

[illegible]

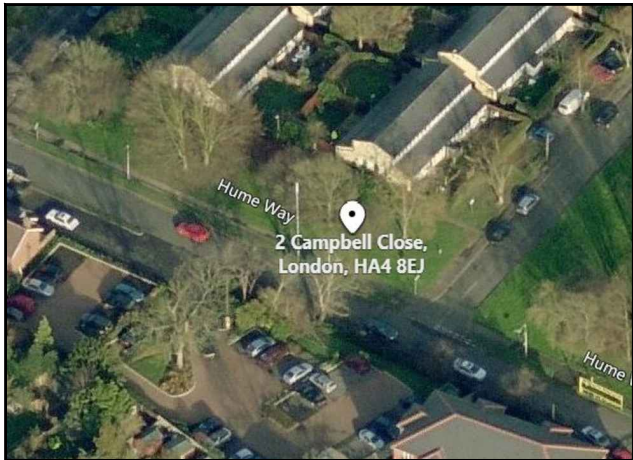
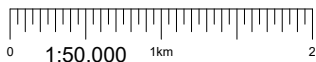
y1.7

SITE LOCATION

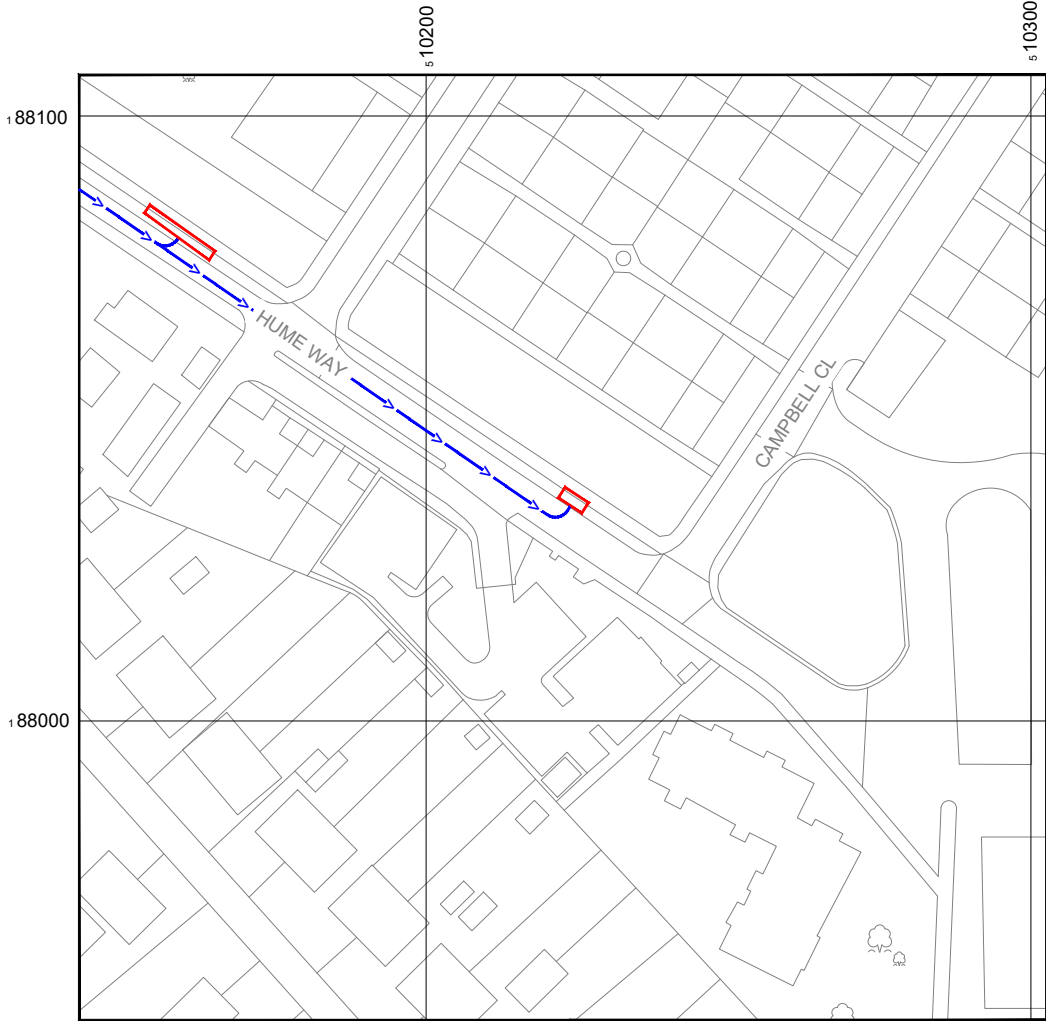


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SITE AREA PLAN



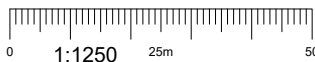
SITE PHOTOGRAPH



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Existing: NGR E: 510224 N: 188036
Proposed: NGR E: 510152 N: 188088

SITE LOCATION PLAN



GOOGLE MAPS QR CODE

GOOGLE MAPS - <https://goo.gl/maps/prVGtsfuhA7Dxxo7A>

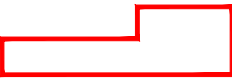
GOOGLE STREETVIEW - <https://goo.gl/maps/eTUTM5kjFzj9uuDYA>

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

DIRECTIONS TO SITE:
FROM THE A4180 RUISLIP, TAKE THE B466 TOWARDS EASTCOTE,
HUME WAY IS LOCATED ON THE RIGHT HAND SIDE AFTER ABOUT
HALF A MILE, ADJACENT TO A SCHOOL AND LEISURE CENTRE.

Site Provider's
Property Boundary:



Access Route To Site:



Access Route:



Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner			

ACQ



Hutchison 3G UK Limited
Star House, 20 Grenfell Road
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UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	002 SITE LOCATION PLAN		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:	
70284	HGN032	HA0072	
Master Drawing No:			Issue:
732715_HGN032_70284_HA0072_M003			C

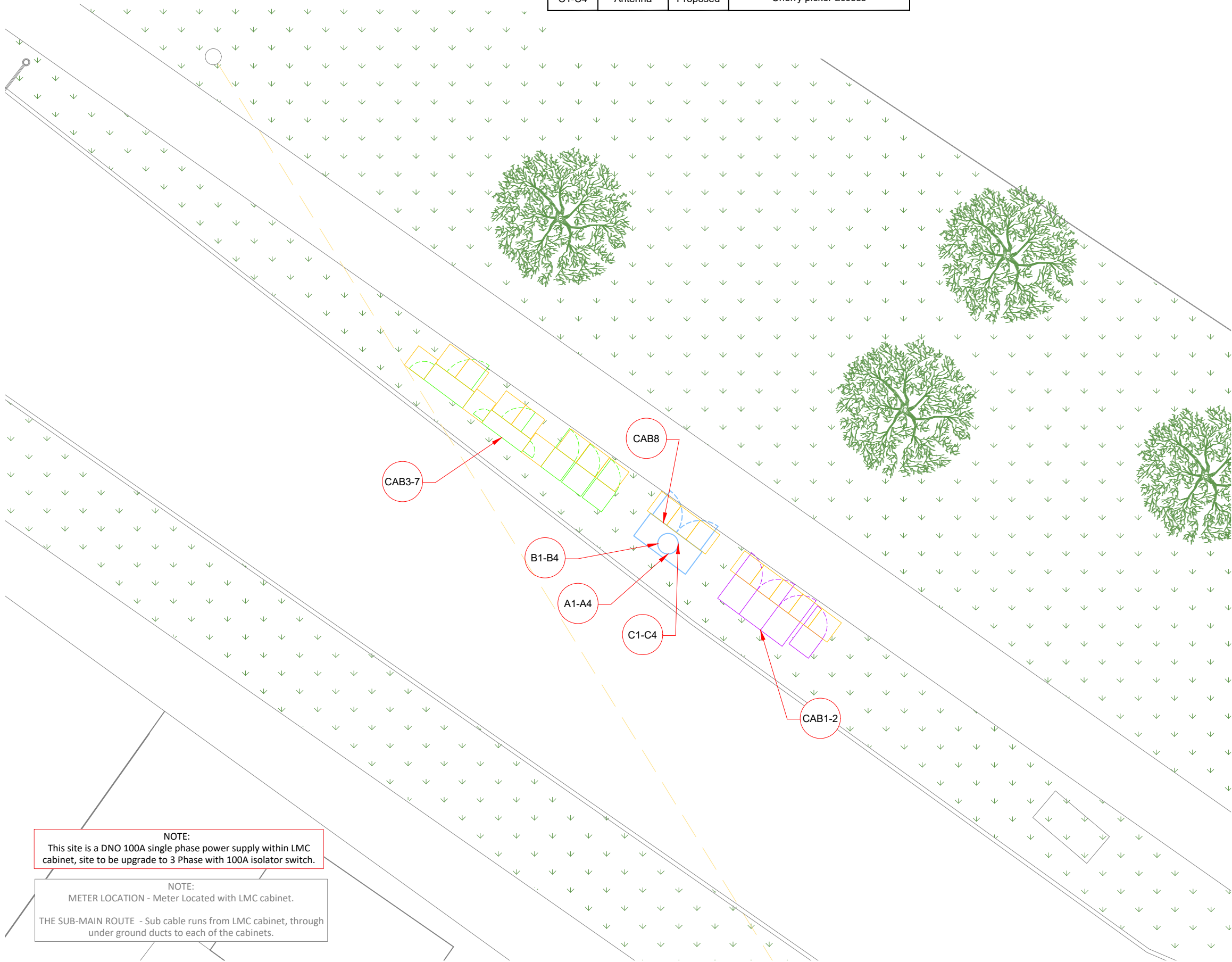


Asset Reference	Asset Description:	Asset Status:	Antenna / Dish / MHA / RRU / Equipment Access Description:	Asset Reference	Asset Description:	Asset Status:	Antenna / Dish / MHA / RRU / Equipment Access Description:
A1-A4	Antenna	Proposed	Cherry picker access	CAB1-8	Cabinets	Proposed	Unrestricted access
B1-B4	Antenna	Proposed	Cherry picker access				
C1-C4	Antenna	Proposed	Cherry picker access				

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

DEFINED ACCESS ROUTE DESCRIPTION FROM SITE ENTRANCE TO THE EQUIPMENT:



Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner			



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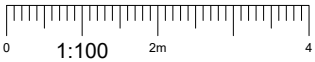


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UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	003 ACCESS PLAN		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		Issue: C

ACCESS PLAN





NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

PROPOSED CRANE OR CHERRY PICKER LOCATION:

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner	ACQ		

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Site Name:

HUME WAY

Site ID:

732715

Address:

HUME WAY
RUISLIP
HILLINGDON
LONDON
HA4 8DY

Title:

005 CHERRY PICKER & CRANE LOCATION

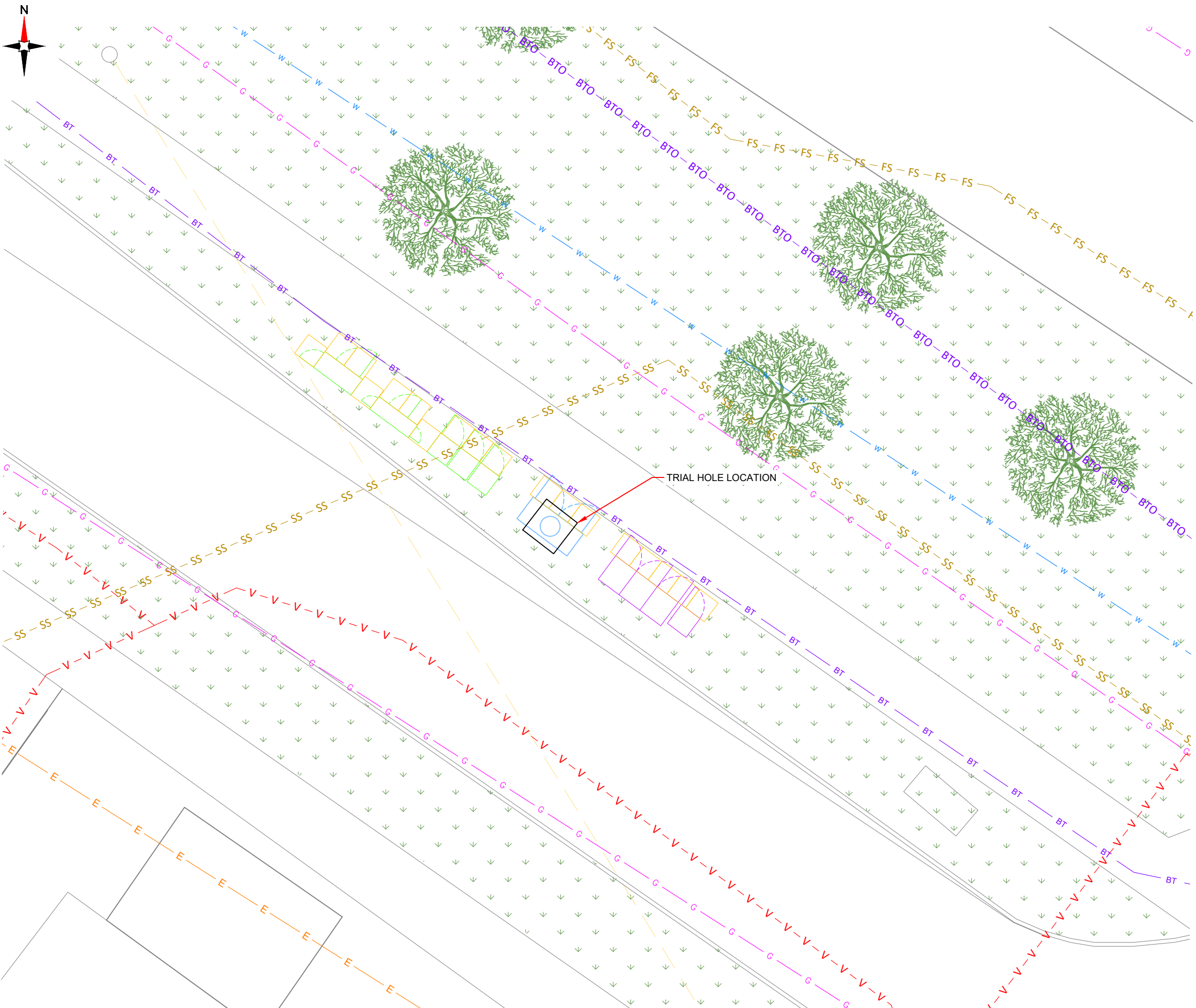
Project:

T & A

Purpose of Issue:

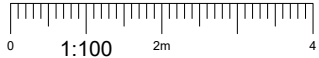
GENERAL ARRANGEMENT

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
70284	HGN032	HA0072
Master Drawing No:		Issue:
732715_HGN032_70284_HA0072_M003		C



100mm
50mm
10mm

SERVICES PLAN



NOTES:
1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

SERVICES:
BT BT BT
BTO BTO BTO BTO BTO
E E E
G G G
FS FS FS FS FS FS FS
SS SS SS SS SS SS
V V V V V V V
W W W W

Master: M003	MBNL / EE / H3G:	Project: T&A	Purpose of Issue: Planning	Issue: C
Date: 14/04/2020	Revision / Upgrade Description: Amends to site topography			
Drawn: K. Soper				
Checked: T. Clifford				
Approved: M. Venner				
Master: M002	MBNL	Project: T&A	Purpose of Issue: Planning	Issue: B
Date: 21/02/2020	Revision / Upgrade Description: Site Location Change			
Drawn: K. Naveen				
Checked: T. Clifford				
Approved: M. Venner				
Master: M001	MBNL	Project: T&A	Purpose of Issue: Planning	Issue: A
Date: 01/08/2019	Revision / Upgrade Description: First Issue			
Drawn: R. Manikandan				
Checked: T. Clifford				
Approved: M. Venner				

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Site Name: HUME WAY
Site ID: 732715
Address: HUME WAY
RUISLIP
HILLINGDON
LONDON
HA4 8DY
Title: 006 SERVICES PLAN
Project: T & A
Purpose of Issue: GENERAL ARRANGEMENT
EE Cell ID: 70284 MBNL Cell ID: HGN032 3UK Cell ID: HA0072
Master Drawing No: 732715_HGN032_70284_HA0072_M003 Issue: C

DEPENDENCY	STATUS
RF Compliance	Pass - complies with stepdowns Sector A - Stepdown 2 Sector B - Stepdown 2 Sector C - Stepdown 2
Building Regulations Approval	N/A
Asbestos	N/A
Planning Conditions	TBC by Local Authority
Geotech Report	To be obtained bt Tower Manufacturer
Structural Calculations	N/A
Intrusive Building Survey	N/A
Global Design Check	Required on new monopole by tower manufacturer
Rigging Survey	N/A
FIXITS	N/A - Step-Downs applied
Power 3	Existing single phase 100A supply to be upgraded to 3 phase within Mk5 cabinet
Transmission Solution	Existing BT & Tx equipment to be relocated within Mk5 cabinet
Cooling Solution	N/A
Line of Site Survey	N/A
Services Search	Completed (SW)
Other	

RIGGING INSERTION LOSS - FIXIT RAISED: 33947
EE L2600A loss of -3.145dB exceeds the -3dB limit.

Awaiting approved control measures

NOTES:

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M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
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Approved:	M. Venner	ACQ		



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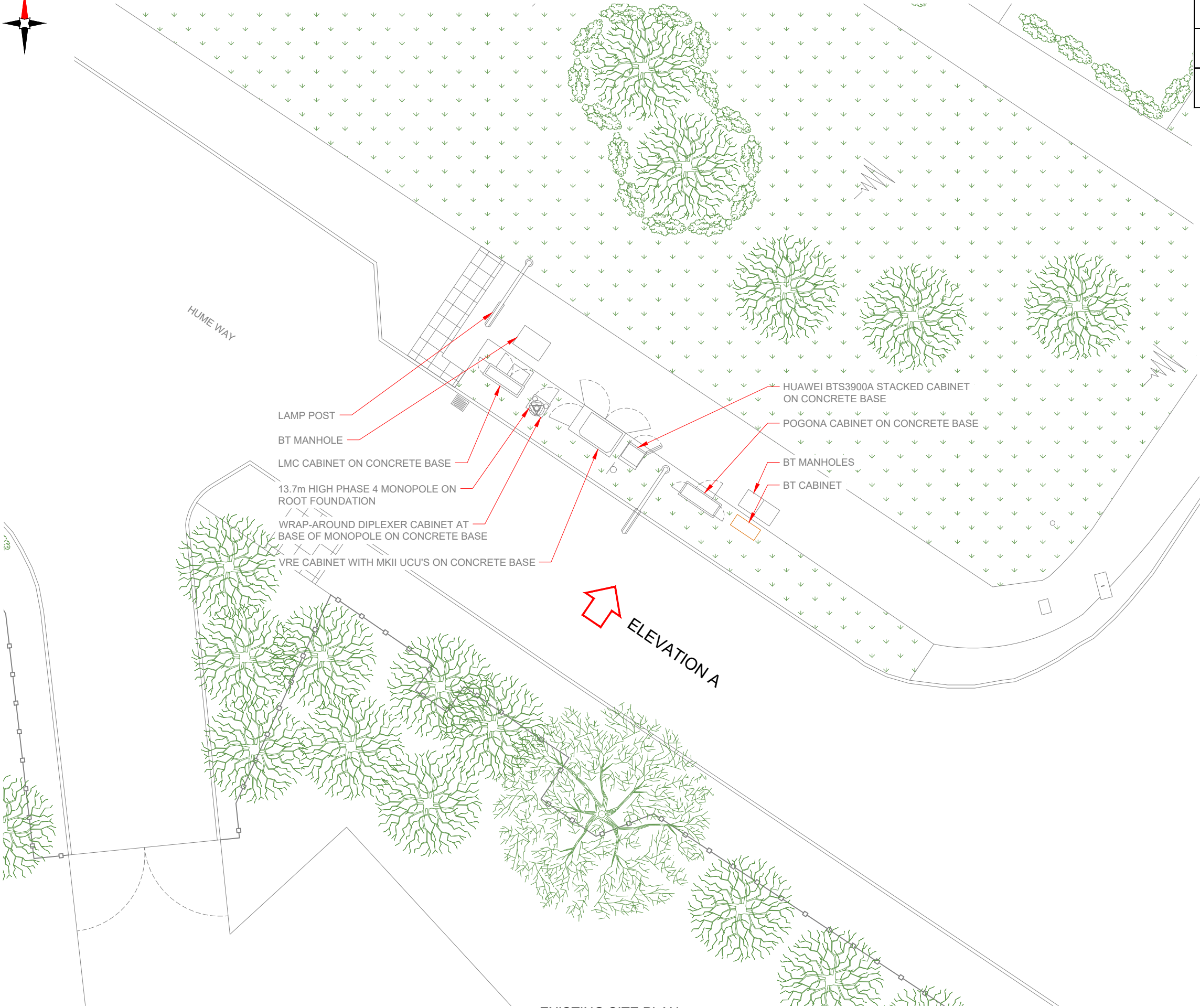
Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	007 FIXITs & DEPENDENCIES		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:	
70284	HGN032	HA0072	
Master Drawing No:			Issue:
732715_HGN032_70284_HA0072_M003			C



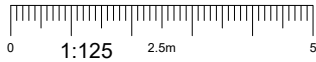
100mm

50mm

10mm



EXISTING SITE PLAN



3G Antenna ID	Existing 3G Bearing
uA1	0°
uB1	120°
uC1	240°

NOTES:
1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	C
Date:	14/04/2020	Revision / Upgrade Description:					
Drawn:	K. Soper	Amends to site topography					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	B
Date:	21/02/2020	Revision / Upgrade Description:					
Drawn:	K. Naveen	Site Location Change					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	A
Date:	01/08/2019	Revision / Upgrade Description:					
Drawn:	R. Manikandan	First Issue					
Checked:	T. Clifford						
Approved:	M. Venner						



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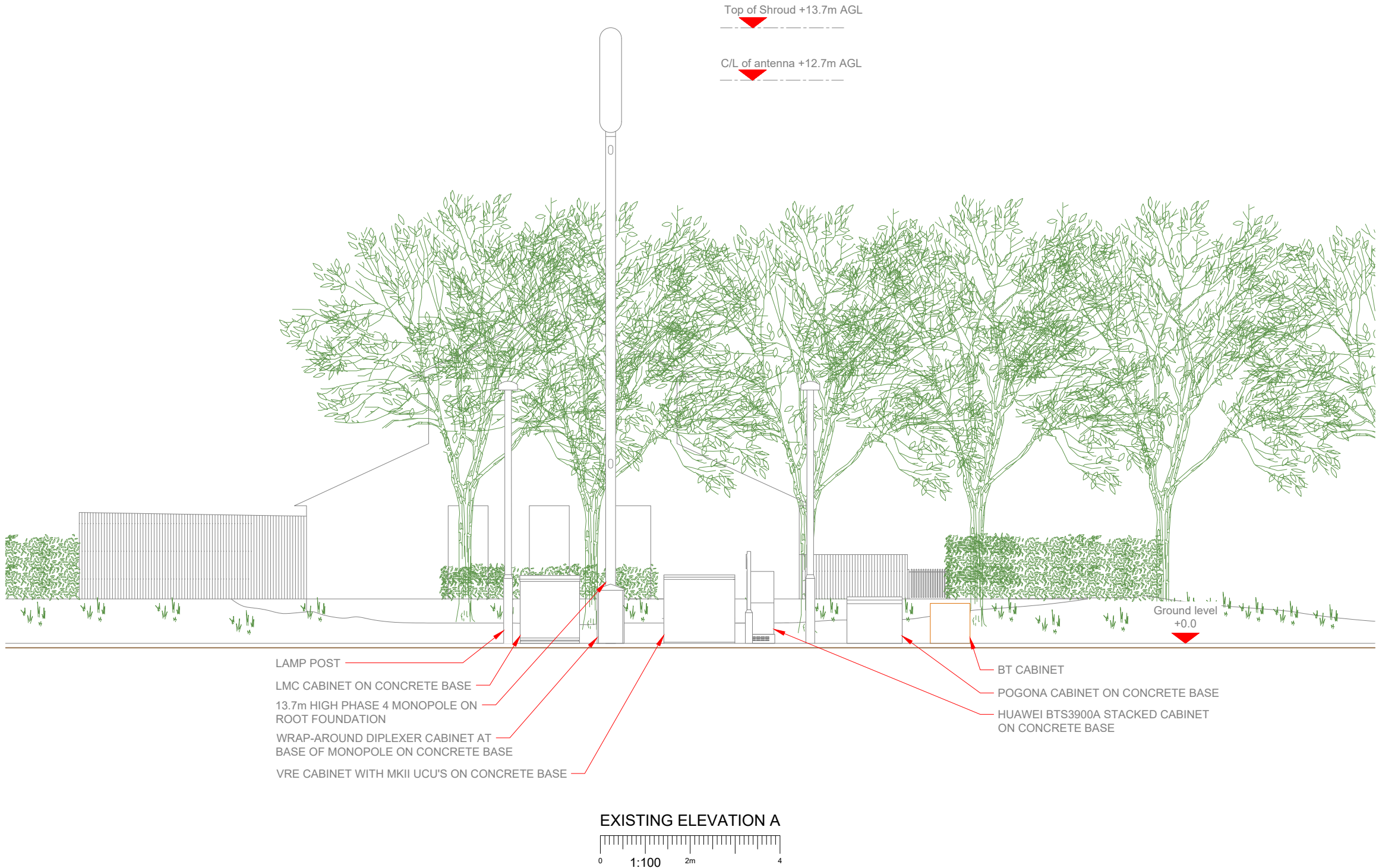
UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk
Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	100 EXISTING SITE PLAN		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:	
70284	HGN032	HA0072	
Master Drawing No:			Issue:
732715_HGN032_70284_HA0072_M003			C

3G Antenna ID	Existing 3G Bearing
uA1	0°
uB1	120°
uC1	240°

NOTES:

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Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	150 EXISTING ELEVATION A		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		
Issue:	C		



NOTE:
EXISTING SINGLE PHASE 100A SUPPLY TO BE UPGRADED TO
3 PHASE 100A SUPPLY WITHIN MK5 CABINET. EXISTING BT &
TX EQUIPMENT TO BE RELOCATED WITHIN MK5 CABINET

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

NOTES:
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M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
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Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
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Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	215 MAX CONFIGURATION SITE PLAN - SHEET 1		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
		3UK Cell ID:	HA0072
Master Drawing No:	732715_HGN032_70284_HA0072_M003		Issue:
			C

SITE CAPACITY & LEAD OPERATOR			
A	B	C	LEAD
HS2	HS2	HS2	H3G

LAMP POST

BT MANHOLE

LMC CABINET ON CONCRETE BASE
TO BE REMOVED

13.7m HIGH PHASE 4 MONOPOLE ON
ROOT FOUNDATION TO BE REMOVED

WRAP-AROUND DIPLEXER CABINET AT BASE OF
MONOPOLE ON CONCRETE BASE TO BE REMOVED

VRE CABINET WITH MKII UCU'S ON CONCRETE BASE
TO BE REMOVED

HUAWEI BTS3900A STACKED CABINET
ON CONCRETE BASE TO BE REMOVED

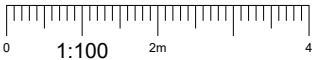
POGONA CABINET ON CONCRETE BASE
TO BE REMOVED

BT MANHOLES

BT CABINET

ELEVATION A

PROPOSED MAX CONFIGURATION SITE PLAN



100mm

50mm

10mm



NOTE:
EXISTING SINGLE PHASE 100A SUPPLY TO BE UPGRADED TO
3 PHASE 100A SUPPLY WITHIN MK5 CABINET. EXISTING BT &
TX EQUIPMENT TO BE RELOCATED WITHIN MK5 CABINET

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

NOTES:
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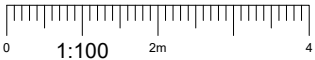
UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk
Tel: +44 (0)1822 610610

Site Name:		HUME WAY			
Site ID:		732715			
Address:		HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY			
Title: 216 MAX CONFIGURATION SITE PLAN - SHEET 2					
Project:		T & A			
Purpose of Issue:		GENERAL ARRANGEMENT			
EE Cell ID:	70284	MBNL Cell ID:	HGN032	3UK Cell ID:	HA0072
Master Drawing No:					Issue:
732715_HGN032_70284_HA0072_M003					C

SITE CAPACITY & LEAD OPERATOR			
A	B	C	LEAD
HS2	HS2	HS2	H3G

100mm
50mm
10mm

PROPOSED MAX CONFIGURATION SITE PLAN



PROPOSED PAVING SLABS INSTALLED AT FOOT
OF CABINET DOORS ON GRASS AREA FOR
HEALTH AND SAFETY OF WORKERS ON SITE

PROPOSED 1No. MK5 LINK AC CABINET TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

PROPOSED 1No. POGONA CABINET TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

PROPOSED 1No. APM5930 CABINET TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

PROPOSED 2No. HUAWEI CABINETS TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

PROPOSED 12No. ANTENNA APERTURES TO BE
INSTALLED ON PROPOSED STREETWORKS MONOPOLE

PROPOSED 20m HIGH STREETWORKS MONOPOLE,
TO BE INSTALLED APPROXIMATELY 85.5m FROM THE
EXISTING LOCATION AT NGR E: 510152 N: 188088

PROPOSED DIPLEXER CABINET TO BE INSTALLED ON
PROPOSED ROOT FOUNDATION

PROPOSED 1No. HUAWEI CABINET TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

PROPOSED 1No. WILTSHIRE CABINET TO BE
INSTALLED ON PROPOSED ROOT FOUNDATION

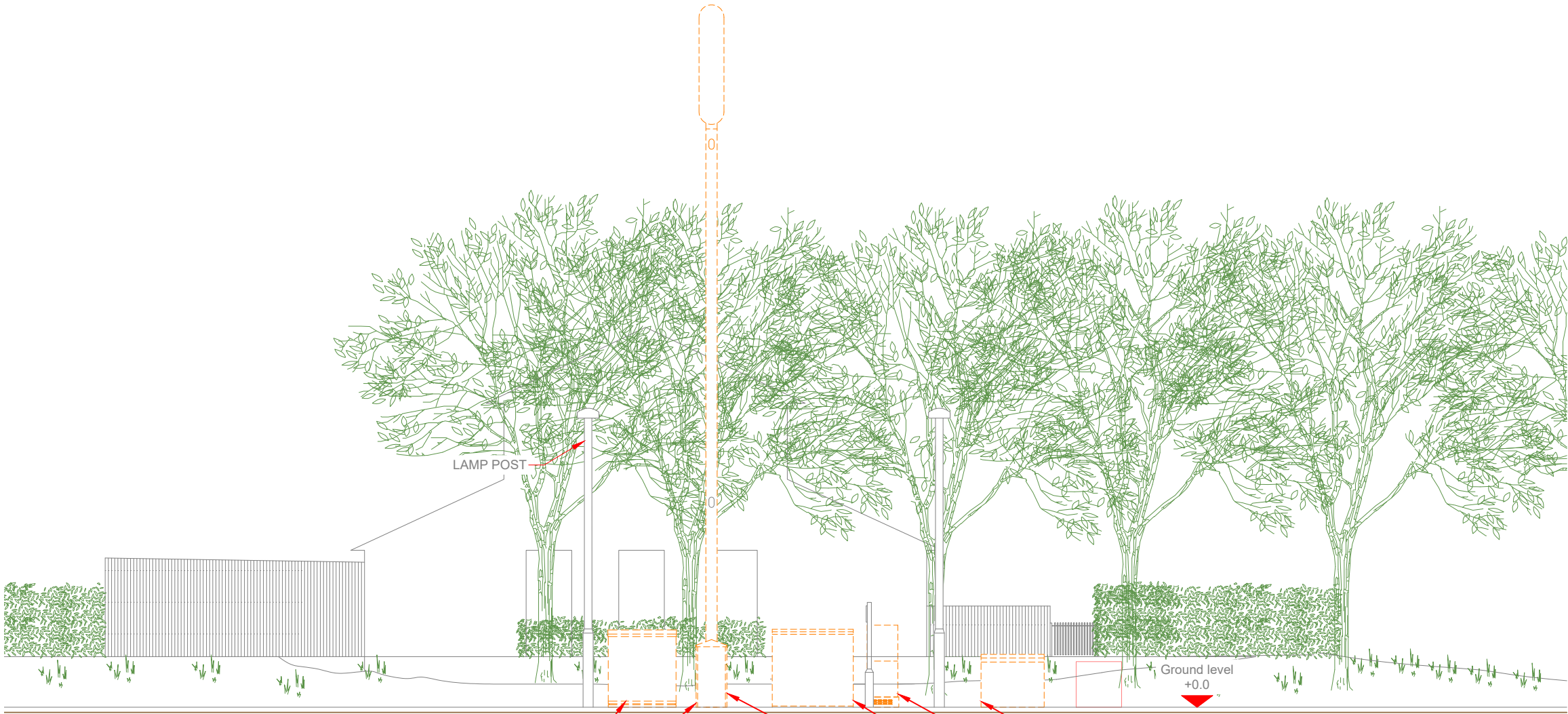
ELEVATION A

HUME WAY

NOTE:
EXISTING SINGLE PHASE 100A SUPPLY TO BE UPGRADED TO
3 PHASE 100A SUPPLY WITHIN MK5 CABINET. EXISTING BT &
TX EQUIPMENT TO BE RELOCATED WITHIN MK5 CABINET

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

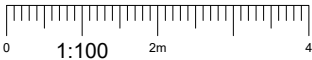
NOTES:
1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.



LMC CABINET ON CONCRETE BASE
TO BE RETAINED
13.7m HIGH PHASE 4 MONOPOLE ON
ROOT FOUNDATION TO BE REMOVED

POGONA CABINET ON CONCRETE BASE
TO BE REMOVED
HUAWEI BTS3900A STACKED CABINET
ON CONCRETE BASE TO BE REMOVED
VRE CABINET WITH MKII UCU'S ON
CONCRETE BASE TO BE REMOVED
WRAP-AROUND DIPLEXER CABINET AT
BASE OF MONOPOLE ON CONCRETE
BASE TO BE REMOVED

PROPOSED MAX CONFIGURATION ELEVATION



SITE CAPACITY & LEAD OPERATOR			
A	B	C	LEAD
HS2	HS2	HS2	H3G



Hutchison 3G UK Limited
Star House, 20 Grenfell Road
Maidenhead, SL6 1EH
Tel: 01628 765 500
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Available 8am-8pm Monday to Friday



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW
Tel: 01707 315000
Fax: 01707 319001



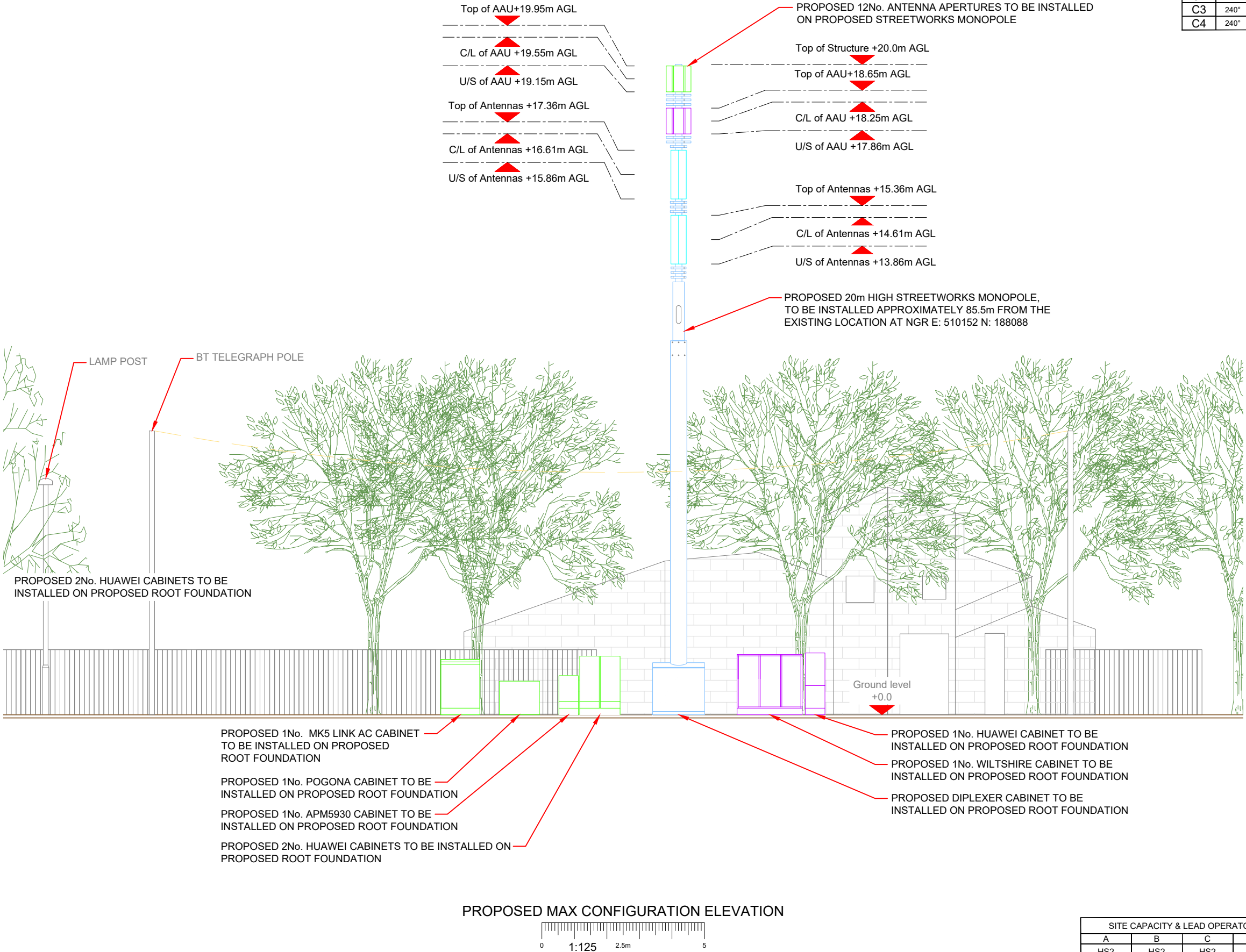
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Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	265 MAX CONFIGURATION ELEVATION - SHEET 1		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		Issue:
		C	

NOTE:
EXISTING SINGLE PHASE 100A SUPPLY TO BE UPGRADED TO
3 PHASE 100A SUPPLY WITHIN MK5 CABINET. EXISTING BT &
TX EQUIPMENT TO BE RELOCATED WITHIN MK5 CABINET



Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

NOTES:
1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

Master:	MBNL / EE / H3G	Project:	T&A	Purpose of Issue:	Planning	Issue:	C
M003	MBNL						
Date:	14/04/2020	Revision / Upgrade Description:					
Drawn:	K. Soper	Amends to site topography					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G	Project:	T&A	Purpose of Issue:	Planning	Issue:	B
M002	MBNL						
Date:	21/02/2020	Revision / Upgrade Description:					
Drawn:	K. Naveen	Site Location Change					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G	Project:	T&A	Purpose of Issue:	Planning	Issue:	A
M001	MBNL						
Date:	01/08/2019	Revision / Upgrade Description:					
Drawn:	R. Manikandan	First Issue					
Checked:	T. Clifford						
Approved:	M. Venner						



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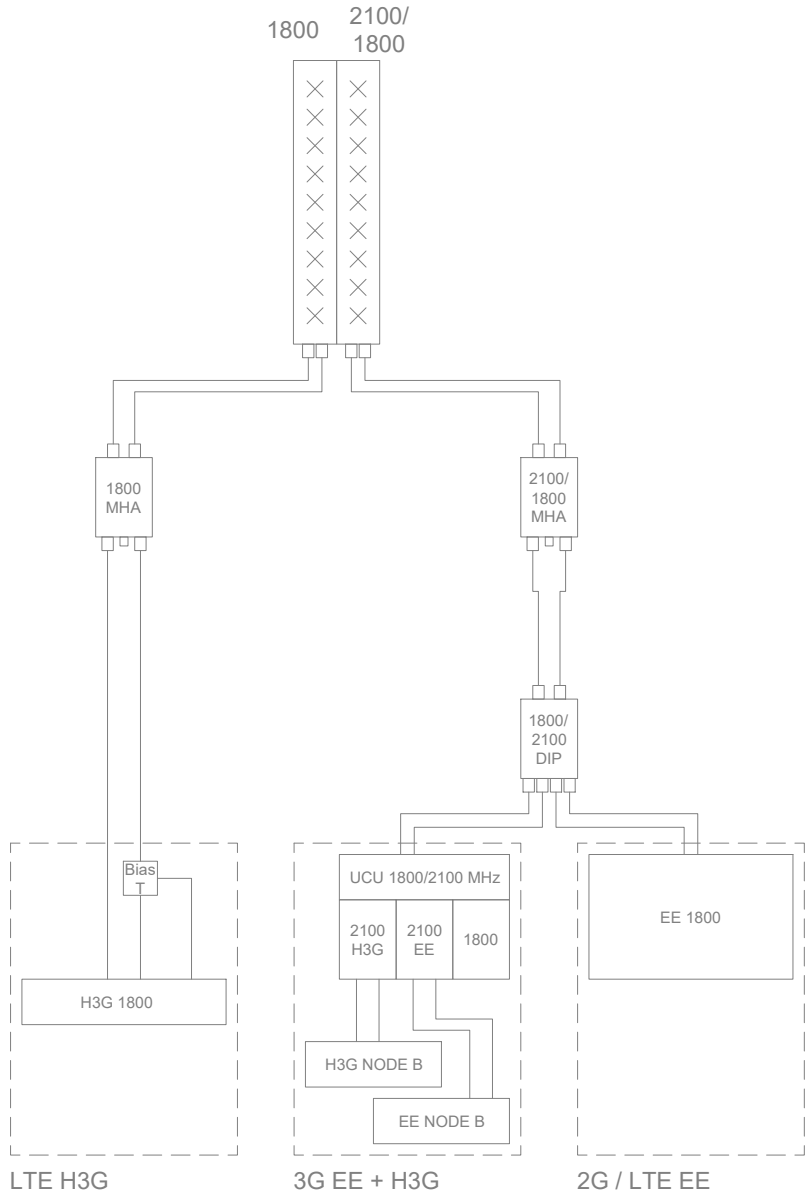
UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk
Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	266 MAX CONFIGURATION ELEVATION - SHEET 2		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:	
70284	HGN032	HA0072	
Master Drawing No:			Issue:
732715_HGN032_70284_HA0072_M003			C

SITE CAPACITY & LEAD OPERATOR			
A	B	C	LEAD
HS2	HS2	HS2	H3G

ANTENNA DETAILS											
ANTENNA REF	BEARING (°)	MID ANTENNA HEIGHT (m)	OVERALL FEEDER LENGTH (m)		MAIN FEEDER TYPE		MHA		ANTENNA MANUFA- CTURER	MODEL NUMBER	RET
			2G	3G/LTE	2G	3G/LTE	2G	3G/LTE			
C1A1/uA1/HeA1	0	12.7	Ex	21.0	LDF 4-50	LDF 4-50	-	3G/LTE MHA	Kathrein	742-236	Yes
C2A1/uB1/HeB1	120	12.7	Ex	21.0	LDF 4-50	LDF 4-50	-	3G/LTE MHA	Kathrein	742-236	Yes
C3A1/uC1/HeC1	240	12.7	Ex	21.0	LDF 4-50	LDF 4-50	-	3G/LTE MHA	Kathrein	742-236	Yes

NOTE:
THIS SCHEMATIC WAS AT TIME OF SURVEY



EXISTING ANTENNA SCHEMATIC
NTS

STATUS KEY:

Installed: Existing
Retain: Existing and to remain
Relocate: Existing and to be relocated
Remove: Existing to be removed from site
Proposed: New on site

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner	ACQ		



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Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	300 EXISTING ANTENNA SCHEDULE & LINE CONFIGURATION		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		
Issue:	C		

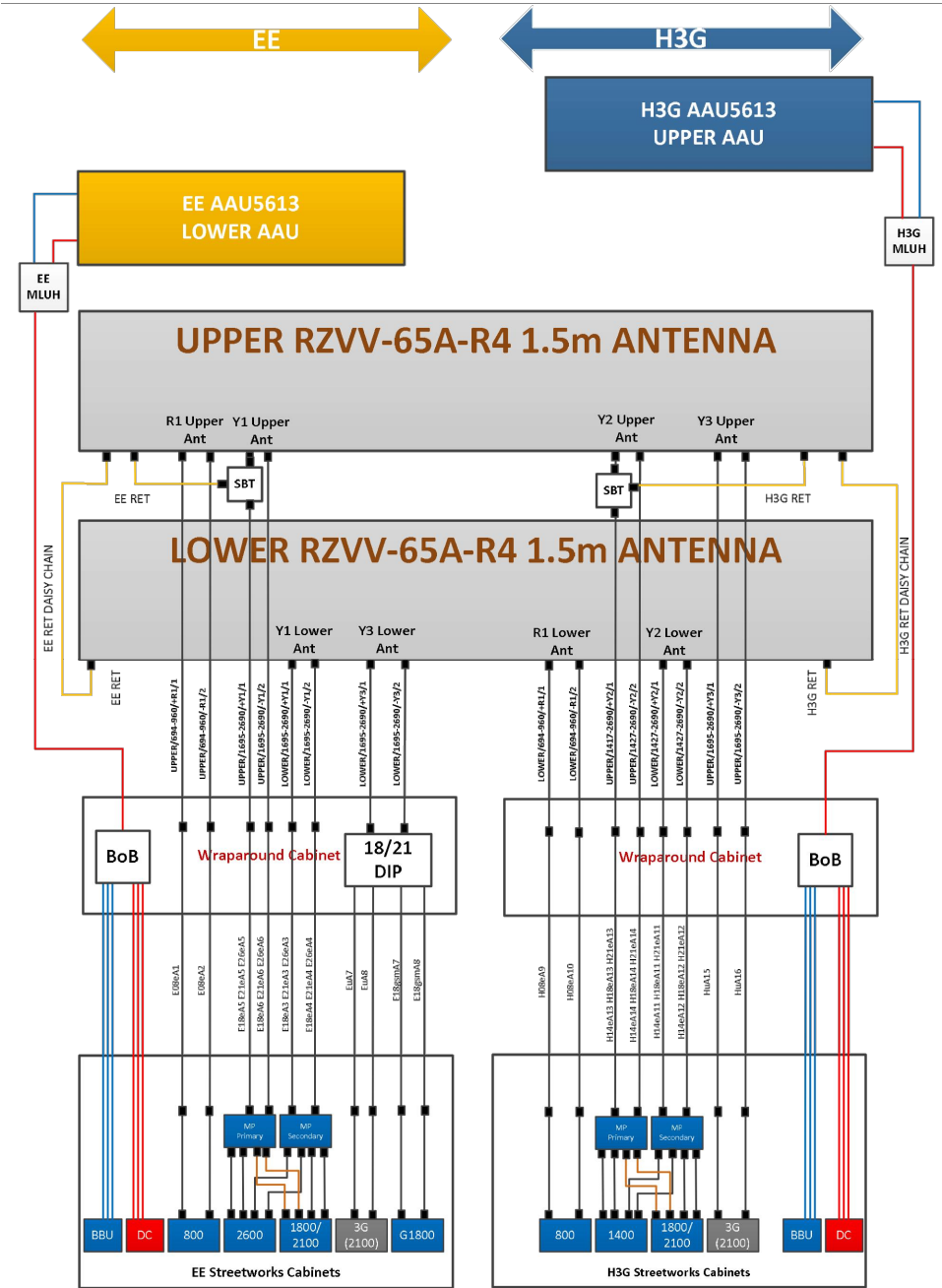
MAX CONFIGURATION ANTENNA APERTURE SCHEDULE & RF EQUIPMENT CAPACITY																		EXISTING 3G ANTENNA SCHEDULE			
Antenna Aperture ID	Antenna Aperture Size (Length x Width x Depth)	Aperture Height C/L	Aperture Max Weight (kg)	Proposed 4G/5G Bearing	Tech: 4G/5G	Operator: Shared/ EE/H3G	Antenna Aperture Coordinates		RRU No. Max Size & Weight L=300mm W=400mm D=150mm Weight=25kg	MHA No. Max Size & Weight L=300mm W=300mm D=150mm Weight=10kg	Main Feeder			BOB Max Size & Weight (300x300x250mm & 5kg)		Active Router No. Max Size & Weight (370x260x150mm & 10kg)	Passive Router No. Max Size & Weight (350x220x150mm & 10kg)	3G Antenna ID	Existing 3G Antenna Height C/L	Existing 3G Bearing	Notes: (detail any height/bearing alteration from existing 3G height/bearing, including the reason for the change)
							Eastings	Northings			Size	Length	No.	No. Top	No. Bottom						
A1	795x395x220mm	19.55m	45kg	0°	5G	H3G	-	-	0	-	LCF78-50	6	4	0	1	0	2	uA1	12.7m	0°	HS2 config height increase due to pole height
A2	795x395x220mm	18.25m	45kg	0°	5G	EE	-	-	0	-	LCF78-50	7	4	0	1	0	2				
A3	1499x395x203mm	16.61m	22.6kg	0°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				
A4	1499x395x203mm	14.61m	22.6kg	0°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				
B1	795x395x220mm	19.55m	45kg	120°	5G	H3G	-	-	0	-	LCF78-50	6	4	0	1	0	2	uB1	12.7m	120°	HS2 config height increase due to pole height
B2	795x395x220mm	18.25m	45kg	120°	5G	EE	-	-	0	-	LCF78-50	7	4	0	1	0	2				
B3	1499x395x203mm	16.61m	22.6kg	120°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				
B4	1499x395x203mm	14.61m	22.6kg	120°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				
C1	795x395x220mm	19.55m	45kg	240°	5G	H3G	-	-	0	-	LCF78-50	6	4	0	1	0	2	uC1	12.7m	240°	HS2 config height increase due to pole height
C2	795x395x220mm	18.25m	45kg	240°	5G	EE	-	-	0	-	LCF78-50	7	4	0	1	0	2				
C3	1499x395x203mm	16.61m	22.6kg	240°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				
C4	1499x395x203mm	14.61m	22.6kg	240°	2G/3G/4G	EE/H3G	-	-	3	-	LCF78-50	8	4	0	1	0	2				

SITE CAPACITY & LEAD OPERATOR			
A	B	C	LEAD
HS2	HS2	HS2	H3G

RIGGING INSERTION LOSS - FIXIT RAISED: 33947
EE L2600A loss of -3.145dB exceeds the -3dB limit.

Awaiting approved control measures

EE IL Results (dB)	
EE L800	-1.534
EE G1800	-2.083
EE U2100	-2.684
EE L1800A	-2.580
EE L1800B	-2.232
EE L2100A	-2.780
EE L2100B	-2.410
EE L2600A	-3.145
EE L2600B	-2.740
H3G IL Results (dB)	
H3G U2100	-2.916
H3G L800	-1.398
H3G L1400A	-1.904
H3G L1400B	-1.548
H3G L1800A	-2.579
H3G L1800B	-2.182
H3G L2100A	-2.788
H3G L2100B	-2.364



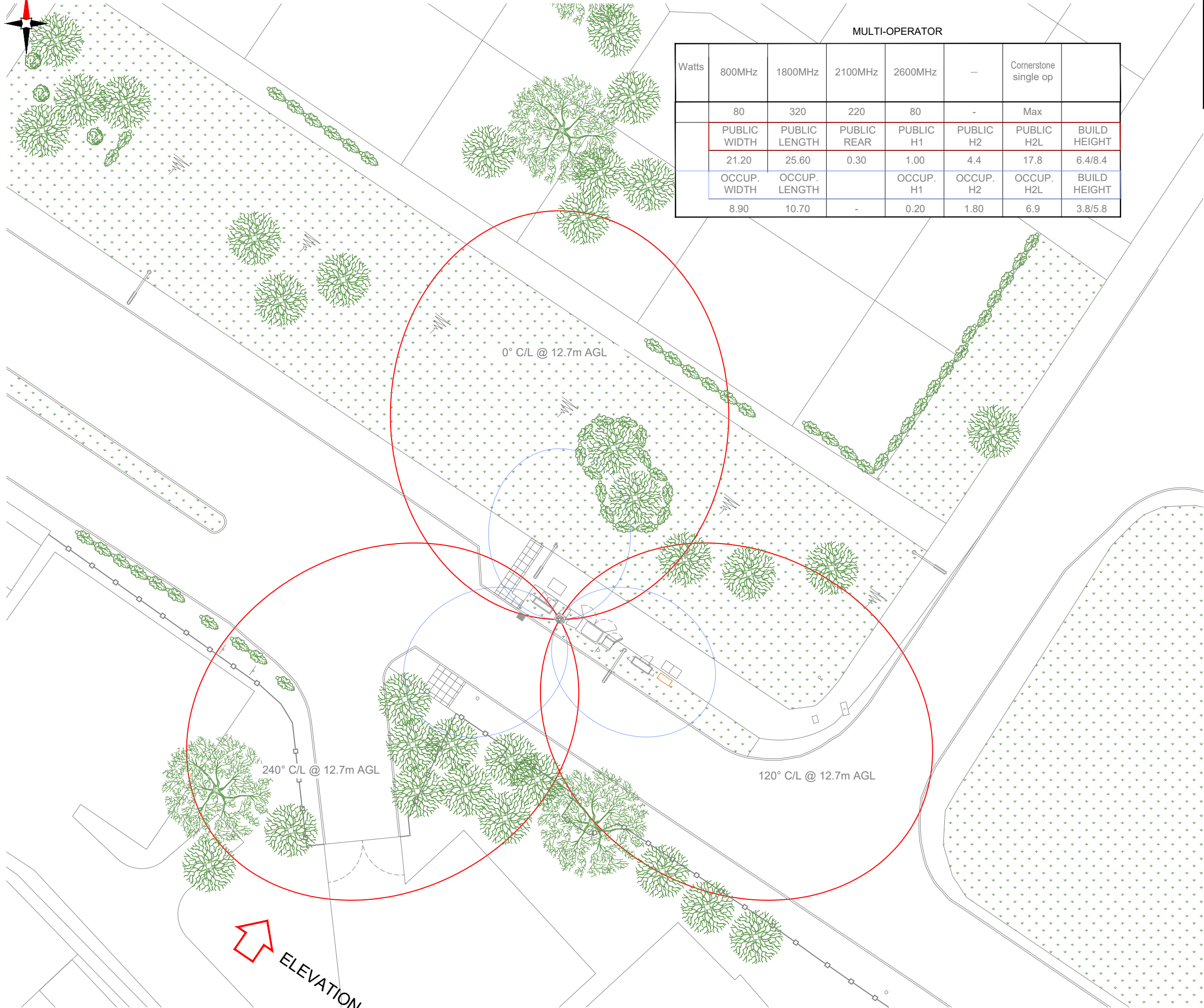
STATUS KEY:				
Installed:		Existing		
Retain:		Existing and to remain		
Relocate:		Existing and to be relocated		
Remove:		Existing to be removed from site		
Proposed:		New on site		

SUPPORT STRUCTURE SCHEDULE													STATUS KEY: Installed: Existing Retain: Existing and to remain Relocate: Existing and to be relocated Remove: Existing to be removed from site Proposed: New on site LOCATION KEY: Outdoor: Located outside Indoor: Located within an equipment cabin or equipment room Internal: located inside a cabinet or item of equipment									
Structure ID	Status	Equipment Description / Type	Structure Manufacturer	Height AGL (m)	Colour (RAL Colour)	Headframe Details	Foundation / Support Grillage / Host Structure Details	Support Bolt Details	MBNL Ref:	Comments												
ST1	Existing	Phase 4 Monopole	-	13.7m	-	-	Root Foundation	-	-													
ST2	Proposed	HS2	-	20.0m	Galvanised	-	Root Foundation	-	-													
EQUIPMENT SCHEDULE																						
Equipment ID	Quantity	Status	Equipment Description / Type	Equipment Manufacturer	Dimensions (W x D x H)	Weight (kg)	Colour (RAL Colour)	Material	Location	Power	Power cable length (m)	MBNL Ref:	Comments									
CAB1	1	Proposed	EE - Whiltshire	-	2000x750x1850	-	Grey	Steel	Outdoor	-	-	-										
CAB2	1	Proposed	EE - 3900A	-	600x600x1900	-	Grey	Steel	Outdoor	-	-	-										
CAB3	1	Proposed	H3G - Mk5 Link AC	-	1200x500x1700	-	Grey	Steel	Outdoor	-	-	-										
CAB4	1	Proposed	H3G - RFC5906	-	600x600x1800	-	Grey	Steel	Outdoor	-	-	-										
CAB5	1	Proposed	H3G - RFC5906	-	600x600x1800	-	Grey	Steel	Outdoor	-	-	-										
CAB6	1	Proposed	H3G - POGONA	-	1230x400x1032	-	Grey	Steel	Outdoor	-	-	-										
CAB7	1	Proposed	H3G - AMP5930	-	600x600x1200	-	Grey	Steel	Outdoor	-	-	-										
CAB8	1	Proposed	Diplexer Cabinet	-	1600x700x1600	-	Grey	Steel	Outdoor	-	-	-										
													Master: M003		MBNL / EE / H3G: MBNL		Project: T&A		Purpose of Issue: Planning		Issue: C	
													Date: 14/04/2020		Revision / Upgrade Description: Amends to site topography							
													Drawn: K. Soper									
													Checked: T. Clifford									
													Approved: M. Venner									
													Master: M002		MBNL / EE / H3G: MBNL		Project: T&A		Purpose of Issue: Planning		Issue: B	
													Date: 21/02/2020		Revision / Upgrade Description: Site Location Change							
													Drawn: K. Naveen									
													Checked: T. Clifford									
													Approved: M. Venner									
Master: M001		MBNL / EE / H3G: MBNL		Project: T&A		Purpose of Issue: Planning		Issue: A														
Date: 01/08/2019		Revision / Upgrade Description: First Issue																				
Drawn: R. Manikandan		ACQ																				
Checked: T. Clifford																						
Approved: M. Venner																						
 Hutchison 3G UK Limited Star House, 20 Grenfell Road Maidenhead, SL6 1EH Tel: 01628 765 000 Fax: 01628 765 001 H3G Base Station Information line: 0845 6043000 Available 8am-8pm Monday to Friday  Hatfield Business Park Hatfield Hertfordshire AL10 9BW Tel: 01707 315000 Fax: 01707 319001																						
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 UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW sales@beaconcomms.co.uk Tel: +44 (0)1822 610610																						
Site Name: HUME WAY																						
Site ID: 732715																						
Address: HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY																						
Title: 305 EQUIPMENT SCHEDULE & SUPPORT STRUCTURE DETAILS																						
Project: T & A																						
Purpose of Issue: GENERAL ARRANGEMENT																						
EE Cell ID: 70284			MBNL Cell ID: HGN032			3UK Cell ID: HA0072																
Master Drawing No: 732715_HGN032_70284_HA0072_M003												Issue: C										

100mm

50mm

10mm



MULTI-OPERATOR

Watts	800MHz	1800MHz	2100MHz	2600MHz	—	Cornerstone single op	
	80	320	220	80	-	Max	
	PUBLIC WIDTH	PUBLIC LENGTH	PUBLIC REAR	PUBLIC H1	PUBLIC H2	PUBLIC H2L	BUILD HEIGHT
	21.20	25.60	0.30	1.00	4.4	17.8	6.4/8.4
	OCCUP. WIDTH	OCCUP. LENGTH		OCCUP. H1	OCCUP. H2	OCCUP. H2L	BUILD HEIGHT
	8.90	10.70	-	0.20	1.80	6.9	3.8/5.8

3G Antenna ID	Existing 3G Bearing
uA1	0°
uB1	120°
uC1	240°

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
2. REFER TO RD10102 MBNL RF COMPLIANCE

NOTE: ANY DRAWINGS SHOWING ICNIRP ZONES MUST **NOT** BE SENT TO THE SITE PROVIDER, SITE PROVIDERS AGENTS OR PLANNING DEPARTMENTS

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner	ACQ		



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Tel: +44 (0)1822 610610

Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	400 RF COMPLIANCE EXISTING PLAN		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		
Issue:	C		

100mm

50mm

10mm



RF COMPLIANCE EXISTING ELEVATION
Scale 1: 200

3G Antenna ID	Existing 3G Bearing
uA1	0°
uB1	120°
uC1	240°

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
2. REFER TO RD10102 MBNL RF COMPLIANCE

NOTE: ANY DRAWINGS SHOWING ICNIRP ZONES MUST **NOT** BE SENT TO THE SITE PROVIDER, SITE PROVIDERS AGENTS OR PLANNING DEPARTMENTS

Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	C
Date:	14/04/2020	Revision / Upgrade Description:					
Drawn:	K. Soper	Amends to site topography					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	B
Date:	21/02/2020	Revision / Upgrade Description:					
Drawn:	K. Naveen	Site Location Change					
Checked:	T. Clifford						
Approved:	M. Venner						
Master:	MBNL / EE / H3G:	Project:	T&A	Purpose of Issue:	Planning	Issue:	A
Date:	01/08/2019	Revision / Upgrade Description:					
Drawn:	R. Manikandan	First Issue					
Checked:	T. Clifford						
Approved:	M. Venner						



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H3G Base Station Information line:
0845 6043000
Available 8am-8pm Monday to Friday



Hatfield Business Park
Hatfield
Hertfordshire
AL10 9BW
Tel: 01707 315000
Fax: 01707 319001



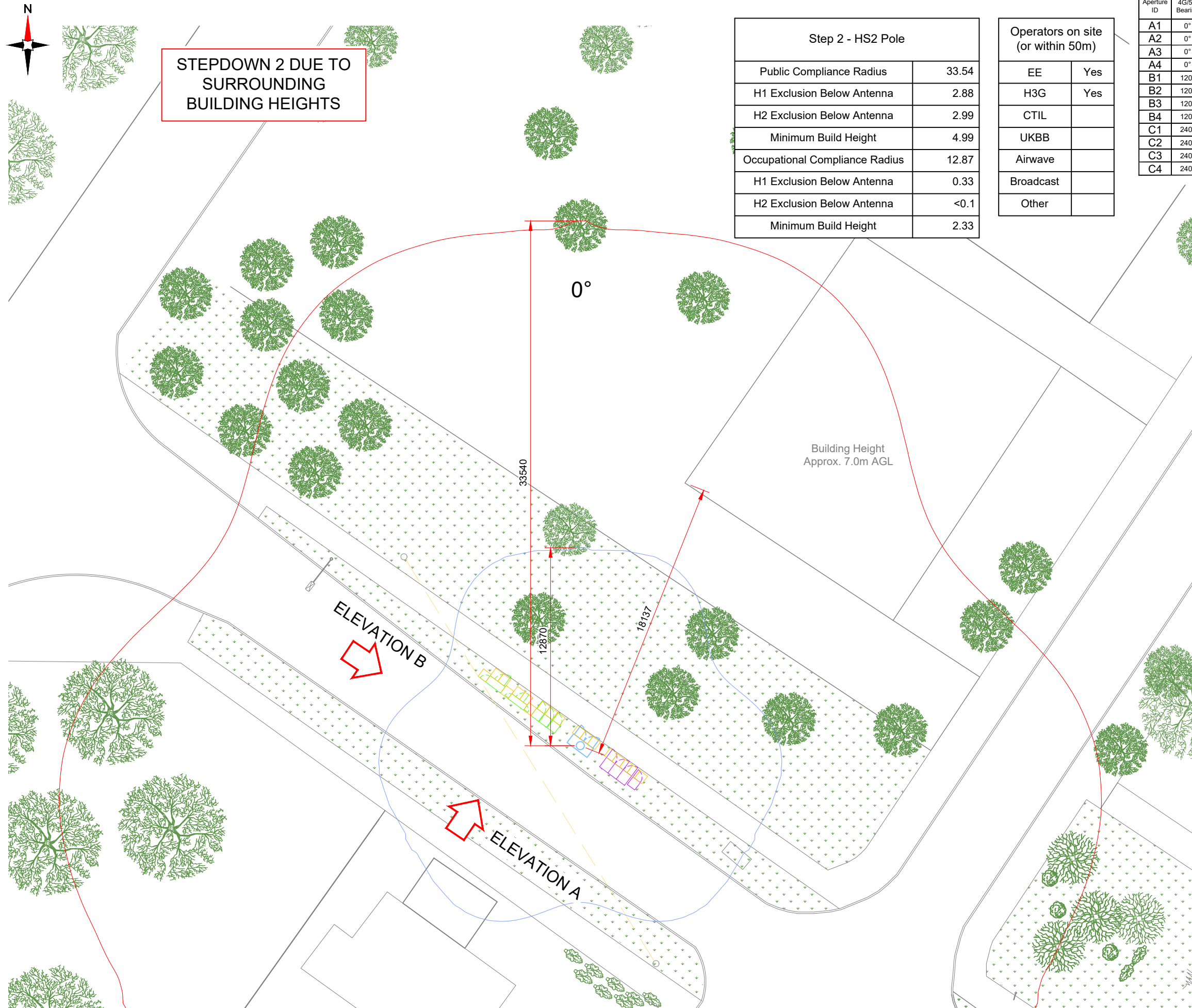
Mobile Broadband Network Limited
Sixth Floor, Thames Tower, Station Road, Reading, RG1 1LX



UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL19 0PW
sales@beaconcomms.co.uk
Tel: +44 (0)1822 610610

Site Name:				HUME WAY							
Site ID:				732715							
Address:				HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY							
Title:				405 RF COMPLIANCE EXISTING ELEVATION							
Project:				T & A							
Purpose of Issue:				GENERAL ARRANGEMENT							
EE Cell ID:		70284		MBNL Cell ID:		HGN032		3UK Cell ID:		HA0072	
Master Drawing No:									Issue:		
732715_HGN032_70284_HA0072_M003									C		

v1.0



Step 2 - HS2 Pole	
Public Compliance Radius	33.54
H1 Exclusion Below Antenna	2.88
H2 Exclusion Below Antenna	2.99
Minimum Build Height	4.99
Occupational Compliance Radius	12.87
H1 Exclusion Below Antenna	0.33
H2 Exclusion Below Antenna	<0.1
Minimum Build Height	2.33

Operators on site (or within 50m)	
EE	Yes
H3G	Yes
CTIL	
UKBB	
Airwave	
Broadcast	
Other	

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
2. REFER TO TD54000 FOR MBNL RF COMPLIANCE GUIDANCE.

Master: M003	MBNL / EE / H3G: MBNL	Project: T&A	Purpose of Issue: Planning	Issue: C
Date: 14/04/2020	Revision / Upgrade Description: Amends to site topography			
Drawn: K. Soper				
Checked: T. Clifford				
Approved: M. Venner				
Master: M002	MBNL / EE / H3G: MBNL	Project: T&A	Purpose of Issue: Planning	Issue: B
Date: 21/02/2020	Revision / Upgrade Description: Site Location Change			
Drawn: K. Naveen				
Checked: T. Clifford				
Approved: M. Venner				
Master: M001	MBNL / EE / H3G: MBNL	Project: T&A	Purpose of Issue: Planning	Issue: A
Date: 01/08/2019	Revision / Upgrade Description: First Issue			
Drawn: R. Manikandan				
Checked: T. Clifford				
Approved: M. Venner				
ACQ				

	Hutchison 3G UK Limited Star House, 20 Grenfell Road Maidenhead, SL6 1EH Tel: 01628 765 000 Fax: 01628 765 001		Haffield Business Park Haffield Hertfordshire AL10 9BW
	HGG Base Station Information line: 0845 6043000 Available 8am-8pm Monday to Friday		Tel: 01707 315000 Fax: 01707 319001

MBNL Mobile Broadband Network Limited
Sixth Floor, Thames Tower, Station Road, Reading, RG1 1LX



BEACONCOMMS

UNIT E3 PITTS CLEAVE INDUSTRIAL ESTATE, TAVISTOCK, DEVON, PL1 9 0PW
sales@beaconcomms.co.uk Tel: +44 (0) 1822 610610

Site Name: HUME WAY

Site ID: 732715

Address: HUME WAY
RUISLIP
HILLINGDON
LONDON
HA4 8DY

Title:	411 RF COMPLIANCE MAX CONFIGURATION PLAN - SECTOR A
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Project: T & A

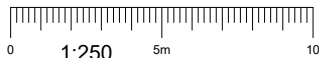
Purpose of Issue: **GENERAL ARRANGEMENT**

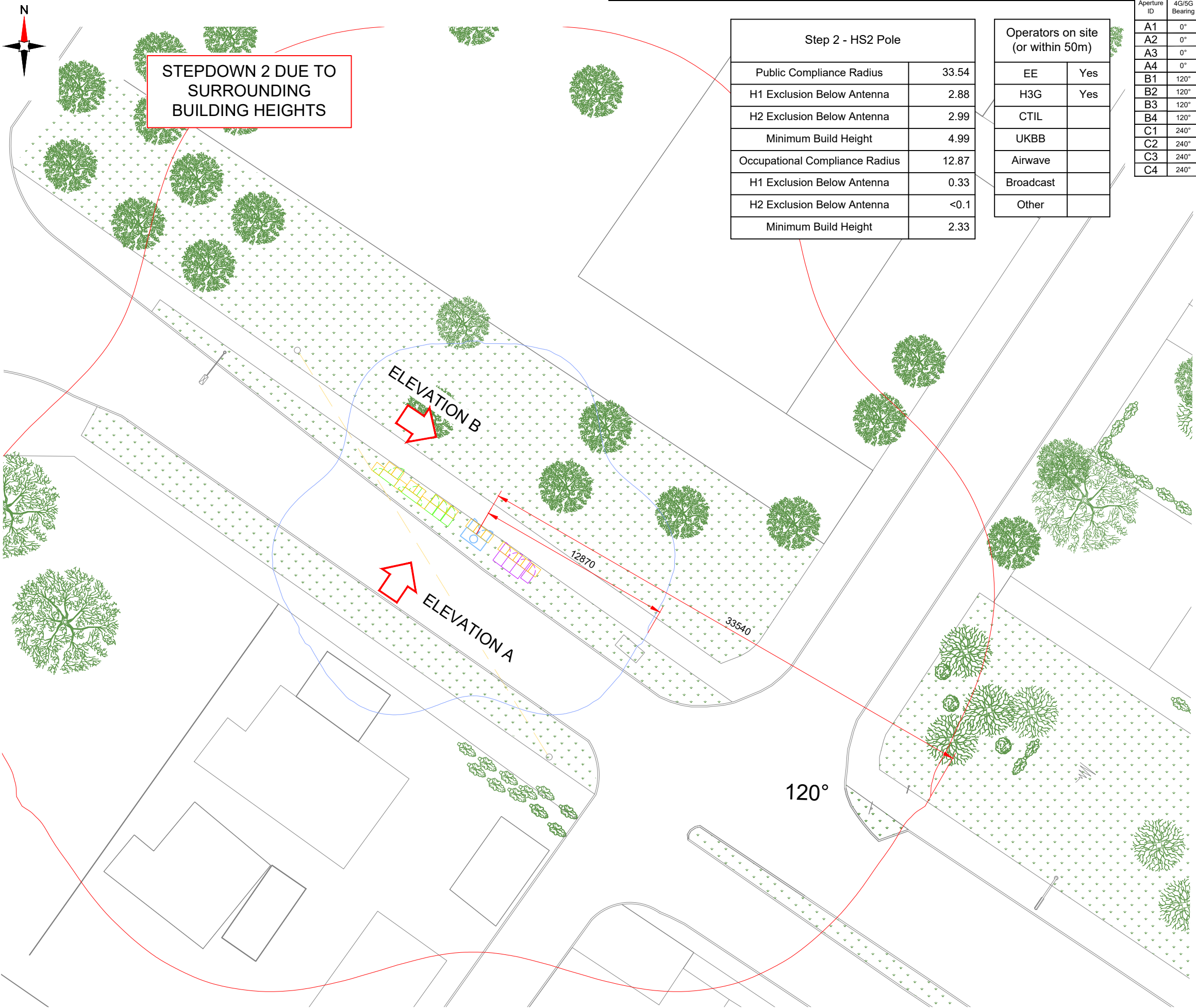
EE Cell ID: 70284	MBNL Cell ID: HGN032	3UK Cell ID: HA0072
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Master Drawing No:
732715 HGN032 70284 HA0072 M003

Issue: C

Hyperlink to PACS RF Report





Step 2 - HS2 Pole	
Public Compliance Radius	33.54
H1 Exclusion Below Antenna	2.88
H2 Exclusion Below Antenna	2.99
Minimum Build Height	4.99
Occupational Compliance Radius	12.87
H1 Exclusion Below Antenna	0.33
H2 Exclusion Below Antenna	<0.1
Minimum Build Height	2.33

Operators on site (or within 50m)	
EE	Yes
H3G	Yes
CTIL	
UKBB	
Airwave	
Broadcast	
Other	

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

NOTES:

- ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
- REFER TO TD54000 FOR MBNL RF COMPLIANCE GUIDANCE.

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner			



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H3G Base Station Information line:
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Site Name:	HUME WAY		
Site ID:	732715		
Address:	HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY		
Title:	412 RF COMPLIANCE MAX CONFIGURATION PLAN - SECTOR B		
Project:	T & A		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	70284	MBNL Cell ID:	HGN032
3UK Cell ID:	HA0072		
Master Drawing No:	732715_HGN032_70284_HA0072_M003		
Issue:	C		



STEPDOWN 2 DUE TO
SURROUNDING
BUILDING HEIGHTS

Step 2 - HS2 Pole	
Public Compliance Radius	33.54
H1 Exclusion Below Antenna	2.88
H2 Exclusion Below Antenna	2.99
Minimum Build Height	4.99
Occupational Compliance Radius	12.87
H1 Exclusion Below Antenna	0.33
H2 Exclusion Below Antenna	<0.1
Minimum Build Height	2.33

Operators on site (or within 50m)	
EE	Yes
H3G	Yes
CTIL	
UKBB	
Airwave	
Broadcast	
Other	

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

- NOTES:
- ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
 - REFER TO TD54000 FOR MBNL RF COMPLIANCE GUIDANCE.

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M003	MBNL	T&A	Planning	C
Date:	14/04/2020	Revision / Upgrade Description:		
Drawn:	K. Soper	Amends to site topography		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	MBNL	T&A	Planning	B
Date:	21/02/2020	Revision / Upgrade Description:		
Drawn:	K. Naveen	Site Location Change		
Checked:	T. Clifford			
Approved:	M. Venner			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	MBNL	T&A	Planning	A
Date:	01/08/2019	Revision / Upgrade Description:		
Drawn:	R. Manikandan	First Issue		
Checked:	T. Clifford			
Approved:	M. Venner	ACQ		



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Maidenhead, SL6 1EH
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Hertfordshire
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Fax: 01707 319001



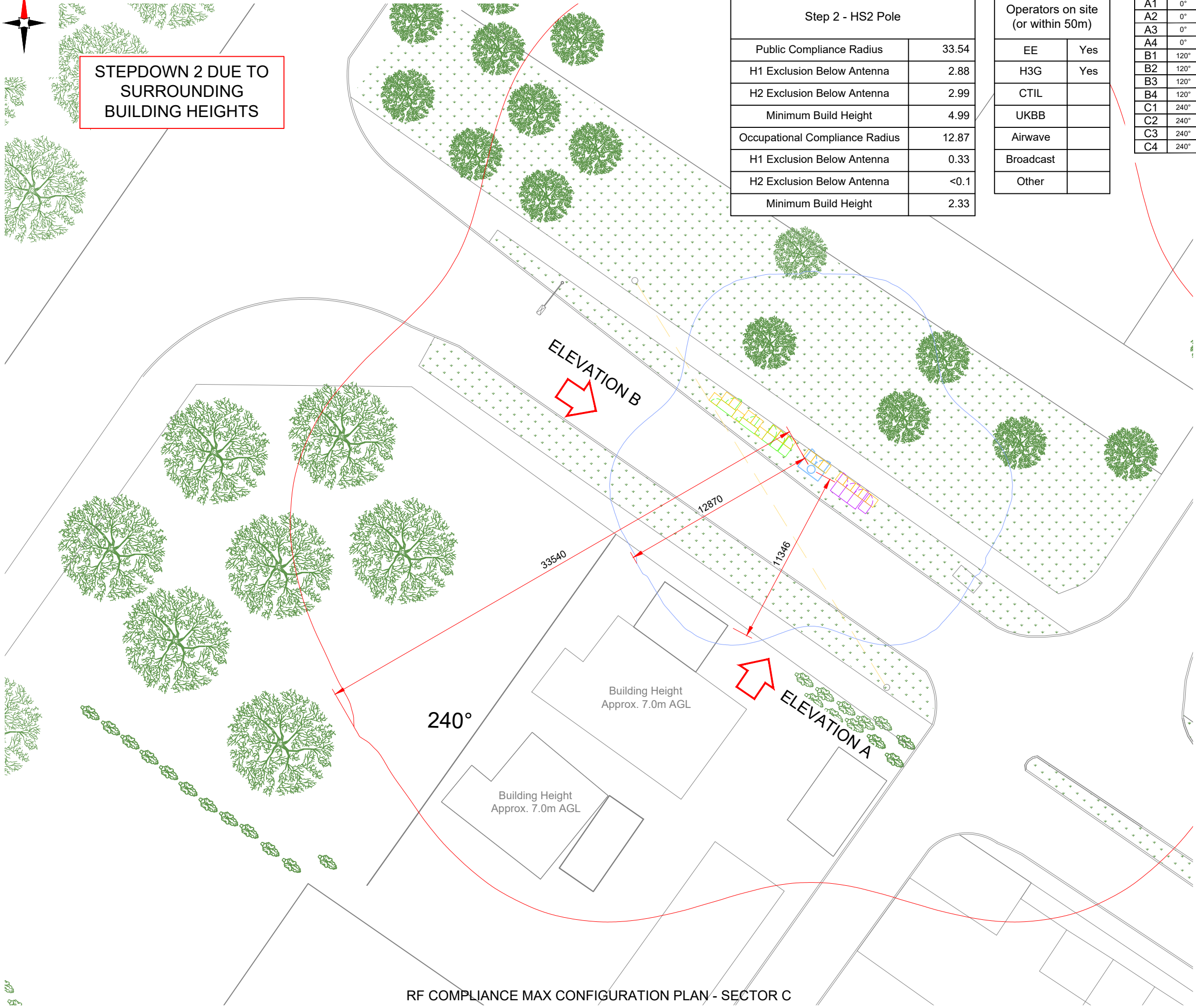
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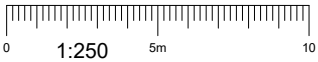
BEACONCOMMS

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Tel: +44 (0)1822 610610

Site Name:		HUME WAY			
Site ID:		732715			
Address:		HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY			
Title:		413 RF COMPLIANCE MAX CONFIGURATION PLAN - SECTOR C			
Project:		T & A			
Purpose of Issue:		GENERAL ARRANGEMENT			
EE Cell ID:	70284	MBNL Cell ID:	HGN032	3UK Cell ID:	HA0072
Master Drawing No:					Issue:
732715_HGN032_70284_HA0072_M003					C



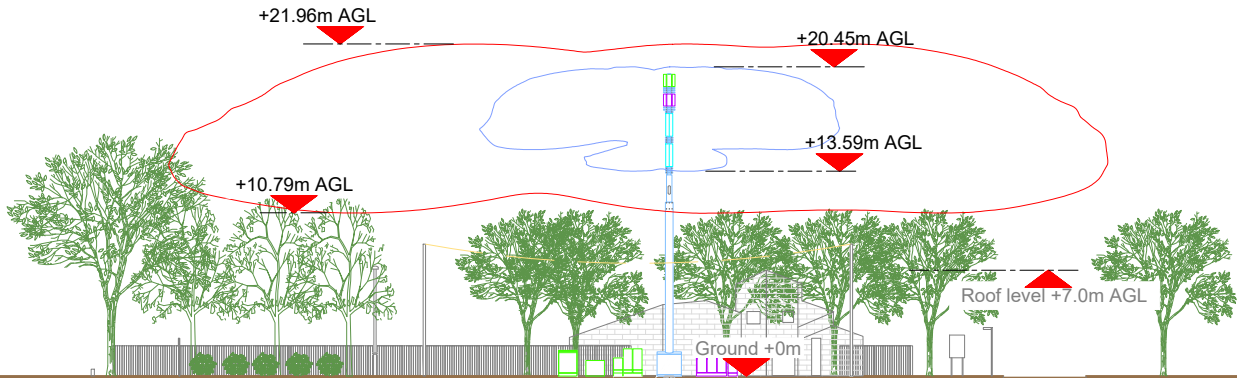
RF COMPLIANCE MAX CONFIGURATION PLAN - SECTOR C



Sector A	2.0 - Step 2 - EE & H3G only (Owned Spectrum using M-MIMO antenna(s))
Sector B	2.0 - Step 2 - EE & H3G only (Owned Spectrum using M-MIMO antenna(s))
Sector C	2.0 - Step 2 - EE & H3G only (Owned Spectrum using M-MIMO antenna(s))

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	0°	H3G
A2	0°	EE
A3	0°	EE/H3G
A4	0°	EE/H3G
B1	120°	H3G
B2	120°	EE
B3	120°	EE/H3G
B4	120°	EE/H3G
C1	240°	H3G
C2	240°	EE
C3	240°	EE/H3G
C4	240°	EE/H3G

- NOTES:
- ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
 - REFER TO TD54000 FOR MBNL RF COMPLIANCE GUIDANCE.

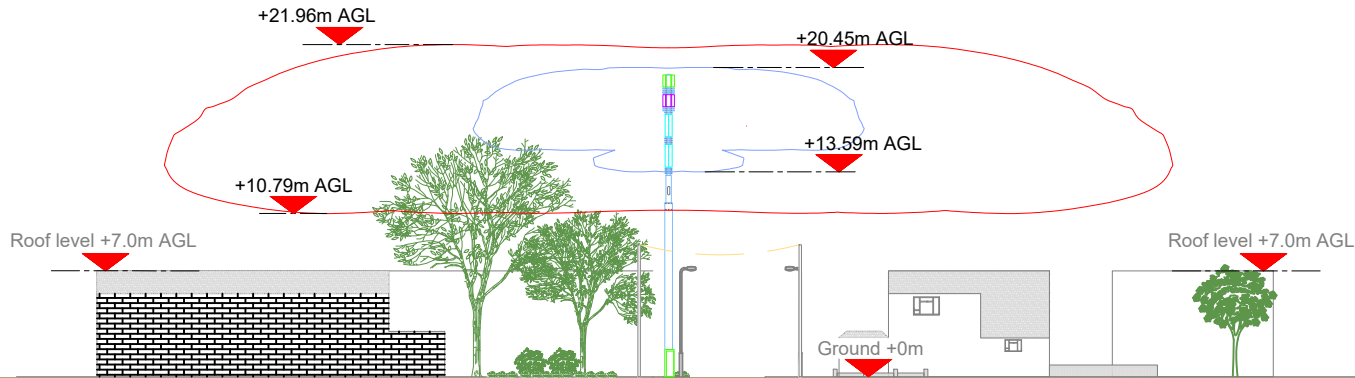


Operators on site (or within 50m)	
EE	Yes
H3G	Yes
CTIL	
UKBB	
Airwave	
Broadcast	
Other	

Step 2 - HS2 Pole	
Public Compliance Radius	33.54
H1 Exclusion Below Antenna	2.88
H2 Exclusion Below Antenna	2.99
Minimum Build Height	4.99
Occupational Compliance Radius	12.87
H1 Exclusion Below Antenna	0.33
H2 Exclusion Below Antenna	<0.1
Minimum Build Height	2.33

RF COMPLIANCE MAX CONFIGURATION ELEVATION A
Scale 1:500

STEPDOWN 2 DUE TO
SURROUNDING
BUILDING HEIGHTS



RF COMPLIANCE MAX CONFIGURATION ELEVATION B
Scale 1:500



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Site Name:		HUME WAY			
Site ID:		732715			
Address:		HUME WAY RUISLIP HILLINGDON LONDON HA4 8DY			
Title:		451 RF COMPLIANCE MAX CONFIGURATION ELEVATIONS			
Project:		T & A			
Purpose of Issue:		GENERAL ARRANGEMENT			
EE Cell ID:	70284	MBNL Cell ID:	HGN032	3UK Cell ID:	HA0072
Master Drawing No:					Issue:
732715_HGN032_70284_HA0072_M003					C