

Site Name. LAMPOST WEST HEATH ROAD

[illegible][illegible][illegible]

**T-Mobile**

everything  
everywhere

Everything Everywhere Ltd  
Hatfield Business Park  
Hatfield  
AL10 9BW

WEST HEATH ROAD  
HAMPSTEAD  
LONDON NW3 7XD



**ICNIRP DESIGN CLASSIFICATION :- PUBLIC**

Site No. GLN7446

Site Name. LAMPOST WEST HEATH ROAD

Declaration of Conformity with ICNIRP Public Exposure Guidelines  
("ICNIRP Declaration")



Everything Everywhere Ltd  
Hatfield Business Park  
Hatfield  
AL10 9BW

Certifies that the proposed equipment and installation as detailed in drawing numbers  
GLN7446/GA/101-104 inclusive within the attached planning/GPDO application at:

WEST HEATH ROAD  
HAMPSTEAD  
LONDON NW3 7XD

is designed to be in full compliance with the requirements of the radio frequency (RF)  
public exposure guidelines of the International Commission on Non-Ionising Radiation  
Protection (ICNIRP), as expressed in EU Council recommendation of 12 July 1999 \*  
"on the limitation of exposure of the general public to electromagnetic fields (0 Hz to  
300 GHz)".

\*Reference:

Date: 17th May 2012

Signed:

For and on behalf of Everything Everywhere Ltd

Name: Chris Padfield  
Position: Design Engineer  
Company: Infra Projects

ICNIRP Design Declaration

Orange Statement

Orange policy is to abide by compliance limits set by ICNIRP for both PUBLIC and Occupational environments. The ICNIRP PUBLIC recommendations have been interpreted by the European Commission and this guidance accepted by the UK government and the IEGMP (Stewart Report). All operators in the UK will now work to these guidelines for PUBLICLY accessible areas. Due to the wide variety of equipment, design configurations and potential future upgrades that need to be considered in order to prove compliance with the ICNIRP PUBLIC recommendations Orange have included Site Design Requirements in Spec1838 and Spec201. Orange PCS Ltd. can confirm that when a site is designed and constructed strictly in accordance with these documents, it will satisfy the compliance limits set by ICNIRP for PUBLIC environments.

T.Smith  
Design Manager - Access Network  
EverythingEverywhere Ltd

Designers Statement

This is to confirm that:

Site No.	GLN7446	Site Name	LAMPOST WEST HEATH ROAD
		Upgrade No.	
Designed On	17.05.12	By:	Chris Padfield
Detailed on the following drawings: (Include all revision numbers)	A	GLN7446/GA/101 - LOCATION PLANS	
	A	GLN7446/GA/102 - SITE PLANS	
	A	GLN7446/GA/103 - SITE ELEVATIONS	
	A	GLN7446/GA/104 - EQUIPMENT LAYOUT	
	A	GLN7446/GA/200 - EQUIPMENT LAYOUT	

This site is designed in accordance with Orange Documentation:

Spec1838 RF Exposure for Orange Sites - Design Guide  
Spec201 Safety & Information Signage Specification  
Version current at design date given above.

ICNIRP ACCESS CLASSIFICATION	ICNIRP DESIGN CLASSIFICATION
PUBLIC	PUBLIC

With no variations:

Note - full details of any variations must be attached and signed by the Orange Network Planner as being required and meeting the compliance limits set by ICNIRP for PUBLIC environments.

Signed: 	Print Name: Chris Padfield	Company Address: Infra Projects 4200 Waterside Centre, Solihull Parkway, Birmingham Business Park, Birmingham, B37 7YN Tel: +44 (0121) 717 4771
Position: Design Engineer	Date: 17.05.12	

ACQUISITION CONSULTANT



DESIGN CONSULTANT



ICNIRP DETAILS

ACCESS CLASSIFICATION	PUBLIC
DESIGN CLASSIFICATION	PUBLIC

OPCS UPGRADE REFERENCES


DOES THIS SITE DESIGN CONFIRM TO  
THE FOLLOWING OPCS DOCUMENTS:-  
PLAN 168 Ver 5 & SPEC 252 Ver 5

YES NO

IF NO DETAIL THE EXCEPTIONS BELOW:-

- 
- 
- 
- 
- 

CROWN COPYRIGHT RESERVED.  
MAPS REPRODUCED WITH THE PERMISSION OF  
THE CONTROLLER OF HM's STATIONERY OFFICE.

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.  
THIS DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS.

TITLE

ICNIRP DECLARATION  
WEST HEATH ROAD  
HAMPSTEAD  
LONDON NW3 7XD

THIRD PARTY REF.

N/A

SITE CODE

GLN7446

OPT LETTER

N/A

DRG TYPE

IC

DRG No

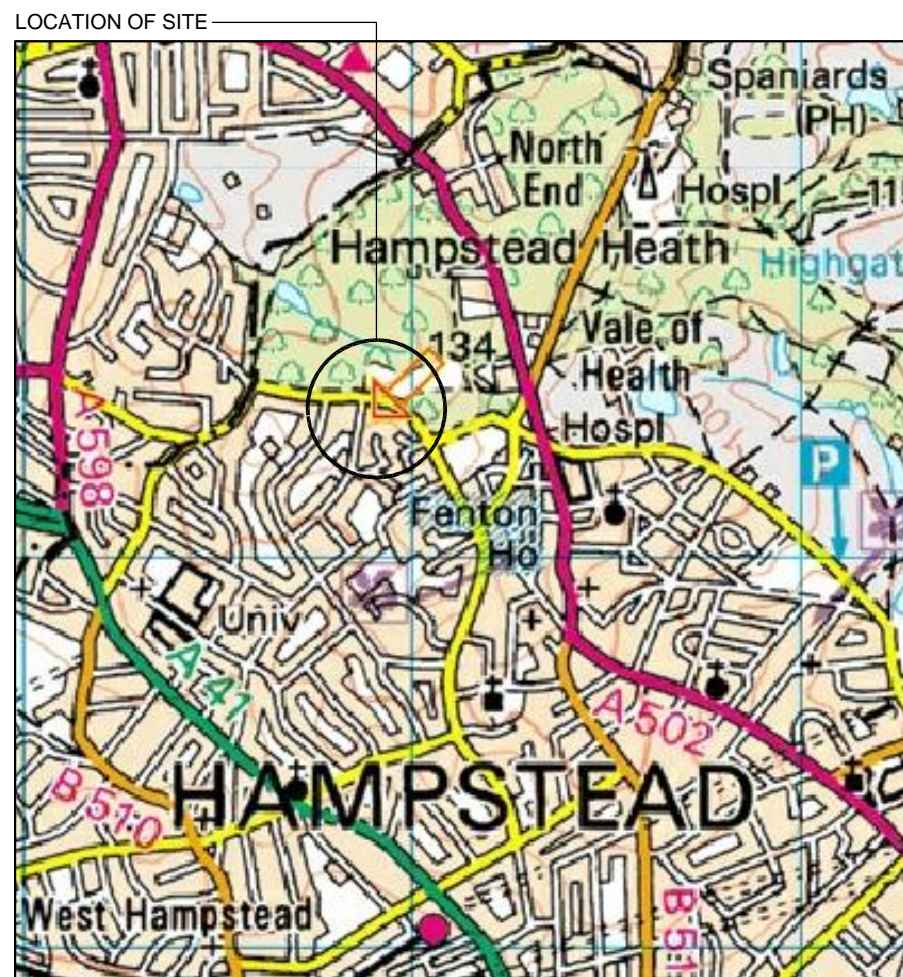
ID

REV

A

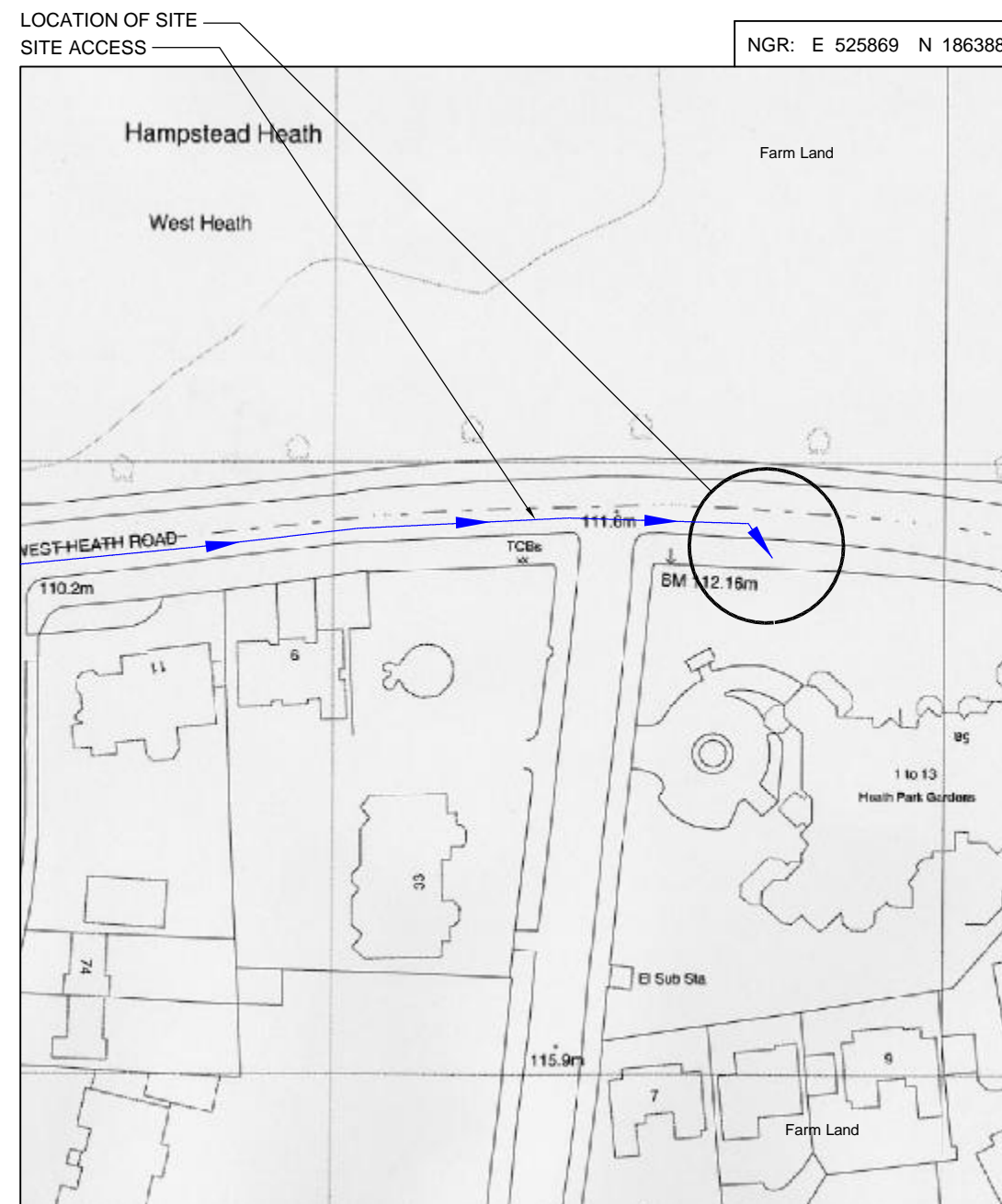


Everything Everywhere Ltd  
Hatfield Business Park  
Hatfield  
AL10 9BW



CROWN COPYRIGHT RESERVED. REPRODUCED  
WITH THE PERMISSION OF THE CONTROLLER  
OF H.M. STATIONARY OFFICE

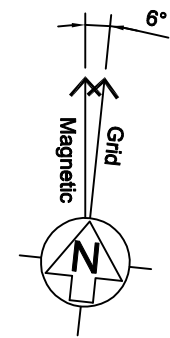
Head **southeast** on **M1**. Take the **A406 (E)** ramp to **N. Circular/C. London/Wood Green/Golders Green** 0.2 mi. Merge onto **N Circular Rd/A406** 0.2 mi. Take the **A41** exit toward **Aylesbury/Centre London W** 0.1 mi. At the roundabout, take the **3rd** exit onto **Brentfield Gardens** 0.3 mi. Take the ramp onto **Brent Cross Flyover/A41** Continue to follow **A41** 1.4 mi. Turn right onto **Finchley Rd/A41** 0.1 mi. Sharp left onto **Platt's Ln** Go through 1 roundabout 0.5 mi. Continue onto **W Heath Rd** Destination will be on the right



**BLOCK PLAN**  
SCALE 1:1250

ACQUISITION CONSULTANT		ICNIRP DETAILS		DOES THIS SITE DESIGN CONFORM TO THE FOLLOWING OPCS DOCUMENTS:- PLAN 168 Ver 5 & SPEC 252 Ver 5		YES		NO						TITLE		range		T-Mobile		everything everywhere		Everything Everywhere Ltd Hatfield Business Park Hatfield AL10 9BW		OPT LETTER		DRG TYPE		DRG No		REV					
GallifordTry		ACCESS CLASSIFICATION PUBLIC												LOCATION PLANS WEST HEATH ROAD HAMPSTEAD LONDON NW3 7XD										N/A		GLN7446		N/A		GA		101		A	
DESIGN CONSULTANT		DESIGN CLASSIFICATION PUBLIC		IF NO DETAIL THE EXCEPTIONS BELOW:-																															
Infra Projects Sustainable   Innovative		OPCS UPGRADE REFERENCES		1.																															
				2.																															
				3.																															
				4.																															
				5.																															





# ELEVATION A

(See Drawing No. GLN7446/GA/103)

5000 0 5000 10000 15000  
ORIGINAL SCALE AT A3 - 1:125  
ALL DIMENSIONS IN MILLIMETRES

Existing OPCS redundant 2G equipment cabinet to be removed

Proposed OPCS antenna to replace existing within structure shroud. For details refer to drawing No. GLN7446/GA/104.

Existing kerb line

Existing tree

Existing trees and bushes

Existing wall and steel rail top

Proposed OPCS 1No. 150mmØ underground feeder interlink duct

Proposed OPCS Dorset cabinet on a concrete root foundation to house 2G Huawei & BT

Proposed OPCS underground incoming AC REC supply duct

Proposed OPCS meter pillar cabinet on a root foundation

Proposed OPCS underground sub-main ducts

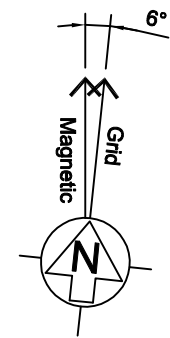
Proposed OPCS underground incoming BT duct

Proposed OPCS underground BT interlink duct

Proposed OPCS Dorset cabinet on a concrete root foundation to house 3G Flexis & UCUs

## PROPOSED SITE PLAN

SCALE 1:100



# ELEVATION A

(See Drawing No. GLN7446/GA/103)

5000 0 5000 10000 15000  
ORIGINAL SCALE AT A3 - 1:125  
ALL DIMENSIONS IN MILLIMETRES

Existing 8m high Hutchinson lamp post on augered base fitted with omni antenna

Existing kerb line

Existing tree

Existing trees and bushes

Existing wall and steel rail top





Existing incoming power conduit

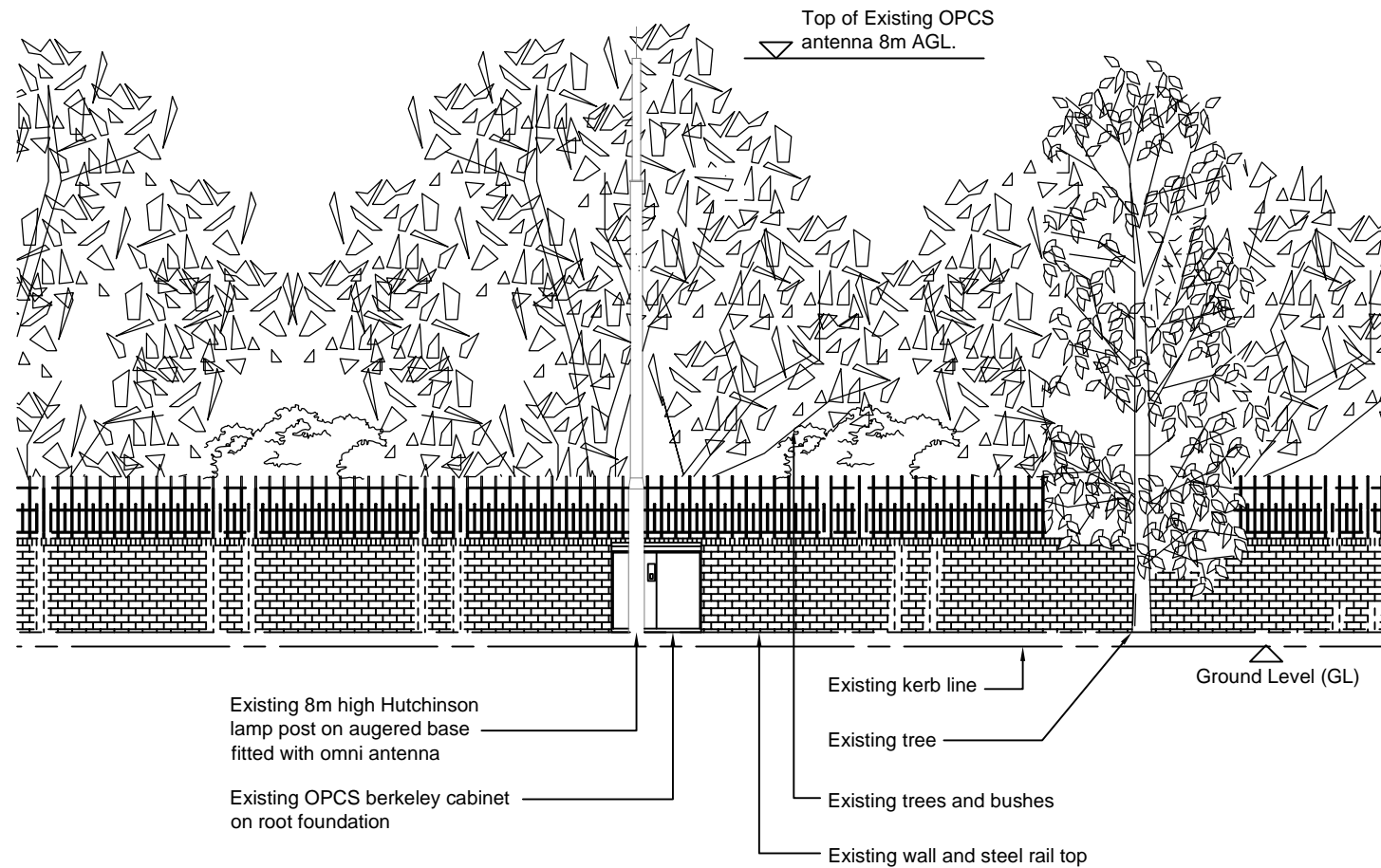
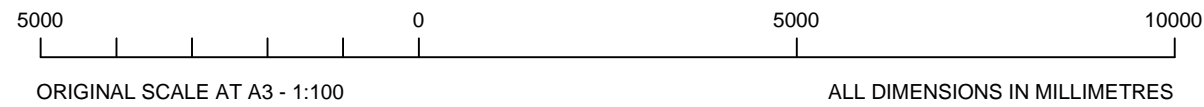
Existing conduit

Existing OPCS berkeley cabinet on root foundation

## EXISTING SITE PLAN

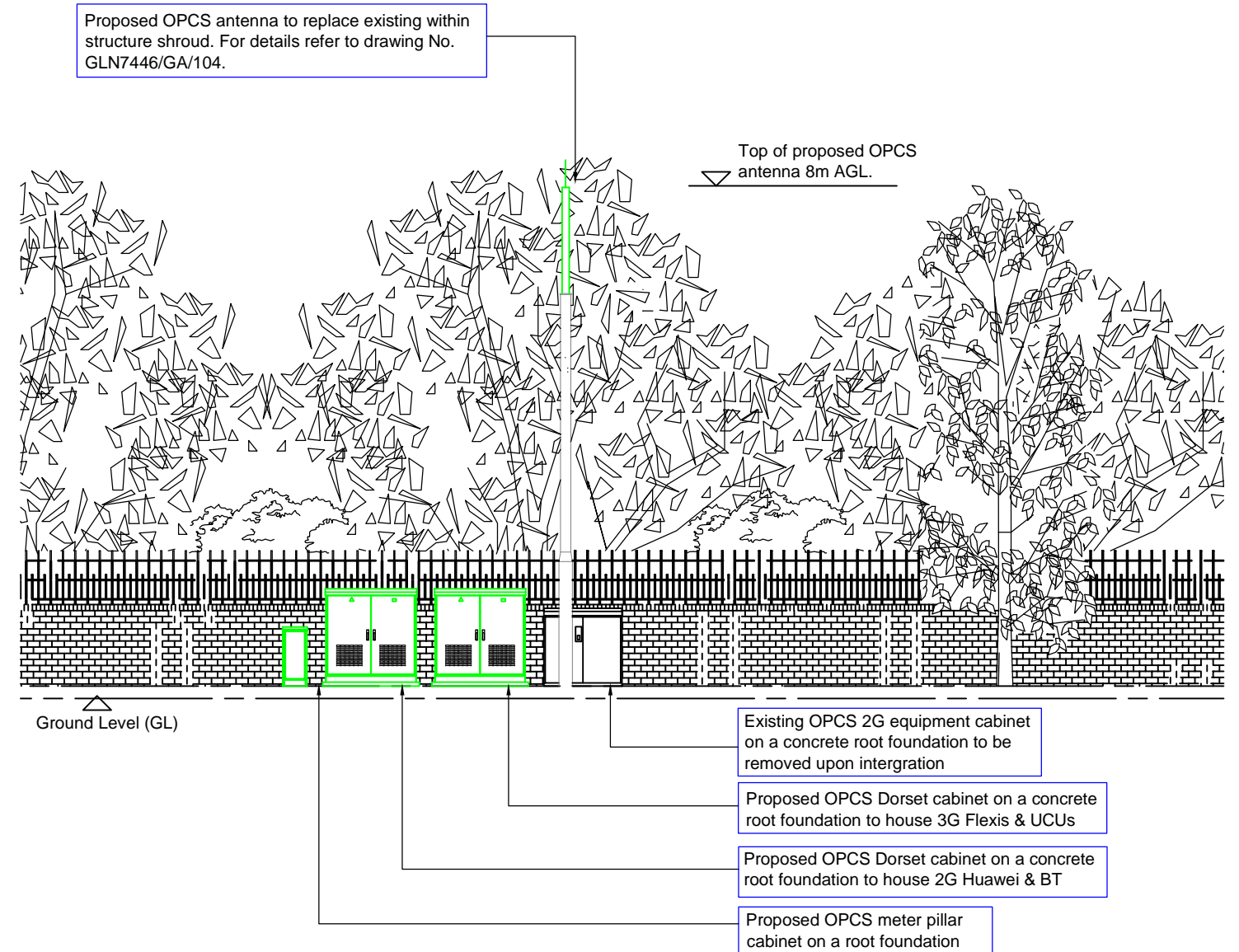
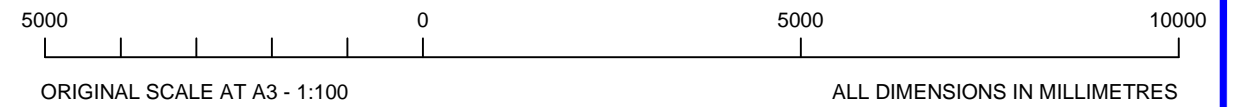
SCALE 1:100

ACQUISITION CONSULTANT <div></div>	ICNIRP DETAILS		DOES THIS SITE DESIGN CONFIRM TO THE FOLLOWING OPCS DOCUMENTS:- PLAN 168 Ver 5 & SPEC 252 Ver 5		YES	NO					TITLE		<div></div> <div>everything everywhere</div> <div>Everything Everywhere Ltd Hatfield Business Park Hatfield AL10 9BW</div>			
	ACCESS CLASSIFICATION	PUBLIC	IF NO DETAIL THE EXCEPTIONS BELOW:- 1. 2. 3. 4. 5.													
	DESIGN CLASSIFICATION	PUBLIC														
DESIGN CONSULTANT <div></div>	OPCS UPGRADE REFERENCES															
			CROWN COPYRIGHT RESERVED. MAPS REPRODUCED WITH THE PERMISSION OF THE CONTROLLER OF HM's STATIONERY OFFICE.		ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED. THIS DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS.				THIRD PARTY REF. N/A		SITE CODE GLN7446		OPT LETTER N/A	DRG TYPE GA	DRG No 102	REV A







EXISTING SITE ELEVATION 'A'

SCALE 1:100



PROPOSED SITE ELEVATION 'A'

SCALE 1:100

ACQUISITION CONSULTANT		ICNIRP DETAILS		DOES THIS SITE DESIGN CONFIRM TO THE FOLLOWING OPCS DOCUMENTS:- PLAN 168 Ver 5 & SPEC 252 Ver 5		YES		NO						TITLE		  everything everywhere Everything Everywhere Ltd Hatfield Business Park Hatfield AL10 9BW			
 GallifordTry		ACCESS CLASSIFICATION		PUBLIC										SITE ELEVATIONS WEST HEATH ROAD HAMPSTEAD LONDON NW3 7XD					
		DESIGN CLASSIFICATION		PUBLIC															
DESIGN CONSULTANT		OPCS UPGRADE REFERENCES		IF NO DETAIL THE EXCEPTIONS BELOW:-  1.  2.  3.  4.  5.															
 Infra Projects Sustainable   Innovative				CROWN COPYRIGHT RESERVED. MAPS REPRODUCED WITH THE PERMISSION OF THE CONTROLLER OF HM's STATIONERY OFFICE.										THIRD PARTY REF.		SITE CODE			
														N/A		GLN7446			
																OPT LETTER			
																N/A			
																DRG TYPE			
																GA			
																DRG No			
																103			
																REV			
																A			

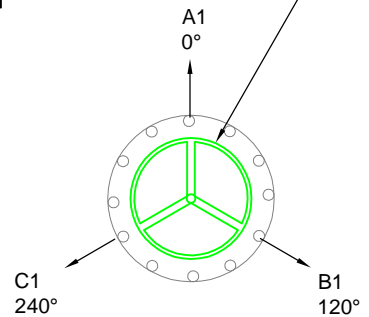
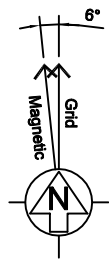


0

EXISTING OPCS ANTENNA TO BE SWAPPED OUT										
ITEM	ANTENNA REF	FUNCTION	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	TX/RX	IK0103A_360_3	0°- 360° EGN	8.0m	-	-	LDF4-50	< 12.0m	2
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
PROPOSED OPCS ANTENNA KEY										
ITEM	ANTENNA REF	FUNCTION	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	TX/RX	NNNOX310RV1	0° EGN	8m	-	1	LDF4-50	< 12.0m	2
2	B1	TX/RX	NNNOX310RV1	120° EGN	8m	-	1	LDF4-50	< 12.0m	2
3	C1	TX/RX	NNNOX310RV1	240° EGN	8m	-	1	LDF4-50	< 12.0m	2
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
EXISTING DISH SCHEDULE										
ITEM	DISH REF	BEARING	HEIGHT TO C/L OF DISH FROM G/L		SIZE	OTHER INFORMATION				
-	-	-	-		-	-				
-	-	-	-		-	-				
-	-	-	-		-	-				
-	-	-	-		-	-				
PROPOSED DISH SCHEDULE										
ITEM	DISH REF	BEARING	HEIGHT TO C/L OF DISH FROM G/L		SIZE	OTHER INFORMATION				
-	-	-	-		-	-				
-	-	-	-		-	-				
-	-	-	-		-	-				
-	-	-	-		-	-				
PROPOSED EQUIPMENT SCHEDULE										
ITEM	TYPE			No. OF	SIZE HxWxD	OTHER INFORMATION				
1	NSN FLEXI MODULES WITHIN DORSET CABINET			7	1500x1450x650	COLOUR - STANDARD				
2	HUAWEI BTS MODULE WITHIN DORSET CABINET			1	1500x1450x650	COLOUR - STANDARD				
3	ELECTRICAL METER PILLAR			1	O/A Height 950 x 390 x 220mm	COLOUR - STANDARD				
-	-			-	-	-				
-	-			-	-	-				
NOTE: INFORMATION HELD ON IMS TAKES PRECEDENCE OVER ALL KEYS AND SCHEDULES SHOWN										

[illegible]





## PROPOSED PLAN VIEW OF OPCS ANTENNA AT 8m AGL

SCALE 1:10



SITE PHOTOGRAPH



PHOTOGRAPH A



PHOTOGRAPH B



PHOTOGRAPH C



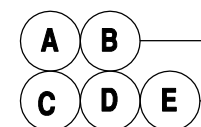
PHOTOGRAPH D



PHOTOGRAPH E

Proposed OPCS antenna to replace existing within structure shroud. For details refer to drawing No. GLN7446/GA/104.

Existing OPCS redundant 2G equipment cabinet to be removed



Proposed OPCS Dorset cabinet on a concrete root foundation to house 3G Flexis & UCUs

Proposed OPCS 1No. 150mmØ underground feeder interlink duct

Proposed OPCS underground sub-main ducts

Proposed OPCS underground BT interlink duct

Proposed OPCS underground incoming BT duct

Proposed OPCS underground incoming AC REC supply duct

Proposed OPCS Dorset cabinet on a concrete root foundation to house 2G Huawei & BT

Proposed OPCS meter pillar cabinet on a root foundation

### EXISTING OPCS ANTENNA TO BE SWAPPED OUT

ITEM	ANTENNA REF	FUNCTION	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	TX/RX	IK0103A_360_3	0°- 360° EGN	8.0m	-	-	LDF4-50	< 12.0m	2
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

### PROPOSED OPCS ANTENNA KEY

ITEM	ANTENNA REF	FUNCTION	TYPE/SECTOR	BEARING	HEIGHT TO TOP OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)	FEEDER TYPE	FEEDER LENGTH	No OF FEEDERS
1	A1	TX/RX	NNNOX310RV1	0° EGN	8m	-	1	LDF4-50	< 12.0m	2
2	B1	TX/RX	NNNOX310RV1	120° EGN	8m	-	1	LDF4-50	< 12.0m	2
3	C1	TX/RX	NNNOX310RV1	240° EGN	8m	-	1	LDF4-50	< 12.0m	2
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

### EXISTING DISH SCHEDULE

ITEM	DISH REF	BEARING	HEIGHT TO C/L OF DISH FROM G/L	SIZE	OTHER INFORMATION
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

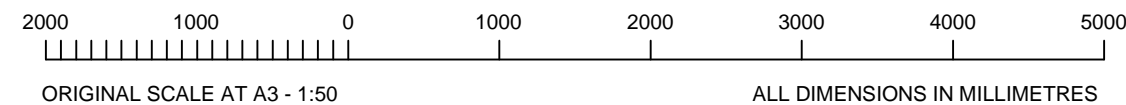
### PROPOSED DISH SCHEDULE

ITEM	DISH REF	BEARING	HEIGHT TO C/L OF DISH FROM G/L	SIZE	OTHER INFORMATION
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

### PROPOSED EQUIPMENT SCHEDULE

ITEM	TYPE	No. OF	SIZE HxWxD	OTHER INFORMATION
1	NSN FLEXI MODULES WITHIN DORSET CABINET	7	1500x1450x650	COLOUR - STANDARD
2	HUAWEI BTS MODULE WITHIN DORSET CABINET	1	1500x1450x650	COLOUR - STANDARD
3	ELECTRICAL METER PILLAR	1	O/A Height 950 x 390 x 220mm	COLOUR - STANDARD
-	-	-	-	-
-	-	-	-	-

NOTE: INFORMATION HELD ON IMS TAKES PRECEDENCE OVER ALL KEYS AND SCHEDULES SHOWN



ACQUISITION CONSULTANT

**GallifordTry**

DESIGN CONSULTANT

**Infra Projects**  
Sustainable | Innovative

ICNIRP DETAILS

ACCESS CLASSIFICATION	PUBLIC
DESIGN CLASSIFICATION	PUBLIC

OPCS UPGRADE REFERENCES

DOES THIS SITE DESIGN CONFIRM TO THE FOLLOWING OPCS DOCUMENTS:-  
PLAN 168 Ver 5 & SPEC 252 Ver 5

YES NO

IF NO DETAIL THE EXCEPTIONS BELOW:-

- 
- 
- 
- 
- 

CROWN COPYRIGHT RESERVED.  
MAPS REPRODUCED WITH THE PERMISSION OF  
THE CONTROLLER OF HM'S STATIONERY OFFICE.

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.  
THIS DRAWING TO BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS.

TITLE

**EQUIPMENT LAYOUT  
WEST HEATH ROAD  
HAMPSTEAD  
LONDON NW3 7XD**

THIRD PARTY REF.

N/A

SITE CODE

GLN7446

OPT LETTER

N/A

DRG TYPE

GA

DRG No

200

REV

A

**everything everywhere**  
Everything Everywhere Ltd  
Hatfield Business Park  
Hatfield  
AL10 9BW