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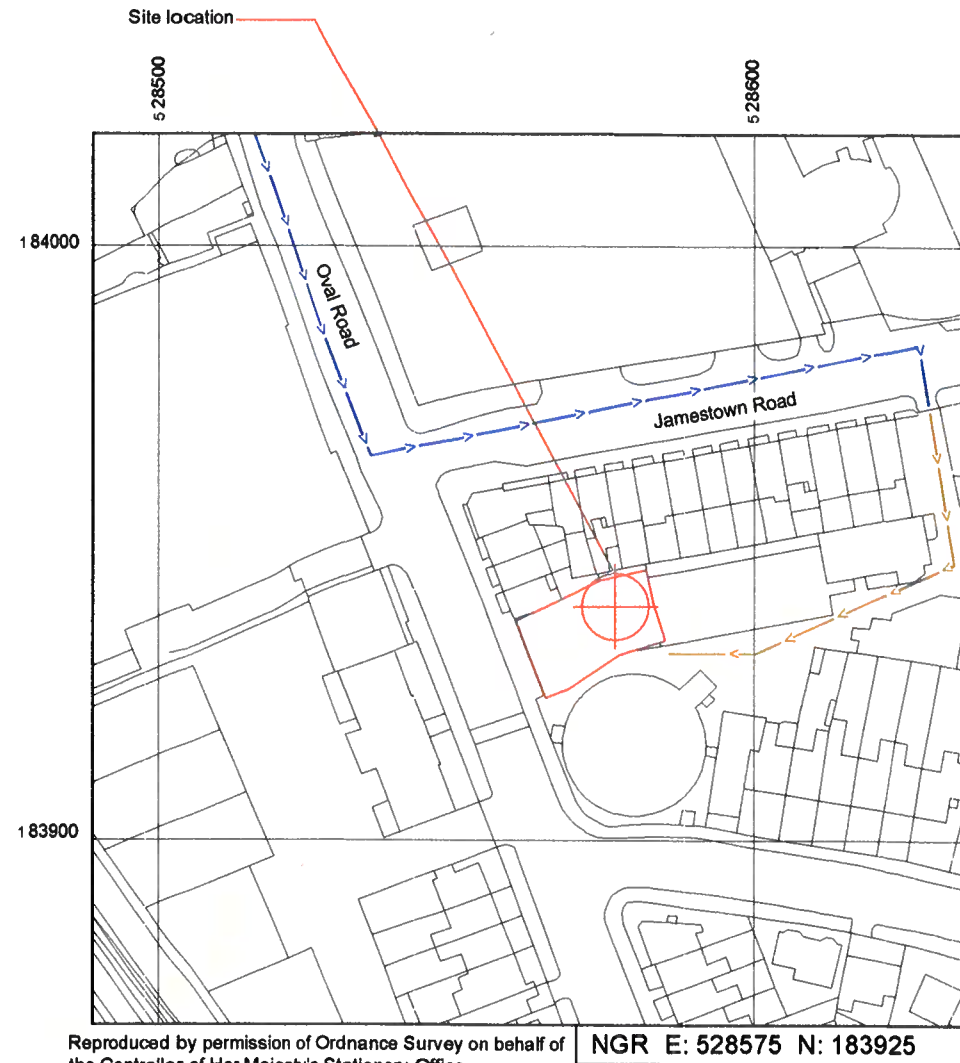


SITE AREA PLAN

SCALE 1:50,000



SITE PHOTOGRAPH



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SITE LOCATION PLAN

SCALE 1:1250



GOOGLE MAPS QR CODE

NOTES:

1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.

DIRECTIONS TO SITE:

From Oval Road turn east onto Jamestown Road then after 100m turn right immediately after the terraced row into the gated parking area signposted 'Camden Works'. Follow the footpath around to site.

SITE PROVIDER'S PROPERTY BOUNDARY:



ACCESS ROUTE TO SITE:



LEASE ACCESS ROUTE:



Master	MBNL	ATAP	Planning	B
Date	10/01/2019	Revision / Upgrade Description		
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones		
Checked	REM	added to design		
Approved	REM			
Master	MBNL	ATAP	Planning	A
Date	03/05/2018	Revision / Upgrade Description		
Drawn	DC	First Issue		
Checked	REM			
Approved	SKS			



Mobile Broadband Network Limited
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e-mail: info@whptelecoms.com

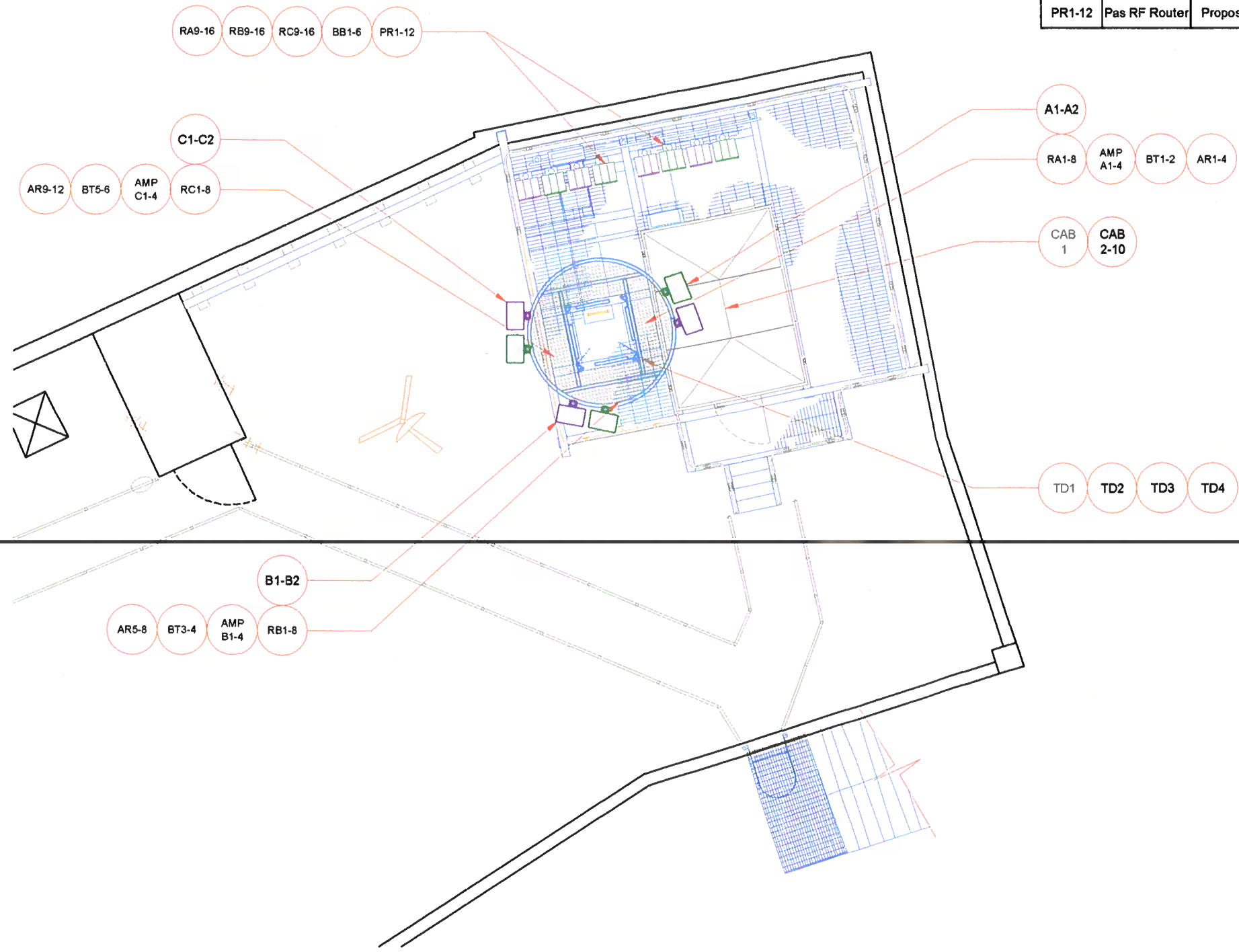
Site Name:	12 OVAL ROAD		
Site ID:	720151		
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH		
Title:	002 SITE LOCATION PLAN		
Project:	ATAP		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	98472	MBNL Cell ID:	CMN039
SUK Cell ID:	NW0146		
Master Drawing No:	720151_CMN039_98472_NW0146_M002		Issue:
			B

100mm
50mm
10mm



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:	Asset Reference	Asset Description:	Asset Status:	Antenna / Dish / MHA / RRU / Equipment Access Description:
A1-A2	Aperture	Proposed	Rigger access	CAB1	Cabin	Installed	Rooftop Worker	RA1-16	RRU	Proposed	Rooftop Worker
B1-B2	Aperture	Proposed	Rigger access	CAB2-10	Cabinet	Proposed	Rooftop Worker	RB1-16	RRU	Proposed	Rooftop Worker
C1-C2	Aperture	Proposed	Rigger access	TD1	Dish	Installed	Rigger access	RC1-16	RRU	Proposed	Rooftop Worker
				TD2	Dish	Proposed	Rigger access	AMPA1-4	MHA	Proposed	Rigger access
				TD3	Dish	Proposed	Rigger access	AMPB1-4	MHA	Proposed	Rigger access
				TD4	Dish	Proposed	Rigger access	AMPC1-4	MHA	Proposed	Rigger access
								BT1-6	BOB Top	Proposed	Rooftop Worker
								BB1-6	BOB Bottom	Proposed	Rooftop Worker
								AR1-12	Act RF Router	Proposed	Rooftop Worker
								PR1-12	Pas RF Router	Proposed	Rooftop Worker

NOTES:
 1. ALL DIMENSIONS IN MM UNLESS OTHERWISE NOTED.
 DEFINED ACCESS ROUTE DESCRIPTION FROM SITE ENTRANCE TO THE EQUIPMENT:
 ACCESS TO ROOFTOP IS VIA EXTERNAL STAIRCASE. (SIGN IN AT SECURITY AND OBTAIN KEYS FOR ACCESS LADDER AT TOP OF STAIRCASE) ONCE ON ROOF CABIN IS STRAIGHT AHEAD.



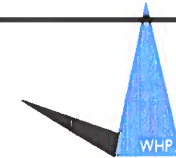
ACCESS PLAN
Scale 1:100



Master	MBNL	Project	ATAP	Purpose of Issue	Planning	Issue	B
Date	10/01/2018	Revision / Upgrade Description					
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design					
Checked	REM						
Approved	REM						
Master	MBNL	Project	ATAP	Purpose of Issue	Planning	Issue	A
Date	03/05/2018	Revision / Upgrade Description					
Drawn	DC	First Issue					
Checked	REM						
Approved	SKS						

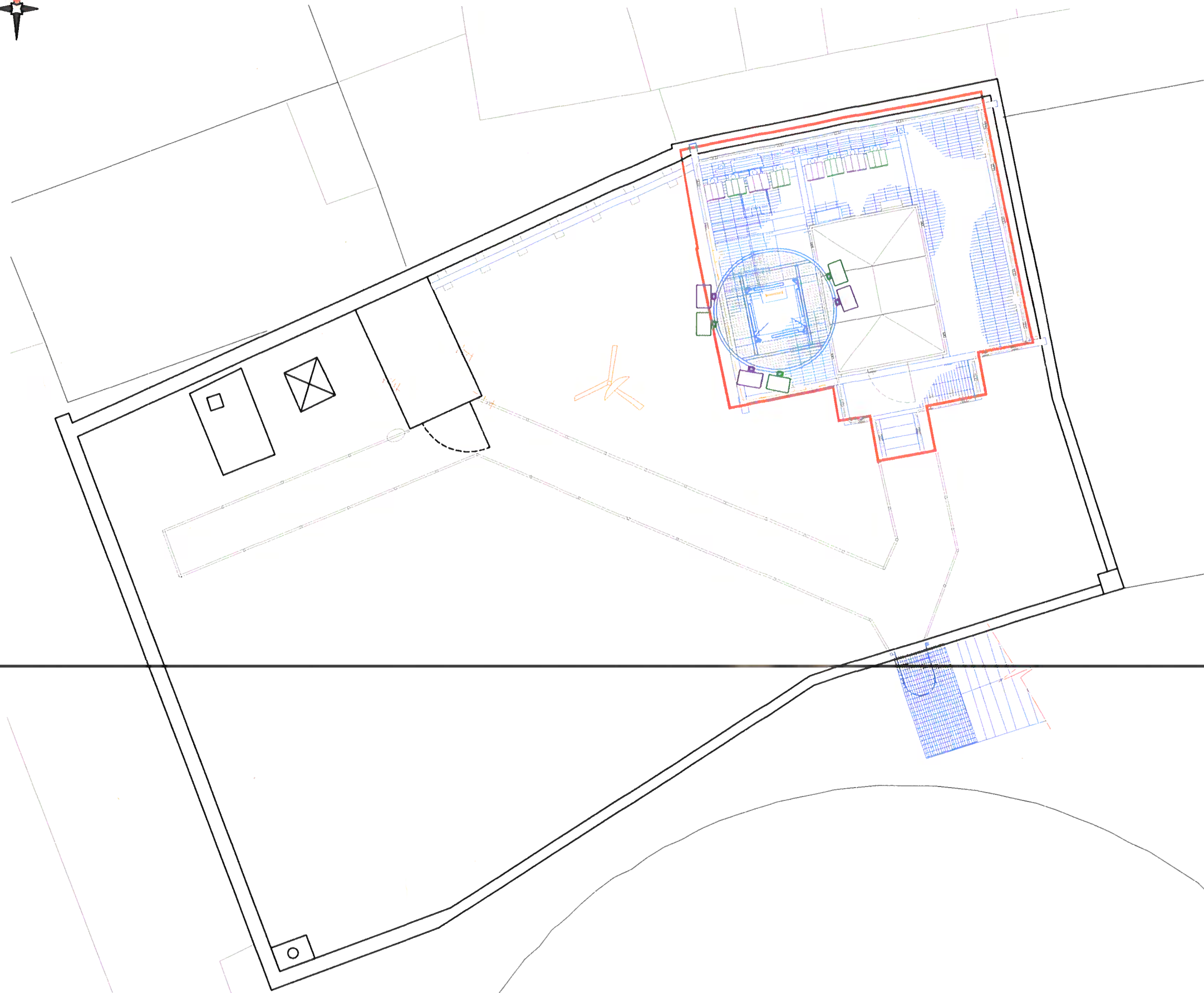


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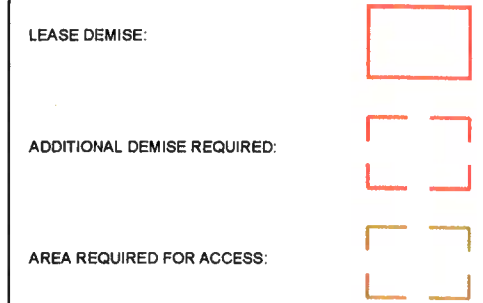
Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	003 ACCESS PLAN				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	SUK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B



LEASE DEMISE PLAN
Scale 1:00



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



Master	MBNL / EE / H2O	Project	ATAP	Purpose of Issue	Planning	Issue	B
Date	10/01/2019	Revision / Upgrade Description					
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design					
Checked	REM						
Approved	REM						
Master	MBNL / EE / H2O	Project	ATAP	Purpose of Issue	Planning	Issue	A
Date	03/05/2018	Revision / Upgrade Description					
Drawn	DC	First Issue					
Checked	REM						
Approved	SKS						



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Site Name:	12 OVAL ROAD		
Site ID:	720151		
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH		
Title:	004 LEASE DEMISE		
Project:	ATAP		
Purpose of Issue:	GENERAL ARRANGEMENT		
EE Cell ID:	98472	MBNL Cell ID:	CMN039
		3UK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002		Issue:
			B



Proposed crane location on Oval Road

CRANE LOCATION PLAN

Scale 1:200



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

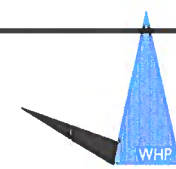
PROPOSED CRANE OR CHERRY PICKER LOCATION:



Master	MBNL/EE/7H20	Project	ATAP	Purpose of Issue	Planning	Issue	B
Date	10/01/2018	Revision / Upgrade Description					
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design					
Checked	REM						
Approved	REM						
Master	MBNL/EE/7H20	Project	ATAP	Purpose of Issue	Planning	Issue	A
Date	03/05/2018	Revision / Upgrade Description					
Drawn	DC	First Issue					
Checked	REM						
Approved	SKS						



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Site Name:	12 OVAL ROAD	
Site ID:	720151	
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH	
Title:	005 CRANE LOCATION	
Project:	ATAP	
Purpose of Issue:	GENERAL ARRANGEMENT	
EE Cell ID:	98472	3UK Cell ID: NW0146
MBNL Cell ID:	CMN039	
Master Drawing No:	720151_CMN039_98472_NW0146_M002	
Issue:	B	

DEPENDENCY	STATUS
RF Compliance	Pass - complies with Step-Down 3 on all sectors
Building Regulations Approval	TBC by Local Authority
Asbestos	Asbestos Survey Required
Planning Conditions	TBC by Local Authority
Geotech Report	N/A.
Structural Calculations	Required for existing roof/grillage
Intrusive Building Survey	Required to determine suitability of existing structure
Global Design Check	N/A.
Rigging Survey	N/A.
FIXITS	Required for tep-Down 3 on all sectors
Power	TBC - Electrical survey required to determine source/type of landlords supply to cabin.
Transmission Solution	Existing Transmission dish
Cooling Solution	Existing CEMS to be upgraded to 16KW.
Line of Sight Survey	Required for new dish locations
Services Search	N/A
Other	Existing Crabtree AC DB in equipment cabin to be upgraded with ICD 12 way pan assembly.
Other	Existing submain from landlord supply to cabin to be upgraded (pending electrical survey).

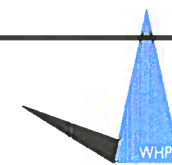
Solution Reference Identification:-

H2a

Project	MBNL P/E / PDU	Project	Purpose of Issue	Issue
M002	MBNL	ATAP	Planning	B
Date	10/01/2019	Revision / Upgrade Description		
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design		
Checked	REM			
Approved	REM			
Project	MBNL P/E / PDU	Project	Purpose of Issue	Issue
M001	MBNL	ATAP	Planning	A
Date	03/05/2018	Revision / Upgrade Description		
Drawn	DC	First Issue		
Checked	REM			
Approved	SKS			



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Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	007 FIXITS & DEPENDENCIES				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	3UK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B

110mm

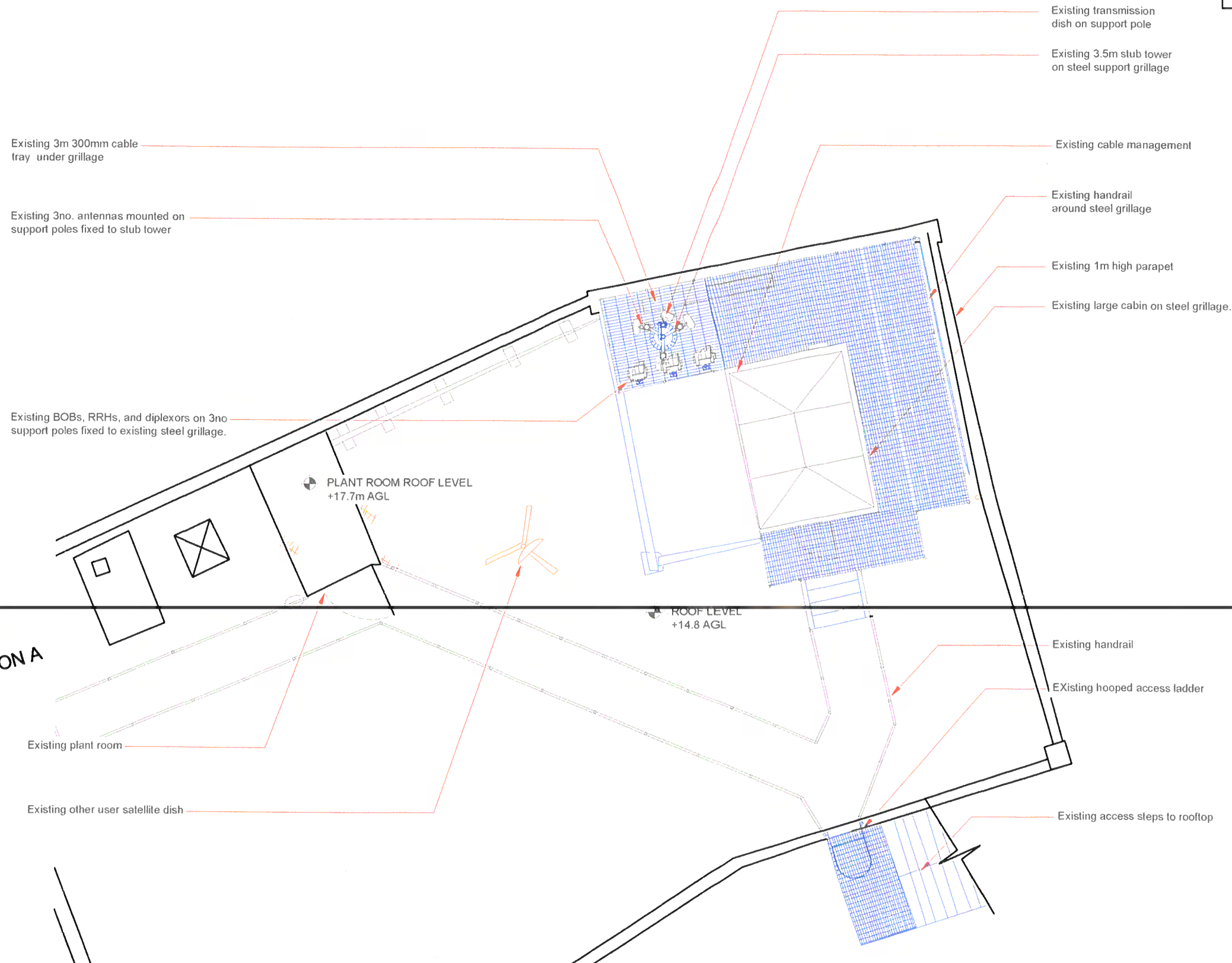
150mm

10mm





30 Antenna ID	Existing 30- Bracket
UA1	70°
UB1	150°
UC1	270°



ELEVATION A

EXISTING SITE PLAN

Scale 1:100



10mm

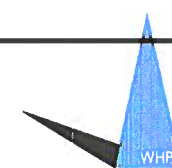
50mm

10mm

Master	MBNL	EE / FIC/0	Project	ATAP	Purpose of Issue	Planning	Issue	B
Date	12/01/2018	Revision / Upgrade Description						
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design						
Checked	REM							
Approved	REM							
Master	MBNL	EE / FIC/0	Project	ATAP	Purpose of Issue	Planning	Issue	A
Date	03/05/2018	Revision / Upgrade Description						
Drawn	DC	First Issue						
Checked	REM							
Approved	SKS							



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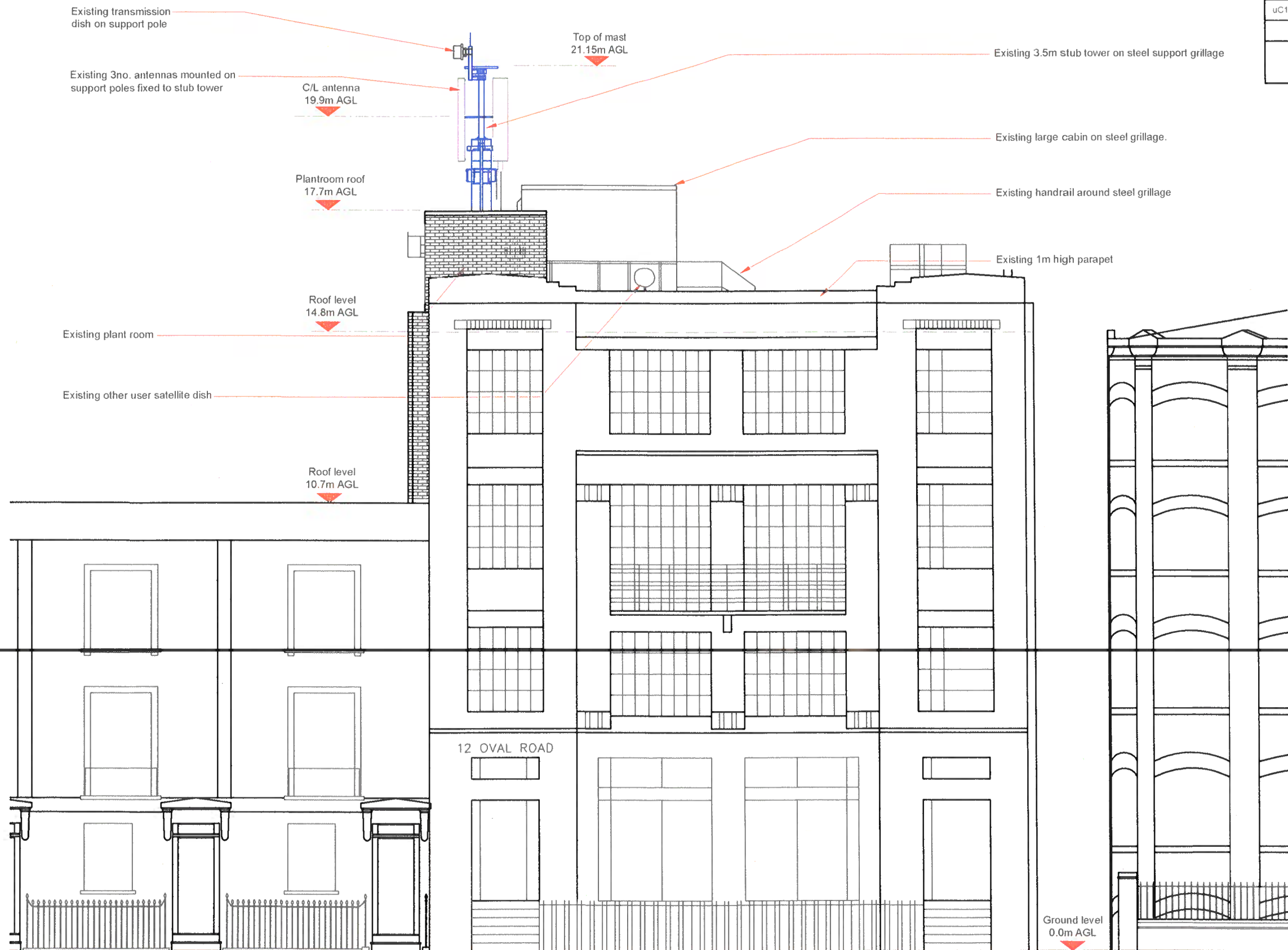
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Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	100 EXISTING SITE PLAN				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	SUK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B

3G Antenna ID	Existing 3G Bearing
uA1	70°
uB1	192°
uC1	279°

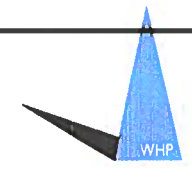


EXISTING ELEVATION A
Scale 1:100
0m 1m 5m

Master	MBNL 7EE71150	Project	Purpose of Issue	Issue
M002	MBNL	ATAP	Planning	B
Date	10/01/2018	Revision: 7339333.L00101.com		
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design		
Checked	REM			
Approved	REM			
Master	MBNL 7EE71150	Project	Purpose of Issue	Issue
M001	MBNL	ATAP	Planning	A
Date	03/05/2018	Revision: 7339333.L00101.com		
Drawn	DC	First Issue		
Checked	REM			
Approved	SKS			



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Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	150 EXISTING ELEVATION A				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	3UK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B

100mm
50mm
10mm



Aperture ID	Proposed 4G/5G Bearing	Operator Shared EIRP/3G
A1	70°	EE
A2	70°	H3G
B1	190°	EE
B2	190°	H3G
C1	270°	EE
C2	270°	H3G

Proposed bearings match nomination issued on 10/09/2018

Proposed 600 wide cable ladder on support poles behind RRUs.

Proposed RRUs & BOBs mounted on new steel support poles on existing grillage beams.

Proposed 600 wide cable tray under grillage.

Proposed steel beams added to existing grillage to support new tower. C/W handrail, toeplate and open mesh flooring.

Existing handrail around steel grillage

Existing 1m high parapet

Proposed 10m high FLI stub lattice tower to be installed on new steel grillage on existing grillage. Proposed 6No antennas to be installed on headframe. Proposed 3No 600Ø dishes and existing 1No 300Ø dish to be mounted on tower legs. RRUS to be mounted on tower at low level.

Existing large cabin on rooftop grillage. Existing cabinets within to be replaced with 9No new cabinets.

Proposed access lighting and fire alarm sounder to be installed on handrail.

Existing handrail

Existing hooped access ladder

Existing access steps to rooftop

Plant room roof level +17.7m AGL

Roof level +14.8 AGL

Existing plant room

Existing other user satellite dish

Master	MBNL / EE / H3G	Project	Purpose of Issue	Issue
M002	MBNL	ATAP	Planning	B
Date	10/01/2018	Revision / Update / Change / Issue		
Drawn	JPR	Updated to TD40001 drawing standards and new ICNIRP zones added to design		
Checked	REM			
Approved	REM			
Master	MBNL / EE / H3G	Project	Purpose of Issue	Issue
M001	MBNL	ATAP	Planning	A
Date	03/05/2018	Revision / Update / Change / Issue		
Drawn	DC	First Issue		
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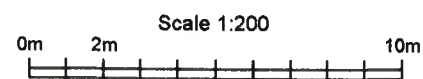
Unit 1 Maple Park,
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Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	215 MAX CONFIGURATION SITE PLAN				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	SUK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B

ELEVATION A

PROPOSED MAX CONFIGURATION SITE PLAN



10mm

50mm

10mm

Top of antennas 25.55m AGL

C/L antennas 24.05m AGL

U/S antennas 22.55m AGL

C/L Dishes 20.65m AGL

Plantroom roof 17.7m AGL

Roof level 14.8m AGL

Roof level 10.7m AGL

Ground level 0.0m AGL

Proposed 10m high FLI stub lattice tower to be installed on new steel grillage on existing grillage. Proposed 6No antennas to be installed on headframe. Proposed 3No 600Ø dishes and existing 1No 300Ø dish to be mounted on tower legs. RRUS to be mounted on tower at low level.

Proposed steel beams added to existing grillage to support new tower. C/W handrail, toeplate and open mesh flooring.

Existing large cabin on rooftop grillage. Existing cabinets within to be replaced with 9no new cabinets.

Existing handrail around steel grillage

Existing 1m high parapet

Existing plant room

Existing other user satellite dish

Aperture ID	Proposed 40/50 Bearing	Operator Shared EIRP/50
A1	70°	EE
A2	70°	H3G
B1	190°	EE
B2	190°	H3G
C1	270°	EE
C2	270°	H3G

Proposed bearings match nomination issued on 10/09/2018

Master	MBNL / EE / H3G	Project	Purpose of Issue	Issue
M002	MBNL	ATAP	Planning	B
Drawn	JPR	Revision / Upgrade Description		
Checked	REM	Updated to TD40001 drawing standards and new ICNIRP zones added to design		
Approved	REM			
Master	MBNL / EE / H3G	Project	Purpose of Issue	Issue
M001	MBNL	ATAP	Planning	A
Drawn	DC	Revision / Upgrade Description		
Checked	REM	First Issue		
Approved	SKS			



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Site Name:	12 OVAL ROAD				
Site ID:	720151				
Address:	12 OVAL ROAD, HELICAL BAR, CAMDEN TOWN, LONDON, NW1 7BH				
Title:	265 MAX CONFIGURATION ELEVATION				
Project:	ATAP				
Purpose of Issue:	GENERAL ARRANGEMENT				
EE Cell ID:	98472	MBNL Cell ID:	CMN039	SUK Cell ID:	NW0146
Master Drawing No:	720151_CMN039_98472_NW0146_M002			Issue:	B

PROPOSED MAX CONFIGURATION ELEVATION A

0m 1m Scale 1:100 5m

10mm
50mm
10mm