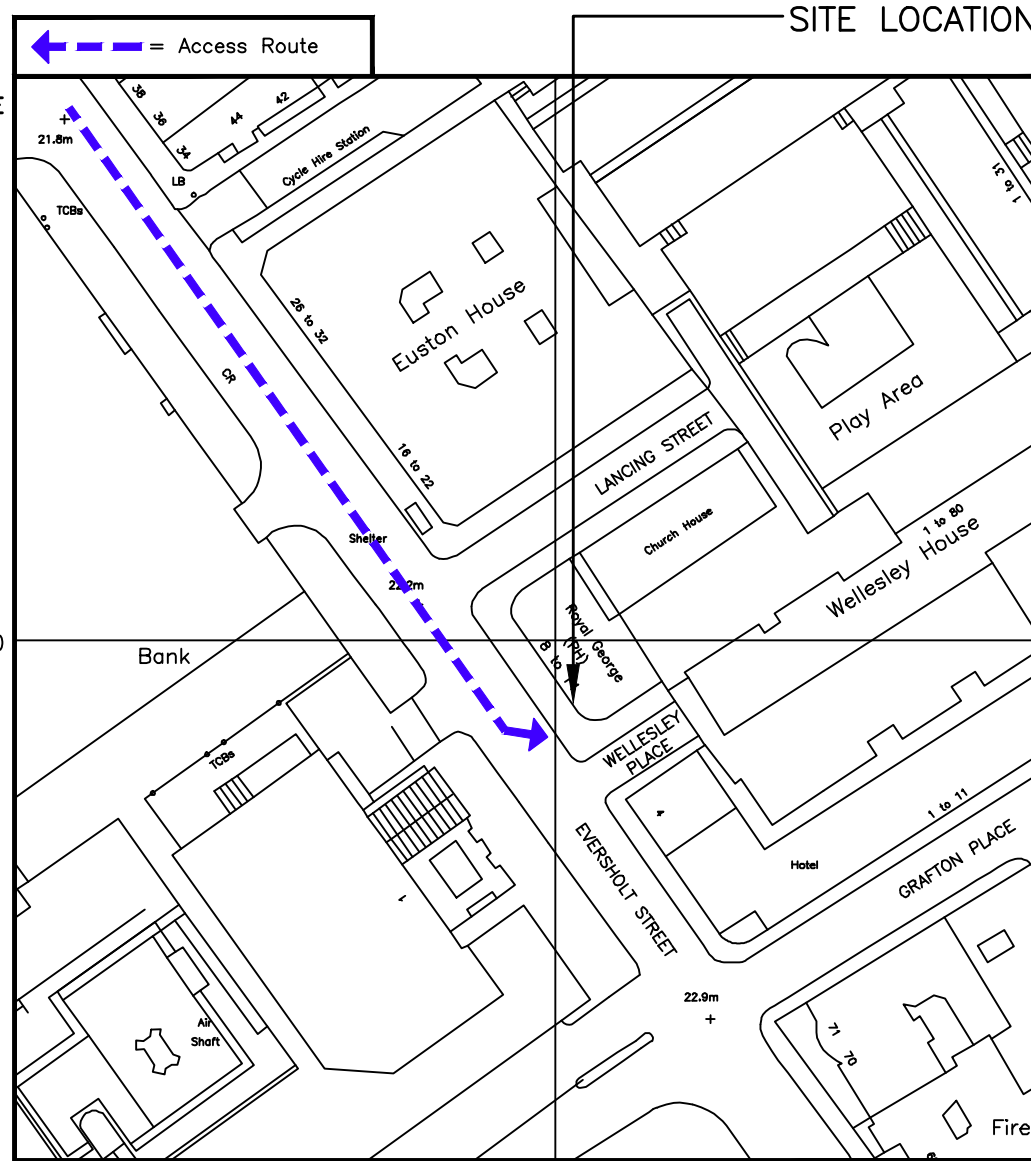
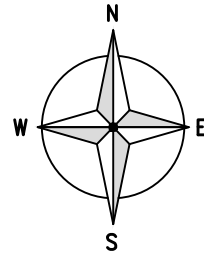






**SITE LOCATION**  
(Scale 1:50000)

Ordnance Survey map extract based upon Landranger map series with the permission of the controller of Her Majesty's Stationery Office. Crown copyright.



**DETAILED SITE LOCATION**  
(Scale 1:1250)

Based upon Ordnance Survey map extract with the permission of the Controller of Her Majesty's Stationery Office. Crown copyright.



**SITE PHOTOGRAPH**

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 N: 182701

**DIRECTIONS TO SITE:**  
HEAD SOUTH ON M1. TAKE A41, ADELAIDE RD/B509 AND A400 TO EVERSOLT ST/A4200 SLIGHT LEFT TOWARDS IN CIRCULAR RD. USE THE RIGHT 2 LANES TO TAKE THE A406 (E) SLIP ROAD TO WOOD GREEN/GOLDERS GREEN/C. LONDON/N. CIRCULAR. MERGE ONTO N CIRCULAR RD. USE THE 2ND FROM THE LEFT LANE TO TAKE THE A41 SLIP ROAD TO AYLESBURY/CENTRE LONDON W. AT THE ROUNDABOUT, TAKE THE 3RD EXIT TOWARDS C. LONDON/KILBURN/CRICKLEWOOD. TAKE THE SLIP ROAD ONTO BRENT CROSS FLYOVER/A41. CONTINUE TO FOLLOW A41 FOR 3.0 MILES. TURN LEFT ONTO ADELAIDE RD/B509 FOR 0.9 MILES. TURN RIGHT ONTO HAVERSTOCK HILL/A502. CONTINUE TO FOLLOW A502 FOR 0.6 MILES. USE THE LEFT 2 LANES TO TURN SLIGHTLY RIGHT ONTO CAMDEN ST/A4200. CONTINUE TO FOLLOW A400 FOR 0.8 MILES. TURN LEFT ONTO EVERSOLT ST/A4200. ROYAL GEORGE WILL BE ON THE LEFT.

NOTES:

A | Original Issue

Rev: | Change Description:

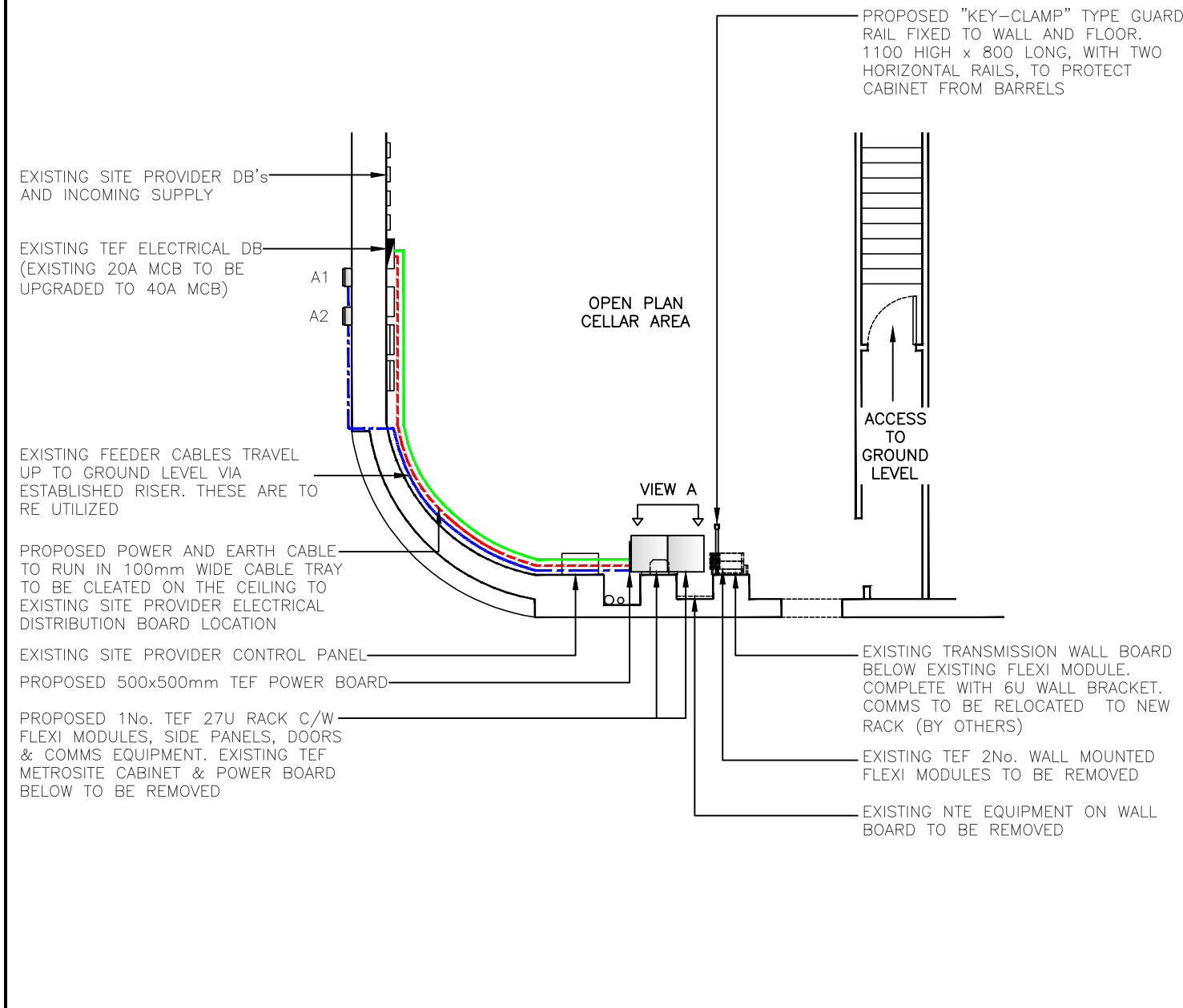
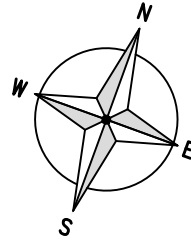
**THIS DESIGN HAS BEEN PRODUCED IN ACCORDANCE WITH THE TELEFONICA O2 UK ICNIRP GUIDELINES - SPECIFICALLY O2 UK RADIO DESIGN DATASHEET 0013.**



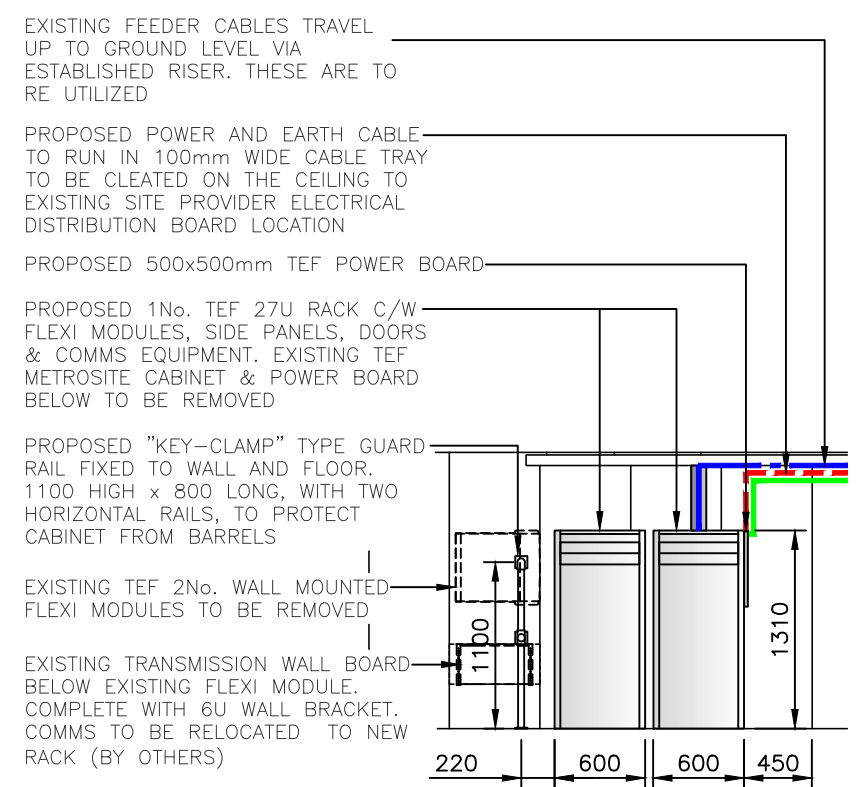
Independent House, Imberhorne Lane, East Grinstead, West Sussex, RH19 1TU  
Tel: +44 (0) 1342 305038 Web: www.iwireless-solutions.com



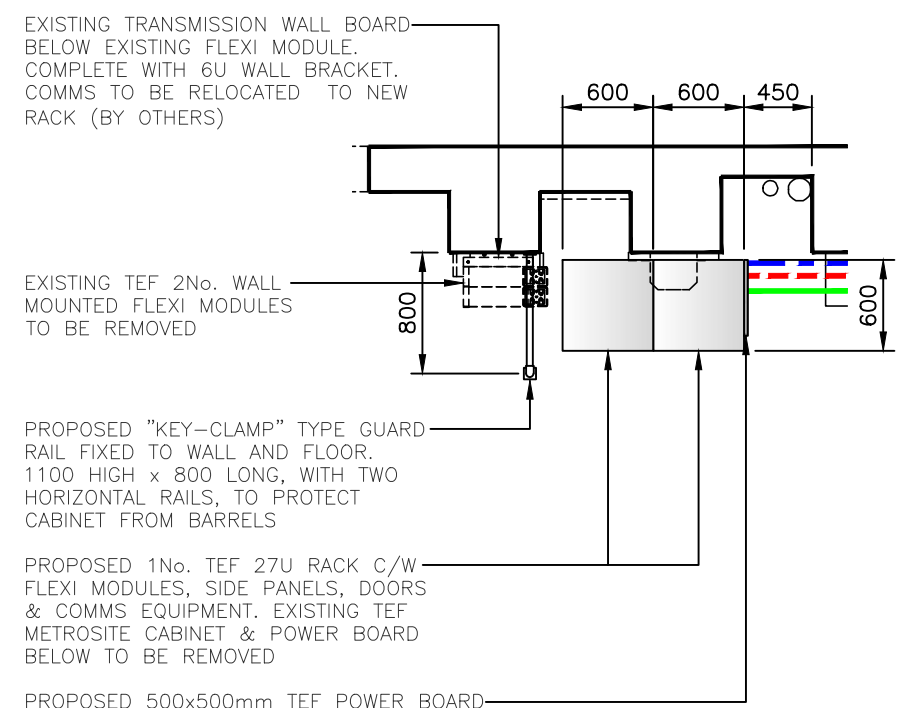
Cell Name		Opt.
ROYAL GEORGE PH		A
CTIL Reference	O2 CSR	
(CTIL) 141278	8346	
Site Address / Contact Details		
ROYAL GEORGE PH 8-14 EVERSOLT STREET EUSTON, LONDON NW1 1DG		
Drawing Title: SITE LOCATION MAPS		
Purpose of issue: DETAIL DESIGN		
Drawing Number: 100		
Original Sheet Size: A3		Issue:
Checked: CDN	Date: 17.10.17	A



**BASEMENT PLAN**  
(1:100)



**PROPOSED EQUIPMENT ELEVATION**  
VIEW A (1:50)



**PROPOSED EQUIPMENT PLAN**  
(1:50)

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 N: 182701

- NOTES:
- THE SYSTEM IS DESIGNED TO MEET THE REQUIREMENTS SPECIFIED IN O2 RADIO DATASHEET: 1101: MICROCELL DESIGN, DEPLOYMENT AND DATA BUILD GUIDELINES.
  - COOLING NOT REQUIRED – LARGE OPEN PLAN CELLAR AREA

- KEY:
- GPS CABLE TBC
  - FEEDER CABLE
  - EARTH CABLE
  - POWER CABLE

B	Amended due to the site being a listed building. Existing antennas are being replaced.
A	Original Issue
Rev:	Change Description:

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**iwireless SOLUTIONS**

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Cell Name	Opt.
ROYAL GEORGE PH	A
CTIL Reference	O2 CSR
(CTIL) 141278	8346

**Site Address / Contact Details**

ROYAL GEORGE PH  
8-14 EVERSOLT STREET  
EUSTON, LONDON  
NW1 1DG







Drawing Title:	SITE PLAN	
Purpose of issue:	DETAIL DESIGN	
Drawing Number:	200	
Original Sheet Size:	A3	Issue:
Checked:	CDN	Date:
		27.10.17
		B

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 | N: 182701

NOTES:

KEY:

-  GPS CABLE TBC
-  FEEDER CABLE
-  EARTH CABLE
-  POWER CABLE
-  PROPOSED ANTENNA LOCATIONS
-  EXISTING ANTENNA LOCATIONS

B Amended due to the site being a listed building. Existing antennas are being replaced.

A Original Issue

Rev: Change Description:

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Cell Name | Opt.

ROYAL GEORGE PH | A

CTIL Reference | O2 CSR

(CTIL) 141278 | 8346

Site Address / Contact Details

ROYAL GEORGE PH  
8-14 EVERSOLT STREET  
EUSTON, LONDON  
NW1 1DG

Drawing Title: ANTENNA ELEVATION

Purpose of issue: DETAIL DESIGN

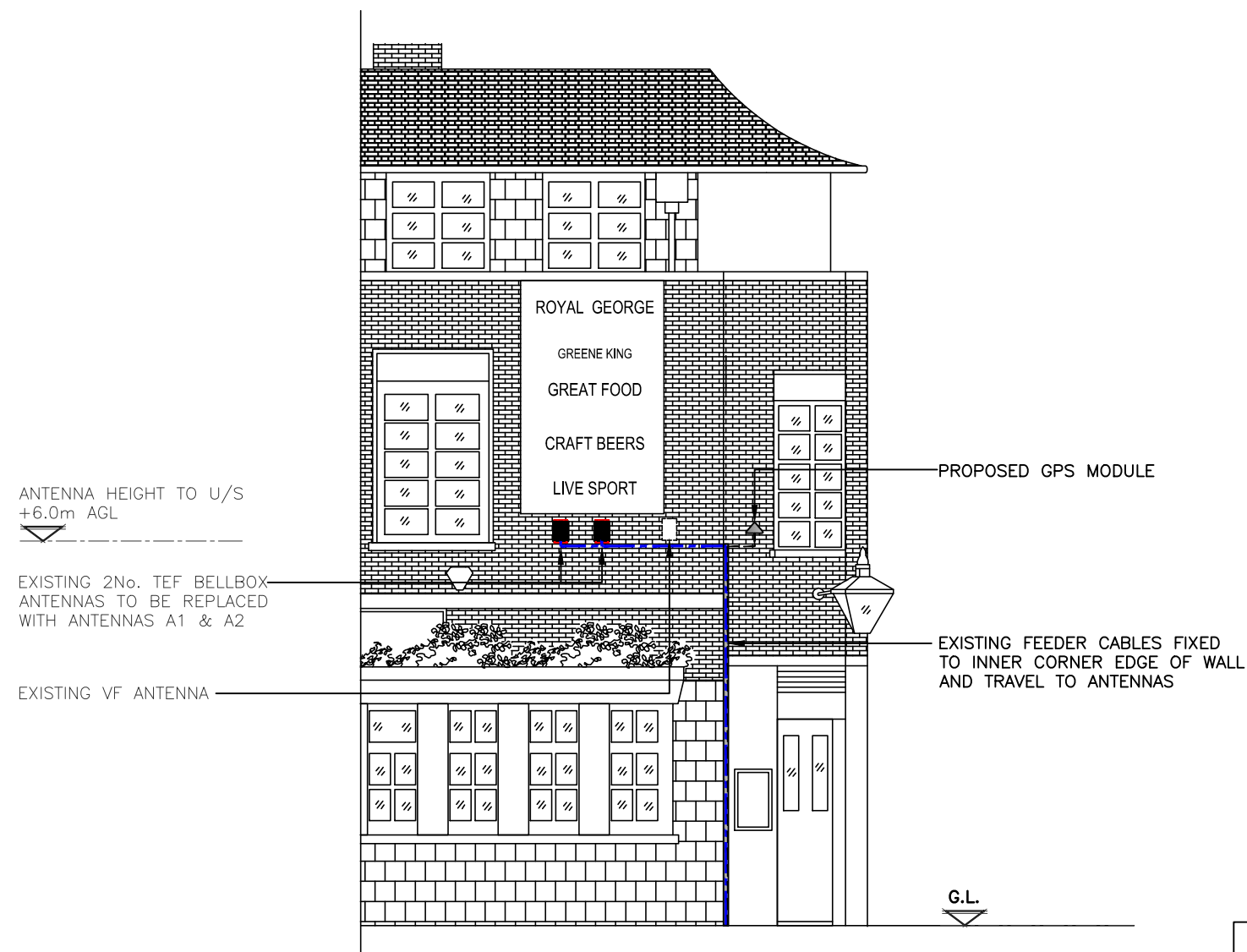
Drawing Number: 300

Original Sheet Size: A3 | Issue:

Checked: CDN | Date: 30.10.17 | B



EXISTING ANTENNA A1 & A2 TO BE REPLACED

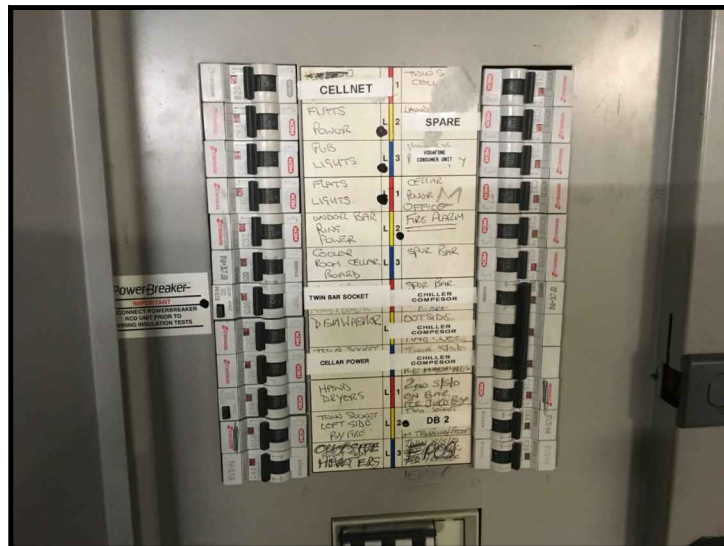


PROPOSED ANTENNA ELEVATIONS  
SCALE (1:100)

PROPOSED ANTENNAS ARE TO BE PAINTED TO MATCH BRICKWORK.



VIEW A – PROPOSED 27U RACK LOCATION, EXISTING REF EQUIPMENT TO BE REMOVED/RELOCATED



EXISTING SITE PROVIDER DISTRIBUTION BOARD



EXISTING SITE PROVIDER DISTRIBUTION BOARD



PROPOSED INTERNAL CABLE ROUTE 1



PROPOSED INTERNAL CABLE ROUTE 2



PROPOSED EXTERNAL CABLE ROUTE 3



PROPOSED EXTERNAL CABLE ROUTE 4



EXISTING GROUND LEVEL RISER BOXING FROM BASEMENT



EXISTING ANTENNAS LOCATION

SITE PHOTOGRAPHS

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 | N: 182701

NOTES:

A | Original Issue

Rev: | Change Description:

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ROYAL GEORGE PH	A

CTIL Reference	O2 CSR
(CTIL) 141278	8346

Site Address / Contact Details	
ROYAL GEORGE PH 8-14 EVERSOLT STREET EUSTON, LONDON NW1 1DG	

Drawing Title: | SITE PHOTOGRAPHS

Purpose of issue: | DETAIL DESIGN

Drawing Number: | 400

Original Sheet Size: | A3 | Issue:

Checked: | CDN | Date: | 17.10.17 | A

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 | N: 182701

NOTES:

A | Original Issue

Rev: | Change Description:

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Cell Name

Opt.

ROYAL GEORGE PH

A

CTIL Reference

O2 CSR

(CTIL) 141278

8346

Site Address / Contact Details

ROYAL GEORGE PH  
8-14 EVERSOLT STREET  
EUSTON, LONDON  
NW1 1DG

Drawing Title:  
SITE PHOTOGRAPHS – PANORAMICS

Purpose of issue:  
DETAIL DESIGN

Drawing Number:  
401

Original Sheet Size:  
A3

Issue:

Checked:  
CDN

Date:  
17.10.17

A



PANORAMIC PHOTO 1 (160°)



PANORAMIC PHOTO 2 (210°)



PANORAMIC PHOTO 3 (260°)



PANORAMIC PHOTO 4 (320°)

SITE PHOTOGRAPHS – PANORAMICS

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 | N: 182701

NOTES:

KEY:

- GPS CABLE TBC
- FEEDER CABLE
- EARTH CABLE
- POWER CABLE
- Nm CONNECTOR
- 43-10m CONNECTOR
- 43-10f CONNECTOR
- DINm RA CONNECTOR
- ATTENUATORS

B Amended due to the site being a listed building. Existing antennas are being replaced.

A Original Issue

Rev: Change Description:

**THIS DESIGN HAS BEEN PRODUCED IN ACCORDANCE WITH THE TELEFONICA O2 UK ICNIRP GUIDELINES - SPECIFICALLY O2 UK RADIO DESIGN DATASHEET 0013.**



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CTIL Reference | O2 CSR

(CTIL) 141278 | 8346

Site Address / Contact Details

ROYAL GEORGE PH  
8-14 EVERSOLT STREET  
EUSTON, LONDON  
NW1 1DG

Drawing Title: RF SCHEMATIC

Purpose of issue: DETAIL DESIGN

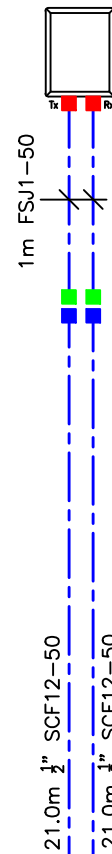
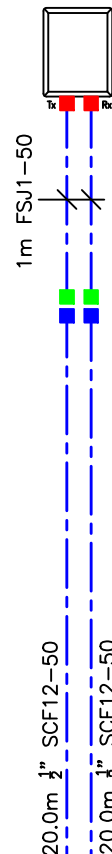
Drawing Number: 500

Original Sheet Size: A3 | Issue: B

Checked: CDN | Date: 30.10.17

ANTENNA 1  
ANTENNA TYPE: 7824500TEFOS  
TECHNOLOGY: L08/L18  
HEIGHT: 6.0m (U/S)  
ORIENTATION: 235°  
ICNIRP: OCCUPATIONAL  
EXPOSURE RATING: 0.558

ANTENNA 2  
ANTENNA TYPE: 7824500TEFOS  
TECHNOLOGY: U09/L21  
HEIGHT: 6.0m (U/S)  
ORIENTATION: 235°  
ICNIRP: OCCUPATIONAL  
EXPOSURE RATING: 0.798



PROPOSED GPS MODULE



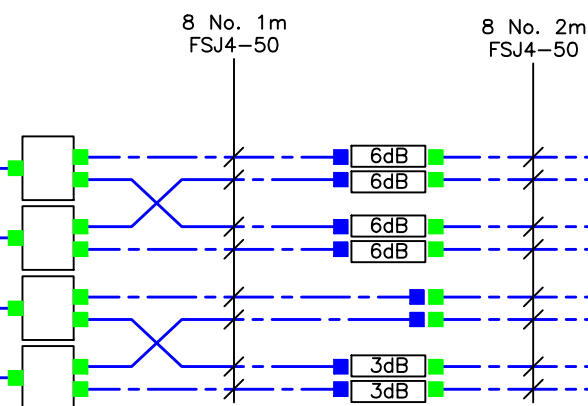
SIZE/TYPE TBC

TEF MICROCELL 27U RACK LAYOUTS

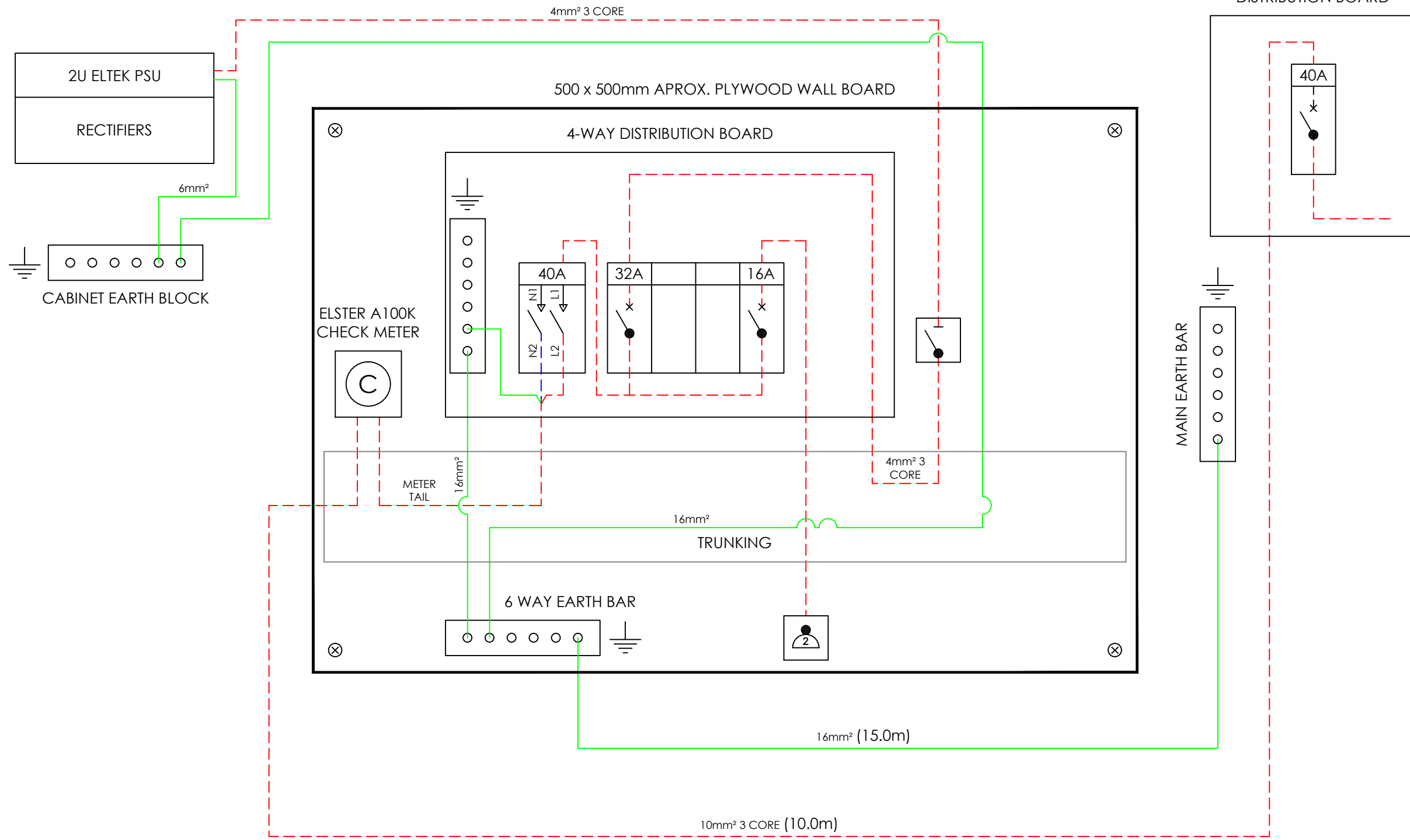
DUAL CAB 2 LAYOUT	DUAL CAB 1 LAYOUT
5U - RESERVED FOR COMBINER SHELF	5U - RESERVED FOR COMBINER SHELF
SPARE	6U TRANSMISSION SPACE
SPARE	2U ELTEK PSU
L08 FRMA	SPARE
L18 FXEB	SPARE
L08 FRMF	L08/L18/L21 FSMF
L21 FRGT	U09/U09SC FSMF
U09 FXDB	

8 No. 1m FSJ4-50

8 No. 2m FSJ4-50



RF SCHEMATIC  
(N.T.S.)




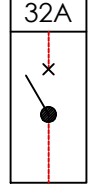


ELECTRICAL SCHEMATIC

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 529695 | N: 182701

NOTES:

- KEY:
-  32A ROTARY ISOLATOR
  -  1 WAY LIGHT SWITCH
  -  13A TWIN SWITCHED SOCKET OUTLET
  -  32A MINIATURE CIRCUIT BREAKER

A | Original Issue  
 Rev: | Change Description:

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Cell Name	Opt.
ROYAL GEORGE PH	A

CTIL Reference	O2 CSR
(CTIL) 141278	8346

Site Address / Contact Details  
 ROYAL GEORGE PH  
 8-14 EVERSOLT STREET  
 EUSTON, LONDON  
 NW1 1DG

Drawing Title: ELECTRICAL SCHEMATIC

Purpose of issue: DETAIL DESIGN

Drawing Number: 501

Original Sheet Size: A3 | Issue:

Checked: CDN | Date: 17.10.17 | A



