V 1.8

SITE LOCATION




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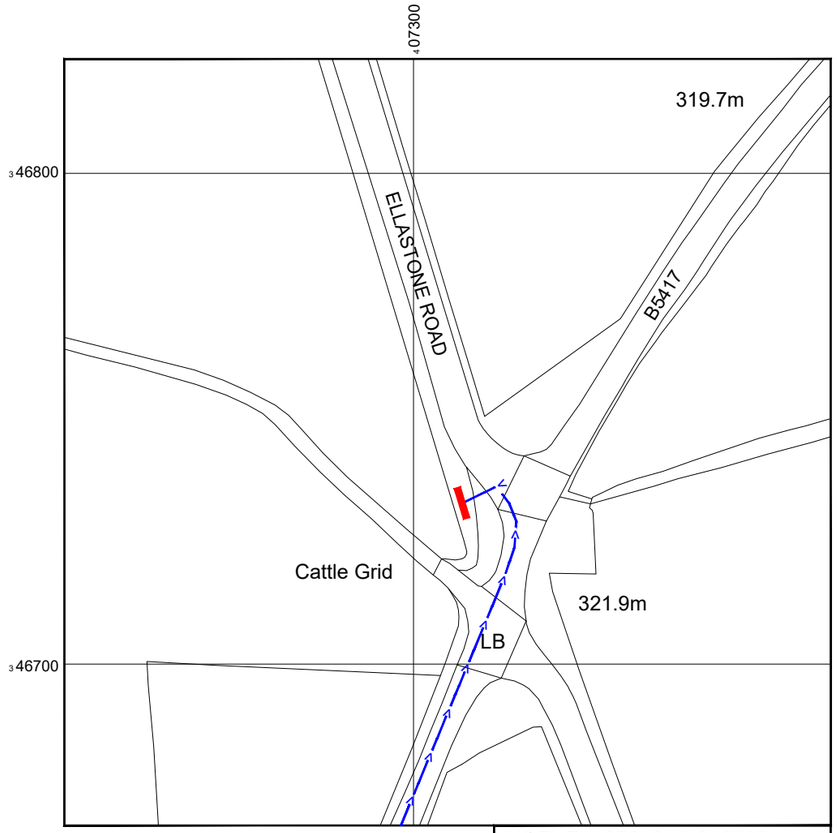
SITE AREA PLAN

0 1:50,000 1km 2



SITE PHOTOGRAPH

N




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NGR E: 407310 N: 346735

SITE LOCATION PLAN

0 1:1250 25m 50

GOOGLE MAPS QR CODE

GOOGLE MAPS - https://goo.gl/maps/w4TnvcimqtKRZW3AA

GOOGLE STREETVIEW - https://goo.gl/maps/JAafz175LnfvpN739

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

DIRECTIONS TO SITE:
Head north on M6. At junction 15, take the A500 exit to Stoke-onTrent/Newcastle-under-Lyme. At Hanchurch Interchange, take the 2nd exit onto Queensway/A500. Use the left 2 lanes to take the ramp to Campbell Rd/Derby/Uttoxeter/A50. Keep right, follow signs for A50. At Sideway, take the 2nd exit onto A50. Take the A521 exit toward Blythe Bridge/Caverswall/Meir Park. At the roundabout, take the 2nd exit onto Uttoxeter Rd/A521. Turn left onto Cheadle Rd/A521. At the roundabout, take the 2nd exit onto Tape St/A522. At the roundabout, take the 1st exit onto Queen St/B5417. Turn left onto Ellastone Rd and site location is on the left hand side.

Site Provider's Property Boundary:

Access Route To Site:

Access Route:

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
| Date: | 03/05/2021 |
| Drawn: | CDN |
| Checked: | DH |
| Approved: | SD |

Revision / Upgrade Description:
First Issue - Site nomination dated: TBC


CK Hutchison Networks (UK) Limited
Great Brighams Mead,
Vastern Road, Reading,
Berkshire, England,
RG1 8DJ

Design Consultant & Principal Contractor:
WHP Telecoms
Unit 1 Maple Park,
Low Fields Avenue, Leeds
LS12 6HH

Tel: 01133023550
e-mail: info@whptelecoms.com


Site Name:
ELLASTONE ROAD STREETWORKS

Site ID:
STM16494

Address:
ELLASTONE ROAD, COTTON,
CAULDON LOWE,
STAFFORDSHIRE MOORLANDS,
STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
002 SITE LOCATION PLAN

Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

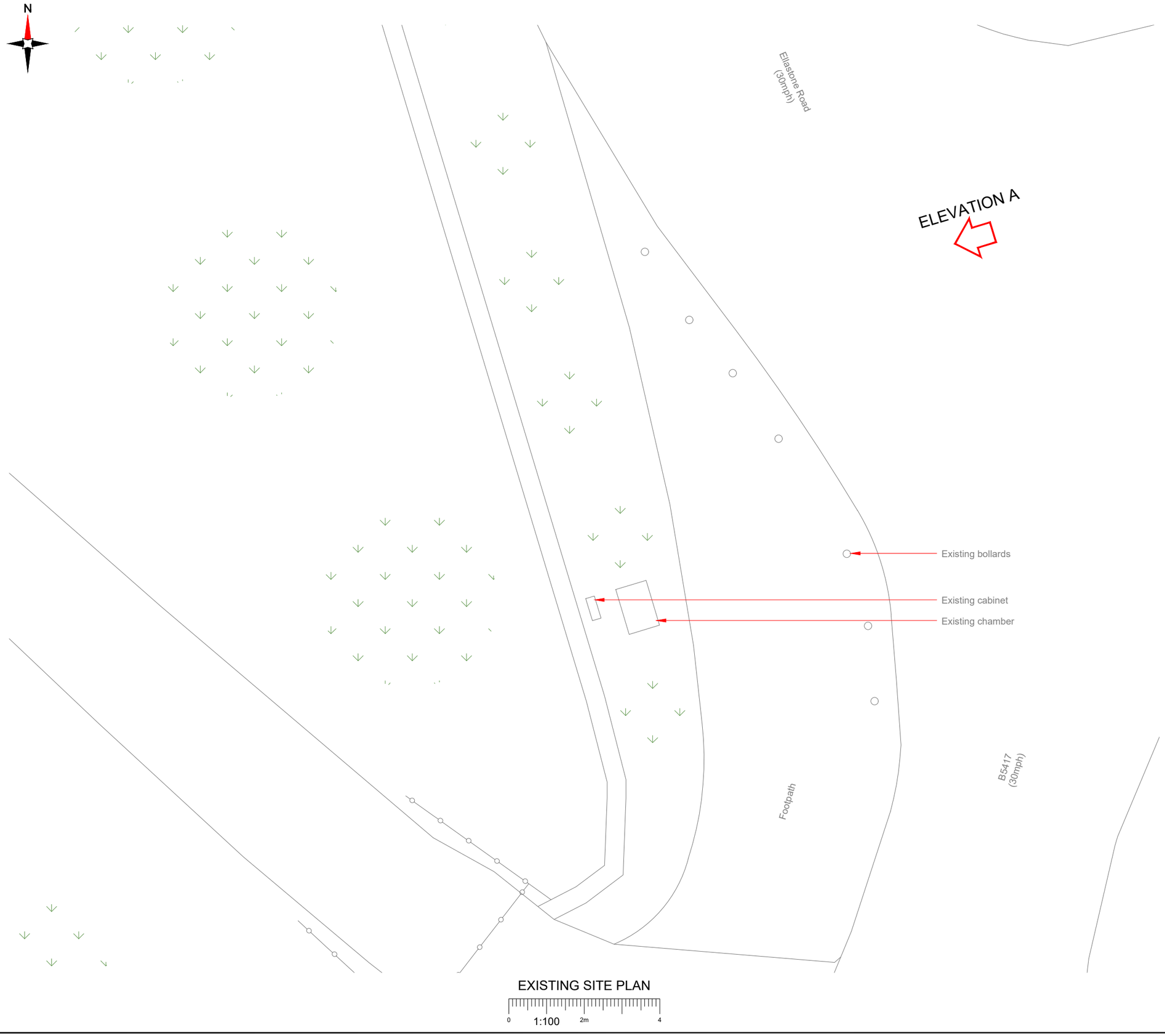
| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

Master Drawing No:
STM16494_M001

Issue:
A

100mm
50mm
10mm

V 1.8




EXISTING SITE PLAN

0 1:100 2m 4

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
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| Approved: | SD |

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Address:
ELLASTONE ROAD, COTTON,
CAULDON LOWE,
STAFFORDSHIRE MOORLANDS,
STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
100 EXISTING SITE PLAN

Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

Master Drawing No:
STM16494_M001

Issue:
A

V 1.8

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
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| Drawn: | CDN |
| Checked: | DH |
| Approved: | SD |

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ELLASTONE ROAD, COTTON,
CAULDON LOWE,
STAFFORDSHIRE MOORLANDS,
STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
150 EXISTING ELEVATION A

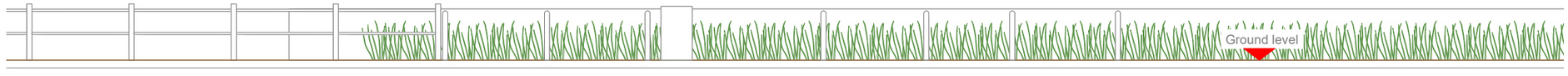
Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

| Master Drawing No: | Issue: |
|---|---|
| STM16494_M001 | A |

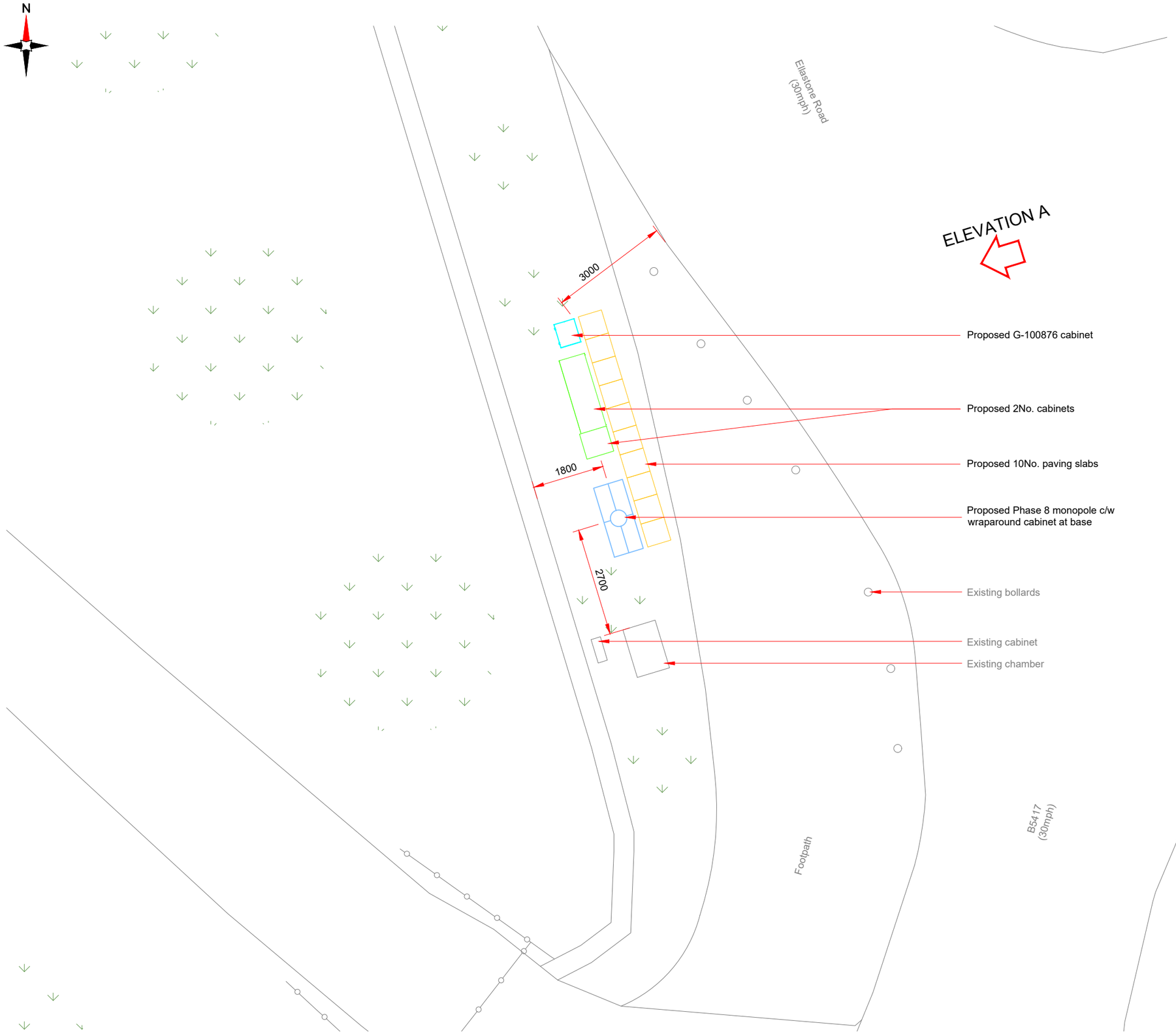
100mm
50mm
10mm




EXISTING ELEVATION A

0 1:100 2m 4

V 1.8




PROPOSED SITE PLAN

0 1:100 2m 4

100mm 50mm 10mm

| Antenna Aperture ID | Proposed 4G/5G Bearing |
|---|---|
| A1 | 0° |
| A2 | 0° |
| B1 | 120° |
| B2 | 120° |
| C1 | 240° |
| C2 | 240° |

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
| Date: | 03/05/2021 |
| Drawn: | CDN |
| Checked: | DH |
| Approved: | SD |

Revision / Upgrade Description:
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Site ID:
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Address:
ELLASTONE ROAD, COTTON,
CAULDON LOWE,
STAFFORDSHIRE MOORLANDS,
STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
210 PROPOSED SITE PLAN

Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

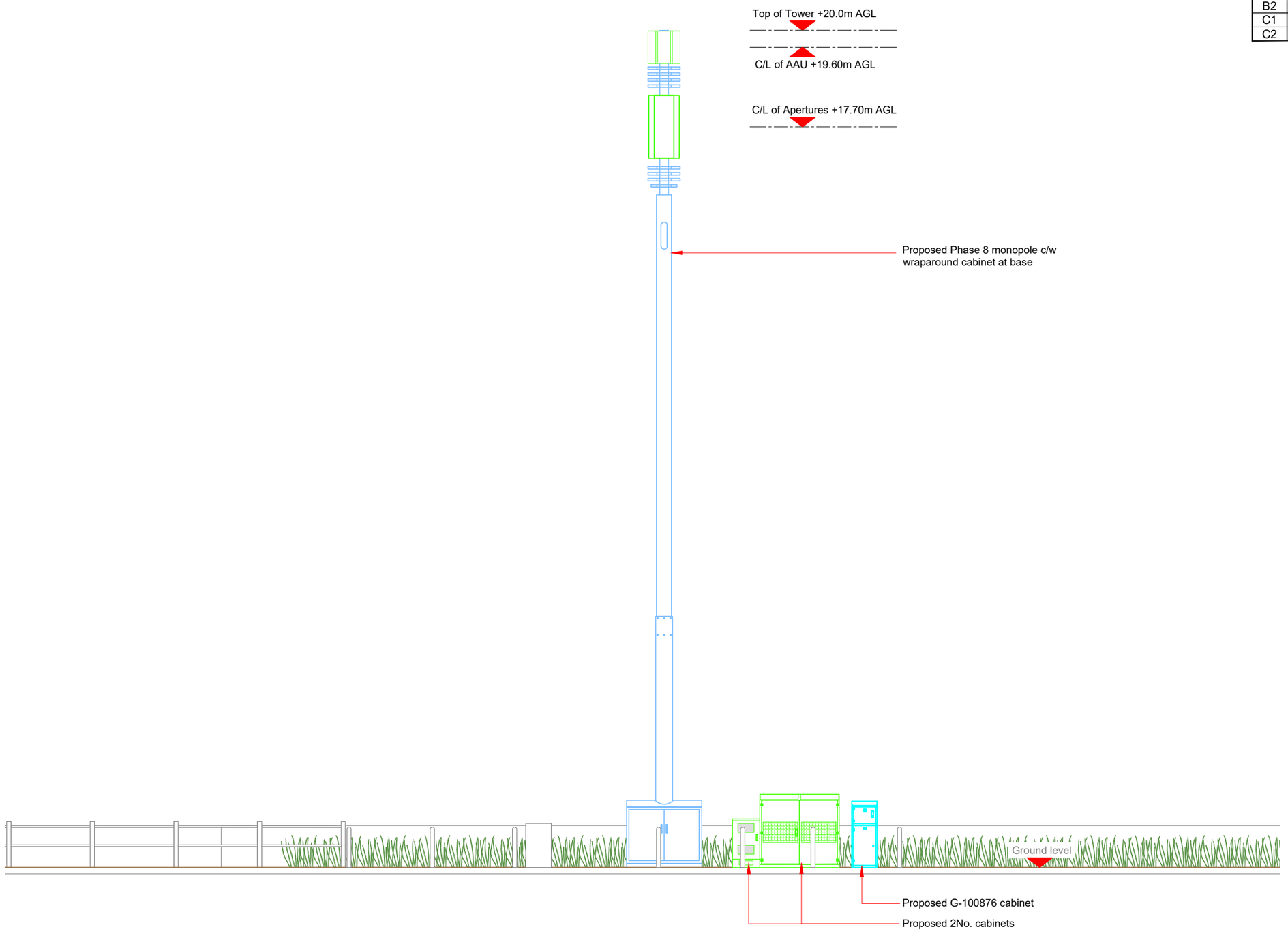
| Master Drawing No: | Issue: |
|---|---|
| STM16494_M001 | A |

V 1.8

| Antenna Aperture ID | Proposed 4G/5G Bearing |
|---|---|
| A1 | 0° |
| A2 | 0° |
| B1 | 120° |
| B2 | 120° |
| C1 | 240° |
| C2 | 240° |

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.




PROPOSED ELEVATION

0 1:100 2m 4

100mm 50mm 10mm

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
| Date: | 03/05/2021 |
| Drawn: | CDN |
| Checked: | DH |
| Approved: | SD |

Revision / Upgrade Description:
First Issue - Site nomination dated: TBC

CK Hutchison Networks (UK) Limited
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RG1 8DJ

Design Consultant & Principal Contractor:


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Tel: 01133023550
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CAULDON LOWE,
STAFFORDSHIRE MOORLANDS,
STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
260 PROPOSED ELEVATION

Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

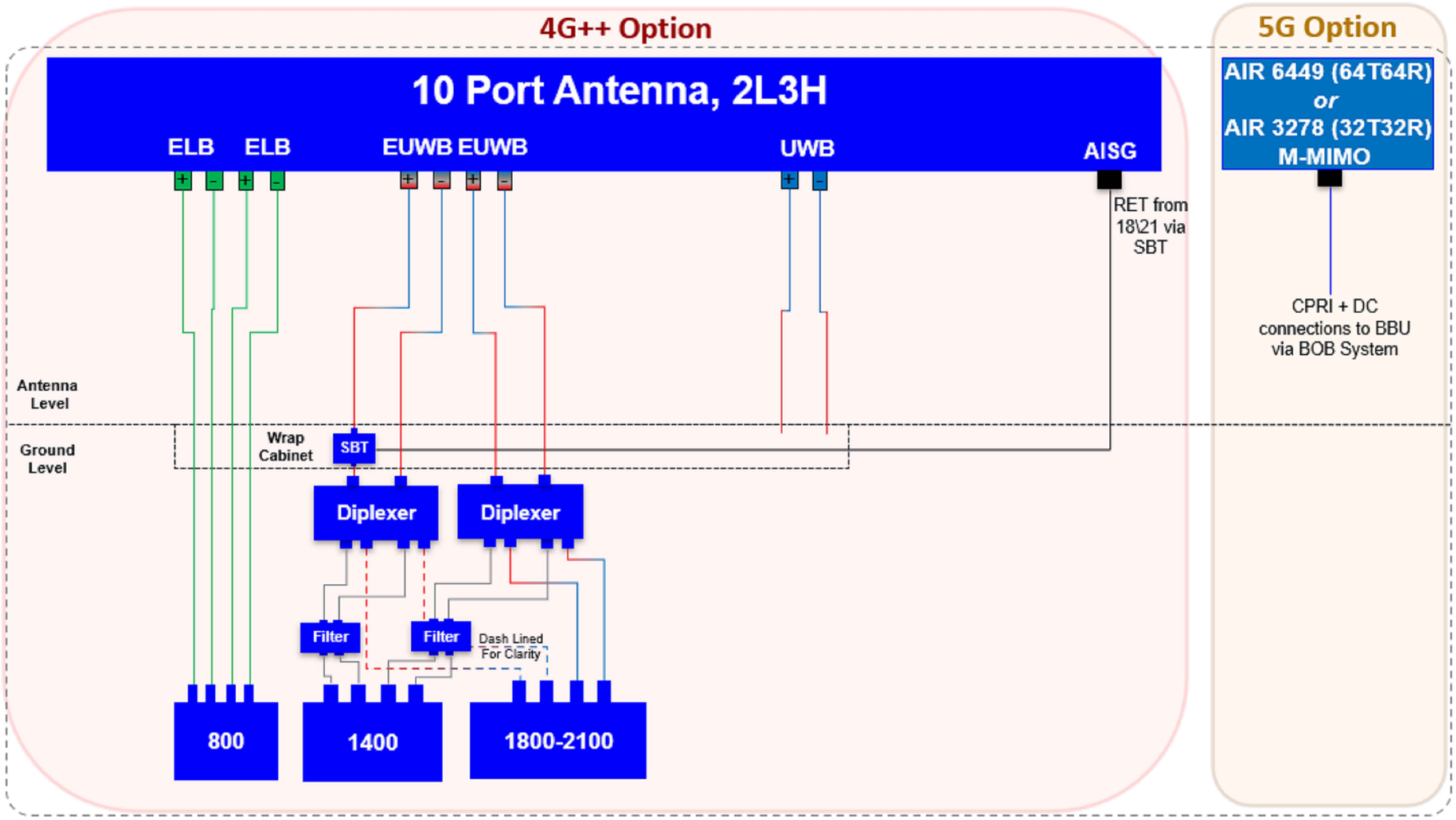
| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

| Master Drawing No: | Issue: |
|---|---|
| STM16494_M001 | A |

V 1.8

## Proposed Antenna Aperture Schedule & RF Equipment Capacity

| 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: | Antenna Aperture Coordinates | | RRU No. Max Size & Weight L=520mm 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Eastings | Northings | | | Size | Length | No. | No. Top | No. Bottom | | |
| A1 | 778x403x268mm | 19.60m | 43.4kg | 0° | 5G | - | - | - | 0 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |
| A2 | 1499x448x165mm | 17.70m | 37.5kg | 0° | 4G | - | - | - | 3 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |
| B1 | 778x403x268mm | 19.60m | 43.4kg | 120° | 5G | - | - | - | 0 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |
| B2 | 1499x448x165mm | 17.70m | 37.5kg | 120° | 4G | - | - | - | 3 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |
| C1 | 778x403x268mm | 19.60m | 43.4kg | 240° | 5G | - | - | - | 0 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |
| C2 | 1499x448x165mm | 17.70m | 37.5kg | 240° | 4G | - | - | - | 3 | 0 | TBC | TBC | 4 | 1 | 1 | 1 | 1 |




**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: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
| Date: | 03/05/2021 |
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| Approved: | SD |

Revision / Upgrade Description: First Issue - Site nomination dated: TBC


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Site Name: ELLASTONE ROAD STREETWORKS

Site ID: STM16494

Address: ELLASTONE ROAD, COTTON, CAULDON LOWE, STAFFORDSHIRE MOORLANDS, STAFFORDSHIRE, WEST MIDLANDS, ENGLAND, ST10 3BW

Title: 303 PROPOSED ANTENNA SCHEDULE & LINE CONFIGURATION

Project: 5G UNILATERAL

Purpose of Issue: PLANNING

| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

Master Drawing No: STM16494_M001

Issue: A

100mm
50mm
10mm

V 1.8

## Support Structure Schedule

| 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 8 | Valmont | 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 | Commscope - Bowler | - | 1900x600x1752 | - | Grey | Steel | Outdoor | - | - | - | |
| CAB2 | 1 | Proposed | Ericsson - 6130 | - | 650x700x950 | - | Grey | Steel | Outdoor | - | - | - | |
| CAB3 | 1 | Proposed | G-100876 | - | 600x520x1585 | - | Grey | Steel | Outdoor | - | - | - | |
| CAB4 | 1 | Proposed | Diplexer Cabinet | - | 1800x750x1600 | - | Grey | Steel | Outdoor | - | - | - | |

**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

| Master: | MBNL / EE: | Project: | Purpose of Issue: | Issue: |
|---|---|---|---|---|
| M001 | MBNL | 5G UNILATERAL | Planning | A |

| | |
|---|---|
| Date: | 03/05/2021 |
| Drawn: | CDN |
| Checked: | DH |
| Approved: | SD |

Revision / Upgrade Description:
First Issue - Site nomination dated: TBC


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STAFFORDSHIRE, WEST MIDLANDS,
ENGLAND,
ST10 3BW

Title:
305 EQUIPMENT SCHEDULE &
SUPPORT STRUCTURE DETAILS

Project:
5G UNILATERAL

Purpose of Issue:
PLANNING

| EE Cell ID: | MBNL Cell ID: | Cell ID: |
|---|---|---|
| N/A | N/A | N/A |

| Master Drawing No: | Issue: |
|---|---|
| STM16494_M001 | A |

100mm
50mm
10mm