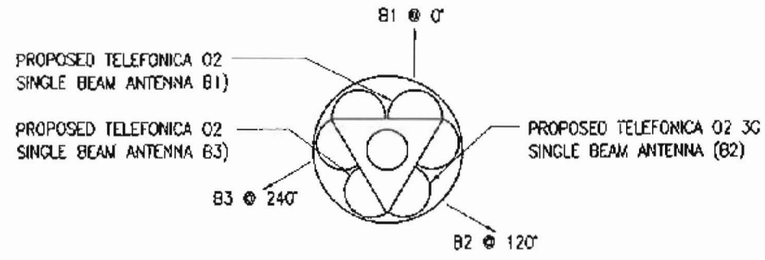
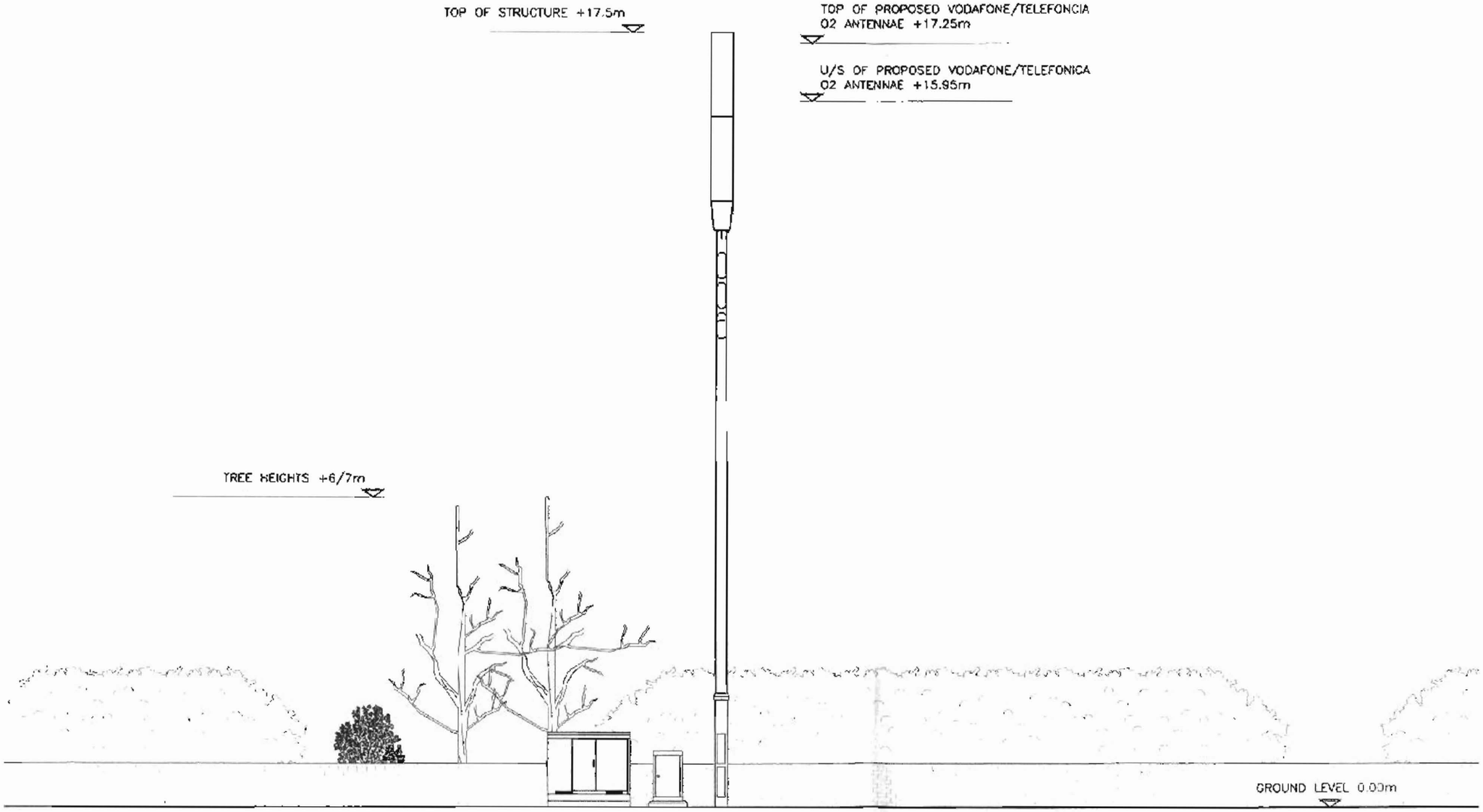


PROPOSED VODAFONE ANTENNA PLAN @ 15.95m
(1:20)



PROPOSED TELEFONICA O2 ANTENNA PLAN @ 15.95m
(1:20)



PROPOSED NORTHWEST ELEVATION
(1:100)

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

Certified by Cornerstone Radio Planner	Name	Signature	Date

Notes.
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 382948 N: 396368

PLANNING
ACKD
REPORD
FILED 06 MAY 2010
M
M
M
FOR ACTION

REV	MODIFICATION	BY	CH	DATE
3	Headframe Plans Amended	DM	DM	05.05.10
2	Vodafone ref amended	DM	DM	21.04.10
1	Issued for Approval	DM	TC	19.04.10

mono#
MONO CONSULTANTS LIMITED
Packwood House
Guild Street
Stratford-upon-Avon
CV37 6RP
t 44 (0)1789 290099
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O2 Cornerstone Project

Cell Name	Opt
CHORLTON ROAD SWS	A

Cell ID No

Cornerstone	Host	Sharer
(CS) 11664	(VF) 79286	(02) 044785

Site Address / Contact Details
CHORLTON ROAD
HULME
M15 4AL

Drawing Title: PROPOSED SITE ELEVATION

Purpose of issue: PLANNING

Drawing Number: 300

Scale: As Shown	Drawn: DM	Date: 19.04.10	Issue
Checked: TC / Date: 19.04.10	Approved: DB	Date: 19.04.10	3

ANTENNA KEY											FEEDER KEY							
EXISTING/PROPOSED	OPERATOR	ANT. REF.	FUNCTION	QUANTUM CODE / PART NUMBER	BEARING	HEIGHT TO TOP	HEIGHT TO U/S	HEIGHT TO ℄	POSITION	STATUS	TYPE	SIZE	LENGTH	No. OF FEEDERS EXISTING	No. OF FEEDERS PROPOSED	DIPLEX OR TRIPLEX	MHA(s)/ ASC(s)	COMMENTS
PROPOSED	VF	A1	1U21	C65XV10UR13K	0°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud
PROPOSED	VF	A2	2U21	C65XV10UR13K	120°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud
PROPOSED	VF	A3	3U21	C65XV10UR13K	240°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud
PROPOSED	02	B1	1U21	C65XV10UR13K	0°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud
PROPOSED	02	B2	2U21	C65XV10UR13K	120°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud
PROPOSED	02	B3	3U21	C65XV10UR13K	240°	17.25m	15.95m	16.60m	TOP	NEW	COAX	5–50	20m	–	2	–	Ericsson	Within shroud

SUPPORT STRUCTURE SCHEDULE						
EXISTING/PROPOSED	MANUFACTURER	TYPE	HEIGHT	COLOUR	STATUS	COMMENTS
PROPOSED	Phasca	MK3	17.5m	Standard	New	c/w type 1 headload

EQUIPMENT SCHEDULE							
EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	VF / 02	ALIFABS	'HARRIER'	1840x440x1700	Standard	New	With Sledge (02 – Flexi BTS 4 No. Modules & Vodafone – RBS 3418 Modules)

POWER SUPPLY SOURCE							
EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
PROPOSED	VF / 02	ALIFABS	AC PILLAR	655x280x894	Standard	New	–

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
9=	900 Band
18=	1800 Band
21=	2100 Band
u=	UMTS

DUAL BAND EXAMPLE			
	Operator	Antenna Ref:	Function
PROPOSED	02	A1a	1G9
PROPOSED	02	A1b	1U21

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

Notes:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 382948 N: 396368

Concessions N/A

Confirmations

PLANNING
ACK'D
REPLIED
REC'D 06 MAY 2010
FOR ACTION

REV	MODIFICATION	BY	CH	DATE
3	Antenna arrangment amended	DM	DM	05.05.10
2	Vodafone ref amended	DM	DM	21.04.10
1	Issued for Approval	DM	TC	19.04.10

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Cell ID No

Cornerstone	Host	Sharer
(CS) 11664	(VF) 79286	(02) 044785

Site Address / Contact Details

CHORLTON ROAD
HULME
M15 4AL

Drawing Title: ANTENNA & EQUIPMENT SCHEDULES

Purpose of Issue: PLANNING

Drawing Number: 500

Scale: As Shown	Drawn: DM	Date: 19.04.10	Issue
Checked: TC / Date: 19.04.10	Approved: DB	Date: 19.04.10	3