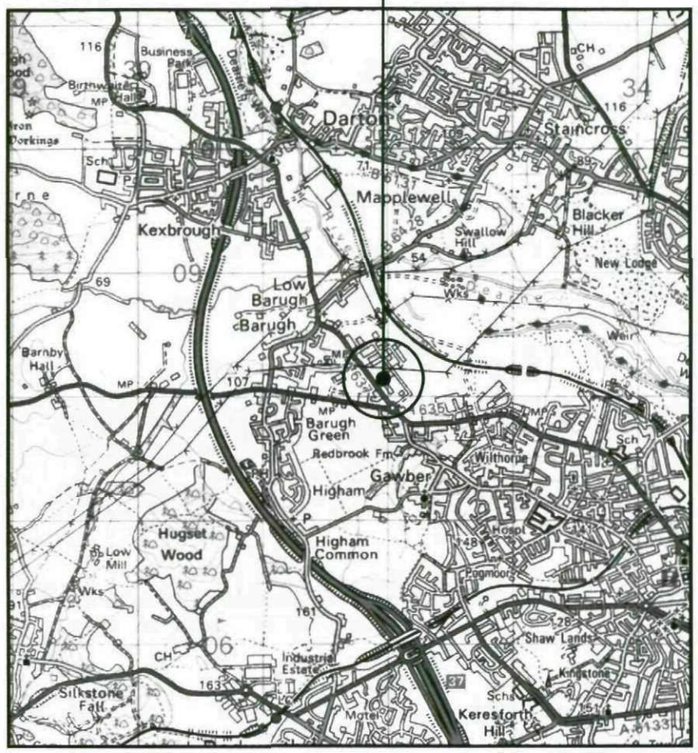
SITE LOCATION



0 1km 2km

Scale

SITE LOCATION

(Scale 1:50000)

Ordnance Survey map extract
based upon Landranger map series
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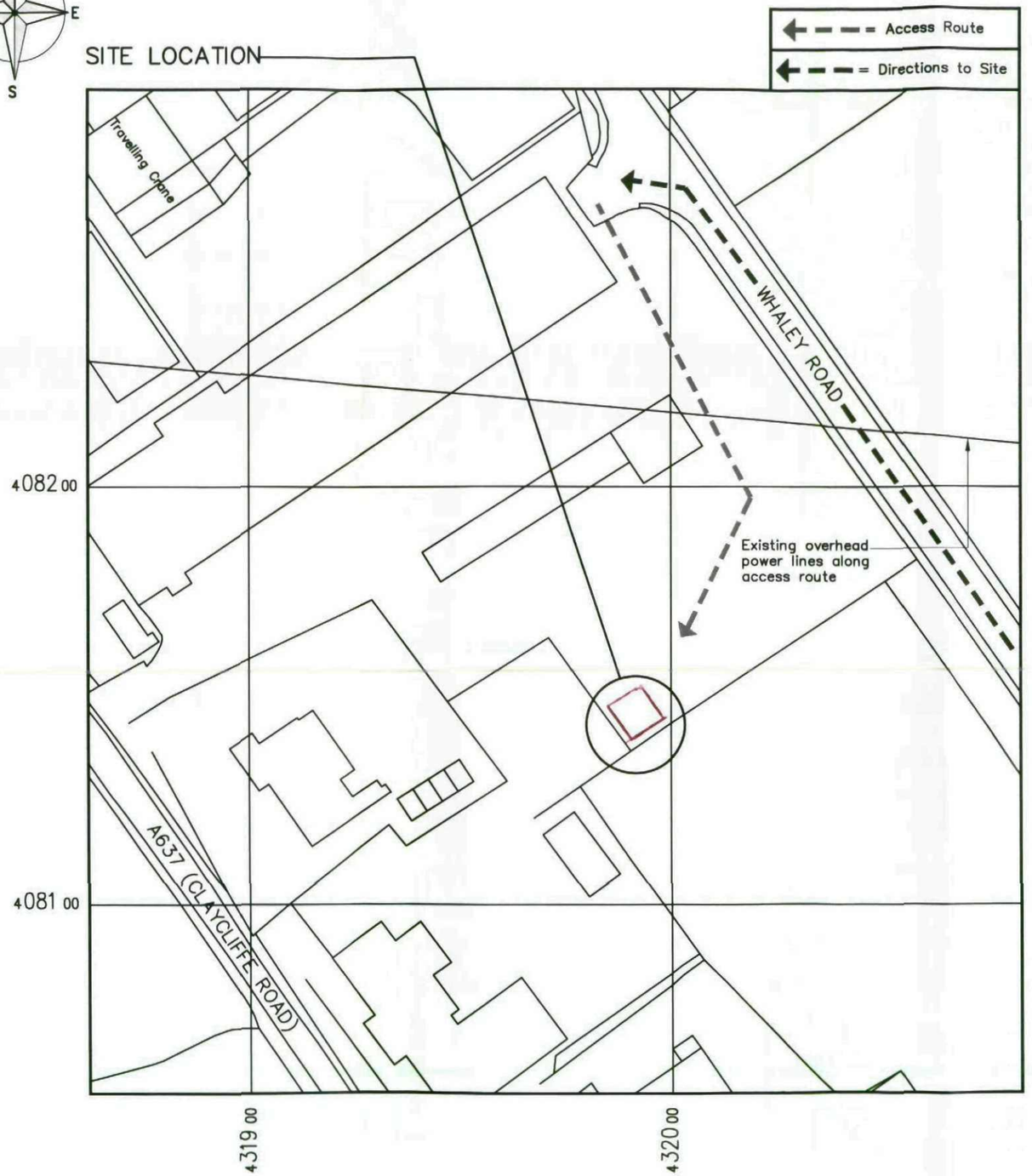
SITE PHOTOGRAPH

N

W E

S

SITE LOCATION



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: 431991 N: 408144

Directions

Heading north on the M1, exit at junction 37 and at roundabout take the third exit onto the A628 (Dodworth Road). After 0.4 mile, turn left onto Pogmoor Road and then after another 0.4 mile turn left onto Intake Lane. At the end of the road turn left onto Redbrook Road and then after 0.5 mile turn left onto the A635 (Wilthorpe Road). At the next roundabout, take the third exit onto Whaley Road and follow the road around to the left. Access is through first set of gates on the left hand side. Turn left, proceed past Industrial Unit and then the site is located in the corner of the yard.

REV	MODIFICATION	BY	CH	DATE
B	Vodafone equipment & antennas added	BG	ND	29.07.11
A	Issued for Approval	CY	ND	21.07.11

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	A

Cell ID No

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

Site Address / Contact Details

JOE POLE STORAGE
WHALEY ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: SITE LOCATION MAPS

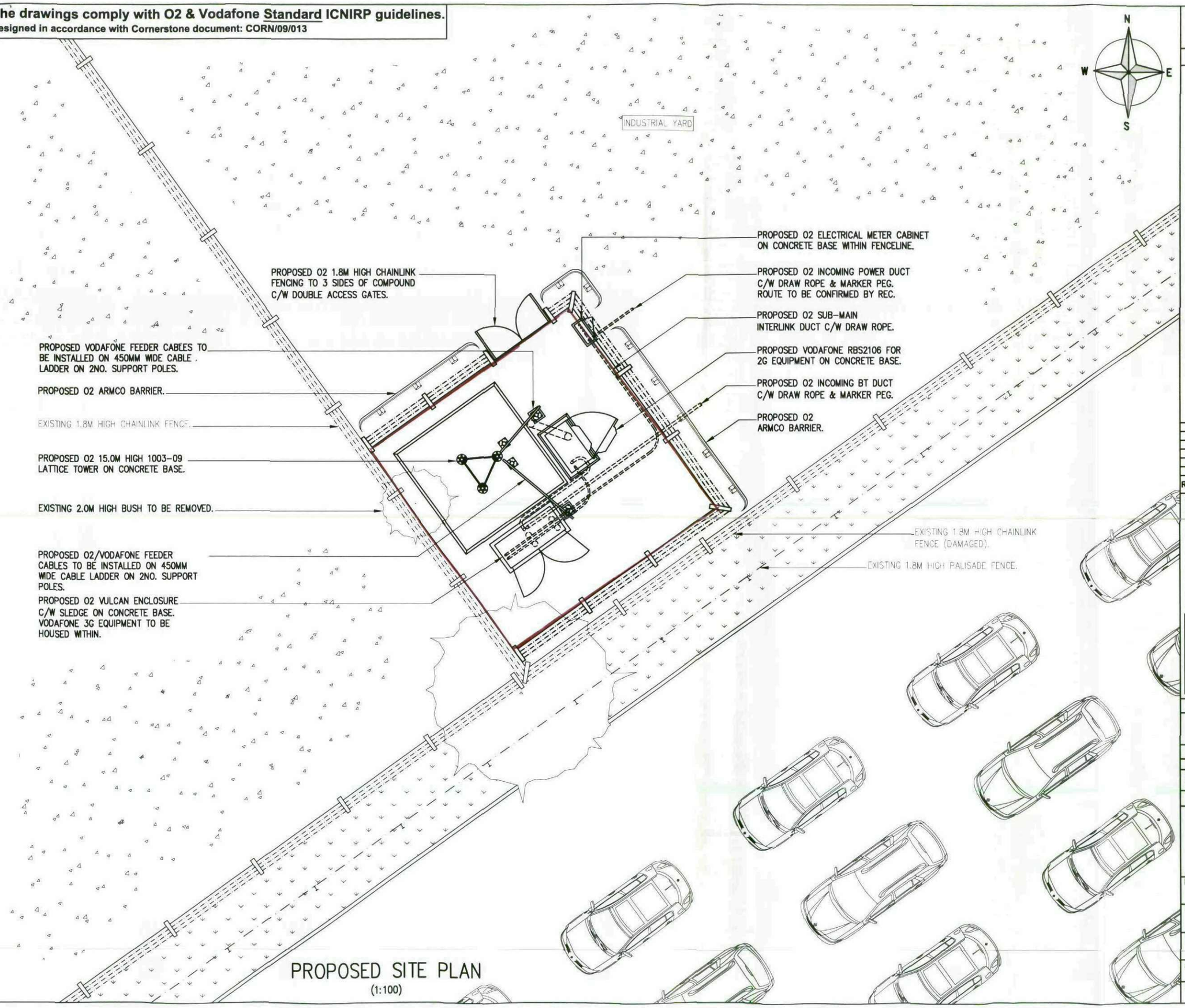
Purpose of issue: PLANNING

Drawing Number: 100

Scale:	Drawn:	Date:	Issue:
As Shown	CY	21.07.11	B

Checked:	Date:	Approved:	Date:
ND	21.07.11	AB	21.07.11

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



PROPOSED SITE PLAN
(1:100)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431991 N: 408144

REV	MODIFICATION	BY	CH	DATE
B	Vodafone equipment & antennas added	BC	ND	29.07.11
A	Issued for Approval	CY	ND	21.07.11

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	A

Cell ID No

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

Site Address / Contact Details

JOE POLE STORAGE
WHALEY ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

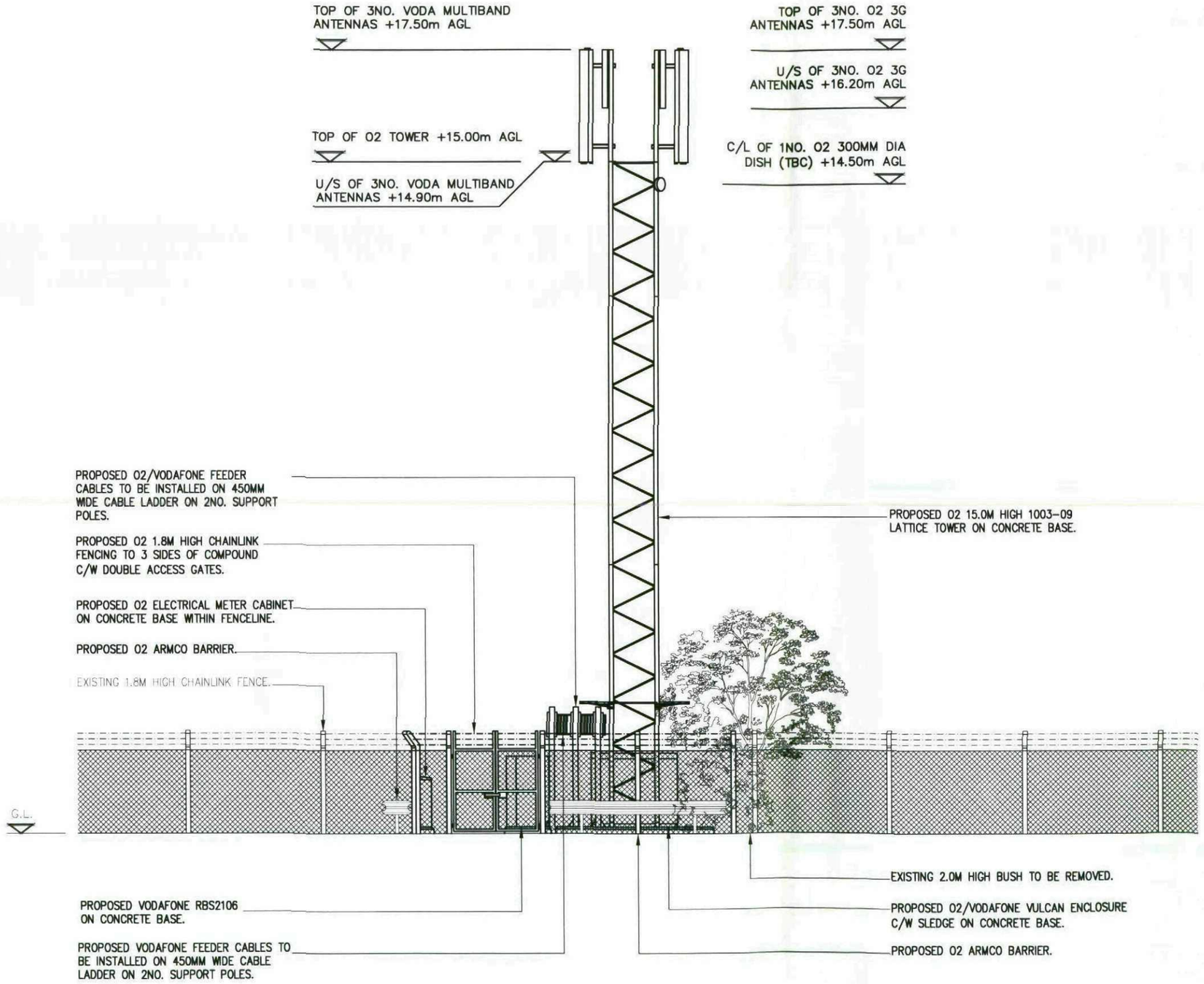
Drawing Title: PROPOSED SITE PLAN

Purpose of issue: PLANNING

Drawing Number: 200

Scale:	Drawn:	Date:	Issue:
As Shown	CY	21.07.11	B
Checked: ND / Date: 21.07.11	Approved: AB	Date: 21.07.11	

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



PROPOSED NORTH WEST ELEVATION
(1:100)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431991 N: 408144

REV	MODIFICATION	BY	CH	DATE
B	Vodafone equipment & antennas added	BG	ND	29.07.11
A	Issued for Approval	CY	ND	21.07.11

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	A

Cell ID No

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

Site Address / Contact Details

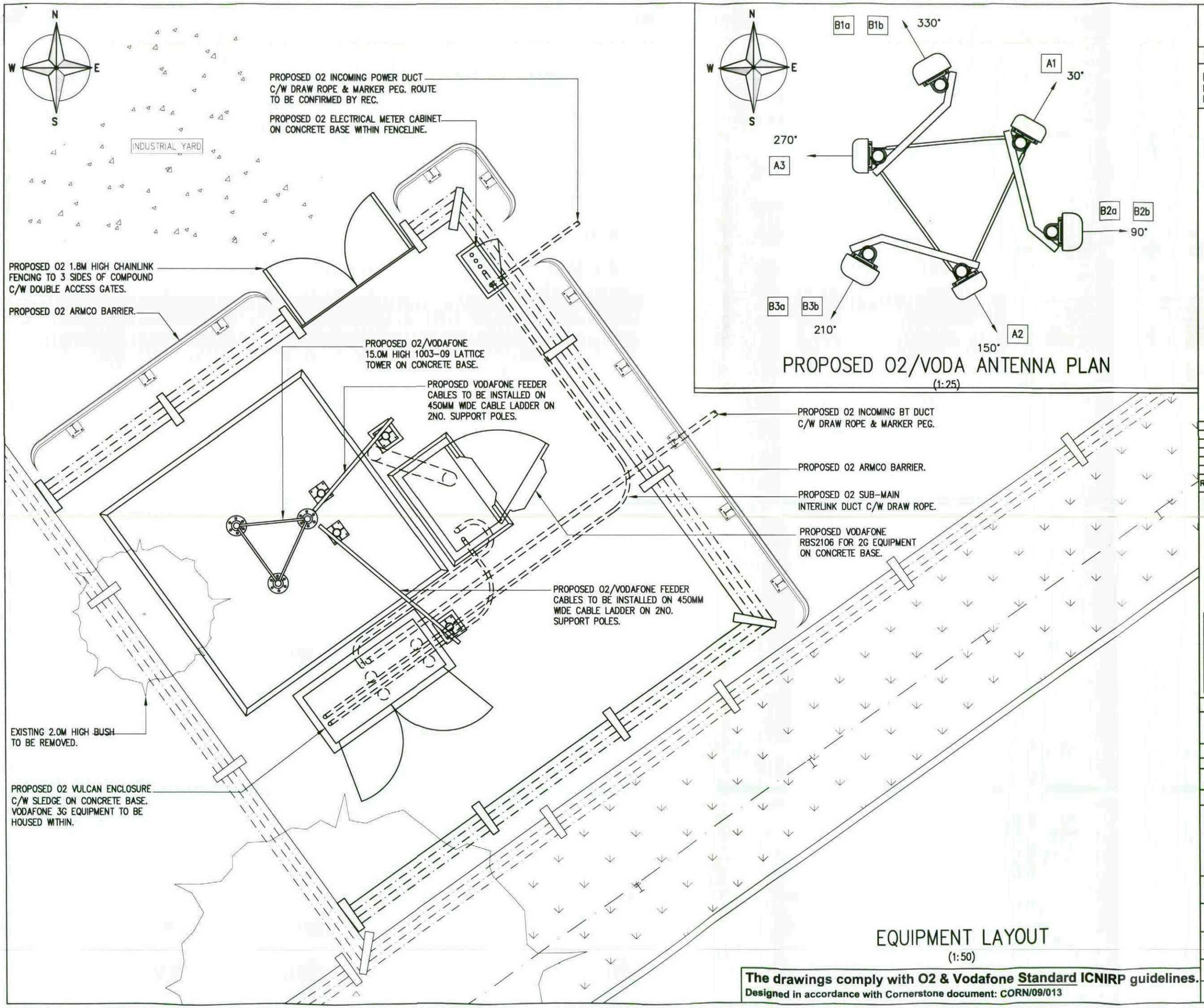
JOE POLE STORAGE
WHALEY ROAD
BARNSLEY
SOUTH YORKSHIRE
S75 1HS

Drawing Title: PROPOSED SITE ELEVATION

Purpose of issue: PLANNING

Drawing Number: 300

Scale:	Drawn:	Date:	Issue:
As Shown	CY	21.07.11	B
Checked: ND / Date: 21.07.11	Approved: AB	Date: 21.07.11	



EQUIPMENT LAYOUT
(1:50)

PROPOSED O2/VODA ANTENNA PLAN
(1:25)

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 431991 N: 408144

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

REV	MODIFICATION	BY	CH	DATE
B	Vodafone equipment & antennas added	BG	ND	29.07.11
A	Issued for Approval	CY	ND	21.07.11

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	A

Cell ID No		
Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details
JOE POLE STORAGE
WHALEY 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	21.07.11	B
Checked: ND / Date: 21.07.11	Approved: AB	Date: 21.07.11	

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

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°	17.50m	16.20m	16.85m	TOP	NEW
PROPOSED	02	A2	2U21	C65XV10UR13K	802-053	150°	17.50m	16.20m	16.85m	TOP	NEW
PROPOSED	02	A3	3U21	C65XV10UR13K	802-053	270°	17.50m	16.20m	16.85m	TOP	NEW
PROPOSED	VODAFONE	B1a	1G09	65XV7V6MR26K	802-057	90°	17.50m	14.90m	16.20m	TOP	NEW
	VODAFONE	B1b	1U21								
PROPOSED	VODAFONE	B2a	1G09	65XV7V6MR26K	802-057	210°	17.50m	14.90m	16.20m	TOP	NEW
	VODAFONE	B2b	1U21								
PROPOSED	VODAFONE	B3a	1G09	65XV7V6MR26K	802-057	330°	17.50m	14.90m	16.20m	TOP	NEW
	VODAFONE	B3b	1U21								

FEEDER KEY

TYPE	SIZE	LENGTH	No. OF FEEDERS EXISTING	No. OF FEEDERS PROPOSED	DIPLEX OR TRIPLEX	MHA(s)/ ASC(s)	COMMENTS
COAX	7/8"	25m	-	2	-	NOKIA	-
COAX	7/8"	25m	-	2	-	NOKIA	-
COAX	7/8"	25m	-	2	-	NOKIA	-
COAX	7/8"	25m	-	2	-	-	-
COAX	7/8"	25m	-	2	-	ALU	-
COAX	7/8"	25m	-	2	-	-	-
COAX	7/8"	25m	-	2	-	ALU	-
COAX	7/8"	25m	-	2	-	-	-
COAX	7/8"	25m	-	2	-	ALU	-

DISH KEY

EXISTING/PROPOSED	OPERATOR	DISH. REF.	FUNCTION	BEARING	HEIGHT TO C/L	STATUS
PROPOSED	VODAFONE	D1	300mmø	TBC	14.50m	-

SUPPORT STRUCTURE SCHEDULE

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

EQUIPMENT SCHEDULE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	02	ALIFABS	VULCAN	1898x798x1648	Fir Green (RAL 6009)	New	C/W Sledge
PROPOSED	02	NOKIA	FLEXI BTS	490X560X133	-	New	Within Vulcan
PROPOSED	VODAFONE	ERICSSON	RBS2106	1300x926x1623	Fir Green (RAL 6009)	New	-
PROPOSED	VODAFONE	ALU	9326 (2UBTS)	-	-	New	Within Vulcan

POWER SUPPLY SOURCE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	02	ALIFABS	METER CABINET	655x255x1015	Fir Green (RAL 6009)	New	-

TRANSMISSION ENCLOSURE

EXISTING/PROPOSED	ENCLOSURE	U SPACE AVAILABLE	CURRENT BT/ TRANSMISSION LOCATION	PROPOSED MEAS LOCATION
PROPOSED	Vulcan	6	N/A	Vulcan

CARRIER INFORMATION	
CABINET TYPE	CONFIGURATION
RBS2106	444

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: 431991 N: 408144
CONCESSION REQUIRED	NO
CONFIRMATION REQUIRED	YES

GEOTECH SURVEY REQUIRED TO CONFIRM TOWER FOUNDATION DESIGN.

REV	MODIFICATION	BY	CH	DATE
D	MHAs & 6601 Changed to ALU	JP	ND	12.08.11
C	VF MHAs Changed to ALU/3G equ. Shown	BG	ND	29.07.11
B	Vodafone equipment & antennas added	BG	ND	29.07.11
A	Issued for Approval	CY	ND	21.07.11

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O2 Cornerstone Project

Cell Name	Opt
BARNSLEY	A

Cell ID No		
Cornerstone	Host	Sharer
(CS) 23384	(02) 064282	(VF) 82929

Site Address / Contact Details

JOE POLE STORAGE
WHALEY 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	21.07.11	D
Checked: ND / Date: 21.07.11	Approved: AB	Date: 21.07.11	

CS23384_O2064282_VF82929_A_Planning_Issue 4

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Guild Street
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Stratford Upon Avon
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CV37 6RP
Tel: 01789 290099
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O2 Cornerstone Project

Cell Name: Barnsley	**Option:** A
Cornerstone (CS): *23384*	
Host (O2): *064282*	
Sharer (VF): *82929*	
Site Address:	*Joe Pole Storage* *Whaley Road, Barnsley* *SouthYorkshire* *S75 1HS*

	Drawing No	Date 25.07.11 Issue 1	Date 29/07/2011 Issue 2	Date 04.08.11 Issue 3	Date 12.08.11 Issue 4	Date Issue 5	Date Issue 6
Site Location Maps	100	A	B	B	B		
Proposed Site Plan	200	A	B	B	B		
Proposed Site Elevation	300	A	B	B	B		
Antenna/Equipment Layout	400	A	B	B	B		
Antenna/Equipment Schedules	500	A	B	C	D		

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

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