	CORNERSTONE – LONDON			Pack Issue:	Option:
	Cell Name: –			A	–
	CORNERSTONE	TEF	VF	Site Address – – – – –	
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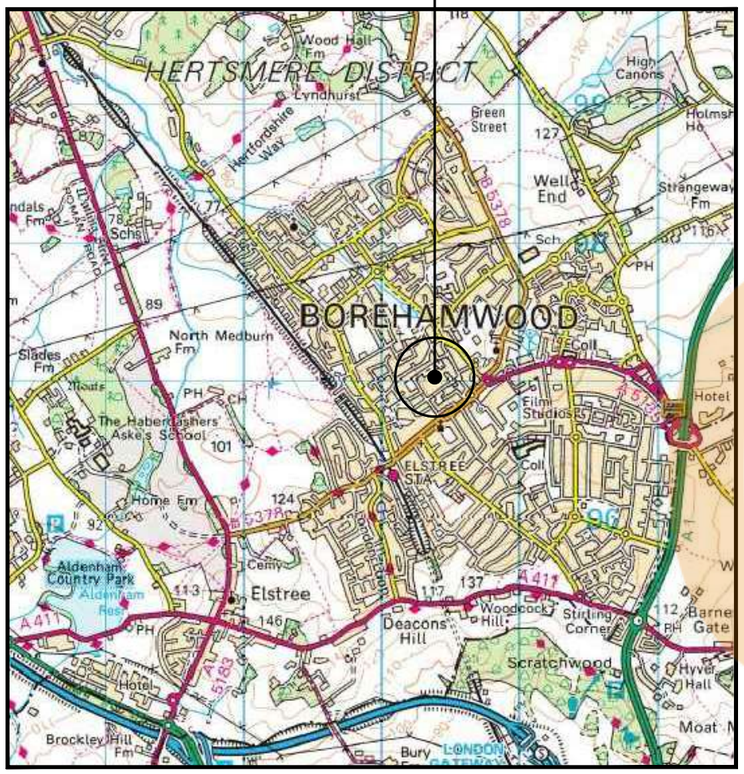
Drawing Name	Drawing No	Date	Date	Date	Date	Date	Date	Date
		–						
		1st Issue	Revision	Revision	Revision	Revision	Revision	Revision
Site Location Maps	100	A						
Lease Drawing	101	A						
Existing Site Plan	200	A						
Proposed Site Plan	201	A						
Existing Site Elevation	300	A						
Proposed Site Elevation	301	A						
Antenna Plan	400	A						
Equipment Layout	401	A						
Occupational ICNIRP Exclusion Zone Plan	402	A						
Occupational Exclusion Zone Elevation	403	A						
Public ICNIRP Exclusion Zone Plan	404	A						
Public ICNIRP Exclusion Zone Elevation	405	A						
Existing Antenna Schedule (1of2)	500	A						
Existing Antenna Schedule (2of2)	501	A						
Proposed Antenna Schedule (1of2)	502	A						
Proposed Antenna Schedule (2of2)	503	A						
R.F. System Schematic	504	A						
Equipment Schedule (1of2)	505	A						
Equipment Schedule (2of2)	506	A						

Company	Name	Issued						
Acquisition/Planning	–	✓						
TEF Radio Planner	–	✓						
Principal Designer (ICS)	TEF Design Inbox	✓						

SITE LOCATION



0 1km 2km
Scale

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
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SITE PHOTOGRAPH

N
W E
S

= Right of Access

= Public Access Route

SITE LOCATION

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.
Licence No. 100020449

50 0 50 100 150

ORIGINAL SCALE AT A3 – 1:1250 ALL DIMENSIONS IN METRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DIRECTIONS TO SITE:
FROM M1 JUNCTION 5, TAKE THE A41 EXIT TO WATFORD FOR 0.4 MILES. AT THE ROUNDABOUT, TAKE THE 2ND EXIT ONTO THE A41 RAMP TO LONDON/ HARROW/ WATFORD (SOUTH) FOR 0.3 MILES. MERGE ONTO N WESTERN AVE/A41 CONTINUE TO FOLLOW N WESTERN AVE GO THROUGH 1 ROUNDABOUT FORO 2.7 MILES. AT THE ROUNDABOUT, TAKE THE 1ST EXIT ONTO ELSTREE RD/A411 CONTINUE TO FOLLOW A411 FOR 1.0 MILES. TURN LEFT ONTO ROMAN RD/A5183 CONTINUE TO FOLLOW A5183 FOR 0.4 MILES. TURN RIGHT ONTO ALLUM LN/B5378 CONTINUE TO FOLLOW B5378 GO THROUGH 3 ROUNDABOUTS FOR 1.1 MILES. AT THE ROUNDABOUT, TAKE THE 1ST EXIT ONTO CLARENDON RD FOR 0.1 MILES. TURN RIGHT AT ESSEX RD, SITE WILL BE ON THE RIGHT IN 0.1 MILES.

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: SITE LOCATION MAPS

Purpose of issue: PLANNING — Dwg Rev:

Drawing Number: 100 — A

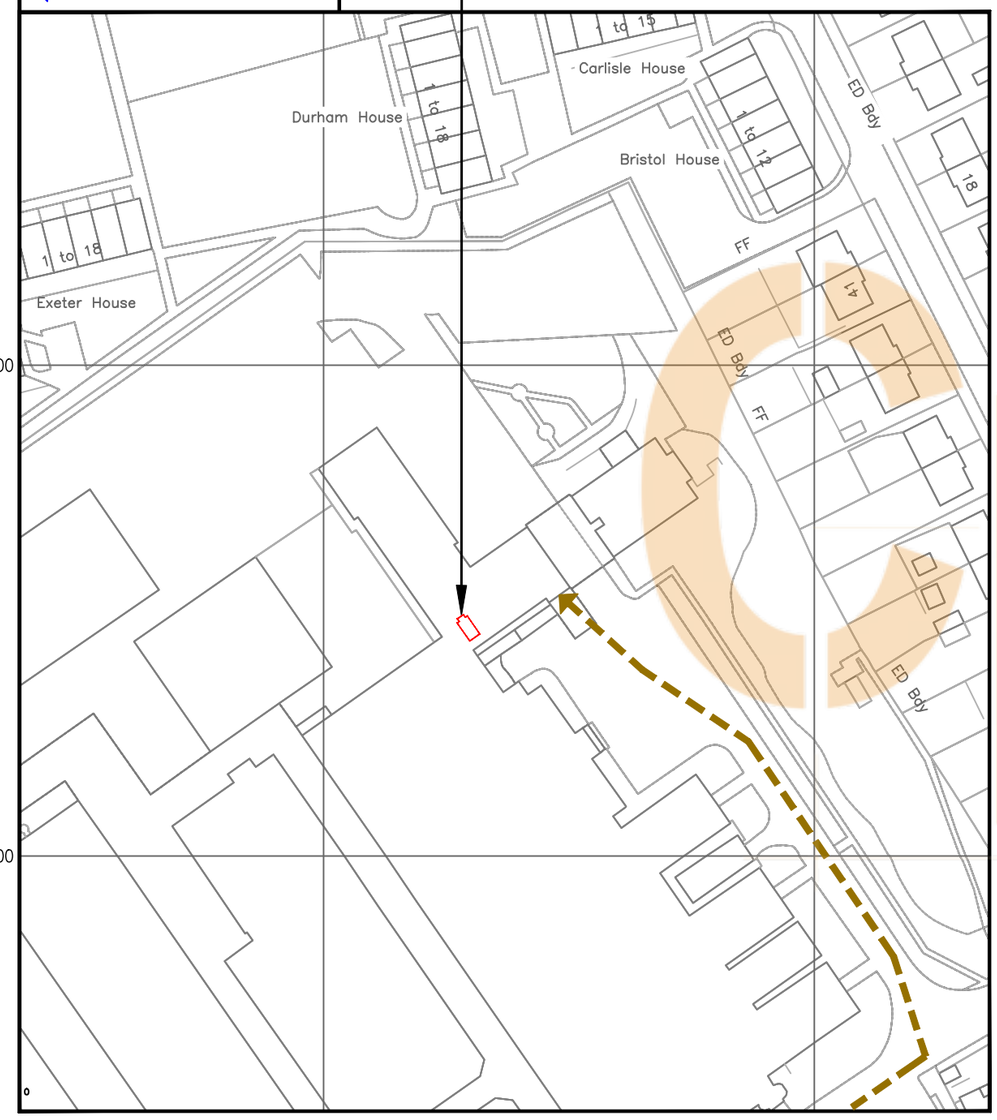
Surveyed By: – | Original Sheet Size: A3 | Pack Issue:

Drawn: – | Date: – | Checked: – | Date: – | A

= Right of Access

= Public Access Route

SITE LOCATION



DETAILED SITE LOCATION

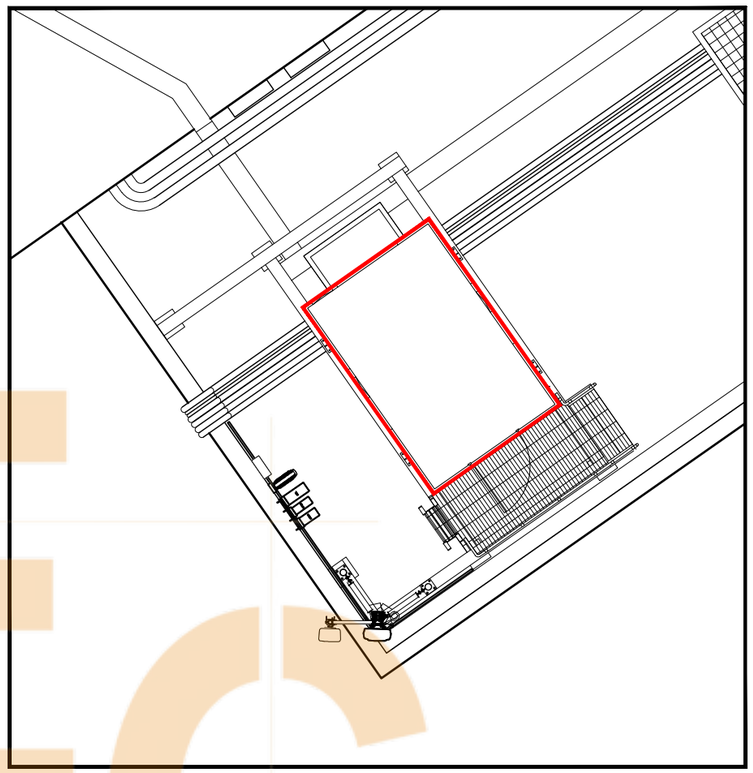
(Scale 1:1250)

Based upon Ordnance Survey map extract with the permission of the Controller of Her Majesty's Stationery Office. Crown copyright. Licence No. 100020449

50 0 50 100 150

ORIGINAL SCALE AT A3 – 1:1250 ALL DIMENSIONS IN METRES

N W E S



DEMISE PLAN

(1:100)

5000 0 5000 10000

ORIGINAL SCALE AT A3 – 1:100 ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.

Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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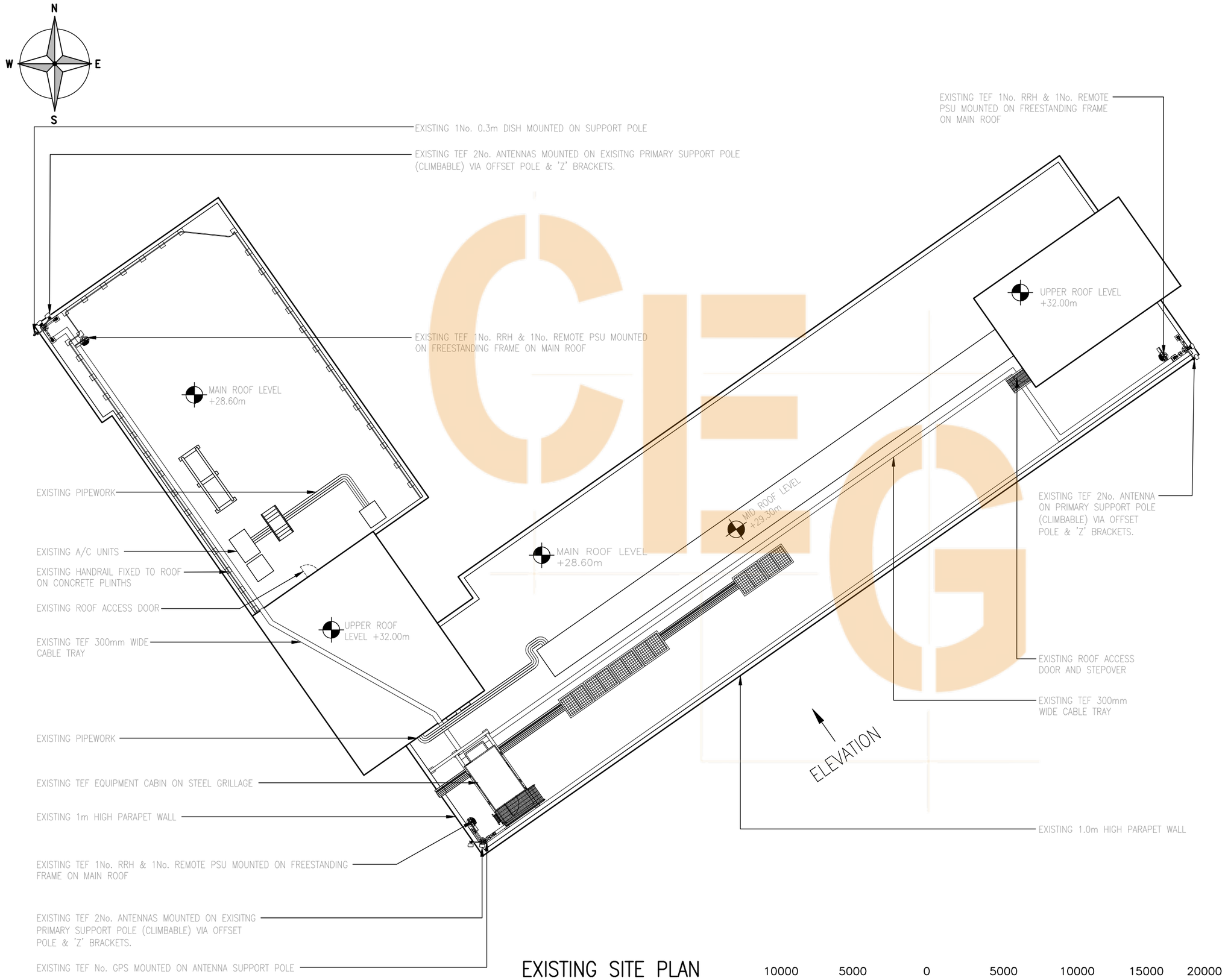
Drawing Title: LEASE DRAWING

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 101

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –



EXISTING SITE PLAN
(1:250)

10000 5000 0 5000 10000 15000 20000

ORIGINAL SCALE AT A3 – 1:250 ALL DIMENSIONS IN MILLIMETRES

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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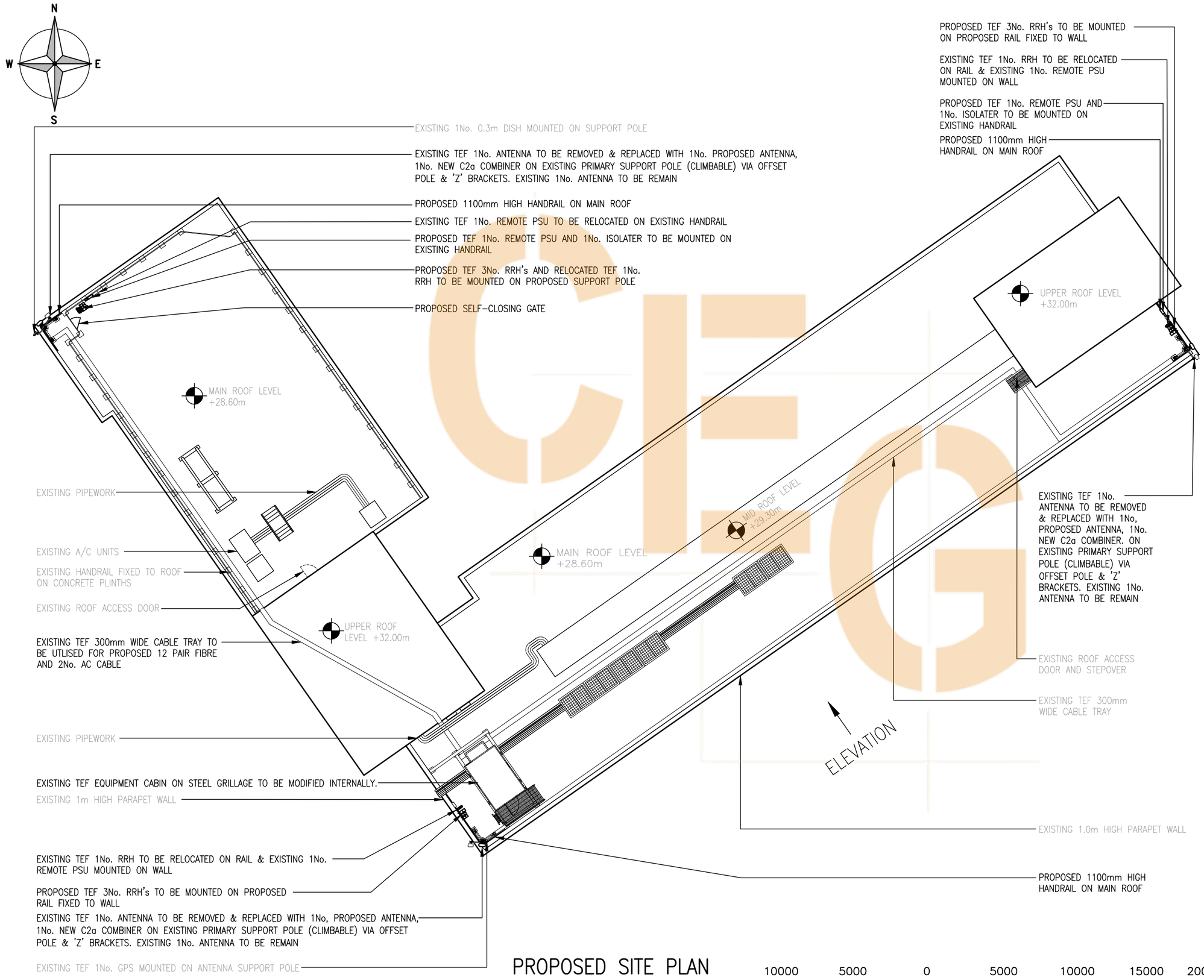
Drawing Title: EXISTING SITE PLAN

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 200

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –



PROPOSED SITE PLAN
(1:250)

10000 5000 0 5000 10000 15000 20000

ORIGINAL SCALE AT A3 – 1:250 ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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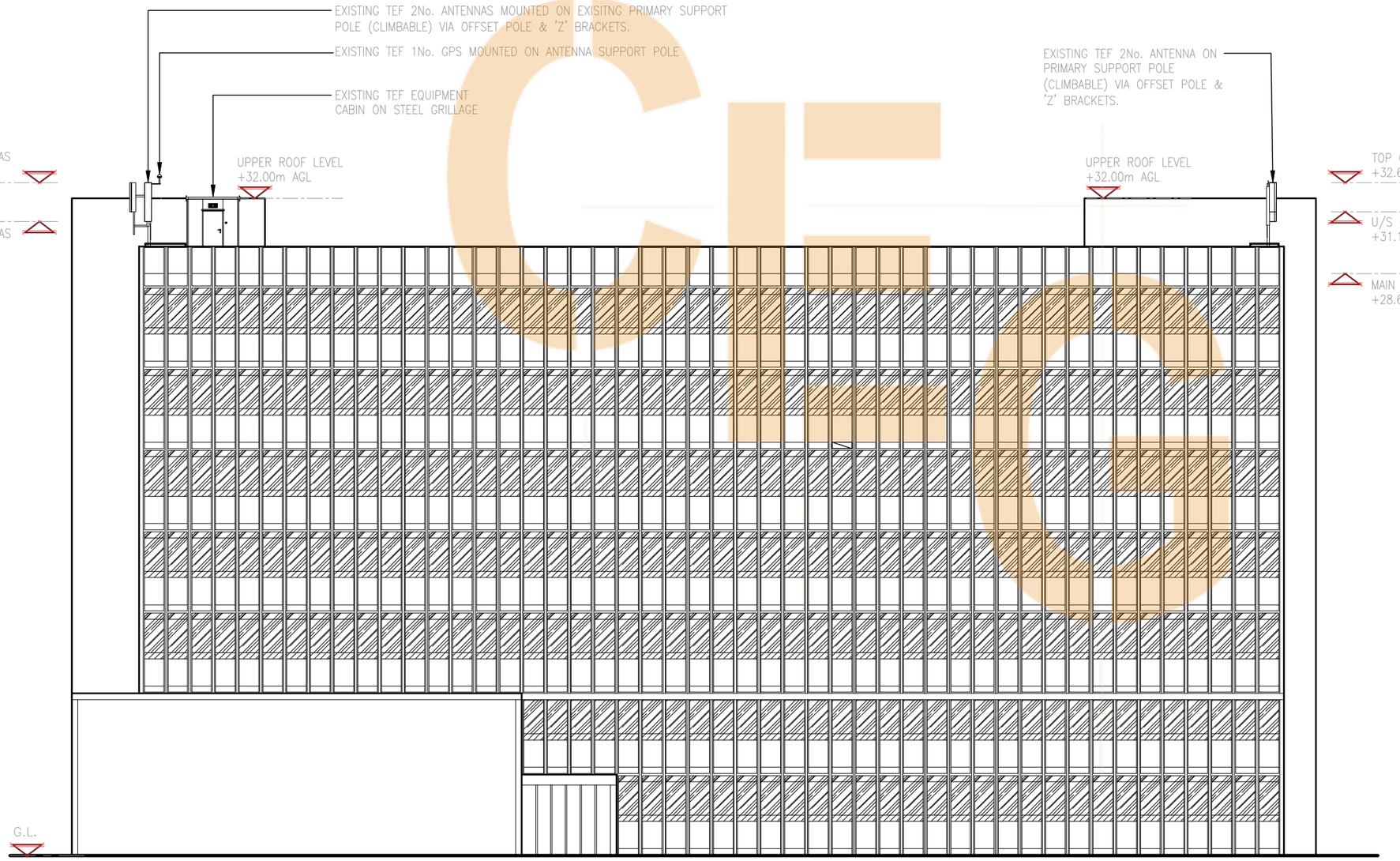
Drawing Title: PROPOSED SITE PLAN

Purpose of issue: PLANNING — Dwg Rev:

Drawing Number: 201 — A

Surveyed By: – | Original Sheet Size: A3 | Pack Issue:

Drawn: – | Date: – | Checked: – | Date: – | A



EXISTING SOUTH EAST ELEVATION
(1:250)

10000 5000 0 5000 10000 15000 20000

ORIGINAL SCALE AT A3 – 1:250 ALL DIMENSIONS IN MILLIMETRES

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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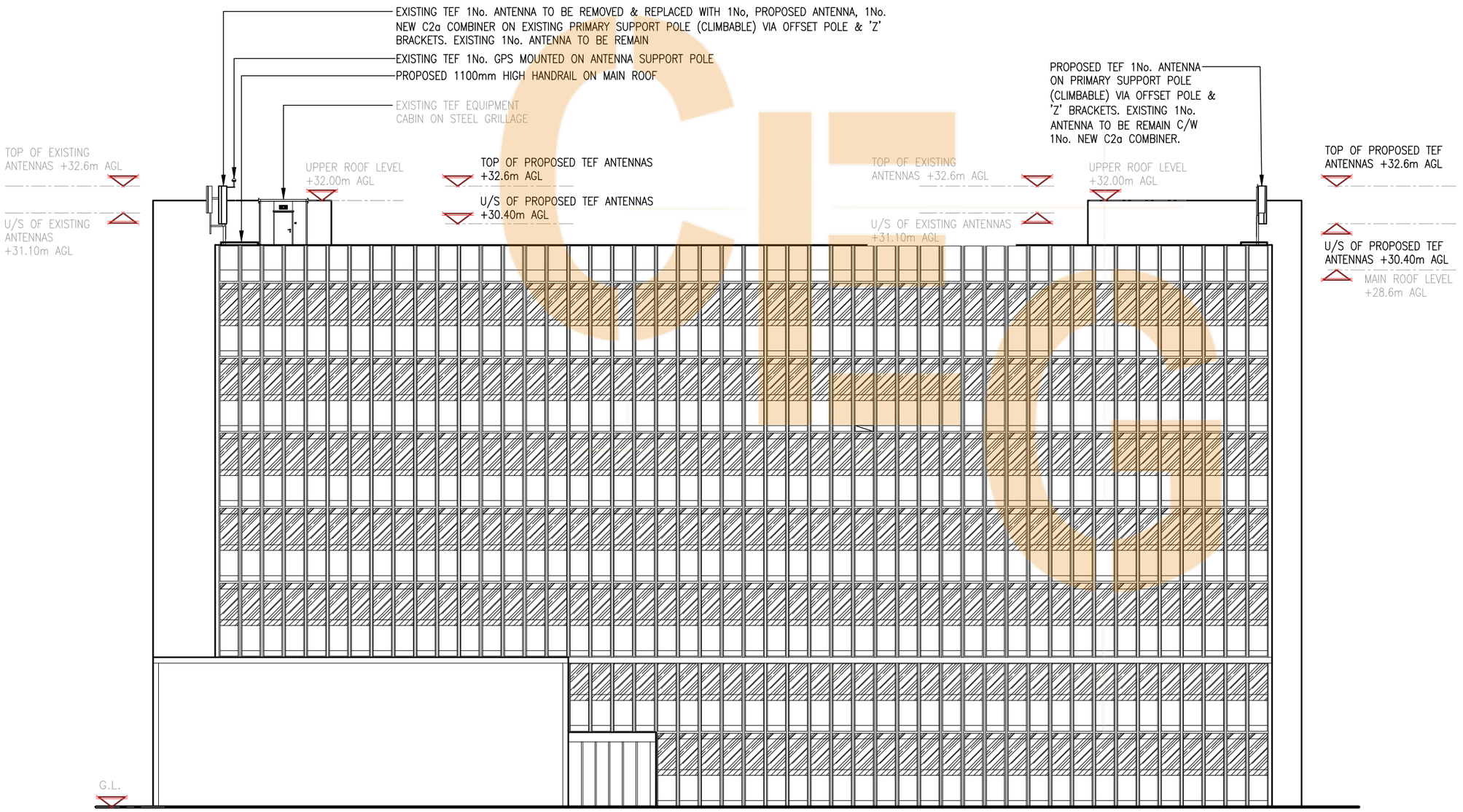
Drawing Title: EXISTING SITE ELEVATION

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 300

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –



PROPOSED SOUTH EAST ELEVATION

(1:250)

10000 5000 0 5000 10000 15000 20000

ORIGINAL SCALE AT A3 – 1:250 ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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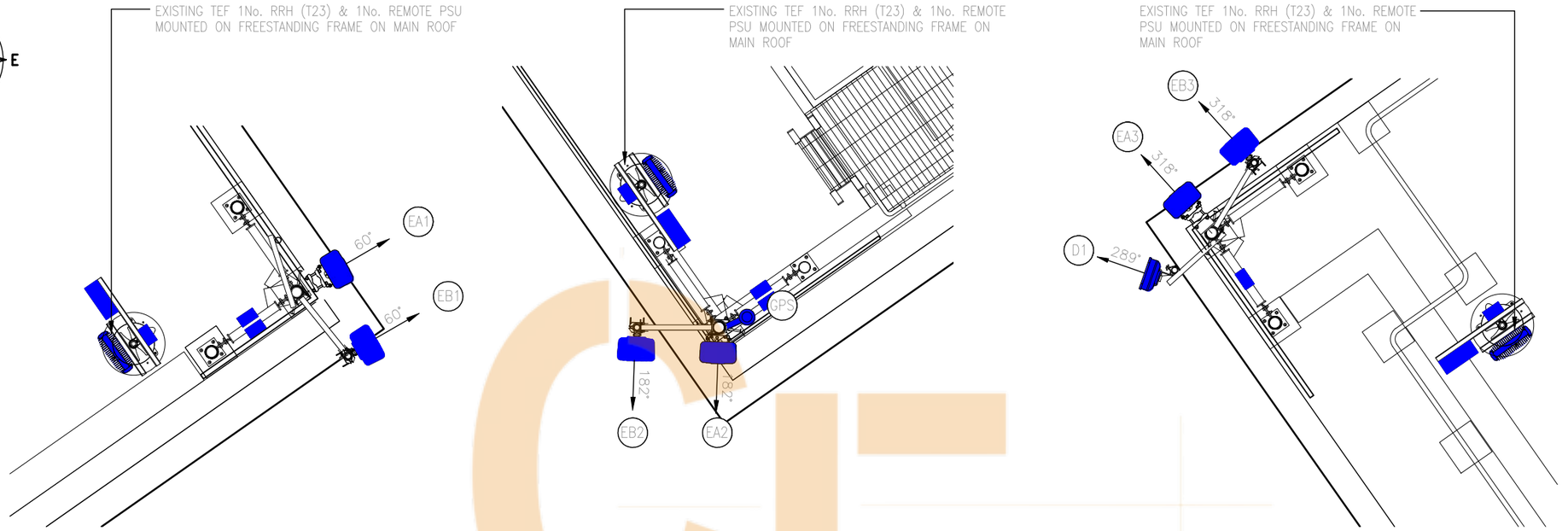
Drawing Title: PROPOSED SITE ELEVATION

Purpose of issue: PLANNING — Dwg Rev:

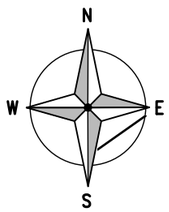
Drawing Number: 301 — A

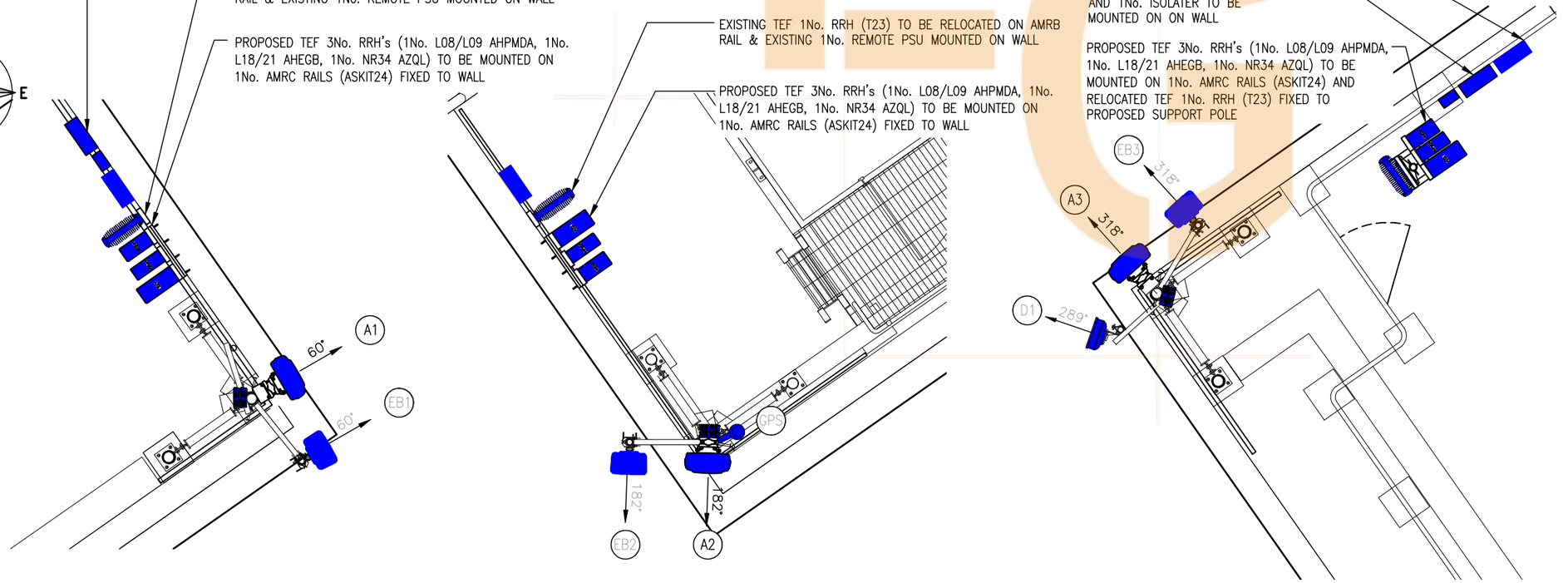
Surveyed By:	Original Sheet Size:	Pack Issue:
–	A3	

Drawn:	Date:	Checked:	Date:	
–	–	–	–	A



EXISTING TEF ANTENNA PLANS
(1:50)





PROPOSED TEF ANTENNA PLANS
(1:50)

2500 2000 1500 1000 500 0 1000 2000 3000 4000 5000

ORIGINAL SCALE AT A3 – 1:50 ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

COLOUR KEY	
SHARED EQUIPMENT	
VF ALLOCATED EQUIPMENT	
TEF ALLOCATED EQUIPMENT	
VF ALLOCATED FOOTPRINT	
TEF ALLOCATED FOOTPRINT	
SHARED ALLOCATED FOOTPRINT	
UNUSABLE SPACE	

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: ANTENNA PLAN

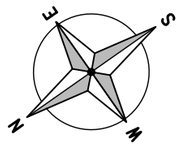
Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 400

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

FOR SITE DESIGN DEPENDENCIES REFER TO DRAWING 505, 506



EXISTING TEF 42U FLATPACK FRAME (FK47 REV 2)
- EXISTING FLEXI MODULES TO BE REPLACED AND UPGRADED.
- EXISTING 3No. C4 COMBINERS TO BE REMOVED.

EXISTING TEF 42U FLATPACK FRAME (FK47 REV 1)
- EXISTING FLEXI MODULES TO BE REPLACED AND UPGRADED.
- EXISTING 3No. C4 AND 3No. C2 COMBINERS TO BE REMOVED.

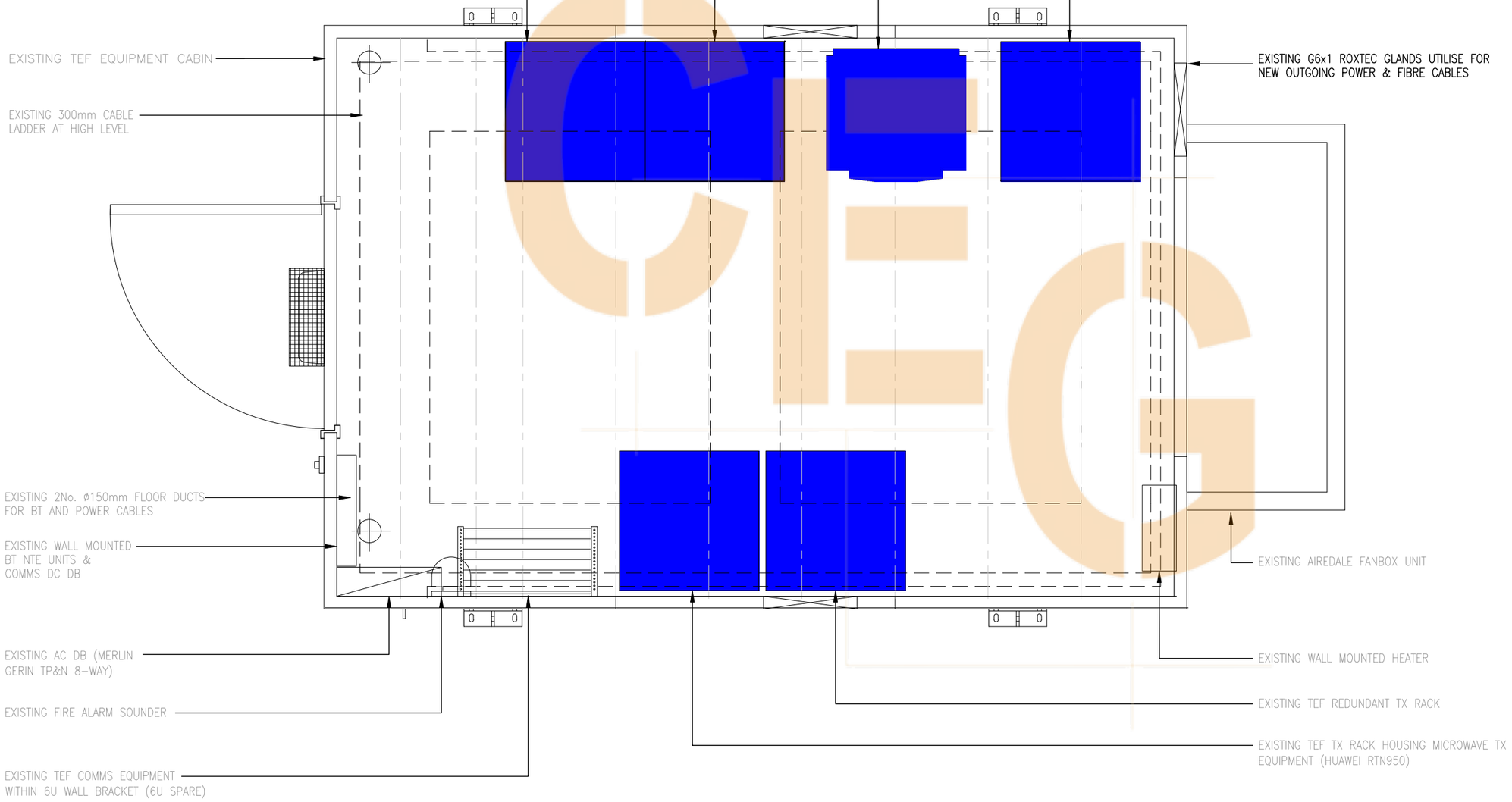
EXISTING NOKIA ULTRASITE EDGE CABINET

EXISTING 4th GENERATION INDOOR ELTEK PSU

EXISTING TEF EQUIPMENT CABIN

EXISTING G6x1 ROXTEC GLANDS UTILISE FOR NEW OUTGOING POWER & FIBRE CABLES

EXISTING 300mm CABLE LADDER AT HIGH LEVEL



EXISTING 2No. ø150mm FLOOR DUCTS FOR BT AND POWER CABLES

EXISTING WALL MOUNTED BT NTE UNITS & COMMS DC DB

EXISTING AIREDALE FANBOX UNIT

EXISTING AC DB (MERLIN GERIN TP&N 8-WAY)

EXISTING WALL MOUNTED HEATER

EXISTING FIRE ALARM SOUNDER

EXISTING TEF REDUNDANT TX RACK

EXISTING TEF TX RACK HOUSING MICROWAVE TX EQUIPMENT (HUAWEI RTN950)

EXISTING TEF COMMS EQUIPMENT WITHIN 6U WALL BRACKET (6U SPARE)

EQUIPMENT LAYOUT

(1:20)

1000 500 0 500 1000 1500 2000

ORIGINAL SCALE AT A3 – 1:20

ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

COLOUR KEY	
SHARED EQUIPMENT	
VF ALLOCATED EQUIPMENT	
TEF ALLOCATED EQUIPMENT	
VF ALLOCATED FOOTPRINT	
TEF ALLOCATED FOOTPRINT	
SHARED ALLOCATED FOOTPRINT	
UNUSABLE SPACE	

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: EQUIPMENT LAYOUT

Purpose of issue:	Dwg Rev:
PLANNING	A

Drawing Number:	
401	A

Surveyed By:	Original Sheet Size:	Pack Issue:
–	A3	A

Drawn:	Date:	Checked:	Date:
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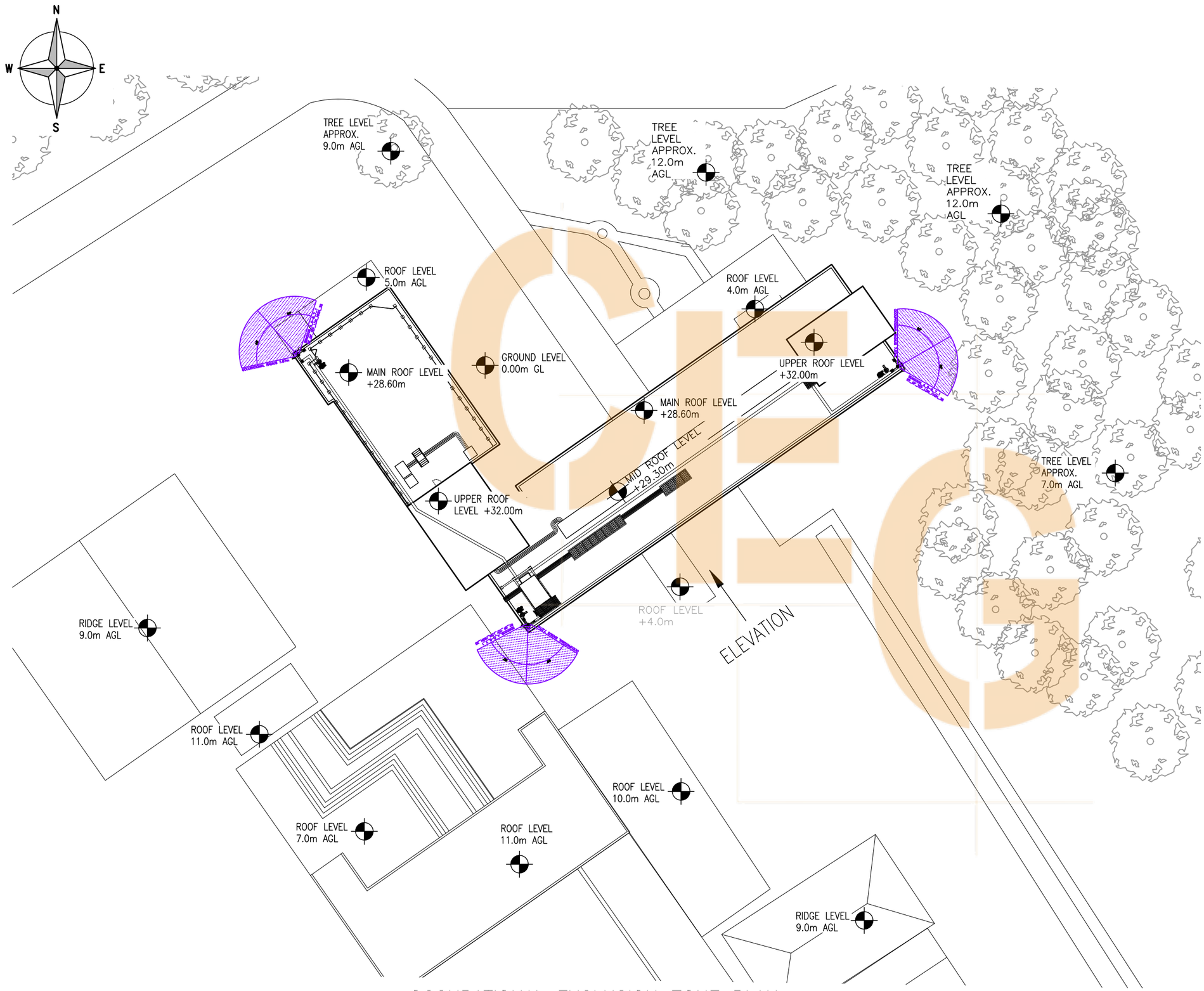

OCCUPATIONAL EXCLUSION ZONE PLAN

(1:500)

20000 10000 0 10000 20000 30000 40000 50000

ORIGINAL SCALE AT A3 – 1:500

ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E: 519450 N: 197060

LEGEND:

RESTRICTED ACCESS IN EXCESS OF ICNIRP OCCUPATIONAL EXPOSURE GUIDELINES

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: OCCUPATIONAL ICNIRP EXCLUSION ZONE PLAN

Purpose of issue:	Dwg Rev:
PLANNING	A

Drawing Number:	Original Sheet Size:	Pack Issue:
402	A3	A

Surveyed By:		Drawn:	Date:	Checked:	Date:
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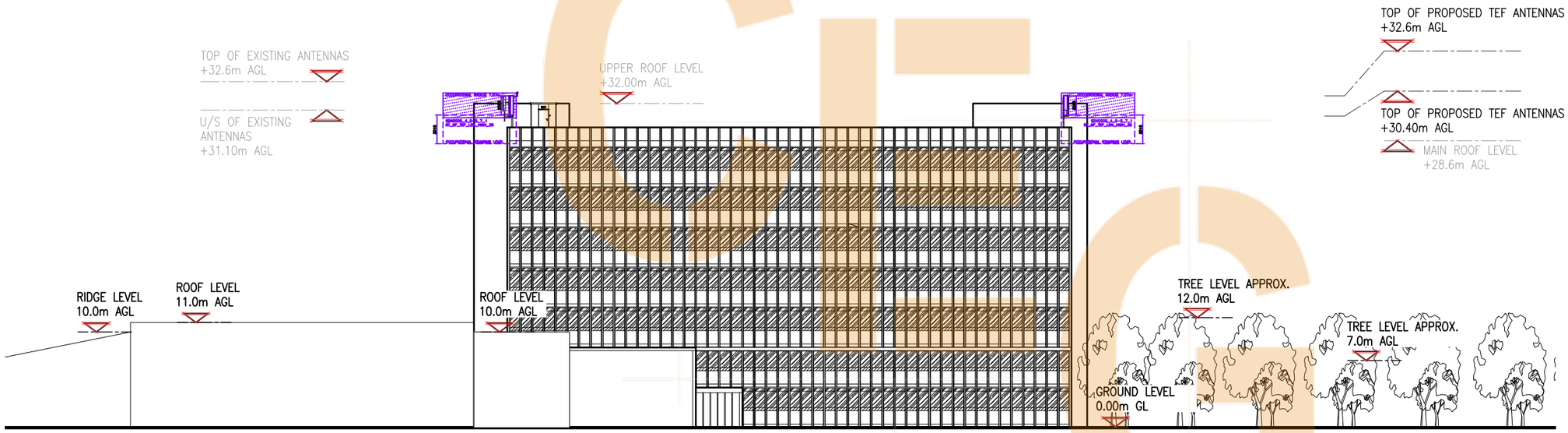

OCCUPATIONAL EXCLUSION ZONE ELEVATION

(1:500)

20000 10000 0 10000 20000 30000 40000 50000

ORIGINAL SCALE AT A3 – 1:500

ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

LEGEND:

RESTRICTED ACCESS IN EXCESS OF ICNIRP OCCUPATIONAL EXPOSURE GUIDELINES

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: OCCUPATIONAL EXCLUSION ZONE ELEVATION

Purpose of issue: PLANNING — Dwg Rev:

Drawing Number: 403 — A

Surveyed By:	Original Sheet Size:	Pack Issue:
–	A3	

Drawn:	Date:	Checked:	Date:	
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PUBLIC EXCLUSION ZONE PLAN

(1:500)

20000 10000 0 10000 20000 30000 40000 50000

ORIGINAL SCALE AT A3 – 1:500

ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 519450 N: 197060

LEGEND:

ICNIRP PUBLIC ACCESS EXPOSURE GUIDELINES LIMIT – NOT RESTRICTED FOR OCCUPATIONAL ACCESS

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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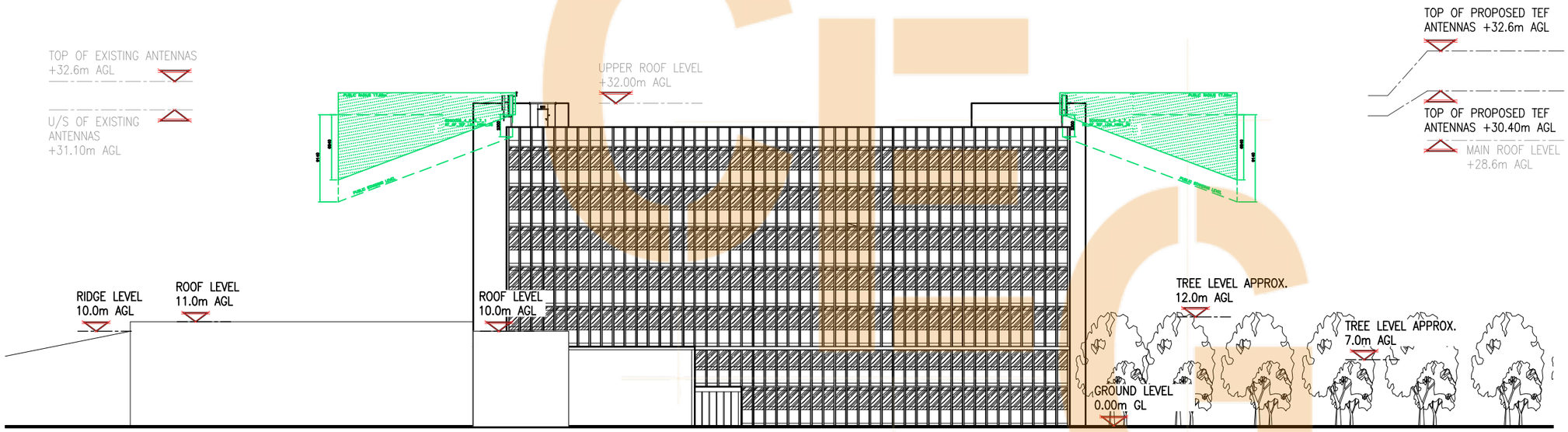
Drawing Title: PUBLIC ICNIRP EXCLUSION ZONE PLAN

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 404

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –



PUBLIC EXCLUSION ZONE ELEVATION
(1:500)

20000 10000 0 10000 20000 30000 40000 50000

ORIGINAL SCALE AT A3 – 1:500

ALL DIMENSIONS IN MILLIMETRES

The drawings comply with TEF & Vodafone Standard ICNIRP guidelines.
Designed in accordance with CORNERSTONE document: SDN0008 4.0

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E: 519450 N: 197060

LEGEND:

ICNIRP PUBLIC ACCESS EXPOSURE GUIDELINES LIMIT – NOT RESTRICTED FOR OCCUPATIONAL ACCESS

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title:
PUBLIC ICNIRP EXCLUSION ZONE ELEVATION

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 405

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

TEF RF CODE: LGD2_G_M36_AY

EXISTING & PROPOSED ANTENNA SCHEDULE (EXISTING EQUIPMENT SHOWN GREY)

PROPOSED & EXISTING ANTENNAS	OPERATOR	FUNCTION	FEEDER/FIBRE: LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW) MF1	MF(J1)	MF(J2)	TOTAL	TYPE (COAX OR FIBRE)	FEEDERS QTY EX'TNG	FEEDERS QTY PROP	FIBRE QTY	FIBRE LENGTH	BIAS T's/MHA's/RRU's/JUMPERS/COMBINERS: BIAS T QTY	MHA QTY	MHA TO ANTENNA JUMPER LENGTH (m) (R'TOPS & G'FIELDS)	RRU QTY	RRU TO ANTENNA JUMPER LENGTH (m) (MAX. LENGTH AS PER TEF/VF SPEC)	LOW LEVEL COMBINER TYPE (ADJ. TO RADIO EQUIPMENT)	HIGH LEVEL COMBINER TYPE (ADJ. TO ANTENNA)	ANTENNAS: ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO C/L (m)	HEIGHT TO U/S (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
SECTOR 1																												
EXISTING	TEF	1GU09 / 1L08	⅞"=68m	½"=2m	½"=2m	72m	COAX	2	–	–	–	1	–	–	–	–	C2 (800–900)	–	EA1a	COMMSCOPE CVV2NPX308_208R	60°	32.60	31.60	30.60	POLE MOUNTED	REMOVE	–
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1b									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1c									
EXISTING	TEF	1L18 / 1L21	⅞"=68m	½"=2m	½"=2m / ½"=2m	72m	COAX	2	–	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA1d									
EXISTING	TEF	2L18 / 2L21	⅞"=68m	½"=2m	½"=2m / ½"=2m	72m	COAX	2	–	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA1e									
EXISTING	TEF	1T23	–	–	–	–	AC/FIBRE	–	–	1	70m	–	–	–	1	½" = 5m	–	–	EB1a	HUAWEI ATD4516R9	60°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
EXISTING	TEF															½" = 5m			EB1b									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1c									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1d									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1e									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1f									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1g									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1h									
SECTOR 2																												
EXISTING	TEF	2G09 / 2L08	⅞"=10m	½"=2m	½"=2m	14m	COAX	2	–	–	–	1	–	–	–	–	C2 (800–900)	–	EA2a	COMMSCOPE CVV2NPX308_208R	182°	32.60	31.60	30.60	POLE MOUNTED	REMOVE	–
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2b									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2c									
EXISTING	TEF	3L18 / 3L21	⅞"=10m	½"=2m	½"=2m / ½"=2m	14m	COAX	2	–	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA2d									
EXISTING	TEF	4L18 / 4L21	⅞"=10m	½"=2m	½"=2m / ½"=2m	14m	COAX	2	–	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA2e									
EXISTING	TEF	2T23	–	–	–	–	DC/FIBRE	–	–	1	15m	–	–	–	1	½" = 5m	–	–	EB2a	HUAWEI ATD4516R9	182°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
EXISTING	TEF															½" = 5m			EB2b									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2c									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2d									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2e									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2f									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2g									
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2h									

OPERATOR & FUNCTION LEGEND			FEEDER/FIBRE LEGEND			BIAS T's/MHA's/RRU's/JUMPER/COMBINERS LEGEND			ANTENNA LEGEND		
TEF =	TELEFONICA		MF1 =	MAIN FEEDER LENGTH (INCLUDING PRE-RIGGED IN SF COLUMN)		BIAS T =	No. OF BIAS T's FOR GIVEN TECHNOLOGY		A =	DESIGNATION (A–Z)	
VF =	VODAFONE		MF(J1) =	MAIN FEEDER JUMPER 1 LENGTH (LOW LEVEL COMBINERS)		MHA =	No. OF MHA's FOR GIVEN TECHNOLOGY		1 =	SECTOR (1–6)	
1 =	SECTOR (2,3 etc)		MF(J2) =	MAIN FEEDER JUMPER 2 LENGTH (HIGH LEVEL COMBINERS)		MHA JUMPER =	JUMPER LENGTH BETWEEN MHA & MAIN FEEDER		b =	PORT REFERENCE (a–z)	
U =	UMTS (G=GSM) (L=LTE)		TOTAL =	TOTAL FEEDER LENGTH		RRU =	No. OF RRU's FOR GIVEN TECHNOLOGY (ERS/RRH)		BRG° =	REQUIRED BEARING IN DEGREES	
21 =	2100 BAND (09=0900,18=1800)		TYPE =	COAX, FIBRE OR HYBRID		RRU JUMPER =	JUMPER LENGTH BETWEEN RRU & MAIN FEEDER		STATUS =	EITHER NEW, REMAIN, OR REMOVE	

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED
–	–

CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE
–	–	–

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
–	–

Cell ID No

CORNERSTONE	TEF	VF
–	–	–

Site Address / Contact Details

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Drawing Title: EXISTING ANTENNA SCHEDULE (1of2)

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 500

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

TEF RF CODE: LGD2_G_M36_AY

EXISTING & PROPOSED ANTENNA SCHEDULE (EXISTING EQUIPMENT SHOWN GREY)

PROPOSED & EXISTING ANTENNAS	OPERATOR	FUNCTION	FEEDER/FIBRE									BIAS T's/MHA's/RRU's/JUMPERS/COMBINERS							ANTENNAS								
			LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW)				TYPE (COAX OR FIBRE)	FEEDERS QTY		FIBRE QTY	FIBRE LENGTH	BIAS T QTY	MHA QTY	MHA TO ANTENNA JUMPER LENGTH (m) (R'TOPS & G'FIELDS)	RRU QTY	RRU TO ANTENNA JUMPER LENGTH (m) (MAX. LENGTH AS PER TEF/VF SPEC)	LOW LEVEL COMBINER TYPE (ADJ. TO RADIO EQUIPMENT)	HIGH LEVEL COMBINER TYPE (ADJ. TO ANTENNA)	ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO C/L (m)	HEIGHT TO U/S (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
			MF1	MF(J1)	MF(J2)	TOTAL		EX'TNG	PROP																			
SECTOR 3	EXISTING	TEF	3GU09 / 3L08	1¼"=60m	½"=2m	½"=2m	64m	COAX	2	–	–	–	1	–	–	–	–	C2 (800–900)	–	EA3a	COMMSCOPE CVV2NPX308_208R	318°	32.60	31.60	30.60	POLE MOUNTED	REMOVE	–
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3b								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3c								
		TEF	5L18 / 5L21	1¼"=60m	½"=2m	½"=2m / ½"=2m	64m	COAX	–	2	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA3d								
		TEF	6L18 / 6L21	1¼"=60m	½"=2m	½"=2m / ½"=2m	64m	COAX	–	2	–	–	–	1x M1	2.0m	–	–	C4 (1800–2100)	–	EA3e								
		TEF	3T23	–	–	–	–	DC/FIBRE	–	–	1	65m	–	–	–	1	½" = 5m	–	–	EB3a	HUAWEI ATD4516R9	318°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
		TEF															½" = 5m			EB3b								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3c								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3d								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3e								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3f								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3g								
		TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3h								

EXISTING DISH KEY

STATUS	OPERATOR	DISH REF	DISH DIA	BEARING	HEIGHT TO CENTRE (AGL)	LINK No.
EXISTING	TEF	D1	300ø	289°	31.07	–

OPERATOR & FUNCTION LEGEND

TEF	=	TELEFONICA	
VF	=	VODAFONE	
1	=	SECTOR (2,3 etc)	
U	=	UMTS (G=GSM) (L=LTE)	
21	=	2100 BAND (09=0900,18=1800)	

FEEDER/FIBRE LEGEND

MF1	=	MAIN FEEDER LENGTH (INCLUDING PRE–RIGGED IN SF COLUMN)
MF(J1)	=	MAIN FEEDER JUMPER 1 LENGTH (LOW LEVEL COMBINERS)
MF(J2)	=	MAIN FEEDER JUMPER 2 LENGTH (HIGH LEVEL COMBINERS)
TOTAL	=	TOTAL FEEDER LENGTH
TYPE	=	COAX, FIBRE OR HYBRID

BIAS T's/MHA's/RRU's/JUMPER/COMBINERS LEGEND

BIAS T	=	No. OF BIAS T's FOR GIVEN TECHNOLOGY
MHA	=	No. OF MHA's FOR GIVEN TECHNOLOGY
MHA JUMPER	=	JUMPER LENGTH BETWEEN MHA & MAIN FEEDER
RRU	=	No. OF RRU's FOR GIVEN TECHNOLOGY (ERS/RRH)
RRU JUMPER	=	JUMPER LENGTH BETWEEN RRU & MAIN FEEDER

ANTENNA LEGEND

A	=	DESIGNATION (A–Z)
1	=	SECTOR (1–6)
b	=	PORT REFERENCE (a–z)
BRG°	=	REQUIRED BEARING IN DEGREES
STATUS	=	EITHER NEW, REMAIN, OR REMOVE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED		
–	–		
CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE	
–	–	–	

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
–	–

Cell ID No

CORNERSTONE	TEF	VF
–	–	–

Site Address / Contact Details

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Drawing Title: EXISTING ANTENNA SCHEDULE (2of2)

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 501

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

TEF RF CODE: 1aL

EXISTING & PROPOSED ANTENNA SCHEDULE (EXISTING EQUIPMENT SHOWN GREY)

PROPOSED & EXISTING ANTENNAS	OPERATOR	FUNCTION	FEEDER/FIBRE: LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW) MF1	MF(J1)	MF(J2)	TOTAL	TYPE (COAX OR FIBRE)	FEEDERS QTY EX'TNG	FEEDERS QTY PROP	FIBRE QTY	FIBRE LENGTH	BIAS T's/MHA's/RRU's/JUMPERS/COMBINERS: BIAS T QTY	MHA QTY	MHA TO ANTENNA JUMPER LENGTH (m) (R'TOPS & G'FIELDS)	RRU QTY	RRU TO ANTENNA JUMPER LENGTH (m) (MAX. LENGTH AS PER TEF/VF SPEC)	LOW LEVEL COMBINER TYPE (ADJ. TO RADIO EQUIPMENT)	HIGH LEVEL COMBINER TYPE (ADJ. TO ANTENNA)	ANTENNAS: ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO C/L (m)	HEIGHT TO U/S (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
SEC 1 PROPOSED	TEF	1L08	–	–	–	–	AC/FIBRE	–	–	2	70m	–	–	–	AHPMDA	½" = 5m	–	C2 (800–900)	A1a	SUA–7	60°	32.60	31.50	30.40	POLE MOUNTED	NEW	12 PAIR FIBRE 2No. AC CABLE
		1L09														½" = 5m											
	TEF	1GU09	⅞"=68m	½=2m	½"=2m	72m	COAX	2	–	–	–	–	–	–	–	–	–	–	A1b								
	TEF	1L18	–	–	–	–	12 PAIR FIBRE 2No. AC CABLE	–	–	1	70m	–	–	–	AHEGB	½" = 5m	–	–	A1c								
		1L21																									
	TEF	1L18	–	–	–	–		–	–							½" = 5m			A1d								
		1L21																									
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A1e								
	TEF	1T23	–	–	–	–	AC/FIBRE	–	–	1	70m	–	–	–	FZNJ	½" = 5m	–	–	A1f								
	TEF															½" = 5m			A1g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A1h								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A1i								
	TEF	1NR34	–	–	–	–	AC/FIBRE	–	–	2	70m	–	–	–	1x AZQL	½" = 5m	–	–	A1j								
	TEF															½" = 5m			A1k								
	TEF															½" = 5m			A1l								
	TEF															½" = 5m			A1m								
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1a	HUAWEI ATD4516R9	60°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1b								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1c								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1d								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1e								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1f								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB1h								
SEC 2 PROPOSED	TEF	2L08	–	–	–	–	DC/FIBRE	–	–	1	15m	–	–	–	AHPMDA	½" = 5m	–	C2 (800–900)	A2a	SUA–7	182°	32.60	31.50	30.40	POLE MOUNTED	NEW	–
		2L09														½" = 5m											
	TEF	2GU09	⅞"=10m	½=2m	½"=2m	14m	COAX	2	–	–	–	–	–	–	–	–	–	–	A2b								
	TEF	2L18	–	–	–	–	DC/FIBRE	–	–	1	15m	–	–	–	AHEGB	½" = 5m	–	–	A2c								
		2L21																									
	TEF	2L18	–	–	–	–		–	–							½" = 5m			A2d								
		2L21																									
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A2e								
	TEF	2T23	–	–	–	–	DC/FIBRE	–	–	1	15m	–	–	–	FZNJ	½" = 5m	–	–	A2f								
	TEF															½" = 5m			A2g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A2h								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A2i								
	TEF	2NR34	–	–	–	–	DC/FIBRE	–	–	2	15m	–	–	–	1x AZQL	½" = 5m	–	–	A2j								
	TEF															½" = 5m			A2k								
	TEF															½" = 5m			A2l								
	TEF															½" = 5m			A2m								

OPERATOR & FUNCTION LEGEND

TEF =	TELEFONICA
VF =	VODAFONE
1 =	SECTOR (2,3 etc)
U =	UMTS (G=GSM) (L=LTE)
21 =	2100 BAND (09=0900,18=1800)

FEEDER/FIBRE LEGEND

MF1 =	MAIN FEEDER LENGTH (INCLUDING PRE–RIGGED IN SF COLUMN)
MF(J1) =	MAIN FEEDER JUMPER 1 LENGTH (LOW LEVEL COMBINERS)
MF(J2) =	MAIN FEEDER JUMPER 2 LENGTH (HIGH LEVEL COMBINERS)
TOTAL =	TOTAL FEEDER LENGTH
TYPE =	COAX, FIBRE OR HYBRID

BIAS T's/MHA's/RRU's/JUMPER/COMBINERS LEGEND

BIAS T =	No. OF BIAS T's FOR GIVEN TECHNOLOGY
MHA =	No. OF MHA's FOR GIVEN TECHNOLOGY
MHA JUMPER =	JUMPER LENGTH BETWEEN MHA & MAIN FEEDER
RRU =	No. OF RRU's FOR GIVEN TECHNOLOGY (ERS/RRH)
RRU JUMPER =	JUMPER LENGTH BETWEEN RRU & MAIN FEEDER

ANTENNA LEGEND

A =	DESIGNATION (A–Z)
1 =	SECTOR (1–6)
b =	PORT REFERENCE (a–z)
BRG° =	REQUIRED BEARING IN DEGREES
STATUS =	EITHER NEW, REMAIN, OR REMOVE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED
–	–

CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE
–	–	–

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
–	–

Cell ID No

CORNERSTONE	TEF	VF
–	–	–

Site Address / Contact Details

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Drawing Title: PROPOSED ANTENNA SCHEDULE (1of2)

Purpose of issue: PLANNING — Dwg Rev: –

Drawing Number: 502 — A

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

TEF RF CODE: 1aL

EXISTING & PROPOSED ANTENNA SCHEDULE (EXISTING EQUIPMENT SHOWN GREY)

PROPOSED & EXISTING ANTENNAS	OPERATOR	FUNCTION	FEEDER/FIBRE: LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW) MF1	MF(J1)	MF(J2)	TOTAL	TYPE (COAX OR FIBRE)	FEEDERS QTY EX'TNG	PROP	FIBRE QTY	FIBRE LENGTH	BIAS T's/MHA's/RRU's/JUMPERS/COMBINERS: BIAS T QTY	MHA QTY	MHA TO ANTENNA JUMPER LENGTH (m) (R'TOPS & G'FIELDS)	RRU QTY	RRU TO ANTENNA JUMPER LENGTH (m) (MAX. LENGTH AS PER TEF/VF SPEC)	LOW LEVEL COMBINER TYPE (ADJ. TO RADIO EQUIPMENT)	HIGH LEVEL COMBINER TYPE (ADJ. TO ANTENNA)	ANTENNAS: ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO C/L (m)	HEIGHT TO U/S (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
SEC 2 EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2a	HUAWEI ATD4516R9	182°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2b								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2c								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2d								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2e								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2f								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB2h								
SEC 3 PROPOSED	TEF	3L08	–	–	–	–	AC/FIBRE	–	–	1	65m	–	–	–	AHPMDA	½" = 5m	–	C2 (800–900)	A3a	SUA–7	318°	32.60	31.50	30.40	POLE MOUNTED	NEW	12 PAIR FIBRE 2No. AC CABLE
		3L09														½" = 5m												
	TEF	3GU09	⅞"=60m	½=2m	½"=2m	64m	COAX	2	–	–	–	–	–	–	–	–	–	–	A3b								
	TEF	3L18	–	–	–	–	AC/FIBRE	–	–	1	65m	–	–	–	AHEGB	½" = 5m	–	–	A3c								
		3L21																										
	TEF	3L18	–	–	–	–		–	–							½" = 5m			A3d								
		3L21																										
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A3e								
	TEF	3T23	–	–	–	–	AC/FIBRE	–	–	1	65m	–	–	–	FZNJ	½" = 5m	–	–	A3f								
	TEF															½" = 5m			A3g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A3h								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A3i								
	TEF	3NR34	–	–	–	–	AC/FIBRE	–	–	2	65m	–	–	–	1x AZQL	½" = 5m	–	–	A3j								
	TEF															½" = 5m			A3k								
	TEF															½" = 5m			A3l								
	TEF															½" = 5m			A3m								
EXISTING	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3a	HUAWEI ATD4516R9	318°	32.60	31.85	31.10	POLE MOUNTED	RETAIN	–
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3b								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3c								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3d								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3e								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3f								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3g								
	TEF	Spare	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EB3h								

OPERATOR & FUNCTION LEGEND

TEF =	TELEFONICA
VF =	VODAFONE
1 =	SECTOR (2,3 etc)
U =	UMTS (G=GSM) (L=LTE)
21 =	2100 BAND (09=0900,18=1800)

FEEDER/FIBRE LEGEND

MF1 =	MAIN FEEDER LENGTH (INCLUDING PRE–RIGGED IN SF COLUMN)
MF(J1) =	MAIN FEEDER JUMPER 1 LENGTH (LOW LEVEL COMBINERS)
MF(J2) =	MAIN FEEDER JUMPER 2 LENGTH (HIGH LEVEL COMBINERS)
TOTAL =	TOTAL FEEDER LENGTH
TYPE =	COAX, FIBRE OR HYBRID

BIAS T's/MHA's/RRU's/JUMPER/COMBINERS LEGEND

BIAS T =	No. OF BIAS T's FOR GIVEN TECHNOLOGY
MHA =	No. OF MHA's FOR GIVEN TECHNOLOGY
MHA JUMPER =	JUMPER LENGTH BETWEEN MHA & MAIN FEEDER
RRU =	No. OF RRU's FOR GIVEN TECHNOLOGY (ERS/RRH)
RRU JUMPER =	JUMPER LENGTH BETWEEN RRU & MAIN FEEDER

ANTENNA LEGEND

A =	DESIGNATION (A–Z)
1 =	SECTOR (1–6)
b =	PORT REFERENCE (a–z)
BRG° =	REQUIRED BEARING IN DEGREES
STATUS =	EITHER NEW, REMAIN, OR REMOVE

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED
–	–

CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE
–	–	–

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
–	–

Cell ID No

CORNERSTONE	TEF	VF
–	–	–

Site Address / Contact Details

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Drawing Title: PROPOSED ANTENNA SCHEDULE (2of2)

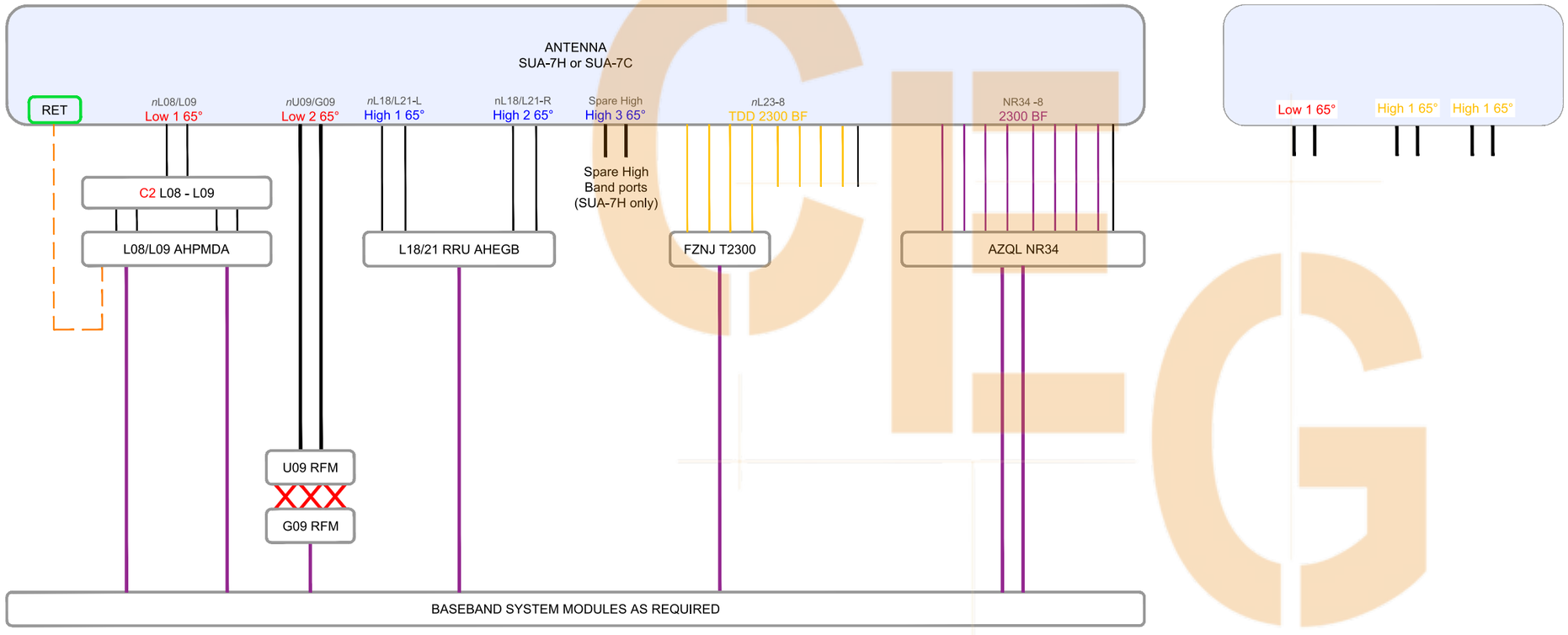
Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 503

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –

TEF CONFIG : 1aL
London 2019 RF Design for 5G – SUA-7 antenna + Shared antenna



ANTENNA AND RF SYSTEM DESIGN SCHEMATIC
(NTS)

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R	E: 519450 N: 197060

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: R.F. SYSTEM SCHEMATIC

Purpose of issue:	Dwg Rev:
PLANNING	A

Drawing Number:	Pack Issue:
504	A

Surveyed By:	Original Sheet Size:		
–	A3		
Drawn: –	Date: –	Checked: –	Date: –

SUPPORT STRUCTURE SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	STRUCTURE HEIGHT	FOUNDATION TYPE (ROOT/PAD/GRILLAGE)	FOUNDATION DIMENSIONS (WxDxH)	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	TEF	–	TRIPOD FRAME	–	PLINTHS	2.5m x 2.5m	GALV.	EXISTING	3No.
EXISTING	TEF	MAFI	4112 FREE-STANDER	–	N/A	N/A	GALV.	EXISTING	3No.
PROPOSED	TEF	–	RRU SUPPORT POLE	–	PLINTH	N/A	GALV.	NEW	1No.
PROPOSED	TEF	–	AMRC	–	–	–	GALVANISED	NEW	3No. 600 LONG RAILS
PROPOSED	TEF	–	AMRB	–	–	–	GALVANISED	NEW	2No.
PROPOSED	TEF	–	HANDRAIL	–	–	–	GALVANISED	NEW	1.1m

ENCLOSURE SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	DIMENSIONS (WxDxH)	LOCATION	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	TEF	NOKIA	ULTRASITE EDGE	–	CABIN	GREY	REMAIN	–
EXISTING	TEF	ELLIOT	EQUIPMENT CABIN	3600x2400	MAIN ROOF	GREY	REMAIN	–
EXISTING	TEF	ALIFABS	TX RACK	600x600x1800	CABIN	GREY	REMAIN	–
EXISTING	TEF	ALIFABS	TX RACK	600x600x1800	CABIN	GREY	REMAIN	REDUNDANT
EXISTING	TEF	ICD	FK47 v1	600x600x1980	CABIN	GREY	REMAIN	–
EXISTING	TEF	ICD	FK47 v2	600x600x1980	CABIN	GREY	REMAIN	–
EXISTING	TEF	ELTEK	PSU	600x400x1800	CABIN	GREY	REMAIN	–

RF EQUIPMENT SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	DIMENSIONS (WxDxH)	LOCATION	QUANTITY	COLOUR/ FINISH	STATUS	COMMENTS
EXISITNG	TEF	KATHREIN	M1 18/21 MHA	–	ANTENNA LOCATION	9	GREY	REMOVE	–
EXISTING	TEF	NOKIA	FLEXI FSMF	447x422x133	FK47 RACK	1	GREY	REMOVE	L08 / L18
EXISTING	TEF	NOKIA	FLEXI FRMF	447x422x133	FK47 RACK	1	GREY	REMOVE	L08
EXISTING	TEF	TBC	C2 COMBINER	–	FK47 RACK 1	3	GREY	REMOVE	–
EXISTING	TEF	TBC	C4 COMBINER	–	FK47 RACKS 1 & 2	6	GREY	REMOVE	–
EXISTING	TEF	NOKIA	FLEXI FXDB	447x422x133	FK47 FPF (1)	1	GREY	REMAIN	G09
EXISTING	TEF	NOKIA	FLEXI FSMF	447x422x133	FK47 FPF (1)	1	GREY	REMAIN	G09
EXISTING	TEF	NOKIA	FLEXI FXDB	447x422x133	FK47 FPF (1)	1	GREY	REMAIN	U09
EXISTING	TEF	NOKIA	FLEXI FSMF	447x422x133	FK47 FPF (2)	1	GREY	REMAIN	U09
EXISTING	TEF	NOKIA	FLEXI FRGU	447x422x133	FK47 FPF (2)	1	GREY	REMOVE	L21
EXISTING	TEF	NOKIA	FLEXI FSMF	447x422x133	FK47 FPF (2)	1	GREY	REMAIN	T23
EXISTING	TEF	NOKIA	FLEXI FPFH	447x422x133	FK47 FPF (2)	1	GREY	REMOVE	LTE
EXISTING	TEF	NOKIA	FLEXI FRGU	447x422x133	FK47 FPF (2)	1	GREY	REMOVE	L21
EXISTING	TEF	NOKIA	FLEXI FXED	447x422x133	FK47 FPF (2)	1	GREY	REMOVE	L18
EXISTING	TEF	NOKIA	FZNJ RRH	450x160x355	ANTENNAS	3	GREY	REMAIN	4 WAY WORKING
PROPOSED	TEF	NOKIA	AHPMDA (L08/L09)	330x142x630	ANTENNA LOCATION	3	GREY	NEW	–
PROPOSED	TEF	RD/COMMSCOPE	C2b COMBINER	–	ANTENNA LOCATION	3	GREY	NEW	L08/L09
PROPOSED	TEF	NOKIA	AHEGB (L18/L21)	383x169x686	ANTENNA LOCATION	3	GREY	NEW	4 WAY WORKING
PROPOSED	TEF	NOKIA	AZQL (NR34)	395x190x469	ANTENNA LOCATIONS	3	GREY	NEW	8 WAY WORKING
PROPOSED	TEF	NOKIA	AIRSCALE AMIA	447x400x128	FK47 FPF (2)	1	GREY	NEW	4G AIRSCALE BBU
PROPOSED	TEF	NOKIA	AIRSCALE AMIA	447x400x128	FK47 FPF (2)	1	GREY	NEW	5G AIRSCALE BBU
EXISTING	TEF	NOKIA	FYGB GPS MODULE	–	ANTENNA POLE	1	GREY	REMAIN	FTSE CABLE 30m

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R | E: 519450 N: 197060

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

O2

CORNERSTONE - LONDON/BEACON

Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Site Address / Contact Details

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Drawing Title: EQUIPMENT SCHEDULE (1of2)

Purpose of issue: PLANNING | Dwg Rev:

Drawing Number: 505 | A

Surveyed By: – | Original Sheet Size: A3 | Pack Issue:

Drawn: – | Date: – | Checked: – | Date: – | A

AC POWER SUPPLY SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	SUPPLY TYPE (DNO/LL)	PHASE (SINGLE/THREE)	SUPPLY RATING (AMPS)	EARTHING (TN-C-S/TT)	COMMENTS
EXISTING	TEF	–	–	LL	THREE	63A	TN-C-S (TBC)	LOCATED IN LL PLANT ROOM

DC POWER SUPPLY UNIT SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	LOCATION	AC SUPPLY TO PSU BREAKER SIZE (AMPS)	RECTIFIER SIZE (kW)	RECTIFIER QUANTITY	UPGRADE REQUIRED (Y/N)	COMMENTS
EXISTING	TEF	ELTEK	4TH GEN I.D.	CABIN	3 x C32A	3	6	N	–

TRANSMISSION SUPPLY SCHEDULE

EXISTING/ PROPOSED (ENCLOSURE)	OPERATOR		TRANSMISSION ENCLOSURE	TRANSMISSION SOLUTION (MICROWAVE ONLY/FIBRE ONLY/ MICROWAVE+FIBRE (WITH PROVIDER NAME))	U SPACE AVAILABLE	CURRENT TRANSMISSION EQUIPMENT LOCATION	PROPOSED TRANSMISSION EQUIPMENT LOCATION	COMMENTS
	HOST	SHARER						
EXISTING	TEF	–	TX RACK	MICROWAVE + FIBRE	4U	–	X	–

COOLING SCHEDULE

EXISTING/ PROPOSED	OPERATOR	COOLING SYSTEM MANUFACTURER	COOLING SYSTEM MODEL	TYPE (FREE AIR/ PACKAGED/AC)	COOLING CALCULATOR VERSION	COOLING CAPACITY (kW)	SITE HEAT LOAD (kW)	UPGRADE REQUIRED (Y/N)	STATUS	COMMENTS
EXISTING	TEF	AIREDALE	TCU15D-EF	FREE AIR	1.53	9.0	6.6kW	N	–	–

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

N.G.R E: 519450 N: 197060

DESIGN DEPENDENCIES		COMPLETED
STAT SEARCH RESULTS	NO	N/A
ASBESTOS REPORT	✓	16/05/2013
RADAR SCAN REPORT	NO	N/A
COOLING CALCS	✓	COMPLETE
LL FIRE ALARM ASSESS.	NO	N/A
GDC LEVEL 2	NO	N/A
STRUCTURAL CALCS	✓	REQUIRED
HD BOLT GRADE TEST	NO	N/A
FOUNDATION CALCS	NO	N/A
BOREHOLE REPORT	NO	N/A
TRIAL HOLE REPORT	NO	N/A
BOLT PULL TEST	NO	N/A
BUILDING REG'S APP.	NO	N/A
NET RAIL TECH PACK	NO	N/A
DNO QUOTE APPROVAL	NO	N/A
GRP APPROVAL	NO	N/A

REFER TO THE SITE SPECIFIC DRAWING SUBMISSION CHECKLIST (SDN0020) FOR A COMPREHENSIVE LIST AND INSTRUCTION ON WHERE TO FIND ALL ACCOMPANYING DESIGN DOCUMENTATION.

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	–	–	–

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Cell Name	Opt.
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Cell ID No

CORNERSTONE	TEF	VF
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Drawing Title: EQUIPMENT SCHEDULE (2of2)

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 506

Surveyed By: – | Original Sheet Size: A3 | Pack Issue: A

Drawn: – | Date: – | Checked: – | Date: –