SITE LOCATION

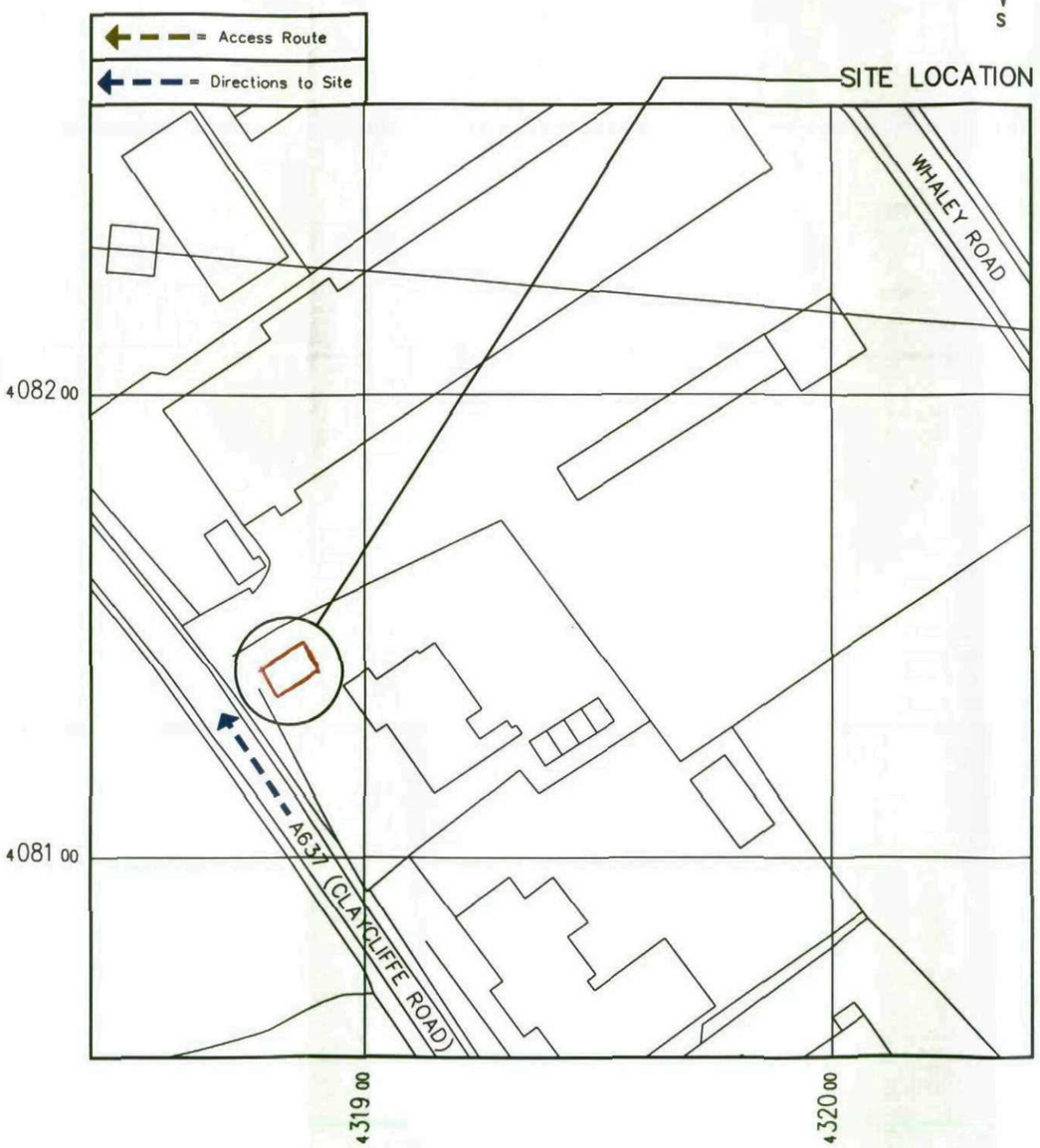


0 1km 2km
Scale

SITE LOCATION
(Scale 1:50000)
Ordnance Survey map extract
based upon Landranger map series
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SITE PHOTOGRAPH



DETAILED SITE LOCATION
(Scale 1:1250)
Based upon Ordnance Survey map extract
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Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431887 N: 408138

Directions
Heading north on the M1, exit at junction 37 and at roundabout take the third exit onto the A628 (Dodworth Road). Take the second left onto Pogmoor Road and then after 0.4 mile turn left onto Intake Lane. At the end of the road turn left onto Rodbrook Road and then bear left onto the A635 (Wilthorpe Road). At roundabout take the second exit onto the A637 (Claycliffe Road) and the site is located in front of the third unit on the right hand side (within the Motorpoint Car Dealers yard).

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	CY	ND	01.02.12

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	B

Cell ID No

Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details
MOTORPOINT CAR DEALERS
CLAYCLIFFE ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: SITE LOCATION MAPS

Purpose of issue: PLANNING

Drawing Number: 100

Scale:	Drawn:	Date:	Issue:
As Shown	CY	01.02.12	A
Checked: ND / Date: 01.02.12	Approved: AB	Date: 01.02.12	

The drawings comply with O2 & Vodafone Standard ICNIRP guidelines.
Designed in accordance with Cornerstone document: CORN/09/013

N
W E
S

EXISTING 5.0M HIGH SIGN.

EXISTING 2.1M HIGH PALISADE FENCE.

PROPOSED O2 ERICSSON RBS 6102 OUTDOOR ENCLOSURE ON COMBINED CONCRETE BASE (EXACT POSITION OF FEEDER/COMMS DUCTS TBC).

PROPOSED O2 3G FEEDER CABLE DUCT C/W DRAW ROPE.

0.00M GL

PROPOSED VODAFONE 3G FEEDER CABLE DUCT C/W DRAW ROPE.

PROPOSED O2/VODAFONE 15.0M HIGH 1003-09 LATTICE TOWER ON CONCRETE BASE.

PROPOSED VODAFONE 2G FEEDER CABLE DUCT C/W DRAW ROPE.

PROPOSED VODAFONE ERICSSON RBS 2106 ENCLOSURE ON CONCRETE BASE.

EXISTING 1.2M HIGH BRICK WALL WITH 1.8M HIGH CHAINLINK FENCE ON TOP.

1.20M AGL

PROPOSED O2 SUB-MAIN INTERLINK CABLE DUCT C/W DRAW ROPE.

PROPOSED O2/VODAFONE NEW SECTION OF 2.1M HIGH PALISADE FENCING C/W PEDESTRIAN ACCESS GATE.

PROPOSED O2/VODAFONE ELECTRICAL METER CABINET ON CONCRETE BASE WITHIN FENCELINE.

PROPOSED O2/VODAFONE INCOMING REC POWER DUCT C/W DRAW ROPE & MARKER PEG. ROUTE TO BE CONFIRMED BY REC.

PROPOSED O2/VODAFONE INCOMING BT DUCT C/W DRAW ROPE & MARKER PEG.

PROPOSED VODAFONE SUB-MAIN AND BT INTERLINK DUCTS C/W DRAW ROPE.

PROPOSED O2/VODAFONE TSC (C/W MEAS) ON COMBINED CONCRETE BASE.

PROPOSED VODAFONE JSC (C/W ALU 9326) ON COMBINED CONCRETE BASE.

PROPOSED VODAFONE SUB-MAIN INTERLINK CABLE DUCT C/W DRAW ROPE.

EXISTING 1.2M HIGH BRICK WALL WITH 1.8M HIGH CHAINLINK FENCE ON TOP.

EXISTING 4.2M WIDE ACCESS GATE

EXISTING 900MM HIGH BRICK WALL WITH 1.8M HIGH CHAINLINK FENCE ON TOP

MOTORPOINT CAR DEALERS YARD

EXISTING 10.0M HIGH TELEGRAPH POLE AND OVERHEAD LINES.

EXISTING INSPECTION CHAMBERS

A637 (CLAYCLIFFE ROAD)

PAVEMENT

PROPOSED SITE PLAN
(1:100)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431887 N: 408138

DESIGN NOTE:
EXISTING RUBBISH/TRASH IN PROPOSED EQUIPMENT AREA TO BE CLEARED PRIOR TO COMMENCEMENT OF WORKS.

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	CY	ND	01.02.12

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	B

Cell ID No

Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details

MOTORPOINT CAR DEALERS
CLAYCLIFFE ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

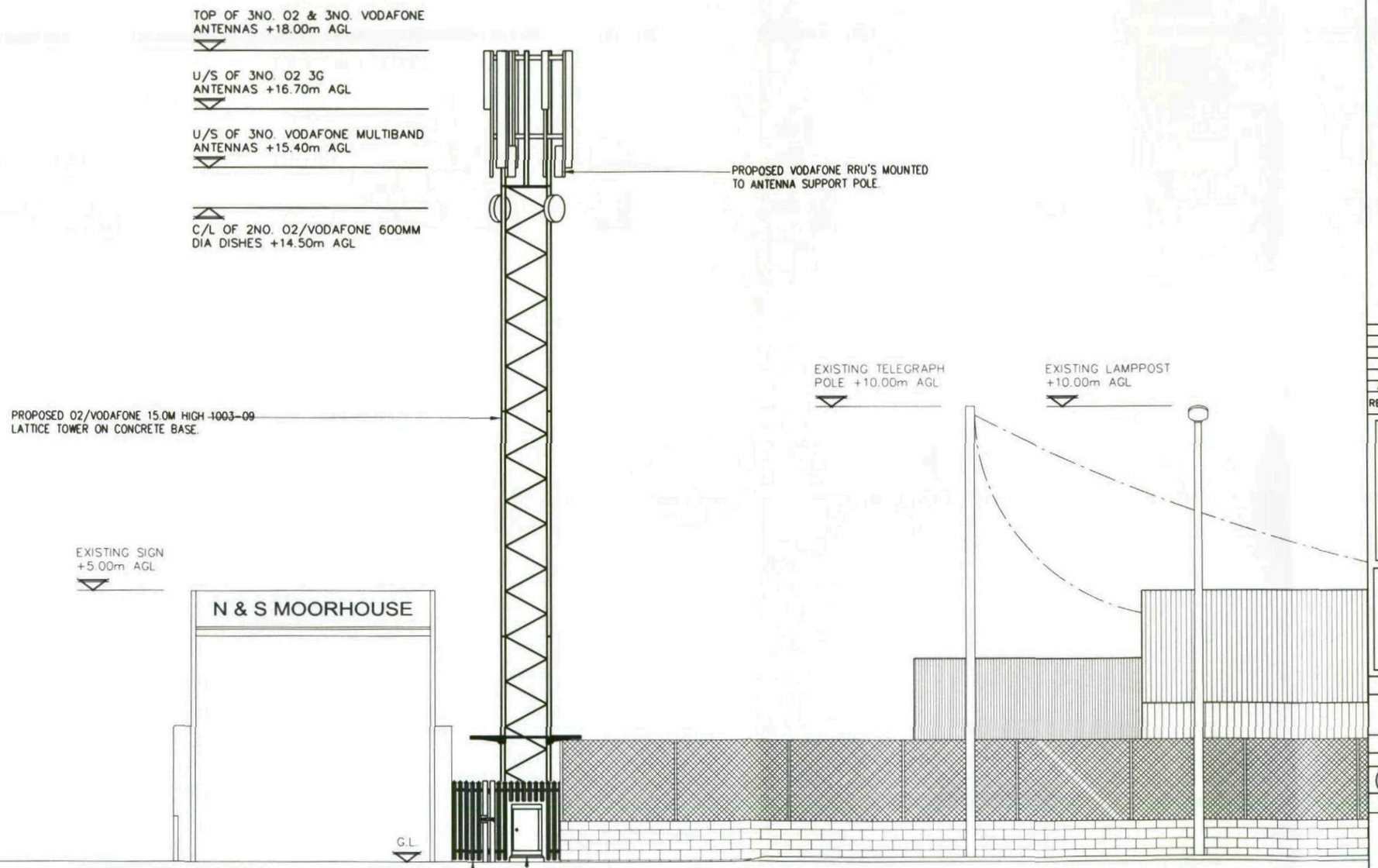
Drawing Title: PROPOSED SITE PLAN

Purpose of issue: PLANNING

Drawing Number: 200

Scale:	Drawn:	Date:	Issue:
As Shown	CY	01.02.12	A
Checked: ND / Date: 01.02.12	Approved: AB	Date: 01.02.12	

The drawings comply with O2 & Vodafone Standard ICNIRP guidelines.
Designed in accordance with Cornerstone document: CORN/09/013



PROPOSED SOUTH WEST ELEVATION
(1:100)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431887 N: 408138

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	CY	ND	01.02.12

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	B

Cell ID No

Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details

MOTORPOINT CAR DEALERS
CLAYCLIFFE ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: PROPOSED SITE ELEVATION

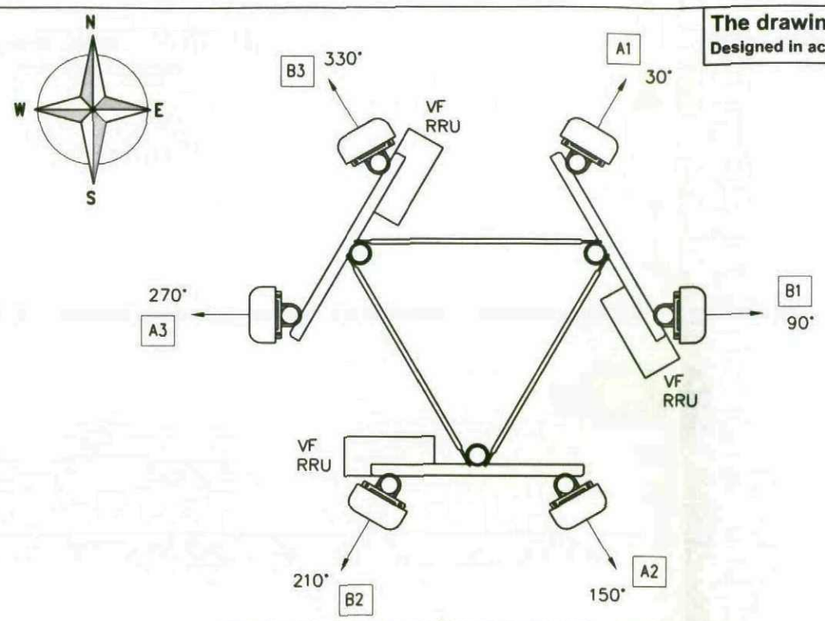
Purpose of Issue: PLANNING

Drawing Number: 300

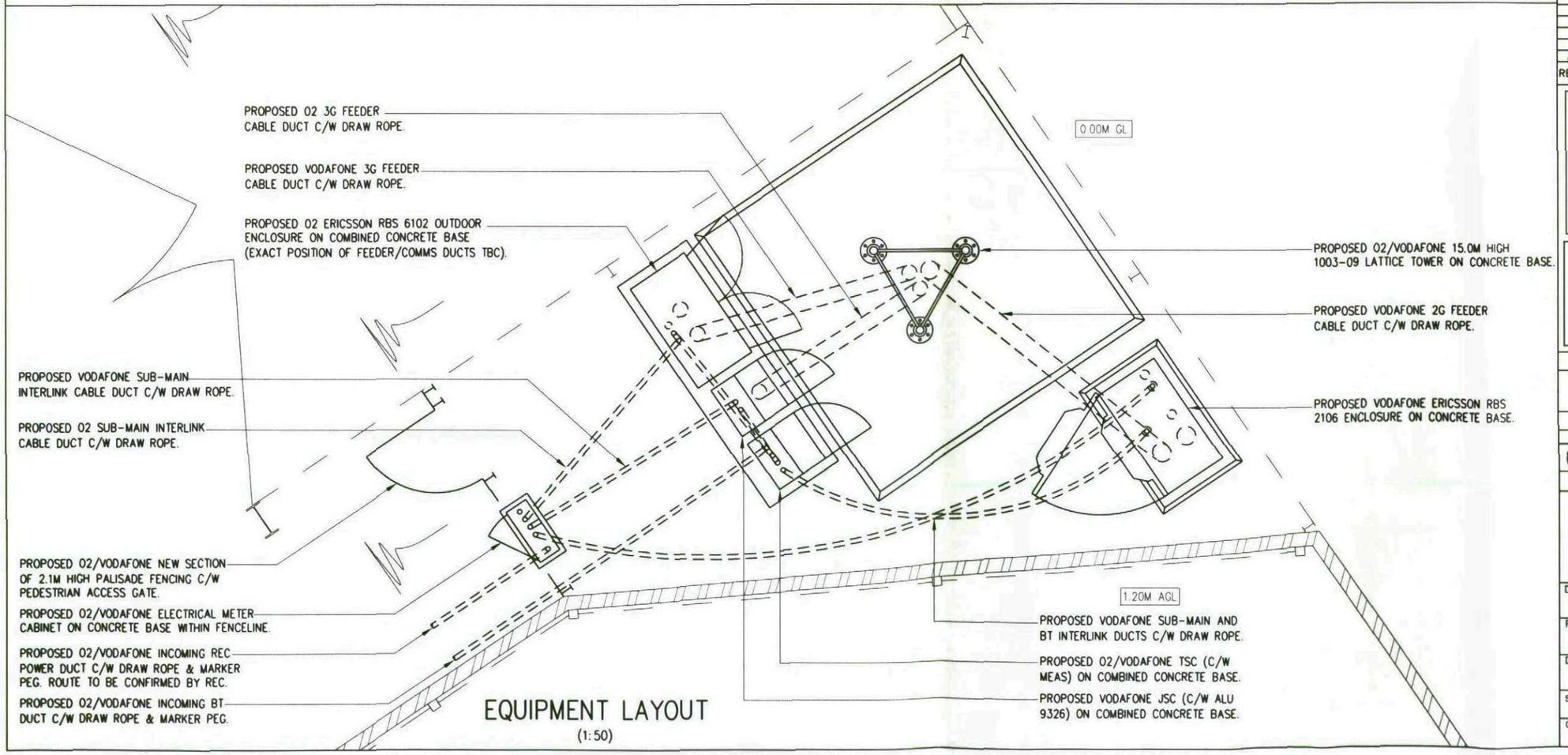
Scale:	Drawn:	Date:	Issue:
As Shown	CY	01.02.12	A

Checked:	Date:	Approved:	Date:
ND	01.02.12	AB	01.02.12

The drawings comply with O2 & Vodafone Standard ICNIRP guidelines.
Designed in accordance with Cornerstone document: CORN/09/013



PROPOSED O2/VODAFONE ANTENNA PLAN
(1:25)



EQUIPMENT LAYOUT
(1:50)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431887 N: 408138

DESIGN NOTE:
PROPOSED O2/VODAFONE MEAS EQUIPMENT TO BE LOCATED WITHIN NEW TSC ENCLOSURE.

EXISTING RUBBISH/TRASH IN PROPOSED EQUIPMENT AREA TO BE CLEARED PRIOR TO COMMENCEMENT OF WORKS.

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	CY	ND	01.02.12

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	B

Cell ID No

Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details

MOTORPOINT CAR DEALERS
CLAYCLIFFE ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: ANTENNA & EQUIPMENT LAYOUT

Purpose of Issue: PLANNING

Drawing Number: 400

Scale:	Drawn:	Date:	Issue:
As Shown	CY	01.02.12	A
Checked: ND / Date: 01.02.12	Approved: AB	Date: 01.02.12	

PROPOSED ANTENNA KEY

EXISTING/ PROPOSED	OPERATOR	ANT. REF.	FUNCTION	QUANTUM CODE	VPN	BEARING	HEIGHT TO TOP	HEIGHT TO U/S	HEIGHT TO ℄	POSITION	STATUS
PROPOSED	02	A1	1U21	C65XV10UR13K	802-053	30°	18.00m	16.70m	17.35m	-	NEW
PROPOSED	VODAFONE	B1a	1G09	65XV7V6MR26K	802-057	90°	18.00m	15.40m	16.70m	-	NEW
	VODAFONE	B1b	1U21								
PROPOSED	02	A2	2U21	C65XV10UR13K	802-053	150°	18.00m	16.70m	17.35m	-	NEW
PROPOSED	VODAFONE	B2a	2G09	65XV7V6MR26K	802-057	210°	18.00m	15.40m	16.70m	-	NEW
	VODAFONE	B2b	2U21								
PROPOSED	02	A3	3U21	C65XV10UR13K	802-053	270°	18.00m	16.70m	17.35m	-	NEW
PROPOSED	VODAFONE	B3a	3G09	65XV7V6MR26K	802-057	330°	18.00m	15.40m	16.70m	-	NEW
	VODAFONE	B3b	3U21								

FEEDER KEY

TYPE	SIZE	LENGTH	No. OF FEEDERS EXISTING	No. OF FEEDERS PROPOSED	DIPLEX OR TRIPLEX	MHA(s)/ ASC(s)	COMMENTS
COAX	FXL 780	22m	-	2	-	ERICSSON	-
COAX	FXL 780	22m	-	2	-	-	-
COAX	FXL 780	2m	-	2	-	ALU	-
COAX	FXL 780	22m	-	2	-	ERICSSON	-
COAX	FXL 780	22m	-	2	-	-	-
COAX	FXL 780	2m	-	2	-	ALU	-
COAX	FXL 780	22m	-	2	-	ERICSSON	-
COAX	FXL 780	22m	-	2	-	-	-
COAX	FXL 780	2m	-	2	-	ALU	-

DISH KEY

EXISTING/PROPOSED	OPERATOR	DISH. REF.	FUNCTION	BEARING	HEIGHT TO C/L	STATUS
PROPOSED	02/VODAFONE	D1	600mmø	TBC	14.50m	-
PROPOSED	02/VODAFONE	D2	600mmø	TBC	14.50m	-

EQUIPMENT/DISBURSED SOLUTIONS KEY

EXISTING/ PROPOSED	OPERATOR	ANTENNA REF:	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	DEPLOYMENT METHOD	FIBRE LENGTH	COMMENTS
PROPOSED	VODAFONE	N/A	ALCATEL-LUCENT	ALU 9326	19"	STANDARD	NEW	STACKED	N/A	WITHIN JSC
PROPOSED	VODAFONE	B1b	ALCATEL-LUCENT	RRU	383x169x686	STANDARD	NEW	POLE MOUNTED	20m	MOUNTED TO ANTENNA SUPPORT POLE
PROPOSED	VODAFONE	B2b	ALCATEL-LUCENT	RRU	383x169x686	STANDARD	NEW	POLE MOUNTED	20m	MOUNTED TO ANTENNA SUPPORT POLE
PROPOSED	VODAFONE	B3b	ALCATEL-LUCENT	RRU	383x169x686	STANDARD	NEW	POLE MOUNTED	20m	MOUNTED TO ANTENNA SUPPORT POLE

SUPPORT STRUCTURE SCHEDULE

EXISTING/PROPOSED	MANUFACTURER	TYPE	HEIGHT	COLOUR	STATUS	COMMENTS
PROPOSED	Swann	1003-09 Lattice	15.0m	Galvanised	New	-

EQUIPMENT SCHEDULE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	02	ERICSSON	RBS 6102	1300x700x1700	Grey (RAL 7035)	NEW	-
PROPOSED	VODAFONE	ERICSSON	RBS 2106	1300x940x1614	Grey (RAL 7035)	NEW	-
PROPOSED	VODAFONE	ALIFABS	JSC	600x600x1410	Grey (RAL 7035)	NEW	-
PROPOSED	VODAFONE	ALCATEL-LUCENT	ALU 9326	482x300x88	-	NEW	WITHIN JSC
PROPOSED	02/VODAFONE	ALIFABS	TSC	600x600x1410	Grey (RAL 7035)	NEW	C/W MEAS

POWER SUPPLY SOURCE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	VODAFONE/02	ALIFABS	METER CABINET	655x255x1015	Grey (RAL 7035)	New	-

TRANSMISSION ENCLOSURE

EXISTING/PROPOSED	ENCLOSURE	U SPACE AVAILABLE
PROPOSED	TSC	17

Information on Significant Residual Risks

Construction	Maintenance	Decommissioning
On the basis of information available to the designer at the time of design production, there are no unusual, unobvious or difficult to manage significant risks associated with this design	On the basis of information available to the designer at the time of design production, there are no unusual, unobvious or difficult to manage significant risks associated with this design	On the basis of information available to the designer at the time of design production, there are no unusual, unobvious or difficult to manage significant risks associated with this design

ANTENNA REFERENCE KEY

A=	Antenna Group
1=	Cell No. (1, 2, 3)
b=	Unique Band Reference

FUNCTION KEY

1=	Sector (1, 2, 3 etc)
G=	GSM
09=	900 Band
18=	1800 Band
21=	2100 Band
U=	UMTS

DUAL BAND EXAMPLE

	Operator	Antenna Ref:	Function
PROPOSED	02	A1a	1G09
PROPOSED	02	A1b	1U21

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R.	E: 431887	N: 408138
CONCESSION REQUIRED		NO
CONFIRMATION REQUIRED		YES

GEOTECH SURVEY NEEDED TO CONFIRM SOIL PARAMETERS REQUIRED TO DESIGN TOWER FOUNDATION.

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval	CY	ND	01.02.12

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	B

Cell ID No

Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details

MOTORPOINT CAR DEALERS
CLAYCLIFFE ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: ANTENNA & EQUIPMENT SCHEDULES

Purpose of Issue: PLANNING

Drawing Number: 500

Scale:	Drawn:	Date:	Issue:
As Shown	CY	01.02.12	A
Checked: ND / Date: 01.02.12	Approved: AB	Date: 01.02.12	

CS23384_O2064282_VF82929_B_Planning_Issue 1

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Stratford Upon Avon
arks
37 6RP
l: 01789 290099
ax: 01789 290088

Cell Name: Barnsley

Option: B

Cornerstone (CS):	*23384*
Host (O2):	*064282*
Sharer (VF):	*82929*

Site Address: *Motorpoint Car Dealers, Claycliffe Road, Barnsley, South Yorkshire, S75 1HS*

Cornerstone Project

Drawing Name	Drawing No	Date 06.02.12 Issue 1	Date Issue 2	Date Issue 3	Date Issue 4	Date Issue 5	Date Issue 6
Site Location Maps	100	A					
Proposed Site Plan	200	A					
Proposed Site Elevation	300	A					
Antenna & Equipment Layout	400	A					
Antenna & Equipment Schedules	500	A					

Company	Name	Issued
Mono	Approvals	✓
Mono	Electrical	✓
WFS	Emmeline Brown	✓
Mono	Tom Jackson	✓
O2	BMCD	✓
McCreadies	QS	✓
Mono	Dale Carter	✓
Mono	Simon Fancy	✓

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