X SYSTEMS LTD
SOUTHPORT U.K. Tel.0704-26866 Fax.0704-25814
LONDON OFFICE Tel.071-377-1777 Fax.07 -247-6181

APPLICATION NO:
TL/2001/3488

LOCATION:
Land At Toutley Road Depot Old Forest Road, Wokingham.

APPLICANT:
Vodafone Ltd

PROPOSAL:
Proposed installation of 3 cross polar antennas at a height of 19.1 metres to base with necessary support brackets and connecting feeder cabling on existing 23.5 metre BT Cellnet tower.

EARLIEST DATE FOR DECISION: **06/04/2001**

APPLICATION WILL HAVE EXPIRED ON:
09/04/2001

APPROVED

CASE OFFICER: **Emy Circuit**

CONDITION MONITORING RECORD SHEET

APPLICATION NO: **TL/2001/3488**
CASE OFFICER: **Emy Circuit**
SECTION 106 AGREEMENT Yes ☐ No ☐

STAGE OF DEVELOPMENT	CONDITION NUMBER	DATE CONDITION DISCHARGED	DATE COMPLIANCE OBSERVED	DATE BREACH OBSERVED
PRIOR TO COMMENCEMENT				
COMMENCEMENT				
DURING CONSTRUCTION				
COMPLETION				

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

APPROVAL OF PRIOR APPROVAL OF TELECOMMUNICATIONS NOTIFICATION

For the attention of Rhys Morgan
(Your ref: 3780/RM)
Vodafone Limited
The Courtyard
2-4 London Road
NEWBURY
Berkshire
RG14 1JX

Environmental Services Depar
Planning Services
P.O. Box 157
Shute End, Wokingham
Berkshire RG40 1WR
Tel: (0118) 974 6000
Fax: (0118) 974 6484
Minicom No: (0118) 974 69
DX: 33506 – Wokingham

Notification No: TL/2001/3488

Parish: Wokingham

Proposal: Installation of 3 cross polar antennas at a height of 19.1 metres to base, with necessary support brackets and connection feeder cabling, on existing 23.5 mete BT Celinet Tower.

Location: Land at Toutley Depot, Old Forest Road

The Wokingham District Council in pursuance of their powers under Part 24 of the Town and Country (General Permitted Development) (Amendment) Order 1998 **grants** prior approval for the above stated telecommunications equipment.

John Mitchell
Development Control Manager

Date: 5/4/01

TL — v urgent

on Monday!

—

origional posted 1st class

5/4/11.

WOKINGHAM DISTRICT COUNCIL

To _____

Date _____ Time _____

WHILE YOU WERE OUT

Name _____

Of _____

Phone No. _____ Ext. _____

Phoned		Please call back	
Called to see you		Will call back	
Wants to see you		Urgent	

MESSAGE _____

_____

_____

_____

_____

_____

Signed _____

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

APPROVAL OF PRIOR APPROVAL OF TELECOMMUNICATIONS NOTIFICATION

For the attention of Rhys Morgan
(Your ref: 3780/RM)
Vodafone Limited
The Courtyard
2-4 London Road
NEWBURY
Berkshire
RG14 1JX

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

Notification No: TL/2001/3488

Parish: Wokingham

Proposal: Installation of 3 cross polar antennas at a height of 19.1 metres to base, with necessary support brackets and connection feeder cabling, on existing 23.5 mete BT Cellnet Tower.

Location: Land at Toutley Depot, Old Forest Road

The Wokingham District Council in pursuance of their powers under Part 24 of the Town and Country (General Permitted Development) (Amendment) Order 1998 **grants** prior approval for the above stated telecommunications equipment.

John Mitchell
Development Control Manager

Date: 5/4/01

WORK SHEET FOR : Emy Circuit

Application Number : TL/2001/3488

Applicant : Vodafone Ltd .

Location : Land At Toutley Road Depot, Old Forest Road, , Wokingham.

Proposal : Proposed installation of 3 cross polar antennas at a height of 19.1 metres to base with necessary support brackets and connecting feeder cabling on existing 23.5 metre BT Cellnet tower.

Site Notice Displayed ? :	YES	NO	DATE
	✓.		20/3/01

Date of Neighbour Notifications : .....

Date of Site Visit : 20/3/01 2x orange sn 1. on compound
2. at Junction with Old Forest / Toutley Rd

Date Registered : 12/03/2001

Earliest Date for Decision : 06/04/2001

Latest Consultation Date/Site Notice Expiry Date : 06/04/2001

This application will have expired on: 09/04/2001. 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 :

Highways - no objection
Environmental Health - no objection / comments
1111 local residents - health concerns, proximity to schools, no of masts proposed, eyesore, property value
coverage ok.
Wokingham TC - "no objection"
Property - lease not yet complete.

Planning Issues :

impact on character / amenities of surroundings

TL/2001/3488
Land at Toutley Depot, Old Forest Road, Wokingham

History: see attached

Appraisal: This is an established site with a 22.5 metre mast, which appears to be shared by three operators: BT Cellnet, Vodafone and One-2-One. Vodafone have three existing cross-polar antennas at 19.1 metres on the mast and the proposal to add another three. This would require the existing and proposed antennas to be located on a frame, increasing the width of the structure at this height.

Toutley Depot/Works is identified in t he WDLPDD as a core employment area with parts identified for general/storage uses and uses causing a detrimental impact. The site is located on a verge to the north of the core employment area, adjacent to the A329(M). Existing vegetation provides some screening.

There are places of employment within about 35 metres of the site but taking into consideration that the proposal is for additional equipment on and existing, shared mast the proposal is considered acceptable. The nearest dwellings are over 200 metres distant and Emmbrook Infant and Junior Schools are over 0.5 km from the site.

Recommendation: A.

RECORD OF SITE VISIT

SITE ADDRESS: Land At Toutley Road Depot Old Forest Road Wokingham.

APPLICATION NUMBER: TL/2001/3488

OFFICER: Emy Circuit

DATE OF SITE VISIT: 20 March 2001

1 SITE/STATUTORY NOTICE DISPLAYED ? 2x orange sn put up 20/3
1. on compound
2. Junction of Old Forest / Toutley Rd

2. DESCRIPTION OF SURROUNDINGS
verge between industrial area / A329(M)

3. DESCRIPTION OF SITE/BUILDING
existing compound

4. RELATIONSHIP TO ADJOINING PROPERTIES
nearest neighbours in Toutley Ind area.

5. SITE CONSTRAINTS

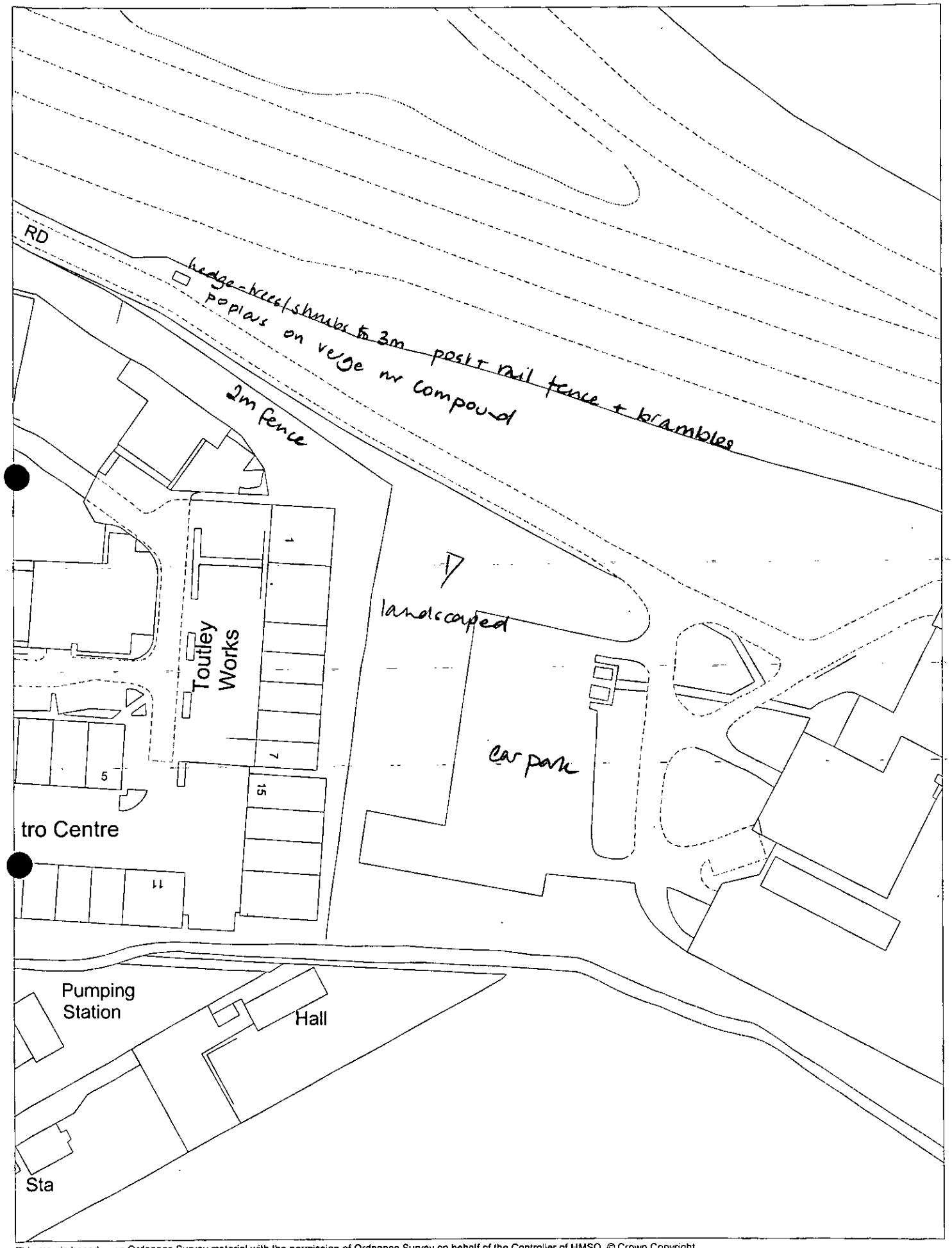
TREES adjacent to compound.

ACCESS/PARKING

LEVELS

BOUNDARY TREATMENT

OTHERS



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Development Control Section, Environmental Services, Wokingham District Council.

19 March 2001

Scale: 1 : 1250

N
W E
S

1933

(1)

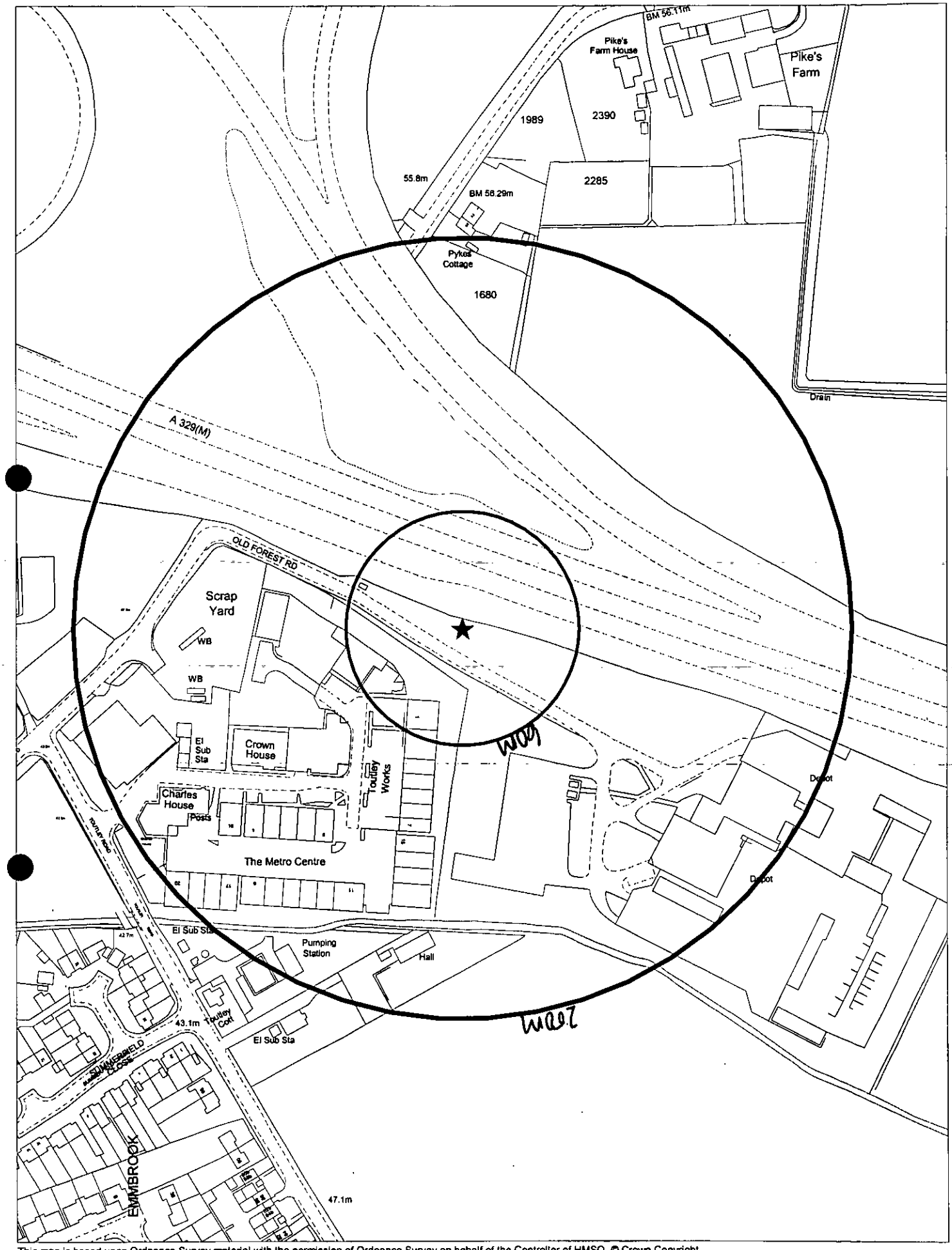
ADDRESS Land at Tourley Depot, Old Forest Road PARISH Wokingham

PLOT No. ORD.SHEET No.

Planning No.	Building No.	Applicant	Description of Development	Date	Decision	
					Building	Planning
TL34		Cellnet	Base station (15m mast, 3x cross polar antennas, 2x 600mm microwave dishes etc)	prior approval	N/R	12/4/96
TL102		Cellnet	replacement cabinet (shows 22.5m tower, 3x Cellnet + 3x Vodaphone dual polar antennas)			✓
TL105		Mercury Personal Communications	3x cross polar + 1x dish antennas etc.			✓
TL/2000/2	6006		additional cabinet + extend compound			
TL/2001/3430		One-2-one	5x 600mm dishes - inadequate info		withdrawn	
TL/2001/	3488	Vodafone	3x cross polar antennas at 11.1m			

MINISTRY DECISION:

SPECIAL ORDERS:



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Development Control Section, Environmental Services, Wokingham District Council.

23 March 2001

Scale: 1 : 2500

N W E S

From

~~To:~~

Property Dept

TO:

~~From:~~ Emy Circuit

Date: 13 March 2001

DELEGATED

Application Number: TL/2001/3488

Proposal: Proposed installation of 3 cross polar antennas at a height of 19.1 metres to base with necessary support brackets and connecting feeder cabling on existing 23.5 metre BT Cellnet tower..

Site Address:
Land At Toutley Road Depot, Old Forest Road, , Wokingham.

WOKINGHAM DISTRICT COUNCIL
RECEIVED
15 MAR 2001
PROPERTY SERVICES

Applicant:
Vodafone Ltd .

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

This application relates to the site which the Council leases to BT Cellnet. Vodafone are sub-let space on the installation for their own equipment as are One 2 One. The Lease relating to this application has yet to be completed and we would not be in a position to allow the upgrade to proceed until the new lease is completed.

DAN COWIN

PROPERTY SERVICES.

PLANNING SERVICES
POL
DC
APP
CS
09 APR 2001
COPIES TO:
ACK:

WOKINGHAM TOWN COUNCIL CONSULTATION SHEET

Case officer: Emy Circuit

Application Number: TL/2001/3488

Proposal: Proposed installation of 3 cross polar antennae at a height of 19.1metres to base with necessary support brackets and connecting feeder cabling on existing 23.5metre BT Cellnet tower

Site Address: Land ot Toutley Road Depot, Old Forest Road, Wokingham

Applicant: Vodafone Ltd

Your observations are required in respect of this application **by 06/04/01**

No objection

SIGNED: _____ **DATE:** 03/04/01

CLERK TO Wokingham Town Council

21 Summerfield Close
Wokingham
Berkshire RG41 1PH

Emy Circuit,
WDC Environmental Services Dept.
PO Box 157 Shute End,
Wokingham.

Ref: TL/2001/3488:

I refer to your letter of the 13 March 2001 detailing the proposed antennas for Vodaphone at Toutley Road Depot.

I wish to register my total opposition to this scheme. The masts should not be located near housing areas at any time but particularly so when such areas have young children as residents. I believe that the provision of masts for mobile phones provides electromagnetic radiation at the microwave frequency band and not at the radio frequency band. Microwaves are of course considerably more penetrating than radio waves and maybe more harmful. I also believe that there is recent legislation which prohibits the placing of masts near built-up areas and near housing developments.

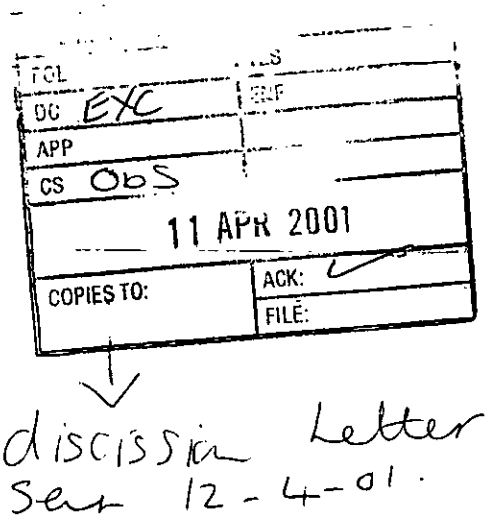
I would urge that you use your good office to deny this application.

Thank you for your kind attention.

Yours sincerely,

R. M. Mulligan

R M Mulligan.



discussion Letter
Sent 12-4-01.

From: WebComments@wokingham.gov.uk
Sent: 25 Mar 2001 10:50
To: ian.jordan@wokingham.gov.uk
Subject: Comments on Planning Applications

****

NatureofEmail: Objection
ApplicationNumber: tl/2001/3488 Toutley Depot
Correspondent_FullName: paul kennedy
Correspondent_StreetAddress: 82b toutley rd
Correspondent_Address2: wokingham
Correspondent_Town: wokingham
Correspondent_County: berks
Correspondent_PostCode: rg40
Correspondent_Telephone:
Correspondent_Email:

Comments:

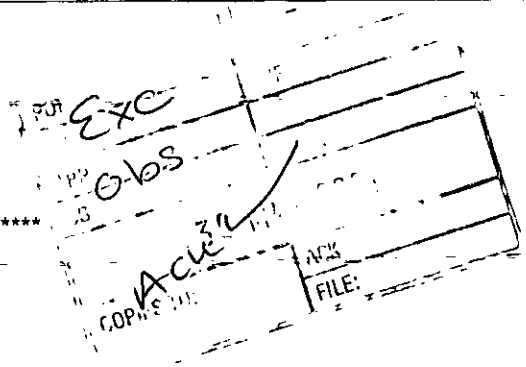
i dont want cancer thankyou

8b5

PL	HPT
POL	TLS
DC Exc	ENF
APP	
CS ors	
30 MAR 2001	
COPIES TO:	ACK: ✓
	FILE:

Ian Jordan

From: WebComments@wokingham.gov.uk
Sent: 29 March 2001 14:01
To: ian.jordan@wokingham.gov.uk
Subject: Comments on Planning Applications



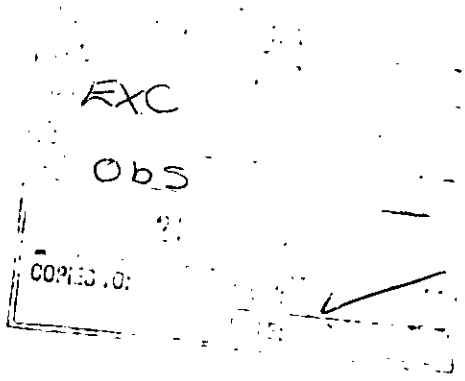
****

NatureofEmail: Object
ApplicationNumber: TL/2001/3488 Tourley Depot.
Correspondent_FullName: Tim Clarke
Correspondent_StreetAddress: 6, Summerfield Close
Correspondent_Address2: Emmbrook
Correspondent_Town: Wokingham
Correspondent_County: Berkshire
Correspondent_PostCode: RG41 1PH
Correspondent_Telephone: 0118 9774638
Correspondent_Email: tclarke@uk.oracle.com

Comments:

Why do BT Cellnet need more aerials, the present one can be seen from Summerfield Close and is an eyesore. I am with Cellnet and the coverage is fine here, so if they are trying to extend the coverage with this new extension to the aerial, then they are going to be using more txn power, and the safety of such signals is still in discussion.
The coverage seems fine on the 329M, why do they need a new set of aerials ?

Ian Jordan



7 Summerfield Close
Emmbrook
Wokingham
Berkshire
RG41 1PH

25th March 2001

Dear Sirs,

Re: Application Number TL/2001/3488

I write with respect to the above referenced application to register, in the strongest possible terms, my objection to the proposed development by Vodaphone Limited.

I am alarmed that, in spite of concerns being registered against the erection of the existing mast, that it was in fact erected and now local residents face the prospect of an additional three antennae being erected in close proximity to a residential area.

There is no conclusive proof that these masts are safe and thus until such proof can be produced it is outrageous that local residents should be exposed to potential health hazards.

The existing mast is an eyesore. It is clearly visible from many of the surrounding homes and is totally incongruous in a residential area. To now propose the additional erection of a further three masts is, quite simply, an outrage. The views of the local people should be listened to; it is after all **our** health and **our** homes, which will be affected.

With increasing negative publicity circulating about these masts and their effects the siting of additional masts at Toutley Road will, in time, have a negative impact on the value of houses in the area. Certainly I know that I would not buy a property close to such a mast let alone a cluster of them. These masts are being installed to create revenue for both the Toutley Depot and Vodaphone but with no thought or recompense for the local residents who risk both their health and the value of their home.

I strongly object to the installation of these masts on both, health and aesthetic grounds.

Yours faithfully

J. McCurry

Tel: (0118) 974 6479 (Direct Line)
Fax: (0118) 974 6484
Email: Emy.Circuit@wokingham.gov.uk
Date: 23 March 2001
My ref: EXC/TL/2001/3488
Your ref: 3780/RM

For the attention of Rhys Morgan
Vodafone Limited
The Courtyard
2-4 London Road
NEWBURY
Berkshire
RG14 1JX

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 Mr Morgan

PROPOSED INSTALLATION OF THREE CROSS POLAR ANTENNAS ON EXISTING TOWER ON LAND AT TOUTLEY DEPOT, OLD FOREST ROAD, WOKINGHAM

With regard to the above proposal, I am writing to inform you that prior approval is required. This is due to the proximity to buildings regularly used by people and in accordance with Policy WIC14 of the Wokingham District Local Plan (Deposit Draft).

Yours sincerely

John Mitchell
Development Control Manager

Not faxed – no No.

25 Emmbrook Vale,
Wokingham,
Berks RG41 1PW

Tel / FAX: 01189 792087

20th March 2001

Emy Circuit
Case Office - Planning services
Fax: 01189 746484

Ref: TL/2001/3488

Dear Sir / Madam,

With reference to the application for work on an existing tower at Toutley Depot, have the health implications of such a structure and related equipment been fully investigated ?

What reassurances can you give to local residents with regard to health issues ?

The line of sight distance between this tower, (along with others at Mathews green farm) and the local Emmbrook schools, infant, junior, and senior is very short. Young children are more susceptible to risks from electromagnetic radiation.

How many more telephone towers are to be sited locally?

Yours sincerely,

Robin.A.Hill

E-mail: robin@robinahill.freeserve.co.uk

01189 792087
20-MAR-01 15:54 ROBIN HILL 01189 792087 PAGE: 1

WOKINGHAM DISTRICT COUNCIL
ENVIRONMENTAL PROTECTION AND HOUSING TEAM

MEMORANDUM

From: Joanne Ellis
Environmental Health

My Ref: JPE/JS/20005417

To: Emy Circuit
Development Control

Your Ref: TL/2001/3488

Date. March 16, 2001

PROPOSED: INSTALLATION OF 3 CROSS POLAR ANTENNAS AT A HEIGHT OF 19.1 METRES TO BASE WITH NECESSARY SUPPORT BRACKETS AND CONNECTING FEEDER CABLING ON EXISTING 23.5 METRE BT CELLNETT TOWER

LOCATION: LAND AT TOUTLEY ROAD DEPOT, OLD FOREST ROAD, WOKINGHAM

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.

Joanne Ellis
Senior Environmental

PUBLIC SERVICES
DC
CS
COPIES TO:
ACK:
FILE:

HIGHWAYS CONSULTATION SHEET

From: Emy Circuit **Date:** 13 March 2001

Application Number: TL/2001/3488

Proposal: Proposed installation of 3 cross polar antennas at a height of 19.1 metres to base with necessary support brackets and connecting feeder cabling on existing 23.5 metre BT Cellnet tower.

Parish: WOKINGHAM TOWN

Site Address:
Land At Toutley Road Depot, Old Forest Road, , Wokingham.

Applicant:
Vodafone Ltd .

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

✓ below as applicable;

1) ☐ Recommend refusal for the reason(s) **stated below**;
2) ☐ Recommend approval but with condition(s) & reason(s) **stated below**;
3) ☑ Recommend approval with **no** condition(s) or reason(s).

DELEGATED

Signed: _____ **Print name:** Adam Coggins 14/03/01

Received by Wokingham District Council

Application No: TL/2001/3488

Proposal:
Proposed installation of 3 cross polar antennas at a height of 19.1 metres to base with necessary support brackets and connecting feeder cabling on existing 23.5 metre BT Cellnet tower.

Location:
Land At Toutley Road Depot, Old Forest Road, , Wokingham.

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. closed all day Wednesday). If you intend to view this application at Woodley Library (see details above) please allow 4 days from the date of this notice for delivery of plans.

Comments should be sent in writing QUOTING THE APPLICATION NUMBER to the Case Officer Emy Circuit P.O. Box 157 Council Offices, Shute End, Wokingham Berkshire, RG40 1WR to arrive on or before 06/04/2001. 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 normally be possible for an individual reply 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

13 March 2001

WOKINGHAM D.C. DEVELOPMENT CONTROL 28 DAYS

Start date: 12 MAR 2001	
Officer: EXC	Application No. TL 2001 3488

Map No. ..... Site 001.....
Easting: ..... Flood Pln .....
Northing: ..... Mineral .....

Level: ☐ **Sub Committee** ☑ **Delegated** ☐ **Sec. State**
☐ **Incorrect Fee** ☐ **Invalid** ☐ **PD**

Description:
(TL) PROPOSED INSTALLATION OF 3 CROSS POLAR ANTENNAS AT A HEIGHT OF 19.1 METRES TO BASE WITH NECESSARY SUPPORT BRACKETS & CONNECTING FEEDER CABLING ON EXISTING 22.5 M BT CELLNET TOWER

Location: Land at TOUTLEY ROAD DEPOT OLD FOREST ROAD. TOUTLEY ROAD

Parish: WOKINGHAM Ward: Emm Brook

Applicant: VODAFONE

Fee Received 35-00 (1) Required ..... Additional ..... Refund .....

Enforcement Section to be notified ☐ tick if required

Additional information required for validation

		Reason	Requested	Received
1	1:2500 OS location plan showing property edged in blue/red			
2	1:500 block plan showing existing & proposed dev. + adj. Properties			
3	Forms unsigned			
4	Correct S 66 certificate			
5	Elevation plans			
6	Floor plans			
7	Metric scale disclaimer			
8	Encroachment letter			
9	Miscellaneous			

APPLN NO. _____

ACTION REQUIRED BY DEVELOPMENT CONTROL

Conservation Area .....

Listed Building 1 2 2*

Advertisement Required .....

Date Site Notice Sent : ..... Parish Council Informed - YES / NO

INTERNAL CONSULTATIONS

Building Control .....
Landscape .....
Trees .....
Conservation Officer .....
X Environmental Health X .....
Housing .....
Leisure & Cultural services .....
Public Rights of Way .....
X Property X .....
District Secretary (only if called in by SOS) .....
Policy & Plans .....
Strategic Planning (JSPU) .....
Minerals (INTERNAL) .....
Archaeological Site (BABTIE) : .....
Education .....
Social Services .....
X Highways X .....

EXTERNAL CONSULTATIONS

Adjacent D P A : .....
Adjacent Parish : .....
Southern Electricity Board .....
British Gas .....
PSA Oil Pipeline .....
Transco : .....
Environment Agency .....

Rail Track .....
Police Arch. Liaison Officer .....

HERITAGE BODIES

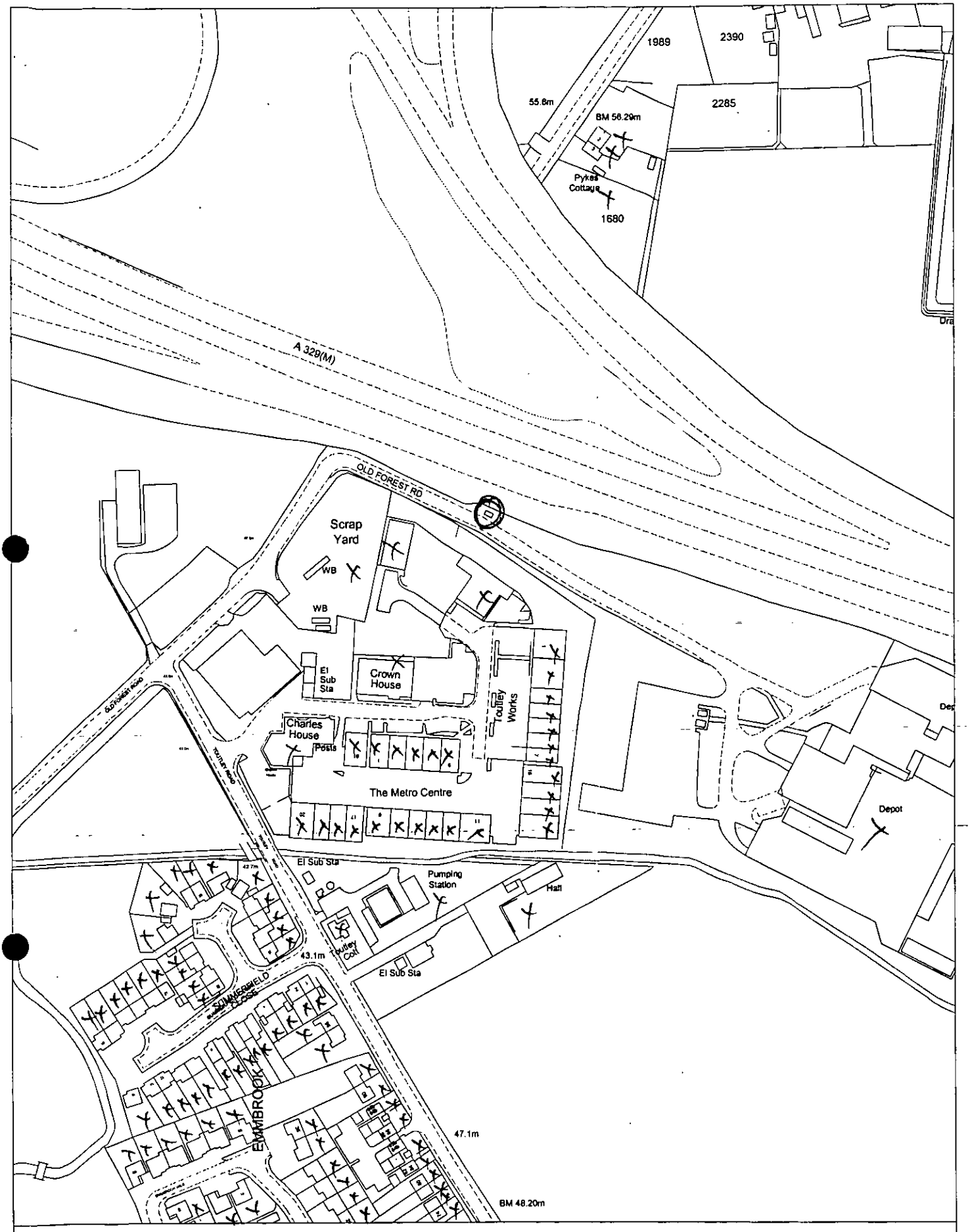
The Georgian Group .....
Ancient Monuments Society .....
Council for British Arch. .....
RCHME .....
Telecommunications (NRPB) : .....
Sport England : .....

OTHERS:

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.....

NEIGHBOURS: See map X

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Site Plan, Scale: 1 to 2500

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Date: 12 March 2001

N
W E
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TL/2001/3488
12-3-01

SUPPORTING INFORMATION: VODAFONE CELLULAR TELECOMMUNICATIONS NETWORK INSTALLATIONS

The following background information and notes will be of assistance to you in your determination of our GPDO application which is submitted in accordance with Vodafone's obligations under the Telecommunications Act 1984 as a licensed "code system operator". The notes also comply with the requirement of The Town and Country Planning (General Permitted Development) Order 1995 Schedule 2, Part 24 as amended by The Town and Country Planning (General Permitted Development) (Amendment) Order 1999. It is also in accordance with the Telecommunications Prior Approval Procedures, Code of Best Practice March 1996 Part 2.1(ii).

VODAFONE'S CELLULAR NETWORK

Vodafone Ltd was granted a licence by the Government in 1983 to build and operate a radio public service telecommunications network. The network plan consisted of dividing the country geographically into "cells" each served by a radio base station installation, hence the term "cellular network". The technology available at that time was the analogue type commonly referred to as "TACS" or "ETACS" operating at 900 MHz in the radio spectrum.

Early base stations were typically located on high ground consisting of either lattice masts or building roof top installations at 20m-40m a.g.l. with an array of 9/12 antennas and a large equipment room. These sites were designed to serve the then more powerful and heavier generation of car based mobile phones and would cover a radius of between 3 and 8kms depending on terrain height, topography and the numbers of users demanding access to the system. The principle benefit at this time was the transmit power on the car based phones which enabled them to be used at greater distances from the radio base stations. Therefore less radio base stations were required to cover the country. Approximately 900 of these "Macro" sites were installed which provided signal coverage to 90% of the population.

VODAFONE'S DIGITAL NETWORK

The success of the service and consequent customer demand on the network meant that the original analogue technology soon became overloaded and unable to support demand and future growth. New digital technology was therefore developed to operate within the same radio spectrum (900 MHz) enabling the capacity of each radio base station to be considerably increased. This digital technology is often referred to as GSM (Global System for Mobile Communications) which is the common European operating standard enabling phones to inter-connect to other networks throughout Europe and internationally. Vodafone's digital network is designed to enable domestic and local business customers to access mobile telecommunications at an affordable price.

RADIO SYSTEM PLANNING - GSM

Designing the GSM network involved dividing the country geographically into cells which would link into our existing analogue cell plan. Each of the new cells is served by a radio base station typically operating at a height of 15-20m a.g.l. The equipment consists of either a lightweight and visually unobtrusive pole, a lightweight lattice mast or a roof top installation designed to conform with the current requirements of General Permitted Development Order. The standard installation consists of the support structure with 1 - 6 antennas depending on the coverage and capacity requirements of the installation. The equipment cabins are usually located close to the base of the support structure and have a cubic capacity of up to 30cu.m. The enclosed elevation drawings submitted as part of this application are indicative of a GSM installation, which will typically serve a radius of between 2-4km. The frequencies at which our equipment operates will not interfere with local TV/radio reception or any other local radio transmissions.

DEVELOPMENT CONTROL POLICY AND PROCEDURES

Policy

Government policy contained in PPG8 (1992) seeks to facilitate the growth of modern telecommunications which is a beneficial element in the life of the local community and national economy. With specific reference to development control PPG 8 advises the following:

"*Permitted development rights should not be withdrawn unless there is a real and specific threat to the locality in which the development is to take place*" (Paragraph 19)

"*The authority may not prevent a development in principle - but it can require changes to siting and appearance with the aim of protecting amenity. For example, it may be appropriate to shield radio equipment housing through landscaping or planting. In exercising this power, local planning authorities should take into account the obligations on the code system operators to provide a telecommunication service, and the severe constraints on siting and appearance imposed by the nature of the technology and the telecommunications network. The development may proceed as originally proposed or in accordance with any details agreed in the meantime, unless the authority has served its decision to refuse approval of the details on the operator within 28 days of receiving the operator's application. The Secretaries of State believe that there should not be much occasion for such intervention and that this power should not be used unless there was a serious risk to amenity; the details of these developments will best be resolved in negotiations between the operator and the local planning authority within the 28 day period.*" (Paragraphs 22).

Procedures

The development control procedures are set out in the Town and Country Planning (General Permitted Development) Order 1995, Schedule 2, Part 24 as amended by The Town and Country Planning (General Permitted Development) (Amendment) Order 1999, together with the DETR Planning for Telecommunications Circular 4/99, Appendices A & B (18th June 1999). Further guidance for local planning authorities and telecommunications code system operators is set out in the *"Telecommunications Prior Approval Procedures - Code of Best Practice" (March 1996)*.

SITE IDENTIFICATION PROCEDURES

Vodafone Radio System Planning Engineers identify a requirement for a radio base station where the existing radio signal strength is insufficient to support "in building" use of hand portable phones or where demand on the system requires additional radio channels to cope with increased capacity. The location of each radio base station is determined principally by the following factors:-

i. the proximity of adjacent radio base stations and the signal coverage from them.
ii. the terrain height of the target area and surrounding topography.
iii. the height and density of the buildings and structures within the target area.
iv. the potential subscriber demand for network access within the target area.

SITE SELECTION PROCEDURES

The following site selection procedures apply to each installation :-

1. Our Engineers identify a requirement using the above parameters and working with a computerised geographic information modelling tool (GIS) which shows every site on our existing network and identifies those areas where insufficient signal level or capacity exists.

2. Our Engineers then undertake a desk top "search" looking for existing masts as notified to us by local planning authorities or other public domain lists such as the OPD database, NTL, CTI, British Gas, etc., located within or close to the search area in order to establish whether site sharing in these positions may produce the required coverage.

3. Our Engineers define a specific search area which is then issued to the Property Surveyor who undertake a detailed ground search for suitable options.

4. The possible options are short-listed according to those which combine the following: - location within or close to tolerance of the search area, a willing landlord, planning and environmental sensitivity. Informal discussions are undertaken with the local planning authority to consider local policies and any designated protected areas.

5. The short-listed options are then returned to our Radio Engineers for a second computer modelling assessment, taking into account the ground height, potential available antenna height and surrounding obstructions.

6. The results of final assessment as to which of the sites will provide an acceptable level of coverage are then completed and a multi-skilled site visit is undertaken to provide a full structural/build analysis on site including identifying power routes and how the site will be linked into the network. Terms with the landlord are then finalised, plans prepared and a GPDO application for determination or full planning application as appropriate is submitted to the local authority.

Details of Vodafone's site selection procedures are as set out in our Environmental Handbook for Radio Site Selection which is used by all personnel involved in the acquisition process. A copy of this document has been recently forwarded to all Chief Planning Officers (30th October 1998) and Development Control Managers (26th April 1999). Additional copies are available on request.

SITE / MAST SHARING

On average, the minimum operating height for radio telecommunications is 15m a.g.l. to clear surrounding obstructions and trees. When local planning authorities wish telecommunications operators to share existing 15m support structures they should be aware of the technical requirements of vertical separation between the antenna systems and the effect that this will have on the height and size of the modified structure. For example an existing 15m lattice mast may require a height raise of approximately 6m to accommodate a second operator's equipment. This could result in a modified structure of 22/23m. Often the preferred option in environmental terms may be to consider a second 15m pole or lightweight lattice mast located alongside the original installation taking advantage of existing tree or building screening. (Figure 6 on Page 17 of Telecommunications Prior Approval Procedures - Code of Best Practice refers).

We trust the above answers your main queries regarding our planned installations and their relationship to the overall project. However, should you require further information or clarification please contact us.

For further details please contact: -
Daniel Mitchell
Environmental & Planning Co-ordinator
Tel: Direct Line 01635 676457

F/2001/3488

12.3.01.

vodafone

BY RECORDED DELIVERY

TO: The Chief Planning Officer, Wokingham District Council, Civic Offices, Shute End, Wokingham, Berkshire, RG40 1BN

NOTICE OF INTENTION TO INSTALL TELECOMMUNICATIONS APPARATUS PURSUANT TO: -

1. **THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) ORDER 1995 (SCHEDULE 2 PART 24) AS AMENDED BY THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) ORDER 1999.**

2. **SCHEDULE 4 OF THE LICENCE GRANTED TO VODAFONE LIMITED UNDER SECTION 7 OF THE TELECOMMUNICATIONS ACT 1984.**

VODAFONE LIMITED hereby give notice as required under Schedule 4 of our Licence and make application pursuant to Part 24, Class A, Condition A.2(4) of the Town and Country Planning (General Permitted Development) Order 1995 as amended by The Town and Country Planning (General Permitted Development) (Amendment) Order 1999 in respect of the following development: -

The installation of 3 no. cross polar antennas at a height of 19.1 metres to base with the necessary support brackets and connecting feeder cabling on an existing 22.5m BTCellnet tower.

AT: **Existing BTCellnet Tower, North Wokingham, Toutley Road Depot, Toutley Road, Wokingham, Berkshire.**

OS Grid Ref: 480103 170656

Enclosures: Planning Drawings – Ref : 97003/002421/01 A
Prescribed Fee - Value £35.00
Explanatory Notes
Business Reply Postcard

All communications about this NOTICE should be made IN WRITING to:

Vodafone Limited
The Courtyard
2-4 London Road
NEWBURY
Berkshire RG14 1JX

Quoting reference (3780/RM) and marked "For the attention of Rhys Morgan"

ENQUIRIES TEL NO: (01635) 682663

DATED THIS **09th** DAY OF March **2001**

Signed .Rhys Morgan

FOR AND ON BEHALF OF VODAFONE LIMITED

WOULD YOU PLEASE ACKNOWLEDGE RECEIPT OF THE ATTACHED SCHEDULE BY COMPLETING AND RETURNING THE ENCLOSED PRE-PAID POSTCARD.

THANK YOU FOR YOUR KIND CO-OPERATION.

