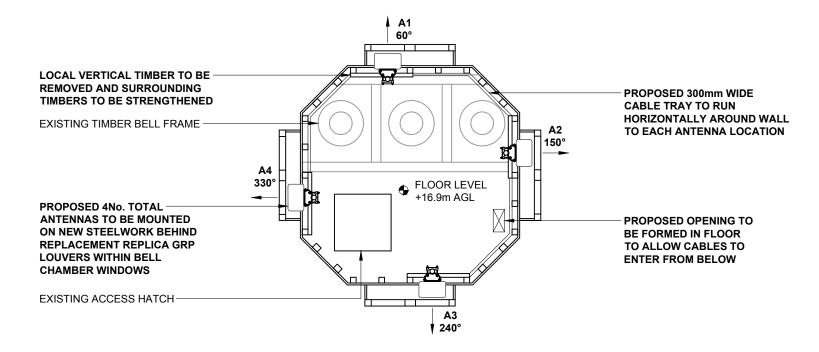
DRAWN: BB CHK: CT APP: CT

DATE: 20.06.17

PROPOSED ROOF VOID PLAN (SCALE 1:50)



1m 2m 3m 4m 5m SCALE 1:50



PROPOSED BELL CHAMBER PLAN (SCALE 1:50)

GENERAL NOTES:

1.1) USE WRITTEN DIMENSIONS ONLY 1.2) ALL DIMENSIONS ARE IN MM UNLESS 1.3) ASSUME ALL SITE DETAILS ARE EXISTING UNLESS SPECIFIED

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OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR:

DRAWING TITLE: BELL CHAMBER PLAN PROPOSED

SCALE: 1:50

SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE

HOLBORN LONDON WC1N 3AH

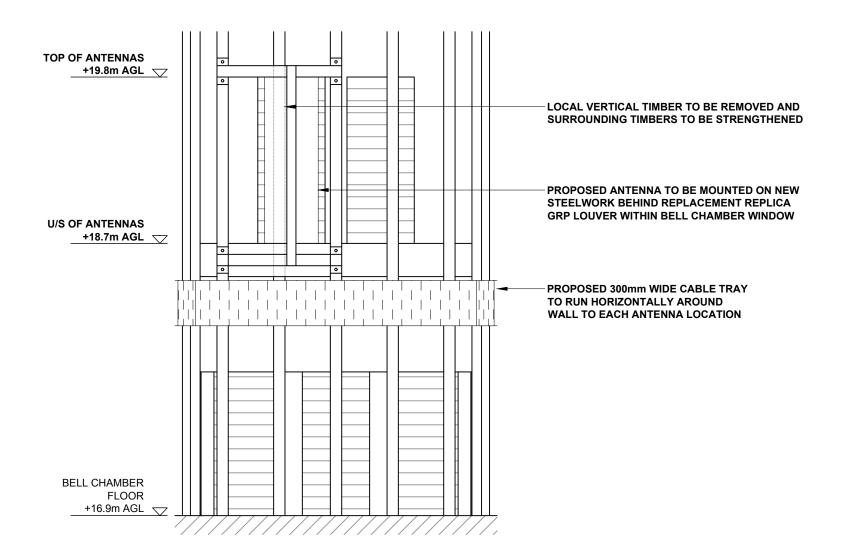
OS GRID REFERENCE:

530359/181912

снк: СТ APP: CT DRAWN: BB

DATE: 20.06.17

DRG NO. REVISION SITE NO. OPERATOR A12482 - CTIL - 402 - B ORIGINAL DRAWING SIZE: A3

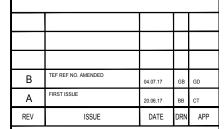


PROPOSED INTERNAL ANTENNA ELEVATION (SCALE 1:25) ALL 4 SECTORS SIMILAR

0 1m 2m 3n
SCALE 1:25

GENERAL NOTES:

1.1) USE WRITTEN DIMENSIONS ONLY 1.2) ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED 1.3) ASSUME ALL SITE DETAILS ARE EXISTING UNLESS SPECIFIED



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OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR: C7

DRAWING TITLE: ANTENNA ELEVATION PROPOSED

SCALE: 1:25

SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE HOLBORN

LONDON WC1N 3AH

OS GRID REFERENCE: 530359/181912

DRAWN: BB CHK: CT APP: CT

DATE: 20.06.17

 SITE NO.
 OPERATOR
 DRG NO.
 REVISION

 A12482
 CTIL
 403
 B

ORIGINAL DRAWING SIZE: A3

CONFIGURATION: LONDON GENERAL DESIGN CONFIG. CODE: LGD-M-E1a-F EXISTING & PROPOSED ANTENNA SCHEDULE (EXISTING EQUIPMENT SHOWN GREY) FEEDER/DC/FIBRE MHA's/RRU's/BIAS T's/JUMPERS/COMBINERS ANTENNAS RFM TO COMBINER JUMPER LENGTH (TOBEWTHINMAX LENGTH ALLOWED AS PER CTIL DESIGN SPEC) FEEDERS MHA NSN ANTENNA HEIGHT HEIGHT HEIGHT LOCATION STATUS COMMENTS COMBINERS LENGTH & DIAMETER E'SSON QTY T REF. MANUFACTURERS TO U/S (POLE MOUNTED, HEADFRAME, (COAX QTY ANTENNA (HIGH LEVEL) LOW LEVEL IN TO TOP TO C/L (SEE GUIDANCE NOTES BELOW) QTY JUMPER OR CABINET. LENGTH (RTOPS (m) WITHIN SHROUD ETC) & GFIELDS) MF(J1) MF(J2) TOTAL MF1 EX'TNG PROP $\frac{1}{2}$ "=2 29m COAX 2 800/900 A1a COMMSCOPE TEF 1GU09 7"=25m $\frac{1}{2}$ "=2 CVVPX304R3 POLE 60° 19.8 18.7 19.25 NEW Q-CODE: MOUNTED TEF 1L18 7 = 25m 2 A1b 25m COAX 2m 65DUU11C6 TEF 1U21 $\frac{7}{8}$ "=25m 25m COAX 2 2m A1c TEF 2L08 ₹"=20m $\frac{1}{2}$ "=2 2 ½"=2 A2a 24m COAX 800/900 COMMSCOPE TEF 2GU09 ½"=2 CVVPX304R3 POLE 150° 19.8 18.7 19.25 NEW MOUNTED Q-CODE: TEF 2L18 7=20m 20m COAX 2 2m A2b 65DUU11C6 A2c TEF 2 2U21 7"=20m 20m COAX 2m TEF 3L08 7/8"=20m ½"=2 2 $\frac{1}{2}$ "=2 24m COAX 800/900 A3a COMMSCOPE TEF $\frac{1}{2}$ "=2 3GU09 7/8"=20m CVVPX304R3 POLE 240° 19.8 18.7 19.25 NEW Q-CODE: MOUNTED TEF 3L18 7"=20m COAX 2 2m A3b 65DUU11C6 2 A3c TEF 3U21 7"=20m 20m COAX 2m 4L08 7"=25m $\frac{1}{2}$ "=2 TEF 2 A4a ½"=2 800/900 29m COAX COMMSCOPE 4GU09 | 7/8 = 25m ½"=2 TEF CVVPX304R3 POLE 19.8 18.7 NEW 330° 19.25 Q-CODE: MOUNTED 2 TEF 4L18 7=25m 25m COAX 2m A4b 65DUU11C6

2m

A4c

EQUIPMENT SCHEDULE								
STATUS	STATUS OPERATOR MANUFACTURER TYPE SIZE COLOUR COMMENTS							
PROPOSED	TEF	NSN	FLATPACK RACK x 2	600x600x2000	STANDARD	2No UNITS TO HOUSE TEF FLEXI MODULES		
PROPOSED	TEF	COMMSCOPE	JSC	600x600x1420	STANDARD	TO HOUSE TRANSMISSION		

TEF

4U21 7/8"=25m

25m

COAX

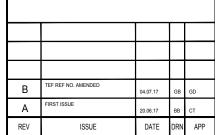
2

	POWER SUPPLY SOURCE							
STATUS	STATUS OPERATOR MANUFACTURER TYPE SIZE COLOUR COMMENTS							
PROPOSED	-	-	-	-	-	SUB-METERED SINGLE PHASE LANDLORD SUPPLY		

		TRANSMISSION ENCLOSURE				
STATUS	ENCLOSURE	TRANSMISION SOLUTION MICROWAVE ONLY/FIBRE ONLY (WITH PROVIDER NAME)/ MICROWAVE + FIBRE (WITH PROVIDER NAME)	U SPACE AVAILABLE	CURRENT TRANSMISSION KIT LOCATION	PROPOSED TRANSMISSION KIT LOCATION	COMMENTS
PROPOSED	JSC	TBC	9U+	-	Х	-

GENERAL NOTES:

1.1) USE WRITTEN DIMENSIONS ONLY 1.2) ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED 1.3) ASSUME ALL SITE DETAILS ARE EXISTING UNLESS SPECIFIED



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OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR: CTIL

DRAWING TITLE: ANTENNA AND EQUIPMENT SCHEDULE PROPOSED

SCALE: N/A

SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE

HOLBORN LONDON WC1N 3AH

OS GRID REFERENCE:

530359/181912

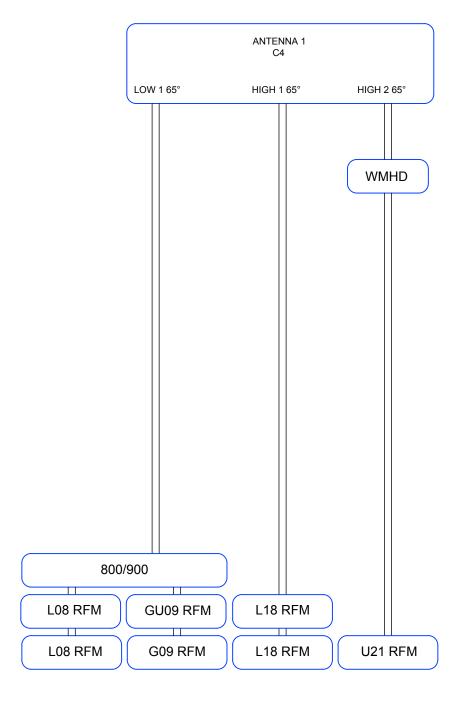
DRAWN: BB CHK: CT APP: CT

DATE: 20.06.17

SITE NO.	OPERATOR	DRG NO.	REVISION
A12482 -	CTIL -	501 -	В
	ORIO	GINAL DRAWING	SIZE: A3

AN	TENNA REFERENCE KEY	FUNCTION KEY			STATUS KEY	OPER/	ATOR KEY	FEEDER LENGTH & DIAMETER GUIDANCE NOTES
A=	ANTENNA GROUP (A-Z)	1=	SECTOR (2,3 etc)	NEW =	NEW ONTO SITE	VF =		TOTAL DISTANCE MEASURED FROM MHA TO BTS CABINET. NOTE: FOR STREET POLES THE TOTAL IS TO
1=	CELL No. (1, 2, 3)	U=	UMTS (G=GSM) (L=LTE)	EXISTING =	ON SITE AND NOT BEING MOVED	TEF =	TELEFONICA	INCLUDE THE \$\frac{3}{5} FEEDER (TEF) & \$\frac{1}{2} FEEDER (VFU21) PRE-RIGGED IN THE POLE. IF FEEDER DIAMETER VARIES THE LENGTHS ARE TO BE ITEMISED SEQUENTIALLY IN THE COLUMNS FROM THE ANTENNA MHA TO THE BTS
b=	UNIQUE BAND REFERENCE	21=	2100 BAND (09=0900,18=1800)	RE-USE =	ON SITE BUT BEING MOVED			AS FOLLOWS: MAIN FEEDER, MAIN FEEDER JUMPER 1, MAIN FEEDER JUMPER 2. TOTAL LENGTH

LONDON GENERAL DESIGN - LGD-M-E1a-F



ANTENNA SCHEMATIC

GENERAL NOTES:

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OPERATOR REF NO. CTILid:236471 TEF:080982

OPERATOR:

DRAWING TITLE: ANTENNA SCHEMATIC PROPOSED

SCALE: N/A

SITE NO. A12482

SITE NAME: ST GEORGE, HOLBORN

SITE ADDRESS: 44 QUEEN SQUARE HOLBORN

LONDON WC1N 3AH

OS GRID REFERENCE:

530359/181912

снк: СТ APP: CT DRAWN: BB

DATE: 20.06.17

SITE NO. DRG NO. REVISION OPERATOR A12482 - CTIL - 502 - B

ORIGINAL DRAWING SIZE: A3