WHP Telecoms Ltd

CTIL – LONDON

Pack Issue: A | Option: –

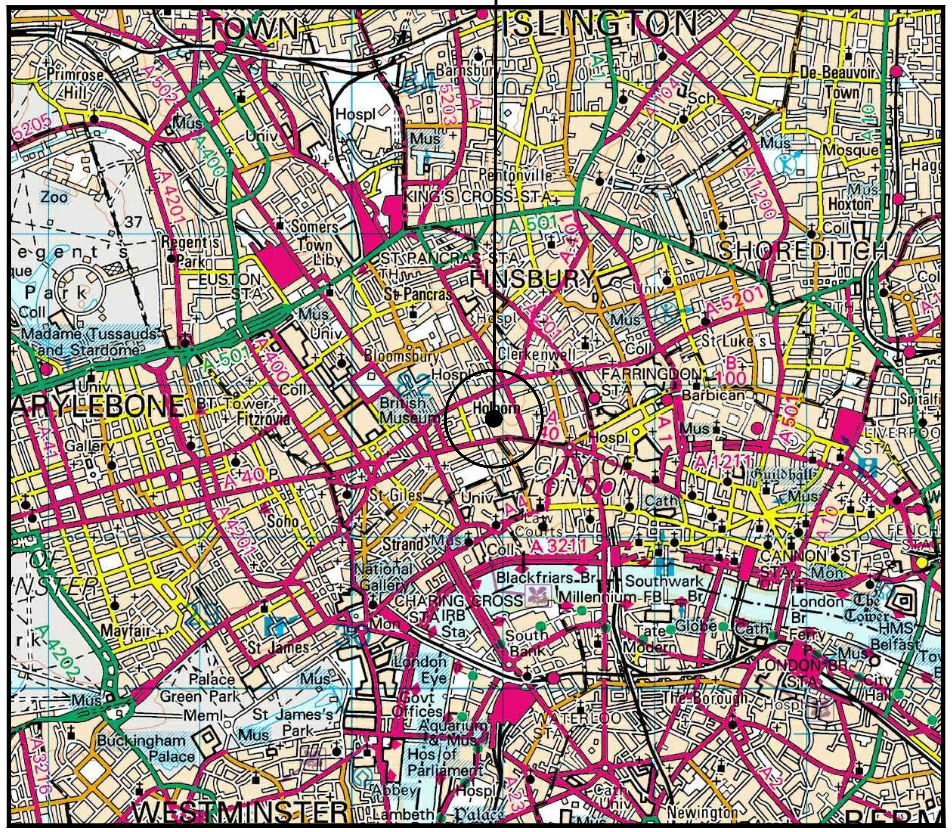
Cell Name: PENDEREL HOUSE

CTIL	TEF	VF	Site Address
E319835 140779	004868	80449	PENDEREL HOUSE 283 HIGH HOLBORN LONDON GREATER LONDON WC1R 5DJ

Drawing Name	Drawing No	Date	Date	Date	Date	Date	Date	Date
		27.03.18						
		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 North Elevation	300	A						
Proposed North Elevation	301	A						
Antenna Layout	400	A						
Equipment Room Layout	401	A						
Existing Antenna Schedule	500	A						
Proposed Antenna Schedule	501	A						
R.F. System Schematic	502	A						
Equipment Schedule	503	A						
Equipment Schedule	504	A						

Company	Name	Issued
TEF Radio Planner	Clive Hussey	✓
Acquisition – WHP	Bhavesh Mistry	✓
WHP	Greg Morden	✓

SITE LOCATION

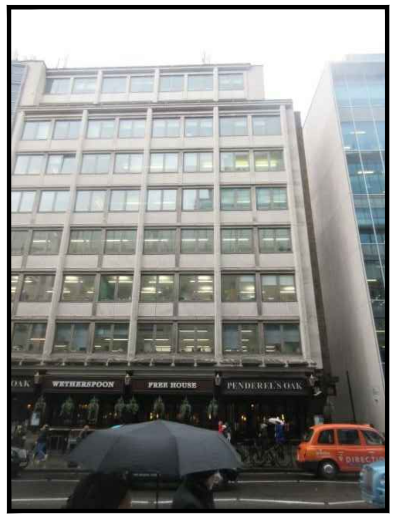


0 1km 2km
Scale

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
Licence No. 0100023487
Crown copyright.

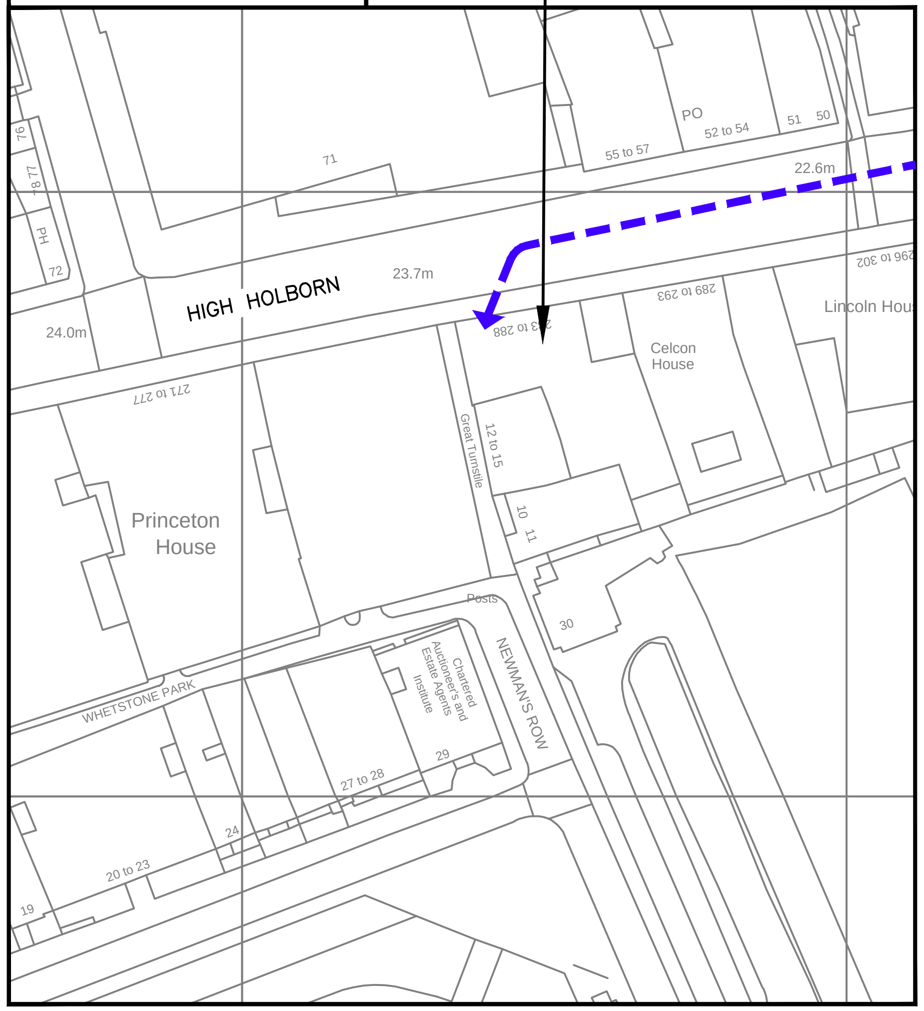


SITE PHOTOGRAPH

N
W E
S

← – – =	Site Access
← – – =	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.
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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 CTIL document: SDN0008

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R E: 530833 N: 181578

CONCESSION REQUIRED NO

DIRECTIONS TO SITE:
FROM THE END OF THE M4 HEAD SOUTH EAST ON THE A4 TOWARDS THE A3220 WARWICK ROAD. AT THE ROUNDABOUT TAKE THE 2ND EXIT ONTO THE A40. CONTINUE ONTO MARYLEBONE ROAD AND TURN RIGHT AT EVERSHOLT STREET. FOLLOW THE A4200 ENTERING TOLL ZONE (WOBURN PLACE). TURN LEFT AT THE A40/THEOBOLDS ROAD, RIGHT AT DRAKE STREET AND ARRIVE AT HIGH HOLBORN.

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

CTIL - LONDON

Cell Name	Opt.
PENDEREL HOUSE	–

Cell ID No

CTIL	TEF	VF
E319835 140779	004868	80449

Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title: SITE LOCATION MAPS

Purpose of issue: PLANNING — Dwg Rev:

Drawing Number: 100 — A

Surveyed By: MS — Original Sheet Size: A3 — Pack Issue:

Drawn: SPD — Date: 27.03.18 — Checked: DS — Date: 27.03.18 — A

N

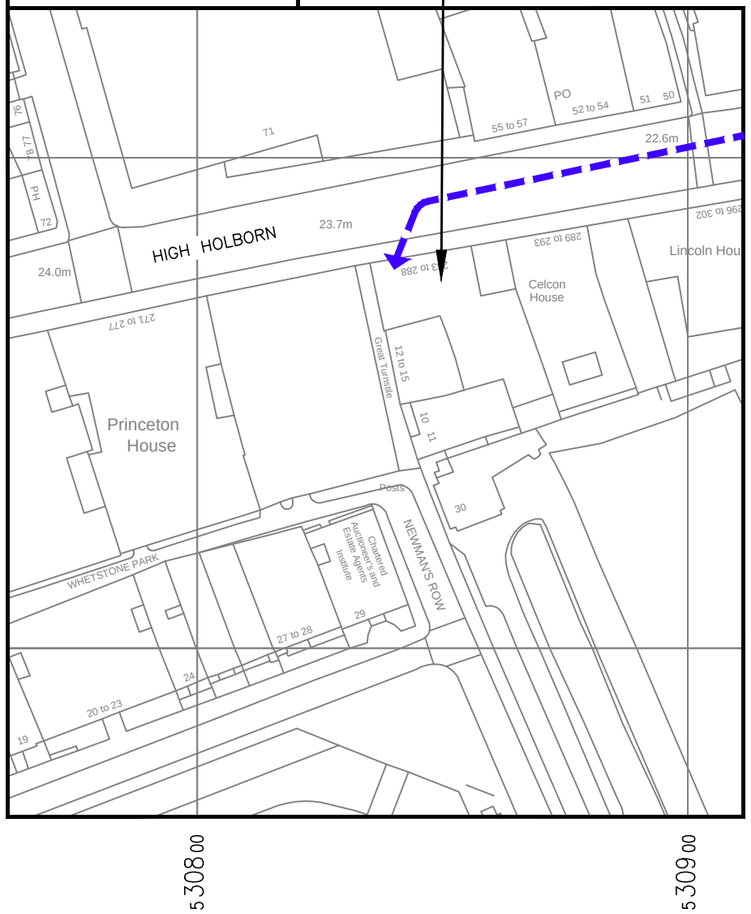
W E

S

= Site Access

= Access Route

SITE LOCATION



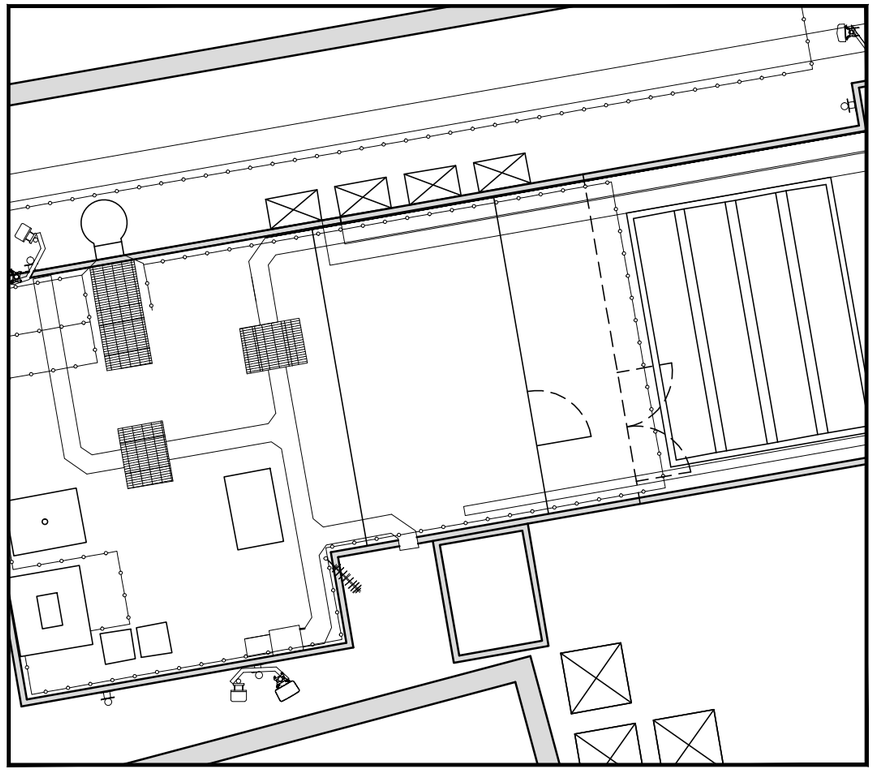
DETAILED SITE LOCATION

(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



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 CTIL document: SDN0008

Notes:

1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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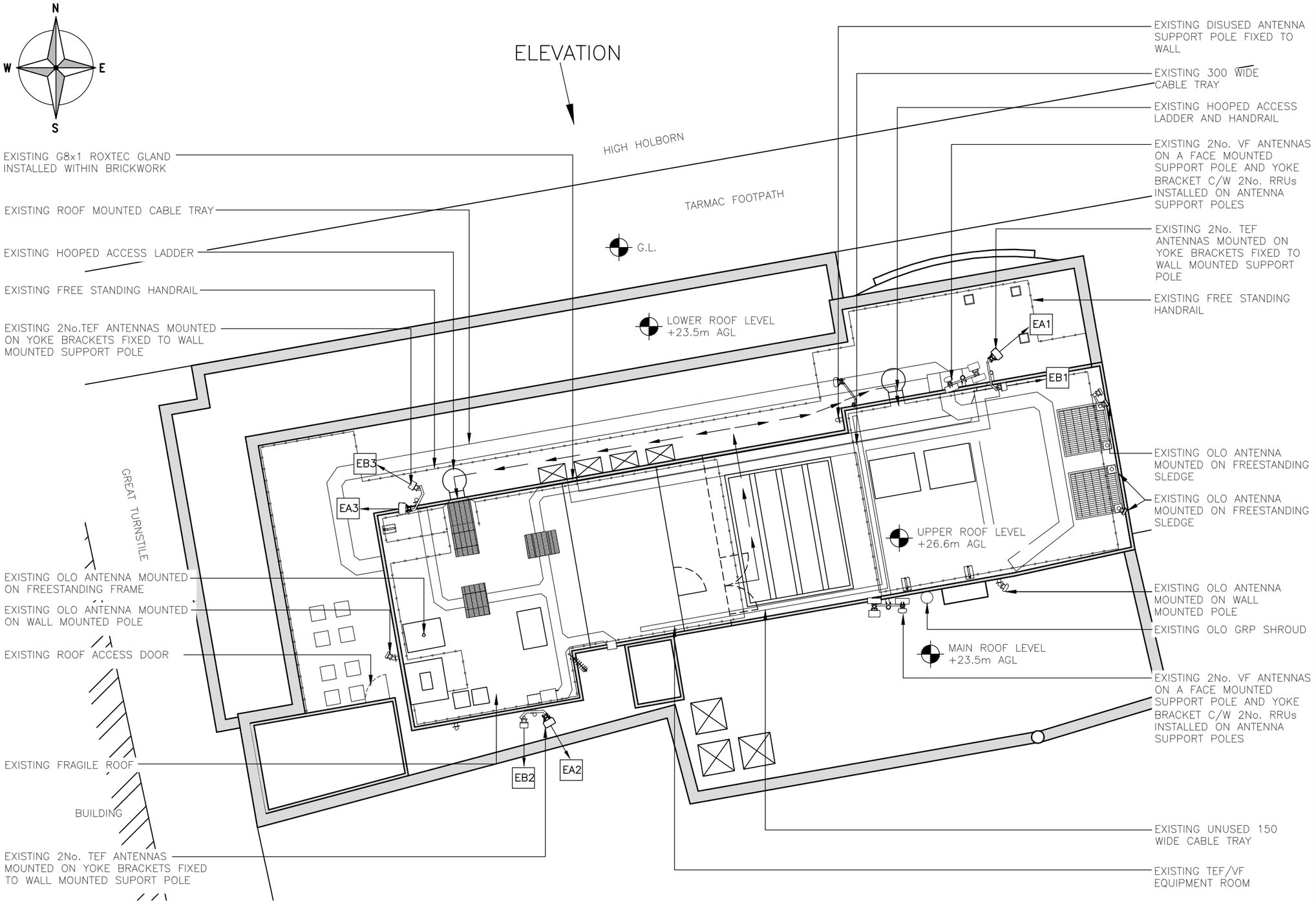
PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title: LEASE DRAWING

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 101

Surveyed By:		Original Sheet Size:		Pack Issue:
MS		A3		A
Drawn: SPD	Date: 27.03.18	Checked: DS	Date: 27.03.18	



EXISTING SITE PLAN

(1:125)

5000 0 5000 10000 15000

ORIGINAL SCALE AT A3 – 1:125

ALL DIMENSIONS IN MILLIMETRES

Notes:

1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

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PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

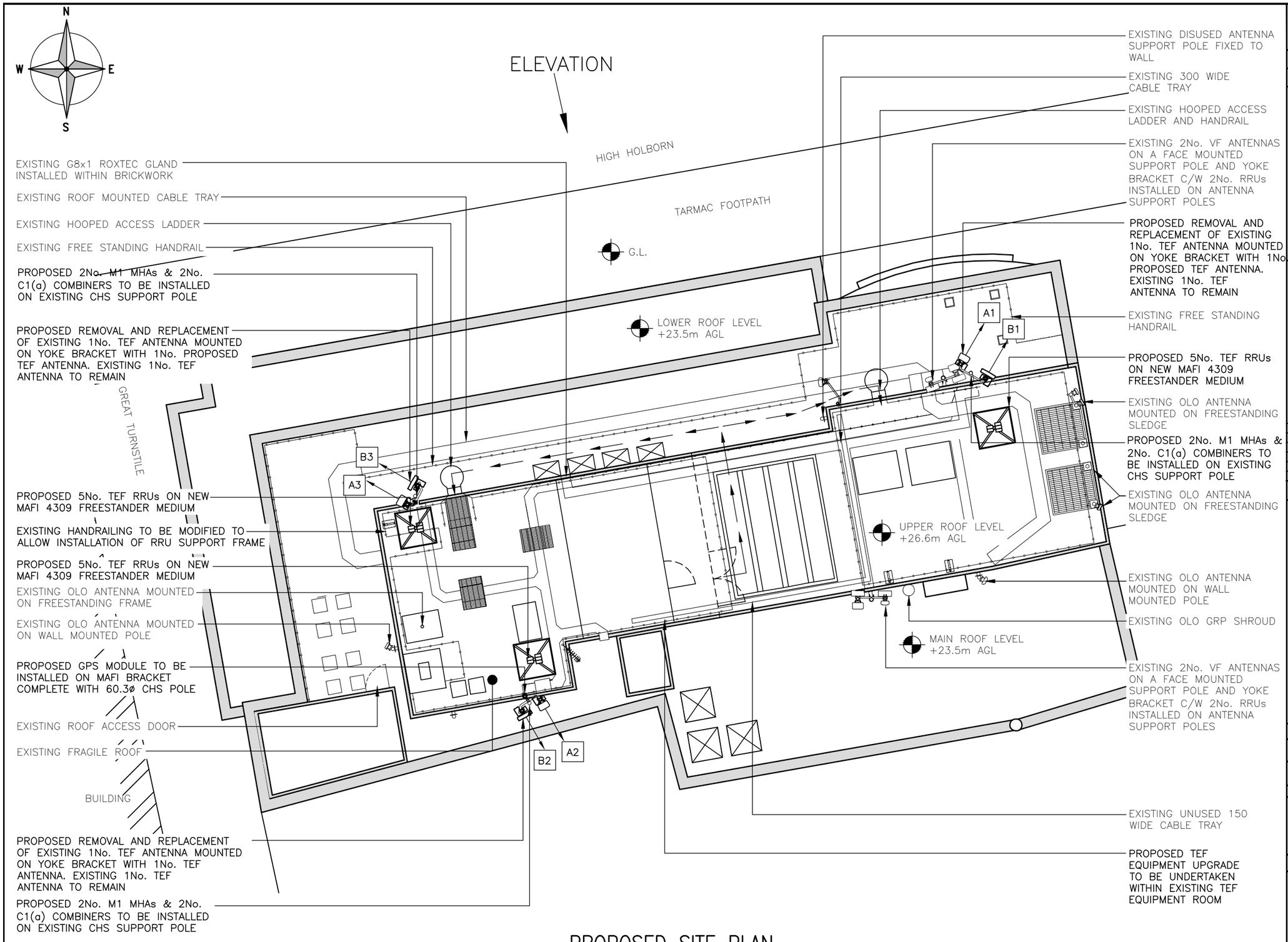
Drawing Title: EXISTING SITE PLAN

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 200

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

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18



PROPOSED SITE PLAN

(1:125)

5000 0 5000 10000 15000

ORIGINAL SCALE AT A3 – 1:125

ALL DIMENSIONS IN MILLIMETRES

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

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
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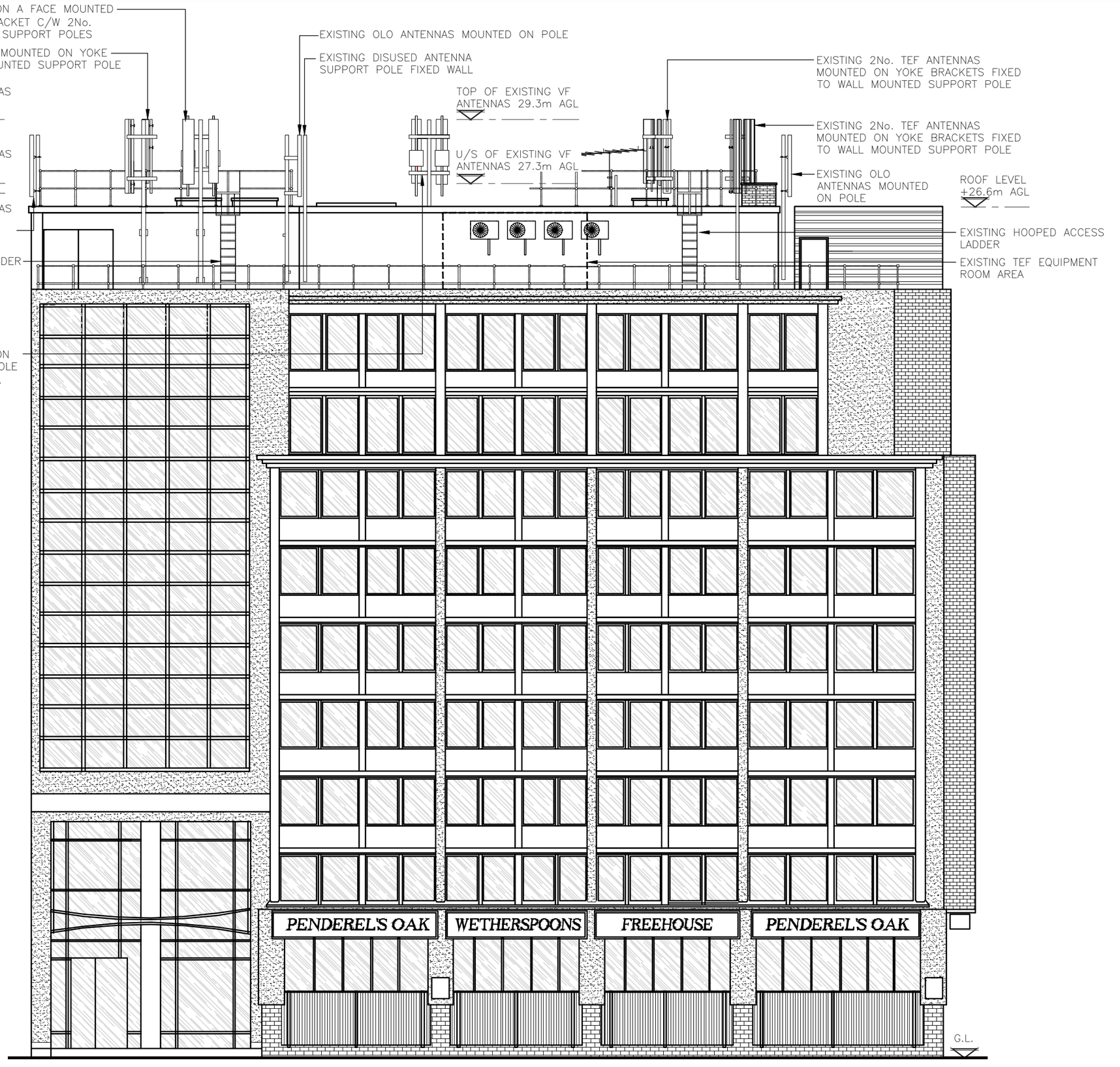
WC1R 5DJ

Drawing Title: PROPOSED SITE PLAN

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 201 — Pack Issue: A

Surveyed By:	Original Sheet Size:			
MS	A3			
Drawn: SPD	Date: 27.03.18	Checked: DS	Date: 27.03.18	



EXISTING NORTH ELEVATION
(1:125)

5000 0 5000 10000 15000

ORIGINAL SCALE AT A3 – 1:125

ALL DIMENSIONS IN MILLIMETRES

Notes:

1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title:
EXISTING NORTH ELEVATION

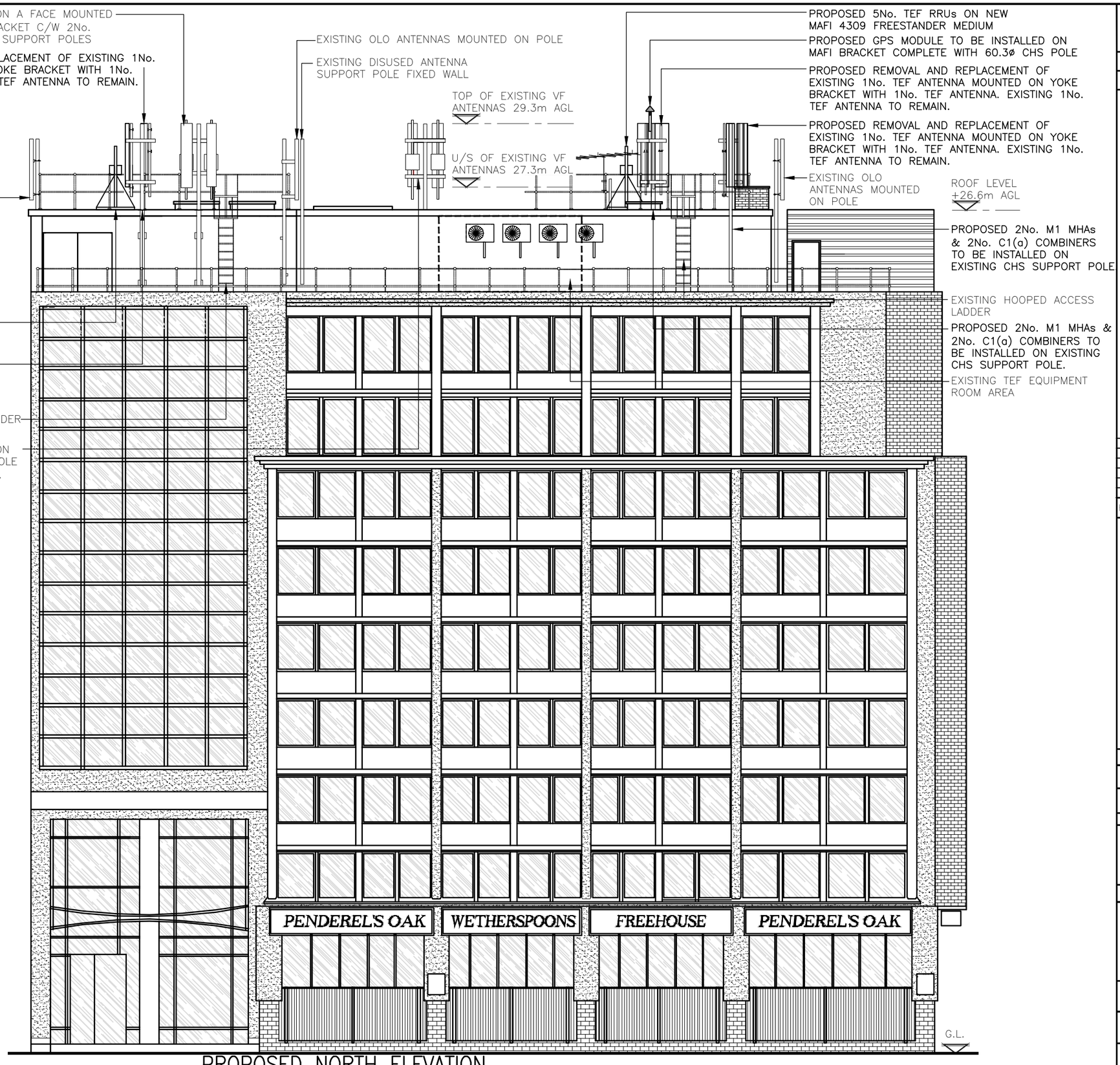
Purpose of issue:
PLANNING

Dwg Rev:
A

Drawing Number:
300

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

Drawn:	Date:	Checked:	Date:	
SPD	27.03.18	DS	27.03.18	A



PROPOSED NORTH ELEVATION

(1:125)

5000 0 5000 10000 15000

ORIGINAL SCALE AT A3 – 1:125

ALL DIMENSIONS IN MILLIMETRES

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

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

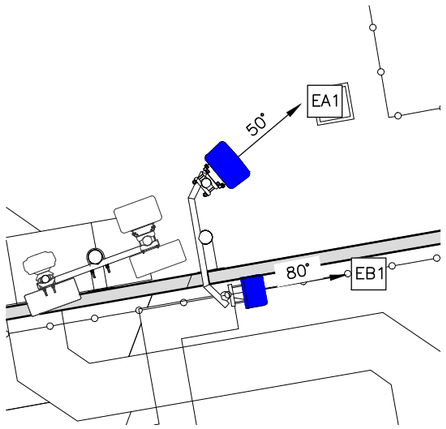
Drawing Title:
PROPOSED NORTH ELEVATION

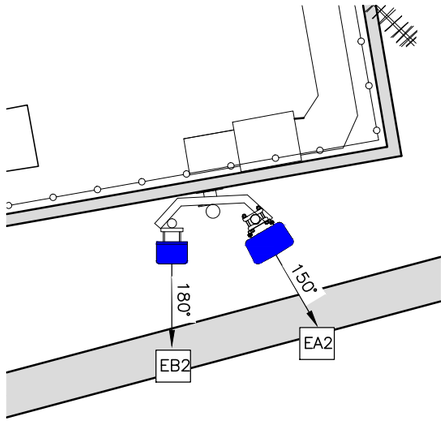
Purpose of issue:	Dwg Rev:
PLANNING	A

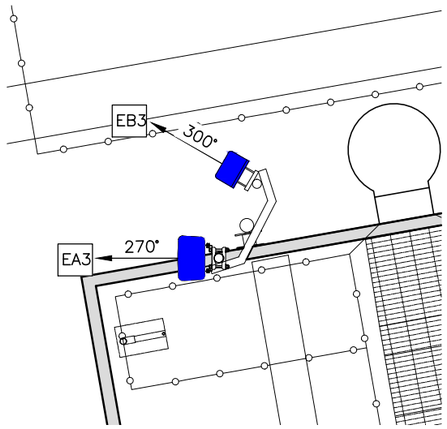
Drawing Number: 301

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

Drawn:	Date:	Checked:	Date:	
SPD	27.03.18	DS	27.03.18	A







EXISTING ANTENNA PLAN
(1:50)

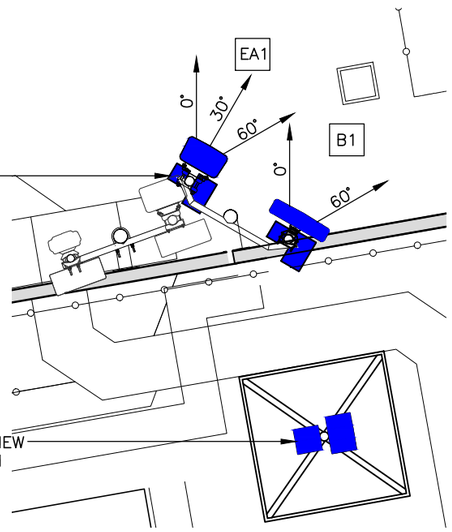
Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

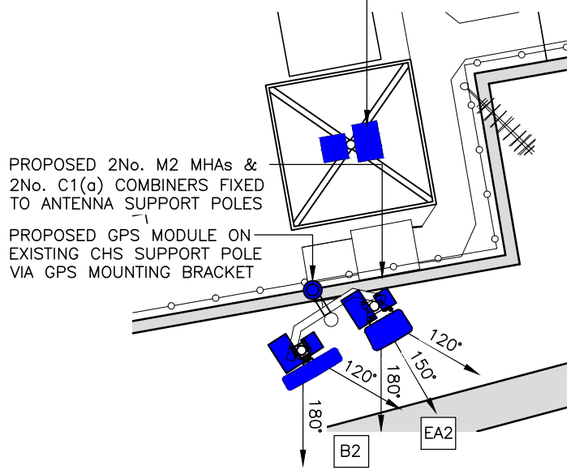
COLOUR KEY	
Shared Equipment	
VF Allocated Equipment	
TEF Allocated Equipment	
Shared Allocated Footprint	
VF Allocated Footprint	
TEF Allocated Footprint	
Unusable Space	

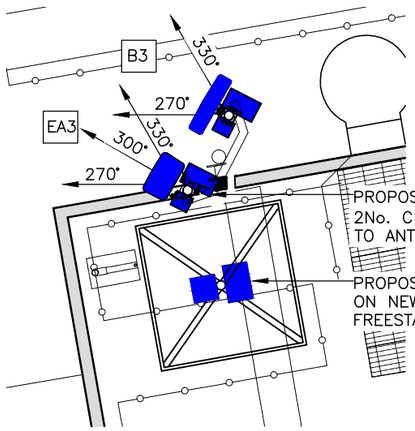
REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18



PROPOSED 2No. M2 MHAs & 2No. C1(a) COMBINERS FIXED TO ANTENNA SUPPORT POLES

PROPOSED 4No. TEF RRUs ON NEW MAFI 4309 FREESTANDER MEDIUM





PROPOSED 2No. M2 MHAs & 2No. C1(a) COMBINERS FIXED TO ANTENNA SUPPORT POLES

PROPOSED 4No. TEF RRUs ON NEW MAFI 4309 FREESTANDER MEDIUM

PROPOSED ANTENNA PLAN
(1:50)

2000 1000 0 1000 2000 3000 4000 5000

ORIGINAL SCALE AT A1 – 1:50

ALL DIMENSIONS IN MILLIMETRES

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

WHP Telecoms Ltd

CTIL - LONDON

Cell Name	Opt.
PENDEREL HOUSE	–

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E319835 140779	004868	80449

Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

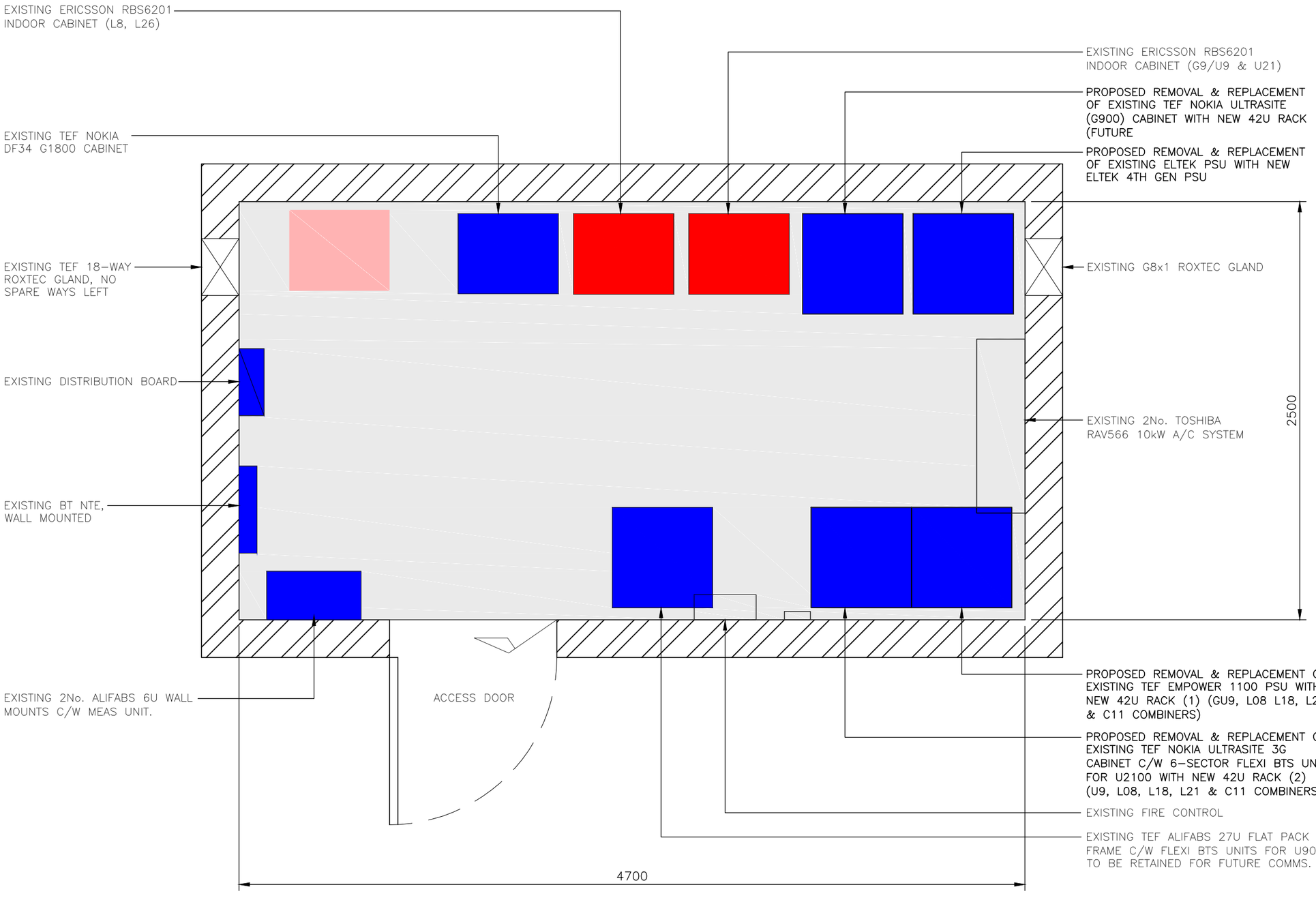
Drawing Title: ANTENNA LAYOUT

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 400

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

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18



EQUIPMENT ROOM LAYOUT

(1:25)

1000 500 0 1000 2000 3000

ORIGINAL SCALE AT A3 – 1:25

ALL DIMENSIONS IN MILLIMETRES

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

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

COLOUR KEY	
Shared Equipment	
VF Allocated Equipment	
TEF Allocated Equipment	
Shared Allocated Footprint	
VF Allocated Footprint	
TEF Allocated Footprint	
Unusable Space	

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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E319835 140779	004868	80449

Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title: EQUIPMENT ROOM LAYOUT

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 401

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

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18

EXISTING ANTENNA SCHEDULE

EXISTING ANTENNAS		OPERATOR	FUNCTION	FEEDER/DC/FIBRE									MHAs/RRUs/BIAS T's/JUMPERS/COMBINERS								ANTENNAS									
				LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW)				TYPE (COAX OR DC/FIBRE)	FEEDERS QTY		DC/FIBRE QTY	DC/FIBRE LENGTH	MHA NOKIA QTY	MHA E'SSON QTY	RRU QTY	BIAS T QTY	RRU TO ANTENNA JUMPER LENGTH (TO BE WITHIN MAX LENGTH ALLOWED AS PER CTIL DESIGN SPEC)	MHA TO ANTENNA JUMPER LENGTH (m) – RTOPS & GFIELDS)	COMBINERS (HIGH LEVEL)	COMBINERS (LOW LEVEL IN CABINET, CABIN ETC)	ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO U/S (m)	HEIGHT TO C/L (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
				MF1	MF(J1)	MF(J2)	TOTAL		EX'TNG	PROP																			
SEC 1		TEF	SPARE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	50	29.3	27.2	28.3	POLE MOUNT	REMAIN	–
		TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1b								
	E	TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1c								
		TEF	1U21	7/8=25m	–		25m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA1d								
		TEF	1U21	7/8=25m	–		25m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA1e								
	E	TEF	1G09	7/8=25m	–	–	25m	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EB1	JAYBEAM 60X4DF	80	29.3	26.9	28.1	POLE MOUNT	REMOVE	–
SEC 2		TEF	SPARE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	150	29.3	27.2	28.3	POLE MOUNT	REMAIN	–
		TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2b								
	E	TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2c								
		TEF	2U21	7/8=10m	–		10m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA2d								
		TEF	2U21	7/8=10m	–		10m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA2e								
	E	TEF	2G09	7/8=10m	–	–	10m	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EB2	JAYBEAM 60X4DF	180	29.3	26.9	28.1	POLE MOUNT	REMOVE	–
SEC 3		TEF	SPARE		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	270	29.3	27.2	28.3	POLE MOUNT	REMAIN	–
		TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3b								
	E	TEF	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3c								
		TEF	3U21	7/8=18m	–	–	18m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA3d								
		TEF	3U21	7/8=18m	–	–	18m	COAX	2	–	–	–	1	–	–	–	–	–	–	–	EA3e								
	E	TEF	3G09	7/8=18m	–	–	18m	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EB3	JAYBEAM 60X4DF	300	29.3	26.9	28.1	POLE MOUNT	REMOVE	–

Notes:

1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

CTIL - LONDON

Cell Name	Opt.
PENDEREL HOUSE	–

Cell ID No

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E319835 140779	004868	80449

Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title: EXISTING ANTENNA SCHEDULE

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 500

Surveyed By: MS — Original Sheet Size: A3 — Pack Issue: A

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18

TEF RF CODE: LGD2-G-M66-BN

PROPOSED ANTENNA SCHEDULE

PROPOSED & EXISTING ANTENNAS	OPERATOR	FUNCTION	FEEDER/DC/FIBRE: LENGTH(m) & DIAMETER (SEE GUIDANCE NOTES BELOW) MF1	MF(J1)	MF(J2)	TOTAL	TYPE (COAX OR DC/FIBRE)	FEEDERS QTY EX'TNG	FEEDERS QTY PROP	DC/FIBRE QTY	DC/FIBRE LENGTH	MHAs/RRUs/BIAS T's/JUMPERS/COMBINERS: MHA NOKIA QTY	MHA E'SSON QTY	RRU/ERS QTY	BIAS T QTY	RRU TO ANTENNA JUMPER LENGTH (TO BE WITHIN MAX LENGTH ALLOWED AS PER CTIL DESIGN SPEC)	MHA TO ANTENNA JUMPER LENGTH (m) – RTOPS & GFIELDS)	COMBINERS (HIGH LEVEL)	COMBINERS (LOW LEVEL IN CABINET, CABIN ETC)	ANTENNAS: ANT. REF.	ANTENNA MANUFACTURERS PART No.	BRG°	HEIGHT TO TOP (m)	HEIGHT TO U/S (m)	HEIGHT TO C/L (m)	LOCATION (POLE MOUNTED, HEADFRAME, WITHIN SHROUD ETC)	STATUS	COMMENTS
SEC 1/2	TEF	1G09	7/8=25m	–	–	25	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EA1a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	30	29.3	27.3	28.3	POLE MOUNT	REUSE	–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1b								–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA1c								–
P	TEF	1L18	7/8=22m	1/2=2m	1/2=1m	25	COAX	2	–	–	–	M1 18/21	–	–	–	–	0.5m	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	EA1d		0						–
	TEF	1L21		1/2=2m																									
	TEF	2L18		1/2=2m	1/2=1m							M1 18/21	–	–	–	–	0.5m			EA1e		60						–
	TEF	2L21		1/2=2m																									
P	TEF	1L08	7/8=22m	1/2=2m	1/2=1m	25	COAX	2	–	–	–	–	–	–	–	–	–	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	B1a	COMMSCOPE 2CPX208R–V1 (Q–CODE: DB35GG21C4)	0	29.3	27.3	28.3	POLE MOUNT	NEW	–
	TEF	1U09		1/2=2m																									
	TEF	2L08		1/2=2m	1/2=1m							–	–	–	–	–	–			B1b		60						–
	TEF	2U09		1/2=2m																									
SEC 2/3/4	TEF	2G09	7/8=10m	–	–	10	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EA2a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	150	29.3	27.3	28.3	POLE MOUNT	REUSE	–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2b								–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA2c								–
P	TEF	3L18	7/8=7m	1/2=2m	1/2=1m	10	COAX	2	–	–	–	M1 18/21	–	–	–	–	0.5m	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	EA2d		120						–
	TEF	3L21		1/2=2m																									
	TEF	4L18		1/2=2m	1/2=1m							M1 18/21	–	–	–	–	0.5m			EA2e		180						–
	TEF	4L21		1/2=2m																									
P	TEF	3L08	7/8=7m	1/2=2m	1/2=1m	10	COAX	2	–	–	–	–	–	–	–	–	–	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	B2a	COMMSCOPE 2CPX208R–V1 (Q–CODE: DB35GG21C4)	120	29.3	27.3	28.3	POLE MOUNT	NEW	–
	TEF	3U09		1/2=2m																									
	TEF	4L08		1/2=2m	1/2=1m							–	–	–	–	–	–			B2b		180						–
	TEF	4U09		1/2=2m																									
SEC 3/5/6	TEF	3G09	7/8=18m	–	–	18	COAX	2	–	–	–	–	–	–	–	–	–	–	–	EA3a	COMMSCOPE CVV2NPX308_208R (Q-CODE: H65DUU33WW20C10)	300	29.3	27.3	28.3	POLE MOUNT	REUSE	–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3b								–
	SPARE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	EA3c								–
P	TEF	5L18	7/8=15m	1/2=2m	1/2=1m	18	COAX	2	–	–	–	M1 18/21	–	–	–	–	0.5m	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	A3dE		270						–
	TEF	5L21		1/2=2m																									
	TEF	6L18		1/2=2m	1/2=1m							M1 18/21	–	–	–	–	0.5m			EA3e		330						–
	TEF	6L21		1/2=2m																									
P	TEF	5L08	7/8=15m	1/2=2m	1/2=1m	18	COAX	2	–	–	–	–	–	–	–	–	–	2No. C1(a) (L08–U09)– (L18–LU21) COMBINERS	2No. C11 (L08/U09/ L18/LU21) COMBINERS	B3a	COMMSCOPE 2CPX208R–V1 (Q–CODE: DB35GG21C4)	270	29.3	27.3	28.3	POLE MOUNT	NEW	–
	TEF	5U09		1/2=2m																									
	TEF	6L08		1/2=2m	1/2=1m							–	–	–	–	–	–			B3b		330						–
	TEF	6U09		1/2=2m																									

Notes:

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2 DRAWING TO SCALE WHEN PRINTED AT A3

N.G.R E: 530833 N: 181578

CONCESSION REQUIRED: NO

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED
–	–

CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE
–	–	–

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

WHP Telecoms Ltd

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Cell ID No

CTIL	TEF	VF
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Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

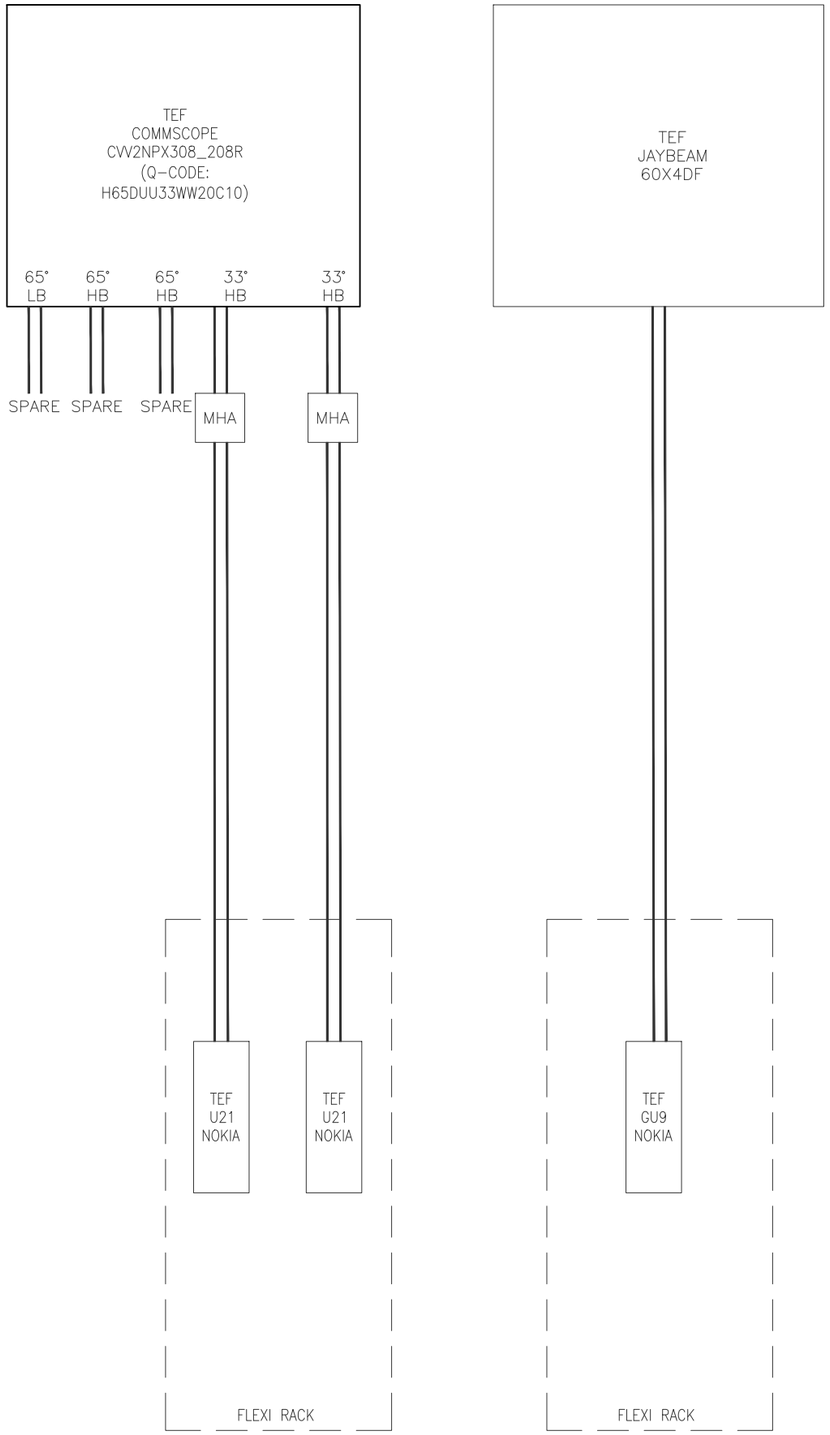
Drawing Title: PROPOSED ANTENNA SCHEDULE

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 501

Surveyed By: MS — Original Sheet Size: A3 — Pack Issue: A

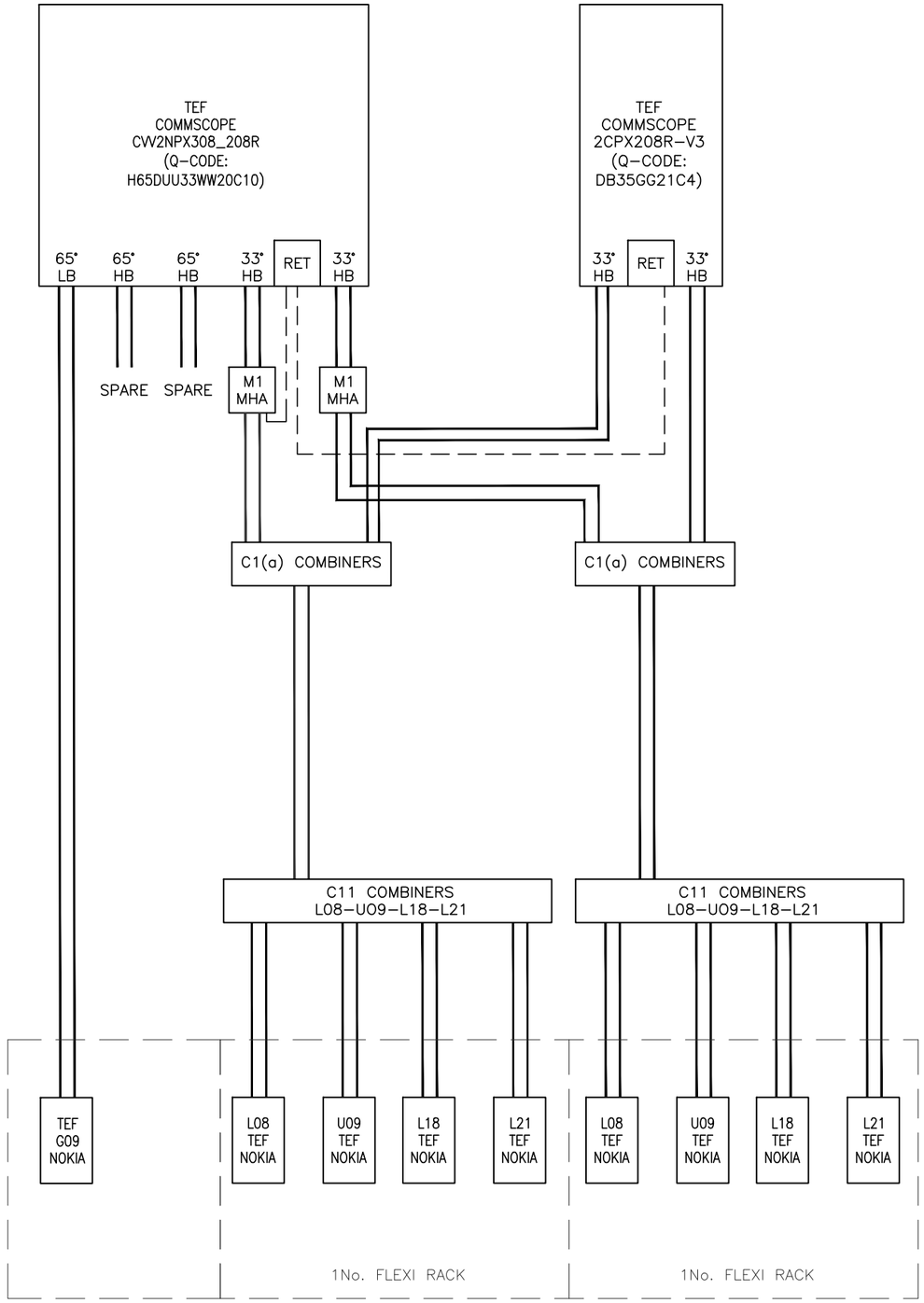
Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18



EXISTING TEF ANTENNA AND RF SYSTEM DESIGN SCHEMATIC

(NTS)

LGD2-G-M66-BN



PROPOSED ANTENNA AND RF SYSTEM SCHEMATIC

(NTS)

Notes:

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N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

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283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title:
R.F. SYSTEM SCHEMATIC

Purpose of issue:	Dwg Rev:
PLANNING	A

Drawing Number:			
502			A
Surveyed By: MS		Original Sheet Size: A3	Pack Issue:
Drawn: SPD	Date: 27.03.18	Checked: DS	Date: 27.03.18

SUPPORT STRUCTURE SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	STRUCTURE HEIGHT	FOUNDATION TYPE (ROOT/PAD/GRILLAGE)	FOUNDATION DIMENSIONS (WxDxH)	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	TEF	–	114.3ø CHS POLE	–	–	–	GALVANISED	REMAIN	3No.
EXISTING	TEF	–	60.3ø CHS POLE	–	–	–	GALVANISED	REMAIN	6No.
EXISTING	TEF	–	OFFSET BRACKET	–	–	–	GALVANISED	REMAIN	6No.
PROPOSED	TEF	–	GPS BRACKET	–	–	–	GALVANISED	NEW	SXK 107 2860/1
PROPOSED	TEF	MAFI	4309 FREESTANDER MEDIUM	–	–	–	GALVANISED	NEW	3No.

ENCLOSURE SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	DIMENSIONS (WxDxH)	LOCATION	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	TEF/VF	–	EQUIPMENT ROOM	4700x2500x2500	–	–	REMAIN	–
EXISTING	TEF	NOKIA	1/2HT FLEXI RACK	600x600x1000	EQUIPMENT ROOM	GREY	REMAIN	G9, U9
EXISTING	TEF	NOKIA	DE34	600x600x1800	EQUIPMENT ROOM	GREY	REMAIN	–
EXISTING	TEF	ELTEK	2ND GEN PSU	600x600x1500	EQUIPMENT ROOM	GREY	REMOVE	–
EXISTING	TEF	EMPOWER	1100-14 PSU	600x480x1600	EQUIPMENT ROOM	GREY	REMOVE	–
EXISTING	VF	ERICSSON	RBS6201	600x485x1600	EQUIPMENT ROOM	GREY	REMAIN	U9, U21
EXISTING	VF	ERICSSON	RBS6201	600x485x1600	EQUIPMENT ROOM	GREY	REMAIN	L08, L21, L26
PROPOSED	TEF	NOKIA	42U FLEXI RACK 1	600x600x1800	EQUIPMENT ROOM	GREY	NEW	L08, G9, U9, L18, L21
PROPOSED	TEF	NOKIA	42U FLEXI RACK 2	600x600x1800	EQUIPMENT ROOM	GREY	NEW	L08, U9, L18, L21
PROPOSED	TEF	ELTEK	4TH GEN ID PSU	600x600x1500	EQUIPMENT ROOM	GREY	NEW	–

RF EQUIPMENT SCHEDULE

EXISTING/ PROPOSED	OPERATOR	MANUFACTURER	MODEL	DIMENSIONS (WxDxH)	LOCATION	QUANTITY	COLOUR/ FINISH	STATUS	COMMENTS
EXISTING	TEF	NOKIA	FLEXI MODULES	490x560x133	FPR	4	GREY	REMOVE	G9, U9, U21
PROPOSED	TEF	NOKIA	FXDB	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	G900
PROPOSED	TEF	NOKIA	FSMF	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	G900
PROPOSED	TEF	NOKIA	FXDB1	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	U900
PROPOSED	TEF	NOKIA	FRGU1	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	L2100
PROPOSED	TEF	NOKIA	FXED1	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	L1800
PROPOSED	TEF	NOKIA	FRMC/F	490x560x133	FLATPACK FRAME (1)	1	GREY	NEW	L800
PROPOSED	TEF	NOKIA	FXDB2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	U900
PROPOSED	TEF	NOKIA	FSMF2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	U900
PROPOSED	TEF	NOKIA	FSMF1	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	U900
PROPOSED	TEF	NOKIA	FRGU2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	L2100
PROPOSED	TEF	NOKIA	FXED2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	L1800
PROPOSED	TEF	NOKIA	FRMC/F2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	L800
PROPOSED	TEF	NOKIA	FSMF2	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	L8/L18/L21
PROPOSED	TEF	NOKIA	FSMF1	490x560x133	FLATPACK FRAME (2)	1	GREY	NEW	L8/L18/L21
PROPOSED	TEF	NOKIA	FXDB	490x560x133	FPR (2)	1	GREY	NEW	U09
EXISTING	TEF	RADIO DESIGN	TYPE 5 COMBINERS	–	CABIN CEILING	3	GREY	REMOVE	G9, U9, G18
PROPOSED	TEF	KATHREIN	M1 18/21 MHA	168x274x120	CHS SUPPORT POLE	6	GREY	NEW	–
PROPOSED	TEF	NOKIA	C11	253x328x131	FLATPACK FRAME (1)	3	GREY	NEW	08/U9/L18/L21
PROPOSED	TEF	NOKIA	C11	253x328x131	FLATPACK FRAME (2)	3	GREY	NEW	08/U9/L18/L21
PROPOSED	TEF	COMMSCOPE	C1 (a)	125x145x38	CHS SUPPORT POLE	6	GREY	NEW	08/U9/L18/L21
PROPOSED	TEF	ROSENBERGER	GPS 0307	–	TX RACK	1	GREY	NEW	–
PROPOSED	TEF	ROSENBERGER	GPS MODULE	109ø x120	SECTOR 1 POLE	1	GREY	NEW	–

Notes:

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N.G.R E: 530833 N: 181578

CONCESSION REQUIRED NO

DESIGN CONCESSION LIST

No.	DESCRIPTION OF CONCESSION REQUIRED
–	–

CONCESSION TYPE	CONCESSION NUMBER	APPROVAL DATE
–	–	–

NOTES:

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	SPD	DS	27.03.18

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Cell ID No

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E319835 140779	004868	80449

Site Address / Contact Details

PENDEREL HOUSE
283 HIGH HOLBORN
LONDON
GREATER LONDON
WC1R 5DJ

Drawing Title: EQUIPMENT SCHEDULE

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 503

Surveyed By: MS — Original Sheet Size: A3 — Pack Issue: A

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18

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	–	–	–	UNKNOWN	–	–	–
EXISTING	TEF	MEMSHIELD	DISTRIBUTION BOARD	DNO	THREE	100	–	–

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	2ND GEN PSU	EQUIPMENT ROOM	32 x 3	2.0	5	Y	REMOVE
EXISTING	TEF	EMPOWER	1100-14 PSU	EQUIPMENT ROOM	20 x 3	–	3	N	–
PROPOSED	TEF	ELTEK	4TH GEN PSU	EQUIPMENT ROOM	TBC	3.0	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	VF	WALL MOUNTED RACK	FIBRE ONLY (BT MEAS)	3U + 4U	X	–	2No.

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	TOSHIBA	RAV-SM1104ATP-E	AC	1.53	10	10.2	N	REMAIN	2No.

Notes:

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N.G.R	E: 530833 N: 181578
CONCESSION REQUIRED	NO

DESIGN DEPENDENCIES		COMPLETED
STAT SEARCH RESULTS	NO	–
ASBESTOS REPORT	✓	TBC
RADAR SCAN REPORT	NO	–
COOLING CALCS	✓	27.03.2018
LL FIRE ALARM ASSESS.	✓	TBC
GDC LEVEL 2	NO	–
STRUCTURAL CALCS	✓	TBC
HD BOLT GRADE TEST	NO	–
FOUNDATION CALCS	NO	–
BOREHOLE REPORT	NO	–
TRIAL HOLE REPORT	NO	–
BOLT PULL TEST	NO	–
BUILDING REG'S APP.	NO	–
NET RAIL TECH PACK	NO	–
DNO QUOTE APPROVAL	NO	–
HOOPED LADDER	NO	–

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

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GREATER LONDON
WC1R 5DJ

Drawing Title: EQUIPMENT SCHEDULE

Purpose of issue: PLANNING — Dwg Rev: A

Drawing Number: 504

Surveyed By: MS — Original Sheet Size: A3 — Pack Issue: A

Drawn:	Date:	Checked:	Date:
SPD	27.03.18	DS	27.03.18