APPLICATION NO:
TP/2002/5871

LOCATION:
White Hill Farm Remenham Church Lane, *Remenham* .

APPLICANT:
Airwave Mm02 Ltd C/O A P T Marconi

PROPOSAL:
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.

EARLIEST DATE FOR DECISION: **25/03/2002**

APPLICATION WILL HAVE EXPIRED ON:
19/04/2002

CASE OFFICER: **Heidi Lynch**

953

DO

RAILEX
Marbleboard

EASIFILE EP7

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

Notification of Refusal of Permission

Airwave $Mm0_2$ Ltd
C/O A P T Marconi
Unit C
Southmere Court
Electra Way
Crewe
Cheshire CW1 6GU

Application Number: TP/2002/5871

Parish: **REMENHAM**

Location: **White Hill Farm, Remenham Church Lane, Remenham.**

Proposal: **Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.**

The Wokingham District Council in pursuance of their powers under the above Acts and Regulations hereby **Refuse Permission** for carrying out the above development in accordance with the application and the accompanying plans submitted to the Council, the reason for which is specified hereunder.

Reason

1. This development despite its temporary nature, by reason of its design, location and siting, would have an adverse visual impact detrimental to the character of the Green Belt and Area of Special Landscape Significance. Therefore the development would be contrary to policies C4 and TC1 of the Berkshire Structure Plan and policies WOS3, WBE1, WIC14, WLL2 and WGB1 of the Wokingham District Local Plan (Deposit Draft).

Informative

1. You are advised, in compliance with The Town and Country Planning (General Development Procedure) (England) (Amendment) Order 2000, that the following policies and/or proposals in the development plan are relevant to this decision:

Berkshire Structure Plan Policies TC1 and C4.
Deposit Draft Wokingham District Local Plan Policies WOS3, WBE1, WIC14, WGB1 and WLL2.

Anna Cronin
Head of Planning & Transportation
Date: 15/04/2002

Notice checked by: _____

If this notice grants permission to proceed with the proposal the applicant is reminded that it relates to planning permission only and does not constitute approval under any other legislation including Building Regulations.

Heidi Lynch

From: Remenham@aol.com
Sent: 27 April 2002 20:00
To: heidi.lynch@wokingham.gov.uk
Subject: Radio Mast PLanning Application

Ms Lynch
Comments from Remenham Parish Council:

Appl No TP/2002/5871
Radio Mast at White Hill Farm

Remenham Parish Council object strongly to the application on the following grounds:

It is an unsightly intrusion in an open green belt landscape.
It is a commercial development in the green belt
The health risks of such masts are not known, and lack of evidence of risk is not evidence of lack of risk.
The Appeals inspector said of a similar mast at Sonning Eye that it would have a detrimental impact on the countryside, be "a stark and alien feature on the landscape" and "out of place".
Alternative sties are available, and have not been considered.

The council also feel that while the previous application on the same site is still being considered at appeal, the applicant should not be seeking a second attempt by the back door.

Regards
Francis Burley
Clerk to Remenham Parish Council
[Information in this email is not necessarily the view of the Parish Council]

ENVIRONMENT AGENCY

Our Ref : SP/2002/005406-1/1
Your Ref : TP/2002/5871

Date : 02 April 2002

PLANNING SERVICES	HPT S6019
POL	TLS
DC HL	ENF
EPP	
CS	
03 MAY 2002	
COPIES TO	ACK:
	FILE:

District Planning Officer
Wokingham District Council
Council Offices
PO Box 157 Shute End
Wokingham
Berkshire
RG40 1WR

Dear Sir/Madam

PROPOSAL: TEMPORARY PERMISSION TO ERECT 20M HIGH GUYED MONOPOLE WITH EQUIPMENT HOUSING AND ACCESS
LOCATION: WHITE HILL FARM, CHURCH LANE, REMENHAM

Thank you for your letter dated 4 March 2002, received on 6 March 2002. Please quote the following reference in any correspondence: SU78SE/13/12. I realise that this application was refused by Wokingham unitary Authority on 15 April 2002, however I understand that the Environment Agency's comments on the proposal may still be of use.

The Environment Agency has no objection, in principle, to the proposed development provided that the following conditions are imposed on any planning permission granted:

PLANNING CONDITIONS:

CONDITION: No soakaways shall be constructed such that they penetrate the water table, and they shall not in any event exceed 3 metres in depth below existing ground level.
REASON: To prevent pollution of groundwater.

ADVICE

Watercourses

We are not aware of any watercourses on the site, but should there be any, we advise that:
(1) they should not be culverted; and
(2) a buffer zone is left on either side of any watercourse, and
(3) culverted watercourses should not be built over, but should ideally be opened up and made a feature of the site.

In any case, you should note that culverting of a watercourse requires the prior written approval of the local authority under the terms of the Public Health Act 1936, and the prior written consent of the Environment Agency under the terms of the Land Drainage Act

Environment Agency
Swift House, Frimley Business Park, Camberley, Surrey, GU16 7SQ, Tel no:01276 454300, Fax no:01276 454301

1991/Water Resources Act 1991. The Agency seeks to avoid culverting, and its consent for such works will normally be withheld.

Environment Protection

Surface water from hard surfaced areas should discharge via deep seal trapped gullies incorporating a minimum water seal of 85mm or similar. Roof water downpipes should be connected to the drainage system either directly, or by means of back inlet gullies provided with sealing plates instead of open gratings.

All sewage or trade effluent should be discharged to the foul sewer if available subject to the approval of Thames Water Utilities or its sewerage agent.

The fuel tank proposed is acceptable as it an integrally bunded tank and is compliant with the oil storage regulations

DECISION NOTICE

Please forward a copy of the decision notice to this office quoting our reference. A copy of this letter has been sent to the agent. If you have any further queries, please contact me, quoting the reference at the beginning of this letter.

Yours faithfully

JO MARSHALL
Planning Liaison Officer

Direct dial: 01276 454323
Direct fax: 01276 454352
Email: joanna.marshall@environment-agency.gov.uk

CC: Mr.R.A.Cooke APT Marconi

Applicationo	Name & Address
TP/2002/5871	Stewart Till Remenham Place Remenham Hill HENLEY ON THAMES RG9 3EU
TP/2002/5871	Mrs M L Jones The Bungalow Remenham Place Remenham Hill HENLEY ON THAMES RG9 3EU
TP/2002/5871	Tim Smee The Dairy House Remenham Hill HENLEY ON THAMES RG9 3HN
TP/2002/5871	Heather & David Lee Beech View Remenham Church Lane REMENHAM Oxon RG9
TP/2002/5871	F. Baythorpe Foxhaven Church Lane REMENHAM RG9 3EX
TP/2002/5871	Mary Nelson 34 Farncombe Hill FARNCOMBE Surrey GU7 2AU
TP/2002/5871	Richard Murdoch Woodside Farmhouse Church Lane REMENHAM RG9 3EX
Application Refused	Letters sent 17.04.02

WOKINGHAM UNITARY
Aiming for Excellence

Application Number: F/2002/5871

Appraisal:

The proposed development is the installation of a temporary 20m high, guyed-monopole with three directional four-stack dipole antennas. An associated equipment cabin on timber members measuring 2.8m by 2.8m is also to be sited to the north. The applicant seeks permission for a temporary installation for a maximum period of 2 years in order to provide emergency coverage for the Airwave Service within Henley-on-Thames town centre, and to allow adequate time to locate a permanent site. The development is to provide an upgraded mobile radio telecommunications infrastructure for public safety organisations such as Police services.

The site is located within the Green Belt and also within an Area of Special Landscape Importance. Remenham Church Lane runs to the west of the site and there is currently an earth bank running along the road, helping to screen the site.

A previous application (F/2001/4807) for a 20m high lattice mast with 3 cross polar antennas, 2 dish antennas and a radio equipment cabin in the same location, was refused on 13/11/2001 due to an adverse impact detrimental to the character of the Green Belt and surrounding area. This decision is now the subject of an appeal.

1. Impact upon neighbouring properties

The closest residential properties are at least 50m away to the south of the proposed mast. A number of properties have sent objection letters pertaining to the potential visual impact on the surrounding area of natural beauty (examined further in next section), as well as potential health risks. The applicants have submitted certification that the proposed equipment and installations are in full compliance with the ICNIRP guidelines and therefore this application cannot be refused on health issues. Due to the distance away from residential properties, it is considered there will be no direct impact in terms of loss of privacy, overbearing issues or daylight issues.

2. Impact upon the Green Belt and visual amenity

The surrounding area is generally open agricultural land with high rural character and special landscape qualities and it has been designated an Area of Special Landscape Importance as a result of this.

The mast is a three-guyed monopole structure which stands at 20m in height (the same height as the mast refused under the previous application). It is situated close to the highway behind an existing earth embankment and a row of trees approximately 8.0m in height. The mast will therefore project above the tree line by approximately 12m. The mast is therefore considered to have poor screening and as a result, it is visually prominent, especially due to its proximity with the highway. This impacts on the visual amenity and open character of the Green Belt and an Area of Special Landscape Significance. Despite the proposed mast being temporary, it is considered that it will still have an adverse effect on the Green Belt and Area of Special Landscape Importance and may set a precedent for a more permanent structure. The application should therefore be refused.

Recommendation: Approval: **Refusal: ✓**

5871

No	Std Con	Std Reas	Reasons for refusal
1.			This development despite its temporary nature, by reason of its design, location and siting, would have an adverse visual impact detrimental to the character of the Green Belt and Area of Special Landscape Significance. Therefore the development would be contrary to policies C4 and TC1 of the Berkshire Structure Plan, and policies WOS3, WBE1, WIC14, WLL2 and WGB1 of the Wokingham District Plan (Deposit Draft).
Policies			
Wokingham District Plan:	WOS3, WBE1, WIC14, WGB1, WLL2		
Berkshire Structure Plan:	TC1, C4		

K Gwatkin
15/4/02

WORK SHEET FOR : Heidi Lynch

Application Number : TP/2002/5871

Applicant : Airwave Mm02 Ltd C/O A P T Marconi.

Location : White Hill Farm, Remenham Church Lane, Remenham, .

Proposal : Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.

Site Notice Displayed ? : YES [ ] NO [ ] DATE [ ]

Date of Neighbour Notifications : .....

Date of Site Visit : .....

Date Registered : 22/02/2002

History
2001/4807

Earliest Date for Decision : 25/03/2002

Latest Consultation Date/Site Notice Expiry Date : 25/03/2002

This application will have expired on: 19/04/2002. You need to make a decision 1 day prior to this date for this application to count as determined in less than 8 weeks.

Consultation Responses : Landscape - no objection if additional planting is provided

Minerals - no comments

Policy - advises that an alternative location be sought as proposal may have an adverse visual impact on an environmentally sensitive area.

EnvHealth - no objections

Neighbours - detrimental to natural beauty of area, visual intrusion, health impacts, can be seen by a wide area, temporary permission may give rise to pemanent permission

Councillor Bourne - list application if it is to be approved.

Planning Issues :

Green Belt
Area of Special Landscape Importance

Policies
TC1
WGB1
WIC14

Tel: (0118) 974 6482

Date: 04 March 2002

My ref: TP/2002/5871

WOKINGHAM UNITARY
Aiming for Excellence

Environmental Services Department
Planning Services
P.O. Box 157
Shute End, Wokingham
Berkshire RG40 1WR
Tel: (0118) 974 6000
Fax: (0118) 974 6484
Minicom No: (0118) 974 6991
DX: 33506 – Wokingham

Councillor Browne
The Old Coach House
Remenham Hill
Remenham
Berks
RG9 3EP

Dear Councillor

Application Number: TP/2002/5871
White Hill Farm, Remenham Church Lane, Remenham, .
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.

I write to let you know that the above mentioned application has been received.

At this stage a recommendation has not yet been made. This form should only be returned if it is likely that you might wish for the application to be listed for consideration by the Development Control Committee. *This form must be received no later than 28 days from the date of this letter.*

If you have concerns about the proposals it may be possible for these to be addressed during the consideration of the application. In these circumstances it would be helpful if you could discuss these with the case officer **Heidi Lynch** on **(0118) 974 6482** in the first instance.

Yours sincerely

~~List of cards approving~~

Trevor Watson

Trevor

Development Control Manager

If Officers are minded to approve, I'd like to list this application.
T.Y. Fred

LISTING FORM
Case officer: **Heidi Lynch** Application Number: **TP/2002/5871**
White Hill Farm, Remenham Church Lane, Remenham, .
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.
I wish this application to be listed should the officers recommendation be for: GRANT/REFUSAL *and my reasons are:*

_____

_____

Should the officers recommendation be in accordance with my views I am happy for the application to be determined under delegated powers. YES/NO

Signed: _____ Date: _____

Councillor Browne

**********FILE COPY**********

Tel: (0118) 974 6482

Date: 04 March 2002

My ref: TP/2002/5871

WOKINGHAM UNITARY
Aiming for Excellence

Councillor Etheridge
41a Bearwood Road
Barkham
Berks
RG41 4SX

Environmental Services Department
Planning Services
P.O. Box 157
Shute End, Wokingham
Berkshire RG40 1WR
Tel: (0118) 974 6000
Fax: (0118) 974 6484
Minicom No: (0118) 974 6991
DX: 33506 – Wokingham

Dear Councillor

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Yours sincerely
Trevor Watson
Development Control Manager

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White Hill Farm, Remenham Church Lane, Remenham, .
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.
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_____

_____

Should the officers recommendation be in accordance with my views I am happy for the application to be determined under delegated powers. YES/NO

Signed: _____ Date: _____

Councillor Etheridge

**********FILE COPY**********

**********FILE COPY**********

Tel: (0118) 974 6482

Date: 04 March 2002

My ref: TP/2002/5871

WOKINGHAM UNITARY
Aiming for Excellence

Councillor Browne
The Old Coach House
Remenham Hill
Remenham
Berks
RG9 3EP

Environmental Services Department
Planning Services
P.O. Box 157
Shute End, Wokingham
Berkshire RG40 1WR
Tel: (0118) 974 6000
Fax: (0118) 974 6484
Minicom No: (0118) 974 6991
DX: 33506 – Wokingham

Dear Councillor

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Yours sincerely
Trevor Watson
Development Control Manager

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Case officer: **Heidi Lynch** Application Number: **TP/2002/5871**
White Hill Farm, Remenham Church Lane, Remenham, .
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.
I wish this application to be listed should the officers recommendation be for: GRANT/REFUSAL and my reasons are:

_____

_____

Should the officers recommendation be in accordance with my views I am happy for the application to be determined under delegated powers. YES/NO

Signed: _____ Date: _____

Councillor Browne

**********FILE COPY**********

01270 535501

Facsimile

A·P·T
A Marconi company

PLANNING SERVICES	HPT 54893
POL	TLS
DC HL	ENF
APP	
CS	

03 APR 2002

COMES TO

To	Heidi Lynch	From	Richard Cole
Bus/Dept		Bus/Dept	
Company	Wokingham District Council	E-mail	
Fax No.	0118 974 6686	Fax No.	01270 535501
Tel. No.		Tel. No.	
Your Ref	TP/2002/5871	Our Ref	
No. of pages including this one	6	Date	3/04/02

Heidi,

Please find enclosed drawings and photographs showing temporary masts that have received planning permission and have been built for the West Mercia Constabulary

This is based on the Medlock solution and is of a different design to the design proposed at Whitehill Farm.

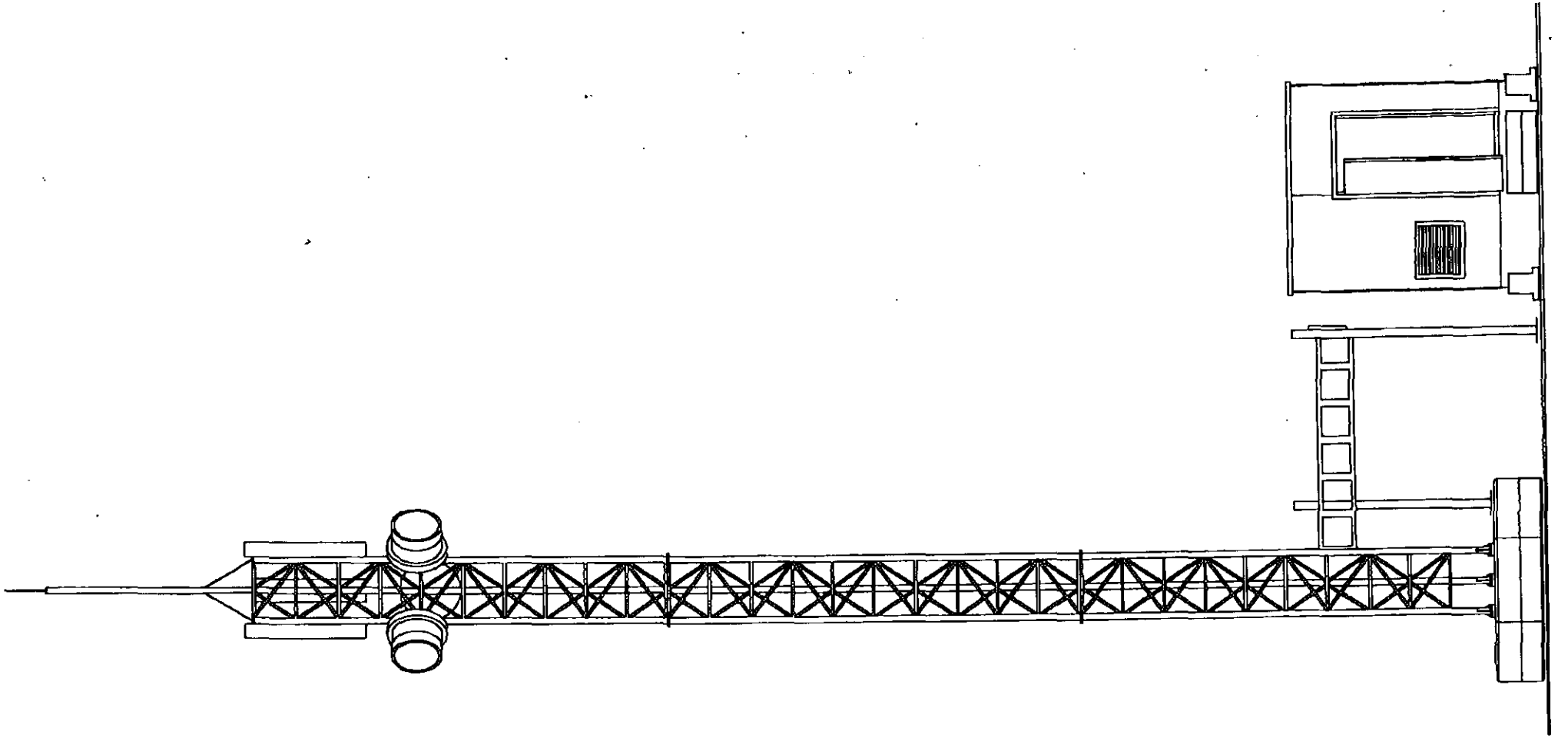
Kind regards,

Richard

Rang to say not acceptable.

Note: This facsimile transmission is strictly confidential and intended for use of the addressee. It may contain privileged and confidential information. If you are not the person for whom it is intended you must not copy, distribute or take any action in reliance on it. If you have received this fax in error please notify us by telephone and return it to us in the post.

01270 535501



Medlock Communications

Head Office: Constance House, 5 Missouri Ave Salford, Manchester M5 2XP
Tel: 0161 743 3000 Fax: 0161 743 3001 email: Manchester@MedlockComms.co.uk
www.manchester.medlock.co.uk
Sheffield Office Tel: 01324 617817 Fax: 01324 636259
London Office: Tel: 0208 688 8558 Fax: 0208 688 8820

Site Ref	Cell Name	O/S Cell Reference
00000	ELEVATION	?? 0000 0000

Designed

Drawn: PN Farrell

Date: 16/07/01

Scale: 1:50

Checked

Site Address

Drawing Title: FastSite Tower

Drawing No	MC Job Ref
2000/A	M0000

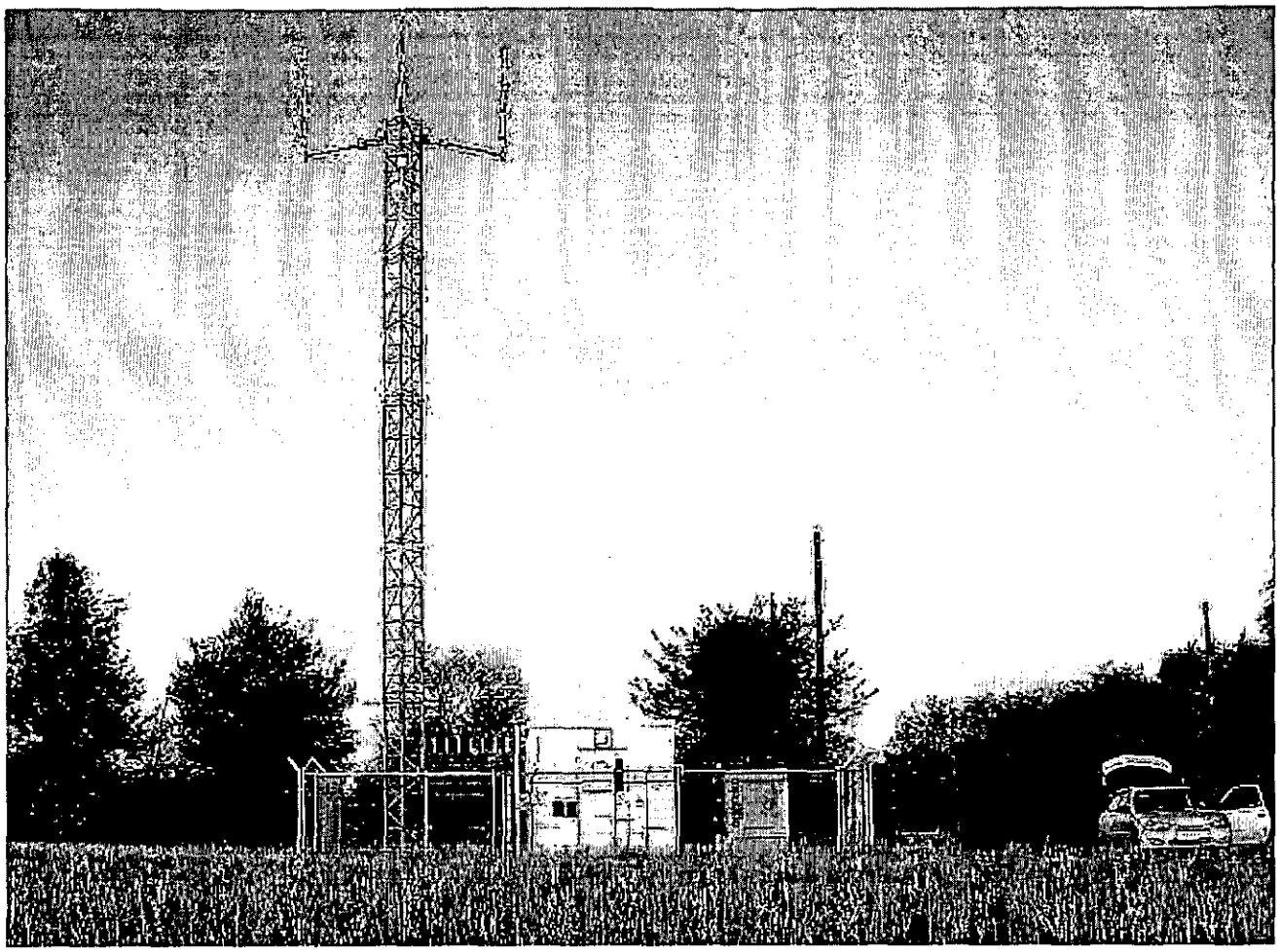
recorded by Philip Farrell
16.7.1, e-mail

Notes:-
1. Do not scale
2. All dimensions in mm unless otherwise specified
3. This drawing to be read in conjunction with other relevant drawings.
4. New installation is to cross bonded to existing Lightning protection system in compliance with BP Output specifications (Lightning Protection & Earthing Requirements M2/DAR/004)

Crown Copyright Reserved. Maps reproduced with the permission of the controller of HM's Stationery Office. Ordnance Reference AL 52252A0001

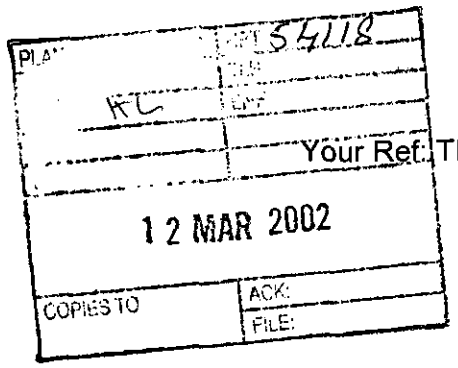
22 Furness Quay
Salford
Manchester M5 2XZ
Telephone: 0161 878 2200
Fax: 0161 878 2201

REV	[illegible]FICATION	BY	DATE



A·P·T
A Marconi company

Southmere Court, Electra Way, Crewe, Cheshire CW1 6GU
Telephone: (01270) 535500 Fax: (01270) 535501
Web Site: www.aptelecom.com



Wokingham Unitary
Environmental Services Dept
Planning Services
PO Box 157
Shute End
Wokingham
Berkshire
RG40 1WR

Your Ref: TP/2002/5871

Fao: Ms H Lynch

Dear Ms Lynch

Airwave mmO_2 Ltd
Proposed Telecommunications Installation White Hill Farm, Remenham Church Lane, Remenham.

I thank you for your letter dated 4 March 2002 acknowledging receipt of the above planning application.

As regards the Council's request to display a site note, you will be aware that under the provisions of the Town and Country Planning (General Development Procedure) Order 1995 it is the responsibility of the Local Planning Authority to post the site notice for developments where such a notice is deemed necessary. I do not therefore regard it as reasonable for the Council to seek to pass this responsibility and cost onto the applicant particularly where the planning fee is normally held to cover the Council's administrative and processing expenses.

Please contact me should you wish to discuss this matter further.

Yours sincerely

Mike Bottomley

Senior Planner
Direct Dial: 01270 535563
Email: *mike.bottomley@marconi.com*

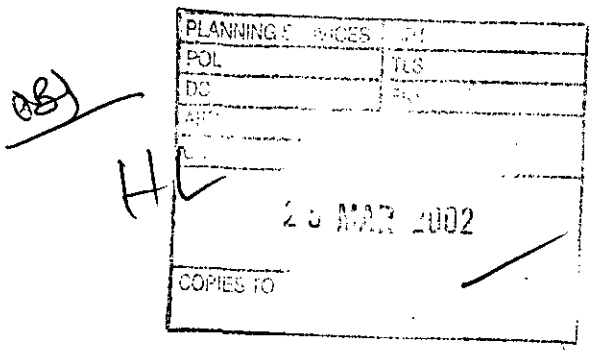
Ian Jordan

From: WebComments@wokingham.gov.uk
Sent: 25 March 2002 08:20
To: ian.jordan@wokingham.gov.uk
Subject: Comments on Planning Applications

WOKINGHAM UNITARY
Aiming for Excellence

****

NatureofEmail: Object
ApplicationNumber: TP/2002/5871
Correspondent_FullName: Mary Nelson
Correspondent_StreetAddress: 34 Farncombe Hill
Correspondent_Address2:
Correspondent_Town: Farncombe
Correspondent_County: Surrey
Correspondent_PostCode: GU7 2AU
Correspondent_Telephone:
Correspondent_Email: mn3434@hotmail.com



Comments:

I wish to object to this application. Within a very short distance of the application site are a number of mast which cover all the main networks. The need for a temporary mast in this location is not established. Keeping masts grouped together is consistent with PPG8 and means the intrusion in the countryside is kept at a minimum level. All operators have the ability under the Telecommunications Code, found in a schedule to the Telecommunications Act, to require existing mast site owners to mast share, or share the site of the mast. In consequence there is no reason why, if a temporary mast is required to overcome some problem with the applicants existing mast nearby this should not be erected near the site of the existing masts.

Allowing this application will simply encourage masts to located individually, rather than grouped together, this will be very much to the detriment of the countryside.

I note this is a temporary application but it should be judged as if it were a permanent one, as once granted permission I have no doubt a full application for a permanent structure will follow.

Mary Nelson.

POSITIVE ABOUT DISABLED PEOPLE

Carol Hurst

PLANNING SERVICES	HPT
POL	TL3
DC	ENF
APP	
CS	
25 MAR 2002	
COPIES TO	ACK:
	FILE:

From: Ian Jordan
Sent: 25 March 2002 08:15
To: Carol Hurst
Subject: FW: Comments on Planning Applications

From: WebComments@wokingham.gov.uk[SMTP:WEBCOMMENTS@WOKINGHAM.GOV.UK]
Sent: Monday, March 25, 2002 8:19:40 AM
To: ian.jordan@wokingham.gov.uk
Subject: Comments on Planning Applications
Auto forwarded by a Rule

****

NatureofEmail: Object
ApplicationNumber: TP/2002/5871
Correspondent_FullName: Mary Nelson
Correspondent_StreetAddress: 34 Farncombe Hill
Correspondent_Address2:
Correspondent_Town: Farncombe
Correspondent_County: Surrey
Correspondent_PostCode: GU7 2AU
Correspondent_Telephone:
Correspondent_Email: mn3434@hotmail.com

Comments:

I wish to object to this application. Within a very short distance of the application site are a number of mast which cover all the main networks. The need for a temporary mast in this location is not established. Keeping masts grouped together is consistent with PPG8 and means the intrusion in the countryside is kept at a minimum level. All operators have the ability under the Telecommunications Code, found in a schedule to the Telecommunications Act, to require existing mast site owners to mast share, or share the site of the mast. In consequence there is no reason why, if a temporary mast is required to overcome some problem with the applicants existing mast nearby this should not be erected near the site of the existing masts.

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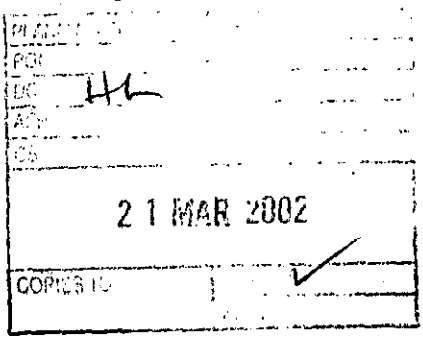
I note this is a temporary application but it should be judged as if it were a permanent one, as once granted permission I have no doubt a full application for a permanent structure will follow.

Mary Nelson.

Woodside Farmhouse,
Church Lane,
Remenham,
Henley-on-Thames,
Oxon, RG9 3EX
01491 578706

18 March 2002

Wokingham District Council
Environmental Services Dept
Planning Services
PO Box 157
Shute End
Wokingham
Berkshire RG40 1WR



Dear Sir,

Application - TP/2002/5871

I refer to your letter dated 15 Nov 2001 confirming that permission had been refused for a permanent mast (F/2001/4007), and to my letter (copy attached) of 8 October 2001 recording my objection to F/2001/4007

I attach a further copy of this letter to again record my objection to this new application for a "temporary" mast! There is a further point in the question "How long is temporary".

Yours faithfully

R. R. Murdoch

P.S. I also am unable to find the "red" notice that should be in a prominent place.

Woodside Farmhouse
Church Lane
Remenham
Henley on Thames
OXON
RG9 3EX

The Planning Officer
Development Control Department
Wokingham District Council
Shute End
Wokingham
RG40 1BN.

8 October 2001

For the attention of: - Mr Joss Miller

Dear Sir,

Application No F/2001/4807 – Radio Mast at Remenham Church Lane

I wish to express my objection to the proposed erection of a radio mast near the Copas storage barns in Remenham Church Lane.

My wife, children and I live close to the proposed site and consider that it would be obtrusive, unsightly and inappropriate for this rural area. It would also not be in accordance with the Parish Council's Village Plan and is clearly not an agricultural facility in terms of development within the green belt.

Equally, both through publicity and my profession, I am aware that it remains undecided as to whether associated transmissions from such radio masts are a hazard to health. This perception remains as a generality but until such time as the position is finally verified new mast locations must be discouraged.

Irrespective of the health aspect, I also understand that there is a general countrywide move to make use of existing facilities to prevent proliferation of unsightly masts and thus all users, inclusive of the police and the several mobile phone companies, should be encouraged to use existing facilities if available. This includes CCTV towers and light columns in appropriate locations. In this particular instance there is an existing mast at Park Place. Why cannot that be used? If a new mast is provided commercialism by others may well prevail and this will be of further disbenefit to the area.

I also believe that if a mast is erected the value of property in the immediate area may well be affected particularly as the green belt principles will have been violated and a precedent might well be set for further non green belt development in the area. In this respect I intend to seek appropriate advice.

I therefore hope that Wokingham will reject this particular application.

Yours faithfully

Richard Murdoch

Cc – Remenham Parish Council

OBB

PLANNING SERVICES	HPT
POL	TLS
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"Foxhaven"
Church Lane
Remenham
Henley-on-Thames
Oxon RG9 3EX

Dear Sir/Madam

Reference: Planning Application TP/2002/5871
Whitehill Farm, Remenham.

I wish to raise objection to the proposal to erect a 20m high guyed monopole at White Hill Farm on the same grounds as my previous objection to the different styled aerial.

The monopole is intended for radio transmission and within 1/8th mile (and much less) radius of the farm there are at least eight houses with children living in them. At ours and our neighbours there are 7 children alone

The long term effect of emissions from these masts is not known and I do not wish my children to risk cancer or other diseases associated with such transmissions.

Cellular Farms always attempt full planning then retract to temporary permission and usually gain it.

On this occasion I urge the council to refuse planning outright as any form of radio mast for any period of time (even 1yr) could be dangerous to our health. Furthermore, this is an area of green belt and a 20m mast will be a serious blot on the landscape.

Yours Sincerely

Tony Thorpe

OBS

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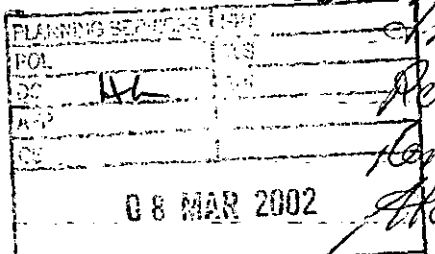

The Bungalow
Remenham Place
Remenham Hill
Henley-on Thames
RG9 3EU

TP/2002/5871

Thurs March 7th

Dear Miss Lynch

I'm writing once more so say we still do object to a Mast being erected at Mill Farm.

If you refer back to our last letter it will state so + we have no intention of changing our minds as we do feel very strongly against this.

Yours Sincerely
M.L. Jones (Mrs)

P.S. Hope you'll excuse writing as my eyes are bad.

Application No. TP/2002/5871

Beech View,
Remenham Church Lane
OBS Remenham,
Henley,
Oxon.

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16th March 2002.

Dear Ms. Lynch,

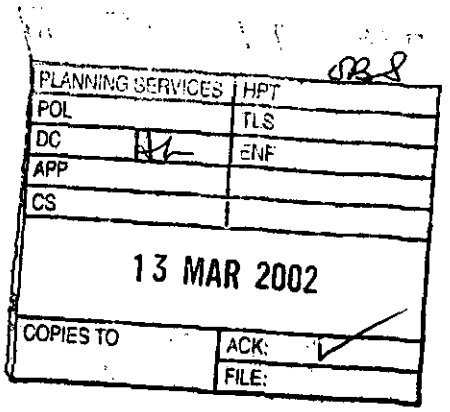
Further to your letter of 4th March 2002, I wish to confirm that I am very much against the proposal to erect a 20m high monopole at White Hill Farm. I understand that this is for temporary permission, but I am quite sure that once granted, full planning will just be a matter of course. We have already written with regard to a similar application in November 2001. I would therefore ask you to consider all the matters I raised then, which also apply to this proposal, before a decision is made

Should you wish to discuss this in more detail, please do not hesitate to contact us again.

Yours sincerely.

HA [signature]. HEATHER & DAVID LEE

Remenham Place
Remenham Hill
Henley on Thames
Oxon RG9 3EU



March 11th 2002

Heidi Lynch
Development Control Officer
Wokingham Unitary
Environmental Services Department
Planning Services
P.O. Box 157
Shute End
Wokingham RG40 1WR

Dear Ms Lynch

Re: **Application: TP/2002/5871 - White Hill Farm, Remenham**

I strongly object to this request for planning permission.

I don't believe anything has changed since you rejected the request for planning permission approximately six months ago.

As we wrote at the time, copy attached, the mast would be a terribly ugly visual intrusion on this beautiful part of the local countryside.

There is also our great concern that the mast could generate radiation, which would a horrific threat to my family.

Please resist this request, that I know is opposed strongly by the local community.

Yours sincerely

Stewart Till

Remenham Place
Remenham Hill
Henley on Thames
Oxon RG9 3EU

September 19th 2001

Joss Miller
Development Control Officer
Wokingham District Council
P.O. Box 157
Shute End
Wokingham, RG40 1WR

Dear Joss Miller

Re: **Application Number F/2001/4807 - White Hill Farm, Remenham Church Lane, Remenham**

As the owners and occupiers of an adjoining property, we wish to deeply object to the above, possible, development.

White Hill Farm, we believe, consists of two barns, which were recently built. Planning permission, we believe, was given for them to be used for solely agricultural storage. Yet, at least one of the barns is being used by a design / advertising agency. The owner of the White Hill Farm barns lives some considerable distance away in Cookham.

Obviously, the intention is for some type of further commercial activity that requires the ability to receive and or transmit radio signals. Isn't this in itself contrary to the existing planning approvals?

A 20 metre mast with dishes and antennas would obviously be an incredible eyesore and an exceptional blight on this beautiful piece of greenbelt English countryside. A high mast, with dishes etc., on the top of the hill would not only be an ugly eyesore for us as neighbours, and all the people living in Remenham, but also a hideous sight for visitors and tourists coming into Henley.

There is also the very worrying aspect of the mast emitting radiation. Having such a danger to our two children, at the end of our garden, is a frightening prospect.

I can't urge you too strongly to refuse this planning application.

Yours sincerely

Stewart Till

Ian Jordan

From: WebComments@wokingham.gov.uk
Sent: 14 March 2002 06:24
To: ian.jordan@wokingham.gov.uk
Subject: Comments on Planning Applications

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NatureofEmail: Object
ApplicationNumber: TP/2002/5871
Correspondent_FullName: Tim Smee
Correspondent_StreetAddress: The Dairy House
Correspondent_Address2: Remenham Hill
Correspondent_Town: Henley on Thames
Correspondent_County:
Correspondent_PostCode: RG9 3HN
Correspondent_Telephone:
Correspondent_Email: smee@tsmee.freeserve.co.uk

Comments:

The erection of a 20 metre high monopole with ancilliary equipment housing at this sensitive site is wholy inappropriate and would be severly detrimental to this area of exceptional natural beauty.

POSITIVE ABOUT DISABLED PEOPLE

WOKINGHAM DISTRICT COUNCIL
ENVIRONMENTAL PROTECTION AND HOUSING

MEMORANDUM

To: Heidi Lynch
Development Control

Your Ref: TP/2002/5871

From: Tom Payne
Environmental Health

My Ref: 000387

Date. 15 March 2002

PROPOSED APPLICATION FOR TEMPORARY PERMISSION TO ERECT 20 m HIGH GUYED MONOPOLE WITH EQUIPMENT HOUSING AND ACCESS.

WHITE HILL FARM, REMENHAM CHURCH LANE, REMENHAM.

These proposals have been evaluated and I have no environmental health objections to planning consent but have the following comments to make in relation to this proposal:

There have been questions raised as to the possibility of adverse health effects from electromagnetic radiation from telecommunication base stations and their positioning in relation to residential development and, in particular schools.

The Chartered Institute of Environmental Healths current policy states that;

(a) despite a growing body of research, there is currently no convincing evidence that environmental exposure to electromagnetic fields (emf) generated by the transmission of electricity or mobile telephony is harmful to human health, including that of children;
(b) that there is no justification on health grounds for restricting the public use of land other than immediately around power and mobile telecommunications installations. Conversely, there is no justification for restricting the siting of such installations in proximity to other land uses:
(c) that public concerns about the effects of electromagnetic fields while in our current state of knowledge apparently without foundation, should nonetheless be recognised as genuine.
(d) The full effects of emfs on humans may not yet be realised and though it can never be conclusive, there remains a need for continuing, properly funded, independent research into the nature, extent and relevance of those effects and the consequent adequacy of prevailing exposure guidelines.

Should you have any queries please do not hesitate to contact me.

T. Payne.

TOM PAYNE
SENIOR ENVIRONMENTAL HEALTH OFFICER
ENVIRONMENTAL PROTECTION & HOUSING

Policy and Plans Consultation

Date: 20/03/01

Case Officer: Heidi Lynch

Location: White Hill Farm, Remenham Church Lane, Remenham

Proposal: Application for temporary permission to erect 20m high guyed monopole with equipment housing and access

Application Number: TP/2002/5871

Applicant: Airwave Mm02 Ltd C/O A P T Marconi

Relevant policies in the WDLPDD applicable to this application:

TC1 – Assessment of Proposals for Telecommunications Development
WGB1 – Development in the Metropolitan Green Belt
WIC14 – Assessment of Proposals for Telecommunications Development.

The proposed development is located within the Green Belt designation of the local plan. This application should be assessed against policy WGB1. The form of development would fall under class G of policy WGB1. The policy states that the development will need to retain the open character of the Green Belt. It should be determined whether or not the proposal it is appropriate in scale, form, siting and design. Whilst the Local Plan Inspector has recommended altering the wording of this policy, it does not affect the consideration of this case.

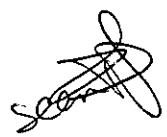
In terms of policy WIC14 the proposal will normally be granted for telecommunications development if the proposal is in accordance with policy TC1 of the Berkshire Structure Plan. The policy TC1 states planning permission will be granted for telecommunications development where there is no potential conflict with environmental objectives. Where there is a conflict development will be allowed provided:

- It is sited and designed so as not to result in significant adverse visual impact
- There are no satisfactory alternative sites for telecommunication available
- *There is no reasonable possibility of sharing existing facilities*
- There is no possibility of erecting antennae on an existing building or other structure.

Revised PPG8 (August 2001) also states protection from visual intrusion and the implications for subsequent network development will be important considerations in determining applications. In Green Belt, telecommunications development is likely to be inappropriate unless it maintains openness. Inappropriate development may proceed only if very special circumstances are demonstrated which outweigh the harm to the Green Belt. The lack of a suitable alternative site that would meet the needs of network coverage or capacity might be considered as very special circumstances.

In terms of these policies I would advise that an alternative location be sought for the proposed development as I would consider that the proposal may have an adverse visual impact on an environmentally sensitive area and therefore be contrary to policy TC1, WGB1 and WIC4.

Farah Humayun
Policy and Plans
20 March 2002



TO: **DEVELOPMENT CONTROL**
Heidi Lynch

FROM: Environmental Design

DATE: 26 March 2002

Location:	White Hill Farm, Remenham Church Lane, Remenham
Proposal:	Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.
Application Number:	TP/2002/5871

In response to your consultation dated 4 March 2002 for the above application, the landscape comments are as follows:

The site is located within the countryside designated as Green Belt and an ASLI. The bund alongside Remenham Church Lane is reasonably high with some existing planting already growing on the bund. The bund is already an existing feature that dominates this part of the lane and in part, visually contains large barn type buildings. I therefore have no objection to the erection of a temporary mast in this location provided additional planting is provided.

There are some small ash trees on the lower slopes of the bund adjacent to Remenham Church Lane with laurel and brambles on the top of the bund. Additional native tree planting is required on the bund adjacent to the Lane as well as on the bund to the north of the site (adjacent to the access track) to help mitigate views from the public right of way to the north. Details of this planting will need to be submitted by the applicant, to include full species name, size of plant at time of planting and planting densities.

Catherine Brimble

Catherine Brimble
Landscape Architect

To:
Minerals

From: Heidi Lynch

Date: 04 March 2002

Application Number: TP/2002/5871

Proposal: Application for temporary permission to erect 20m high guyed monopole with equipment housing and access..

Site Address:
White Hill Farm, Remenham Church Lane, Remenham, .

Applicant:
Airwave Mm02 Ltd C/O A P T Marconi.

Your observations are required in respect of this application within **7 days** of the above date.

Thankyou for consulting me on this application. I have no comments to make from a minerals and waste planning perspective.

Tanya Davies 7.3.02.

Introduction

22.FEB.2002* 5871

This application relates to development for the purposes of the Home Office funded Public Safety Radio Communications Project. The Project will provide a significantly upgraded mobile radio telecommunications infrastructure for public safety organisations in England, Scotland and Wales. This includes primarily the Police Authorities, for whom a national roll out programme is being undertaken by Airwave mmO$_2$ Ltd (formally BT Quadrant).

Known as Airwave the Service will be available to the following organisations:

- **The Police, Fire and Ambulance Services**
- **British Transport Police**
- **Community Health Trusts**
- **Parts of the MoD, Army and RAF**
- **Air and mountain rescue services**
- **Royal Parks Police.**

The overall management of the Project is the responsibility of the Police Information Technology Organisation within the Home Office. The network infrastructure for the Service will be built, owned and operated by Airwave mmO$_2$ Ltd, under licence from the Home Office.

The Airwave Service will not be available for use by members of the general public. The project has national significance in terms of its role in improving the speed and effectiveness of Police communications and other emergency services that utilise the system. This is a strong material consideration in respect of Airwave developments and as such the Service should be seen as distinct from public telecommunications systems.

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Proposed Development

The Site

The application site is located directly to the east of Henley on Thames. It is to the east of the river Thames and to the east of an area of woodland called Remenham Wood. Access is via the A4130 and then north along Remenham Church Lane.

The site is situated along the eastside of Remenham Church Lane. There is currently an earth bank running along this road and the proposed site. Access will be along the existing farm track. Mr. T. Copas owns White Hill Farm and the site is within the farms curtilage. Some of the farm outbuildings are used as a number of small industrial units and the site will be within an area of wasteland along side these.

The site is also within a designated Green Belt.

The application site covers the land required for the proposed telecommunications development and its associated infrastructure including equipment housing and access.

The Proposal

In the design of telecommunications installations regard is given to technical, engineering, environmental and land use planning considerations.

The principal components of the proposed development, as outlined on the submitted forms, and general layout of the proposed telecommunication infrastructure are illustrated on the attached site layout plan and elevations (Drawing Nos. 98036/TYV002/GFTVP38 –02 Rev C, 02 Rev D, 04 Rev B, 05 Rev B and 06 Rev B).

The proposed development consists of a temporary twenty metre 'Ali-fabs' guyed monopole with 3 directional four-stack dipole antennas. An associated 'Malcoe' equipment cabin on timbers members measuring some 2.8m by 2.8m is to be sited to the north as is a 'Titan Fuel Master'. The proposed mast would be at a height of twenty meters to clear the existing trees opposite the site.

This application seeks permission for the temporary installation of the above outlined equipment for a maximum period of two years. This is to provide emergency coverage for the Airwave Service within Henley on Thames town centre and allow adequate time for a permanent site to be located and developed in consultation with Local Planning Authority.

The siting of the temporary mast has been proposed at this location in order to minimise its visual impact. The trees and existing earth embankment to the south of the site will provide screening to the mast when viewed from Church Lane. The light industrial units to the north-east will provide screening to the compound and the lower sections of the mast. We will also provide additional screening to the installation by the introduction of a landscaping scheme to the south and west of the site.

The use of a guyed monopole mast has been designed to minimise the visual impact of the development within the landscape and to minimise the impact of the structure against the skyline.

Included within the proposal is provision for landscape planting of Ash trees to the south and west of the site boundary. This will provide a visual buffer between the development and the surrounding area.

Planning Policy

National Guidance

Planning guidance on telecommunications in England is currently contained in two main documents. These are:

- Planning Policy Guidance Note 8 (PPG 8) 'Telecommunications'(August 2001);
- The Code of Best Practice on Telecommunications Prior Approval Procedures

The Government's general policy on telecommunications is to facilitate the growth of new and existing systems, whilst at the same time protecting the environment.

In respect of development within Green Belts paragraph 17 of PPG 8 states: -

'In Green Belts, telecommunications development is likely to be inappropriate unless it maintains openness. Inappropriate development may proceed only if very special circumstances are demonstrated which outweigh the degree of harm to the Green Belt. The lack of a suitable alternative site that would meet he needs of the network coverage or capacity might be considered as very special circumstance'.

Local Planning Policies

In considering the design and siting of the proposal full regard has been given to local planning policies and guidance.

The deposit draft issue 200 policy WIC14 states relates to telecommunication policy and indicates that any development should be in accordance with TC1 of the Berkshire Structure Plan 1991 – 2006. TC1 confirms that: -

'Planning will normally be granted for telecommunication development. Where there is potential conflict with environmental objectives telecommunications development will be allowed provided:

i) it is sited and designed so as not to result in significant adverse visual impact, subject to operational and technical requirements;
ii) there are no satisfactory alternative sites for telecommunications available;
iii) there is no reasonable possibility of sharing existing facilities; and
iv) in the case of radio antenna and mast there is no reasonable possibility or erecting antennae on an existing building or other structure.

The proposed installation at White Hill Farm takes consideration of both National Guidance and Local Planning Policy. With regard to TC1: -

i) the chosen construction of installation was decided upon to minimise any visual impact to the surrounding area.
ii) Care has been taken to try and find more suitable alternative however, this is site considered the best in terms of location, access and visual amenity.
iii) Attempts were made to share the existing CCI mast, however this was not possible, therefore this site at White Hill Farm is considered the best option. (Further information has been given regarding this below.)
iv) Thorough investigation into the area could not identify any suitable existing buildings or other structures on which to install the equipment.

Assessment of Need

Methodology

As noted earlier, the Public Safety Radio Communications Project (PSRCP) is a national project, overseen by the Home Office, to provide a new communications infrastructure for the Police and other emergency services. The PSRCP will replace the existing UHF/VHF police radio equipment with the latest digital trunk radio system chosen by the Home Office, which is known as TETRA, short for TErrestrial Trunked Radio. The TETRA system allows for communication compatibility between geographically and operationally diverse sets of users and is already proven in Europe, including Germany, Holland and Finland.

TETRA supports a very high data transmission rate that will provide considerably improved mobile data transmission compared with existing systems. It supports simultaneous transmission of voice and data, enabling a user to talk over the radio with another user, whilst also sending them a data message, picture or report. For example, services could send status updates, text transmissions and allow access to IT databases. It will not only do this faster and allow for higher capacity but will support image transfer, fingerprints, maps and pictures to be sent to and from mobile users.

The impacts and benefits of the PSRCP are obviously immense, as the system is introduced area by area over the next five years. For each police force, the facilities of the PSRCP will lead to significant changes in operational strategy. This will result from the ability of patrolling officers to have direct and immediate access to IT databases together with their ability to send this and other information to third parties, even whilst crossing geographical and other boundaries.

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Airwave mmO$_2$ Ltd has identified a need for the proposed development on the basis of an assessment of the network requirements to provide the required level of coverage for the Police and other public safety organisations.

This assessment of need has involved analysis of the following criteria:

1. Coverage – The contract to provide the Airwave Service was awarded in 2000. With the existing frequencies for the emergency services to be phased out by 2005 it is important that the Airwave Services provides nearly 100 percent coverage within this timescale.

2. Quality – In order to ensure a high quality of reception, the radio signal should be of sufficient strength to provide in-building coverage. Radio base stations are relatively low-powered devices communicating with low-powered handsets and can only cover limited geographical areas.

3. Capacity – The coverage for the PSRCP network will be provided through a series of radio base stations, each with a certain cell coverage area. A number of factors, notably local topography and the availability of suitable sites, will determine the size of each cell area.

There is a need to provide an efficient distribution of sites to avoid the signals between sites, using the same frequency, causing interference with one another. The operators' radio engineers produce plans that indicate the optimum site location (the cell centre) and its coverage area. Only a small degree of tolerance is acceptable to provide the coverage required to avoid interference with adjoining cells. The radio parameters for any site can also be influenced by local topographical factors and clutter caused by trees or tall buildings.

Within this cell area adequate radio coverage cannot be achieved. Given this, public safety bodies using the system will experience a number of deficiencies including;

- in building radio coverage will not be obtained;
- within the area services will be unable to obtain a link to a base station and will be unable to transmit or receive messages;
- services passing through the area using telecommunications equipment will be cut off, which is known as "drop out".

The installation the subject of this application will, in conjunction with adjoining cells address this coverage shortfall.

Airwave will attempt to follow this application with radio coverage plots, these demonstrate the need for a base station at the above site. This plot is a computerised radio coverage prediction chart. The plots are very precise and their accuracy is constantly confirmed by the use of mobile towers and drive around radio surveys.

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Consideration of Alternatives

Methodology

In assessing potential locations the following considerations have been taken into account.

1. Planning – Every effort is made to ensure that the most suitable site is identified in terms of its planning characteristics. In identifying potential sites consideration is given to the location of sensitive receptors, adjoining land use designations and the availability of effective screening measures. These considerations are however balanced by the technical requirements and the land availability issues identified below.

2. The radio implication of the site – The transfer of radio signals and data along the telecommunication networks can be provided through two alternatives; microwave antenna and fibre-optic links. With microwave antenna a 'line of sight' has to be established and protected between associated infrastructures, if this is disrupted so is the network service. To achieve an uninterrupted line of sight the installation must reach a sufficient height above surrounding buildings and trees. The installation must also be in a position to provide good in-building radio coverage to the target area.

3. Land availability – The site is dependent upon landowners' willingness to see their property used for this purpose.

APT-Marconi has undertaken an assessment of potential sites within the search area identified by the attached radio coverage plots prepared by the network planners. This assessment was undertaken through analysis of Ordnance Survey maps of the local area, a site visit and local landowners.

Site Specific Alternatives Considered

Other site investigated included:

CCI Mast 140855 – Templecombe Farm, White Hill

This existing 45-metre mast is owned by Crown Castle International (CCI) and shared with a number of telecommunication operators. Orange, One2One, BTCellnet and Vodafone all have equipment on this mast. Airwave has applied to share this mast but CCI have been unsuccessful in being able to accommodate them at the high that they can operate from. Airwave need to have their equipment at a minimum of 10m on the tower to allow them to operate, unfortunately CCI were only able to offer the height of 8m, which is too low for Airwave and would not meet the police's coverage requirements. A copy of the offer letter from CCI has been enclosed.

The site subject of this application was the only site that met the required criteria for this cell.

The proposed site is the most favourable option for Airwave other than the CCI mast. The chosen site is suitable for telecommunication mast as it has adequate screening from the existing trees at Remenham Wood and also the existing building in and around White Hill Farm. In addition and as part of the proposed scheme, a

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number of ash trees are to be planted on the south and west facing sides of the compound. This is to provide additional screening from Church Lane and to the west of the proposed site.

Health and Safety

In response to the growing concern related to the health implications of exposure to electromagnetic fields (EMFs) the Government asked its statutory advisors on radiological protection (the National Radiological Protection Board (NRPB)) to establish the Independent Expert Group on Mobile Phones (IEGMP). This Group considered the concerns about the health effects from the use of mobile phones, base stations and transmitters. Its report (also known as the Stewart Report) was published in May 2000. It concluded that:

"***the balance of evidence indicates that there is no general risk to the health of people living near to base stations on the basis that exposures are expected to be small fractions of the guidelines***".

The report by the IEGMP also raised some issues regarding the pulsed frequency which TETRA handsets operate on. The National Radiological Protection Board (NRPB) was therefore requested by the Government to provide advice on any implications for the health of TETRA users and others who may be exposed to its radio signals. The findings of this study were presented in "Possible Health Effects from Terrestrial Trunked Radio (TETRA)" (Documents of the NRPB Volume 12, No.2, 2001), and concluded that:

"It is notable that the signals from TETRA base stations are not pulsed, whereas those from mobile terminals and repeaters are." ..... "current evidence suggests that it is unlikely that the special features of the signals from TETRA mobile terminals and repeaters pose a hazard to health."

It is the Government's view that if a proposed development meets the International Commission on Non-Ionising Radiation Protection (ICNIRP:1998) guidelines, as recommended by the Stewart Report on a precautionary basis, it should not be necessary for a planning authority, in processing an application, to consider health effects further. This is emphasised in Paragraph 30 of PPG8.

The EU Recommendation is based on ICNIRP (1998) guidelines for limiting general public exposure to electromagnetic fields (radio waves). ICNIRP (1998) guidelines apply a 50-fold safety margin for continuous exposure of the general public to electromagnetic fields, providing a conservative public exposure guideline set at 2% of the level where replicated biological effects have actually been observed.

Airwave mmO$_2$ Ltd will, as a minimum, build base station sites to comply with the ICNIRP (1998) general public exposure guidelines in areas where the public spend a significant amount of time. These areas are those locations where antennas are accessible to the public without the use of climbing aids such as ladders, crossing barriers or other access controls.

Nature of radio waves

As one moves away from the antenna, the strength of the radio wave falls off very rapidly. As the strength of the radio wave decreases, so does the exposure level. It is important to note that masts or other support structures do not emit radio waves.

Accordingly, there are points in space, around the antennas, where the maximum level just meets the ICNIRP (1998) general public exposure guidelines. These points define a volume within which there is the potential to exceed the ICNIRP (1998) general public exposure guidelines. This volume is referred to as the "***EU Zone***" or "***ICNIRP Public Zone***" and public access is physically restricted to these areas. . However access to the areas where ICNIRP (1998) public exposure guidelines may be exceeded will be restricted and warning signs will be displayed.

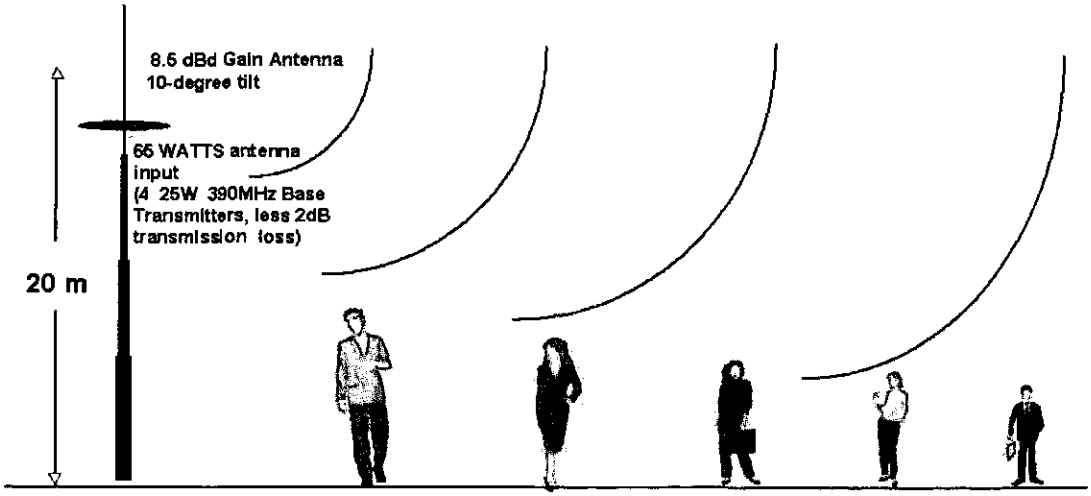
Compliance overview
When compared to the ICNIRP (1998) public exposure guidelines, the typical power densities from a base station encountered at ground level are never likely to exceed a value which is a hundred times lower than the recommended maximum. In reality, this condition rarely exists and therefore, the actual antenna loading of the installation will be less than that calculated from the theoretical maximum antenna loading.

This supporting statement includes a signed certificate of conformity confirming that the proposed development is within the established international guidelines.

The proposed base station will operate within the 380-400MHz range. Modulation characteristics are Time Divisng Multiple Access (TDMA) QPSK. The power output is 25 Watt per carrier

The schematic below illustrates the typical power densities encountered at ground level and expresses this in relation to ICNIRP public exposure guidelines.

Typical Tetra Base Station Site - Calculated Ground Level Exposures



Distance from tower	3 m	10 m	50 m	100 m	300 m
Power density*	0.00038	0.00020	0.00015	0.00055	0.000035
Number of times below safety standards**	525	1,015	1,370	365	5,700

* in milliwatts per square centimeter (mW/cm²). 1 milliwatt = 1/1000 Watt.
** ICNIRP standard for the general public = 0.2 mW/cm²

Conclusions

There is a requirement under the terms of its licence for Airwave mmO_2 Ltd to provide a full and effective network infrastructure for the Police Authorities. Network planners have identified a need for an installation at this location, which is demonstrated in the coverage plots included. The proposed development will address this need.

In accordance with PPG8 an assessment of the site and potential alternatives, including existing buildings, radio towers and other structures and locations, has been undertaken. The site was identified and assessed in conjunction with the operator and landowner and was the most appropriate site that met the required criteria for this cell.

The telecommunications infrastructure proposed as part of this application has been designed and sited, having regard to technical, engineering and land use planning considerations, in order to minimise its impact on the local environment. Accordingly, the proposed development is considered to conform with national and local planning policies and guidance.

The enclosed information from Airwave mmO_2 Ltd confirms that the proposed development will conform to both NRPB and ICNIRP (1998) guidelines in areas that are accessible to the public.

Report

αβ

22.FEB.2002* 5871

BTχδ Airwave Service

Guidance for Planning Authorities on Compliance with Safety Standards

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Introduction

This document aims to demonstrate that the Airwave Service, which utilises Terrestrial Trunked Radio (TETRA) technology, an open standard for digital private mobile radio approved by the European Telecommunications Standards Institute (ETSI) and used by Public Safety Organisations throughout Europe, meets the recommended requirements of the following independent health and safety organisations

- International Commission on Non-Ionising Radiation Protection (ICNIRP).
- National Radiological Protection Board (NRPB)

Aim of Service

At present police forces throughout the country run their own independent analogue radio systems. Many of these systems are old and in need of replacement. Many also have difficulty inter-operating with neighbouring forces.

A Home Office study into the future of Police radio communications concluded that there was a need for a project to plan the procurement of a modern nation-wide radio service for the Police which should also be available to other Public Safety Organisations. This became the Public Safety Radio Communications Project (PSRCP) which is now known as the Airwave Service.

The situation is further complicated by the fact that the Government by 2005 will withdraw the existing frequencies used by the emergency services for their radio systems. Therefore the emergency services will have to migrate to alternative systems before the frequencies are withdrawn.

The aim of this new digital service is to provide the modern, cohesive, nation-wide radio service primarily for the Police, but which will also be available to all other Public Safety Organisations as recommended by the Home Office study.

Health & Safety

The equipment will be operated in accordance with the NRPB and ICNIRP guidelines, which define the recommended levels of exposure to radio emissions. Appendix 1 includes a statement from BT Airwaves verifying this.

Methodology

Two methods of determination have been utilised to demonstrate that the Airwave system meets the requirements of the NRPB and ICNIRP

Test Method 1: Airwave radio transmitters are installed at sites in Lytham, St Anne's and Kirkham. Richard Eastoe of TSC Consulting Engineers undertook a radio emissions survey on the 4th April 2001 at the request of BT Airwaves.

It should be noted that this report describes the emissions from the Airwave installation and that no account of other operator's activities has been taken into consideration.

Test Method 2: Assuming a greenfield site at a height of 15 metres, computer software has been used to calculate the level of radio emissions at varying distances from a transmit antenna.

Test Method 1

1. Site location

Site A. Lytham St Anne's: The Airwave antenna system is mounted on a stub tower at a height of 20 metres, on the roof of the Telephone Exchange at 56 St. David's Road South.

Site B. Kirkham: The Airwave antenna system is mounted on a lattice tower at the height of 19.5 metres, in the grounds of the Police Station at Freckleton Street.

2. Test Equipment

The apparatus employed to collect the measurements at both locations were:

- Advantest Spectrum Analyser (Model U3641), Serial No. 73140397
- EMCO Balun Antenna

(The apparatus are calibrated at a frequency dictated by ISO9001.)

3. Methodology

The test consisted of exposing the balun antenna, at each sample location, to the local RF field and recording the maximum field strengths displayed by the spectrum analyser.

The test took note of the highest value of the three active carriers. This will enable the ultimate flux density level to be calculated for each of the sites.

All readings were taken with the spectrum analyser in 'peak hold' mode. The advantage of using the 'peak hold' option of the analyser is that maximum readings are captured over a period of time. This method can distort results, but only to the side of safety as the average radio power levels will be smaller.

Many of the results were recorded at high level using a cherry picker at both locations.

4. Sampling Points

Site A: The survey was split into two locations, as follows.

a. In the car park behind the telephone exchange

b. The opposite side of the main road to the telephone exchange

Site B: The survey was split into two locations, as follows.

a. In the car park

b. The opposite side of the road to the Police station

5. Results

The following tables show the results of the measured Power Flux Density (PFD) in Watts per square metre emitted from a 3 carrier omnidirectional antenna at various points. Demonstrating the measurements off typical antennae at normal power levels.

Site A : Lytham, St Anne's			
Location	**Emission Levels (W/Msq)**	**Number of times below ICNIRP guidelines (2W/Msq)**	**Number of times below NRPB guidelines (10W/Msq)**
18m from antennae at 20m AGL	0.025	80	400
25m from antennae at 20m AGL	0.0232	86	431
Ground level at corner of Warwick Road.	0.0031	645	3,225
Ground level at corner of Warwick Road.	0.000321	6230	31,152
Ground level 30m from antennae	0.00062	3225	16,121
Ground level 30m from antennae	0.0007	2857	14,285
Ground level outside hairdressers 35m from antennae	0.000409	5000	24,449

Site B : Kirkham			
Location	**Emission Levels (W/Msq)**	**Number of times below ICNIRP guidelines (2W/Msq)**	**Number of times below NRPB guidelines (10W/Msq)**
Corner of car park 15 m from tower and 2.5m AGL	0.0028	714	3,571
Corner of car park 15 m from tower and 2.5m AGL	0.0025	800	4,000
Ground level in public house car park	0.0024	833	4,100
Entrance to car park and 2.5m AGL	0.0018	1111	5,555
Ground level on opposite side of road level with edge of police station.	0.0014	1429	7,142

Test Method 2

1. Calculations

The following table shows the calculated Power Flux Density (PFD) in Watts per square metre emitted from a 4 carrier omnidirectional antenna at certain distances. Demonstrating the measurements off typical antennae at normal power levels.

It should be noted that for all calculations

- The point of measurement for all calculations is assumed to be at ground level.
- The inverse square rule is used. Therefore all calculations within the near field area (less than 13m from antenna) are overestimated and fall on the side of safety.

Distance from Antenna in Metres	Calculated Emission Levels (W/Msq)	Number of times below ICNIRP guidelines (2W/Msq)	Number of times below NRPB guidelines (10W/Msq)
5	0.0059	338	1694
10	0.0058	344	1724
13	0.0016	1250	6250
20	0.0020	1,000	5000
25	0.0041	487	2437
30	0.0036	555	2777

Summary

As indicated by the above results, the radio emissions are many times lower than the limits recommended by the ICNIRP and NRPB guidelines. This report therefore confirms that the BT Airwaves system complies with the standards applied by ICNIRP and the NRPB.

APPENDIX 1

BT Airwave Policy on RF Exposure Guidelines

As recommended by the report of the Independent Expert Group on Mobile Phones and accepted by Government, BT Airwave supports the move to international radio frequency (RF) wave exposure guidelines for limiting exposure of the general public, as a precautionary approach.

BT Airwave will operate Base Stations in accordance with both the National Radiological Protection Board (NRPB) and International Commission on Non-Ionizing Radiation Protection (ICNIRP) RF exposure guidelines. The ICNIRP guidelines are as expressed in the European Union Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz).

The operating frequency of the BT Airwave system is 380 – 400 MHz. The licensed base station carrier Equivalent Radiated Power (ERP) is approx. 48 dBm when used with an omnidirectional aerial and 52 dBm when used with a directional aerial. A base station may transmit up to 5 carriers. The modulation characteristic used is a combination of Time Division Multiple Access (TDMA) and linear modulation (Offset QPSK) as defined in the European Telecommunications Standards Institute (ETSI) TETRA specification.

RF field produced by the antenna

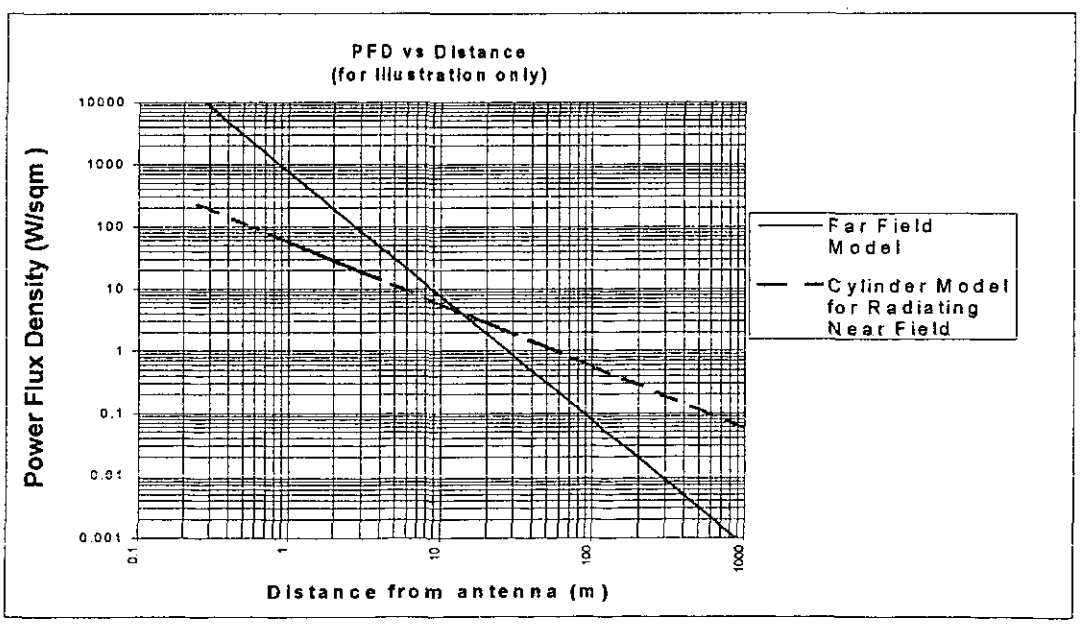
The limit distances are directly related to the power fed into the antenna. Basic equations for calculating these limits are given below.

There are three regions in the vicinity of antennas which require different approaches to calculation; these are the far-field, radiating near-field and the reactive near-field.

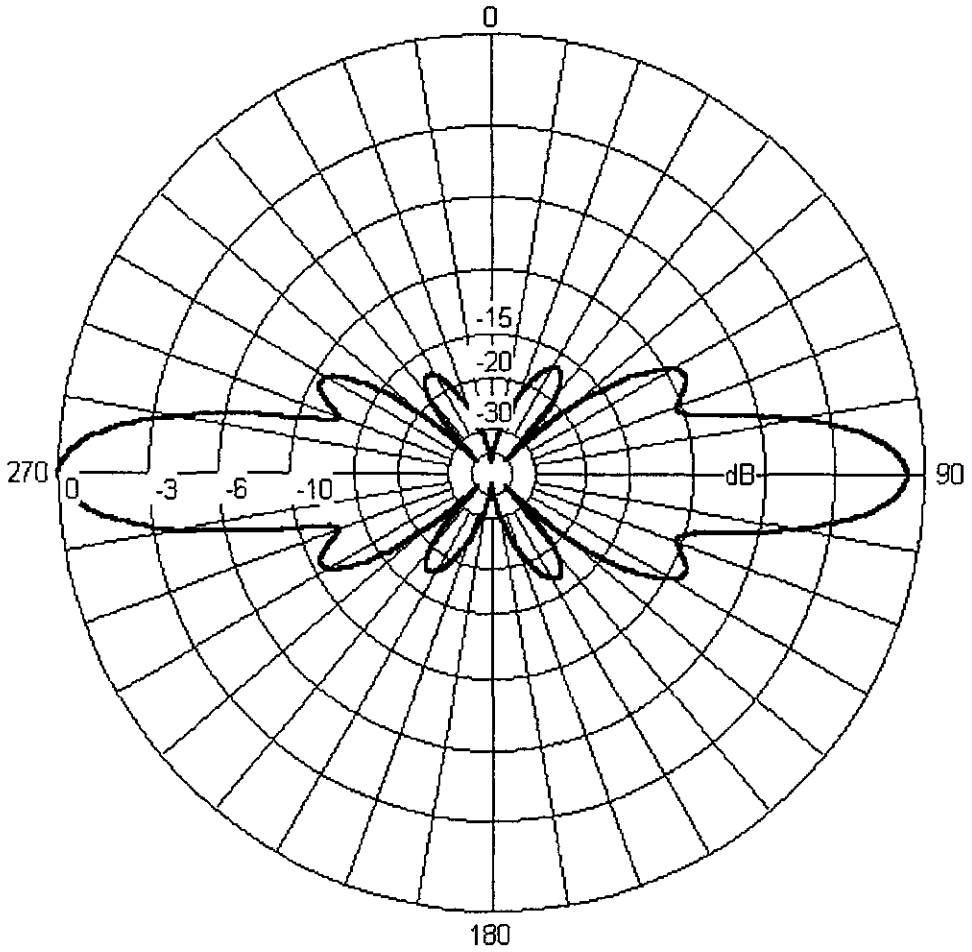
Traditionally, the far-field region begins at distances greater than *approximately* $2D^2/\lambda$ (the Rayleigh distance), where λ is the wavelength of the RF and D is the maximum dimension of the antenna (e.g. the height of a sectored panel). However, the field does not actually differ significantly from the far-field 'curve' until much closer to an antenna, say $0.6D^2/\lambda$ so, the far field equation may be used somewhat closer than the Rayleigh distance.

To account for the overlap between the calculated far-field and calculated radiating near-field the lower value of PFD calculated by the far field (section **Error! Reference source not found.**) and radiating near-field (section **Error! Reference source not found.**) equations may be used at any distance, see **Error! Reference source not found.**.

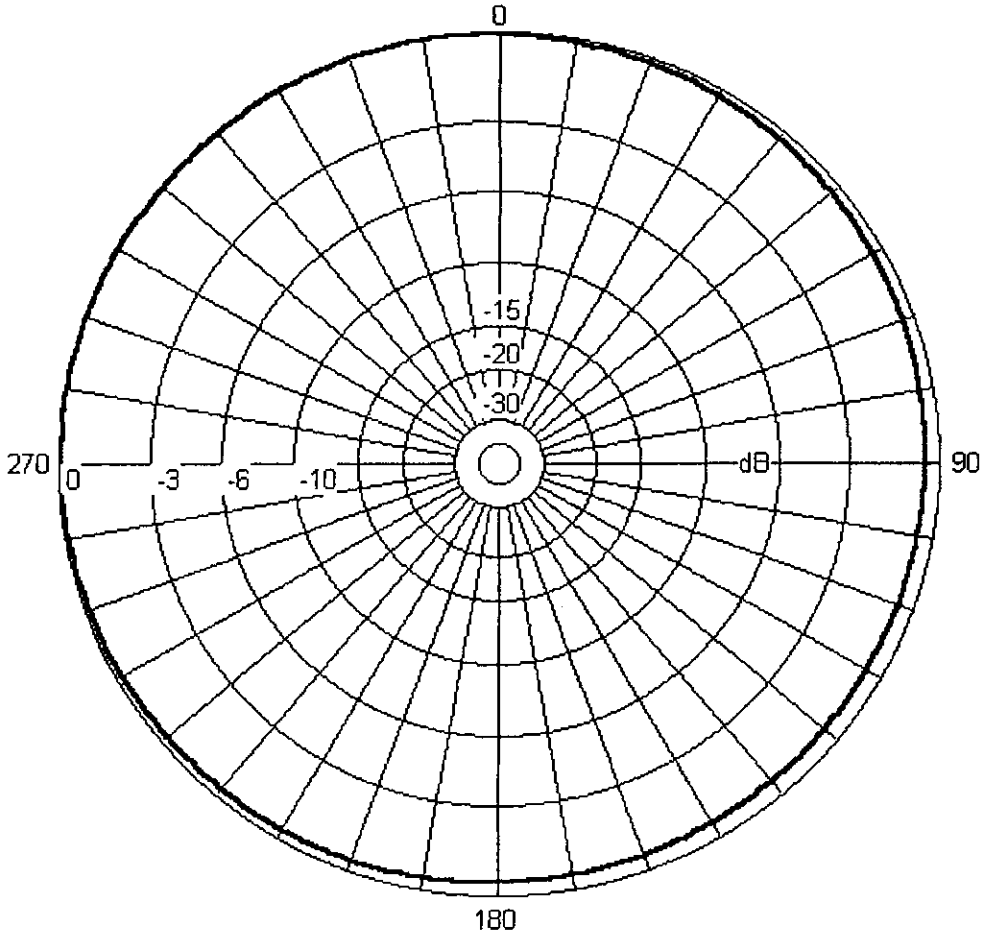
Figure 1 *Illustrating the cross-over between Far-Field and Radiating Near-Field 'Cylinder' Models*



SA400 T0. Stacked Dipole Array. No Downtilt.
Elevation Data. Shown for 400 MHz. Gain is 5 dBd.



SA400 T0. Stacked Dipole Array. No Downtilt.
Azimuth Data. Shown for 400 MHz. Gain is 5 dBd.



BTχδ *Airwave*

BT Airwave Statement on Health and the 17Hz 'Issue'

Health and safety is at the very heart of BT's ethos, we are very conscious of our responsibility to the public, customers, employees and the community. We take this responsibility very seriously.

BT and the UK government have people monitoring the issues around 'Wireless Health' and attending international conferences to keep abreast of the very latest research results. BT recognises the need for continuing, relevant and high-quality research, to ensure this issue is subject to the most up-to-date and rigorous scientific scrutiny. A precautionary approach means we should not assume that everything is known right now about the effects of mobile technology. We support and indeed, contribute to continuing research and welcome involvement in this important and evolving area. BT has committed to contributing our share toward funding the Government's £7.68 million radio frequency research programme as recommended by the Stewart Report.

Many theories continue to be proposed from a range of sources. At BT, we base our installation and development specifications on recommendations from The National Radiological Protection Board (NRPB), the expert body in the UK that advises on this subject and publishes guidelines for operators to follow. All Airwave sites operate within the relevant NRPB (UK) and International Commission on Non-Ionising Radiation Protection (ICNIRP) (public) guidelines and all sites typically operate at hundreds of times below the recommended exposure guidelines. The safety guidelines published by these experts are designed to protect everyone.

The NRPB gives a clear view that *"there is no convincing scientific evidence of a health risk to humans resulting from mobile phone use"*. Other international expert groups, such as the World Health Organisation (WHO) support this view.

We welcome the findings of the Independent Expert Group on Mobile Phones (IEGMP), which was commissioned by the Department of Health, under the chairmanship of Professor Sir William Stewart. This report stated that, as a precautionary measure, amplitude modulation around 16 Hz should be avoided, if possible, in future development of signal coding.

Airwave base stations emit a continuous signal, which is NOT amplitude modulated.

TETRA handsets use Time Division Multiple Access (TDMA) to enable up to four users to access a single TETRA radio channel simultaneously. It is this TDMA which produces a 'burst' of energy from the handset at the rate of 17.65 times per second.

The operating frequency of the BT Airwave system is 380 – 400 MHz. The modulation characteristic used is a combination of Time Division Multiple Access (TDMA) and phase modulation ($\pi/4$-DQPSK) as defined in the European Telecommunications Standards Institute (ETSI) TETRA specification, i.e. TETRA systems do not employ amplitude modulation.

I hope this information is helpful and provides suitable re-assurance on the health and safety aspects of the Airwave service.

Diane Kendall
Head of Communications BT Airwave

Issue 1. 4th July 2001

Received by Wokingham District Council

Application No: TP/2002/5871

Proposal:
Application for temporary permission to erect 20m high guyed monopole with equipment housing and access.

Location:
White Hill Farm, Remenham Church Lane, Remenham, .

The application is available for inspection at Wokingham District Council's *offices during the following times:*

PLANNING DEPARTMENT, SHUTE END, WOKINGHAM TEL (0118) 974 6428
8.30 - 5.00 Monday - Thursday & 8.30 - 4.00 Friday

WOODLEY LIBRARY HEADLEY ROAD WOODLEY 9.30am - 7.00pm Mon, Thurs & Fri. 9.30am - 5.00pm Tues, 9.30am - 1.00pm Saturday and 1.00pm - 4.00pm Sunday. Library closed all day Wednesday. If you intend to view this application at Woodley Library please allow 4 days from the date of this letter for delivery of plans and remember to quote application number TP/2002/5871 to enable the library staff to locate the correct information.

Comments should be sent in writing QUOTING THE APPLICATION NUMBER to the Case Officer Heidi Lynch P.O. Box 157 Council Offices, Shute End, Wokingham Berkshire, RG40 1WR to arrive on or before 25/03/2002. Written comments submitted will become available for public inspection.

In view of the very large number of planning applications and letters of comment received, it will not be possible for an individual reply to be issued to observations made. However any comments will be taken into account when the application is determined and you will be notified of the decision.

Head Planning and Transportation

04 March 2002

ADDITIONAL NEIGHBOUR CONSULTATION SHEET

APPLICATION NUMBER: TP/2002/5871
CASE OFFICER: Heidi Lynch

ADDRESS OF ADDITIONAL NEIGHBOUR CONSULTATION	NUMBER OF DAYS FOR RESPONSE	DATE LETTER ISSUED (for Admin use)

Application Number : TP/2002/5871	**Map No :** 8
Case Officer : HL	**Site Area :** 0.02.
Valid Date : 22 FEB 2002	**Received Date: 11/02/2002**

Level : Delegated Application

Description : Application for temporary permission to erect 20m high guyed *monopole with equipment housing and access.*

Location : White Hill Farm, Remenham Church Lane, Remenham, .

Parish : RE **Ward : REM** 4/3/02 B.

Applicant : Airwave Mm02 Ltd C/O A P T Marconi.

Fee Required: £190 **Fee Received: £190**

Additional: ..... or Refund: .....

Enforcement Section to be notified ☐ (tick if required)

Additional information required for validation;

REASON	NOTES	DATE REQ	DATE RECD
LOCATION PLANS	Red line to include access to highway	phoned 20/2	22/2
BLOCK PLANS			
FORMS UNSIGNED			
S.66 MISSING/INCORRECT/ UNSIGNED			
ELEVATION PLANS	S. elevation of cabin.	to follow	22/2
FLOOR PLANS			
NO SCALE OR SCALE IS IMPERIAL			
ENCROACHMENT LETTER REQUIRED			
OTHER			

Is the site in a Conservation Area: ☐ Yes ☐ No If "Yes" which one _____

Is the site a Listed Building: ☐ Yes ☐ No

Is a Statutory Advertisement required: ☐ Yes ☐ No

INTERNAL CONSULTATIONS 4/3/02 →

Building Control

Heritage (Harold Sanders)

Landscape — Area of Special Landscape Importance

Trees — New tree planting.

Environmental Health ✓

Housing

Leisure & Cultural Services

Public Rights of Way Officer

Property

Policy & Plans — Use of agricultural land.

Joint Strategic Planning Unit

Archaeological Officer (BABTIE)

Education

Social Services

Highways

Minerals — reduction of existing earth bank

EXTERNAL CONSULTATIONS

Adjacent DPA : _____

Adjacent Parish : _____

SEB

British Gas

Oil pipeline

Transco

Environment Agency ✓ — Groundwater Protection Zones 2 & 3

Railtrack — Reduction of earth bank to accommodate compound

Police Arch Officer

HERITAGE BODIES

Victorian Society
The Georgian Group
Ancient Monuments Society
Council for British Arch
RCHME
NRPB (Telecommunications)
Sport England
Society for Proct' of Ancient Bldgs
English Heritage

OTHERS

.....

(Green Belt)

.....

.....

.....

.....

.....

NEIGHBOURS

.....

S/N + See map

+ attached list of names & addresses.

No pre-apps.

Applicationo	Name & Address
F/2001/4807	F. Baythorpe Foxhaven Remenham Church Lane REMENHAM RG9 3EX
F/2001/4807	Brian W. McLaughlin Whitewoods Church Lane REMENHAM RG9 3EX
F/2001/4807	Stewart Till Remenham Place Remenham Hill HENLEY-ON-THAMES RG9 3EU
F/2001/4807	Louise Binney The Old School House REMENHAM RG9 3DD
F/2001/4807	Francis Burley – Parish Clerk Remenham Parish Council Stablehouse Barn Remenham Hill HENLEY-ON-THAMES RG9 3HN
F/2001/4807	M.R. Dudley The Reach Remenham Lane HENLEY-ON-THAMES RG9 3DD
F/2001/4807	Richard Murdoch Woodside Farmhouse Church Lane REMENHAM RG9 3EX
F/2001/4807	Mary Nelson 34 Farncombe Hill Farncombe GODALMING Surrey GU7 2AU
F/2001/4807	D H Fraser Dramham Cottage Remenham Lane Henley On Thames Oxon RG9 2LR

F/2001/4807	David D. Law Barnside Cottage 107 Remenham Lane HENLEY-ON-THAMES RG9 3DB
F/2001/4807	Mr & Mrs. M. L. Jones Remenham Place Bungalow Remenham Place Remenham Hhill HENLEY-ON-THAMES RG9 3EU
F/2001/4807	Suri Paulos The Glade Remenham Piece Remenham Hill HENLEY-ON-THAMES RG9 3ET
F/2001/4807	David A. Morgan The Old Bakery Aston Lane Remenham Hill HENLEY-ON-THAMES RG9 3EJ
F/2001/4807	Mrs. Joanna Morgan The Old Bakery Aston Lane Remenham Hill HENLEY-ON-THAMES RG9 3EJ
F/2001/4807	Heather Lee Beech View Remenham Church Lane REMENHAM RG9 3EX
F/2001/4807	Tim Smee The Dairy House Remenahm Hill HENLEY-ON-THAMES RG9 3HN
F/2001/4807	Gini Forrester Hectorage Remenham Hill HENLEY-ON-THAMES RG9 3EP
Application Refused.	Letters sent 15/11/01

Applicationo	Name & Address
F/2001/4807	R.V. Emerson The Reeds Remenham Lane HENLEY-ON-THAMES RG9 3DA
Application Refused	Letter sent 15/11/01

WOKINGHAM UNITARY
Aiming for Excellence

5871

A·P·T
A Marconi company
Southmere Court, Electra Way, Crewe, Cheshire CW1 6GU
Telephone: (01270) 535500 Fax: (01270) 535501
Web Site: www.aptelecom.com

22 FEB 2002* 5871

The Chief Planning Officer,
Wokingham District Council,
Planning Department,
PO BOX No. 157,
Council Offices,
Shute End,
Wokingham,
Berkshire,
RG40 1WR

Our Ref: TVY002(B)
Date: 8 February 2002

Dear Sir /Madam,

Re: PLANNING APPLICATION FOR THE PROPOSAL TO ERECT A TEMPORARY 20 M GUYED MONOPLOE AND ASSOCIATED INFRASTRUCTURE INCLUDING EQUIPMENT HOUSING AND ACCESS AT WHITE HILL FARM, CHURCH LANE, REMENHAM, HENLEY-ON-THAMES, BERKSHIRE, RG9 3EX

Airwave mmO2 Ltd is a Telecommunication Code System Operator licensed by the Department of Trade and Industry under the Telecommunication Act 1984 to provide a public cellular radio telecommunication network within the United Kingdom. Please find enclosed an application for planning permission and a supporting statement for the above development.

The planning application comprises the requisite number of application forms; planning drawings including a location plan, site layout plan and elevations; and supporting information together with the correct fee.

We trust that the information contained is sufficient for you to favourably determine the application, however should you require any further information please do not hesitate in contacting the undersigned.

Yours faithfully,

RA Cooke

Richard Cooke
For and on Behalf of Airwave mmO2 Ltd
Direct Line: 01270 535517
E-mail: richard.cooke@marconi.com

FULL PLANNING APPLICATION AND SUPPORTING STATEMENT

RE: WHITE HILL FARM
OUR REF: TVP002(B)

(Please quote above reference number in all communications)

February 8th 2002

Airwave mmO$_2$ Ltd
5 Longwalk Road
Stockley Park
East Uxbridge
Middlesex UB11 1TT

APT Marconi
Registration No. 03049168
Registered Office: New Century Park, P.O. Box 53, Coventry, CV3 1HJ
VAT Registered. - 528941616

QUALITY CONTROL SHEET (for internal use only)

Project:	Airwave mmO2
Title:	Planning Application and Supporting Statement
Site Name:	White Hill Farm
Reference:	TVP002
Version:	1.0
Date:	January 2002

APT Author: Mr R. Cooke **APT Planning Officer**	**Signed**:	**Date**:
Reviewed: Mike Bottomley **APT Senior Planner**	**Signed**:	**Date**:
Approved:	**Signed**:	**Date**:

22.FEB.2002* 5871

CONTENTS

Section

- Application Forms and Certificates
- Proposed Development
- Planning Policy
- Consideration of Alternatives
- Assessment of Need
- Health and Safety
- Conclusion

Drawing/ Plan No

- Site Location Plan
- Layout Plan
- Elevation drawing (north, south, east and west)

Appendix

- Cell search area
- Radio Coverage Plots as existing
- Radio Coverage Plots for proposed site
- Radio Coverage Plots for alternative sites identified and investigated
- Confirmation of compliance with ICNIRP
- Licence Notification letter

A·P·T 22.FEB.2002* 5871

WITH COMPLIMENTS

Dear Sir/Madam

Coverage Plots To Follow

kind regards, R. A. Cooke

1933

ADDRESS REMENHAM TOP FARM – WHITE HILL FARM
REMENHAM CHURCH LANE PARISH REMENHAM

PLOT No. ORD. SHEET No. SU. 7283(5)

BUILDER

Plan No.	Applicant	Description of Development	Date of Decision	Decision
1067/57	MR. N. QUICK	O/L. RES. DEV.	4.3.58	REF
96/63475/TEM	COPAS BROS	C/O/USE OF AGR. BUILDINGS TO STORAGE.	19.11.96	CIA
97/67128/T	"	CONT. USE OF AGR. BLDGS FOR STORAGE	30.12.98	TP
VAR/2000/1776	"	Prop. var. to cond. 2 of 67128/T to amend named user	5.9.00	APP
F/2001/4807	BT Quadrant	Erect 20m. high lattice mast complete with 3 cross polar antennas & 2 dish antennas with radio equip cabin	13/11/01	REF
TP/2002/5871	Airwave	erect 20m high monopole with equip housing + Access		

MINISTRY DECISION

SPECIAL ORDERS AGREEMENT SIGNED – 29.8.97 – RE 96/63475/TEM.

1789/a

SECTION 66 CERTIFICATE

Application No.

Please fill in both Certificate A, B, C or D and the Agricultural Holdings Certificate. Delete sections not relevant.

(a) "Owner" means a person having a freehold interest or leasehold interest the unexpired term of which is not less than 7 years.

OR

+ See Note (a) to Certificate A

OR

(b) Insert description of steps taken.

(c) Name of local newspaper circulating in the area where the land is situated.

(d) Date of publication (which must be not earlier than the beginning of the period of 21 days ending with the date of the application).

~~CERTIFICATE A~~ 22.FEB.2002* 5871

I certify that:

at the beginning of the period of 21 ~~days~~ ending with the date of the accompanying application, nobody, except the ~~applicant~~, was the owner of (a) of any part of the land to which the application relates.

CERTIFICATE B

I certify that:

I have/~~The applicant~~ has* given the required notice to everyone else who, at the beginning of the period of 21 days ending with the date of the accompanying application was the owner (a) of any part of the land to which the application relates, as listed below.

Owner's(a) name	Address at which notice was served	Date on which notice was served
MR TOM COPAS	COPAS PARTNERSHIP KING COPPICE FARM, GRUBWOOD LANE, COOKHAM, MAIDENHEAD, SL6 9UB	8/02/02

CERTIFICATE C

I certify that

- I/The applicant* cannot issued a certificate in accordance with either paragraph (a) or paragraph (b) of Section 66(1) of the Act in respect of the accompanying application.

- I have/The applicant has* given the required notice to the persons specified below, being persons who at the beginning of the period of 21 days ending with the date of the application were owners (a) of any part of the land to which the application relates.

Owner's(a) name	Address at which notice was served	Date on which notice was served

- I have/The applicant has* taken all reasonable steps open to me/him/her* to find out the names and addresses of the other owners (a) of the land, or of a part of it, but have/has* been unable to do so. These steps were as follows:

  (b) .....

  .....

- Notice of the application as attached to this Certificate, has been published in

  the (c) .....

  on (d) .....

1789/b

CERTIFICATE D

I certify that

● I/The applicant cannot issue a certificate in accordance with paragraph (a) of Section 66 of the Act in respect of the accompanying application.

OR

● I/The applicant have/has taken all reasonable steps open to me/him/her to find out the names and addresses of everyone else who, at the beginning of the period of 21 days beginning with the date of application was the owner (a) of any part of the land to which the application relates, but have/has been unable to do so. These steps were as follows:

(b) . . . . . .

. . . . . .

(b) Insert description of steps taken

(c) Insert name of local newspaper circulating in the area where the land is situated.

(d) Insert date of publication (which must not be earlier than the beginning of the period of 21 days ending with the date of the application).

● Notice of the application as attached to this Certificate, has been published in the (c) . . . . . .

on (d) . . . . . .

ALL APPLICANTS MUST COMPLETE THIS SECTION

If any of the site is part of an area of land which is let or there is an agreement to let the land for agricultural purposes to a tenant, it may be an agricultural holding. Further advice may be obtained from the Department.

Agricultural Holdings Certificate

One or other section must be crossed through as not applicable.

If the applicant is the sole agricultural tenant he or she must delete the first alternative and insert "not applicable" as the information required by the second alternative.

● None of the land to which the application relates is, ~~or is part of,~~ an agricultural holding.

OR

● I have/The applicant has given the required notice to every person other than my/him/herself who, at the beginning of the period of 21 days ending with the date of the application, was a tenant of an agricultural holding on all or part of the land to which the application relates, as follows:

Tenant's name	Address at which notice was served	Date on which notice was served
MR. Tom COPAS	COPAS PARTNERSHIP KING COPPICE FARM GRUBWOOD LANE, COOKHAM, MAIDENHEAD, SL6 9UB	8/02/02

Signed . . . R A Cooke . . . . . .

On behalf of . . . AIRWAVE MMO 2 LTD . . . . .

Date . . . 8/02/02 . . . . . .

TOWN AND COUNTRY PLANNING ACT, 1990
TOWN & COUNTRY PLANNING GENERAL DEVELOPMENT ORDER 1988
Certificate under Section 66

1769a

WOKINGHAM DISTRICT COUNCIL
PLANNING APPLICATION

PART 1

APPLICATION FOR PERMISSION TO CARRY OUT DEVELOPMENT - TOWN AND COUNTRY PLANNING ACTS

Please answer **ALL QUESTIONS** in **BLOCK LETTERS**. If a question is not applicable, answer **N/A** in space. Please submit **SIX** copies of this form and plans to:-

THE DISTRICT PLANNING OFFICER
WOKINGHAM DISTRICT COUNCIL
PLANNING DEPARTMENT
P O Box No. 157
COUNCIL OFFICES
SHUTE END
WOKINGHAM
BERKSHIRE, RG40 1WR

FOR OFFICE USE ONLY 22.FEB.2002* 5871

1.	**APPLICANT'S NAME**	AIRWAVE MMO2 LTD, 5 LONGWALK ROA
	ADDRESS	STOCKLEY PARK, EAST UXBRIDGE, MIDDLESEX
	POST CODE	UB11 1TT **PHONE**
2. If the applicant has an agent, all correspondence will be sent to the agent	**AGENT'S NAME**	APT MARCONI (MR. R. A. COOKE)
	ADDRESS	UNIT C, SOUTHMERE COURT, ELECTRA WAY CREWE, CHESHIRE
	POST CODE	CW1 6GU **PHONE** 01270 535517
3. On the plans show the SITE outlined in RED Show also OTHER land in the applicant's ownership or control in BLUE.	**SITE LOCATION**	WHITE HILL FARM, CHURCH LANE, REMENHA HENLEY-ON-THAMES, BERKSHIRE
4. WHAT IS THE APPLICATION FOR ? Give brief details and state for what purpose this site and any buildings will be used.		PROPOSED DEVELOPMENT COMPRISES OF A TEMPORARY 20M GUYED MONOPOLE AND ASSOCIATED INFRASTRUCTURE INCL. EQUIPMENT HOUSING AND ACCESS
5. Give the area in hectares or part of a hectare	**AREA OF SITE**	0.0225
6. State the applicant's interest in the land e.g. owner, prospective purchaser, lessee	**OWNERSHIP**	PROSPECTIVE LESSEE
7. List all the plans and drawings submitted with the application	**PLANS/DRAWINGS**	98036/TV4/GFTV4-01, GFTV438-02 REV C -02 REV D, GFTV438-04, -05, -06

8. DOES THE APPLICATION INVOLVE ANY OF THE FOLLOWING ?
Tick the boxes(x)

CHANGE OF USE	☑	**REDEVELOPMENT**	☐
ERECTION OF NEW BUILDING	☑	**ALTERATION or EXTENSION**	☐

9. WHAT TYPE OF APPLICATION IS THIS ?
Tick one box only

OUTLINE PERMISSION	☐	**See question 10**	
FULL PERMISSION	☐		
APPROVAL OF DETAILS/RESERVED MATTERS	☐	**State relevant outline permission number Also complete Question 10**	
TEMPORARY PERMISSION	☑	**State period required**	2 YRS
RELAXATION OF CONDITIONS	☐	**State relevant application number Conditions to be relaxed**	

10. IF THIS IS AN OUTLINE APPLICATION OR AN APPROVAL OF RESERVED MATTERS, which details, if any, do you wish to be considered as part of this application ?

		SITING	☐
EXTERNAL APPEARANCE	☐	**DESIGN**	☐
MEANS OF ACCESS	☐	**LANDSCAPING**	☐

1769b

11. WHAT IS THE EXISTING USE OF THE LAND AND/OR BUILDING(S) e.g. residential, industrial, etc. If the site is vacant say so, and also state its previous use and when that ceased.

PART OF WHITE HILL FARM FARMLAND (GRAZING)

12. DOES A PUBLIC RIGHT OF WAY CROSS OR ABUT THE SITE OR THE PROPOSED ACCESS?

~~YES~~/NO

If yes, show existing route(s) and any proposed alternatives on the plans

13. ARE THERE ANY TREES ON THE SITE? IF YES, ARE ANY TO BE FELLED?

~~YES~~/NO

If yes, please show their positions, spread and species on the plans and which, if any, are to be felled.

14. STATE EXTERNAL MATERIALS TO BE USED.

ALI-FAB TEMPORARY MONOPOLE
TEMPORARY PRE-FABRICATED GREY PLASTIC COATED METAL CABIN ON TIMBER MEMBERS GALVANISED GENERATOR AND FUEL STORAGE TANK.

15. HOW WILL THE SITE BE ENCLOSED? Say whether walls, fences or hedges, and give height, colour and materials. If the site is divided into plots, say how each is to be enclosed.

TEMPORARY FENCE WITH TWO ROWS OF BARBED WIRE WILL ENCLOSE THE DEMISE

16. HOW WILL SURFACE WATER BE DISPOSED OF?

VIA SOAKAWAYS AND EXISTING DRAINAGE

17. HOW WILL FOUL SEWAGE BE DISPOSED OF?

To existing system YES/NO

If no, please give details

18. WHAT ARE THE ACCESS ARRANGEMENTS?
AS EXISTING
AS PROPOSED
Give details of pedestrian and vehicular access

THE PROPOSAL CONSISTS OF A TEMPORARY 3M WIDE HARDCORE ACCESS TRACK THAT RUNS FROM THE EXISTING FARM ACCESS TRACK UP TO THE PROPOSED SITE

19. HAS PROVISION BEEN MADE FOR THE DISABLED? See notes for applicants

N/A

20. IF THIS PROPOSAL INVOLVES RESIDENTIAL DEVELOPMENT OR THE LOSS OF RESIDENTIAL UNITS, COMPLETE THE FOLLOWING TABLE

	No. OF DWELLINGS/HABITABLE ROOMS PROPOSED	TO BE RETAINED	TO BE LOST
HOUSE	/ *	/ *	/ *
BUNGALOW	/ *	/ *	/ *
FLAT/MAISONETTE	/ *	/ *	/ *
OTHER	/ *	/ *	/ *

* STATE No. OF HABITABLE ROOMS

21. DOES THE PROPOSAL INVOLVE ANY NON-RESIDENTIAL BUILDING OR USE?

YES/~~NO~~ If YES, complete Part 2 of the form

22. DOES THE PROPOSAL INVOLVE THE WINNING, WORKING OR PROCESSING OF MINERALS; THE DISPOSAL OF MINERAL WASTE, OR THE DEPOSIT OR PROCESSING OF REFUSE AND WASTE MATERIALS?

~~YES~~/NO If YES, please ask for and complete Part 3 of the form

23. STATE THE FEE ENCLOSED WITH THIS APPLICATION The current scale of fees is enclosed. If you believe a reduced fee or no fee is payable, say why.

£190.00

I hereby apply for permission in respect of the particulars described above and in the attached plans and drawings. If planning permission is granted, the development must be carried out strictly in accordance with the approved plans. Failure to do so could result in enforcement action being taken. Permission under the Town & Country Planning Acts does not obviate the possible need to apply for Building Regulations approval.

SIGNED RA Cooke ON BEHALF OF AIRWAVE MMO2 LTD DATE 8/02/02

Before submitting the application check that it is complete, that all questions have been answered and that the site boundary and the new work are clearly edged in red on the plans. Every application must be accompanied by the appropriate certificate and fee. See "NOTES TO HELP APPLICANTS".

1769c

PLANNING APPLICATION

PART 2

This part of the form need only be completed if the application involves non-residential development. Please answer all questions in print or block letters. If the answer is not applicable, write N/A in the space. You may wish to amplify your answers in a covering letter.

24. STATE THE GROSS FLOOR SPACE (by external measurement) OF ALL BUILDINGS TO WHICH THIS APPLICATION REFERS. Please give all floor areas in SQUARE METRES.

	USE CLASS	Existing floor space		Proposed additional floorspace created by	
		Retained in existing use	Lost by change of use or demolition	New building	Change of use
A1	SHOPS				
A2	FINANCIAL AND PROFESSIONAL SERVICES				
A3	FOOD AND DRINK				
B1(a)	OFFICE (other than A2)				
B1 (b)	RESEARCH AND DEVELOPMENT				
B1 (c)	LIGHT INDUSTRIAL				
B2	GENERAL INDUSTRIAL				
B3-7	SPECIAL INDUSTRIAL				
B8	STORAGE OR DISTRIBUTION				
C1	HOTELS AND HOSTELS				
C2	RESIDENTIAL INSTITUTIONS				
D1	NON-RESIDENTIAL INSTITUTIONS				
D2	ASSEMBLY AND LEISURE				
OTHER	Please Specify AGRICULTURE	N/A	N/A	7.84	258.0
OTHER	Please Specify				
	TOTAL			7.84	258.0

25. IF C1 OR C2 USE IS PROPOSED, PLEASE STATE NUMBER OF BED SPACES

26. WHAT PROVISION IS BEING MADE FOR PARKING?

	Cars	Lorries
Existing	0	0
Proposed	0	0

27. DESCRIBE THE ACTIVITY OR PROCESSES TO BE CARRIED ON
Please provide details of any equipment, plant or machinery to be installed and any end products. You may wish to amplify your answers in a covering letter.

TELECOMMUNICATIONS BASE STATION

28. WHO WILL OCCUPY THE PREMISES?
a) Give the name and current operating address of the proposed occupier
b) Will these premises be vacated?

N/A - UNMANNED BASE STATION

29. IF KNOWN, HOW MANY PEOPLE ARE LIKELY TO BE EMPLOYED ON SITE AFTER COMPLETION OF THE DEVELOPMENT?

Existing Staff	Transferred Staff	New Staff	Total
			0

30. DOES THE PROPOSAL INVOLVE THE USE OR STORAGE OF ANY OF THE HAZARDOUS SUBSTANCES LISTED IN THE NOTES?
If so, state this material, the quantity and method of storage.

NO

Before submitting the application check that it is complete, that all questions have been answered and that the site boundary and the new work are clearly edged in red on the plans. Every application must be accompanied by the appropriate certificate and fee. See "NOTES TO HELP APPLICANTS'.

1769d

YOUR PLANNING APPLICATION

WHY DO YOU NEED TO MAKE A PLANNING APPLICATION ?

New buildings, major alterations and enlargement of existing buildings, and many changes in the use of buildings and land need planning permission.
The Town and Country Planning Acts impose a duty on Local Authorities to control these changes, and this means that a balance has to be found between the need and pressure for change, and the desire to protect the character of settlements and the countryside.
The merits of each application are, therefore, carefully examined.

WHAT ELSE MAY YOU HAVE TO DO ?

Listed Building Consent:	for works to a Listed Building; or for demolition works on land within the curtilage of a Listed Building or within a Conservation Area.
Advertisement Consent:	for the display of advertisements or signs
Building Regulation Approval:	for most new building or construction work.

Special forms are available for these types of applications.

You should also check whether there are any other regulations with which you may need to comply.

WHAT HAPPENS TO THE APPLICATION ?

It will first be checked to see if it is complete and if it is, it will be registered.

Consultations will be carried out with public and other bodies, such as the Highway Authority, or Local Parish Councils.

Publicity may be given to allow local people the opportunity to comment on your proposals.

The application will be considered in relation to the Council's planning policies and guidelines, the past history of decisions on that site or in the locality, other standards (such as parking, or visibility at road junctions), and any other material considerations.

The site will be visited by a Planning Officer You may be asked to submit more information, or to amend your application.

The application will then be considered either by a Planning Committee or Sub Committee (made up of Councillors) or by the Chief Officer responsible for planning matters. Objections to an application will be taken into consideration by the Committee or the Chief Officer.

Shortly after the application has been determined, you will receive a Decision Notice.

HOW LONG WILL IT TAKE ?

An application will generally be determined within eight weeks although a longer period may sometimes be required for a complicated application.

WHAT SORT OF DECISION CAN BE MADE ?

Your application may be approved.

Your application may be approved subject to certain conditions. These could impose restictions on the use of land or buildings, or require further details to be approved at a later stage, (e.g. materials or landscaping).
You may appeal against the conditions, but this opens the entire permission to review by the Secretary of State.

Your application may be refused. The reason will be listed on the Decision Notice.

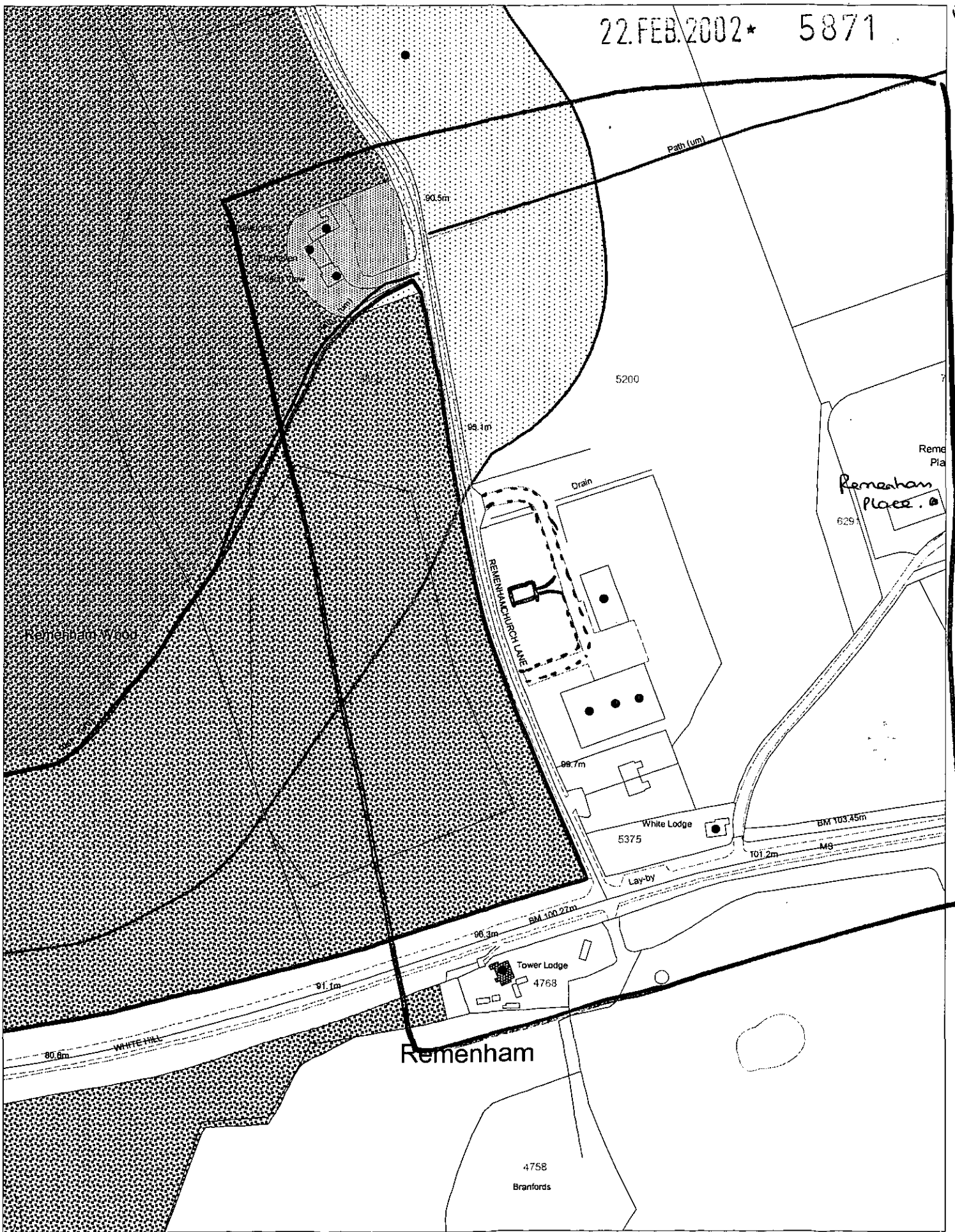
WHAT HAPPENS IF THE APPLICATION IS REFUSED ?

You have the right to appeal against the refusal to the Secretary of State, but you have to do that within six months. Appeals can be dealt with by written representations by both sides, or by a Public Inquiry.
You may ask the Planning Officer whether an amended application would be more likely to receive planning permission.

DATA PROTECTION ACT 1984

'Information contained in this form is likely to be personal data within the terms of the Data Protection Act 1984, and as such will be held by the Council on computer (such as the PLANAPS applications processing system) and may be used by the Council only for purposes registered under the terms of the Data Protection Act.'

22.FEB.2002* 5871



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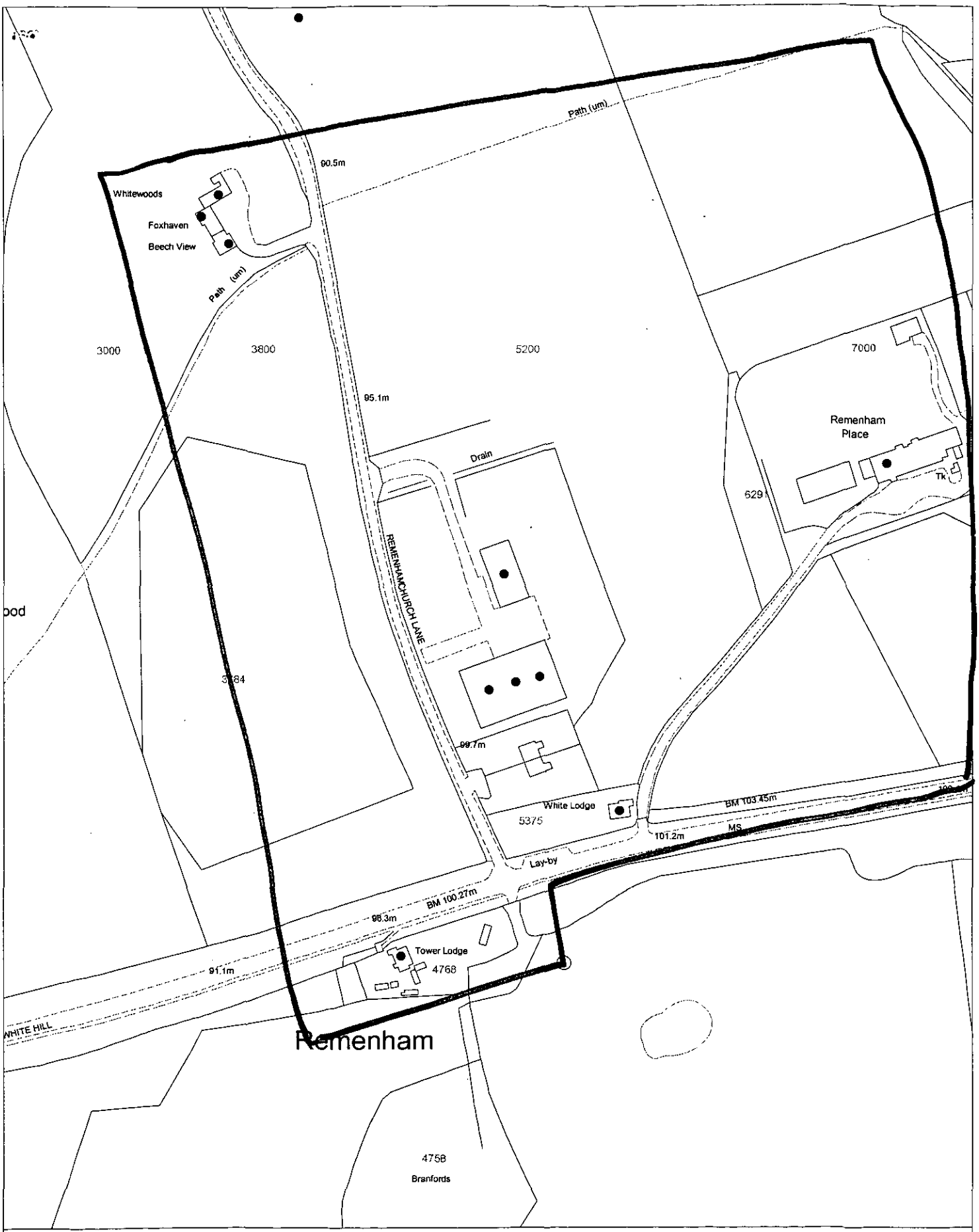
Development Control Section, Environmental Services, Wokingham District Council.
14 February 2002 Scale: 1 : 2500

N W E S



Site Plan, Scale: 1 to 2500

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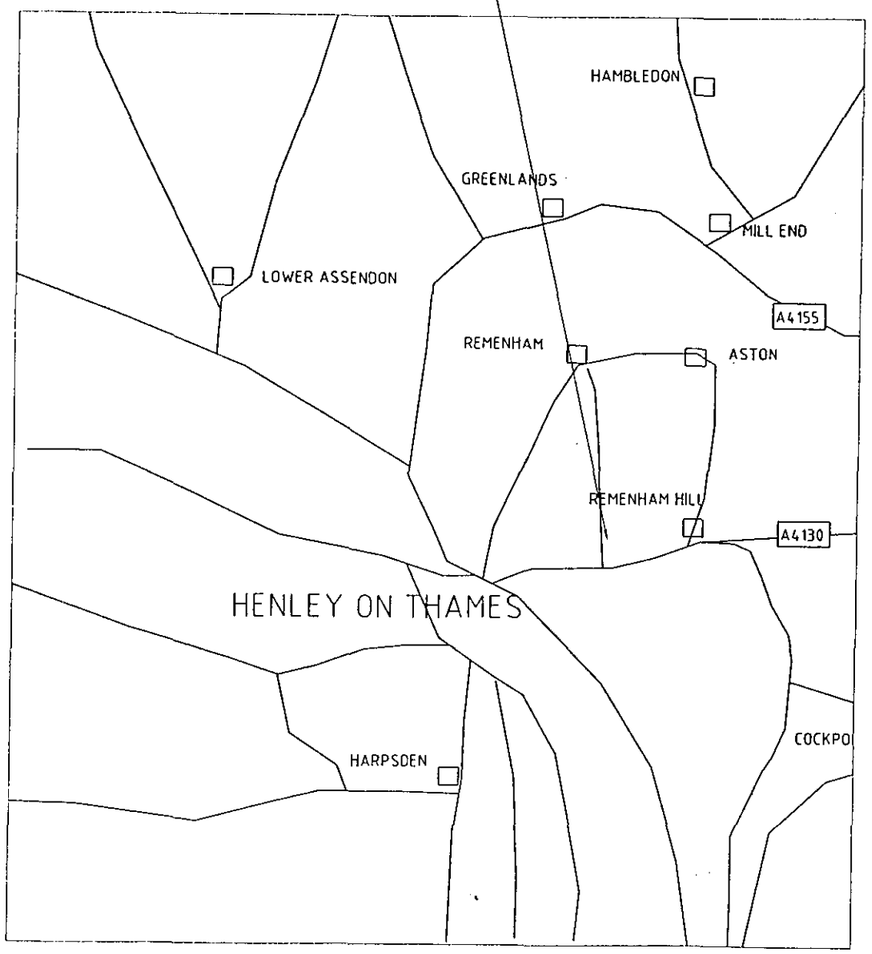
Date: 11 February 2002

N
W E
S

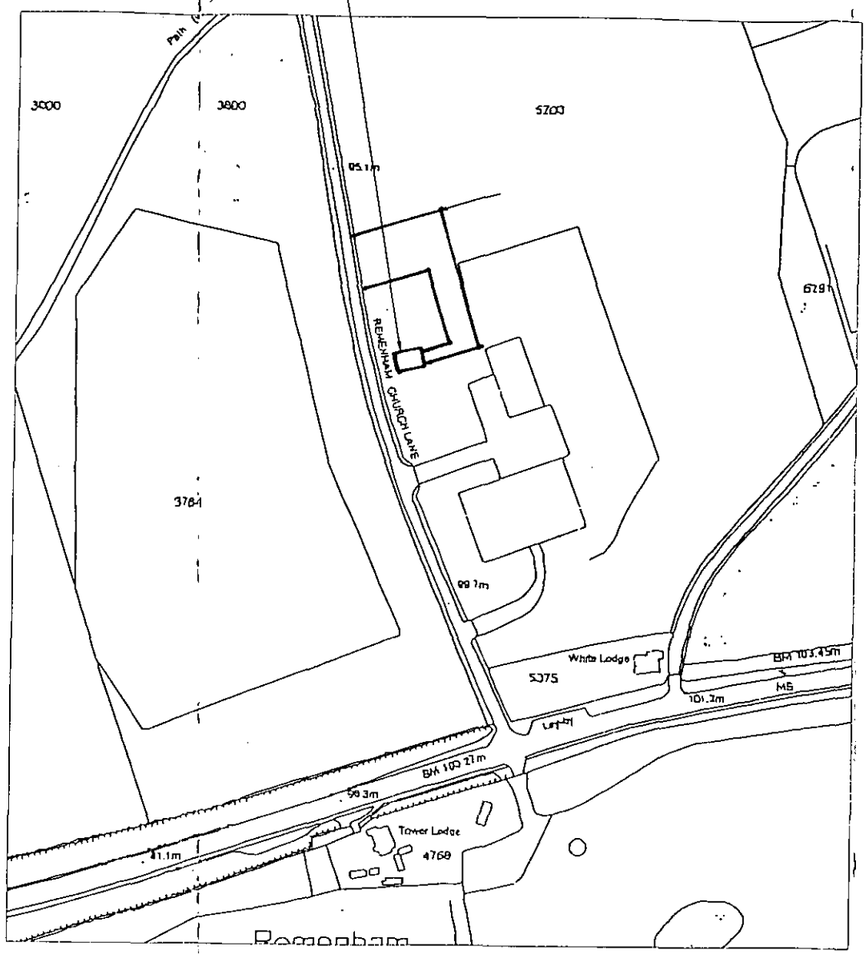
REFUSED

SITE LOCATION



LOCATION PLAN (1:50000)

SITE LOCATION



LOCATION PLAN (1:2500)

0 10 20 30 40 50 60 70 80 90 100

0 2 3

CAD File Ref No TVP-002(B)-01_A

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

22.FEB.2002* 5871

1. DO NOT SCALE DIMENSIONS
2. ALL DIMENSIONS IN mm U.N.O.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWGS

98036/TVY002/GFTVY38-02
98036/TVY002/GFTVY38-03

NGR: SU 7746 8288

EASTINGS: 477466

NORTHINGS: 182889

PLANNING SERVICES	HPT
POL	TLS
DO	ENF
APP	
CS	

22 FEB 2002

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REFUSED

Rev.	Date	Amendments	Drawn By	Approved By
A	04.9.01	MAP SCALE AMENDED MINOR AMENDMENTS	C.C.	

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Client

BT

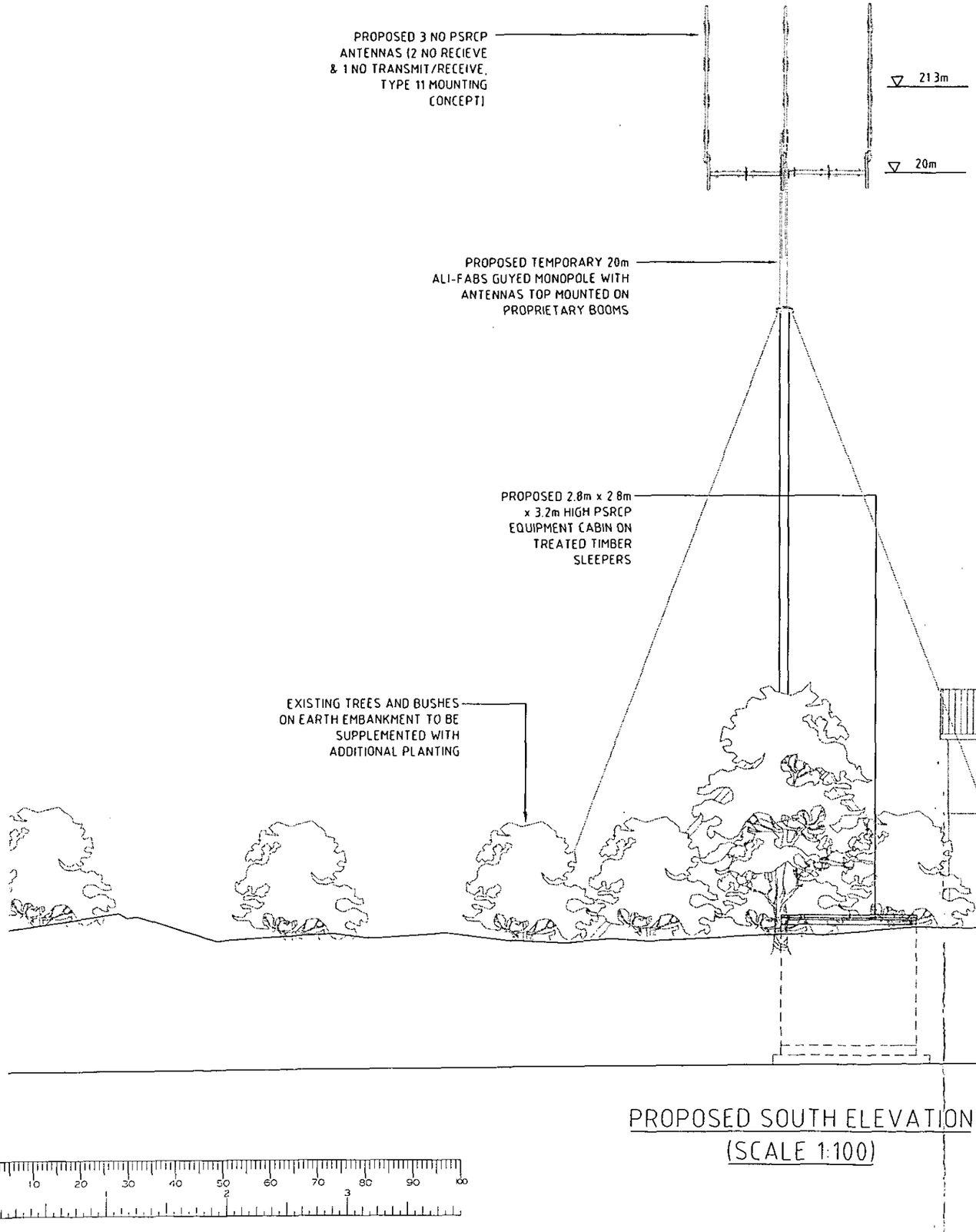
BT AIRWAVE
POST POINT 3, ELDER HOUSE,
564 ELDER GATE,
MILTON KEYNES MK9 1LR

Client Ref:

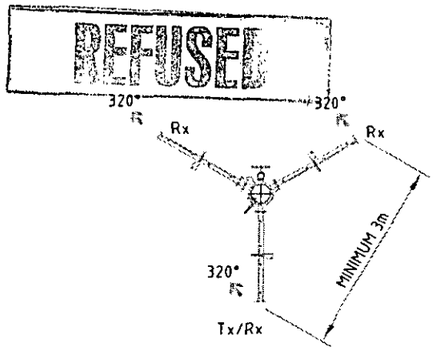
Job Title
TVP 002(B) WHITE HILL FARM
CHURCH LANE, REMENHAM, HENLEY ON THAMES
BERKSHIRE RG9

Drawing Title
AREA & SITE LOCATION MAPS
FOR PSRCP RADIO BASE SITE

Scale AS NOTED — DO NOT SCALE THIS DRAWING		AS
Drawn by DCY	Checked by	Approved by
Date Drawn 15.07.01	Date Checked	Date Approved
Drawing No. 98036/TVY002/GFTVY-01		Rev. A



PROPOSED SOUTH ELEVATION
(SCALE 1:100)



Plan on Antennas at 20m
(Scale 1:100)

Antenna Key

Item	Type	FCN	Height to ctr	BRG	Feeder	Length	Min Bend Radius
A1	JB7148	Rx/Tx	21.3m	320°	LDF4-50	30m	125mm
A2	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm
A3	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm

All antenna type Jaybeam 7148 Omni 4 stack dipole

REFUSED

22.FEB.2002 5:37:1

MANAGING SB | HP | TLS | DC | ENF | APP | COPIES TO | ACK | FILE

22 FEB 2002

1.0 GENERAL NOTES

1.1 THIS DRAWING IS NOT TO BE SCALED. IF IN DOUBT ASK.

1.2 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1.3 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-02
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-04
98036/TVY002/GFTVY38-05

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION IE BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES

1.4 ALL SPECIALIST ITEMS TO BE USED IN ACCORDANCE WITH THE MANAGERS RECOMMENDATIONS.

1.5 ALL DIMENSIONS TO BE CONFIRMED ON SITE BY CONTRACTOR ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER

1.6 THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT INDICATING THE SEQUENCE OF CONSTRUCTION, TO THE EMPLOYER FOR COMMENT BEFORE COMMENCEMENT OF WORKS.

1.7 ALL PIPE DUCTS TO BE FITTED WITH DRAW ROPES

1.8 TOWER AND AIRWORKS TO BE INSTALLED BY SPECIALIST RIGGING CONTRACTOR

1.9 RF WARNING SIGNS AND NOTICES TO BE INSTALLED ON GATE ENTRY & 2 No. AS REQUIRED ON SITE BOUNDARY

1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By

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FAX: +44 (0) 1276 693 221

Client: O2
AIRWAVE mmO2 Ltd.
5 LONGWALK ROAD
STOCKLEY PARK EAST
UXBRIDGE
MIDDLESEX
UB11 1TT

Client Ref:

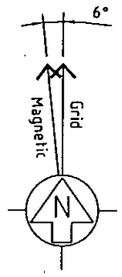
Job Title
TVY002(B) WHITE HILL FARM
CHURCH LAND, REMENHAM, HENLEY ON THAMES
BERKSHIRE, RG9 3EX

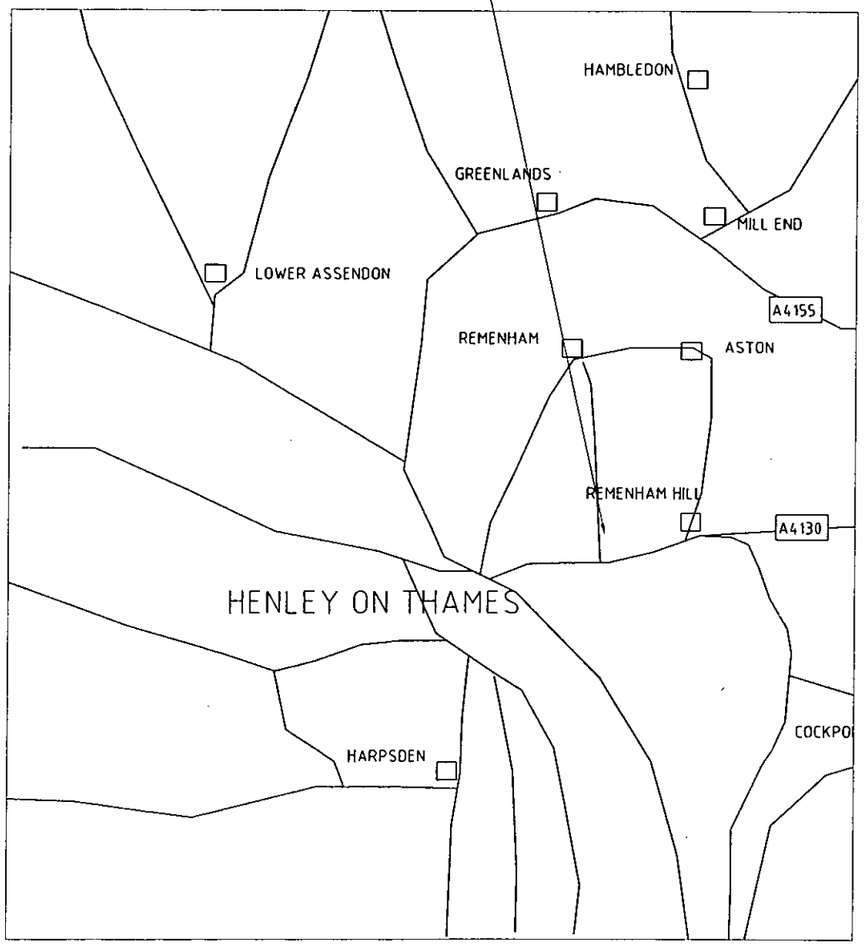
Drawing Title
PLANNING DRAWING
FOR PSRCP RADIO BASE STATION
SOUTH ELEVATION

Scale	DO NOT SCALE THIS DRAWING	
Drawn by	Checked by	Approved by
Date Drawn	Date Checked	Date Approved

Drawing No. 98036/TVY002/GFTVY38-06
Rev. B

SITE LOCATION

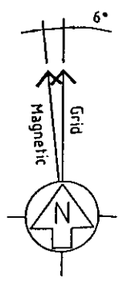


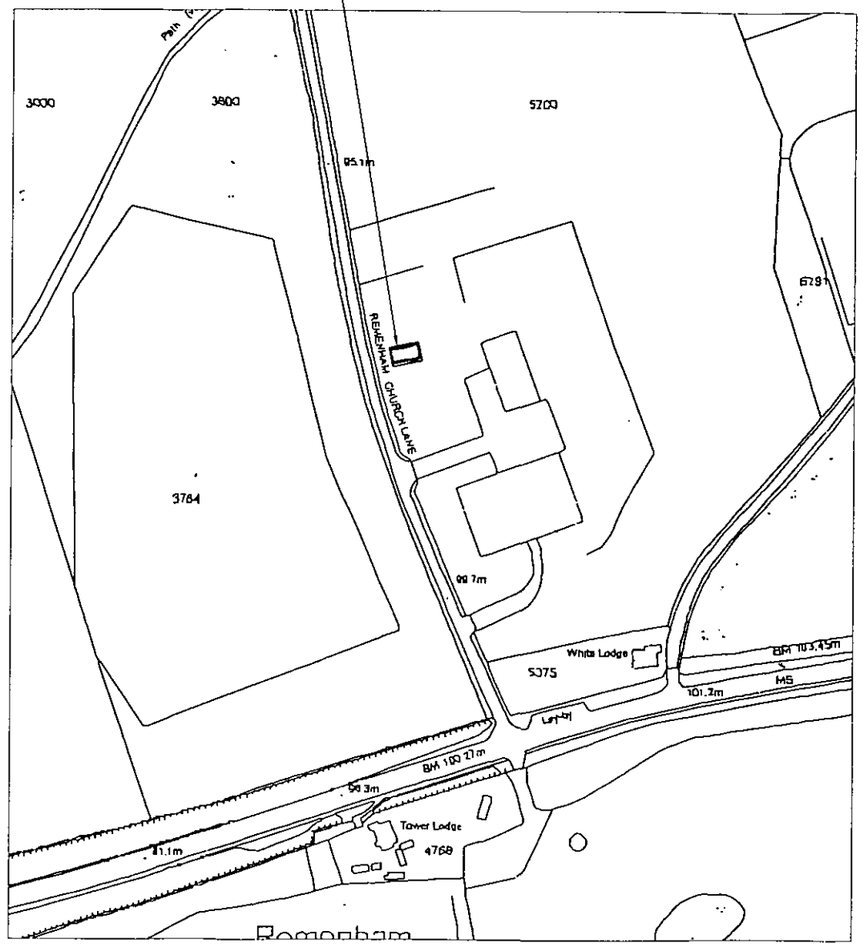


LOCATION PLAN (1:50000)

REFUSED

SITE LOCATION





LOCATION PLAN (1:2500)

CAD File Ref No TVP-002(B)-01_A

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

22 FEB 2002* 5871

1. DO NOT SCALE DIMENSIONS
2. ALL DIMENSIONS IN mm U.N.O.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWGS

   98036/TVY002/GFTVY38-02
   98036/TVY002/GFTVY38-03

NGR: SU 7746 8288

EASTINGS: 477464
NORTHINGS: 182889

Rev	Date	Amendments	Drawn By	Approved By
A	04.9.01	MAP SCALE AMENDED MINOR AMENDMENTS	C.C.	

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FAX: +44 (0) 1276 693 221

Client

BT

BT AIRWAVE
POST POINT 3, ELDER HOUSE,
564 ELDER GATE,
MILTON KEYNES MK9 1LR

Client Ref:

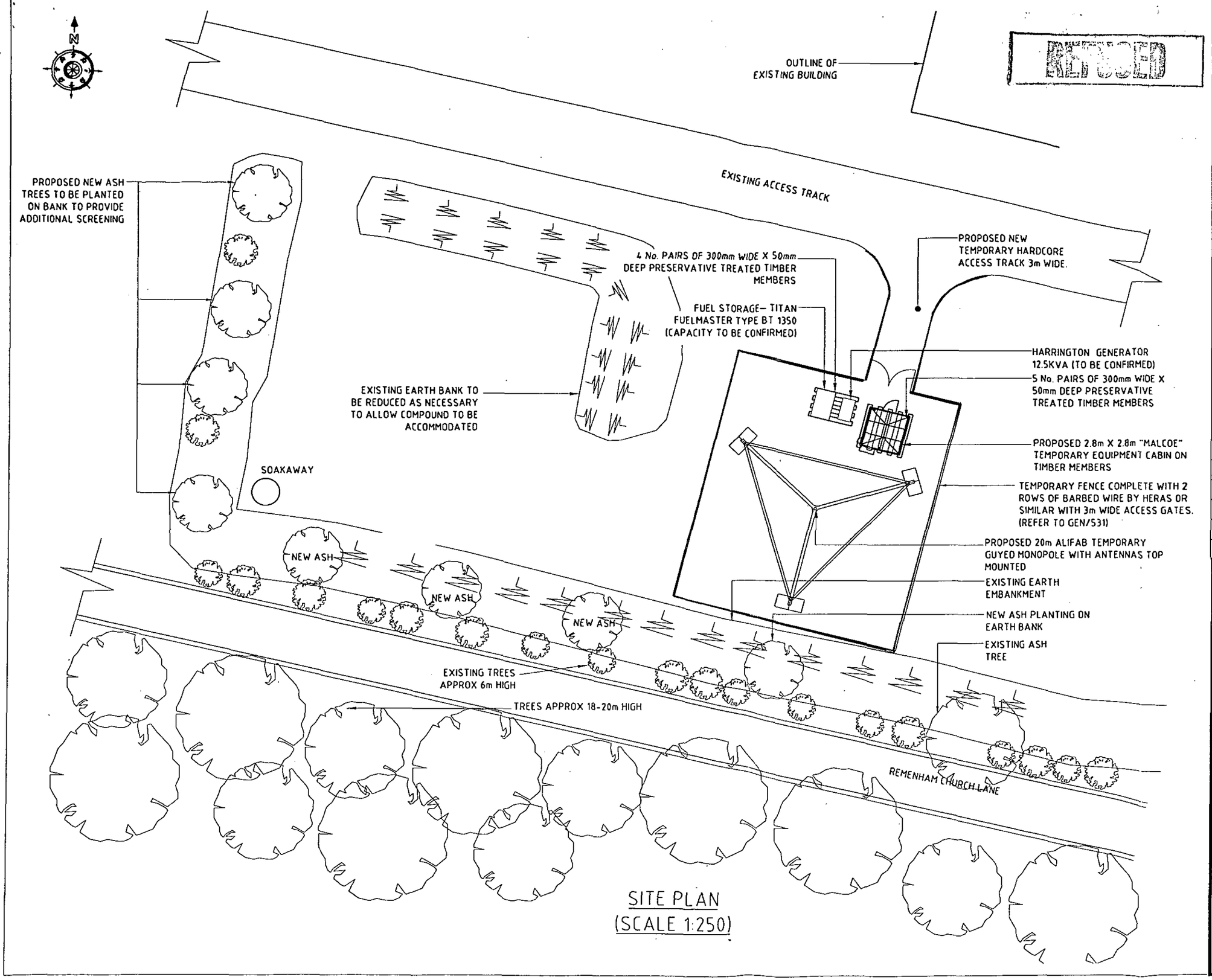
Job Title
TVP 002(B) WHITE HILL FARM
CHURCH LANE, REMENHAM, HENLEY ON THAMES
BERKSHIRE RG9

Drawing Title
AREA & SITE LOCATION MAPS
FOR PSRCP RADIO BASE SITE

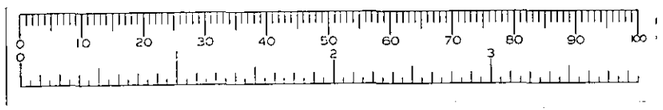
Scale AS NOTED DO NOT SCALE THIS DRAWING			AS
Drawn by DCY	Checked by	Approved by	
Date Drawn 15.07.01	Date Checked	Date Approved	

Drawing No. 98036/TVY002/GFTVY-01 Rev. A





SITE PLAN
(SCALE 1:250)



CAD File Ref No TVY-002(B)-02C

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

RECEIVED 22 FEB 2002 5871

1.0 GENERAL NOTES

1.1. THIS DRAWING IS NOT TO BE SCALED, IF IN DOUBT ASK

1.2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1.3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS:

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-04
98036/TVY002/GFTVY38-05
98036/TVY002/GFTVY38-06

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION I.E BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES.

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1.5. ALL DIMENSIONS TO BE CONFIRMED ON SITE BY CONTRACTOR ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.

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1.8 TOWER AND AIRWORKS TO BE INSTALLED BY SPECIALIST RIGGING CONTRACTOR

1.9 RF WARNING SIGNS AND NOTICES TO BE INSTALLED ON GATE ENTRY & 2 No. AS REQUIRED ON SITE BOUNDARY

1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By
C	31.12.01	TEMPORARY SITE PROPOSED	AS	
B	07.10.01	EXTRA ELEVATIONS ADDED TO DWG LIST	AS	
A	28.09.01	SITE POSITION AND COMPOUND LAYOUT AMENDED	AS	

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SURREY GU15 3PD
TEL: +44 (0) 1276 693 352
FAX: +44 (0) 1276 693 221

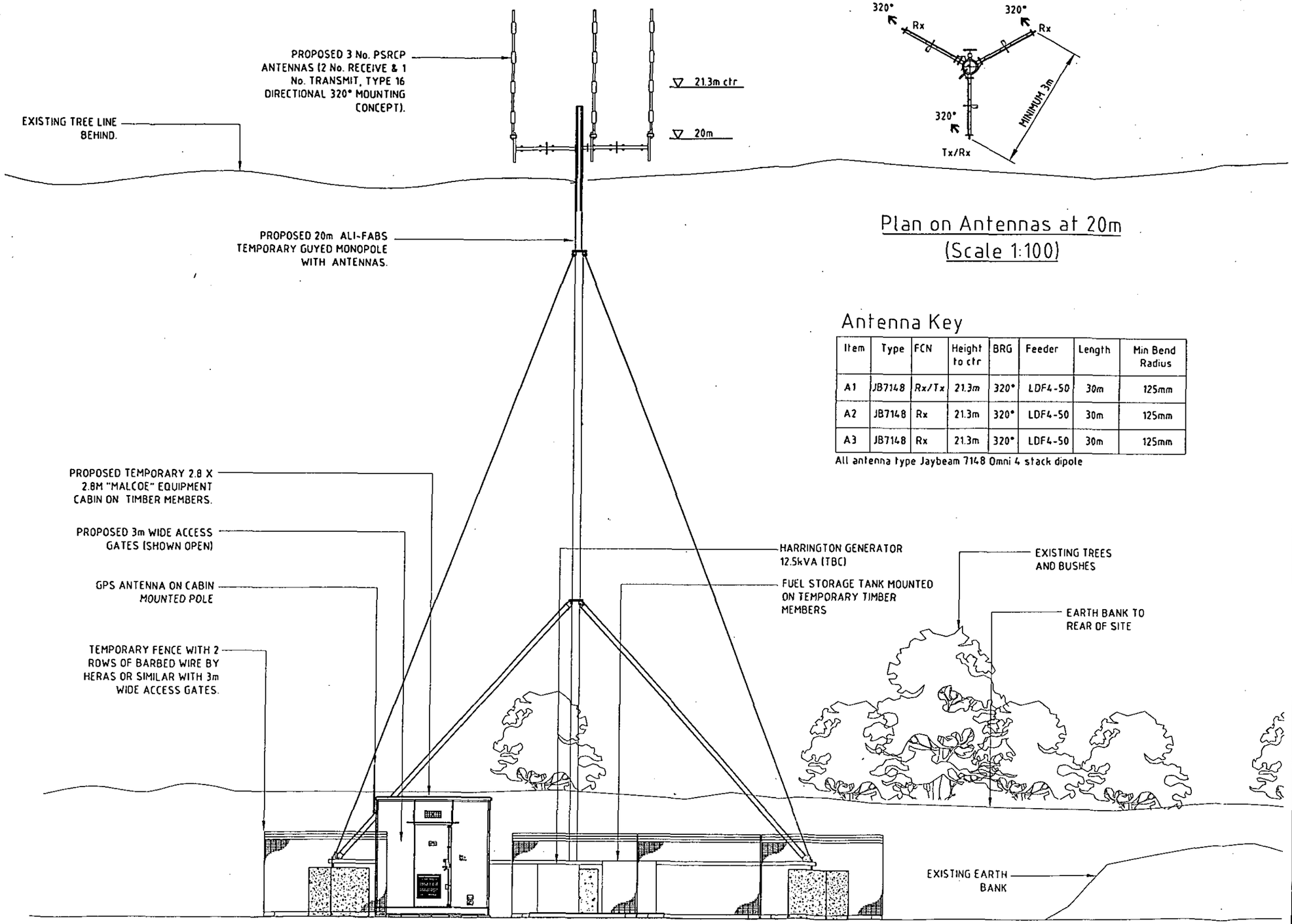
Client: O2
AIRWAVE mmO2 Ltd.
5 LONGWALK ROAD
STOCKLEY PARK EAST
UXBRIDGE
MIDDLESEX
UB11 1TT

Client Ref:

Job Title
TVY002(B) WHITE HILL FARM
CHURCH LAND, REMENHAM, HENLEY ON THAMES
BERKSHIRE, RG9 3EX

Drawing Title
PLANNING DRAWING
FOR PSRCP RADIO BASE STATION
SITE PLAN

Scale 1:250 DO NOT SCALE THIS DRAWING			Surveyed By: AS
Drawn by AS	Checked by IDS		Approved by
Date Drawn 14.07.01	Date Checked		Date Approved
Drawing No. 98036/TVY002/GFTVP38-02			Rev. C



PROPOSED NORTH ELEVATION
(SCALE 1:100)

Plan on Antennas at 20m
(Scale 1:100)

Antenna Key

Item	Type	FCN	Height to ctr	BRG	Feeder	Length	Min Bend Radius
A1	JB7148	Rx/Tx	21.3m	320°	LDF4-50	30m	125mm
A2	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm
A3	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm

All antenna type Jaybeam 7148 Omni 4 stack dipole

CAD File Ref No TVY-002(B)-03D

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

1.0 GENERAL NOTES

1.1. THIS DRAWING IS NOT TO BE SCALED, IF IN DOUBT ASK

22.FEB.2002 5871

1.2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1.3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS:

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-04
98036/TVY002/GFTVY38-05
98036/TVY002/GFTVY38-06

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION I.E BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES

1.4. ALL SPECIALIST ITEMS TO BE USED IN ACCORDANCE WITH THE MANAGERS RECOMMENDATIONS.

1.5. ALL DIMENSIONS TO BE CONFIRMED ON SITE BY CONTRACTOR ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.

1.6. THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT INDICATING THE SEQUENCE OF CONSTRUCTION, TO THE EMPLOYER FOR COMMENT BEFORE COMMENCEMENT OF WORKS.

1.7 ALL PIPE DUCTS TO BE FITTED WITH DRAW ROPES

1.8 TOWER AND AIRWORKS TO BE INSTALLED BY SPECIALIST RIGGING CONTRACTOR

1.9 RF WARNING SIGNS AND NOTICES TO BE INSTALLED ON GATE ENTRY & 2 No. AS REQUIRED ON SITE BOUNDARY

1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By
D	31.12.01	TEMPORARY MONOPOLE PROPOSED	AS	
C	07.10.01	REFERENCES TO OTHER ELEVATIONS ADDED	AS	
B	28.02.01	SITE POSITION AND COMPOUND LAYOUT AMENDED	AS	
A	27.08.01	ANTENNA KEY ADDED: TOWER ORIENTATION ADDED ELEVATION AND SITE REFERENCE AMENDED:	AS	

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Client: O2
AIRWAVE mm02 Ltd.
5 LONGWALK ROAD
STOCKLEY PARK EAST
UXBRIDGE
MIDDLESEX
UB11 1TT
Client Ref:

Job Title
TVY002(B) WHITE HILL FARM
CHURCH LAND, REMENHAM, HENLEY ON THAMES
BERKSHIRE, RG9 3EX

Drawing Title
PLANNING DRAWING
FOR PSRCP RADIO BASE STATION
NORTH ELEVATION

Scale	DO NOT SCALE THIS DRAWING	Surveyed By: AS
1:100		
Drawn by: AS	Checked by: IDS	Approved by:
Date Drawn: 14.07.01	Date Checked:	Date Approved:

Drawing No. 98036/TVY002/GFTVP38-02 Rev. D

REFUSED

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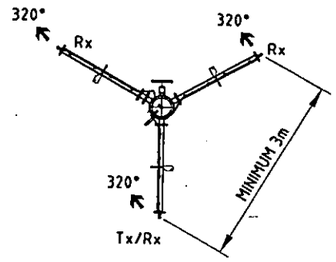

Plan on Antennas at 20m
(Scale 1:100)

Antenna Key

Item	Type	FCN	Height to ctr	BRG	Feeder	Length	Min Bend Radius
A1	JB7148	Rx/Tx	21.3m	320°	LDF4-50	30m	125mm
A2	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm
A3	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm

All antenna type Jaybeam 7148 Omni 4 stack dipole

PROPOSED EAST ELEVATION
(SCALE 1:100)

REFUSED

0 10 20 30 40 50 60 70 80 90 100
0 2 3

CAD File Ref No TVY-002(B)-04B

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

22. FEB. 2002 ★ 5871

1.0 GENERAL NOTES

1.1. THIS DRAWING IS NOT TO BE SCALED, IF IN DOUBT ASK

1.2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1.3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS:

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-02
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-05
98036/TVY002/GFTVY38-06

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION I.E BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES.

1.4. ALL SPECIALIST ITEMS TO BE USED IN ACCORDANCE WITH THE MANAGERS RECOMMENDATIONS.

1.5. ALL DIMENSIONS TO BE CONFIRMED ON SITE BY CONTRACTOR ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.

1.6. THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT INDICATING THE SEQUENCE OF CONSTRUCTION, TO THE EMPLOYER FOR COMMENT BEFORE COMMENCEMENT OF WORKS.

1.7 ALL PIPE DUCTS TO BE FITTED WITH DRAW ROPES

1.8 TOWER AND AIRWORKS TO BE INSTALLED BY SPECIALIST RIGGING CONTRACTOR

1.9. RF WARNING SIGNS AND NOTICES TO BE INSTALLED ON GATE ENTRY & 2 No. AS REQUIRED ON SITE BOUNDARY

1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By
B	31.12.01	TEMPORARY MONOPOLE PROPOSED	AS	
A	07.10.01	SITE COMPOUND LAYOUT AND POSITION AMENDED	AS	

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FAX: +44 (0) 1276 693 221

Client: O2
AIRWAVE mmO2 Ltd.
5 LONGWALK ROAD
STOCKLEY PARK EAST
UXBRIDGE
MIDDLESEX
UB11 1TT

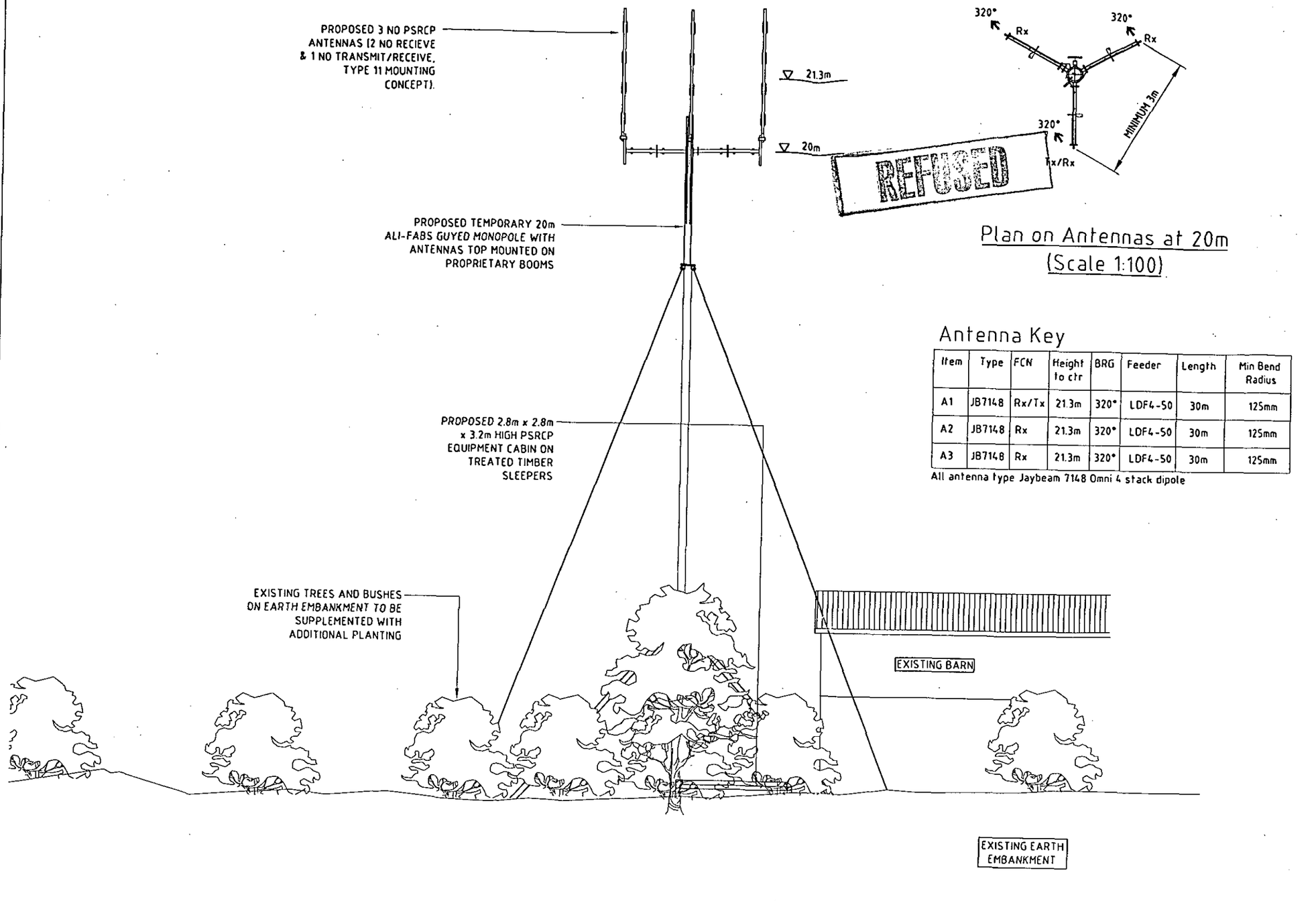
Client Ref:

Job Title
TVY002(B) WHITE HILL FARM
CHURCH LAND, REMENHAM, HENLEY ON THAMES
BERKSHIRE, RG9 3EX

Drawing Title
PLANNING DRAWING
FOR PSRCP RADIO BASE STATION
EAST ELEVATION

Scale	DO NOT SCALE THIS DRAWING	Surveyed By: AS
1:100		
Drawn by: AS	Checked by: IDS	Approved by
Date Drawn: 14.07.01	Date Checked	Date Approved

Drawing No. 98036/TVY002/GFTVY38-04 Rev. B



PROPOSED SOUTH ELEVATION
(SCALE 1:100)

Plan on Antennas at 20m
(Scale 1:100)

Antenna Key

Item	Type	FCN	Height to ctr	BRG	Feeder	Length	Min Bend Radius
A1	JB7148	Rx/Tx	21.3m	320°	LDF4-50	30m	125mm
A2	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm
A3	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm

All antenna type Jaybeam 7148 Omni 4 stack dipole

CAD File Ref No TVY-002(B)-06B

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

1.0 GENERAL NOTES

22 FEB 2002 5871

1.1 THIS DRAWING IS NOT TO BE SCALED IF IN DOUBT ASK

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1.3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS:

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-02
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-04
98036/TVY002/GFTVY38-05

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION I.E BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES.

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1.9 RF WARNING SIGNS AND NOTICES TO BE INSTALLED ON GATE ENTRY & 2 No AS REQUIRED ON SITE BOUNDARY

1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By
B	31.12.01	TEMPORARY MONOPOLE PROPOSED	AS	
A	07.10.01	SITE COMPOUND LAYOUT AND POSITION AMENDED	AS	

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FAX: +44 (0) 1276 693 221

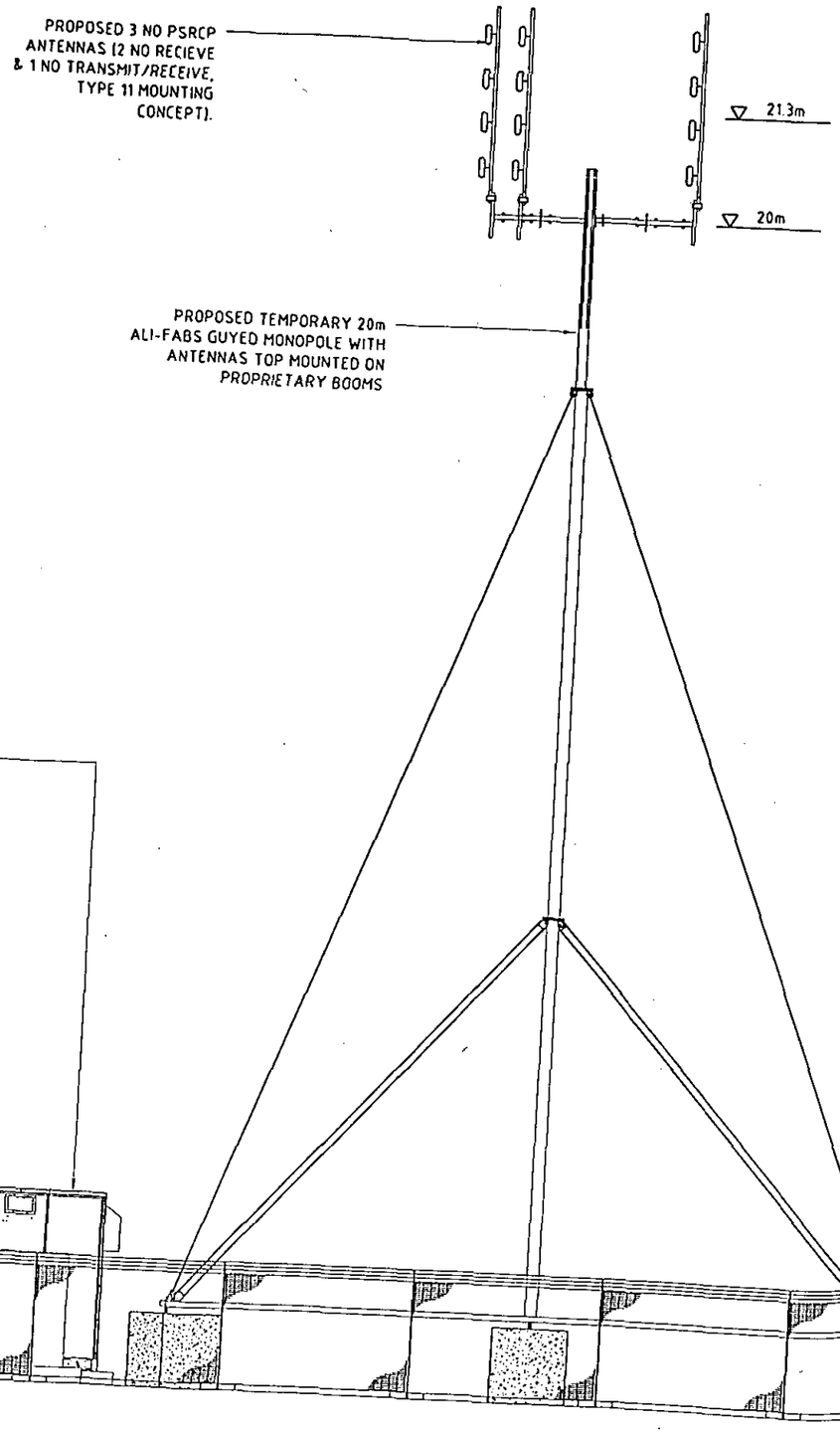
Client: O2
AIRWAVE mmO2 Ltd.
5 LONGWALK ROAD
STOCKLEY PARK EAST
UXBRIDGE
MIDDLESEX
UB11 1TT

Client Ref:

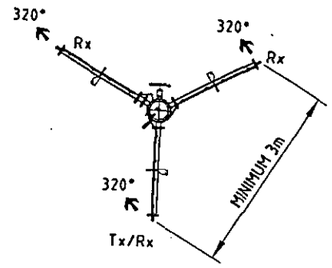
Job Title
TVY002(B) WHITE HILL FARM
CHURCH LAND, REMENHAM, HENLEY ON THAMES
BERKSHIRE, RG9 3EX

Drawing Title
PLANNING DRAWING
FOR PSRCP RADIO BASE STATION
SOUTH ELEVATION

Scale 1:100 DO NOT SCALE THIS DRAWING		Surveyed By: AS	
Drawn by AS	Checked by IDS	Approved by	
Date Drawn 14.07.01	Date Checked	Date Approved	
Drawing No. 98036/TVY002/GFTVY38-06		Rev. B	



PROPOSED WEST ELEVATION
(SCALE 1:100)



Plan on Antennas at 20m
(Scale 1:100)

Antenna Key

Item	Type	FCN	Height to ctr	BRG	Feeder	Length	Min Bend Radius
A1	JB7148	Rx/Tx	21.3m	320°	LDF4-50	30m	125mm
A2	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm
A3	JB7148	Rx	21.3m	320°	LDF4-50	30m	125mm

All antenna type Jaybeam 7148 Omni 4 stack dipole

CAD File Ref No TVY-002(B)-05B

NOTES

NOTE: ORIGINAL DRAWING SIZE A3

22.FEB.2002 ★ 5871

1.0 GENERAL NOTES

1.1. THIS DRAWING IS NOT TO BE SCALED, IF IN DOUBT ASK

1.2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE

1.3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG NOS:

98036/TVY002/GFTVY38-01
98036/TVY002/GFTVY38-02
98036/TVY002/GFTVY38-03
98036/TVY002/GFTVY38-04
98036/TVY002/GFTVY38-06

AND ALL OTHER RELEVANT DWGS AND DOCUMENTATION I.E BT/PSRCP CIVILS, MECHANICAL & ELECTRICAL DESIGN CODES

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1.10 GROUND BEARING PRESSURE OF 100kN/SQ METRE TO BE CONFIRMED BY GEOTECHNICAL INVESTIGATION

Rev	Date	Amendments	Drawn By	Approved By
B	31.12.01	TEMPORARY MONOPOLE PROPOSED	AS	
A	07.10.01	SITE COMPOUND LAYOUT AND POSITION AMENDED	AS	

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Client: O2 — AIRWAVE mm02 Ltd., 5 LONGWALK ROAD, STOCKLEY PARK EAST, UXBRIDGE, MIDDLESEX, UB11 1TT

Client Ref:

Job Title: TVY002(B) WHITE HILL FARM, CHURCH LAND, REMENHAM, HENLEY ON THAMES, BERKSHIRE, RG9 3EX

Drawing Title: PLANNING DRAWING FOR PSRCP RADIO BASE STATION WEST ELEVATION

Scale		Surveyed By: AS
1:100 DO NOT SCALE THIS DRAWING		
Drawn by: AS	Checked by: IOS	Approved by
Date Drawn: 14.07.01	Date Checked	Date Approved

Drawing No. 98036/TVY002/GFTVY38-05 Rev. B

REFUSED