APPLICATION NO:
TL/2001/5527

LOCATION:
Old Redingensians Old Bath Road, Sonning Reading.

APPLICANT:
Bt Cellnet Ltd C/O APT

PROPOSAL:
Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin.

EARLIEST DATE FOR DECISION: **14/01/2002**

APPLICATION WILL HAVE EXPIRED ON:
11/02/2002

CASE OFFICER: Andrew Thorley

Helen Pollock.

540

D.O

RAILEX
Marbleboard

EASIFILE EP7

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

REFUSAL/APPROVAL OF PRIOR APPROVAL OF TELECOMMUNICATIONS NOTIFICATION

Mr J Robertson
APT
Dolphin House
Albant Park
Camberly
Surrey
GY167QH

Notification No: TL/2001/5527

Parish: Sonning

Proposal: PROPOSED REPLACEMENT OF EXISTING 15 METRE HIGH MONOPOLE, WITH A 15 METRE HIGH MONOPOLE, WITH SIX DUAL POLAR ANTENNAS, ONE NO. 300MM DISH ANTENNA AND ONE EQUIPMENT CABIN

Location: OLD REDINGENSIANS, OLD BATH ROAD, SONNING.

The Wokingham District Council in pursuance of their powers under Part 24 of the Town and Country (General Permitted Development) (Amendment) Order 1998 **REFUSES** prior approval for the above stated telecommunications equipment, the reasons/conditions for which are specified hereunder.

Reason:

1) The proposed telecommunications equipment, due to its height and bulk, is unacceptable, as it would result in an adverse impact on the visual amenities of the surrounding area.

Date: 8/2/02

Development Control Manager D. G Watson

Proposed Development

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The Site

The site is located in the North West of the District, outside of the village of Sonning, alongside the A4 Bath Road. Maps indicating the location of the site are provided on drawing No. 00080/98954/MPC01/01/D. The Installation is located on the N.E side of the Clubhouse building.

The planning application area covers the land required for the proposed telecommunications development and associated infrastructure.

The Proposal

The principal components of the proposed development, as outlined on the planning application form, and general layout of the proposed telecommunication infrastructure are illustrated on the attached site layout plan and elevations (drawing Nos.: 00080/98954/MPC01/01/).

This Proposal involves the installation of a 15m 'Multipole' mast to replace the existing 15m Monopole mast, complete with six Dual Polar antennas and one 300mm dish antenna for BTCellnet Ltd. The development also comprises of the relocation of the existing One 2 One telecommunications apparatus and a further two 600mm dish antennas. This development also includes the installation of an equipment cabin for BTCellnet Ltd, within the slightly enlarged compound. This shall be finished to match the existing compound. The planning application area is indicated on the attached site layout plan (drawing No. 00080/98954/MPC01/01/) by the red line boundary. The site is situated on land owned by Readingensians Sports Ground.

Design

The proposed telecommunications infrastructure, including the multipole mast and equipment cabin, has been designed having regard to technical, engineering, environmental and land use planning considerations. The use of the 'Multipole' mast design in this instance has been proposed in order to minimise the visual impact of my client's proposal. In addition the redevelopment of this installation will negate the need for a further telecommunications installation in this area. Therefore my clients are acting in line with the Governments recommendations for telecommunications developments.

Planning Policy

National Guidance

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

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- The Code of Best Practice on Telecommunications Prior Approval Procedures

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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. It also attaches importance minimising the number of installations. For example, PPG 8 paragraph 19 states:

"***The Government attaches considerable importance to keeping to a minimum, so far as practicable, the number of larger radio and telecommunications masts, and the sites for such installations.***"

Paragraph 20 states;

"The sharing of masts and sites is strongly encouraged where that represents the optimum environmental solution in a particular case..."

BTCellnet Ltd, by entering into a site share arrangement with my client One 2 One Ltd, at this proposed site, is conforming to the above statement.

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***"

It is the Government's view that if a proposed development meets the International Commission on Non-Ionising Radiation Protection (ICNIRP) 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 message was re-stated by Nick Raynsford to all English MPs and local authorities in a letter, dated 29 June 2000. It has since been further re-emphasised in the Government's press release on 'Better Consultation on mobile Phone Masts' dated 16 March 2001.

The EU Recommendation is based on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines for limiting general public exposure to electromagnetic fields (radio waves). ICNIRP 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.

The UK mobile phone operators will, as a minimum, build base station sites to comply with the ICNIRP 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.

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Accordingly, there are points in space, around the antennas, where the maximum level just meets the ICNIRP general public exposure guidelines. These points define a volume within, which there is the potential to exceed the ICNIRP general public exposure guidelines. This volume is referred to as the "***EU Zone***" or "***ICNIRP Public Zone***" and public access is restricted to these areas. For large base stations this area or exclusion zone are around 2.5 metres from the antennae, for smaller installations, as little as 3.5 centimetres. However, the areas where ICNIRP guidelines may be exceeded during maximum antenna loading will be restricted to public access and warning signs will be displayed.

Compliance overview
When compared to the ICNIRP 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.

Consideration of Alternatives

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.

In line with Planning Policy Guide 8 (PPG8), it is my client's policy that, when identifying a site to locate telecommunications equipment, consideration must first

be given to utilising existing buildings, radio towers and other structures. If no suitable structure can be found only then will consideration be given to the construction of a purpose-built tower.

Site Specific Alternatives Considered

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Other sites investigated included:

(A) – Existing Orange Mast, Lodden Drive

Joss Miller, of Wokingham District Councils planning department, in previous discussions recommended this site. Unfortunately the site had to be discounted, as it is located too far from the intended coverage area and too close to another operational site 003668 - Lodden

(B) –Sonning Golf Club.

The site was rejected, as the landowner was not interested in having a base station on the property

(C) – Existing Police Tower

The site was rejected, as it is located too far from the intended coverage area and too close to another operational site 2472 – Woodley.

The site at Readingensians was considered the most appropriate site that met the required criteria for this cell. The location was chosen for the screening provided by the adjacent buildings and trees in close proximity to the site as well as its distance and screening from residential properties. The site is also situated in an agricultural/commercial setting and should not therefore have a detrimental impact upon the local visual amenity..

Assessment of Need

BTCellnet Ltd has identified a need for the proposed development on the basis of an assessment of their existing network. This assessment identified a requirement to upgrade and expand the network to be able to handle the demand for calls as well as to facilitate the introduction of the various forms of high-speed data transmission. The introduction of these new technologies require additional infrastructure to be established.

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

1. Coverage – Under the terms of its license, granted by the Government, BTCellnet Ltd is under a legal obligation to expand its network to accommodate customer requirements of service and quality (see PPG8, paragraph 8(ii)). It is also required to ensure that all reasonable demands for service are capable of being met (see Code of Best Practice, part 1.2 paragraph 3). These demands by residential and commercial customers extend to the requirement for network coverage to be available at home, in the workplace, while shopping, enjoying leisure activities and while on the move.

2. Quality – In order to ensure coverage within buildings such as homes, shops, offices etc. the radio signal has to be of sufficient strength to penetrate walls. Radio base stations are low-powered devices (between 2 and 70 watts) communicating

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with low-powered handsets (2 watts maximum) and can only cover limited geographical areas; up to a theoretical maximum of 32 kilometres in flat, sparsely-populated areas and as a little as a few hundred metres in busy, urban centres.

3. Capacity – The coverage of networks are provided through a series of radio base stations each with a certain cell coverage area. The size of each cell is determined by a number of factors, in particular this is related to the demand from subscribers. As the use of and demand for mobile phones has increased the number of sites required to provide sufficient network capacity has increased. Each cell or base station can only handle a finite number of calls therefore in areas of high use additional cells are required to meet demands on the network. Capacity can be expanded either by introducing new sites or by splitting existing cells.

With the majority of the operator's network being operational and fixed the potential locations for new sites are limited. 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 radio parameters for any site can also be influenced by local topographical factors and clutter caused by trees or tall buildings.

It is for these reasons that it is important to achieve a comprehensive service of quality for mobile users. The main complaints received by mobile telephone operators about their service relate to the problems associated with dropped calls and no service.

The benefits of providing a modern telecommunications system and the need for providing sufficient levels of coverage, quality and capacity are recognised by the Government. In its statement on mobile phone masts on 16 March 2001 the Government states:

"***Parents and children feel more secure because of them. Mobile phones have saved lives – they allow emergency services to be called immediately when they are needed. None of this could happen without the masts and other infrastructure which enable the service to be delivered.***"

Conclusions

There is a requirement by the operator to increase telecommunication network coverage, quality and capacity in this locality. Network planners have identified a need for a further installation, which is demonstrated in the coverage plots included. The proposed development will address this identified need and improve the operators network in line with their licence requirements and customer demands.

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.

We can confirm that the proposed site at Readingensians Sports Ground will conform to both NRPB and ICNIRP guidelines in areas that are accessible to the public.

CONVENTIONAL MACROCELL ANTENNA FIELD STRENGTH PREDICTION

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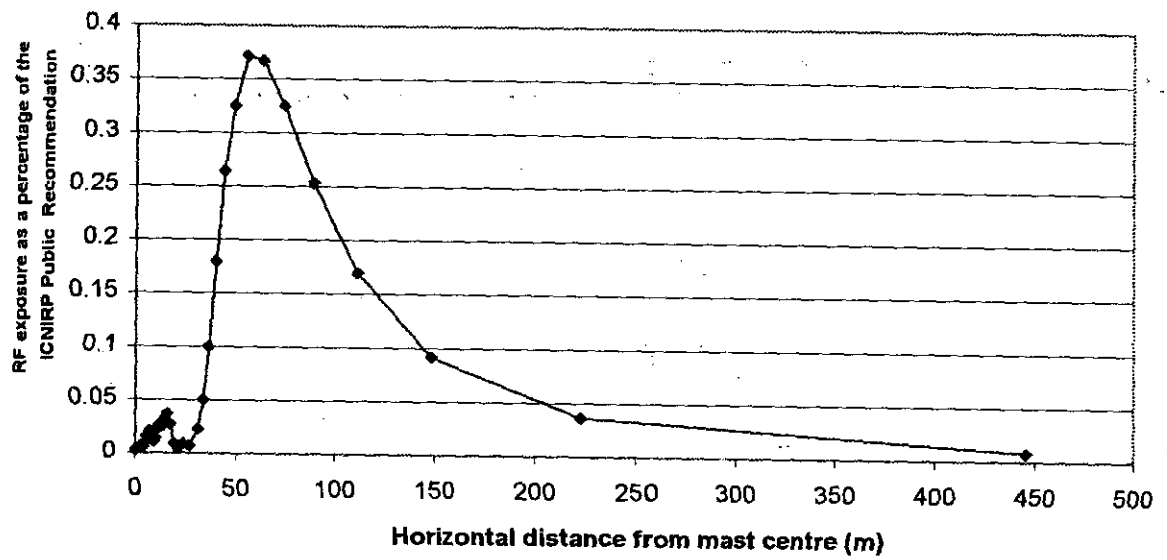
SITE: 9922 - CHARVIL

BTcellnet

Range from	0	m
to	500	m
900 MHz Band:		
Number of carriers	6	
ERP per carrier	100	Watts relative to a dipole
1800 MHz Band:		
Number of carriers	2	
ERP per carrier	100	Watts relative to a dipole
3rd Generation:		
Number of carriers	1	
ERP per carrier	100	Watts relative to a dipole
Mechanical Downtilt	0	degrees
Antenna Height	11.28	m - measured local ground to antenna centre
Measurement height	1.5	m - above local ground
Building losses	0	dB

The graph below shows the RF exposure from a typical cellular radio transmit antenna , with site characteristics as given above, expressed as a percentage of the ICNIRP General Public RF exposure recommendation.



maximum =	20.66	milliwatts per sq m
at	55	metres from the mast
	0.046	% of NRPB safety levels
	0.371	% of ICNIRP safety level
equivalent to	2.8	Volts per metre

Warnings: None

Date: 12-Nov-01

A·P·T
A Marconi company

Dolphin House, Albany Park, Camberley, Surrey GU16 7QH
Telephone: (01276) 605000 Fax: (01276) 683781
Web Site: www.aptelecom.com

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Old Readingensians Association Ltd
C/O: Mr D Ching
Clarks Solicitors
Great Western House
Station Road
Reading
RG1 1JX

My Ref:JPR/98954
Date: 14 December 2001

Dear Sir /Madam,

RE. NOTIFICATION OF PERMITTED DEVELOPMENT PROPOSED BY ONE 2 ONE PERSONAL COMMUNICATIONS LTD AND BTCELLNET LTD FOR THE REPLACEMENT OF THE EXISTING 15M MONOPOLE MAST WITH A 15M MULTIPOLE COMPLETE WITH SIX DUAL POLAR ANTENNAS, ONE 300mm DISH ANTENNA AND ONE RADIO EQUIPMENT CABIN FOR ORANGE PCS LTD. ALSO THE RELOCATION OF THE EXISTING ONE 2 ONE APPARATUS, TOGETHER WITH THE INSTALLATION OF TWO FURTHER 600MM DISH ANTENNAS AT THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.

As you will be aware from your recent discussions with, James Pettengell, APT are proposing to submit an application to Wokingham District Council for the above mentioned telecommunications development.

In order to satisfy planning requirements, I am obliged to advise you of our intention to submit a formal application to the Council within the next few days. Accordingly, please find attached a Developer's Notice of Proposed Development.

If you have any queries concerning this matter, please do not hesitate in contacting James Pettengell or myself.

Yours faithfully,

John-Paul Robertson
For and on Behalf of: One 2 One and BTCellnet Ltd
Direct Line: 01276 605056

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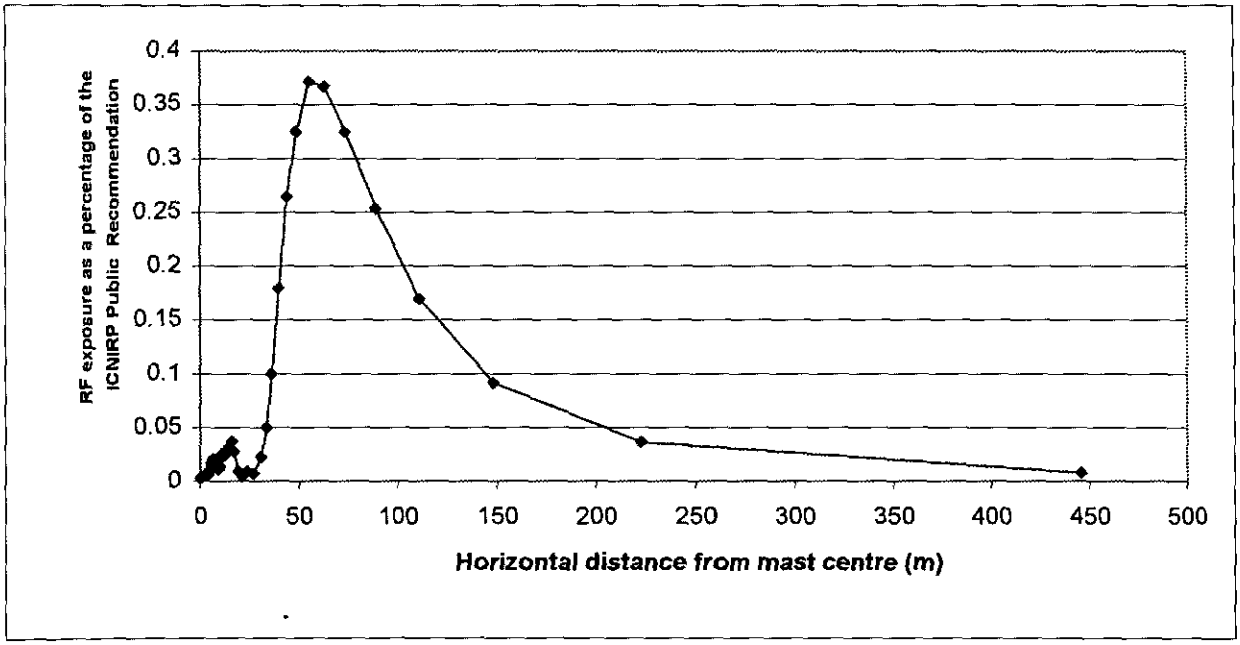

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Warnings: None

Date: 12-Nov-01

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17 DEC 2001 * 5527

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APT - Marconi
December 2001

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56 DAY LICENCE NOTICE AND SUPPORTING STATEMENT

RE: Readingensians Sports Ground
OUR REF: 98954

(Please quote above reference number in all communications)

December 2001

One2One Personal Communications
Imperial Place
Maxwell Road
Borehamwood
Herts
WD6 1EA

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

QUALITY CONTROL SHEET

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Project:	One 2 One and BTCellnet Ltd
Title:	Planning Application and Supporting Statement
Site Name:	READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.
Reference:	98954
Version:	1.0
Date:	December 2001

APT Author: John-Paul Robertson **APT Planning**	**Signed:**	**Date**: 14/12/01
Reviewed: Louise Ellett **APT Planning**	**Signed:**	**Date**: 14/12/01

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- Proposed Development
- Planning Framework
- Consideration of Alternatives
- Assessment of Need
- Conclusion

Drawing/ Plan No

- Site Location (Drg No. 00080/98954/MPC01/01/D)
- Site Set Out Plans (Drg No. 00080/98954/MPC01/01/D)
- Elevation drawing (South and North) (Drg No. 00080/98954/MPC01/01/D)

Appendix

- Radio Coverage plot showing BTCellnet's existing coverage
- Radio Coverage plot showing BTCellnet's coverage with the inclusion of the proposed site at Readingensians Sports Ground.
- Radio Coverage plot showing best server footprint
- Radio coverage plot showing coverage from option B – Sonning Golf Club
- Radio Coverage plot showing coverage from Option B – Police Mast
- Radio Coverage plot showing BTCellnets proposed future coverage for the area East of Reading.
- Power level information.
- Compliance with ICNIRP (1998) Public Exposure Guidelines
- Licence Notice
- Copy of Developers notice and covering letter
- FEI 10 Commitments Supporting Information Document

BTCellnet

17. DEC. 2001 BTCellnet 5427

1 Brunel WAy
Slough, Berkshire
SL1 1XL

Tel.: 01753 564262

12 November 2001

BTCELLNET PROPOSED TELECOMMUNICATIONS SITE
CELL ID 9922 – CHARVIL

Dear Sir/Madam,

In support of BTCellnet's requirement to install and operate 2G (GSM900/1800) and 3G (UMTS) radio equipment, a macrocell base station has been planned (1) to ease current GSM mobile traffic from adjacent existing sites; (2) for improvement of GSM mobile telephone coverage along A4; (3) and for 3G/UMTS coverage launch in the area.

The proposed base station is a site share with One-2-One at Redensians Sports Ground. Based on BTCellnet's Radio Planning Tool, antennas on a sectored column at an offered height of 11.28 metres from the ground can provide the necessary coverage. 2G and 3G functions will be carried out in all three directions of 0°, 120°, and 240°.

Please see the attached Coverage Plots as justification why a base station in Charvil is needed. The plots are on scale of 1:25,000 and can be overlaid on Ordnance Explorer Map159. For colour legend, red and light green represent Indoor coverage, dark green for In-car/On-road coverage, and Orange for Outdoor coverage. BTCellnet's marketing objective is in-door and in-car/on-road coverage for the majority of Reading.

Plot-1 is Cellnet's existing coverage at East of Reading as provided by operational sites. It shows that in-door and on-road coverage at A4 near Charvil is very poor, notice the orange coverage level. Hence a need for more sites.

Plot-2 is the coverage plot of operational sites plus 9922-Charvil. It shows that the required In-car/On-road coverage on the A4 is met by adding the base station 9922.

Plot-3 is the plot of best server footprint. It only shows which base station and sector is the dominant server in a particular area.

Plot-4 is the coverage plot of operational sites plus the option-B for cell-9922 which is the Sonning Golf Club. The required coverage level on the A4 is satisfied but not as good as the cell at One2One site share. Also, the landlord is not interested on any telecommunications mast within their premises.

Plot-5 is the coverage plot of operational sites plus the option-C for cell 9922, Police mast. This option was discounted as it did not pass the Radio Design critiria. It is located too far from the target coverage area and too close to another operational site, 2742-Woodley. T here must be a proper spacing in between sites so that the handled traffic is distributed as evenly as possible among the other sites.

Plot-6 is Cellnet's future coverage at East of Reading showing the operational sites plus all the other planned sites. Every planned site has its own specific target coverage area.

BTCellnet certifies that the proposed equipment and installation is designed to be in full compliance with the requirements of the radio frequency (RF) public exposure guidelines of the International Commission on Non-Ionising Radiation Protection (ICNIRP), as expressed in EU Council recommendation of 12 July 1999 (Reference: 199/519/EC) "on the limitation of exposure of the general public to electromagnetic fields (0Hz to 300GHz)".

Should you require any further information, please do not hesitate to contact me at the above phone number.

Respectfully yours,

Ariel Gache
Radio Network Design Engineer
Radio Design and Planning
Zone 2- EastAnglia Region
BTCellnet

A·P·T
A Marconi company

Dolphin House, Albany Park, Camberley, Surrey GU16 7QH
Telephone: (01276) 605000 Fax: (01276) 683781
Web Site: www.aptelecom.com

17.DEC.2001* 5527

Old Readingensians Association Ltd
C/O: Mr D Ching
Clarks Solicitors
Great Western House
Station Road
Reading
RG1 1JX

My Ref:JPR/98954
Date: 14 December 2001

Dear Sir /Madam,

RE. NOTIFICATION OF PERMITTED DEVELOPMENT PROPOSED BY ONE 2 ONE PERSONAL COMMUNICATIONS LTD AND BTCELLNET LTD FOR THE REPLACEMENT OF THE EXISTING 15M MONOPOLE MAST WITH A 15M MULTIPOLE COMPLETE WITH SIX DUAL POLAR ANTENNAS, ONE 300mm DISH ANTENNA AND ONE RADIO EQUIPMENT CABIN FOR ORANGE PCS LTD. ALSO THE RELOCATION OF THE EXISTING ONE 2 ONE APPARATUS, TOGETHER WITH THE INSTALLATION OF TWO FURTHER 600MM DISH ANTENNAS AT THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.

As you will be aware from your recent discussions with, James Pettengell, APT are proposing to submit an application to Wokingham District Council for the above mentioned telecommunications development.

In order to satisfy planning requirements, I am obliged to advise you of our intention to submit a formal application to the Council within the next few days. Accordingly, please find attached a Developer's Notice of Proposed Development.

If you have any queries concerning this matter, please do not hesitate in contacting James Pettengell or myself.

Yours faithfully,

John-Paul Robertson
For and on Behalf of: One 2 One and BTCellnet Ltd
Direct Line: 01276 605056

17.DEC.2001* 5527

A·P·T

A Marconi company

ADDITIONAL SUPPORTING INFORMATION TO ACCOMPANY A PRIOR APPROVAL APPLICATION UNDER PART 24 OF THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2001

Site details

Site Name	Readingensians Sports Ground	**Site Address** – Readingensians Sports Ground, Bath Road, Sonning, berks
NGR	SU 88239/68240	
Site Ref. Number	98954	
Site Type (Macro/Micro/Picocell)	Macro	**Date** – 14/12/01

Pre Application Checklist

1. **Date of last pre-rollout information submission to LPA**	14/09/2001
2. **Name of LPA contact**	Chief Planning Officer
3. **Comments – please see supporting information**	

4. **Date of written offer of pre-application consultation with LPA**	
5. **Was there pre-application contact with the LPA**	Yes
6. **Date of pre-application contact with LPA**	04/11/01
7. **Name of LPA contact**	Joss Miller
8. **Outcome**	See supporting Statement
9. **Was an LPA mast register used to check for suitable sites by the operator or the LPA?**	No
10. **If no explain why** No LPA mast register at present	
11. **Was the industry site database checked for suitable sites by the operator?**	Yes
12. **If no explain why**	
13. **Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)** **Coverage.** – See supporting Information	
14. **Alternative Sites Considered** – See supporting statement	

Technical Information

1. ICNIRP Declaration attached		Yes
2. Frequency	900/1800 MHz and UMTS	
3. Modulation characteristics	GMSK – GSM900/1800, QPSK - UMTS	
4. Power output	100w EiRP or dBm	
5. Height of antenna (m above ground level)	11.28m at midpoint	

Reasons for choice of design
Please see supporting information.

The Proposed Structure

Type of Structure (e.g. tower, mast, etc): Multipole Column mast
Overall height: 15 metres
Height of existing building (where applicable):

Equipment Housing:			**Second Equipment Housing:**
Length:	3.725	Metres	**Length:**
Width:	2.525	Metres	**Width:**
Height:	2.805	Metres	**Height:**

Materials (as applicable):
Tower/mast etc: - type of material and external colour:
Galvanised Steel
Equipment housings- type of material and external colour:
Grey plastic coated metal

Pre Application Consultation

1. Will the structure be within 3km of an aerodrome or airfield?	No
2. If Yes, has the Civil Aviation Authority, Secretary State for Defence or aerodrome operator (as appropriate) been notified?	
3. Additional relevant information	
Location of and distance to nearest residential property (were applicable)	250M
Location of and distance to nearest school or college	0.6km
Evidence that the school(s)/college(s) have been consulted	No

For further information, please contact

Name	John-Paul Robertson	**Telephone**	01276 605056
Operator	BTCellnet Ltd	**Fax no**	01276 683781
Address	Dolphin House Albany Park Camberley Surrey GU16 7QD		

Signed		**Date**	14/12/01
Position	Planning	**Company (on behalf of the above operator)**	A.P.T - Marconi

17.DEC.2001* 5527

A·P·T
A Marconi company

DEVELOPER'S NOTICE OF PROPOSED DEVELOPMENT

Proposed development at: **THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.**

I give notice that **APT** on behalf of: **One 2 One and BTCellnet Ltd**

is to apply to **Wokingham District Council** under condition A.3 of Part 24 of the Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2001 for its determination as to whether the prior approval of the authority will be required to the siting and appearance of the following development;

THE REPLACEMENT OF THE EXISTING 15M MONOPOLE MAST WITH A 15M MULTIPOLE COMPLETE WITH SIX DUAL POLAR ANTENNAS, ONE 300mm DISH ANTENNA AND ONE RADIO EQUIPMENT CABIN FOR ORANGE PCS LTD. ALSO THE RELOCATION OF THE EXISTING ONE 2 ONE APPARATUS, TOGETHER WITH THE INSTALLATION OF TWO FURTHER 600MM DISH ANTENNAS.

Under Part 24 of the Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2001, the Council are allowed 56 days beginning with the date of the application to consider whether prior approval will be required to the siting and appearance of the development proposed and, if so, to give or refuse such approval and to serve that decision upon the applicant.

Copies of the application and accompanying plans may be inspected during normal office hours at the following address;

Wokingham District Council
Council Offices
Shute End
Wokingham
RG11 1BN

Any person wishing to make representations about the siting and appearance of the proposed development are invited to forward their views in writing to the Council within **14 days of the date of this notice** clearly referring to the site address given at the top of this notice.

SIGNED:
ON BEHALF OF: **One 2 One and BTCellnet Ltd**
DATED: **14 December 2001.**

Proposed Development

The Site

The site is located in the North West of the District, outside of the village of Sonning, alongside the A4 Bath Road. Maps indicating the location of the site are provided on drawing No. 00080/98954/MPC01/01/D. The Installation is located on the N.E side of the Clubhouse building.

The planning application area covers the land required for the proposed telecommunications development and associated infrastructure.

The Proposal

The principal components of the proposed development, as outlined on the planning application form, and general layout of the proposed telecommunication infrastructure are illustrated on the attached site layout plan and elevations (drawing Nos.: 00080/98954/MPC01/01/).

This Proposal involves the installation of a 15m 'Multipole' mast to replace the existing 15m Monopole mast, complete with six Dual Polar antennas and one 300mm dish antenna for BTCellnet Ltd. The development also comprises of the relocation of the existing One 2 One telecommunications apparatus and a further two 600mm dish antennas. This development also includes the installation of an equipment cabin for BTCellnet Ltd, within the slightly enlarged compound. This shall be finished to match the existing compound. The planning application area is indicated on the attached site layout plan (drawing No. 00080/98954/MPC01/01/) by the red line boundary. The site is situated on land owned by Readingensians Sports Ground.

Design

The proposed telecommunications infrastructure, including the multipole mast and equipment cabin, has been designed having regard to technical, engineering, environmental and land use planning considerations. The use of the 'Multipole' mast design in this instance has been proposed in order to minimise the visual impact of my client's proposal. In addition the redevelopment of this installation will negate the need for a further telecommunications installation in this area. Therefore my clients are acting in line with the Governments recommendations for telecommunications developments.

Planning Policy

National Guidance

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

- Planning Policy Guidance Note (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. It also attaches importance minimising the number of installations. For example, PPG 8 paragraph 19 states:

"***The Government attaches considerable importance to keeping to a minimum, so far as practicable, the number of larger radio and telecommunications masts, and the sites for such installations.***"

Paragraph 20 states;

"The sharing of masts and sites is strongly encouraged where that represents the optimum environmental solution in a particular case..."

BTCellnet Ltd, by entering into a site share arrangement with One 2 One Ltd, at this proposed site, is conforming to the above statement.

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***"

It is the Government's view that if a proposed development meets the International Commission on Non-Ionising Radiation Protection (ICNIRP) 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 message was re-stated by Nick Raynsford to all English MPs and local authorities in a letter, dated 29 June 2000. It has since been further re-emphasised in the Government's press release on 'Better Consultation on mobile Phone Masts' dated 16 March 2001.

The EU Recommendation is based on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines for limiting general public exposure to electromagnetic fields (radio waves). ICNIRP 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.

The UK mobile phone operators will, as a minimum, build base station sites to comply with the ICNIRP 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 general public exposure guidelines. These points define a volume within, which there is the potential to exceed the ICNIRP general public exposure guidelines. This volume is referred to as the "***EU Zone***" or "***ICNIRP Public Zone***" and public access is restricted to these areas. For large base stations this area or exclusion zone are around 2.5 metres from the antennae, for smaller installations, as little as 3.5 centimetres. However, the areas where ICNIRP guidelines may be exceeded during maximum antenna loading will be restricted to public access and warning signs will be displayed.

Compliance overview
When compared to the ICNIRP 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.

Consideration of Alternatives

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.

In line with Planning Policy Guide 8 (PPG8), it is my client's policy that, when identifying a site to locate telecommunications equipment, consideration must first

be given to utilising existing buildings, radio towers and other structures. If no suitable structure can be found only then will consideration be given to the construction of a purpose-built tower.

Site Specific Alternatives Considered

Other sites investigated included:

(A) – Existing Orange Mast, Lodden Drive

Joss Miller, of Wokingham District Councils planning department, in previous discussions recommended this site. Unfortunately the site had to be discounted, as it is located too far from the intended coverage area and too close to another operational site 003668 - Lodden

(B) –Sonning Golf Club.

The site was rejected, as the landowner was not interested in having a base station on the property

(C) – Existing Police Tower

The site was rejected, as it is located too far from the intended coverage area and too close to another operational site 2472 – Woodley.

The site at Readingensians was considered the most appropriate site that met the required criteria for this cell. The location was chosen for the screening provided by the adjacent buildings and trees in close proximity to the site as well as its distance and screening from residential properties. The site is also situated in an agricultural/commercial setting and should not therefore have a detrimental impact upon the local visual amenity..

Assessment of Need

BTCellnet Ltd has identified a need for the proposed development on the basis of an assessment of their existing network. This assessment identified a requirement to upgrade and expand the network to be able to handle the demand for calls as well as to facilitate the introduction of the various forms of high-speed data transmission. The introduction of these new technologies require additional infrastructure to be established.

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

1. Coverage – Under the terms of its license, granted by the Government, BTCellnet Ltd is under a legal obligation to expand its network to accommodate customer requirements of service and quality (see PPG8, paragraph 8(ii)). It is also required to ensure that all reasonable demands for service are capable of being met (see Code of Best Practice, part 1.2 paragraph 3). These demands by residential and commercial customers extend to the requirement for network coverage to be available at home, in the workplace, while shopping, enjoying leisure activities and while on the move.

2. Quality – In order to ensure coverage within buildings such as homes, shops, offices etc. the radio signal has to be of sufficient strength to penetrate walls. Radio base stations are low-powered devices (between 2 and 70 watts) communicating

with low-powered handsets (2 watts maximum) and can only cover limited geographical areas; up to a theoretical maximum of 32 kilometres in flat, sparsely-populated areas and as a little as a few hundred metres in busy, urban centres.

3. Capacity – The coverage of networks are provided through a series of radio base stations each with a certain cell coverage area. The size of each cell is determined by a number of factors, in particular this is related to the demand from subscribers. As the use of and demand for mobile phones has increased the number of sites required to provide sufficient network capacity has increased. Each cell or base station can only handle a finite number of calls therefore in areas of high use additional cells are required to meet demands on the network. Capacity can be expanded either by introducing new sites or by splitting existing cells.

With the majority of the operator's network being operational and fixed the potential locations for new sites are limited. 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 radio parameters for any site can also be influenced by local topographical factors and clutter caused by trees or tall buildings.

It is for these reasons that it is important to achieve a comprehensive service of quality for mobile users. The main complaints received by mobile telephone operators about their service relate to the problems associated with dropped calls and no service.

The benefits of providing a modern telecommunications system and the need for providing sufficient levels of coverage, quality and capacity are recognised by the Government. In its statement on mobile phone masts on 16 March 2001 the Government states:

"***Parents and children feel more secure because of them. Mobile phones have saved lives – they allow emergency services to be called immediately when they are needed. None of this could happen without the masts and other infrastructure which enable the service to be delivered.***"

Conclusions

There is a requirement by the operator to increase telecommunication network coverage, quality and capacity in this locality. Network planners have identified a need for a further installation, which is demonstrated in the coverage plots included. The proposed development will address this identified need and improve the operators network in line with their licence requirements and customer demands.

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.

We can confirm that the proposed site at Readingensians Sports Ground will conform to both NRPB and ICNIRP guidelines in areas that are accessible to the public.

APT - Marconi
December 2001

17 DEC 2001* 5527

A·P·T

A Marconi company

ADDITIONAL SUPPORTING INFORMATION TO ACCOMPANY A PRIOR APPROVAL APPLICATION UNDER PART 24 OF THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2001

Site details

Site Name	**Readingensians Sports Ground**	Site Address: **EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.**
NGR	**476529 / 175093**	
Site Ref. Number	**11053**	
Site Type (Macro/Micro/Picocell)	**Macro**	Date: **14/12/01**

Pre Application Checklist

1. Date of last pre-rollout information submission to LPA	**14/09/2001**
2. Name of LPA contact	
3. Comments	

4. Date of written offer of pre-application consultation with LPA	
5. Was there pre-application contact with the LPA	**Yes**
6. Date of pre-application contact with LPA	**October 2001**
7. Name of LPA contact	**Joss Miller**
8. Outcome	**See supportive statement**
9. Was an LPA mast register used to check for suitable sites by the operator or the LPA?	**No**
10. If no explain why. **NO MAST REGISTER IN PLACE**	
11. Was the industry site database checked for suitable sites by the operator?	**YES**
12. If no explain why.	
13. Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required) **Improve coverage and capacity**	
14. Alternative Sites Considered – See supporting statement (If no alternatives have been considered please explain why) **Please see supporting Info.**	

The Proposed Structure

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Type of Structure; **MULTIPOLE MAST**			
Overall height:	**15 Metres**		
Height of existing building (where applicable):	Metres		
Equipment Housing:		Second Equipment Housing:	
Length:	**3.725 m**	Length:	Metres
Width:	**2.525 m**	Width:	Metres
Height:	**2.805 m**	Height:	Metres

Materials (as applicable):
Tower/mast etc: - type of material and external colour: **Galvanised Steel**

Equipment housing- type of material and external colour: **Plastic coated metal, Grey**

Pre Application Consultation

1. Will the structure be within 3km of an aerodrome or airfield?	**No**
2. If Yes, has the Civil Aviation Authority, Secretary State for Defence or *aerodrome operator (as appropriate) been notified?*	**No**
3. Additional relevant information	
Location of and distance to nearest residential property (were applicable)	**250 M**
Location of and distance to nearest school or college	**0.6 KM**
Evidence that the school(s)/college(s) have been consulted	**No**

For further information, please contact

Name	**John-Paul Robertson**	Telephone	**01276 605056**
Operator	**On behalf of: BT Cellnet Ltd**	Fax no	**01276 683781**
	Albany Park		
	Camberley		
	Surrey		
	GU16 7QD		

Signed _____ Date **14th December 2001**

BTCellnet

17. DEC. 2001 5:27

BTCellnet
1 Brunel WAy
Slough, Berkshire
SL1 1XL

Tel.: 01753 564262

12 November 2001

BTCELLNET PROPOSED TELECOMMUNICATIONS SITE
CELL ID 9922 – CHARVIL

Dear Sir/Madam,

In support of BTCellnet's requirement to install and operate 2G (GSM900/1800) and 3G (UMTS) radio equipment, a macrocell base station has been planned (1) to ease current GSM mobile traffic from adjacent existing sites; (2) for improvement of GSM mobile telephone coverage along A4; (3) and for 3G/UMTS coverage launch in the area.

The proposed base station is a site share with One-2-One at Redensians Sports Ground. Based on BTCellnet's Radio Planning Tool, antennas on a sectored column at an offered height of 11.28 metres from the ground can provide the necessary coverage. 2G and 3G functions will be carried out in all three directions of 0°, 120°, and 240°.

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Plot-6 is Cellnet's future coverage at East of Reading showing the operational sites plus all the other planned sites. Every planned site has its own specific target coverage area.

BTCellnet certifies that the proposed equipment and installation is designed to be in full compliance with the requirements of the radio frequency (RF) public exposure guidelines of the International Commission on Non-Ionising Radiation Protection (ICNIRP), as expressed in EU Council recommendation of 12 July 1999 (Reference: 199/519/EC) "on the limitation of exposure of the general public to electromagnetic fields (0Hz to 300GHz)".

Should you require any further information, please do not hesitate to contact me at the above phone number.

Respectfully yours,

Ariel Gache
Radio Network Design Engineer
Radio Design and Planning
Zone 2- EastAnglia Region
BTCellnet

17. DEC. 2001 * 5527

56 DAY LICENCE NOTICE AND SUPPORTING STATEMENT

RE: Readingensians Sports Ground
OUR REF: 98954

(Please quote above reference number in all communications)

December 2001

One2One Personal Communications
Imperial Place
Maxwell Road
Borehamwood
Herts
WD6 1EA

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

QUALITY CONTROL SHEET

17.DEC.2001★ 5527

Project:	One 2 One and BTCellnet Ltd
Title:	Planning Application and Supporting Statement
Site Name:	READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.
Reference:	98954
Version:	1.0
Date:	December 2001

APT Author: John-Paul Robertson **APT Planning**	**Signed**:	**Date**: 14/12/01
Reviewed: Louise Ellett **APT Planning**	**Signed**:	**Date**: 14/12/01

CONTENTS

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Section

- Application Forms and Certificates
- Proposed Development
- Planning Framework
- Consideration of Alternatives
- Assessment of Need
- Conclusion

Drawing/ Plan No

- Site Location (Drg No. 00080/98954/MPC01/01/D)
- Site Set Out Plans (Drg No. 00080/98954/MPC01/01/D)
- Elevation drawing (South and North) (Drg No. 00080/98954/MPC01/01/D)

Appendix

- Radio Coverage plot showing BTCellnet's existing coverage
- Radio Coverage plot showing BTCellnet's coverage with the inclusion of the proposed site at Readingensians Sports Ground.
- Radio Coverage plot showing best server footprint
- Radio coverage plot showing coverage from option B – Sonning Golf Club
- Radio Coverage plot showing coverage from Option B – Police Mast
- Radio Coverage plot showing BTCellnets proposed future coverage for the area East of Reading.
- Power level information.
- Compliance with ICNIRP (1998) Public Exposure Guidelines
- Licence Notice
- Copy of Developers notice and covering letter
- FEI 10 Commitments Supporting Information Document

Replace this page with completed Application Forms and Certificates

17.DEC.2001* 5527

APT - Marconi
December 2001

Applicationo	Name & Address
F/2001/5527	Alastair Driver Wisteria Garde Road SONNING Berkshire RG4 6XJ
Application Refused	Letters sent 12.02.02

WOKINGHAM UNITARY
Aiming for Excellence

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

REFUSAL/APPROVAL OF PRIOR APPROVAL OF TELECOMMUNICATIONS NOTIFICATION

Mr J Robertson
APT
Dolphin House
Albant Park
Camberly
Surrey
GY167QH

Notification No: TL/2001/5527

Parish: Sonning

Proposal: PROPOSED REPLACEMENT OF EXISTING 15 METRE HIGH MONOPOLE, WITH A 15 METRE HIGH MONOPOLE, WITH SIX DUAL POLAR ANTENNAS, ONE NO. 300MM DISH ANTENNA AND ONE EQUIPMENT CABIN

Location: OLD REDINGENSIANS, OLD BATH ROAD, SONNING.

The Wokingham District Council in pursuance of their powers under Part 24 of the Town and Country (General Permitted Development) (Amendment) Order 1998 **REFUSES** prior approval for the above stated telecommunications equipment, the reasons/conditions for which are specified hereunder.

Reason:

1) The proposed telecommunications equipment, due to its height and bulk, is unacceptable, as it would result in an adverse impact on the visual amenities of the surrounding area.

Date: 8/2/02

Development Control Manager D. G Watson

Faxed + Posted
1st Class
08/02/02

WOKINGHAM UNITARY
Aiming for Excellence

PLANNING SERVICES

Fax Cover Sheet

DATE: 08/02/02

TO: Mr Robertson

FROM: Miss K Pollock **Planning Services.**

NUMBER OF PAGES INCLUDING THIS HEADER SHEET: 2

RECIPIENT FAX NUMBER: 01270 535501

OUR FAX NUMBER: (0118) 974 6484

SUBJECT: TL/2002/5527

NOTES:
Prior Approval Notification

* * * COMMUNICATION RESULT REPORT (8.FEB.2002 12:50) * * *

TTI WDC PLAN&TRANSPORT

FILE	MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
874	MEMORY TX		901270535501	OK	P. 2/2

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

WORK SHEET FOR : Andrew Thorley

Application Number : TL/2001/5527

Applicant : Bt Cellnet Ltd C/O APT.

Location : Old Redingensians, Old Bath Road, Sonning, Reading.

Proposal : Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin.

Site Notice Displayed ? :

YES	NO	DATE

Date of Neighbour Notifications : .....

Date of Site Visit : .....

Date Registered : 17/12/2001

Earliest Date for Decision : 14/01/2002

Latest Consultation Date/Site Notice Expiry Date : 14/01/2002

This application <u>will have expired on</u>: <u>11/02/2002.</u> 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 :

Propety - no objection - not council land.
E.H - no objection
1x neighbour obj ; visual impact → propose tree outside.

Planning Issues :

1) Impact upon character of area + Street Scene.

Application Number: TL/2001/5527

Appraisal :

The proposed telecommunications mast & equipment is located around 140m from the closest residential property, and would as such have only a minimal impact.

The site is designated within the local plan as Countryside & Green Gap & wedge. It is therefore considered that the proposed 15m high monopole being 1m wide @ the base & 0.6m wide at the top & having 6 dual polar antennas + 1 x 300mm dish antenna, extending to [redacted] 4m in width, would have an adverse impact upon the visual amenity of the area, to the detriment of the surrounding areas character & appearance.

Although this proposal represents a better scheme that that previously [redacted] refused application TL/2001/4636 for a 15m high lattice mast, it would still have a significant negative visual impact upon the area.

The applicants were given the opportunity to reduce the impact of the scheme, but consider they would be unable to provide [redacted] both the 2G + 3G Cover for One 2 One & BTCellnet that is required with any less equipment.

Recomendation : Approval: ☐ **Refusal:** ☑ T. Watson

(tick appropriate box)

Application Number TL/2001/5527
Conditions/Reasons for Refusal

No	Std Con	Std Reas	Non Std Conditions / Reasons for Refusal

RECORD OF SITE VISIT

SITE ADDRESS: Old Redingensians
Old Bath Road Sonning Reading.

APPLICATION NUMBER: TL/2001/5527

OFFICER: Andrew Thorley

DATE OF SITE VISIT:.....

1 SITE/STATUTORY NOTICE DISPLAYED ? Yes @ Site entrance

2. DESCRIPTION OF SURROUNDINGS

Sports field

3. DESCRIPTION OF SITE/BUILDING

next to Sports building

4. RELATIONSHIP TO ADJOINING PROPERTIES

See map → residential ≈100m away.

5. SITE CONSTRAINTS

TREES —

ACCESS/PARKING —

LEVELS —

BOUNDARY TREATMENT Some trees + shrubs ≈8m along

OTHERS boundary with rd

FAX message

PLANNING SERVICES	HPT 52743
POL	TLS
DC H8	ENF
APP	
CS	
05 FEB 2002	
COPIES TO:	ACK:
	FILE:

A.P.T., Dolphin House, Albany Park, Camberley, Surrey GU16 7QD
Telephone: +44 (0) 1276 605000
Fax: +44 (0) 1276 683781

To: Helen Pollock

Fax Number: 0118 974 6484

From: John-Paul Robertson

Direct Line: 01276 605056

Re: Old Readingensions

Date: 5th feb 2002

Number of pages including this: 2

☐ Urgent ☑ For your review ☐ Please reply ASAP ☐ Please Comment

Helen

Please find attached as requested Some info regarding the technical restrictions affecting this site

Regards

John-Paul Robertson

01276 683781

A·P·T
A Marconi company

Dolphin House, Albany Park, Camberley, Surrey GU16 7QH
Telephone: (01276) 605000 Fax: (01276) 683781
Web Site: www.aptelecom.com

The Chief Planning Officer
Wokingham District Council
Council Offices
Shute End
Wokingham
RG11 1BN

My Ref. JPR/98954
Date: 05 February 2002

Dear Ms Pollock,

Re: NOTIFICATION OF PERMITTED DEVELOPMENT PROPOSED BY ONE 2 ONE PERSONAL COMMUNICATIONS LTD AND BTCELLNET LTD FOR THE REPLACEMENT OF THE EXISTING 15M MONOPOLE MAST WITH A 15M MULTIPOLE COMPLETE WITH SIX DUAL POLAR ANTENNAS, ONE 300mm DISH ANTENNA AND ONE RADIO EQUIPMENT CABIN FOR ORANGE PCS LTD. ALSO THE RELOCATION OF THE EXISTING ONE 2 ONE APPARATUS, TOGETHER WITH THE INSTALLATION OF TWO FURTHER 600MM DISH ANTENNAS AT THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.

I write in reference to our conversation this morning, the 5th of February 2002. We are unfortunately unable to further revise the proposed scheme, due to the technical requirements this site is designed to meet. Both One 2 One and BTCellnet Ltd require this site to provide both 2G and 3G coverage. This leads to the requirement of the number of antennas shown. These antennas are mounted on headframes, as it is not technically possible to mount the number of antennas required directly to the monopole structure. A reduction in the number of antennas within this development would lead to a shortfall of coverage to both networks. This in turn would lead to the requirement of further telecommunications installations in this area, to provide similar levels of coverage that this proposed development shall provide.

Yours faithfully,

John-Paul Robertson
For and on Behalf of: One 2 One Personal Communications Ltd and BTCellnet Ltd
Direct Line: 01276 605056

FILE COPY

Tel. 0118 974 6480 (Direct Line)
Fax. 0118 974 6484
Email. helen.pollock@wokingham.gov.uk
Date. 31st January 2002
My ref. HP/MLT/TL2001/5527
Your ref. 98954

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) 977 8909
DX: 33506 – Wokingham

Mr J Robertson
APT
Dolphin House
Albant Park
Camberly
Surrey
GU16 7QH

Dear Mr Robertson,

PROPOSED REPLACEMENT OF EXISTING 15 METRE MONOPOLE WITH A 15 METRE HIGH MONOPOLE, WITH SIX DUAL POLAR ANTENNAS, ONE 300MM DISH ANTENNA AND ONE EQUIPMENT CABIN AT OLD REDINGENSIANS, OLD BATH ROAD, SONNING.

I refer to your notification for a replacement 15 metre high monopole, associated equipment and cabin.

I write to formally advise you that the Local Planning Authority requires prior approval of this scheme, in view of its potential visual impact upon the area.

I would be grateful if you could advise me in writing within seven days of this letter, if you are able to revise the scheme in favour of a more elegant and attractive mast, more appropriate to the location, which is designated within the Wokingham District Local Plan as Green Gap.

Yours sincerely,

MLT

M L THORP
Principal Development Control Officer

faxed + posted 1st class 31/01/02

File: Old Redingensians(5527 - prior approval

* * * COMMUNICATION RESULT REPORT (31.JAN.2002 15:14) * * *

TTI WDC PLAN&TRANSPORT

FILE	MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
722	MEMORY TX		901270535501	OK	P. 2/2

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-2) BUSY
E-3) NO ANSWER
E-4) NO FACSIMILE CONNECTION

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Aiming for Excellence

PLANNING SERVICES

Fax Cover Sheet

DATE: 31/01/02

TO: MR Robertson

FROM: MISS H Pollock **Planning Services.**

NUMBER OF PAGES INCLUDING THIS HEADER SHEET: 2

RECIPIENT FAX NUMBER: 01270 535501

OUR FAX NUMBER: (0118) 974 6484

SUBJECT: TL/2001/5527

NOTES:

PLANNING SERVICES	HPT 1st Jan 2002
POL	TLS
DC AT	ENF
APP HP	
CS	
0 3 JAN 2002	
COPIES TO:	ACK ✓
	FILE

068

Wisteria,
Garde Rd,
Sonning,
Berks.
RG4 6XJ.

Dear Mr Thorley,

Re: Planning Application No. TL/2001/5527

Thankyou for the consultation on the above planning application relating to the modification of the BT Cellnet mast at Old Redingensians RFC, Bath Rd, Sonning. The existing mast is a prominent feature on the skyline as viewed from Garde Rd, and I strongly recommend that the modified mast, which will be even more of an eyesore, should be disguised as a tree in order to reduce its visual impact. I have noticed that this option has been used in other rural environments in the Thames Valley, and as the eastern outskirts of Sonning are essentially pastoral, every attempt should be made to reduce the impact of the structure upon the local landscape.

Yours sincerely,

Alastair Driver

CC Sonning Parish Council

From
To: Peter J. Anderson
Property Dept

~~From~~ To
From: Andrew Thorley HP



Date: 21 December 2001

Application Number: TL/2001/5527

Proposal: Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin..

Site Address:
Old Redingensians, Old Bath Road, Sonning, Reading.

Applicant:
Bt Cellnet Ltd C/O APT.

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

Andrew,

The above application does not occur on Council owned property nor do we have any adjacent property therefore we are not in a position to comment.

Peter Anderson
Technical Assistant
Estates Unit ext 6720

PLANNING SERVICES	HPT
POL	TLS
DC	BNF
APP	
CS	
18 JAN 2002	
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	FILE:

WOKINGHAM DISTRICT COUNCIL
ENVIRONMENTAL PROTECTION AND HOUSING

HP

MEMORANDUM

To: Andrew Thorley
Development Control

Your Ref: TL/2001/5527

From: Tom Payne
Environmental Health

My Ref: 20016165

Date. 3 January 2001

PROPOSED REPLACEMENT OF EXISTING 15M MONOPOLE WITH A 15M HIGH MONOPOLE WITH 6 DUAL POLAR ANTENNAS, 1 X 300MM DISH ANTENNA AND ONE EQUIPMENT CABIN.

OLD REDINGENSIANS, OLD BATH ROAD, SONNING, READING.

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

Tel: 0118 974 6441

Date:

My ref: TL/2001/5527

WOKINGHAM UNITARY
Aiming for Excellence

CONFIDENTIAL

Councillor N Rose
Spinney Side
Holme Park Farm Lane
Sonning
Berks
RG4 6SX

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

Application Number: TL/2001/5527
Old Redingensians, Old Bath Road, Sonning, Reading.
Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin.

I write to let you know that the above mentioned application has been recommended for

APPROVAL: ☐ REFUSAL: ☐ under delegated powers.

If you have any questions please do not hesitate to contact **Andrew Thorley** on **0118 974 6441**. If you then feel the application needs to be transferred to the next available Development Control Committee for decision please fill in the form below.
This form must be received no later than _____

Yours faithfully

Principal Development Control Officer

LISTING FORM

Case officer: **Andrew Thorley** *Application Number:* **TL/2001/5527**
Old Redingensians, Old Bath Road, Sonning, Reading.
Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin.

Transfer: Yes ☐ No ☐
Reason for Transfer:

_____

_____

Signed: _____ Date: _____

Councillor N Rose

NB. It would be helpful for speedy decision making if you could respond, even if you do not wish this application to be transferred.

Received by Wokingham District Council

Application No: TL/2001/5527

Proposal:
Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1 x 300mm dish antenna and one equipment cabin.

Location:
Old Redingensians, Old Bath Road, Sonning, Reading.

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 TL/2001/5527 to enable the library staff to locate the correct information.

Comments should be sent in writing QUOTING THE APPLICATION NUMBER to the Case Officer Andrew Thorley P.O. Box 157 Council Offices, Shute End, Wokingham Berkshire, RG40 1WR to arrive on or before 14/01/2002. 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

21 December 2001

56 DAYS

Application Number : TL/2001/5527	Map No : 32
Case Officer : AT	Site Area : 0 02
Valid Date : 17.12.01	Received Date: 17/12/2001

Level : Delegated Application

Description : Proposed replacement of existing 15m monopole with a 15m high monopole with 6 dual polar antennas, 1x300mm dish antenna and one equipment cabin.

Location : Old Redingensians, Old Bath Road, Sonning, Reading.

Parish : SO Ward : SON 21/12/01 JB

Applicant : Bt Cellnet Ltd C/O APT.

Fee Required: £190 Fee Received: £190 (9)

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

Enforcement Section to be notified ☐ (tick if required)

Additional information required for validation;

REASON	NOTES	DATE REQ	DATE RECD
LOCATION PLANS			
BLOCK PLANS			
FORMS UNSIGNED			
S.66 MISSING/INCORRECT/ UNSIGNED			
ELEVATION PLANS			
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 21.12.01 JB.

Building Control

Heritage (Harold Sanders)

Landscape

Trees

Environmental Health ✓

Housing

Leisure & Cultural Services

Public Rights of Way Officer

Property ✓

Policy & Plans

Joint Strategic Planning Unit

Archaeological Officer (BABTIE)

Education

Social Services

Highways

EXTERNAL CONSULTATIONS

Adjacent DPA : _____

Adjacent Parish : _____

SEB

British Gas

Oil pipeline

Transco

Environment Agency

Railtrack

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

.....

.....

.....

.....

.....

.....

NEIGHBOURS

See map

.....

.....

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

17.DEC.2001* 5527

The Chief Planning Officer
Wokingham District Council
Council Offices
Shute End
Wokingham
RG11 1BN

My Ref. JPR/98954
Date: 17 December 2001

Dear Sir,

TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2001 - PART 24 DEVELOPMENT BY TELECOMMUNICATIONS CODE SYSTEM OPERATORS

NOTIFICATION OF PERMITTED DEVELOPMENT PROPOSED BY BT CELLNET LTD FOR THE REPLACEMENT OF THE EXISTING 15M MONOPOLE MAST WITH A 15M MULTIPOLE AND SITING OF ONE ADDITIONAL RADIO EQUIPMENT CABIN. AT THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.

BT Cellnet Ltd are licensed to provide a Cellular Radio Network within the United Kingdom. In order to facilitate this, the companies have been conferred the status of Public Telecommunication Code System Operators to provide a public telecommunication system under Section 9 of the Telecommunications Act 1984.

We are writing, on behalf of BT Cellnet Ltd to make application under condition A.3 (3) of the above Order for a determination as to whether the prior approval of the authority will be required to the siting and appearance of the development. We attach plans (Ref. No: 00080/98954/MPC01/01D) showing the proposed installation.
Should you wish to discuss the proposals in greater detail, or require further technical information, please do not hesitate to contact the undersigned.

Yours faithfully,

John-Paul Robertson
For and on Behalf of: BT Cellnet Ltd
Direct Line: 01276 605056

17. DEC. 2001 * 5527

56 DAY PRIOR APPROVAL NOTIFICATION AND SUPPORTING STATEMENT

RE: Readingensians Sports Ground
OUR REF: 98954
(Please quote above reference number in all communications)

December 2001

BT Cellnet
260 Bath Road
Slough
Berkshire
SL1 4DX

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

 17.DEC.2001* 5527

CONTENTS

Section

- Application Forms and Certificates
- Proposed Development
- Planning Framework
- Consideration of Alternatives
- Assessment of Need
- Conclusion

Drawing/ Plan No

- Site Location (Drg No. 00080/98954/MPC01/01/D)
- Site Set Out Plans (Drg No. 00080/98954/MPC01/01/D)
- Elevation drawing (South and North) (Drg No. 00080/98954/MPC01/01/D)

Appendix

- Radio Coverage plot showing BTCellnet's existing coverage
- Radio Coverage plot showing BTCellnet's coverage with the inclusion of the proposed site at Readingensians Sports Ground.
- Radio Coverage plot showing best server footprint
- Radio coverage plot showing coverage from option B – Sonning Golf Club
- Radio Coverage plot showing coverage from Option B – Police Mast
- Radio Coverage plot showing BTCellnets proposed future coverage for the area East of Reading.
- Power level information.
- Compliance with ICNIRP (1998) Public Exposure Guidelines
- Licence Notice
- Copy of Developers notice and covering letter
- FEI 10 Commitments Supporting Information Document

17.DEC.2001* 5527

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

The Chief Planning Officer
Wokingham District Council
Council Offices
Shute End
Wokingham
RG11 1BN

My Ref.: 98954
Date: 17 December 2001

Dear Sir,

LICENCE NOTIFICATION AS REQUIRED BY THE PUBLIC TELECOMMUNICATIONS CODE SYSTEMS OPERATORS LICENCE GRANTED PURSUANT TO THE TELECOMMUNICATIONS ACT 1984

NOTIFICATION OF PERMITTED DEVELOPMENT PROPOSED BY BT CELLNET FOR THE INSTALLATION OF SIX DUAL POLAR ANTENNAS, ONE 300mm DISH ANTENNA. ONE 2 ONE PERSONAL COMMUNICATIONS LTD RELOCATION OF THE EXISTING APPARATUS, TOGETHER WITH THE INSTALLATION OF TWO FURTHER 600MM DISH ANTENNAS AT THE EXISTING ONE 2 ONE RADIO SITE, READINGENSIANS SPORTS GROUND, BATH ROAD, SONNING, BERKS, RG4 6TD.

BTCellnet Ltd and One 2 One are licensed to provide a Cellular Radio Network within the United Kingdom. In order to facilitate this, the companies have been conferred the status of Public Telecommunication Code System Operators to provide a public telecommunication system under Section 9 of the Telecommunications Act 1984.

As a condition of its operating licence, One 2 One and BTCellnet Ltd are obliged to give you notice of their intention to carry out the development specified above and as shown on the attached plans numbered 00080/98954/MPC01/01D.

The proposed works constitute permitted development under Class A to Part 24 of the Town and Country Planning (General Permitted Development) (Amendment) (England) Order 2001.

I trust that this clarifies the situation.

Yours faithfully,

John-Paul Robertson
For and on behalf of: One 2 One Personal Communications Ltd and BTCellnet Ltd
Direct Line: 01276 605056

Facsimile

01270 535501

A·P·T
A Marconi company

17.DEC.2001* 5527

To	Mrs Hurst
Bus/Dept	Planning Department
Company	Wokingham District Council
Fax No.	0118 974 6484
Tel. No.	0118 974 6429
Your Ref	
No. of pages including this one	12

From	James Pettengell
Bus/Dept	Acquisition- Crewe
E-mail	James.pettengell@aptelecom.com
Fax No.	01270 535501
Tel. No.	01270 535545
Our Ref	98954
Date	17 December 2001

Dear Mrs Hurst,

As discussed this morning please find to follow:

1. Amended Cover letter
2. Amended Supporting Statement
3. Amended License Notification

Hard copy is in the post.

I trust this is acceptable. However if there are any problems please contact me on the above number.

Kind Regards

James Pettengell

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.

① ADDRESS Sports Ground adjoining - OLD BATH ROAD. PARISH Sonning E

PLOT No. ORD. SHEET No. 32/37

BUILDER

Plan No.	Applicant	Description of Development	Date of Decision	Decision
13968	REDINGENSIANS SPORTS CLUB	15' POLES FOR RUGBY NETS	28.8.80	N/A C/A
1394/71	Redingensians Sports Club	New pavilion & caretakers bungalow	30.12.71	App C/A
02268	Mrs. B.M. Sumpter	Use as play group	15 5 75	N/A C/A
04011	Redingensians Sports Club Ltd	Carwar for Res Purposes (Renew Planning)	20 2 76	N/A TP 31.3.79
07010	" " "	adjacent to club house Q/App. Two squash courts	27.10.77	N/A C/A
08670	"	BEER STORE	3.8.78	N/A C/A
6R9786	"	"	2.11.78	App N/A
09970	"	RENEWAL CLUB CARAVAN FOR RES.	15.2.79	N/A 31.3.82 T.P.
10043	PINDISPORTS	TENT EXHIBITION MAY - AUGUST '79	15.3.79	N/A REF.

DATE OF COMPLETION

MINISTRY DECISION

SPECIAL ORDERS SITE LICENCE APPL. - 09970

DRAINAGE

2/ ADDRESS Redingensians Sports Clubs Old Bath Road PARISH Sonning E

PLOT No. ORD. SHEET No.

BUILDER

Plan No.	Applicant	Description of Development	Date of Decision	Decision
14918	Redingensian Sport Club	Sub of metal poles for Wooden poles on Northern boundary	12.3.81	N/A cf
6 [illegible]47	"	8 FLOODLIGHTS	14.1.82	N/A C/A
16952	"	RENEWAL 09970 Caravan	11.2.82	31.3.84 TP
16953	"	SITE LICENCE	11.2.82	31.3.84 TP
~~17795~~	"			
6R21570	"	WCS & SHOWERS	14.11.83	App N/A
21001,2	"	RENEWAL 16952,3	8.3.84	N/A 31.3.84 TP
21952	E. Wessex Territorial Aux.	ATC Lecture Hall	26.7.84	N/A N/A OBJ.
24009	REDINGENSIANS	2/ST. EXTENSION	11.9.85	N/A C/A
ARA1924	"	" TO CLUB HOUSE	3.12.86	App

DATE OF COMPLETION

MINISTRY DECISION

SPECIAL ORDERS

DRAINAGE

091074
29432 " RENEWAL 21001,2 20.1.88 31.1.91
29433 "

3 ADDRESS Sports Ground PARISH Downing

PLOT No. Opp Bath Road ORD. SHEET No.

BUILDER Reavingensians Sports Club

Plan No.	Applicant	Description of Development	Date of Decision	Decision
38230	"	Physiotherapy Unit	15.10.91	Ref.
38829	"	"	12.2.92	C/A
FP/92/0279	"	"		Ref
FP/92/0279A	"	"	15.7.92	App
98/67157/F	"	Install Add. Floodl Lights	2.7.98	C/A.
C/67175/02	"	Details to comply with 98/67157/F for app. of revised landscape scheme.	30/3/99	App
TL/2000/1145	One 2 One	erect of 15m lattice mast to repl monopole mast	22.5.00	Ref
TL/2001/4636	Mr J Robertson	erect of 15m monopole	19.09.01	Ref

DATE OF COMPLETION

MINISTRY DECISION

SPECIAL ORDERS TL122 - 15m. monopole - 3 cross polar antennas, 2 dish antennas radio equip. housing & ancs. development - 19/1/00 REF

DRAINAGE

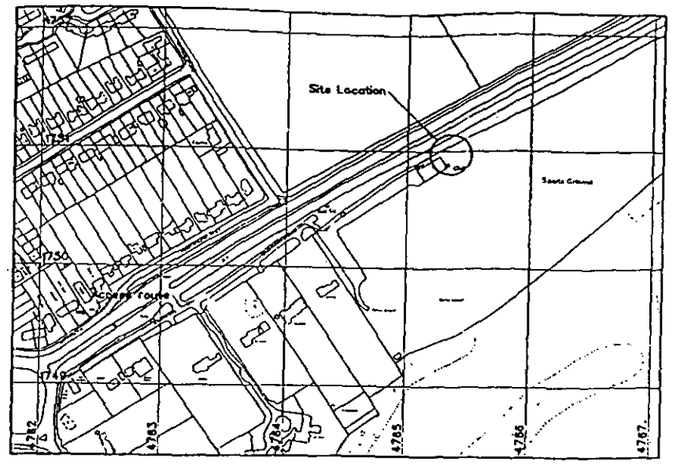
091074

17 DEC 2001 5527

Proposed BT Cellnet meter cabinet
Proposed 1.5m wide access gate
o2o meter cabinet
Proposed BT Cellnet cabin on modified tower base
Access track for emergency vehicles
Water tap
GRASS AREA
Fenceline (to be removed)
Proposed 15m Swann multipole
Proposed BT Cellnet 450mm cable ladder and support poles
Proposed o2o compound extension enclosed by Dricks fence topped with 3 strands of barbed wire, overall height 2.4m. (o2o type 4).
Proposed o2o 450mm cable tray and support poles
Container on concrete base
o2o 15m tower with cross polar antennas and transmission dishes (to be removed).
CONCRETE AREA
o2o cable tray gantry and support poles (to be removed)
Air conditioning units to be installed if required by o2o
o2o Large cabin on concrete base
o2o gravel finish over terram 1000 geotextile membrane
Viewing balcony
Stairs to balcony
TV aerial
Concrete area
GRASS AREA

N W E S

PLAN LAYOUT
Scale 1:100



SITE LOCATION MAP
CELL: 98954 SITE ID:727642
NATIONAL GRID REFERENCE 476529/175093
Scale 1:2500

CAD File Ref No APT10369_D

NOTES
1.1. Do not scale.
1.2. All dimensions are in mm, unless otherwise specified.
1.3. Assume all site details are existing unless otherwise specified.

o2o EQUIPMENT
EXISTING CABIN DETAILS :
o2o Ref : Portasta Large Cabin
Dimensions : 3200 x 2700 x 2900 high
Material : Steel
Colour : Grey

PROPOSED TOWER DETAILS :
o2o ref : 15m Swann multipole

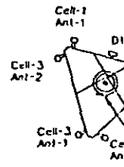
PROPOSED ANTENNA DETAILS :
3 No cross polar antennas with orientation of 50°, 230° & 320°

PROPOSED DISH DETAILS :

DISH ID	D1	D2	D3	D4
DISH SIZE	600	600	600	600
HEIGHT m AGL	15.5	15.5	15.5	15.5
BEARING °EGN	TBC	TBC	TBC	TBC
SITE LINK	TBC	TBC	TBC	TBC
SITE NAME	TBC	TBC	TBC	TBC

One 2 One Exclusion Zones conform to the ICNIRP Reference Level for limiting RF exposure to members of the general public.

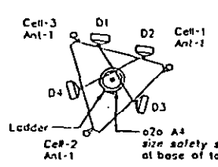
BT CELLNET EQUIPMENT



Note : Refer to notes for antenna and dish orientations

PROPOSED BT CELLNET EQUIPMENT ON TOWER AT 11.28m AGL
Scale 1:100

BT Cellnet Exclusion Zones conform to the ICNIRP Reference Level for limiting RF exposure to members of the general public.



Note : Refer to notes for antenna and dish orientations

PROPOSED o2o EQUIPMENT ON TOWER AT 14.85m AGL
Scale 1:100

PROPOSED DISH DETAILS :

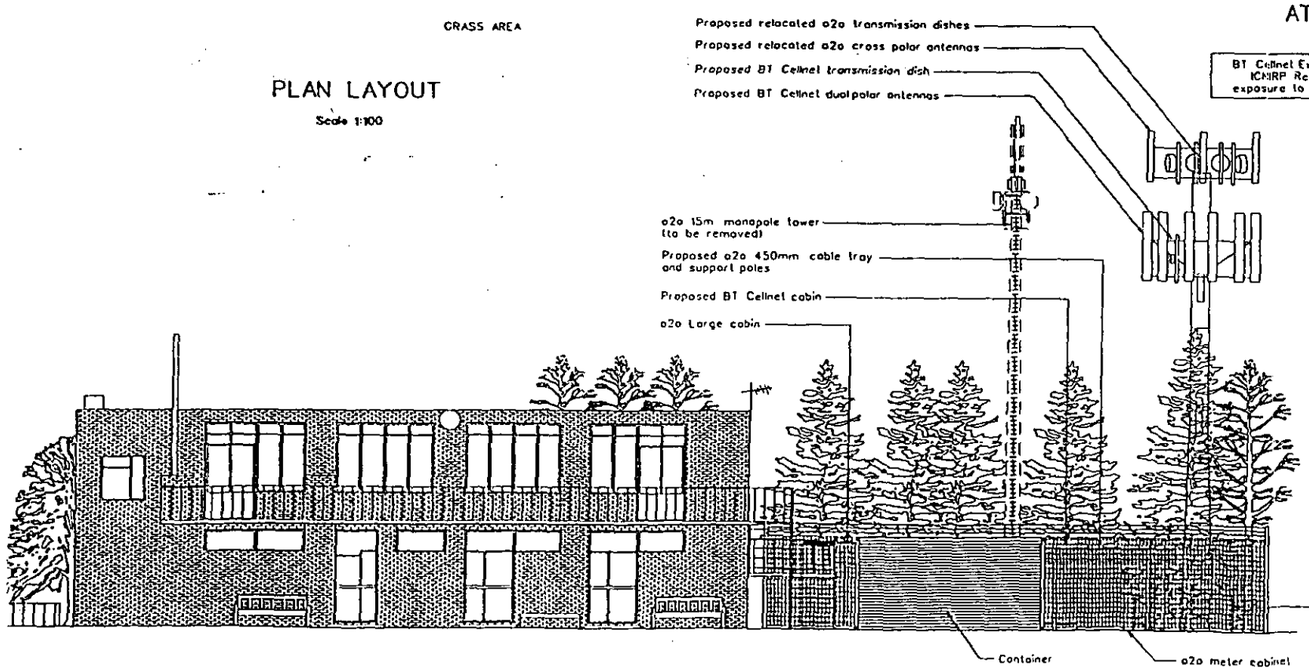
DISH ID	D1
DISH SIZE	300
HEIGHT m AGL	12.24
BEARING °EGN	TBC
SITE LINK	TBC
SITE NAME	TBC

BT CELLNET CELL No 9922

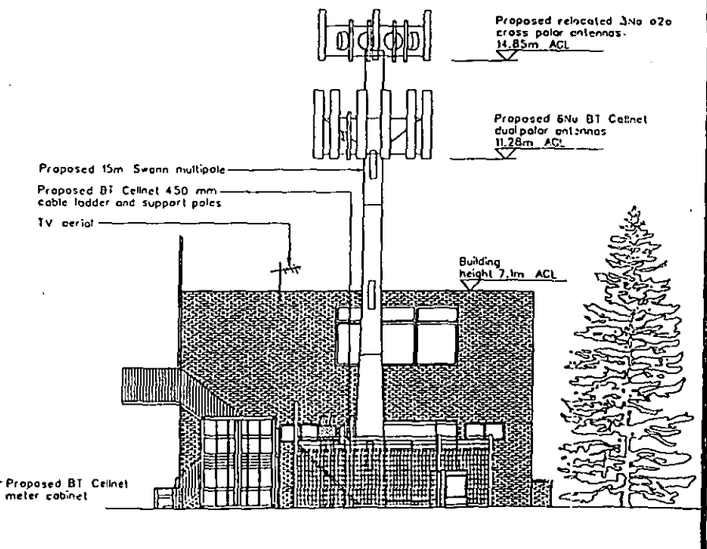
PROPOSED ANTENNA DETAILS :
3 No. dualpolar antennas with orientation of 0°, 120° & 240°

CABIN DETAILS :
BT Cellnet Ref : UMTS Cabin
Dimensions : 3725 x 2525 x 2805 high
Material : Steel
Colour : Grey

NOTE: ORIGINAL DRAWING SIZE A1
100mm ON ORIGINAL A1 DRAWING
SCALE 1:100 0 1 2 3 4 5 6 7 8 9 10m
SCALE 1:200 0 2 4 6 8 10 12 14 16 18 20m



SOUTH EAST ELEVATION
Scale 1:100



NORTH EAST ELEVATION
Scale 1:100

Rev	Date	Amendments	Drawn By	Approved By
D	24/10/01	TOWER CHANGED TO MONOPOLE	CB	
C	10/07/01	TOWER HEIGHT AMENED TO 15m	RAB	
B	21/05/01	TOWER BASE WIDTH ADJUSTED & TOWER ROTATED	MW	
A	21/03/01	FIRST ISSUE	MW	

A·P·T A Mercard company

one2one
One 2 One Personal Communications Limited

Job Title: CELL - 98954
REDINGENSIANS SPORTS GROUND
BATH ROAD
SONNING RG4 6TD

Drawing Title: SITE LAYOUT (PLANNING)

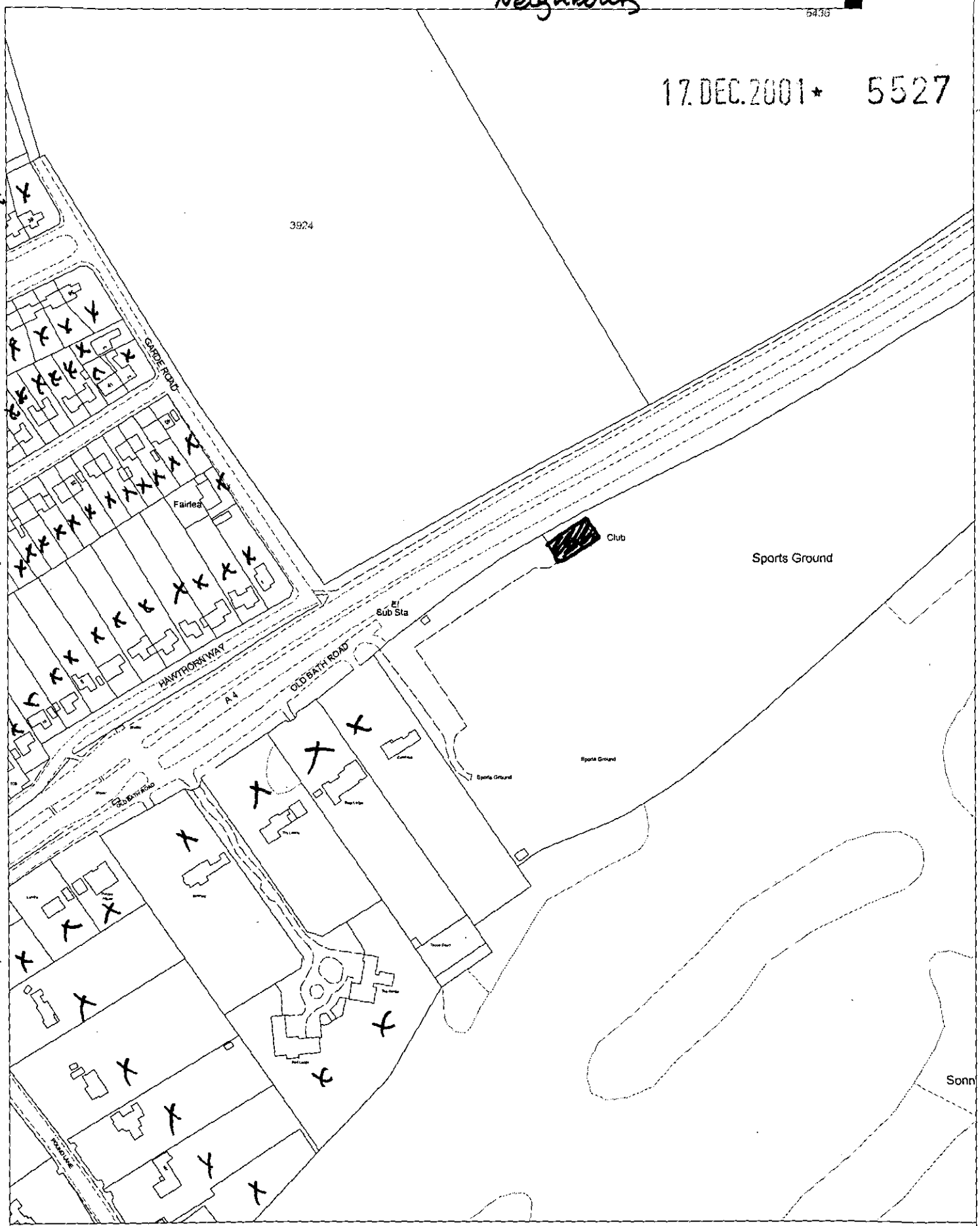
Scale	Site ID	Issue Date
AS SHOWN	727642	

Drawn By	Date	Checked By	Date	Approved By	Date
M Walsh	27/03/01				24/10/01

Drawing No. 00080/98954/MPC01/01 Rev. D

Neighbours

17.DEC.2001* 5527



Site Plan, Scale: 1 to 2500

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Date: 17 December 2001

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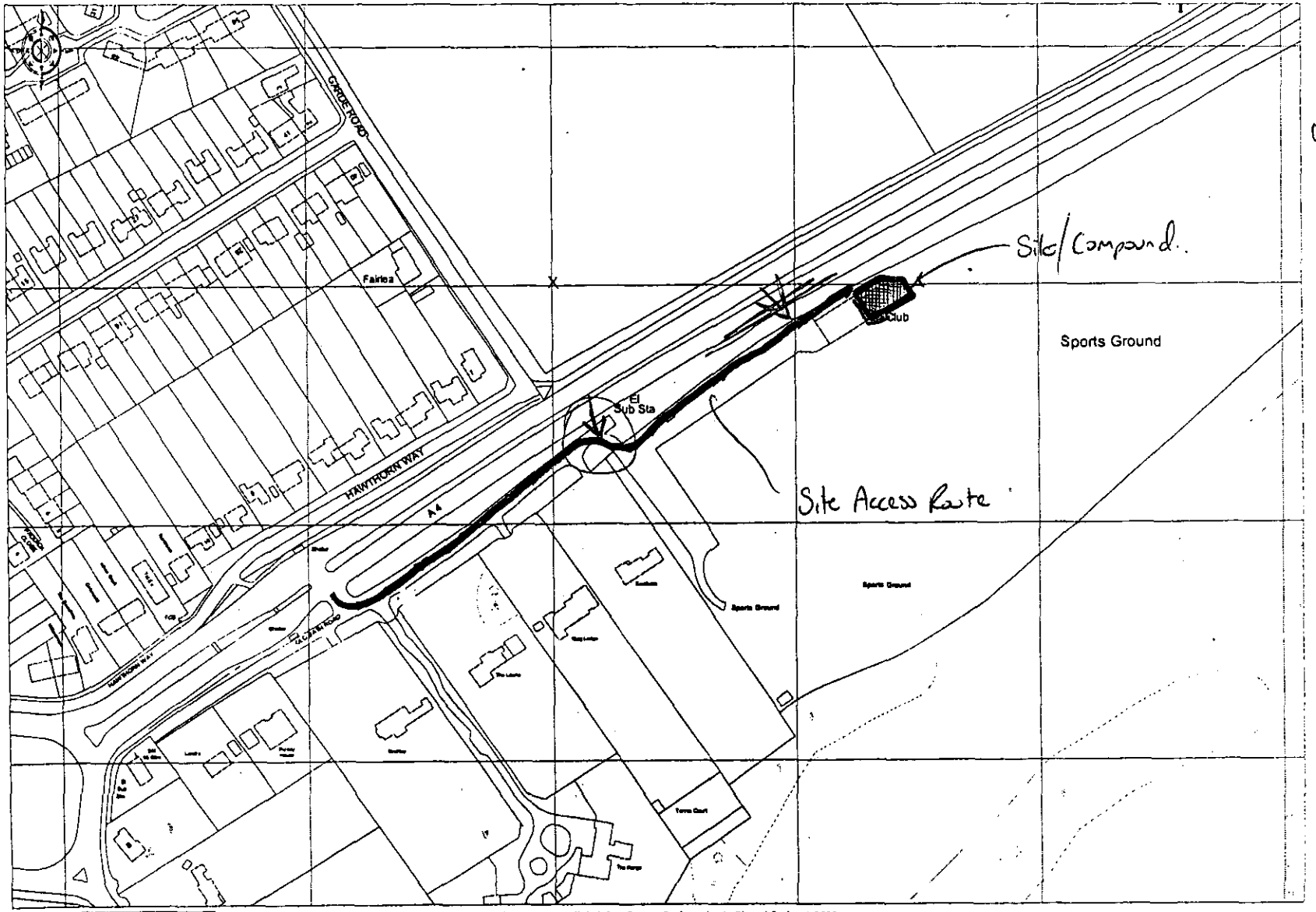

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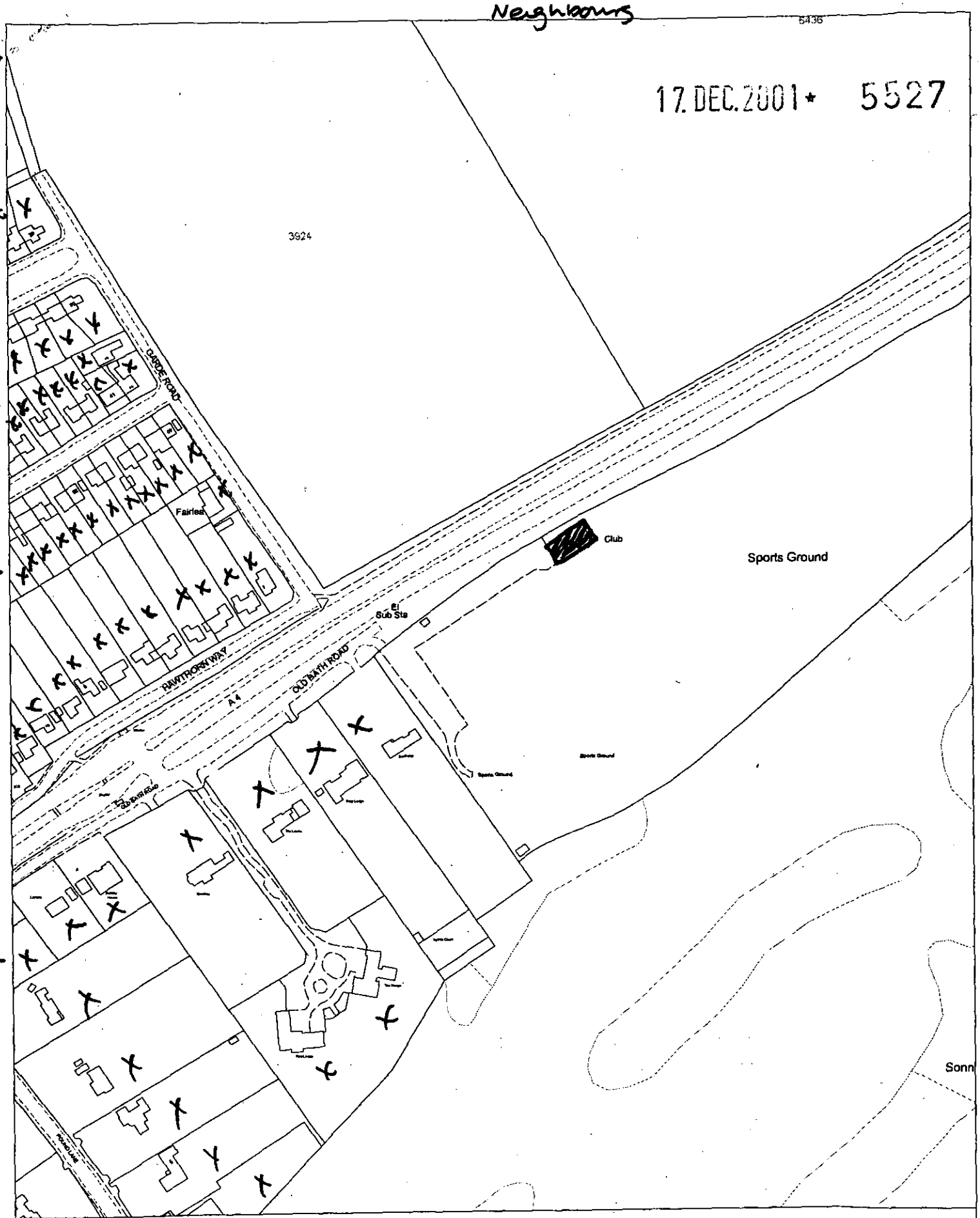
Neighbours

17. DEC. 2001 * 5527



Site Plan, Scale: 1 to 2500

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Date: 17 December 2001

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