

Purpose of Issue:

Issued by:

[illegible]

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.



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


Unit E, Madison Place, Northampton Road,
Manchester, M40 5AG
Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

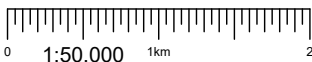
Master Drawing No:	MAN24786 B35 GA C	Issue:	C
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SITE LOCATION



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SITE AREA PLAN



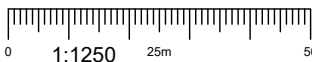
SITE PHOTOGRAPH



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NGR E: 386769 N: 401117

SITE LOCATION PLAN



GOOGLE MAPS QR CODE

GOOGLE MAPS - <https://goo.gl/maps/LcSXT93LjZeg1cT4A>

GOOGLE STREETVIEW - <https://goo.gl/maps/MfhVoCb8sRmKkkzN7>

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

DIRECTIONS TO SITE:
Head South-East on M60 , at junction 20 take the A664 exit to Middleton/Blackley. Using the right two lanes turn right onto Alkrington Interchange/Rochdale Road and continue for 1.7 miles. Turn left onto Church Lane then turn left onto Fernclough Road and after 110 feet turn right onto Church Lane , after 0.5 miles , site will be on Left hand side.

Access Route To Site:

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	C
Date:	09/11/2022	Revision / Upgrade Description:		
Drawn:	D.Parker	Third Issue - Pole relocated		
Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	B
Date:	19/10/2022	Revision / Upgrade Description:		
Drawn:	D.Parker	Second Issue - Pole changed, Pole & Cabinets relocated		
Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	H3G	DENSIFICATION SW	Planning	A
Date:	30/06/2022	Revision / Upgrade Description:		
Drawn:	S.Booth	First Issue - Site nomination dated: TBC		
Checked:	K.Winland			
Approved:	K.Winland			



Hutchison 3G UK Limited
Green Park, 450 Longwater Avenue
Reading, RG30 3UR
Tel: 01628 765 000
Fax: 01628 765 001

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

Design Consultant & Principal Contractor:



Unit E, Madison Place, Northampton Road,
Manchester, M40 5AG
Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

Site Name: CHURCH LANE

Site ID: MAN24786

Address: CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title: 002 SITE LOCATION PLAN

Project: H3G DENSIFICATION STREETWORKS

Purpose of Issue: PLANNING

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

Master Drawing No:	Issue:
MAN24786_B35_GA_C	C

100mm

50mm

10mm

DEPENDENCY	STATUS
RF Compliance	Pass
	Sector A SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only
	Sector B SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only
	Sector C SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only
Building Regulations Approval	N/A
Asbestos	N/A
Planning Conditions	TBC by Local Authority
Geotech Report	N/A
Structural Calculations	N/A
Intrusive Building Survey	N/A
Global Design Check	N/A
Rigging Survey	N/A
FIXITS	N/A
Power	Proposed 1 phase 100A DNO TT supply
Transmission Solution	Proposed BT TX equipment
Cooling Solution	N/A
Line of Site Survey	N/A
Services Search	Completed (SPD - Dated 08.06.2022)
Trial Hole	To be completed on day 1 of build
Other - Radar Scan	Completed (Your Environment - Dated 14.06.2022)

NOTES:

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Approved:	G.Thomas			
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M002	H3G	DENSIFICATION SW	Planning	B
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Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	H3G	DENSIFICATION SW	Planning	A
Date:	30/06/2022	Revision / Upgrade Description:		
Drawn:	S.Booth	First Issue - Site nomination dated: TBC		
Checked:	K.Winland			
Approved:	K.Winland			



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Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

Site Name:

CHURCH LANE

Site ID:

MAN24786

Address:

CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title:

007 FIXITs & DEPENDENCIES

Project:

H3G DENSIFICATION STREETWORKS

Purpose of Issue:

PLANNING

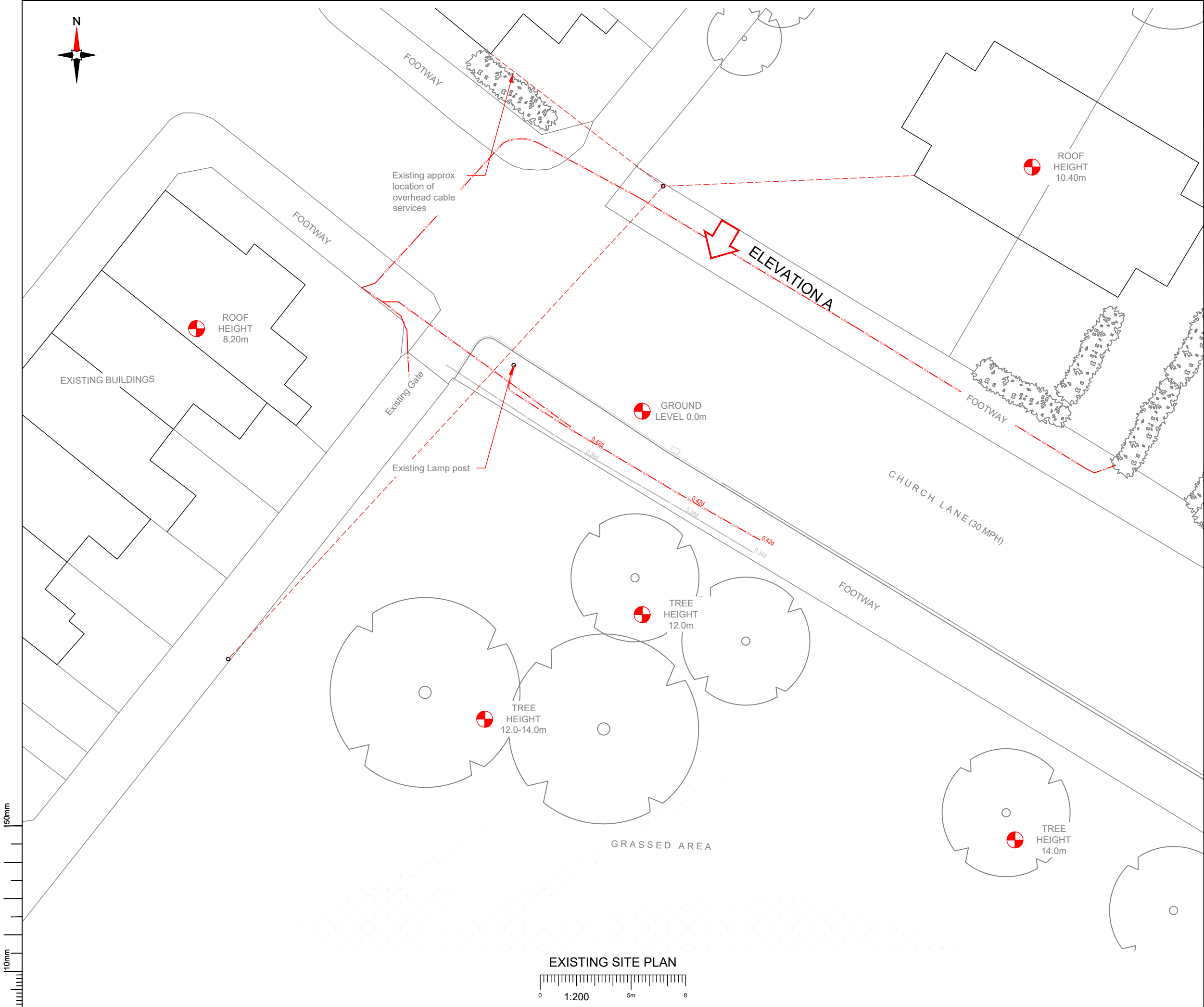
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

Master Drawing No:

MAN24786_B35_GA_C

Issue:

C



NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

SERVICES:

— WATER — WATER — WATER —

— HV — HV — HV — HV —

— GAS — GAS — GAS —

— TELECOMS — TELECOMS —

— ? — ? —

— ELEC — ELEC — ELEC — ELEC —

NOTES:

Radar Scan and Stats to be reviewed prior to any build works commencing. Service diversion required for electricity cable.

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Web: www.clarke-telecom.com

Site Name:

CHURCH LANE

Site ID:

MAN24786

Address:

CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title:

100 EXISTING H3G SITE PLAN

Project:

H3G DENSIFICATION STREETWORKS

Purpose of Issue:

PLANNING

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

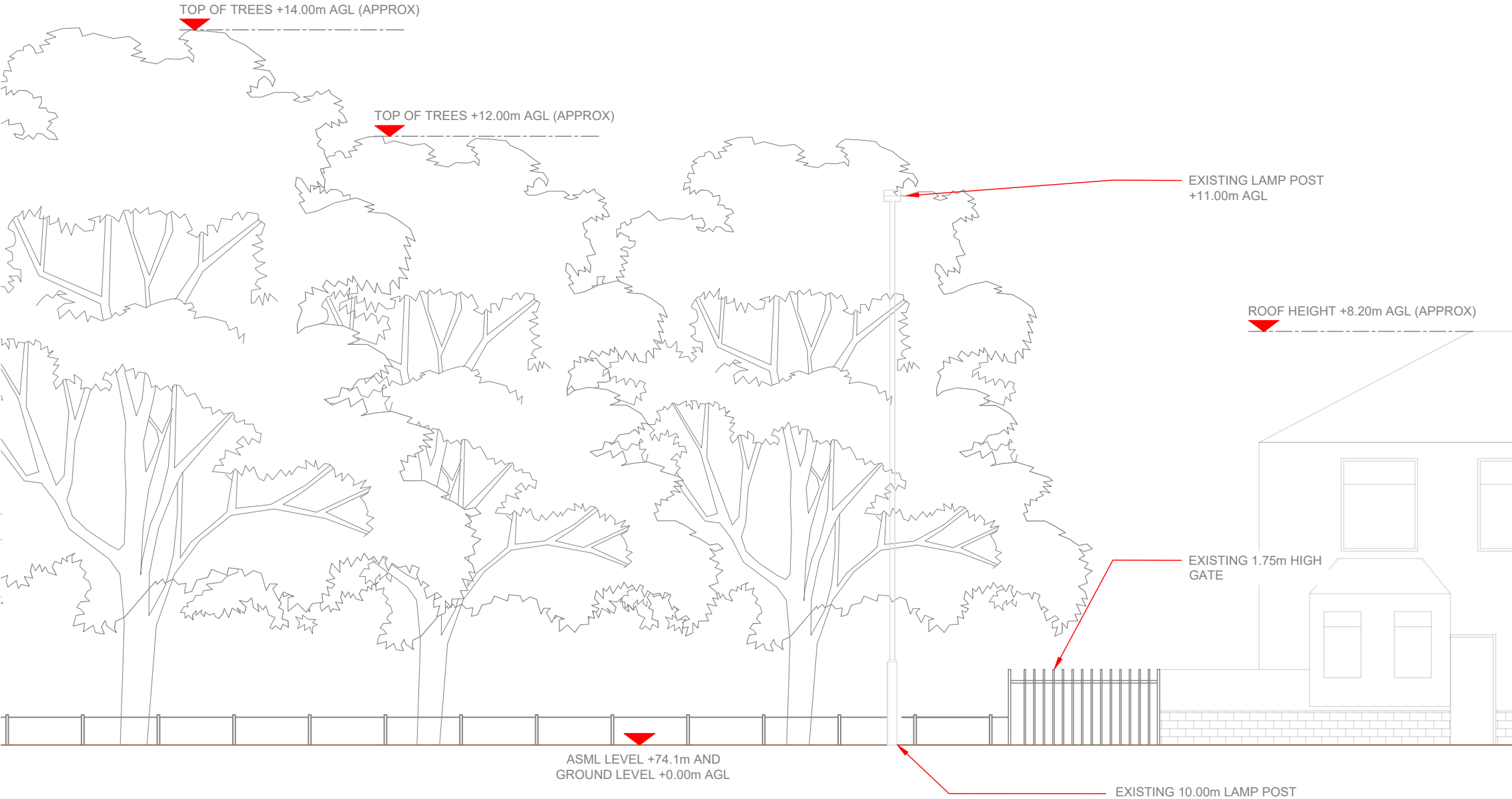
Master Drawing No:

MAN24786_B35_GA_C

Issue:

C

100mm
50mm
10mm



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

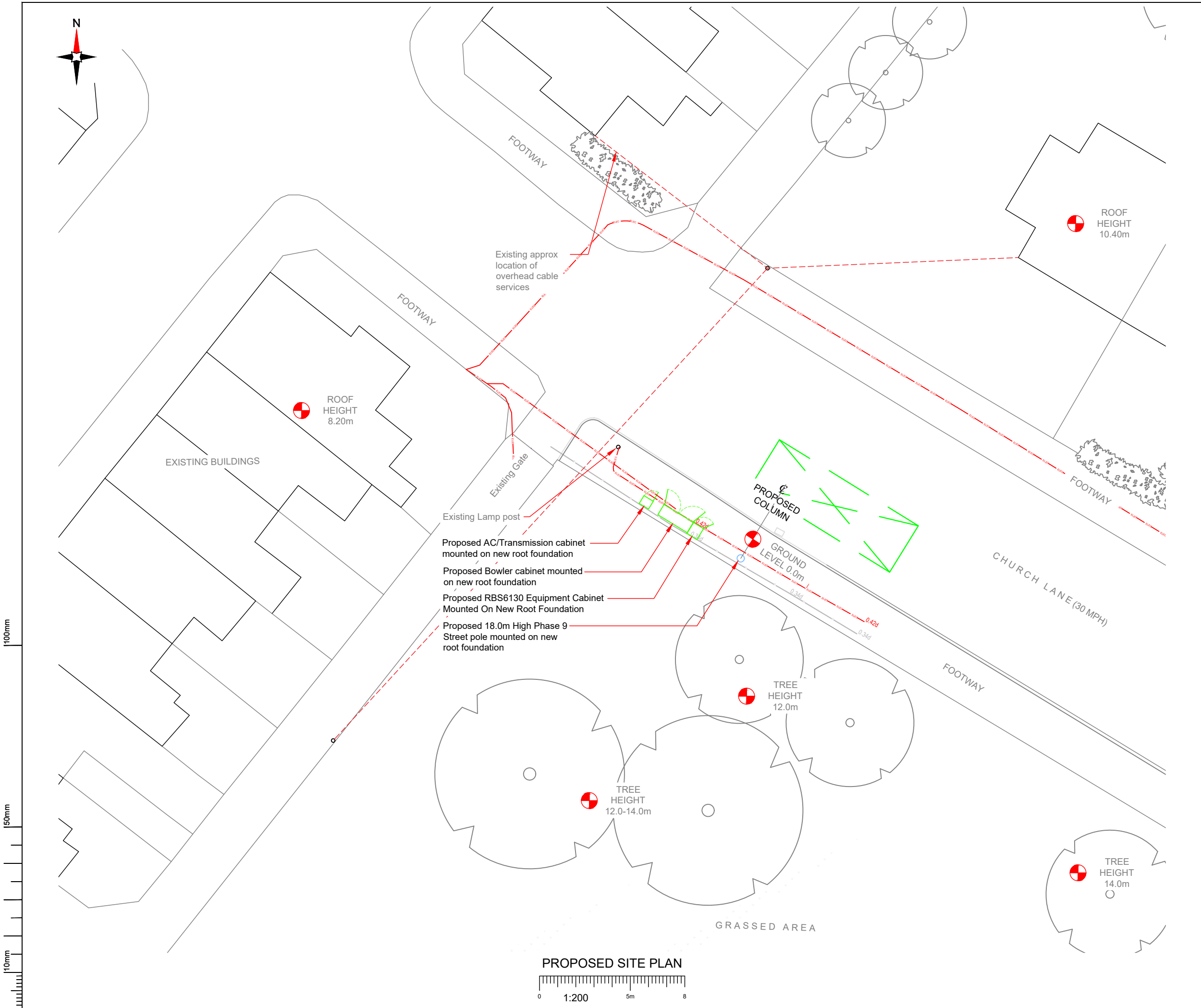
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	C
Date:	09/11/2022	Revision / Upgrade Description:		
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Approved:	-			
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Approved:	K.Winland			



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Reading, RG30 3UR
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Fax: 01628 765 001

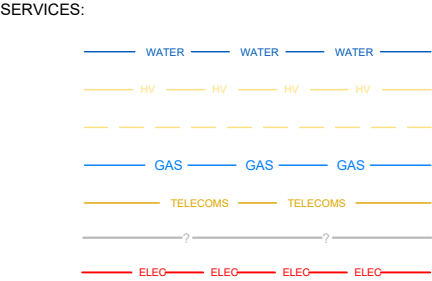
H3G Base Station Information line:
0845 6043000
Available 8am-8pm Monday to Friday

Design Consultant & Principal Contractor:		
 Unit E, Madison Place, Northampton Road, Manchester, M40 5AG Tel: 0161 785 4500 Fax: 0161 785 4501 Web: www.clarke-telecom.com		
Site Name:	CHURCH LANE	
Site ID:	MAN24786	
Address:	CHURCH LANE HARPURHEY MANCHESTER M9 4WH	
Title:	150 EXISTING H3G SITE ELEVATION	
Project:	H3G DENSIFICATION STREETWORKS	
Purpose of Issue:	PLANNING	
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786
Master Drawing No:		Issue:
MAN24786_B35_GA_C		C



NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.



PROPOSED CRANE OR CHERRY PICKER LOCATION:



NOTES:

Radar Scan and Stats to be reviewed prior to any build works commencing. Service diversion required for electricity cable.

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	B
Date:	19/10/2022	Revision / Upgrade Description:		
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Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	H3G	DENSIFICATION SW	Planning	A
Date:	30/06/2022	Revision / Upgrade Description:		
Drawn:	S.Booth	First Issue - Site nomination dated: TBC		
Checked:	K.Winland			
Approved:	K.Winland			



Hutchison 3G UK Limited
Green Park, 450 Longwater Avenue
Reading, RG30 3UR
Tel: 01628 765 000
Fax: 01628 765 001

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

Design Consultant & Principal Contractor:



Unit E, Madison Place, Northampton Road,
Manchester, M40 5AG
Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

Site Name: CHURCH LANE

Site ID: MAN24786

Address: CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title: 210 PROPOSED H3G SITE PLAN

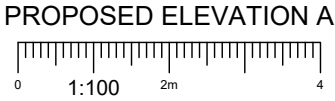
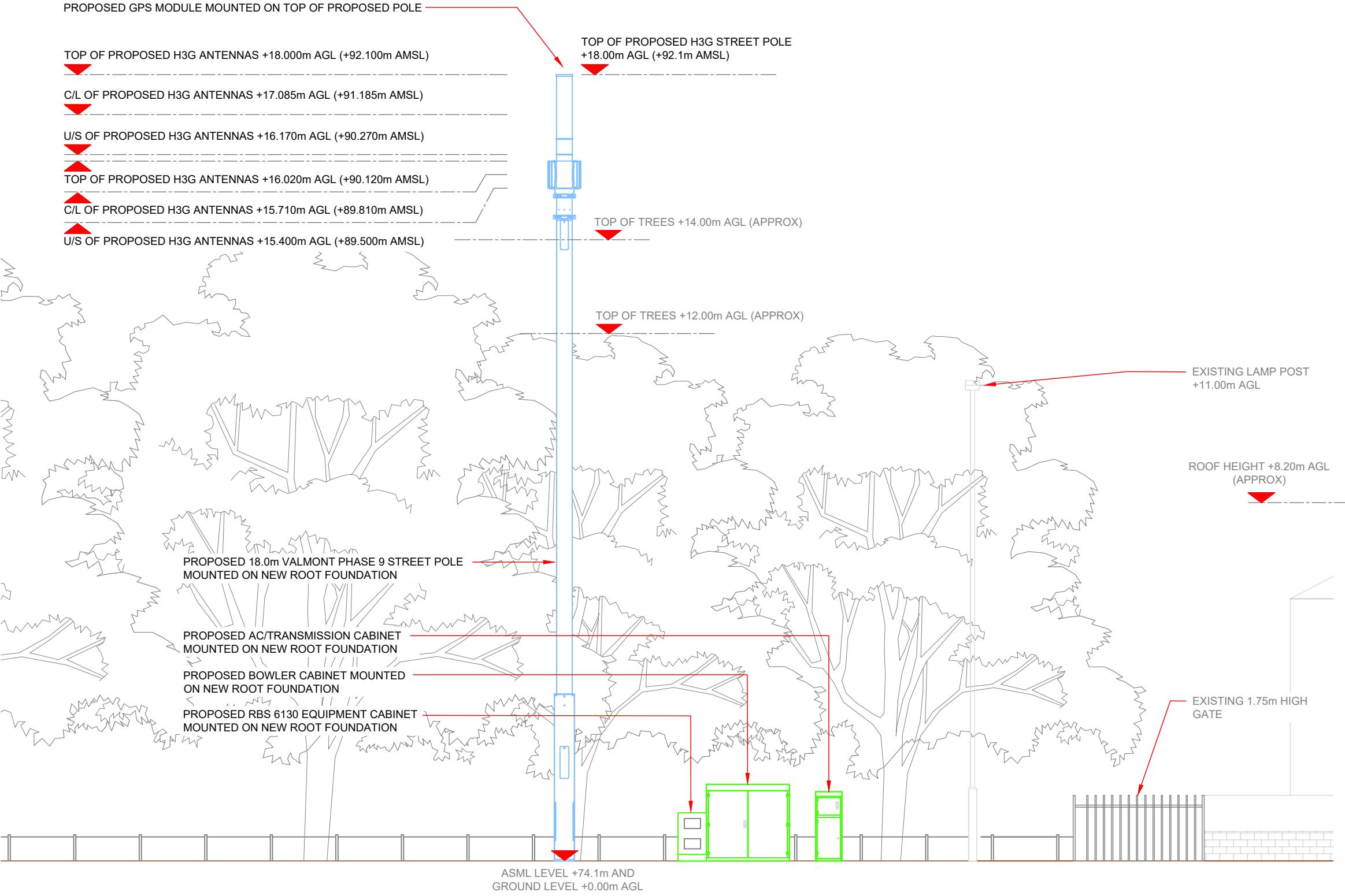
Project: H3G DENSIFICATION STREETWORKS

Purpose of Issue: PLANNING

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

Master Drawing No: MAN24786_B35_GA_C Issue: C

100mm
50mm
10mm



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

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	C
Date:	09/11/2022	Revision / Upgrade Description:		
Drawn:	D.Parker	Third Issue - Pole relocated		
Checked:	-			
Approved:	-			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	B
Date:	19/10/2022	Revision / Upgrade Description:		
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Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	H3G	DENSIFICATION SW	Planning	A
Date:	30/06/2022	Revision / Upgrade Description:		
Drawn:	S.Booth	First Issue - Site nomination dated: TBC		
Checked:	K.Winland			
Approved:	K.Winland			



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Fax: 01628 765 001

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

Design Consultant & Principal Contractor:



Site Name:
CHURCH LANE

Site ID:
MAN24786

Address:
CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title:
260 PROPOSED H3G SITE ELEVATION

Project:
H3G DENSIFICATION STREETWORKS

Purpose of Issue:
PLANNING

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

Master Drawing No:	Issue:
MAN24786_B35_GA_C	C

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	Proposed	PHASE 9 POLE	VALMONT	18.0m	GREY 7035	-	A9-12 ROOT	-	-									
Power Schedule																		
Supply Status		Type	Supplier	Supply Type	Location	Comments												
PROPOSED		SINGLE PHASE	DNO	100 AMP	HAT CABINET													
Master: M002 Date: 09/11/2022 Drawn: D.Parker Checked: G.Thomas Approved: G.Thomas MBNL / EE / H3G: H3G Project: DENSIFICATION SW Purpose of Issue: Planning Issue: C Revision / Upgrade Description: Third Issue - Pole relocated Master: M002 Date: 19/10/2022 Drawn: D.Parker Checked: G.Thomas Approved: G.Thomas MBNL / EE / H3G: H3G Project: DENSIFICATION SW Purpose of Issue: Planning Issue: B Revision / Upgrade Description: Second Issue - Pole changed, Pole & Cabinets relocated Master: M001 Date: 30/06/2022 Drawn: S.Booth Checked: K.Winland Approved: K.Winland MBNL / EE / H3G: H3G Project: DENSIFICATION SW Purpose of Issue: Planning Issue: A Revision / Upgrade Description: First Issue - Site nomination dated: TBC																		



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Web: www.clarke-telecom.com

Site Name: CHURCH LANE

Site ID: MAN24786

Address: CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title: 305 EQUIPMENT SCHEDULE & SUPPORT STRUCTURE DETAILS

Project: H3G DENSIFICATION STREETWORKS

Purpose of Issue: PLANNING

EE Cell ID: -

MBNL Cell ID: -

3UK Cell ID: MAN24786

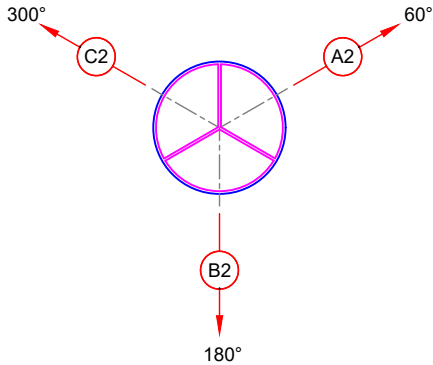
Master Drawing No: MAN24786_B35_GA_C

Issue: C

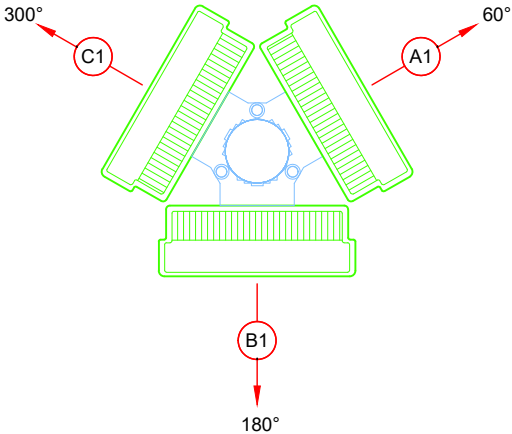
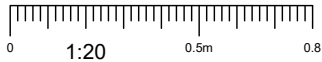
100mm

150mm

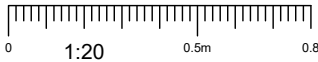
10mm



PROPOSED ANTENNA PLAN (+18.00m AGL)



PROPOSED ANTENNA PLAN (+16.02m AGL)



Antenna Aperture ID	Proposed 4G/5G Bearing
A1	60°
A2	60°
B1	180°
B2	180°
C1	300°
C2	300°

- NOTES:
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Master:	MBNL / EE / H3G.	Project:	DENSIFICATION SW	Purpose of Issue:	Planning	Issue:	C
M002	H3G						
Date:	09/11/2022	Revision / Upgrade Description:					
Drawn:	D.Parker	Third Issue - Pole relocated					
Checked:	G.Thomas						
Approved:	G.Thomas						
Master:	MBNL / EE / H3G.	Project:	DENSIFICATION SW	Purpose of Issue:	Planning	Issue:	B
M002	H3G						
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M001	H3G						
Date:	30/06/2022	Revision / Upgrade Description:					
Drawn:	S.Booth	First Issue - Site nomination dated: TBC					
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Approved:	K.Winland						



Hutchison 3G UK Limited
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Fax: 01628 765 001

H3G Base Station Information line:
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Design Consultant & Principal Contractor:



Site Name: CHURCH LANE

Site ID: MAN24786

Address: CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

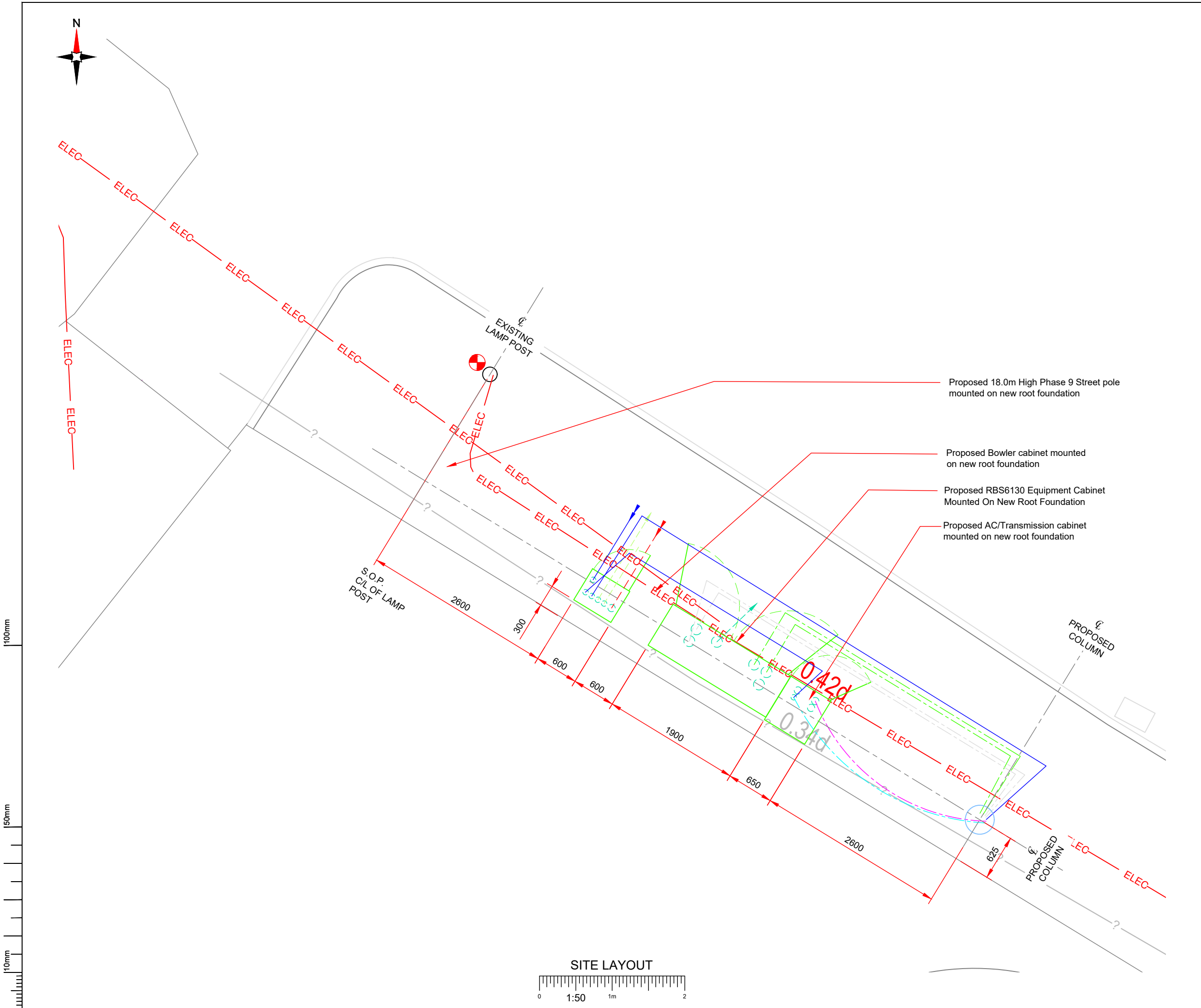
Title: 310 ANTENNA HEADFRAME & SUPPORT STRUCTURE PLAN

Project: H3G DENSIFICATION STREETWORKS

Purpose of Issue: PLANNING

EE Cell ID:	MBNL Cell ID:	3UK Cell ID:
-	-	MAN24786

Master Drawing No:	Issue:
MAN24786_B35_GA_C	C



NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

SERVICES:

WATER

HV

GAS

TELECOMS

ELEC

DUCT LEGEND

1500 FEEDER DUCT - 800 FEEDER

1500 FEEDER DUCT - 1400 FEEDER

1500 FEEDER DUCT - 1800/2100 FEEDER

1000 INCOMING FIBRE / FIBRE SUPPLY DUCT

1000 DC POWER DUCT

750 COMMS / TX DUCT

1000 AC POWER SUPPLY DUCT

1250 INCOMING DNO AC POWER DUCT (RED)

NOTES:

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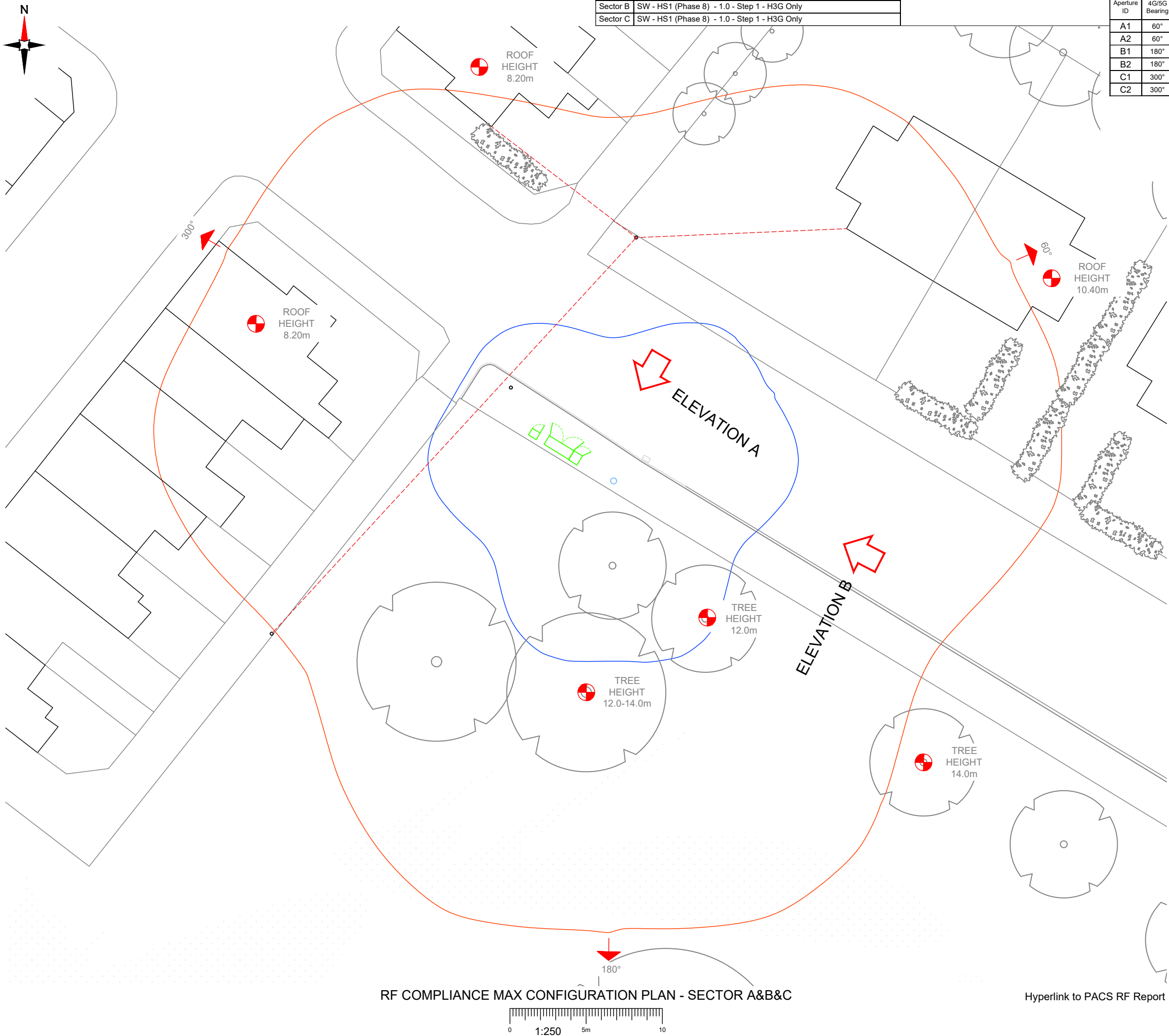
Design Consultant & Principal Contractor:

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Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

Site Name:	CHURCH LANE						
Site ID:	MAN24786						
Address:	CHURCH LANE HARPURHEY MANCHESTER M9 4WH						
Title:	330 SITE LAYOUT						
Project:	H3G DENSIFICATION STREETWORKS						
Purpose of Issue:	PLANNING						
EE Cell ID:	-	MBNL Cell ID:	-	3UK Cell ID:	MAN24786		
Master Drawing No:					MAN24786_B35_GA_C	Issue:	C

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	60°	H3G
A2	60°	H3G
B1	180°	H3G
B2	180°	H3G
C1	300°	H3G
C2	300°	H3G

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



Master:	MBNL / EE / H3/G:	Project:	Purpose of Issue:	Issue:
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 Available 8am-8pm Monday to Friday

Design Consultant & Principal Contractor:


Unit E, Madison Place, Northampton Road,
Manchester, M40 5AG
Tel: 0161 785 4500 Fax: 0161 785 4501
Web: www.clarke-telecom.com

Site Name: CHURCH LANE

Site ID: **MAN24786**

Address: CHURCH LANE
HARPURHEY
MANCHESTER
M9 4WH

Title:	411 RF COMPLIANCE MAX CONFIGURATION PLAN - SECTOR A&B&C
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Project: **H3G DENSIFICATION STREETWORKS**

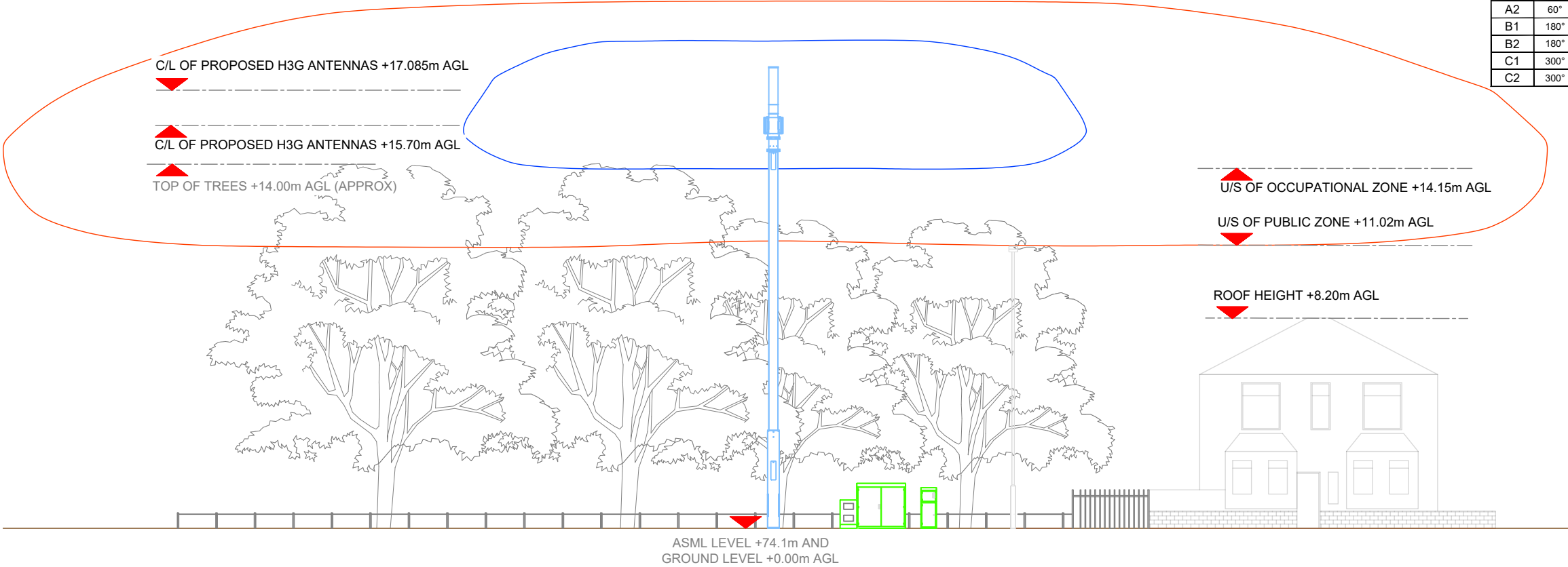
Purpose of Issue:	PLANNING
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EE Cell ID: -	MBNL Cell ID: -	3UK Cell ID: MAN24786
Master Drawing No: MAN24786_B35_GA_C		Issue: C

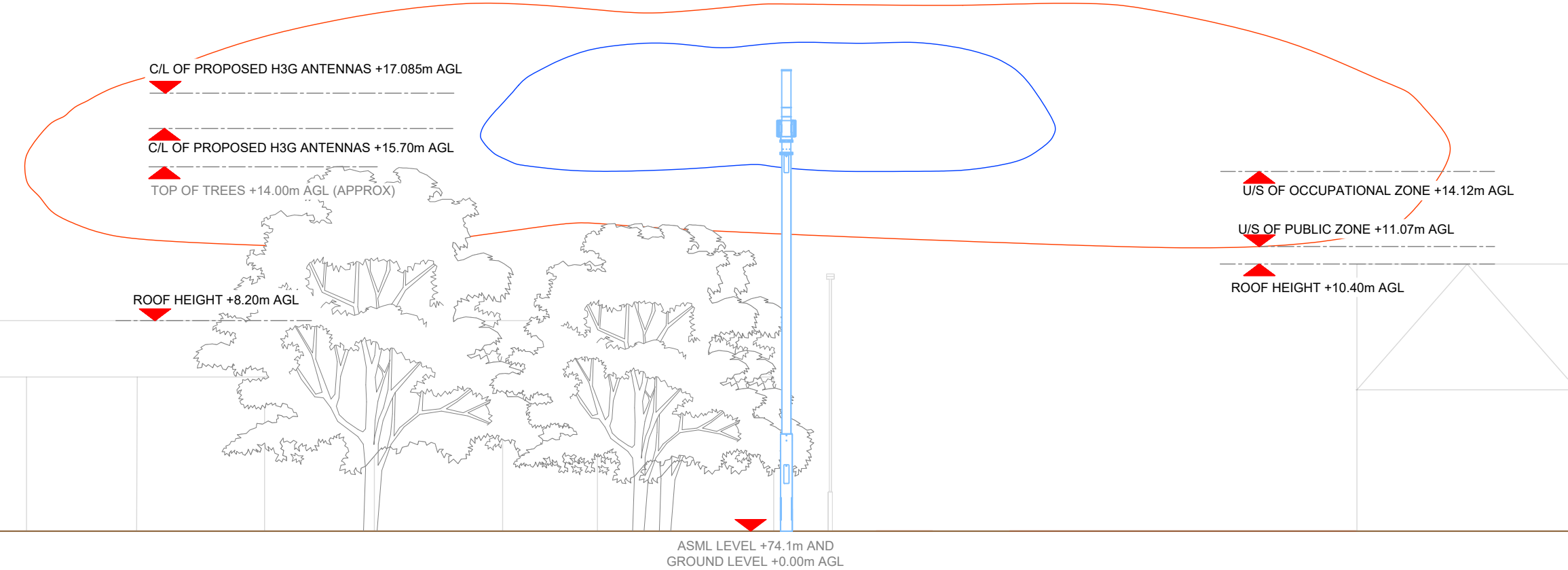
Sector A	SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only
Sector B	SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only
Sector C	SW - HS1 (Phase 8) - 1.0 - Step 1 - H3G Only

Antenna Aperture ID	Proposed 4G/5G Bearing	Operator: Shared/ EE/H3G
A1	60°	H3G
A2	60°	H3G
B1	180°	H3G
B2	180°	H3G
C1	300°	H3G
C2	300°	H3G

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



RF COMPLIANCE MAX CONFIGURATION ELEVATION A
Scale 1:200



RF COMPLIANCE MAX CONFIGURATION ELEVATION B
Scale 1:200

Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	C
Date:	09/11/2022	Revision / Upgrade Description:		
Drawn:	D.Parker	Third Issue - Pole relocated		
Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M002	H3G	DENSIFICATION SW	Planning	B
Date:	19/10/2022	Revision / Upgrade Description:		
Drawn:	D.Parker	Second Issue - Pole changed, Pole & Cabinets relocated		
Checked:	G.Thomas			
Approved:	G.Thomas			
Master:	MBNL / EE / H3G:	Project:	Purpose of Issue:	Issue:
M001	H3G	DENSIFICATION SW	Planning	A
Date:	30/06/2022	Revision / Upgrade Description:		
Drawn:	S.Booth	First Issue - Site nomination dated: TBC		
Checked:	K.Winland			
Approved:	K.Winland			



Hutchison 3G UK Limited
Green Park, 450 Longwater Avenue
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H3G Base Station Information line:
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Available 8am-8pm Monday to Friday

Design Consultant & Principal Contractor:

CLARKE telecom

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Manchester, M40 5AG
Tel: 0161 785 4500 Fax: 0161 785 4501
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Site Name:	CHURCH LANE		
Site ID:	MAN24786		
Address:	CHURCH LANE HARPURHEY MANCHESTER M9 4WH		
Title:	451 RF COMPLIANCE MAX CONFIGURATION ELEVATIONS - SECTOR A&B		
Project:	H3G DENSIFICATION STREETWORKS		
Purpose of Issue:	PLANNING		
EE Cell ID:	MBNL Cell ID:	3UK Cell ID:	
-	-	MAN24786	
Master Drawing No:		Issue:	
MAN24786_B35_GA_C		C	