

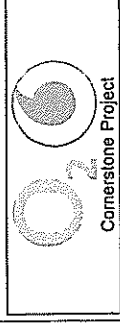
NOTES:  
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

N.G.R. E: 371100 N: 313815

**Directions:**  
Heading west on the M54, exit at junction 4  
and take the first roundabout to the north east  
onto the B5060. Go straight over three  
roundabouts and after the third travel 0.5  
mile and the site is located on the right  
hand side (on the corner of Marshbrook Way).

REV	DESCRIPTION	BY	CHK	DATE
A	ISSUED FOR APPROVAL			15.11.10

**mono**  
MONO CONSULTANTS LIMITED  
PO Box 100  
643 Street  
Stratford-upon-Avon  
CV37 8PQ 01789 350099  
T 44 (0)1789 350088  
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Cell Name: MUXTON  
Cell ID No: A

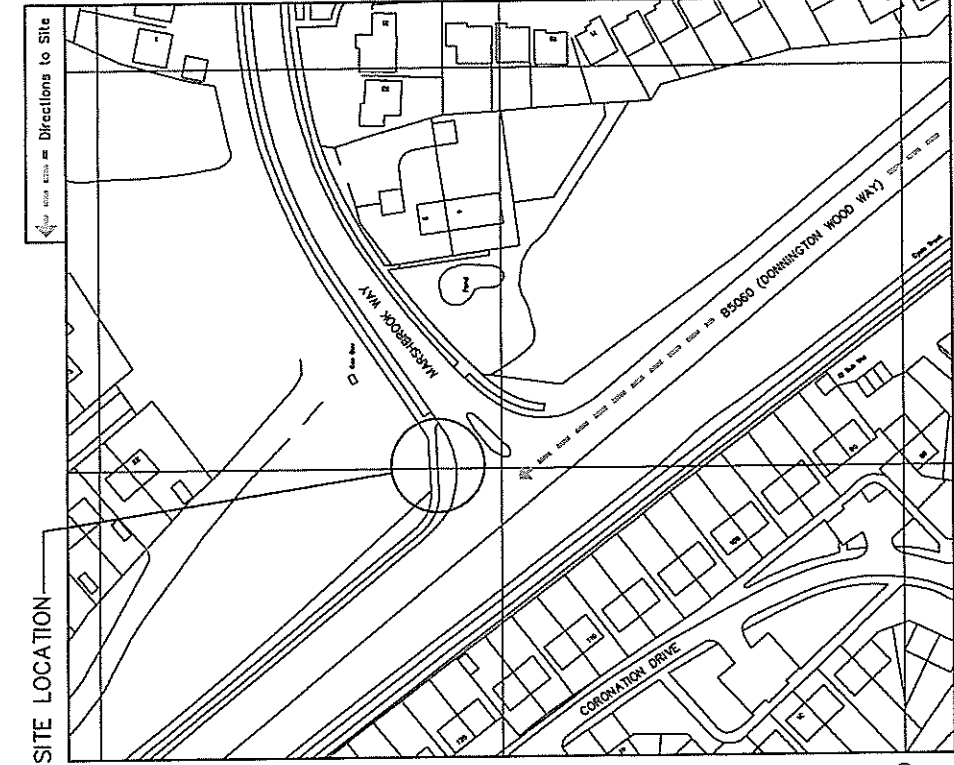
Concession: 16771 (VF) 35254 (OZ) 047684  
Shaver

Site Address / Contact Details  
CORNER OF DOWNINGTON WOOD WAY (B5060)  
AND MARSHBROOK WAY,  
MUXTON HOUSING ESTATE,  
MUXTON, TELFORD,  
TF2 8HZ

Drawing Title: SITE LOCATION MAPS

Purpose of Issue: PLANNING  
Drawing Number: 100

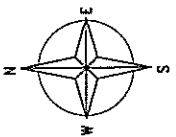
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PR	15.11.10	AB	15.11.10	AB	15.11.10	AB	15.11.10



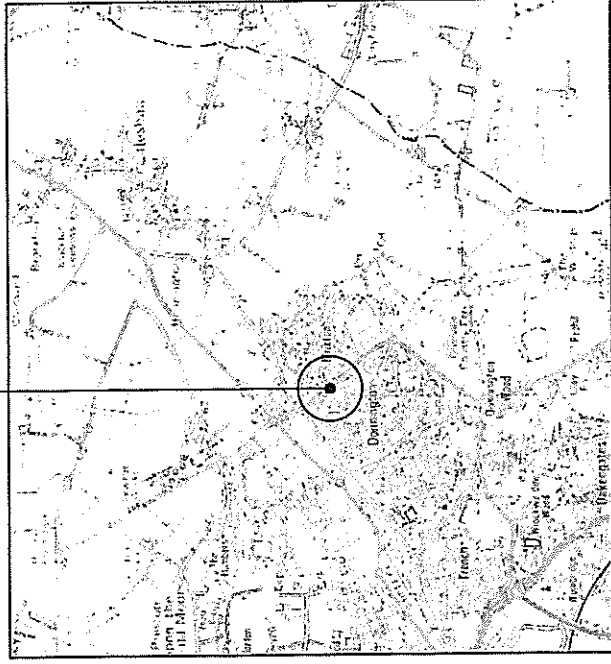
3712 00  
3711 00

**DETAILED SITE LOCATION**  
(Scale 1:1250)

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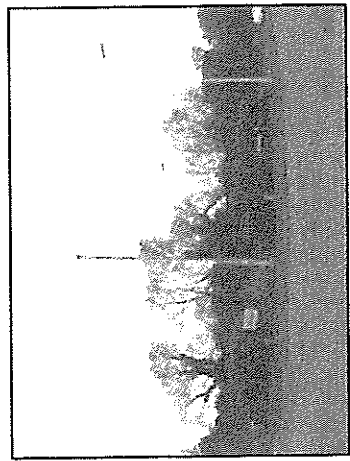
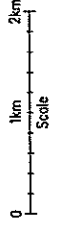


**SITE LOCATION**



**SITE LOCATION**  
(Scale 1:50000)

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SITE PHOTOGRAPH

Notes:  
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N.G.R. E: 371100 N: 313815

REV	MODIFICATION	BY	CH	DATE
A	Issued for Approval			15.11.10

**mono**

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**O<sub>2</sub>**

Comerstone Project

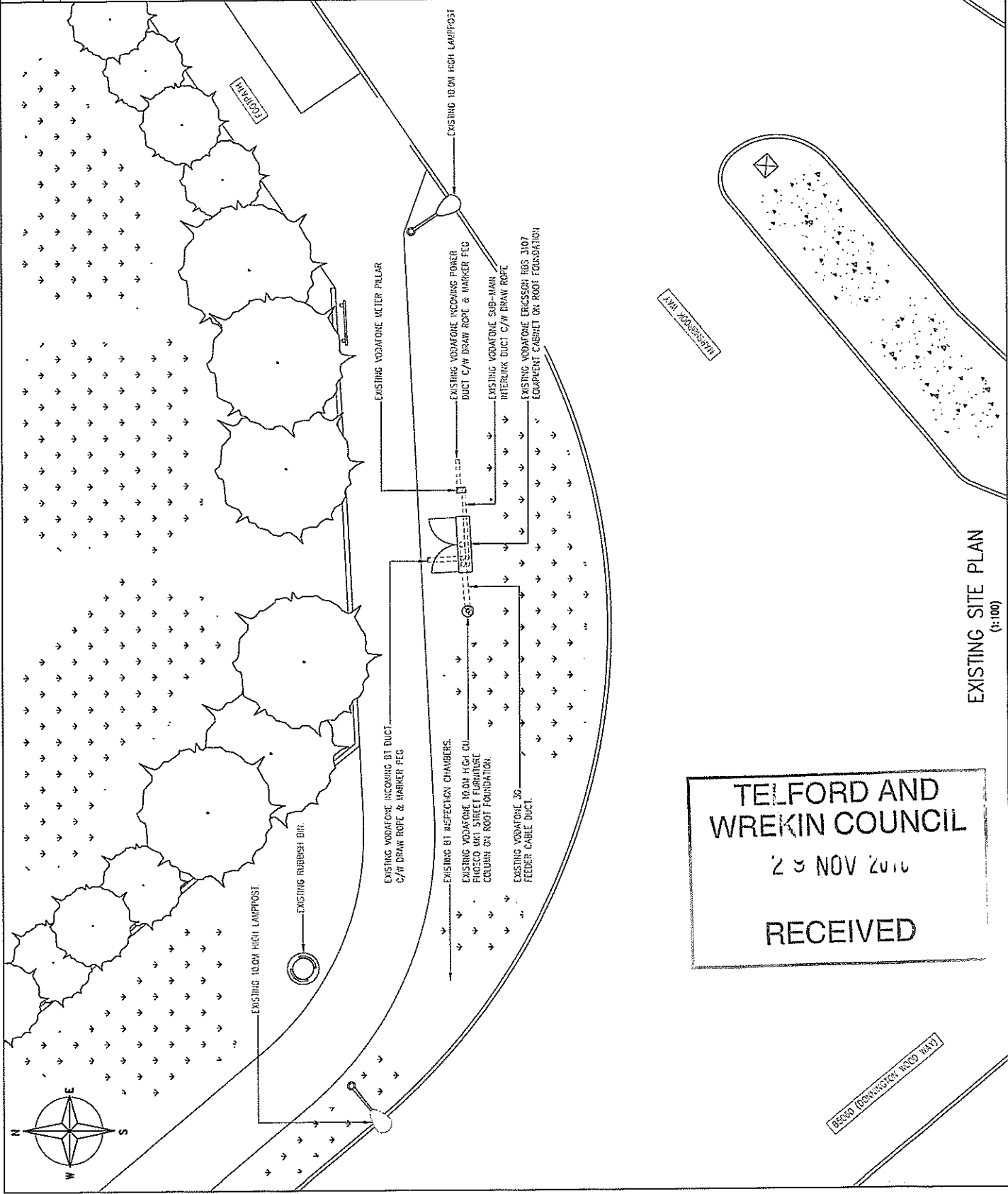
Cell Name	MUXTON
Cell ID No	

Contributor	Host	Sharer
(CS) 16771	(VF) 55254	(O2) 047684

Site Address / Contact Details  
 CORNER OF DOMNINGTON WOOD WAY (B5060)  
 AND MARSHBROOK WAY,  
 MUXTON HOUSING ESTATE,  
 MUXTON, TELFORD,  
 TF2 8HZ

Drawing Title	EXISTING SITE PLAN
Purpose of Issue	PLANNING
Drawing Number	200

Scale:	As Shown	Drawn:	CT	Date:	15.11.10
Checked:	PH	Approved:	AB	Date:	15.11.10
					A



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 WREKIN COUNCIL  
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EXISTING SITE PLAN  
 (1:100)

05030 (DOMNINGTON WOOD WAY)



NOTES:  
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N.G.R. E: 371100 N: 313815

REV	ISSUED FOR APPROVAL	BY	CHK	DATE

**mono** #

MONO CONSULTANTS UNITED  
Rockwood House  
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Cell Name: MUXTON  
Cell ID No: A

Coordinates: (CS) 16771 (VF) 55254 (O2) 047684  
Site Address / Contact Details

CORNER OF DONNINGTON WOOD WAY (85060)  
AND MARSHBROOK WAY,  
MUXTON HOUSING ESTATE,  
MUXTON, TELFORD  
TF2 8HZ

Drawing Title: EXISTING SITE ELEVATION

Purpose of Issue: PLANNING

Drawing Number: 300

Scale:	As Shown	Drawn:	CY	Date:	15.11.10
Checked:	PH	Approved:	AB	Date:	15.11.10
Issue:				Date:	15.11.10
				Date:	15.11.10

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WREKIN COUNCIL  
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TOP OF 3RD VODAFONE 3G  
ANTENNAS +11.40m AGL

U/S OF 3RD VODAFONE 3G  
ANTENNAS +10.00m AGL

EXISTING LAMPPOST  
+10.00m AGL

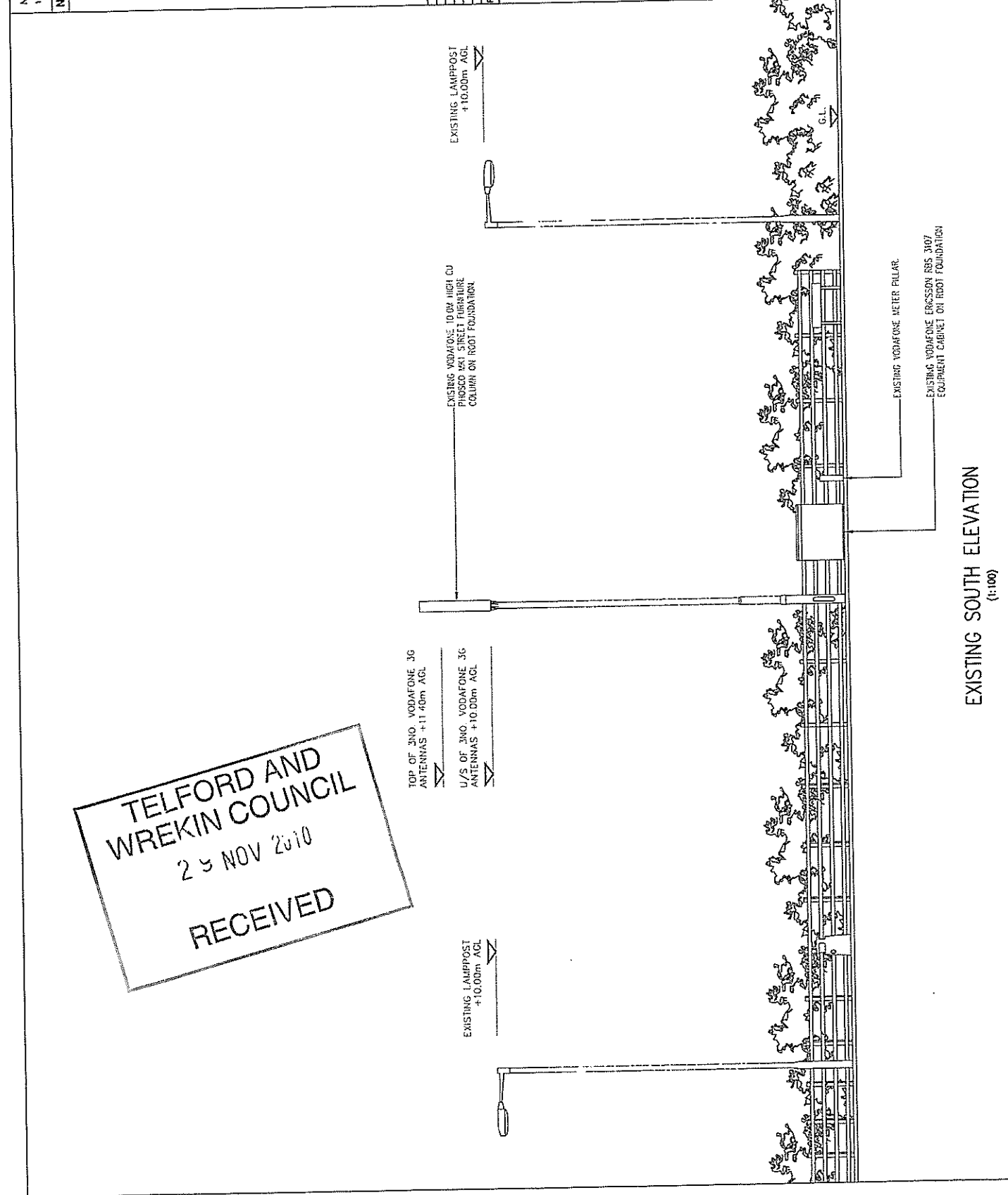
EXISTING VODAFONE 10.0M HIGH CU  
PHASED WRT STREET FURNITURE  
COLUMN ON FOOT FOUNDATION

EXISTING LAMPPOST  
+10.00m AGL

EXISTING VODAFONE METER PILLAR

EXISTING VODAFONE ERICSSON RFS 3407  
EQUIPMENT CABINET ON FOOT FOUNDATION

EXISTING SOUTH ELEVATION  
(1:100)

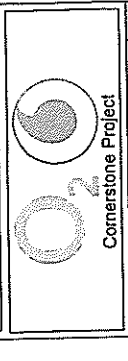


NOTES:  
 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE  
 N.G.R. E: 371100 N: 313815

REV	MODIFICATION	BY	CH	DATE
B	Site shown corrected	CT	PH	15.11.10
A	Issued for Approval	CT	PH	15.11.10

**mono**

IONS CONSULTANTS LIMITED  
 Rockwood House  
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Cell Name: MUXTON  
 Cell ID No: 55254 (02) 047684

Site Address / Contact Details  
 CORNER OF DORNINGTON WOOD WAY (B5060)  
 AND MARSHBROOK WAY,  
 MUXTON HOUSING ESTATE,  
 MUXTON, TELFORD  
 TF2 8HZ

Drawing Title: PROPOSED SITE ELEVATION

Purpose of Issue: PLANNING

Drawing Number: 301

Scale:	As Shown	Drawn:	CY	Date:	15.11.10
Checked:	PH	Date:	15.11.10	Approved:	AB
		Date:	15.11.10		

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TOP OF 3NO. VODAFONE AND 3NO. TELEFONICA 02 3G ANTENNAS +11.53m AGL

U/S OF 3NO. VODAFONE AND 3NO. TELEFONICA 02 3G ANTENNAS +10.23m AGL

EXISTING LAMPPOST +10.00m AGL

EXISTING MK1 COLUMN TO BE REMOVED AND REPLACED WITH PROPOSED CORNERSTONE SPECIAL EXTENDED 11.8m HIGH CU PHOSCO MK3 STREET FURNITURE COLUMN C/W HEADLOAD TYPE 1 ON SAME FOOTPRINT RE-USING EXISTING MK1 ROOT FOUNDATION.

EXISTING LAMPPOST +10.00m AGL

EXISTING VODAFONE METER PILLAR

EXISTING VODAFONE ERICSSON RBS 3107 EQUIPMENT CABINET TO BE REMOVED AND REPLACED WITH PROPOSED CORNERSTONE MUXCAN ENCLOSURE ON ROOT FOUNDATION C/W SLEDGE.

PROPOSED SOUTH ELEVATION  
 (1:100)

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

Notes:  
 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE  
 N.G.R. E: 371100 N: 313815

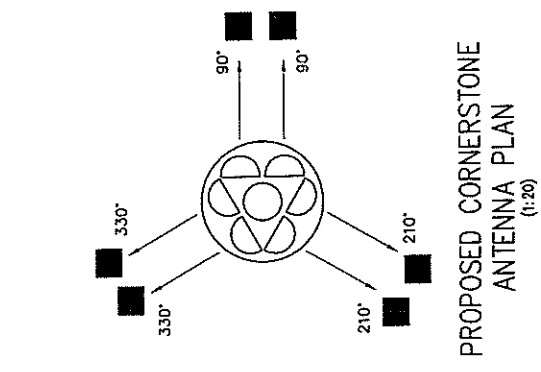
REV	MODIFICATION	BY	CH	DATE
B	PER MODEL EXTRACTED	CT	PH	13.11.10
A	ISSUED FOR APPROVAL	CT	PH	13.11.10

**mono**  
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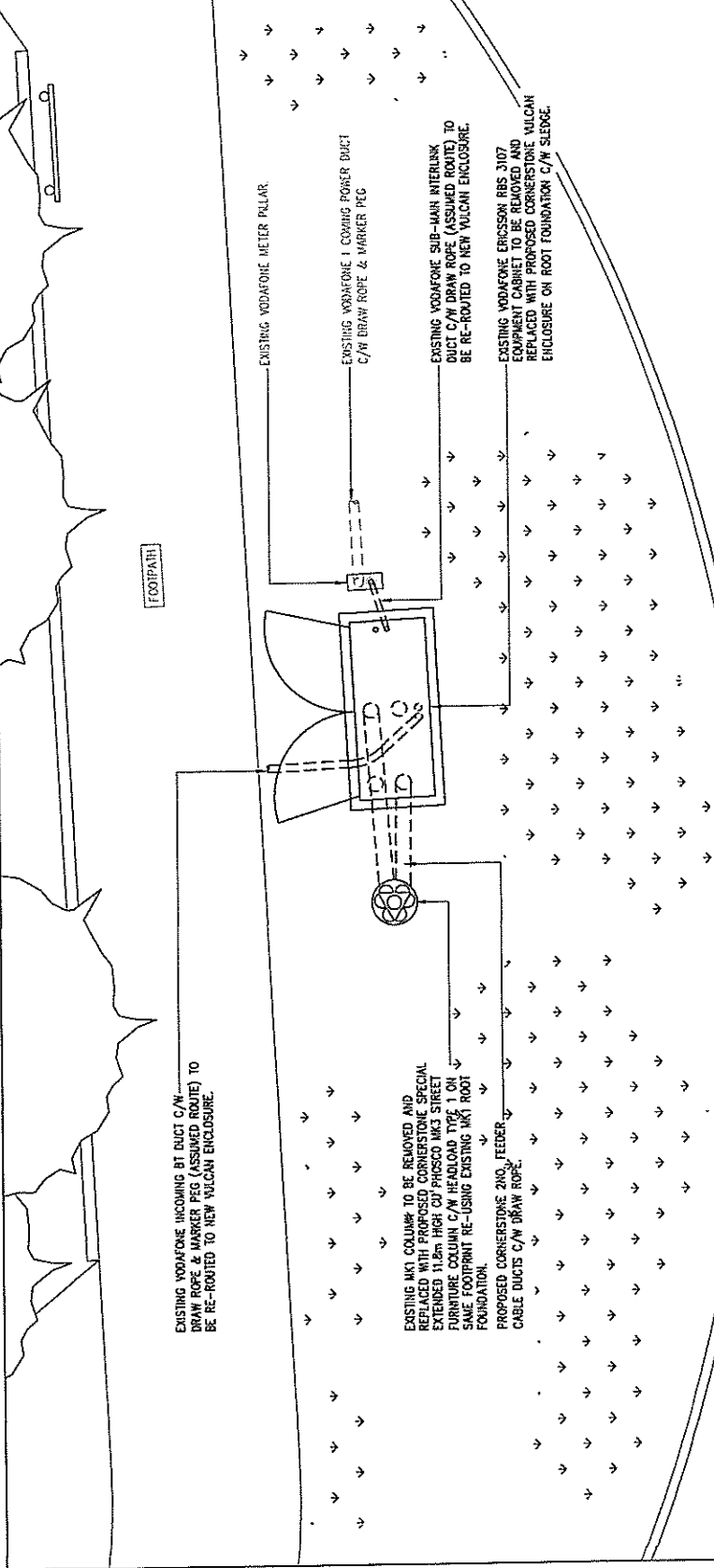
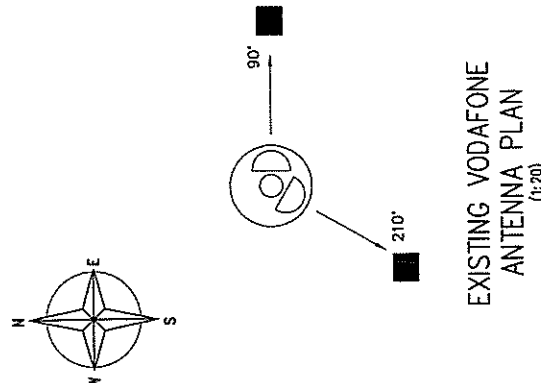
**Cell Name**  
 MUXTON  
**Cell ID No**  
 Host  
 (CS) 16771 (WF) 55254 (O2) 047684  
**Site Address / Contact Details**  
 CORNER OF DOWNINGTON WOOD WAY (B5060)  
 AND MARSHBROOK WAY,  
 MUXTON HOUSING ESTATE,  
 MUXTON, TELFORD  
 TF2 6HZ

**Drawing Title:** ANTENNA & EQUIPMENT LAYOUT  
**Purpose of Issue:** PLANNING  
**Drawing Number:** 400

Scale:	As Shown	Drawn	Date:
Checked:	PH	13.11.10	13.11.10
Drawn:	CT	13.11.10	13.11.10
Approved:	AB	13.11.10	13.11.10



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**EQUIPMENT LAYOUT (1:50)**

The drawings comply with O2 & Vodafone Non-Standard ICNIRP guidelines.  
 Designed in accordance with Cornerstone document: CORN09/013

NOISE:  
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

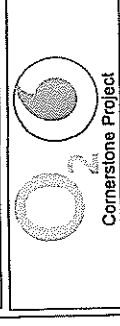
N.G.R. E: 37100 N: 313815

CONCESSION REQUIRED NO

REV	MODIFICATION	BY	CH	DATE
B	Drawn/checked	CT	PH	15.11.10
A	Issued for Approval	CT	PH	15.11.10

**mono**

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CW7 6PP 01929 20099  
1 41 (0)1929 20098  
1 41 (0)1929 20088  
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Cell Name: MUXTON

Cell ID No: 55254 (02) 047684

Site Address / Contact Details:  
CORNER OF DONNINGTON WOOD WAY (B5060)  
AND MARSHBROOK WAY,  
MUXTON HOUSING ESTATE,  
MUXTON, TELFORD  
TF2 8TZ

Drawing Title: ANTENNA & EQUIPMENT SCHEDULES

Purpose of Issue: PLANNING

Drawing Number: 500

Scale: As Shown

Drawn: AS

Checked: PH

Approved: AB

Date: 15.11.10

EXISTING ANTENNA KEY										FEEDER KEY								
EXISTING/PROPOSED	OPERATOR	ANT REF	FUNCTION	QUANTUM CODE	VPN	BEARING	HEIGHT TO TOP	HEIGHT TO U/S	POSITION	STATUS	TYPE	SIZE	LENGTH	NO. OF FEEDERS EXISTING	NO. OF FEEDERS PROPOSED	DIPLEX OR TRIPLEX	MHA#/AS27#	COMMENTS
EXISTING	WOODFONE	A1	1U21	N/A	801-148	90°	11.40m	10.00m	10.70m	Remove	COAX	HFC-12	15m	2	-	-	-	-
EXISTING	WOODFONE	A2	2U21	N/A	801-148	210°	11.40m	10.00m	10.70m	Remove	COAX	HFC-12	15m	2	-	-	-	-

PROPOSED ANTENNA KEY										FEEDER KEY								
EXISTING/PROPOSED	OPERATOR	ANT. REF.	FUNCTION	QUANTUM CODE	VPN	BEARING	HEIGHT TO TOP	HEIGHT TO U/S	POSITION	STATUS	TYPE	SIZE	LENGTH	NO. OF FEEDERS EXISTING	NO. OF FEEDERS PROPOSED	DIPLEX OR TRIPLEX	MHA#/AS27#	COMMENTS
PROPOSED	Vodafone	A1	1U21	C65KYU1R13K	802-053	90°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Ericsson
PROPOSED	O2	B1	1U21	C65KYU1R13K	802-053	90°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Nokia
PROPOSED	Vodafone	A2	2U21	C65KYU1R13K	802-053	210°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Ericsson
PROPOSED	O2	B2	2U21	C65KYU1R13K	802-053	210°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Nokia
PROPOSED	Vodafone	A3	3U21	C65KYU1R13K	802-053	330°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Ericsson
PROPOSED	OZ	E3	3U21	C65KYU1R13K	802-053	330°	11.53m	10.25m	10.88m	NEW	COAX	HFC-12	15m	-	2	-	-	Nokia

SUPPORT STRUCTURE SCHEDULE

EXISTING/PROPOSED	MANUFACTURER	TYPE	HEIGHT	COLOUR	STATUS	COMMENTS
EXISTING	CU Phosco	IM1	12.0m	Galvanised	Remove	Root Foundation to Remain
PROPOSED	CU Phosco	MK3 Special	11.8m	Galvanised	New	(c/w Headboard Type 1) On Existing Root Foundation

EQUIPMENT SCHEDULE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
EXISTING	Vodafone	Eriksen	RBS 3107	1580/380x1350	Green	Remove	
PROPOSED	Cornerstone	AUFABS/ITL	VULCAN	1896x798x1648	Fir Green (RAL 6009)	New	

POWER SUPPLY SOURCE

EXISTING/PROPOSED	OPERATOR	MANUFACTURER	TYPE	SIZE	COLOUR	STATUS	COMMENTS
EXISTING	Vodafone	Lucy	Meter Pillar	1580x280x600	Green	Remain	(Re-used to supply new Cornerstone/Vulcan)

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
O9=	900 Band
18=	1800 Band
21=	2100 Band
U=	UMTS

DUAL BAND EXAMPLE

Operator	Antenna Ref	Function
PROPOSED	O2 A1a	1G09
PROPOSED	O2 A1b	1U21

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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.