Tyco Electronics
Tyco Electronics UK Infrastructure Ltd.

CORNERSTONE PROJECT

CELL NAME	OS110 POGMOOR		
CELL ID No.	CORNERSTONE	HOST	SHARER
	14597	015281	80308
ADDRESS	STREETWORKS ON WILTHORPE ROAD WILTHORPE ROAD BARNSLEY SOUTH YORKSHIRE S75 1JL		

DAY	19	11	28	21														
MONTH	04	05	05	06														
YEAR	10	10	10	10														

DRAWING LIST	DRAWING No.																	
SITE LOCATION MAPS	100																	
SITE LOCATION PLAN	200		A	A	A													
EXISTING SITE ELEVATION	300			A	B													
PROPOSED SITE ELEVATION	301		A	B	B													
SITE LAYOUT & EQUIPMENT PLAN	400		A	B	B													
TECHNICAL INFORMATION	500			A	A													

DISTRIBUTION & NUMBER OF COPIES

PROJECT MANAGER	1	1	1	1														
TEI – PROJECT MANAGER	1	1	1	1														
TEI – ACQUISITION	1	1	1	1														
TEI – PLANNING	1	1	1	1														
TEI – POWER CO–ORDINATOR	1	1	1	1														
TEI – UTILITIES	1	1	1	1														

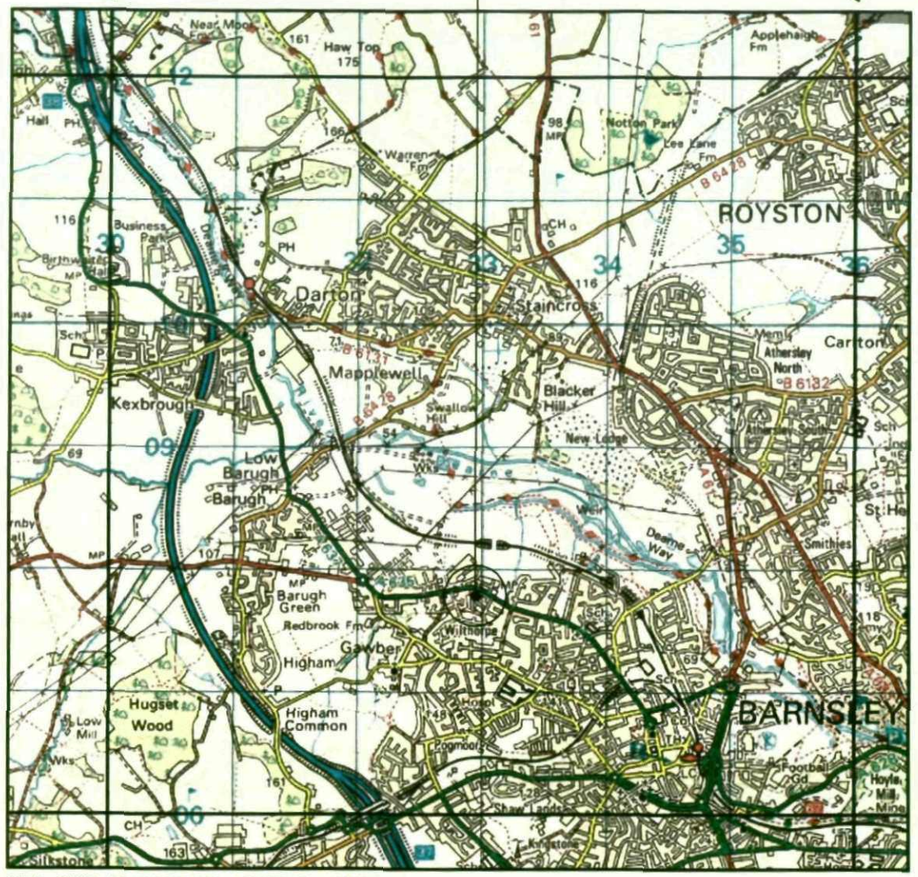
PURPOSE OF ISSUE

PLANNING																		
CONSTRUCTION																		
LEGAL																		
AS BUILT																		
INFORMATION																		

The Cornerstone Team is comprised of individuals employed either by Telefónica O2 UK Limited or Vodafone UK Limited. It exists to facilitate network infrastructure sharing arrangements between the two companies, but not as an entity in its own right. Neither company is an agent for the other and the members of the Cornerstone Team employed by one company are not agents for the other company. The Cornerstone Team is not a partnership, nor is it incorporated as a limited company. It cannot enter into contracts, and cannot be responsible for debts, whether in its own name or on behalf of Telefónica O2 UK Limited or Vodafone UK Limited

NORTH

SITE LOCATION



SITE GRID REFERENCE 432951E 407824N
SCALE 1:50000

SITE PHOTOGRAPH

SITE LOCATION

SITE ACCESS ROUTE

SITE GRID REFERENCE 432951E 407824N
SCALE 1:1250

NOTES:

1. SITE ACCESS: FROM THE M1 JUNCTION 38, TAKE HUDDERSFIELD/A637 TO HUDDERSFIELD. AT ROUNDABOUT TAKE THE THIRD EXIT ONTO THE A637/HUDDERSFIELD ROAD HEADING TO BARNSLEY, CONTINUE OVER ROUNDABOUT AND AT THE NEXT ROUNDABOUT TAKE THE SECOND EXIT ONTO THE A635 WILTHORPE ROAD, THE SITE IS ON THE RIGHT HAND SIDE OPPOSITE THE CRESENT.

2. SURROUNDING AREA IS RESIDENTIAL

3. DISTANCE TO PUBLIC HIGHWAY IS 2.0m APPROX.

REPRODUCED FROM ORDNANCE SURVEY WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONARY OFFICE.
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REV.	DATE	REMARKS	BY	CHK.

CORNERSTONE PROJECT

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Tyco Electronics UK Infrastructure Ltd.
203 Cavendish Place
Birchwood Park
Warrington
WA3 6WU
Telephone 01925 848 252 Fax 01925 848 241

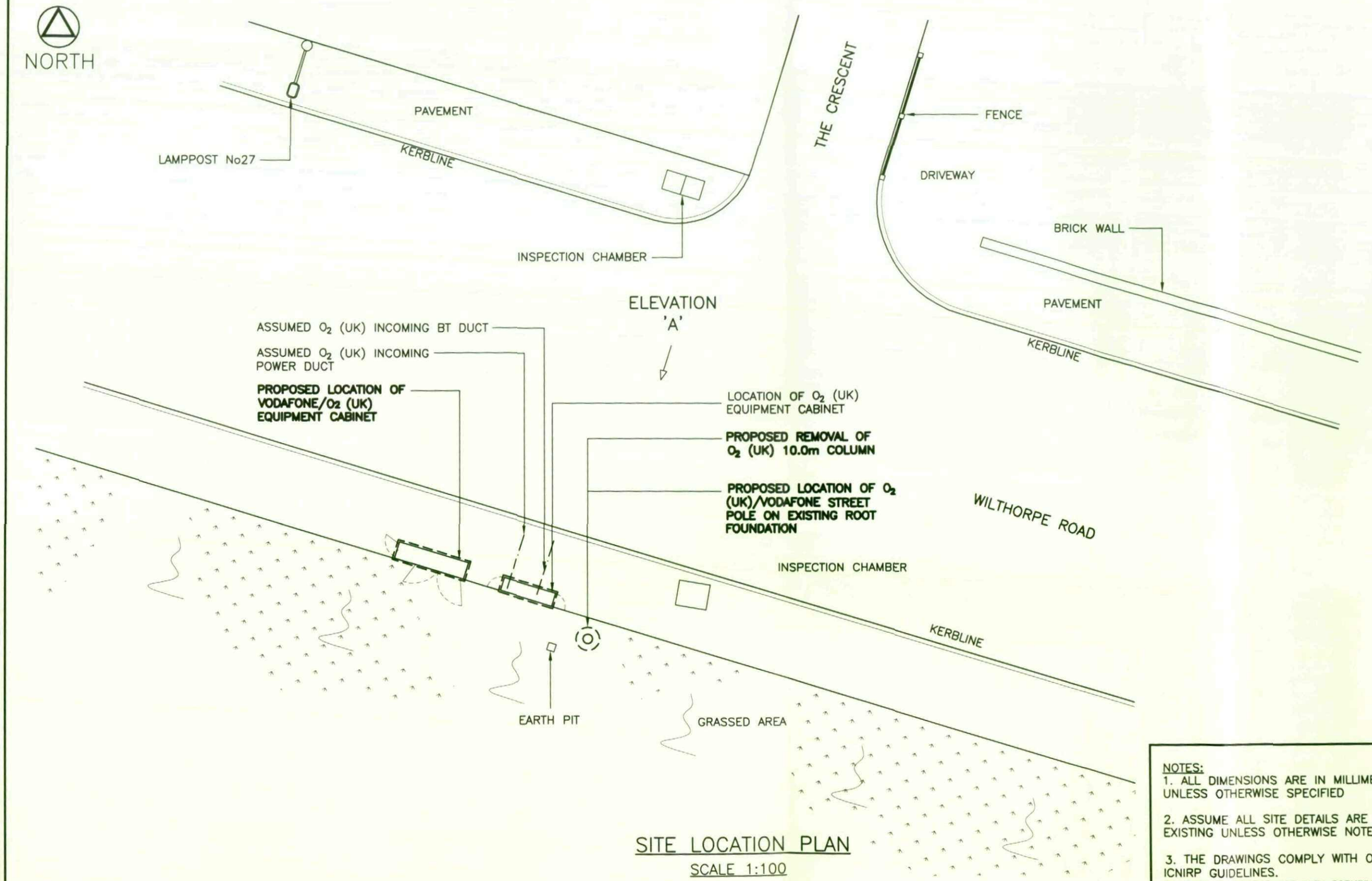
CELL NAME	OPTION	DRAWN	CHECKED	APPROVED	DATE	SCALE
OS110 POGMOOR	A	SPD	SH	AC	18.04.10	AS SHOWN

SITE ADDRESS	CORNERSTONE ID	HOST ID	SHARER ID
STREETWORKS ON WILTHORPE ROAD WILTHORPE ROAD, BARNSLEY SOUTH YORKSHIRE S75 1JL	CS – 14597	O2 – 015281	VF – 80308

CONSULTANT REF No.: 1314/075

DRAWING TITLE	PURPOSE OF ISSUE	DRAWING No.	REVISION
SITE LOCATION MAPS	PLANNING	100	–

1:1



SITE LOCATION PLAN

SCALE 1:100

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

2. ASSUME ALL SITE DETAILS ARE EXISTING UNLESS OTHERWISE NOTED.

3. THE DRAWINGS COMPLY WITH O_2 (UK) & VODAFONE STANDARD ICNIRP GUIDELINES.
DESIGNED IN ACCORDANCE WITH CORNERSTONE DOCUMENT: CORN/09/013

REV.	DATE	REMARKS	BY	CHK.
A	11.05.10	CABINET CONFIRMED AS HARRIER	SPD	AC

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OS110 POGMOOR	A	SPD	SH	AC	18.04.10	AS SHOW

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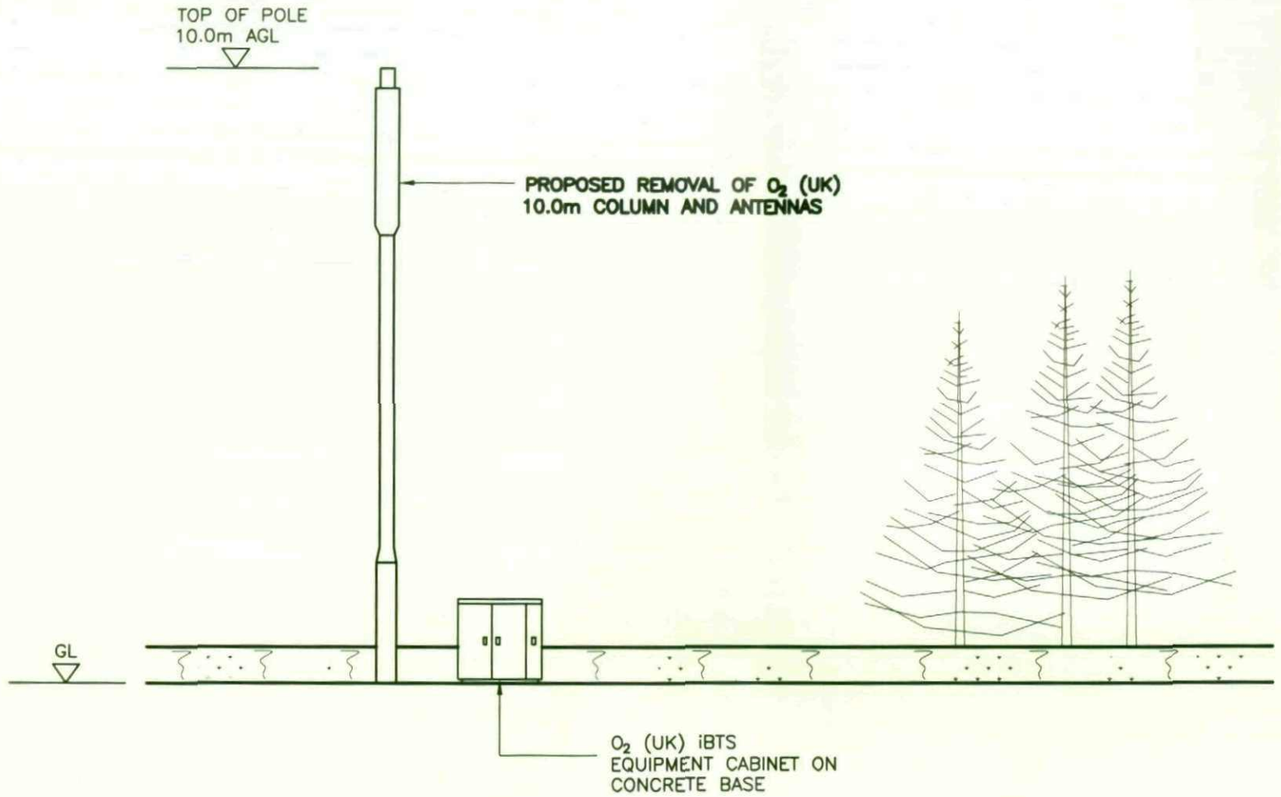
STREETWORKS ON WILTHORPE ROAD WILTHORPE ROAD, BARNSLEY SOUTH YORKSHIRE S75 1JL	CS – 14597	02 – 015281	VF – 80308

CONSULTANT REF No.		
1314/075		
DRAWING TITLE	PURPOSE OF ISSUE	DRAWING No. / REVISION
SITE LOCATION PLAN	PLANNING	200 / A

1:1



EXISTING ELEVATION 'A'

SCALE 1:100

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REV.	DATE	REMARKS	BY	CHK.
B	04.06.10	AMENDED STRUCTURE	SPD	AC
A	28.05.10	CABINET NOTES REVISED	DW	SH

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OS110 POGMOOR	A	SPD	SH	AC	18.04.10	AS SHOWN

SITE ADDRESS
STREETWORKS ON WILTHORPE ROAD
WILTHORPE ROAD, BARNSLEY
SOUTH YORKSHIRE
S75 1JL

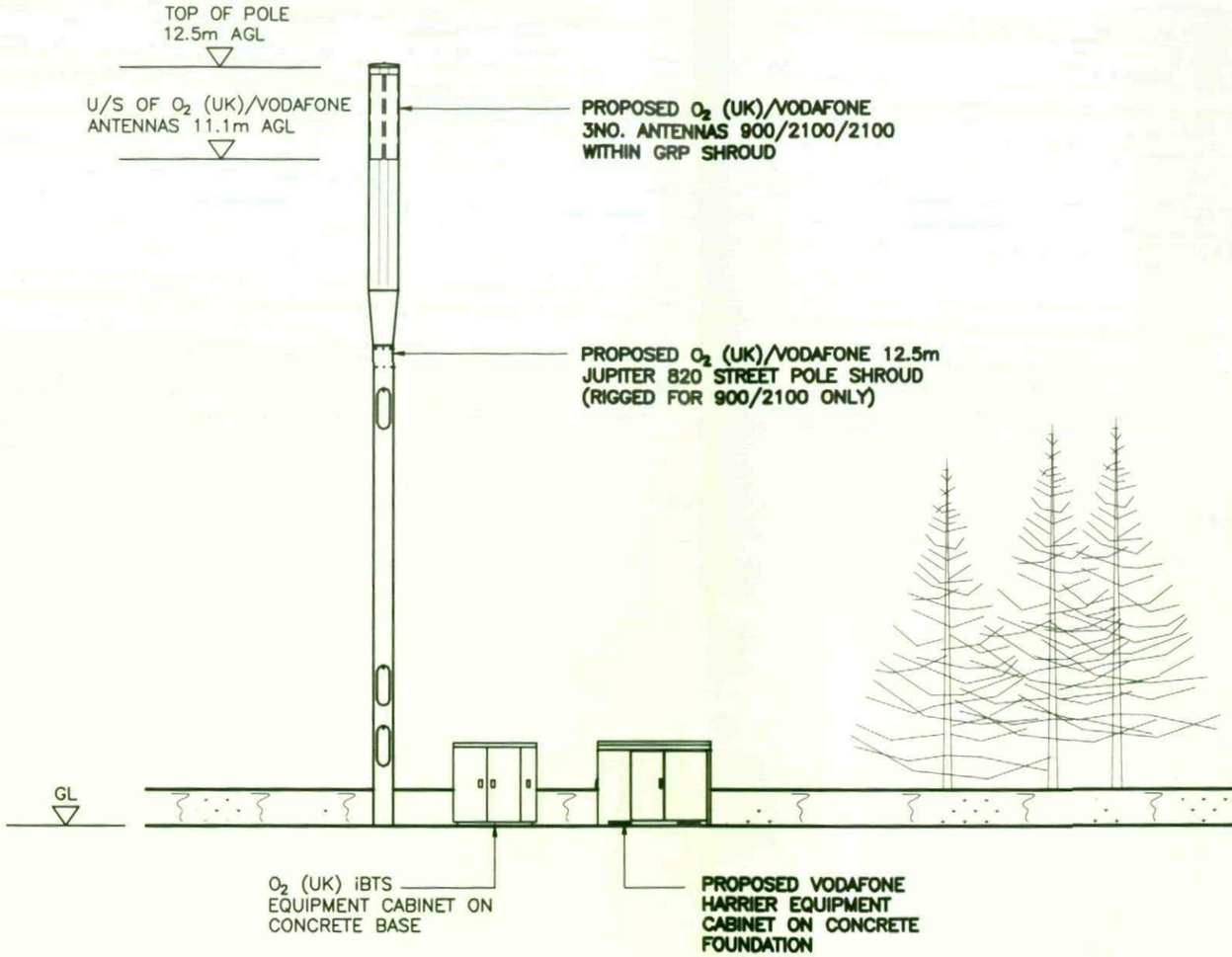
CORNERSTONE ID	HOST ID	SHARER ID
CS – 14597	02 – 015281	VF – 80308

CONSULTANT REF No.
1314/075

DRAWING TITLE
EXISTING SITE ELEVATION

PURPOSE OF ISSUE	DRAWING No.	REVISION
PLANNING	300	B

1:1



PROPOSED ELEVATION 'A'

SCALE 1:100

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DESIGNED IN ACCORDANCE WITH CORNERSTONE DOCUMENT: CORN/09/013

REV.	DATE	REMARKS	BY	CHK.
B	28.05.10	CABINET NOTES REVISED	DW	SH
A	11.05.10	CABINET CONFIRMED AS HARRIER	SPD	AC

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STREETWORKS ON WILTHORPE ROAD WILTHORPE ROAD, BARNSLEY SOUTH YORKSHIRE S75 1JL	CS – 14597	02 – 015281	VF – 80308

CONSULTANT REF No.: 1314/075

DRAWING TITLE	PURPOSE OF ISSUE	DRAWING No.	REVISION
PROPOSED SITE ELEVATION	PLANNING	301	B

1:1

NORTH

PROPOSED REMOVAL OF O2 (UK) 10.0m COLUMN

PROPOSED O_2 (UK)/VODAFONE 12.5m JUPITER STREET POLE WITH 3No. 900/2100/2100 ANTENNAS WITHIN GRP SHROUD

PROPOSED RE-UTILISATION OF EXISTING 750ø CONCRETE ROOT FOUNDATION. (HUTCHINSON ENGINEERING TO BE INFORMED AT TIME OF POLE ORDER)

PROPOSED DRAW PIT TO BE INSTALLED AT BASE OF POLE

RASSED AREA

PROPOSED VODAFONE 150ø FEEDER DUCT TO PROPOSED POLE

1000 APPROX

1840

EARTH PIT

100 APPROX

440

INSPECTION CHAMBER

O_2 (UK) 150ø FEEDER DUCT TO STREET POLE

O_2 (UK) iBTS EQUIPMENT CABINET ON CONCRETE BASE

ASSUMED O_2 (UK) INCOMING BT DUCT

ASSUMED O_2 (UK) INCOMING POWER DUCT

PROPOSED VODAFONE/O_2 (UK) HARRIER EQUIPMENT CABINET ON CONCRETE FOUNDATION

PROPOSED VODAFONE POWER LINK DUCT

PROPOSED VODAFONE BT LINK DUCT

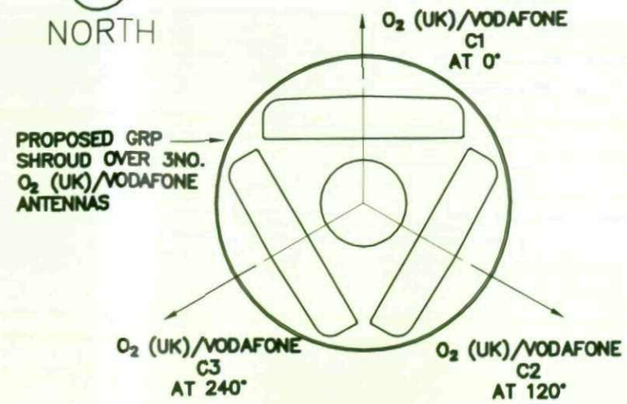
ELEVATION 'A'

WILTHORPE ROAD

SITE LAYOUT

SCALE 1:50

NORTH



PLAN OF O_2 (UK)/VODAFONE EQUIPMENT ON TOWER @ 11.1m A.G.L.

Scale 1:10

ALL WORKS CARRIED OUT ON THE HIGHWAYS LAND TO BE DONE IN ACCORDANCE WITH THE NEW ROADS AND STREETWORKS ACT 1991 (C.22)

PROPOSED VODAFONE POWER AND BT CONNECTIONS TO BE CONFIRMED BT TEI ELECTRICAL ENGINEER

TRIAL PIT REQUIRED TO ASCERTAIN EXACT LOCATION OF U/G SERVICES AND COLUMN SPIGOT CAPACITY PRIOR TO UPGRADE

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DESIGNED IN ACCORDANCE WITH CORNERSTONE DOCUMENT: CORN/09/013

REV.	DATE	REMARKS	BY	CHK.
B	28.05.10	CABINET NOTES REVISED	DW	SH
A	11.05.10	CABINET CONFIRMED AS HARRIER	SPD	AC

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CONSULTANT REF No.: 1314/075

DRAWING TITLE	PURPOSE OF ISSUE	DRAWING No.	REVISION
SITE LAYOUT & EQUIPMENT PLAN	PLANNING	400	B

1:1

ANTENNAS													FEEDERS		
	OPERATOR	CELL	TYPE	DESCRIPTION	VF PART NO.	O_2 (UK) PART NO.	ORIENTATION	MECHANICAL DOWNTILT	HEIGHT TO UNDERSIDE	LOCATION	COLOUR	COMMENTS	FEEDER TYPE	FEEDER LENGTH (m)	RET CABLE LENGTH (m)
EXISTING	O_2 (UK)	C1	900	–	–	TBC	0	–	7.6m	TOWER TOP	GREY (AS SUPPLIED)	TO BE REMOVED	LDF 5–50	–	–
	O_2 (UK)	C2	900	–	–	TBC	120	–	7.6m	TOWER TOP	GREY (AS SUPPLIED)	TO BE REMOVED	LDF 5–50	–	–
	O_2 (UK)	C3	900	–	–	TBC	240	–	7.6m	TOWER TOP	GREY (AS SUPPLIED)	TO BE REMOVED	LDF 5–50	–	–
PROPOSED	VF/O_2 (UK)	C1	900/2100/2100	TRIBAND	801–751	65XV12V8MR14P	0	–	11.1m	TOWER TOP	GREY (AS SUPPLIED)	WITHIN GRP SHROUD (COLOUR GREY)	HFC 22	17.0m	–
	VF/O_2 (UK)	C2	900/2100/2100	TRIBAND	801–751	65XV12V8MR14P	120	–	11.1m	TOWER TOP	GREY (AS SUPPLIED)	WITHIN GRP SHROUD (COLOUR GREY)	HFC 22	17.0m	–
	VF/O_2 (UK)	C3	900/2100/2100	TRIBAND	801–751	65XV12V8MR14P	240	–	11.1m	TOWER TOP	GREY (AS SUPPLIED)	WITHIN GRP SHROUD (COLOUR GREY)	HFC 22	17.0m	–

SUPPORT STRUCTURE					
	HEIGHT	SUPPLIER	TYPE	COLOUR	COMMENTS
EXISTING	10.0m	HUTCHISON	FLEXICELL 1	GREY (AS SUPPLIED)	TO BE REMOVED
PROPOSED	12.5m	HUTCHISON	JUPITER 820 (SPECIAL)	GREY (AS SUPPLIED)	ON EXISTING ROOT

EQUIPMENT						
	OPERATOR	MAIN EQUIPMENT SUPPLIER	TYPE	SIZE	COLOUR	COMMENTS
EXISTING	O_2 (UK)	NOKIA	2G CABINET	1.35 x 0.35 x 1.38m HIGH	GREEN (RAL 6009)	
PROPOSED	CORNERSTONE	ALIFABS	HARRIER CABINET	1.84 x 0.44 x 1.40m HIGH	GREEN (RAL 6009)	

BASES										
	OPERATOR	TYPE	SIZE	MAXIMUM DEPTH	EQUIPMENT	SUPPORT STRUCTURE	ELECTRICAL CABINET	A/C UNITS	GANTRY POSTS	COMMENTS
EXISTING	O_2 (UK)	CABINET FOUNDATION	1.58m x 0.45m	0.40m	2G CABINET	–	1 No.	–	–	–
	O_2 (UK)	ROOT FOUNDATION	0.75mø	0.40m	–	10.0m HIGH COLUMN	–	–	–	TO BE REUTILISED
PROPOSED	VODAFONE	CABINET FOUNDATION	1.45m x 0.45m	0.40m	HARRIER CABINET	–	–	–	–	–

REV.	DATE	REMARKS	BY	CHK.
A	28.05.10	CABINET NOTES REVISED	DW	SH

1:1

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CONCESSIONS
N/A

CONFIRMATIONS
N/A

CELL NAME: OS110 POGMOOR
OPTION: A

SITE ADDRESS:
STREETWORKS ON WILTHORPE ROAD
WILTHORPE ROAD, BARNSLEY
SOUTH YORKSHIRE
S75 1JL

DRAWING TITLE: TECHNICAL INFORMATION

DRAWN	CHECKED	APPROVED	DATE	SCALE
SPD	SH	AC	18.04.10	AS SHOWN

CORNERSTONE ID	HOST ID	SHARER ID
CS – 14597	02 – 015281	VF – 80308

CONSULTANT REF No.: 1314/075

PURPOSE OF ISSUE	DRAWING No.	REVISION
PLANNING	500	A