F/2002/6038

1154

DO

RAILEX

Marbleboard

EASIFILE EP7

Application No: F/2002/6038 NAB

WOKINGHAM DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACTS

Notification of Refusal of Permission

Hutchinson 3G UK Ltd
C/O Barton Willmore Planning Partnership
Beansheaf Farmhouse
Bourne Close
Calcot
Reading
Berks RG31 7BW

Application Number: F/2002/6038

Parish:	**SHINFIELD**
Location:	**Land South-West of Great Lea House Farm, Mereoak Lane, Grazeley, Reading.**
Proposal:	**Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.**

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

Reason

1. The proposed mast would be seriously detrimental to the visual amenities and character of the area due to its prominent siting adjacent to Mereoak Lane. Furthermore, the proposal fails to take account of the potential opportunity for mast sharing within the immediate area. The proposal is therefore contrary to policies C2 and TC1 of the Berkshire Structure Plan, policy LTV2 of the Loddon Area Local Plan and to policies WOS3, WCC1 and WIC14 of the Wokingham District Local Plan (Deposit Draft).

T. G Watson

Trevor Watson
Development Control Manager
Date: 13/11/2002

Notice checked by: _____

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

APPEALS TO THE SECRETARY OF STATE

PLANNING & ADVERTISEMENT APPEALS

1) If you disagree with the decision of the your local planning authority to refuse planning permission or you do not think that conditions placed on an approval are justified or reasonable, then you can appeal to the Secretary of State for the Environment, Transport and the Regions.

   If you want to appeal you must do so within **6 months** of the date of the decision notice for **planning applications** and within **8 weeks** in respect of **advertisement applications**, using a form you can get from The Planning Inspectorate. They can be contacted on (0117) 372 6373 or you can write to them at ; Temple Quay House, 2 The Square, Temple Quay, Bristol. BS1 6PN.

2) In some exceptional circumstances an appeal can be considered if more than 6 months or 8 weeks have elapsed since the date of your decision. If the 6 month/8 week time limit has expired and you wish to appeal please contact the Planning Inspectorate to find out if they are willing to accept it.

3) The Secretary of State does not have to consider an appeal if it appears that the local planning authority could not have granted planning permission for the proposed development or could not have approved permission without the conditions it imposed while having regard to the statutory requirement of the development order or any directions given under the order. In practice The Secretary of State does not normally refuse to consider appeals solely because the local planning authority based its decision on a direction given by him.

4) It is a statutory requirement for all appellants to copy their appeal forms direct to Wokingham District Council, Planning Services, P.O. Box 157, Civic Offices, Shute End, Wokingham, RG40 1WR, at the same time as the appeal is sent to the Planning Inspectorate. Details of this procedure will be included on the appeal forms.

PURCHASE NOTICES

1) If the local planning authority or the Secretary of State for the Environment, Transport and the Regions refuses permission to develop land or grants it subject to conditions, the owner may claim that the land cannot be put to a reasonably beneficial use in its existing state or cannot make the land capable of a reasonably beneficial use by the carrying out of any development which has been or would be permitted.

2) In these circumstances the owner may serve a purchase notice on the District Council in whose area the land is situated. This notice will require the Council to purchase an owners interest in the land in accordance with the provisions of Part XI of the Town and Country Planning Act 1971.

COMPENSATION

1) In certain circumstances compensation may be claimed from the Local Planning Authority if permission is refused or is granted subject to certain conditions by the Secretary of State for the Environment, Transport and the Regions on appeal or on reference of the application to him. These circumstances are set out in Section 114 and related provision of the Town and Country Planning Act 1990.

WORK SHEET FOR : Natalie Brown

Application Number : F/2002/6038

Applicant : Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

Location : Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Proposal : Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Site Notice Displayed ? :

YES	NO	DATE
	✓	19/3

Date of Neighbour Notifications : .....

Date of Site Visit : 19/3

Date Registered : 01/03/2002

Earliest Date for Decision : 31/03/2002

Latest Consultation Date/Site Notice Expiry Date : 31/03/2002

This application will have expired on: 26/04/2002. You need to make a decision 1 day prior to this date for this application to count as determined in less than 8 weeks.

Consultation Responses :

highways: request further info

minerals + waste: no comments

Shinfield PC 14/3 → comments to follow shortly:
3/4 → raise objections re/ noise issue + mast sharing.

Env. Health: no env. health objections

Landscape: concerned that mast will be visible from A33.

Property no objections

Planning Issues :

13 letters of objection.

Application Number: F/2002/6038

Appraisal :

Recomendation : Approval: ☐ **Refusal:** ☐
(tick appropriate box)

Application Number F/2002/6038
Conditions/Reasons for Refusal

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

RECORD OF SITE VISIT

SITE ADDRESS: Land West Of Great Lea Farm House Mereoak Lane Grazeley Reading.

APPLICATION NUMBER: F/2002/6038

OFFICER: Natalie Brown

DATE OF SITE VISIT: 19/3

1 SITE/STATUTORY NOTICE DISPLAYED ? No

2. DESCRIPTION OF SURROUNDINGS

Rural Greengap.
adj to road.

3. DESCRIPTION OF SITE/BUILDING

fields surrounding - can see across to A33 (Swallowfield Bypass)
some hedging adj to road.

4. RELATIONSHIP TO ADJOINING PROPERTIES

5. SITE CONSTRAINTS

TREES

ACCESS/PARKING

LEVELS

BOUNDARY TREATMENT

OTHERS

Natalie Brown

From: Ian Jordan
Sent: 02 May 2002 17:32
To: Natalie Brown
Subject: APPLICATION F/2002/6038 - MAST AT MEREOAK LANE, GRAZELEY.

Hello,

hope u had a good field trip (I assume that was what u were doing).

I had a call from the lovely Mr Heggerdon at Shinfield Parish Council regarding the application for the new mast at Mereoak Lane, Grazeley (6038). Unfortunately on this occasion he was correct in his moan about the fact that we had recorded the site location incorrectly, I have amended the records on MKA and I have also arranged for all of the neighbours as well as all of those who have already made comments on this to be re-notified. Because of this I also agreed to extend the comments period to 31st May - sorry if this causes any problems but as it had already passed its sell-by date anyway I hope it doesn't make life difficult.

Ian

Development Control Ref No:	Received	Listed by:	Parish
F/2002/6038	01/03/2002	Cllr Bryant	Shinfield

Applicant: Hutchinson 3G UK Ltd
Location: Land south-west of Great Lea House Farm, Mereoak Lane, Shinfield
Proposal: Proposed installation of 3 x 2000mm antennas and a x 600mm microwave dish on 16m high timber monopole with equipment cabinets, ancillary equipment and new access.

REPORT PREPARED FOR: DEVELOPMENT CONTROL COMMITTEE

REPORT PREPARED BY: Head of Planning and Transportation & Natalie Brown

SUMMARY:

1. Proposal –
The proposal is for the installation of a 13.10m high monopole mast with antenna on top (total height 16m). The application has been revised changing the material of the mast from steel to timber.

The site is located adjacent to Mereoak lane in an area designated as Green Gap and countryside.

The application has been listed by Councillor Bryant due to concerns over visual amenity.

RECOMMENDATION: GRANT PLANNING PERMISSION – Subject to conditions

Background Papers

Held by: Planning Reception
Division: Development Control
Dept: Environmental Services

Contact No: 0118 974 6428/ 6429
E Mail: development.control@wokingham.gov.uk

NB: All reports seek to identify environmental, community safety and equal opportunities implications. Consultation with residents and organisations which has or is about to take place, will also be reported.

2. **Planning History** –
There are no relevant applications relating to the above site.

3. **Consultations** -

- ***Parish Council*** – Concerns that development is in open countryside within Green Gap, a proliferation of masts in the area with opportunity for mast share, highway safety
- ***Access & Movement*** - Requested a revised plan to show gates set back 5m from the highway boundary and the parking/turning area to be in accordance with standards.
- ***Environmental Health*** – No environmental health objections
- ***Landscape*** – Timber monopole is more visually acceptable than the steel monopole however still has concerns over impact as in a fairly open location. If planning permission is granted, a detailed landscape scheme for additional planting to the west of the access track, south of the access area and compound should be provided and should include native tree and shrub species.
- ***Letters of representation*** – In total 19 letters of objection were received (7 saying that the change of mast materials do not alter their concerns) and raise concern over impact upon the character of the area and the possibility of mast sharing.

4. **Appraisal** - The main considerations are as follows:

A. Impact upon the character of the area
Berkshire Structure Plan: C2, C6
Loddon Area Local Plan: LTV2
Wokingham District Local Plan (Deposit Draft): WOS3, WCC1, WCC2
B. Highway Safety
C. Concerns of Local Residents
D. Flooding Issues
Berkshire Structure Plan: EN3
South East Area Local Plan: SPS2 & SPS3
Wokingham District Local Plan: WIC16
PPG25

A. Impact upon the character of the area
Concern has been raised over the impact that the mast would have upon the open character of the countryside. The issue of mast sharing has been raised with respect to the site approved under application TL/2001/3280 (see 1:1250 location plan indicating this site and the proposed site). The Agents have advised that this would necessitate a 21m high lattice style mast. *(Officers Note: It is considered by that a 21m high lattice mast would be more visually intrusive within the wider landscape than two separate monopole masts.)*

Concern has been raised over the impact of the monopole within the wider landscape. However, the mast will be a slender timber monopole design and so the impact of the mast itself is not considered to be such to warrant refusal of the application. It is considered that the monopole would cause no worse impact that

the existing timber electricity pylons which cross the fields between the A33 Swallowfield Bypass and Mereoak Lane.

It is recommended that the area around the equipment cabin/compound and access area be landscaped with native species of trees and shrubs and the equipment cabinets be painted a dark forest green colour in order to help mitigate their impact.

B. Highway Safety
The Access and Movement Officer requested that the plan be revised to include the set back of gates from the highway boundary by 5m – in order that a vehicle can be clear of the highway whilst the gates are opened without causing a hazard to other road users. This can be added as a condition.

C. Concerns of Local Residents
Concern has been raised by local residents and the Parish Council over the impact that the mast would have upon the character of the area and have queried the possibility of mast sharing on a nearby site. These issues have been addressed above.

D. Flooding Issues
The application site does not contain any land shown on plans supplied by the Environment Agency as being liable to flooding.

5. **Conclusion** -
It is not considered that the proposed development would cause any adverse harm that could reasonably warrant the refusal of the application.

6. **Recommendation** – GRANT planning permission subject to the following conditions:

1. The development hereby permitted shall be begun before the expiration of five years from the date of this permission.

   Reason: In pursuance of Section 91(1) of the Town and Country Planning Act 1990.

2. Prior to the commencement of the development hereby permitted, the proposed equipment cabin shall be painted in a dark forest green colour.

   Reason: In the interests of visual amenity.

3. The development shall not commence until details of all boundary treatment(s) has been submitted to and approved in writing by the Local Planning Authority. The approved scheme shall be implemented prior to the first occupation of the development or phased as agreed in writing by the Local Planning Authority. The approved scheme shall be maintained in perpetuity.

   Reason: To safeguard the visual amenities of the locality.

4. No development shall take place until there has been submitted to and approved in writing by the Local Planning Authority a scheme of landscaping around the compound and equipment cabinets and south of the access area and west of the access track, (to be of native tree and shrub species) which shall include indications of all existing trees and hedgerows on the land, and details of any to be retained, together with measures for their protection in the course of development; the approved landscaping scheme (with the exception of planting, seeding and turfing) shall be implemented prior to the occupation of any of the building(s) hereby approved and retained.

   Reason: In the interests of visual amenity.

5. All planting, seeding or turfing comprised in the approved details of landscaping shall be carried out in the first planting and seeding seasons following the occupation of the buildings or the completion of the development, whichever is the sooner; and any trees or plants which within a period of 5 years from the completion of the landscaping die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species.

   Reason: In the interests of visual amenity.

6. Any gates provided shall be set back a distance of at least 5 metres from the highway boundary and shall not open towards the highway.

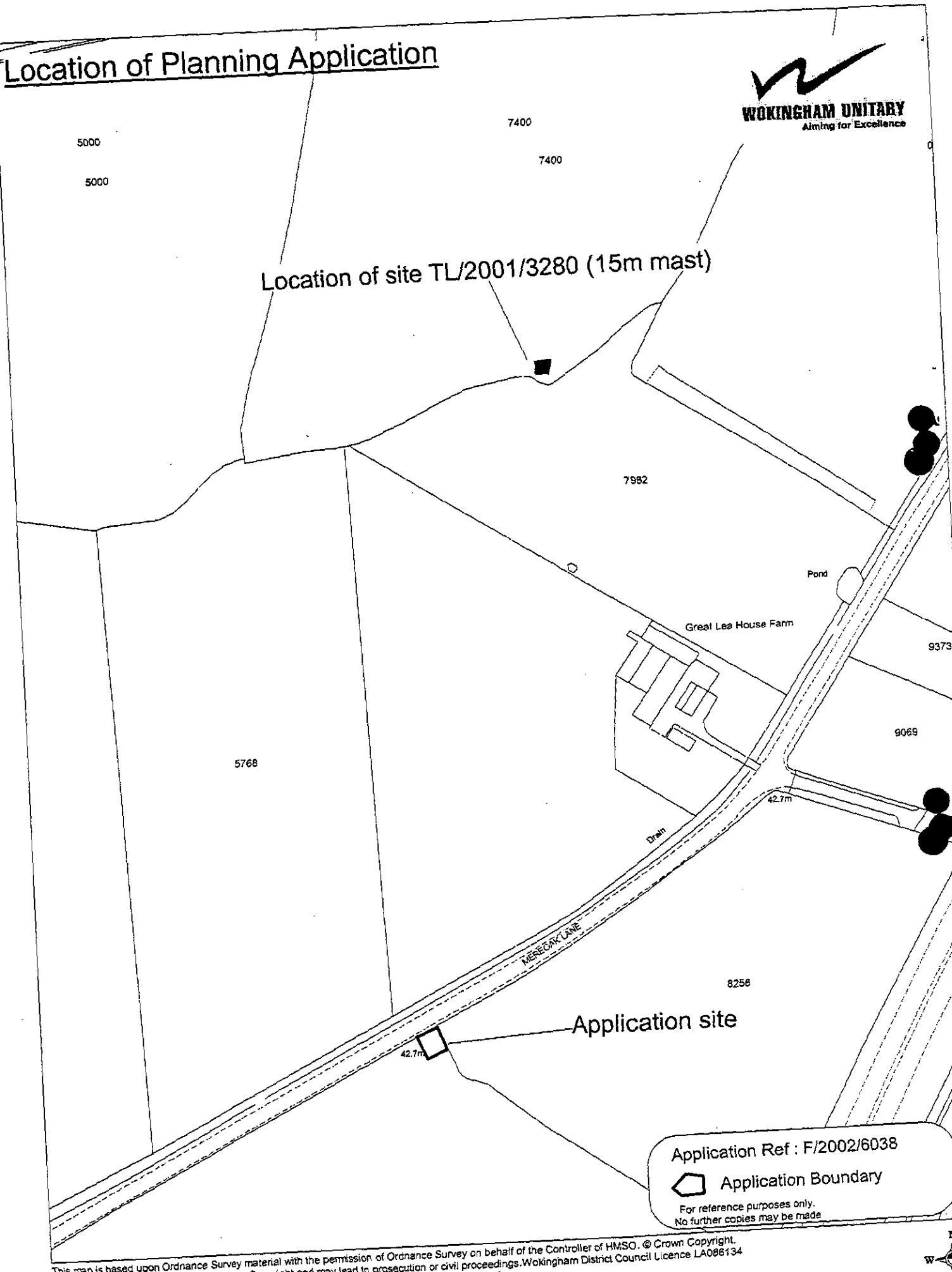
   Reason: To ensure that vehicles can be driven off the highway before the gates are opened, in the interests of road safety.

Informatives

1. This permission relates to the application as amended with revised drawings 00188680-101, 111, 112, 113 and 114 submitted to the Local Planing Authority on 25 April 2002 showing 13.10m timber monopole with antenna on top (total height 16m) and does not approve the proposals as originally submitted.
2. You are advised, in compliance with *The Town & Country Planning (General Development Procedure) (England) (Amendment) Order 2000,* that the following policies and/or proposals in the development plan are relevant to this decision:
   Berkshire Structure Plan policies C2, C6
   Loddon Area Local Plan policies LTV2
   Deposit Draft Wokingham District Local Plan policies WOS3, WCC1, WCC2

Natalie Brown

Location of Planning Application



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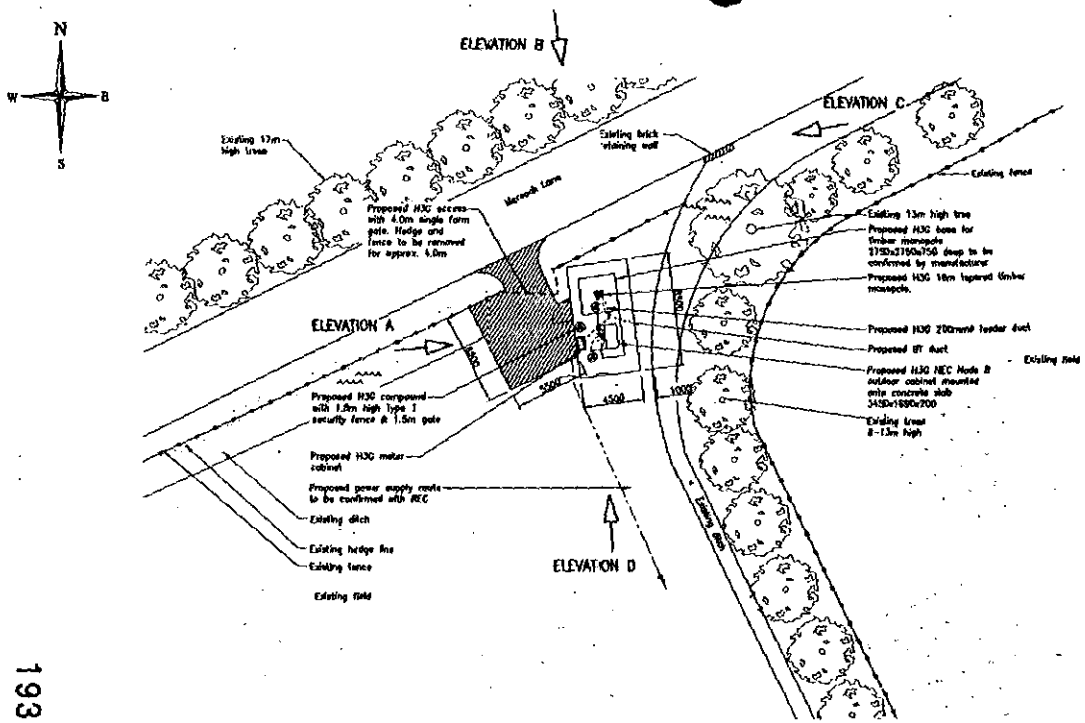
Development Control,Wokingham District Council.
13 November 2002

Scale: 1 : 2500

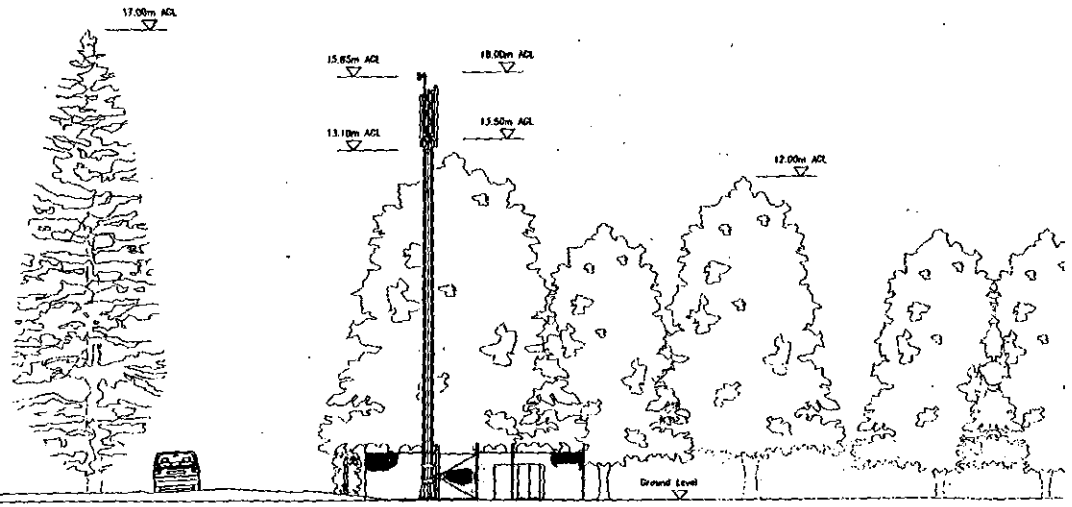
REVISED PLA

6038

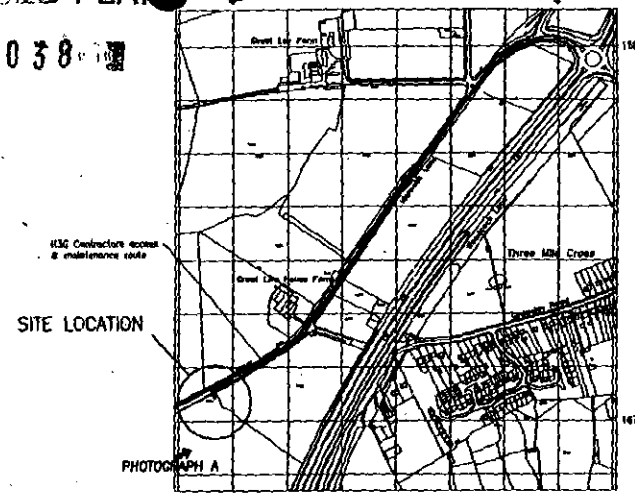
193



SITE PLAN
SCALE: 1:200



ELEVATION A
SCALE: 1:100



SITE LOCATION

Ordnance Survey map extract.

O.S. co-ordinates 470668/167545

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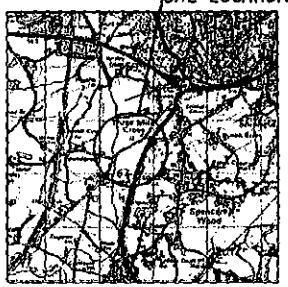
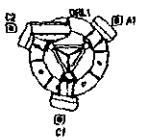
SITE PHOTOGRAPH A

SITE LOCATION



GENERAL LOCATION PLAN



TOWER DETAIL PLAN
SCALE: 1:20

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.8 x 1.3m High
Colour:- Olive Green RS12027
Meter cabinet - 0.365 x 0.75 x 1.3m High

Proposed Site Access/Route
Exit off M4 at Junction 11 southbound on A33, turn right at roundabout. Site approx. 1 mile south on Hermonk Lane.

Proposed Tower Details
Height:- 16m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC280T with special headframe 2.0m long.
Colour:- Natural Timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DR1 1	300Ø	15.85m		0° TOC
DR1 2				
DR1 3				
DR1 4				
DR1 5				
DR1 6				
DR1 7				
DR1 8				

(Height is measured to centre of DR.)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder Length
A1	2.0m	13.5m	7233	15°	20m
C1	2.0m	13.5m	7233	195°	20m
C2	1.7m	13.5m	7212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion Zone
H3G's Exclusion Zones comply with ICNIRP's Public Exposure limits

REV.	DATE	DESCRIPTION	CHK	APP
B1	11.04.08	TOWER TYPE CHANGED	JYW	JKH
B	10.04.08	ISSUED FOR PLANNING	JYW	JKH
A5	10.04.08	REVISED TO H3G COMMENTS	JYW	JKH
A4	09.04.08	REVISED TO H3G COMMENTS	JYW	JKH
A3	08.04.08	REVISED TO H3G COMMENTS	JYW	JKH
A2	19.03.08	REVISED TO H3G COMMENTS	JYW	JKH
A1	14.12.07	ISSUED FOR COMMENTS	ZYW	JKH

Hutchison 3G

Hutchison 3G UK Limited
[illegible]

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE

PLANNING ENGINEER			
FOL			
DC	Shf		
APP			
CS			

25 APR 2008

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- Proposed Cabinet
- Proposed Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing Gas
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Ground Area
- Proposed Cable Tray

DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

GENERAL ARRANGEMENT

Purpose of Issue: PLANNING

Drawing no.: 00188680-101

Site No.: 00188680

Hutchison No.: RG4027

Issue: B1 | Scale: A3 SHOWN | Date: 11.11.07

Consultant ref. no.: H3G-0055

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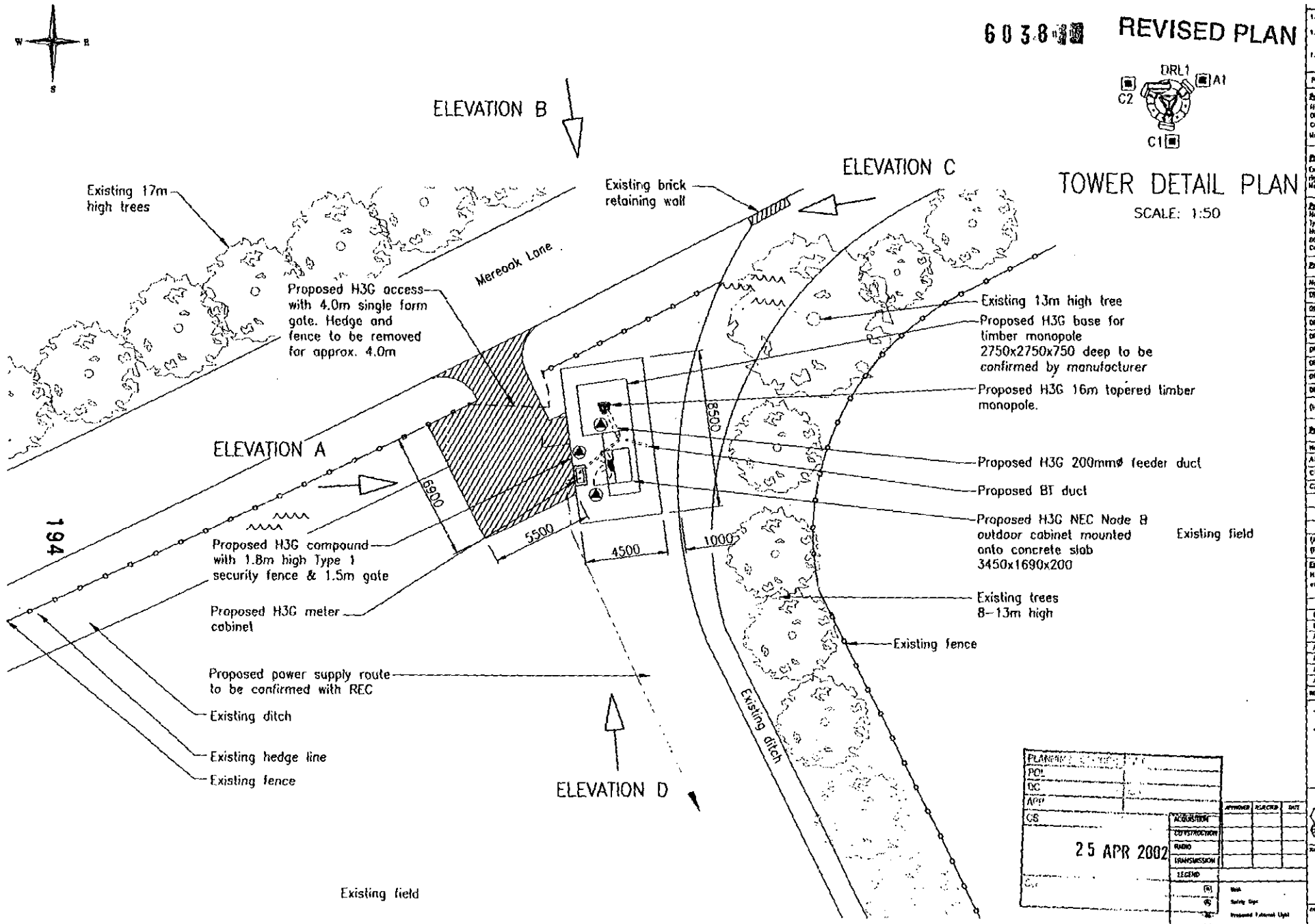
6038

REVISED PLAN



TOWER DETAIL PLAN

SCALE: 1:50

SITE PLAN

SCALE: 1:200

194

PLANNING	
POL	
DC	
APP	
CS	

25 APR 2002

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			
LEGEND			

Walk
Safety Sign
Proposed External Light
Proposed Earth Pit
Proposed Power Route
Existing Fence
Existing Water
Existing BT
Existing Overhead Cables
Existing Window Fence
Proposed Access Track
Proposed Gravel Area
Proposed Cable Tray

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-112
00188680-113
00188680-114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE [illegible] OF H3G'S EQUIPMENT.

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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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.6 x 0.9 x 1.3m High
Colour:- Olive Green BS12027
Meter cabinet – 0.365 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereook Lane.

Proposed Tower Details
Height:- 16m
Type:- Special
Hutchison Ref:- Special tapered timber monopole DC2801 with special headframe 2.8m long.
Colour:- Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TIC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	[illegible]	TOWER TYPE CHANGED	JYW	JKM
B	[illegible]	ISSUED FOR PLANNING	JYW	JKM
A5	[illegible]	REVISED TO H3G COMMENTS	JYW	JKM
A4	[illegible]	REVISED TO H3G COMMENTS	JYW	JKM
A3	[illegible]	REVISED TO H3G COMMENTS	JYW	JKM
A2	[illegible]	REVISED TO H3G COMMENTS	JYW	JKM
A1	[illegible]	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G

Hutchison 3G UK Limited
Star House, 10 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Basic Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE PLAN

Purpose of Issue: PLANNING

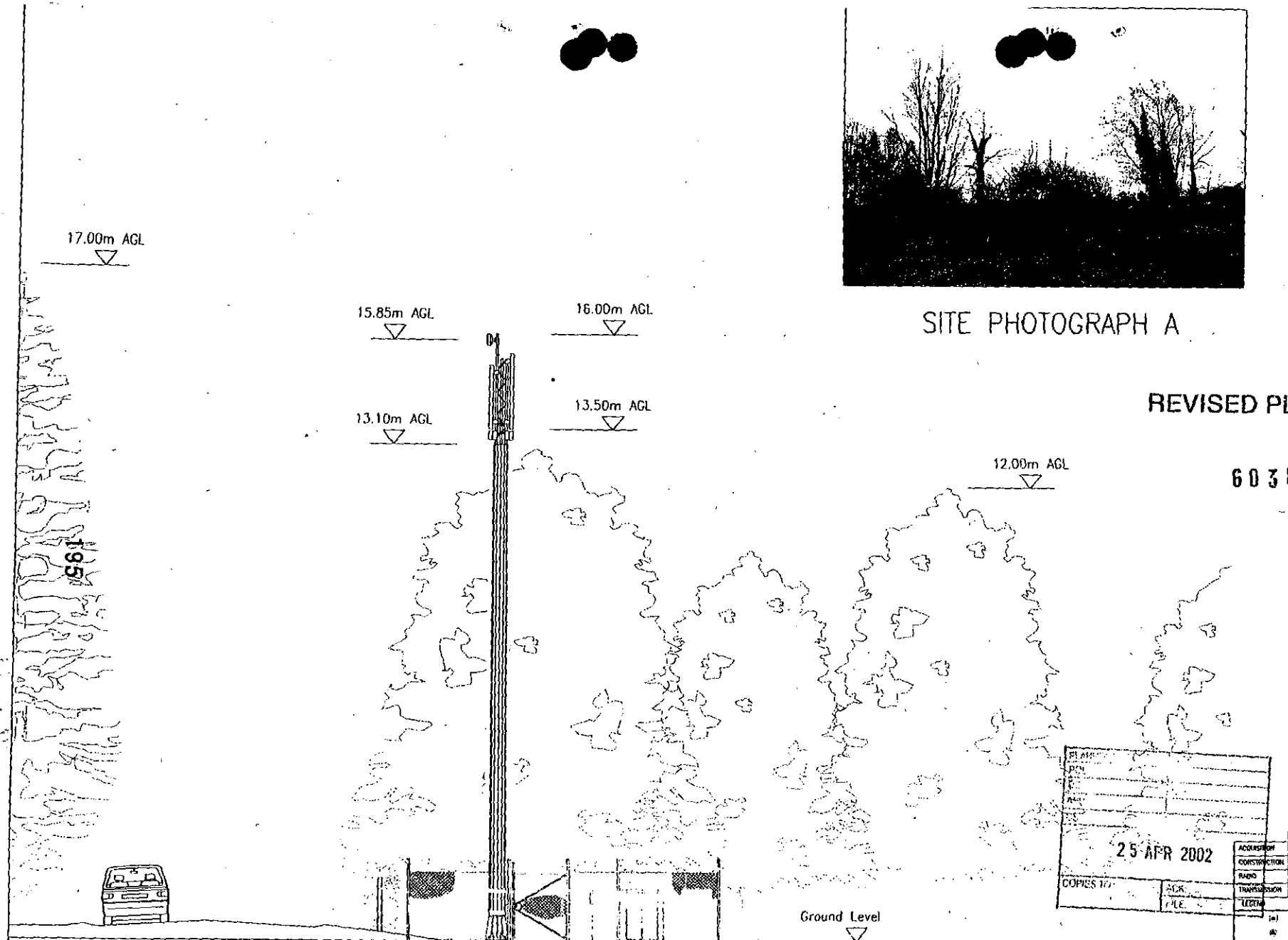
Drawing no.: 00188680-111

Site ID: 00188680

Nominal ID: RG4027

Issue: B1 | Scale: AS SHOWN | Checked: JYW | Date: 12.12.01
Rev: TM | Date: 12.12.01 | Approved: JKM | Date: 12.12.01

Consultant Ref. No.: H3G-0055



ELEVATION A
SCALE: 1:100

SITE PHOTOGRAPH A

REVISED PLAN

6038

25 APR 2002

COPIES TO:

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

(a) Mast
(b) Safety Sign
(c) Proposed External Light
(d) Proposed Earth Pit
Proposed Power Route
Existing Power
Existing Water
Existing BT
Existing Overhead Cables
Existing Wooden Fence
Proposed Access Track
Proposed Gravel Area
Proposed Cable Tray

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-113
00188680-114

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PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12827
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M1 at Junction 11 southbound on A33. 1m right at roundabout. Site approx. 1 mile south on Nercook Lane.

Proposed Tower Details
Height:- 15m
Type:- Special
Hutchison Ref:- Special tapered timber monopole DC2802T with special headframe 2.9m long.
Colour:- Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300#	15.85m		0° TC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	17.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	20.07.01	REVISED TO H3G COMMENTS	JYW	JKM
A2	14.01.01	REVISED TO H3G COMMENTS	JYW	JKM
A1	16.12.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
[illegible]
Tel: 01628 [illegible] Fax: 01628 [illegible]
H3G Base Station Information line: 0845 6043000
Available from 10am-7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
[illegible]

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATION

Purpose of Issue: PLANNING

Drawing No.: 00188680-112

Site ID: 00188680

Nominal ID: RG4027

Issue: B1 | Scale: AS SHOWN | Checked: JYW | Date: 12.12.01 | Drawn: JYW | Date: 12.02.01

Consultant Ref. No.: H3G-0055

THIS DRAWING IS THE PROPERTY OF HUTCHISON 3G & MUST NOT BE COPIED, TRACED OR REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

POL	TLS	
DC	ENF	
APP		
CL		

25 APR 2002

CK

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details

Hutchison Ref:– HEC Node B Outdoor Cabinet
Dimensions:– 1.8 x 0.9 x 1.3m High
Colour:– Olive Green BS12B27
Equip Cabinet – 0.385 x 0.79 x 1.3m High

Proposed Site Access Route

Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx 1 mile south on Heroock Lane.

Proposed Tower Details

Height:– 15m
Type:– Special.
Hutchison Ref:– Special tapered timber monopole DC280T with special headframe 2.8m long.
Colour:– Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300#	15.85m		0° TRUE
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder Hgth
A1	2.0m	13.5m	2253	45°	20m
C1	2.0m	13.5m	2253	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone

H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKW
B	10.04.02	ISSUED FOR PLANNING	JYW	JKW
A5	12.03.02	REVISED TO H3G COMMENTS	JYW	JKW
A4	04.03.02	REVISED TO H3G COMMENTS	JYW	JKW
A3	28.01.02	REVISED TO H3G COMMENTS	JYW	JKW
A2	18.01.02	REVISED TO H3G COMMENTS	JYW	JKW
A1	20.12.01	ISSUED FOR COMMENTS	JYW	JKW

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680–101
00188680–111
00188680–112
00188680–113

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Tie
- Proposed Power Route
- Existing Phone
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Stations Information Line: 0845 0841808
Available 8am–10pm 7 days a week

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE

Site Name: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATIONS

Purpose of Issue: PLANNING

Drawing no.: 00188680–114

Site ID: 00188680

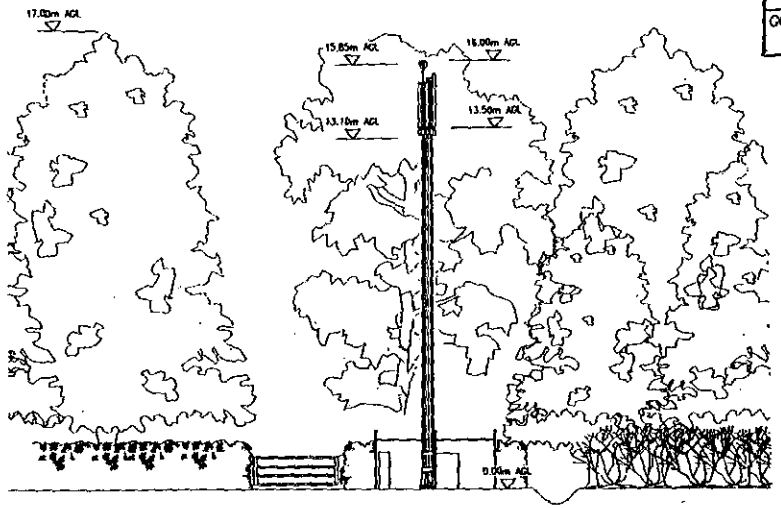
Alternative ID: RG4027

Issue: B1 | Scale: AS SHOWN | Paper: A1 | Date: 17.04.02

Consultant: TCI

196

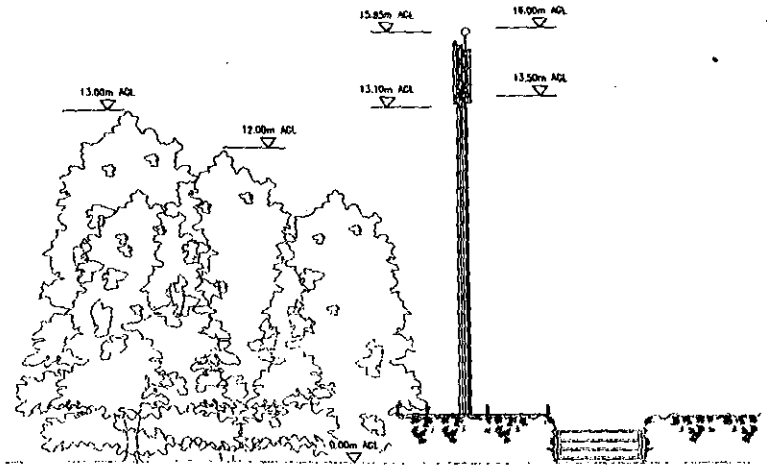
SITE PHOTOGRAPH A



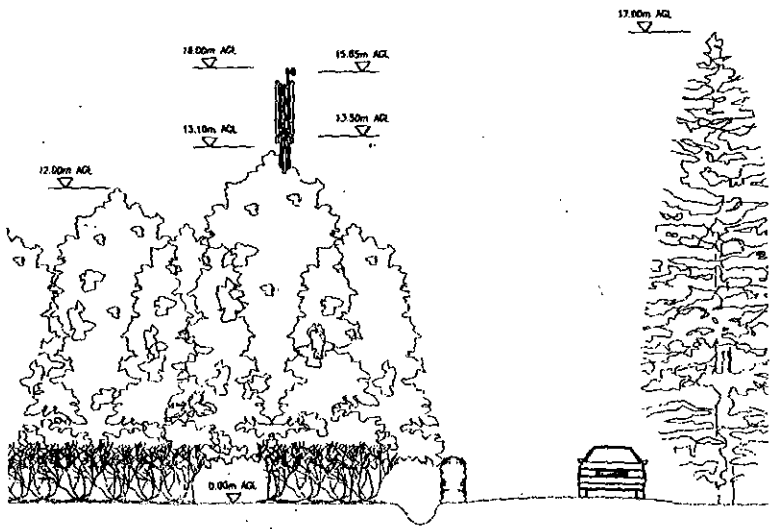
ELEVATION D
SCALE: 1:200

REVISED PLAN

6038



ELEVATION B
SCALE: 1:200



ELEVATION C
SCALE: 1:200

THIS DRAWING IS THE PROPERTY OF HUTCHISON 3G & MUST NOT BE COPIED, TRACED OR REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

Natalie Brown

From: Ben Stephenson [ben.stephenson@reading.bartonwillmore.co.uk]
Sent: 01 July 2002 16:34
To: natalie.brown@wokingham.gov.uk
Cc: Paul Hose; Jennifer Walters (E-mail)
Subject: Cutbush Lane --- LPA Ref 02/6082 --- our ref 10471/A3/6

Dear Ms Brown

Further to my telephone message today, please could we would be grateful for an update with respect to the progress of the above planning application.

As you are aware we submitted revised plans for this site on the 30th may 2002, which addressed your queries and concerns regarding the position of the ladder on the proposed monopole. We understood at this time that there were no further issues relating to the application.

Given that this application has expired past the eight week period and no other issues remain our client is anxious to see progress on the application, given their immanent national network launch and also the fact that the site forms part of a internal trial network scheduled to commence in this summer.

Accordingly we would be grateful if you could advise us as to the earliest opportunity you will have to make a recommendation on this application, and also advise as to whether this will be for an approval.

With respect to the application at Diddenham Manor Farm, LPA ref 2002/6082 we are grateful for the information you provided in respect of the Bt Cellnet Site at Lee Manor Farm. We have sent a letter to you addressing this site and assessing the requirements of this site as an alternative site for H3G.

If you could advise myself or Jennifer Walters with respect to progress on each of these application we would be most grateful.
If you however have any queries or require further information please contact myself or Jennifer on the number(s) below.

regards

4/7 . 11.40am
phoned to say lane end farm appr with manager waiting to be signed - hopefully CIA.

re/ other appr great lee he said they have sent a letter re/ master sharing & this should be with me by mon.

Ben Stephenson
Phone 0118 943 0114

Jennifer Walters
Phone 0118 943 0106.

The information transmitted in this E-mail is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of, any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. Any opinions or advice contained in this E-mail are not necessarily those of Barton Willmore. If you received this in error, please contact the sender and delete the material from any computer. www.bartonwillmore.co.uk

Ben Stephenson
Phone 0118 943 0114

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service is powered by MessageLabs. For more information on a proactive
anti-virus service working around the clock, around the globe, visit:
http://www.star.net.uk
Please note that there is a limit of 15mb on the size of e-mails that can be received by Barton Willmore.

Applicationo	Name & Address
F/2002/6038	John Heggardon The Old Vicarage GRAZELEY Berkshire RG7 1LD
F/2002/6038	Mr G Plumpton The Elms GRAZELEY RG7 1JN
F/2002/6038	B J Clark 5 Diddenham Cottages GRAZELEY RG7 1JT
F/2002/6038	R A H Aitken Gravelly Bridge Farmhouse GRAZELEY RG7 1LG
F/2002/6038	Stephen & Ann Sweet Southbank Pump Lane GRAZELEY RG7 1JU
F/2002/6038	The Devereux Family 4 Fairview Cottages Lambwood Hill GRAZELEY RG7
F/2002/6038	Brian Mackness Ostlers Kybes Lane GRAZELEY RG7 1NG
F/2002/6038	Mr M Gardner Pound Green Farm GRAZELEY RG7 1LH
F/2002/6038	Mr John A D Bradshaw Hopkiln Farm Kybes Lane GRAZELEY RG7 1NQ
F/2002/6038	Paul & Tracey Earwaker Church Croft GRAZELEY Berkshire RG7 1LD

F/200/6038	Marc Lang 2 Diddenham Cottages GRAZELEY Berkshire RG7 1JT
F/2002/6038	Mrs P M Carter Rapleys GRAZELEY GREEN Berkshire RG7 1LS
Committee letter sent 06.11.02	Names transferred to MKA
APPLICATION REFUSED	LETTERS SENT 18.11.02

F/2002/6038 Land South West Great Lea Farm House - NB

The proposed ~~[illegible]~~ mast would be seriously detrimental to the visual amenities and character of the area due to its prominent siting adjacent to Mexcoakhane. Furthermore the proposal fails to take account of the potential opportunity for mast sharing within the immediate area. The proposal is therefore contrary to policies - - - - - - -

BSP: C2, TC1

LALP: LTV2

WDLP(DD): WOS3, WCC1, WIC14

(Refused at 13/11/02 DC Committee)

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk

REPLY BY
7 NOV 2002

Barton Willmore
Planning

PLAN
PC
DC | ENF
APP
CS | 62517
24 OCT 2002
COPIES TO | ACK
FILE

T. Watson, Esq.,
Head of Development Control,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

BY FAX AND POST – 0118 974 6484

10471.6/RG4027/JW/jav

23rd October 2002

Dear Mr Watson

HUTCHISON 3G UK LIMITED
PROPOSED DEVELOPMENT AT DIDDENHAM MANOR FARM, MEREOAK LANE
PLANNING APPLICATION REF: F/2002/6038

We write further to our letter dated 16th September in respect of the above planning application (copy enclosed), and the lack of progress in its determination.

We received a reply to our letter from Kerrin Lithgow, dated 19th September, which advised that the Case Officer, Natalie Brown, was still awaiting a response from the Ward Member as to whether he agrees to the planning application being approved under delegated powers (as there is an Officer recommendation for approval), or whether he would like the application to be reported to Committee.

Further to that response, I tried to telephone Natalie Brown upon her return from leave on many occasions and recently on an almost daily basis. I am being repeatedly advised that Natalie Brown is either on leave, at university, not in the office or not available, and consequently I am not receiving any feedback on the application. I have therefore also telephoned Kerrin Lithgow on a number of occasions. During our last conversation, on 18th October, Kerrin Lithgow advised that the file indicated that Natalie Brown had recently spoken with the Ward Councillor, but she could not comment on the outcome of these discussions. She left a message for Natalie Brown to contact me with further details.

I am still awaiting this feedback and in light of the significant delay in the determination of this application (the 8 week period expired on 26th April 2002, although we have recently requested that this is extended), I would be very grateful if you could provide some indication as to how and when the application is likely to be determined.

Certificate No. FS 29837

Clearly we have the option of appealing against non determination of the application, but we consider this would be a waste of both the Council's and Hutchison's time and resources, particularly if we are approaching a favourable outcome.

We look forward to hearing from you.

Yours sincerely

pp **JENNIFER WALTERS**
Associate

Enc. (copy of letter to Wokingham District Council dated 16th September)

COPY

T Watson, Esq.,
Environmental Services,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

10471.6/RG4027/JW/jav
16th September 2002

Dear Mr Watson

PROPOSED DEVELOPMENT BY HUTCHISON 3G UK LIMITED
LAND WEST OF GREAT LEA FARM HOUSE, MEREOAK LANE, GRAZELEY
PLANNING APPLICATION REF: F/2002/6038

We write in respect of the above planning application, and in particular the fact that the 8 week period for determination expired on 26th April 2002.

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In the meantime, we formally request that the 8 week period for determination is extended, to 30th October 2002, to reflect the lengthy negotiation that has been undertaken on this planning application. I would be grateful if you could confirm this extension of time in writing.

We look forward to hearing from you.

Yours sincerely

JENNIFER WALTERS
Senior Planner

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk

Barton Willmore
Planning

T. Watson, Esq.,
Head of Development Control,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

TW

62517

21 OCT 2002

BY FAX AND POST -- 0118 974 6484

FILE 10471.6/RG4027/JW/jav

23rd October 2002

Dear Mr Watson

HUTCHISON 3G UK LIMITED
PROPOSED DEVELOPMENT AT DIDDENHAM MANOR FARM, MEREOAK LANE
PLANNING APPLICATION REF: F/2002/6038

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We look forward to hearing from you.

Yours sincerely

pp **JENNIFER WALTERS**
Associate

Enc. (copy of letter to Wokingham District Council dated 16th September)

COPY

T Watson, Esq.,
Environmental Services,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

10471.6/RG4027/JW/jav
16th September 2002

Dear Mr Watson

PROPOSED DEVELOPMENT BY HUTCHISON 3G UK LIMITED
LAND WEST OF GREAT LEA FARM HOUSE, MEREOAK LANE, GRAZELEY
PLANNING APPLICATION REF: F/2002/6038

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We look forward to hearing from you.

Yours sincerely

JENNIFER WALTERS
Senior Planner

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk

SERVICES HPT 62339
TLS
NAB RHF
21 OCT 2002
ACK:
FILE:

Barton Willmore
Planning

Ms. N. Brown
Wokingham District Council
Development Control Section
PO BOX 157
Shute End
Wokingham
RG40 1WR

10471/6/RG4027/BS/mr

18th October 2002

Dear Ms Brown

HUTCHISON 3G PROPOSED DEVELOPMENT AT DIDDENHAM MANOR FARM, LPA REF F/2002/6038

We write in relation to the above application and to request for an extension of time for the eight week period which initially expired on 26th April 2002.

This request is made due to the need to reflect the ongoing provision of additional information and negotiations that have been undertaken in respect of the application. We would request that the eight week period for determination be revised to the 20th October 2002.

We would be grateful if you could confirm the acceptability of the extension of time to reflect the above.

Yours sincerely

Ben Stephenson

BEN STEPHENSON
Planner

25/10 10.05.

Phoned to say would be taking to cmte with rec. for C/A.
Informal local clr that if mast share would be a 21m lattice mast which we feel would be visually intrusive clr (Parish etc) would prefer the mast share & not monopole.

Town Planners • Environmental Consultants
Architects • Master Planners • Project Services

Contact: Gareth Capner, Ian Tant, Roger Turnbull, Mark Sitch, Angela Doone

A list of partners can be inspected here and at our associated offices in:
Bristol Cambridge Edinburgh Leeds London West Malling (Kent)

Certificate No. FS 29637

1327

WOKINGHAM DISTRICT COUNCIL

To Natalie / Kerrin

Date 23/10/02 Time 10.30

WHILE YOU WERE OUT

Name Jennifer Walters

Of

Phone No. 07787506299 . Ext.

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

MESSAGE Re: Great Hea Farm House

Signed Den.

ESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - ME
GE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAG
D - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PA
ESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - ME

To: Natalie

Mr / Mrs / Miss Jennifer Walker

Of: _____ Tel No: 943 0106

☑ Telephoned ☐ Visited ☐ Wants to see you

☑ Please Phone ☐ Will call again ☐ URGENT

Message:

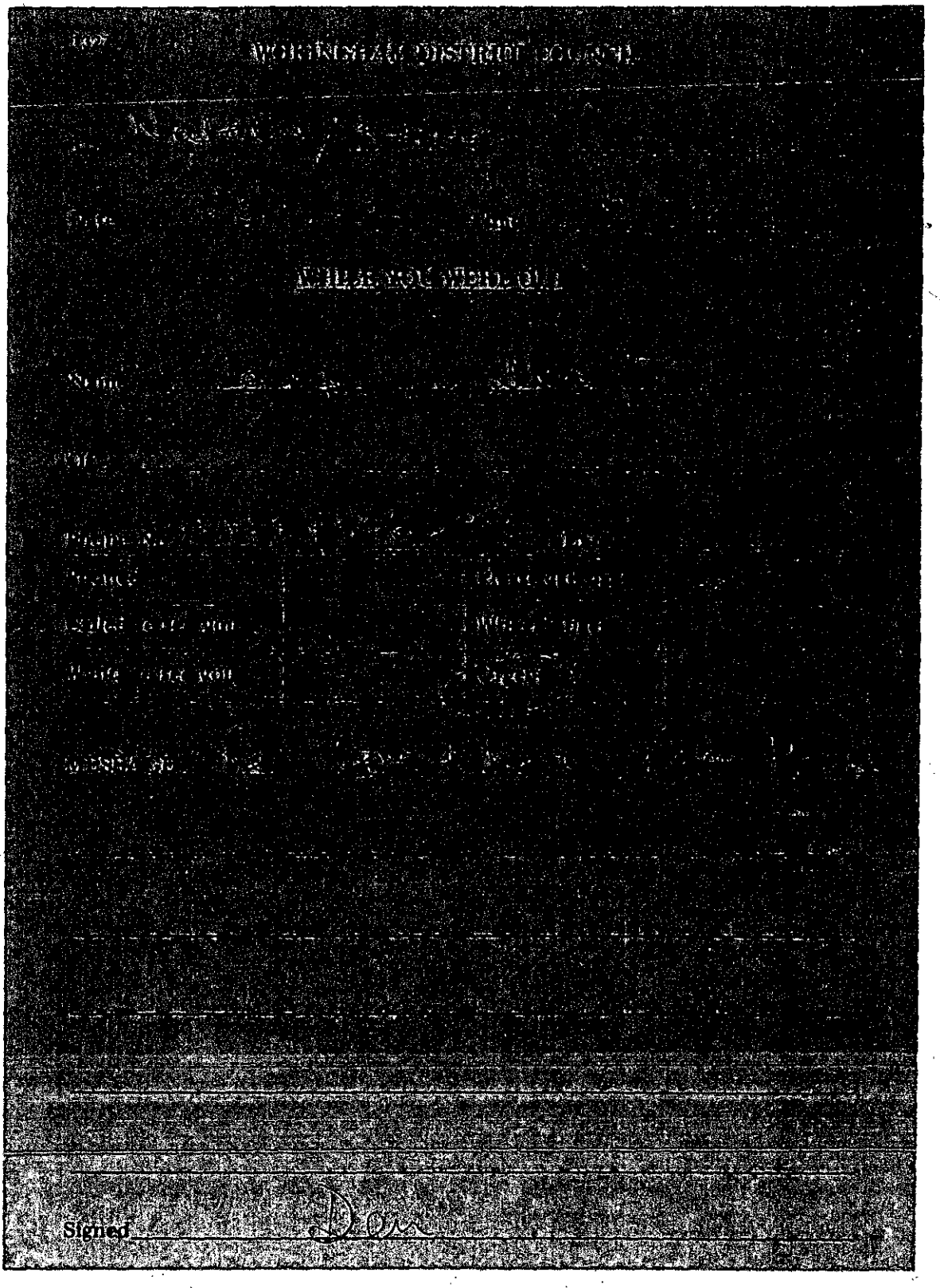
6038

URGENT.

Message taken by: _____ Time: _____

Date: _____

THE REPROGRAPHICS UNIT, Unit 13 Weller Drive, Hogwood Lane Ind. Est.
Finchampstead, Berkshire RG40 4QZ Tel: (0118) 9735844 Fax (0118) 9735966
Email: reprographics@wokingham.gov.uk



Signed

Tel. 0118 974 6441 (Direct Line)
Fax. 0118 9746484
Email. kerrin.lithgow@wokingham.gov.uk

Date. September 19, 2002

My ref. F/2002/6038

Your ref. 10471.6/RG4027/JW/jav

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

Ms Jennifer Walters
Barton Willmore Planning
Beansheaf Farmhouse
Bourne Close
Calcot
Reading
RG31 7BW

Dear Ms Walters

APPLICATION NO: F/2002/6038
SITE ADDRESS: LAND WEST OF GREAT LEA FARM HOUSE, MEREOAK LANE, GRAZELEY

I refer to the above application, and your letter of the 16th of September 2002, in which you have queried the processing of the application. I wish to advise as follows.

Ms Brown wrote to the local councillor on the 9th of September, enquiring of him whether he wished for the application to be 'listed' and therefore go to committee, or whether the application could be dealt with under delegated powers. We are awaiting a reply from the councillor on this matter, after which time we will be able to proceed as directed.

Should you have any queries as to the above, please do not hesitate to contact myself or Natalie Brown on her return.

Yours sincerely

Kerrin Lithgow

Senior Planner (South East Area)

MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD -
SSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES
SAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES-
SAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES-

Returned call 17/09
KL

To: Trevor

Mr / Mrs / Miss Jennifer Walters.

~~Of~~: Agent. Tel No: 9430106.

- [x] Telephoned
- [ ] Visited
- [ ] Wants to see you
- [x] Please Phone
- [ ] Will call again
- [ ] URGENT

Message:

Re: Natalie's application F/2002/6038 - Great Lea House farm - 3x2000mm antennae + 1x600mm microwave dish etc.
Thought Natalie was to speak to you about this with the hope of issuing a decision before she went on leave.

Message taken by: Den Time: 9am.

Date: 16/09/02.

THE REPROGRAPHICS UNIT, Unit 13 Weller Drive, Hogwood Lane Ind. Est.
Finchampstead, Berkshire RG40 4QZ Tel: (0118) 9735844 Fax (0118) 9735966
Email: reprographics@wokingham.gov.uk

- Awaiting comments from Councillor Bryant 09/09.
- Letter sent on 9th asking if he wants the application listed or not.

Kerrin L.

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot, [illegible]
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk

REPLY BY
1 OCT 2002

Barton Willmore
Planning

KL
61093
17 SEP 2002
COPIES TO

T Watson, Esq
Environmental Services
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

10471.6/RG4027/JW/jav
16th September 2002

Dear Mr Watson

PROPOSED DEVELOPMENT BY HUTCHISON 3G UK LIMITED
LAND WEST OF GREAT LEA FARM HOUSE, MEREOAK LANE, GRAZELEY
PLANNING APPLICATION REF: F/2002/6038

We write in respect of the above planning application, and in particular the fact that the 8 week period for determination expired on 26th April 2002.

We were advised by Natalie Brown on 9th September 2002 that she would confirm, by 13th September, whether the planning application was to be approved under delegated powers or presented to Committee (on 2nd October) with a recommendation for approval. We did not receive this confirmation, and have now been advised that Natalie Brown will not be available until 10th October 2002.

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We look forward to hearing from you.

Yours sincerely

Jackie Walters

pp **JENNIFER WALTERS**
Senior Planner

Certificate No. FS 29537

FILE NOTE. F/2002/6038.

Telephone conversation btw. Kerrin Lithgow and Councillor Malcolm Bryant
01/10/2002 12:42 PM.

Councillor Bryant has had discussions with the Parish Council re: increase in height from 15 to 21 metres.
Is satisfied with the proposed increase. → relates if mast share
No longer wants it listed.

Kerrin Lithgow
01/10/2002.

phoned & left msg for Cllr Bryant 15.54 9/10 to clarify this.

He phoned 9.25am 10/10

confirmed they want mast sharing at TC site 21m & not monopole appr in open space (6038)

MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD -
SSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES
SAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES-
SAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MES-

To: _____

Mr / Mrs / Miss _____

Of: _____ Tel No: _____

☐ Telephoned ☐ Visited ☐ Wants to see you

☐ Please Phone ☐ Will call again ☐ URGENT

Message:

Message taken by: _____ Time: _____

Date: _____

THE REPROGRAPHICS UNIT, Unit 14 Waller Drive, Hogwood Lane Ind. Est.
Finchampstead, Berkshire RG40 4QZ Tel: (0118) 9735644 Fax: (0118) 9735966
Email: reprographics@wokingham.gov.uk

ESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - ME
GE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSA
D - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PA
ESSAGE PAD - MESSAGE PAD - MESSAGE PAD - MESSAGE PAD - ME

To: Kerrin

Mr / Mrs / Miss Malcolm Bryant (councillor shinfield)

Of: _____ Tel No: 9755570

- [x] Telephoned
- [ ] Visited
- [ ] Wants to see you
- [x] Please Phone
- [ ] Will call again
- [ ] URGENT

Message: F/2002/6038

Mere Oak Lane

Grazeley

Prop. installation 3x 2000mm antennas

1 microwave dish

Told him you would ring him Tuesday morning.

Message taken by: Lynn Time: 4.25

Date: Sept. 30th 02 (Rang 01/10 8:30am)

THE REPROGRAPHICS UNIT, Unit 13 Weller Drive, Hogwood Lane Ind. Est. Finchampstead, Berkshire RG40 4QZ Tel: (0118) 9735844 Fax (0118) 9735966 Email: reprographics@wokingham.gov.uk

Tel: (0118) 974 6492 (Direct Line)
E-Mail: Natalie.Brown@wokingham.gov.uk
Date: 9 September 2002
My ref: NB/F/2002/6038

Cllr Malcolm Bryant
Rosebry
19 Salmond Road
Shinfield
RG2 8QN

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

Dear Cllr Bryant,

APPLICATION: F/2002/6038 – PROPOSED INSTALLATION OF 16M HIGH TIMBER MONOPOLE TELECOMMUNICATIONS MAST
SITE: LAND SOUTH WEST OF GREAT LEA HOUSE FARM, MEREOAK LANE, SHINFIELD

I refer to our telephone conversation of this morning with reference to the above planning application.

I have been out on site with reference to this application and the approved application (application TL/2001/3280 for a 15m high monopole at Great Lea Farm, Great Lea). I have been advised by the agents for application F/2002/6038 that for mast share to occur on the site of application TL/2001/3280, it would result in a 21m high lattice mast. I have discussed these applications with Trevor Watson and we are of the opinion that a 21m high lattice mast would be more visually intrusive than the 2 separate monopole masts.

The agents for application F/2002/6038 have changed the mast to a timber monopole which would have the antenna on top.

Would you please advise me if you wish the application to be listed for Development Control Committee (if so I would need your reasons for listing in writing), or whether you are happy for the application to be recommended for approval under delegated powers.

I trust this advice is of use to you and should you wish to discuss any matter further please do not hesitate to contact me on the number above.

Yours sincerely

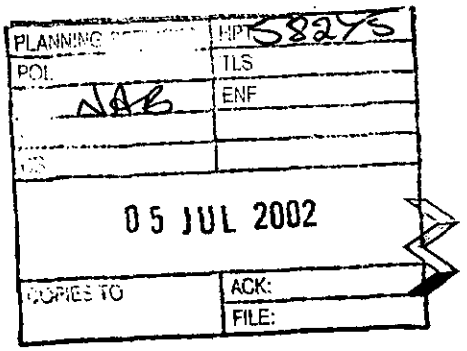
NMB

Natalie Brown

Planning Officer

Enc: Site plan and plans relating to current application F/2002/6038
Site plan and plans relating to approved application TL/2001/3280

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk



Barton Willmore
Planning

Wokingham District Council,
Planning Department,
Council Offices,
PO Box 157,
Shute End,
Wokingham,
RG40 1WR,
FAO: Natalie Brown

10471/A3/6/BS/jav

2nd July 2002

Dear Ms Brown

Hutchison 3G Proposed Development At Diddenham Manor Farm
LPA Ref F/2002/6038

Thank you for providing the planning application reference number in respect of the approved Bt Cellnet mast at Great Lea Farm, Three Mile Cross. We have now obtained copies of the plans of the approved planning application and comment below upon the site in relation to Hutchison 3G proposals at Diddenham Manor Farm.

BT Cellnet at Great Lee Farm.

The approved mast at Great Lee Farm consists of a 15m monopole with 1.77m antennas mounted on the top of the unit, giving a total height of 16.7m. Also mounted upon the structure are two 0.6m diameter transmission dishes. The mast itself is screened from the northwest by trees up to 18m in height. The approved development is therefore well related to and screened by the surrounding foliage and branches of these deciduous trees.

A Shared Structure.

The monopole design of BT Cellnet as existing is unsuitable for other operators to share, and as such would not be able to accommodate Hutchison 3G's equipment without redevelopment. The required structure would take the form of a lattice tower that would have a height of approximately 21m. The additional height is required in order to provide the vertical space for the H3G antennas at the height of the present BT Cellnet antennas while providing the required separation existing BT Cellnet antennas to be positioned above the H3G equipment.

Certificate No. FS 29637

Town Planners • Environmental Consultants
Architects • Master Planners • Project Services

Contact: Gareth Capner, Ian Tant, Roger Turnbull, Mark Sitch, Angela Doone

A list of partners can be inspected here and at our associated offices in:
Bristol Cambridge Edinburgh Leeds London West Malling (Kent)

This structure would significantly increase the bulk, massing and height of the presently approved telecommunication structure, to an extent where by it would not be as well screened

by the surrounding trees. It is considered that the lattice structure would appear as a large visible object within the landscape, as opposed to the existing BT Cellnet mast. This is because there would be approximately a 3m element of the lattice tower including the bulk of the headframe and antennas positioned above the tree line.

Additionally the significantly larger footprint of the lattice tower would require the structure to be moved away from the trees so that the foundations for the tower do not impact the upon the roots of these trees. There would also be the requirement for an enlarged base compound to accommodate the H3G equipment cabinet.

Taking these factors into account it is considered that these would combine to such an extent that would result in the replacement lattice tower becoming a large visible object within the landscape.

Conclusions.

Redeveloping the BT Cellnet mast to a 21m tall lattice structure would significantly increase the prominence of this mast within the countryside by virtue of the projecting headframe and antennas that would be visible above the surrounding trees. It is considered that the proposed mast at Diddenham Manor Farm represents a more suitable solution to redeveloping the BT Cellnet mast.

However if you have any queries or require further information please contact Jennifer Walters or myself at the above address.

Yours sincerely

BEN STEPHENSON
Planner

Paul Hose - Hutchison 3G UK Ltd.

ENVIRONMENT AGENCY

Our Ref : SP/2002/005442-1/1
Your Ref : F/2002/6038

Date : 23 May 2002

57485
PLANNING
POL
DC NB
APP
CS
ENF
14 JUN 2002
COPIES TO
ACK:
FILE:

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

Dear Natalie Brown

PROPOSAL: INSTALLATION OF ANTENNAS & MICROWAVE DISH ON A 16M HIGH MONOPOLE WITH EQUIPMENT CABINETS, ANCILLARY EQUIPMENT AND NEW ACCESS
LOCATION: LAND WEST OF GREAT LEA FARM HOUSE, MEREOAK LANE, GRAZELEY, READING

Thank you for your letter dated 8 March 2002, received on 12 March 2002. Please quote the following reference in any correspondence: SU76NW/11/6. The Environment Agency has the following comments:

The Environment Agency has no objection to the proposed development, but would like the following advice to be taken account of;

PLANNING INFORMATIVES

The following planning informatives should be attached to any planning permission granted:

If any sort of concrete stand or work on the bank needs to be carried out then the applicant needs to be aware of their responsibilities with regard to the presence of water voles and that any disturbance of the burrows if water voles are present is an offence under the Wildlife and Countryside Act 1981.

Culverting of a watercourse requires the prior written approval of the Local Authority under the Public Health Act 1936, and the prior written consent of the Environment Agency under the terms of the Land Drainage Act 1991/ Water Resources Act 1991. The Environment Agency seeks to avoid culverting, and its consent for such works will normally be withheld. Contact Brian Ellewood on 01276454343 for further details.

ADVICE

Land Drainage

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

Enclosed is a copy of the Environment Agency's policy regarding culverts.

Environment Protection

The proposed site is located within the groundwater protection zone which means that the Environment Agency seeks to prevent any contaminant reaching the groundwater resource. It is acknowledged that due to the size of the proposed site, surface water runoff to soakaways would not be required, therefore the risk to groundwater is perceived as minimal. However, surface water from hard surfaced areas should discharge via deep seal trapped gullies incorporating a minimum water seal of 85mm or similar.

Wildlife Conservation

Wildlife Protection
The existing conservation value of the site should be safeguarded through measures agreed in consultation with environmental organisations such as English Nature and the County Wildlife Trust. This includes the safeguarding of any water voles that may be in the ditches around the site.

Wildlife Enhancement

The developer should avoid gaining access, storing materials and spoil spreading on adjacent areas of important wildlife habitat.

Natural Drainage
The development should incorporate Sustainable Drainage Systems (SuDS) utilising surface water for landscape irrigation and water features. This should include making use of permeable surfaces and other similar measures to reduce the risk of non-point source pollution or excessive surface water run-off. This might include the use of gravel surfaces in paths, parking spaces and driveways.

DECISION NOTICE

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

Yours faithfully

PAUL BUSING
Planning Liaison Officer
Direct dial: 01276 454492
Direct fax: 01276 454352
Email: paul.busing@environment-agency.gov.uk

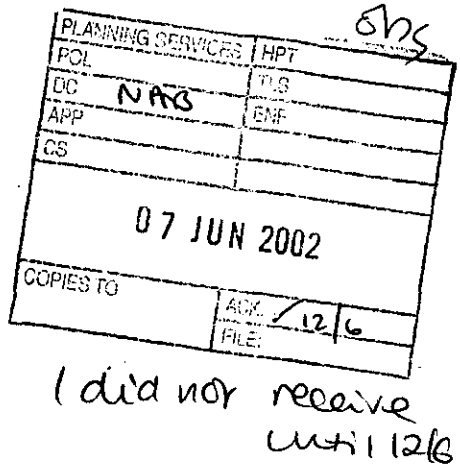
CC: Barton Willmore Planning Partnership

18

Natalie Brown

From: Tracy Earwaker [TracyEarwaker@hecm.co.uk]
Sent: 06 June 2002 09:05
To: natalie.brown@wokingham.gov.uk
Subject: Objection: Ref. F/2002/6038

Importance: High



ENS

NAG

I did not receive until 12/6

Church
Croft
Grazeley
Berkshire
RG7 1LD
0118 988 3474

30/05/02

Case Officer
Natalie Brown
PO Box 157
Council Offices
Shute End
Wokingham
Berkshire
RG40 1WR

Re: Application Number F/2002/6038: Telecommunications Installation, Mereoak Lane

Dear Ms Brown

Further to our previous letter, as residents of Grazeley living at Church Croft we are extremely concerned about the recent application for a 16 metre high telecommunications mast with 3 antennae, microwave dish and ancillary equipment which was submitted to Wokingham District Council by Hutchinson 3G UK Ltd. The inference that the 16m green monopole would be replaced by a 13.10m tapered timber monoplole is misleading because the total installation, including antennae will still rise to 16metres.

Speaking as both residents and environmentalists we are anxious to preserve the countryside and rural character of Grazeley. The basis of our objections include:

1. The mast and ancillaries would have a significant visual impact in this open countryside location and adversely affect the character and appearance of the area, which is a designated 'Green Gap' in the District Local Plan. Although the monople is timber it will still be an eyesore representing an intrusion into the open rural landscape of Grazeley.

2. There is a lack of adequate tree and foliage cover and this detrimental impact would be particularly intrusive in the winter months.

3. Planning policy states that permission will only be granted when there is no reasonable possibility of sharing a mast, yet permission was granted a year ago for a similar installation only 300 metres to the north-east. Also, there are less intrusive sites in the area, such as alongside the A33. Applicants have still not submitted evidence that there are no alternative sites available.

4. Access and egress for maintenance on this fast stretch of de-restricted road, which is often affected by flooding, would be dangerous and constitute a significant safety hazard.

5. There is ongoing uncertainty about the health issues associated with radio frequency equipment.

6. Finally, the value of properties in the surrounding area would be adversely affected by this installation.

The recent threat of 2 500 houses was successfully averted due to the significant effort by the local community and I trust that you will once again be sympathetic to the objections raised.

Yours faithfully

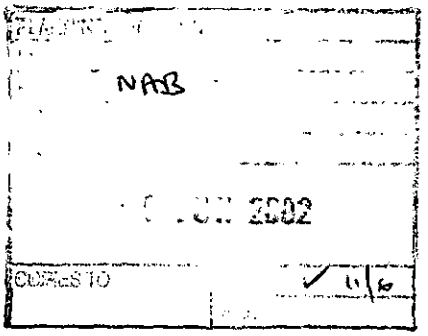
Paul & Tracy Earwaker

Best Regards,
Tracy Earwaker
Project Support Officer for Outsourcing
HECM Customer Services
01296 56 1693 (Aylesbury)
07768 520624 (Mobile)

HECM Customer Services Limited, (Registered in England and Wales No.2609486)
Registered Office : 33 Old Broad Street, London EC2N 1HZ Telephone 01296 393100
Regulated by the Financial Services Authority.
Marketing Group Associate of the Halifax Financial Services Marketing Group.
We may record telephone calls so that we have a record of what was said and for monitoring and training purposes

17

By facsimile



The Elms
Lambwood Hill
Grazeley
Berkshire
RG7 1JN

31 May 2002

Natalie Brown
Development Control Officer
Environmental Service Dept. - Planning Services
Wokingham District Council
PO Box 157
Shute End
Wokingham
BERKS RG40 1WR

I did not receive until 11/6.

Dear Natalie

REF : Application Number F/2002/6038

Firstly may I apologise for sending this by facsimile, but I have been away on business and wanted to ensure you received my letter by close of business today. The original of this document will be mailed to you First Class this evening.

I am writing to reconfirm my objections to the above planning application – you have issued correspondence correcting an error in the proposed site and I also believe the mast is now proposed to be constructed of timber as opposed to metal. Neither of these matters negate my objections at all.

The proposed site is an area of green land and of natural beauty, any erection would thus destroy that beauty. Access to the site remains a cause of hazard particularly in winter months, and there is an alternate site that already has approval – why is this not being considered ? or better still, a site along the A33 roadside could be proposed which would not be in close proximity to any residential dwelling or village community.

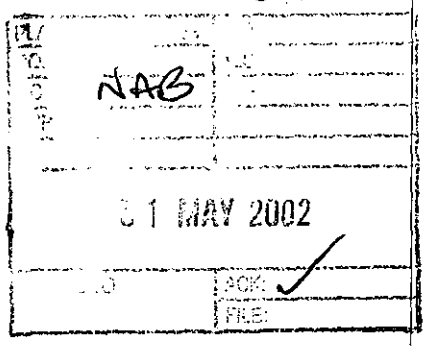
Please note I do strongly object to this application and hope that on consideration the Authority will reject it and make efficient use of existing approvals or insist on alternate sites which will not intrude on village communities.

Yours sincerely

G. Plumpton (Mr)

OBS

17



By facsimile

The Elms
Lambwood Hill
Grazeley
Berkshire
RG7 1JN

31 May 2002

Natalie Brown
Development Control Officer
Environmental Service Dept. - Planning Services
Wokingham District Council
PO Box 157
Shute End
Wokingham
BERKS RG40 1WR

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Yours sincerely

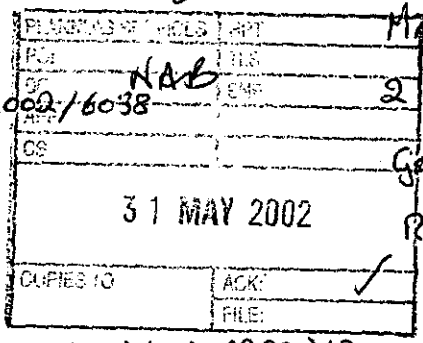
G. Plumpton (Mr)

16

OB

YOUR REF

NATALIE BROWN F/2002/6038



Marc Lang

2 DIDDENHAM COTTAGES,

GRAZELEY

READING RG7 1JT

29-05-02

DEAR MADAM

laid nor receive until 11/6

I THANK YOU FOR YOUR RECENT CORRESPONDENCE RELATING TO THE ABOVE REF NO, HOWEVER AFTER STUDYING THE REVISIONS AND AMENDMENTS, I AM UNABLE TO SEE ANY SIGNIFICANT CHANGES OR IMPROVEMENTS IN THE APPLICATION THEREFORE MY OBJECTIONS TO SAME, REMAIN AS BEFORE.

I WOULD ALSO LIKE TO KNOW IF AN ALTERNATIVE SITE SURVEY HAS BEEN CARRIED OUT IN LINE WITH GOVERNMENT DIRECTIVES, AND IF SO ARE THE RESULTS AVAILABLE FOR PUBLIC SCRUTINY AND SUBSEQUENT COMPREHENSION, AND IF NOT WHY NOT?.

YOURS FAITHFULLY.

F/2002/6439
Location: The Poplars, Lambwood Hill, Grazeley
Proposal: Proposed erection of two storey side extension and single storey rear extension to dwelling
Case Officer: Richard Kelly
Observations: No comment

O/2001/5053
Location: Training College, Meteorological Office, Shinfield Park, Shinfield
Proposal: Management proposals for bats
Case Officer: Angela Odell
Observations: To follow shorlty

F/2002/6038 NAB
Location: Land West of Great Lea House Farm , Mereoak Lane, Grazeley
Proposal: Proposed installation of 3 x 200 mm antennas and 1 x 600 mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
Observations: To follow shorlty

Yours faithfully

Tracy Sampson
Assistant Clerk

Shinfield
Parish Council
Clerk: Mrs J Barnes, 36 Ryhill Way, Earley, Reading, Berkshire RG6 4AZ
Tel/Fax: 0118 9547115

PLANNING SERVICES HPT
29 MAY 2002
CORRESPONDENCE FILE

25th May 2002

Planning Officer
Development Control South
Wokingham District Council
PO Box 157
Shute End
WOKINGHAM RG40 1WR

Dear Sir/Madam
PLANNING APPLICATIONS
SHINFIELD PARISH COUNCIL'S OBSERVATIONS

I submit the comments of the Planning and Transportation Committee on the following applications:

OB

PLANNING SERVICES
POL
DC NAB
APP
CS
29 MAY 2002
COPIES TO

GRAVELLY BRIDGE FARMHOUSE
GRAZELEY
READING
RG7 1LG
0118 988 3164

Ms Natalie Brown,
Case Officer,
PO Box 157,
Council Offices,
Shute End,
Wokingham,
Berkshire RG40 1WR

28TH May 2002

Dear Ms Brown,

Application No. F/2002/6038:
Telecommunications installation at Great Lea House Farm, Mereoak Lane, Grazeley.
Thank you for your acknowledgements of my letter.

1. I understand that the proposed site will still be clearly visible from the eastern windows of my house - especially from my bedroom, which is one of the views from the house which we especially value, since these windows have always looked out over open countryside. The new design – stated to be a 13.10 Metre wooden pole – seems to give the wrong impression; I am advised that the overall installation height will still be over 16 metres. Over 50 feet is higher that the roof of my house – one of the larger buildings in the flat land to the west of the A33. Therefore this installation will be easily visible from any house in Three Mile Cross which currently has unobstructed views to the west.

2. I am still concerned that, with the increasing traffic load on Mereoak Lane, the flooding and icing which takes place and the dangerously cambered corner. There will soon be a fatal accident on this stretch of road; any access point/parked vehicles on or beside the road will increase this risk.

3. The mast will not be screened for much of the year, since all tress in the area are deciduous.

4. I believe another mast is already approved nearby – this mast being well back from the road.

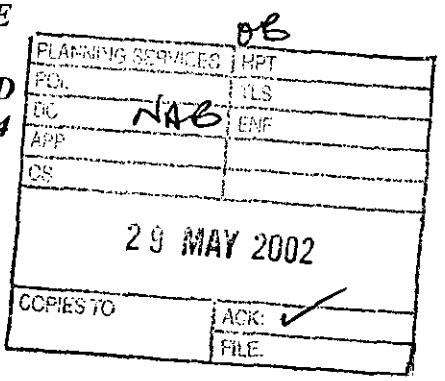
Please do not approve this obvious detraction from the rural nature of the area – and do not make the road even more dangerous.

Yours sincerely

R A H Aitken

18

THE OLD VICARAGE
GRAZELEY
BERKSHIRE RG7 1LD
Tel/Fax 0118 988 2644



Ms Natalie Brown
Case Officer, Wokingham District Council
Council Offices, Shute End
Wokingham, Berkshire RG40 1WR

28th May 2002

Dear Ms Brown,

Application No. F/2002/6038:
Telecommunications installation at Great Lea House Farm, Mereoak Lane, Grazeley

Further to my recorded objection of 26th March to the above planning application, I write once again to record my continuing objection to the revised plans; this letter being submitted within the extended timescale advised in your most recent letter of 1st May, which gave a corrected site address.

The continuing objection of my family as long-time residents of Grazeley, is based on the further points recorded below, additional to those made in our letter of 26th March, which still stand:

1) The misleading inference from your letter of 30th April advising of the revised submission, is that the installation has been reduced in height from 16 metres to 13.10 metres. It is only when one takes the trouble to study the drawings accompanying the application, that it becomes evident that the installation is still 16 metres in height and will therefore continue to constitute a visual intrusion in open countryside and continue to have a detrimental effect on both its character and appearance.

2) The applicant has still not provided evidence that no satisfactory alternative sites are available. You will be aware that this is a requirement of both national Government Guidance and the Local Plan, but has yet to be complied with by the applicant. Surely you cannot contemplate recommending the granting of planning permission until such evidence is forthcoming?

3) As previously stated in Paragraph 5 of my objection, this site is located on a dangerous stretch of road and close inspection of the case file reveals that it has yet to be given clearance by the District's Highways Department. Any recommendation for approval must surely await this clearance?

For the reasons stated above, we would once again urge you to refuse permission for this proposal.

Yours sincerely,

JOHN HEGGADON

PLANNING SERVICES	HPT
POL	TLS
DC	ENF
APP	
CS	
28 MAY 2002	
COPIES TO	ACK: ✓
	FILE:

Mrs P M Carter
Rapleys
Grazeley Green
NR. READING RG7 1LS
BERKSHIRE

26th May 02

Dear Mrs Brown.

F/2002/6038

With reference to my letter objecting to the 16m pole. I now write again in the 2nd version as I understand the pole is not 13m in its entirety but again 16m. This is

not acceptable in a rural area. o further sites should be examined before any decision is taken.

Yours faithfully,

Tom Carlin.

TO: **DEVELOPMENT CONTROL**
Natalie Brown

FROM: Environmental Design

DATE: 13 May 2002

Location:	Land west of Great Lea Farm House, Mereoak Lane, Grazeley, Shinfield
Proposal:	Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
Application Number:	F/2002/6038

In response to your consultation dated 30 April 2002 for the above application, the landscape comments are as follows:

The proposed change in mast to a tapered timber monopole is visually more acceptable within the landscape than the steel monopole, however my previous comments are still applicable which are as follows:

The site is located within the countryside within a fairly open location. The low roadside hedgerow does nothing to screen views of the site when travelling from the west. The interconnecting hedgerow that forms the eastern site boundary contains one tree that provides limited screening of the site however the remaining hedgerow vegetation is elm that is dead or dying, and will not form any visual screen from the north east. A small section of hedgerow will need to be removed in order to gain access to the site, this is acceptable under The Hedgerow Regulations 1997 provided that an alternative access, at a reasonable cost, is not available. This will need to be clarified by the applicant

I am concerned that the mast and associated compound will be widely visible from within the landscape including the elevated A33, as the character of the countryside locally is flat and open with little vegetative cover. In this respect I do not consider that the site is a suitable location for the mast and it would be preferable if it could be relocated to a brownfield site, for example in connection with existing farm buildings.

If planning permission is given then the applicant will need to provide a detailed landscape scheme for additional planting to the west of the access track and to the south of the access area and compound and should include native tree and shrub species.

Catherine Brimble

Catherine Brimble
Landscape Architect

13

Mrs P M Carter
Rapleys
Grazeley Green
NR. READING RG7 1LS
BERKSHIRE

NAB

1.5.02

03 MAY 2002

ADDRESS TO | ACK | FILE

Dear Madam

1 not rec until 9/5

F/2002/6038

Thank you for your further communication on the above application.

I am certainly in favour of the revised plan of a 13.10m tapered timber monopole instead of the 3x2000 mm antennas.

Yours faithfully

Mrs. Carter

Date: 30 April 2002

To: Highways

We have received Revised Plans for the following planning application:

Application Number: F/2002/6038

Location: Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Proposal: Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Applicant: Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

Case Officer: Natalie Brown

The new plans show the following: 13.10m tapered timber monopole instead of originally proposed green steel monopole. Drawing nos: 00188680-101, 111, 112, 113 & 114.

Comments are required by 21/05/2002.

Should you have any queries regarding this application please contact the case officer Natalie Brown on (0118) 974 6492.

As previous.
(comments still not addressed).

1/5/02

Date: 30 April 2002

To: Case Officer

We have received Revised Plans for the following planning application:

Application Number: F/2002/6038

Location: Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Proposal: Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Applicant: Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

Case Officer: Natalie Brown

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Comments are required by 21/05/2002.

Should you have any queries regarding this application please contact the case officer Natalie Brown on (0118) 974 6492.

Planning Application

Received by Wokingham District Council

Application No: F/2002/6038

Proposal:
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Location:
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, 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 F/2002/6038 to enable the library staff to locate the correct information.

Comments should be sent in writing QUOTING THE APPLICATION NUMBER to the Case Officer Natalie Brown P.O. Box 157 Council Offices, Shute End, Wokingham Berkshire, RG40 1WR to arrive on or before 21/05/2002. 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.

Trevor Watson
Development Control Manager

30 April 2002

Revised Plans

(RING ONE)

REVISED PLANS | ADDITIONAL PLANS | MINOR AMENDMENTS | ADDITIONAL / REVISED PLANS TO COMPLY WITH CONDITIONS

App No. (Planaps) /F/2002/6038 (Ludhouse) Date Rec. 25.4.02

Location: Land west of Great Loon Farmhouse, Mercoak Lane, Grazeley

Parish Shinfield

Applicant: Hutchinson 3G UK Ltd.

Description of attached plans 13.10 m. tapered ~~monopole~~ timber monopole instead of orginally proposed green steel monopole

Drawing No's: 01 88680-101, 101, 112, 113 & 114

CONSULTEES

Copies of plans will automatically be sent to Woodley Library, Part 1 Reg., Parish Council, Ward Councillors and the Case Officer unless specified.

Please tick which of the following you wish consulted.

OTHERS: _____

		Drawing No's	
1.	NK (Landscape & Trees)	_____	✓
2.	NK (Env. Design)	_____	
3.	XA (Highways)	_____	✓
4.	NF (Building Control)	_____	
5.	BC/DC Liaison	_____	

A full set of plans will be sent to all consultees unless particular drawing No's are specified in the spaces above.

NEIGHBOURS: see attached

Date for Responses 3 weeks

FURTHER ACTION

Re-advertise App. ~~Y~~ / N (Delete as required)

Redate Application ~~Y~~ / N From _____

New Site Notice Y / ~~N~~

New Description _____

CASE OFFICER NAB

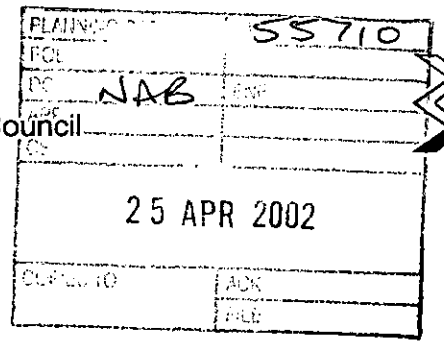
Consultations Sent by Admin. on 30.04.02

Yellow - Part One Copy
Green - Officer's Copy

REVISED PLAN

6038

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk



Barton Willmore
Planning

Wokingham District Council
Planning Department
PO BOX 157
Shute End
Wokingham
RG40 1WR

F.A.O: Natalie Brown

10471/A3/6/BS/RG4027/jav
24th April 2002

Dear Ms Brown

HUTCHISON 3G PROPOSAL AT DIDDENHAM MANOR FARM
AMENDED DRAWINGS TO SHOW TIMBER MONOPOLE.

Further to your conversation with Jennifer Walters of this office in respect of the above, please find enclosed revised drawings to the current application (LPA Ref: F/2002/6038). The drawings provide a 13.10m tapered timber monopole in place of the originally proposed green steel monopole. The finish to the monopole is a natural timber.

The drawings as amended are:

- 00188680-101 General Arrangement
- 00188680-111 Site Plan
- 00188680-112 Site Elevation A
- 00188680-113 Site Location Plan
- 00188680-114 Site Elevations B, C, D.

Also provided as way of illustration is a photographic example of a tapered timber monopole.

If you have any queries or require further information please contact Jennifer Walters or myself at the above address.

Yours sincerely

B Stephenson

BEN STEPHENSON
Planner

Enc.

Town Planners • Environmental Consultants
Architects • Master Planners • Project Services

Contact: Gareth Capner, Ian Tant, Roger Turnbull, Mark Sitch, Angela Doone

A list of partners can be inspected here and at our associated offices in:
Bristol Cambridge Edinburgh Leeds London West Malling (Kent)

12

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Church Croft
Grazeley
Berkshire
RG7 1LD
☎0118 988 3474

5 April 2002

Case Officer
Natalie Brown
PO Box 157
Council Offices
Shute End
Wokingham
Berkshire
RG40 1WR

Re: Application Number F/2002/6038: Telecommunications Installation, Mereoak Lane

Dear Ms Brown

As residents of Grazeley living at Church Croft we are extremely concerned about the recent application for a 16 metre high telecommunications mast with 3 antennae, microwave dish and ancillary equipment which was submitted to Wokingham District Council by Hutchinson 3G UK Ltd.

Speaking as both residents and environmentalists we are anxious to preserve the countryside and rural character of Grazeley. The basis of our objections include:

1. The mast and ancillaries would have a significant visual impact in this open countryside location and adversely affect the character and appearance of the area, which is a designated 'Green Gap' in the District Local Plan.

2. There is a lack of adequate tree and foliage cover and this detrimental impact would be particularly intrusive in the winter months.

3. Planning policy states that permission will only be granted when there is no reasonable possibility of sharing a mast, yet permission was granted a year ago for a similar installation only 300 metres to the north-east. Also, there are less intrusive sites in the area, such as alongside the A33.

4. Access and egress for maintenance on this fast stretch of de-restricted road, which is often affected by flooding, would be dangerous and constitute a significant safety hazard.

5. There is ongoing uncertainty about the health issues associated with radio frequency equipment.

6. Finally, the value of properties in the surrounding area would be adversely affected by this installation.

The recent threat of 2 500 houses was successfully averted due to the significant effort by the local community and I trust that you will once again be sympathetic to the objections raised.

Yours faithfully

Paul & Tracy Earwaker

Mrs P M Carter
Rapleys
Grazeley Green
NR. READING RG7 1LS
BERKSHIRE

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Dear Madam

Phone Mast Meroak Lane

There are many reasons to oppose this application - but I feel the main two are:

This is a "green gap" & therefore other sites should be investigated - also there are no trees there so it would spoil

the rural outlook of the area.
& Secondly - the Governments
policy is that these masts
should be shared & there has
been acceptance for a mast
very near to the proposed site
This one is well camouflaged
by trees & is therefore more
acceptable.

Yours faithfully

Wm. Carlton

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	FILE:

MARC LANG
2 DIDDENHAM COTTAGES,
GRAZELEY
READING RG7 1JT.
04-04-02.

YOUR REF APPLICATION NO F/2002/6038.

DEAR MADAM.

I REFER TO THE ABOVE APPLICATION AND THE PROPOSAL TO SITE A TELECOMMUNICATIONS MAST HERE IN GRAZELEY, AS A RESIDENT OF THE VILLAGE I AM OPPOSED TO THIS APPLICATION FOR A NUMBER OF REASONS THESE ARE AS FOLLOWS.

A) THIS AREA, IE PROPOSED SITE, IS STILL DESIGNATED AS GREEN BELT, AND WHILST NOT BEING AN AREA OF OUTSTANDING NATIONAL BEAUTY THE AESTHETICS WOULD NOT BE ENHANCED BY THIS CONSTRUCTION, COULD THIS BE THE THIN END OF THE WEDGE WITH OTHERS TO FOLLOW? I HOPE NOT, COMMON SENSE PREVAILING.

B) THE SITE HAS NOT BEEN CHOSEN WITH ANY THOUGHT, THERE BEING VERY LITTLE TREE COVER TO OBSCURE THE MAST, WHAT THERE IS, ARE DECIDUOUS TREES WHICH OFFER NO SCREENING DURING WINTER MONTHS, SOME OF THESE ARE IN A POOR STATE OF HEALTH.

c) A SITE EAST OF THE A33 WOULD HAVE BEEN MORE SUITABLE, THE BACK DROP OF TREES WOULD OFFER SOME CONGRUITY, ALONG WITH EXISTING DEVELOPMENT.

d) I AM INFORMED THAT A SIMILAR APPLICATION WAS GRANTED RECENTLY IN THE LOCALITY, COULD THIS FACILITY NOT BE SHARED? IF NOT WHY NOT?

e) IF THIS APPLICATION WAS GRANTED THE SITE WOULD REQUIRE ACCESS FOR CONSTRUCTION AND MAINTENANCE FROM A FAST AND UNRESTRICTED ROAD AN ACCESS APPROACHED WITH POOR VISIBILITY FROM BOTH DIRECTIONS THUS ADDING TO THE HAZZARDS ON A ROAD WITH A RECORD OF ACCIDENTS OF VARYING SEVERITY, MORE STATISTICS?

I ASK YOU TO CONSIDER THESE OBJECTION MOST CAREFULLY ESPECIALLY ITEM (D) AND REFUSE THIS APPLICATION, I LIKE AND ENJOY MY ENVIROMENT AS IT IS.

19

OBR

Natalie Brown

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CS
05 APR 2002
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From: Tracy Earwaker [TracyEarwaker@hecm.co.uk]
Sent: 05 April 2002 10:34
To: natalie.brown@wokingham.gov.uk
Subject: 16 Metre Phone Mast on Mereoak Lane: Objection Letter

Importance: High

objection to telephone mast.do...

Dear Ms Brown

Please find attached a letter of Objection with regard to the above matter. I have also copied as text below for your convenience:

(See attached file: objection to telephone mast.doc)

Church Croft
Grazeley
Berkshire
RG7 1LD
0118 988 3474

5 April 2002

Case Officer
Natalie Brown
PO Box 157
Council Offices
Shute End
Wokingham
Berkshire
RG40 1WR

Re: Application Number F/2002/6038: Telecommunications Installation, Mereoak Lane

Dear Ms Brown

As residents of Grazeley living at Church Croft we are extremely concerned about the recent application for a 16 metre high telecommunications mast with 3 antennae, microwave dish and ancillary equipment which was submitted to Wokingham District Council by Hutchinson 3G UK Ltd.

Speaking as both residents and environmentalists we are anxious to preserve the countryside and rural character of Grazeley. The basis of our objections include:

1. The mast and ancillaries would have a significant visual impact in this open countryside location and adversely affect the character and appearance of the area, which is a designated 'Green Gap' in the District Local Plan.

2. There is a lack of adequate tree and foliage cover and this detrimental impact would be particularly intrusive in the winter months.

3. Planning policy states that permission will only be granted when there is no reasonable possibility of sharing a mast, yet permission was granted a year ago for a similar installation only 300 metres to the north-east. Also, there are less intrusive sites in the area, such

as alongside the A33.

4. Access and egress for maintenance on this fast stretch of de-restricted road, which is often affected by flooding, would be dangerous and constitute a significant safety hazard.

5. There is ongoing uncertainty about the health issues associated with radio frequency equipment.

6. Finally, the value of properties in the surrounding area would be adversely affected by this installation.

The recent threat of 2 500 houses was successfully averted due to the significant effort by the local community and I trust that you will once again be sympathetic to the objections raised.

Yours faithfully

Paul & Tracy Earwaker

Best Regards,
Tracy Earwaker

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9

Natalie Brown

From:	MichaelWineman@aol.com
Sent:	03 April 2002 19:44
To:	natalie.brown@wokingham.gov.uk
Subject:	Application No F/2002/6038:Telecommunications installation,Mereoak Lane

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04 APR 2002

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Dear Madam,

I am writing in the above connection.

I am concerned to learn of the plans to site another telecom mast for the folllowing reasons

planning permission states that permission will only be granted when there is no possibility of sharing a mast yet permission was granted a year ago for a similar installation only 300 metres to the north-east(not very joined-up government!)

Additionally there are less intrusive sites in the area alongside the A33
The mast & ancilliaries would have a significant visual impact on a designated 'Green Gap' area

Finally the has been a lot of adverse press regarding potential health problems from these masts and so far it does not appear that a claear view has been formed

I am sure as responsible government no precipate steps will be taken

Yours sincerely

The Devereux family

4,Fairview Cottages

Lambwood Hill

Grazeley

GRAVELLY BRIDGE FARMHOUSE
GRAZELEY
READING
RG7 1LG
0118 988 3164

588
8
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DC Note | ENF
APP |
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FILE:

Ms Natalie Brown,
Case Officer,
PO Box 157,
Council Offices,
Shute End,
Wokingham,
Berkshire RG40 1WR

25TH March 2002

Dear Ms Brown,

Application No. F/2002/6038:
Telecommunications installation at Great Lea House Farm, Mereoak Lane, Grazeley

I have been advised that there has been a proposal to install a radio mast close to Mereoak Lane.

1. I understand that the proposed site will be clearly visible from the eastern windows of my house - especially from my bedroom, which is one of the views from the house which we especially value, since these windows have always looked out over open countryside.

2. I have become increasingly concerned that, with the increasing traffic load on Mereoak Lane, the flooding and icing which takes place and the dangerously cambered corner, there will soon be a fatal accident on this stretch of road; any access point/parked vehicles on or beside the road will increase this risk.

3. The mast will not be screened for much of the year, since all tress in the area are deciduous.

4. I believe another mast is already approved nearby – this mast being well back from the road.

Please do not approve this obvious detraction from the rural nature of the area – and do not make the road even more dangerous.

Yours sincerely

R A H Aitken

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5, DIDDENHAM COTTAGES
GRAZELEY
READING
BERKS
RG7 1JT.

APPLICATION No F/2002/6038 TELECOMMUNICATIONS INSTALLATION, MEREOAK LANE.

I object to the subject planning application on the following grounds:-

(1) The mast and ancillaries would have a significant visual impact in the open countryside, adversely affecting the appearance of the area, which is designated a green gap in the District Local Plan.

(2) There is a lack of tree and foliage cover to hide the mast particularly in winter.

(3) Planning policy states that permission will only be granted when there is no reasonable chance of sharing a mast, yet permission was granted a year ago for a mast only 300 metres to the North-East.

(4) Access and egress for maintainance, on this very fast, busy and dangerous stretch of road would be very dangerous and be a significant safety hazard.

B.J. CLARK CHAIRMAN OF THE LOCAL SCHOOL GOVERNORS.

Natalie Brown

From: Brian Mackness [brm@patrol.i-way.co.uk]
Sent: 04 April 2002 11:03
To: natalie.brown@wokingham.gov.uk
Subject: Planning Application No. F/2002/6038



Mastapplicationbmwdc 040402.doc...

Please see the attached letter.

6

OSTLERS KYBES LANE GRAZELEY READING BERKSHIRE RG7 1NG
Tel: 01189 883490 Fax: 01189 885947 E-mail: brm@patrol.i-way.co.uk

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Natalie Brown,
PO Box 157,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
RG40 1WR.

4 April 2002.

Dear Ms. Brown,

Planning Application No. F/2002/6038.

The above application, for the installation of a telecommunications mast in Mereoak Lane, Grazeley, has been drawn to my attention. I have not been able to obtain full details of the application but I wish to express opposition to it. My grounds for opposition are: -

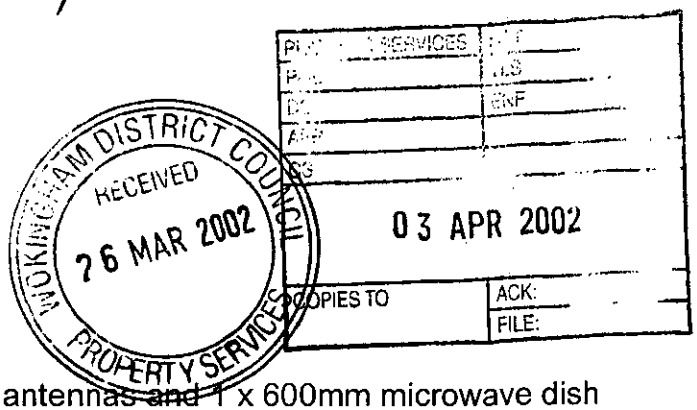
- The mast would have a significant visual and environmental impact on this open area which is designated as a "green gap" in the District Local Plan. In this context I would draw attention to the very considerable visual impact of the services area on the A33. The visual impact of developments in this area was also a cause of concern to Inspectors who have considered other planning appeals in this area.
- If a mast is to be placed in this area, an overwhelming case for the economic and social advantages of doing so should be made. As far as I am aware, none has been.
- No evidence has been presented that it is necessary to site the mast in the proposed position rather than in another location where its impact could be considerably less.
- Local residents have not been consulted. My understanding is that the planning authority is required to inform residents close to any proposed developments and who would be particularly affected by it. I consider that I fall into this category.

Yours sincerely,

Brian Mackness.

Please see Part I for plans

To:
Property Dept
Peter Anderson



From: Natalie Brown

Date: 25 March 2002

Application Number: F/2002/6038

Proposal: Proposed installation of 3 x 2000mm antennas ~~and~~ 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access..

Site Address:
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Applicant:
Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

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

Natalie,

We have checked this application and it only abuts grazing fields administered by this unit and as such we have no grounds to object.

Peter Anderson
Technical Assistant
Estates Unit.

Shinfield
Parish Council
Clerk: Mrs. J Barnes, 36 Ryhill Way, Earley, Reading, Berkshire, RG6 4AZ
Tel/Fax: 0118 9547115

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28th March 2002

Ms Natalie Brown
Case Officer
PO Box 157, Council Offices
Shute End
Wokingham , Berkshire RG40 1WR

Dear Ms Brown,

Application No. F/2002/6038:
Telecommunications installation at Great Lea House Farm, Mereoak Lane, Grazeley

At the March meeting of our Planning and Transportation Committee, it was resolved to record our strong objection to the above application to site a 16m telecommunications mast and ancillary equipment in open countryside. Our objection is based on the gross and inappropriate visual intrusion that would result. This would constitute a significant visual impact on the surrounding environment, affecting both its character and appearance.

There are a number of issues that we would ask you to consider when determining this application, including the following:

1) For your and the applicant's information, the site lies between Grazeley and Three Mile Cross and not in Spencers Wood as per the application, and is situated south-west of Great Lea House Farm (please note the correct name). Great Lea Farm House is a totally different property lying some 400 metres to the north and is part of the Englefield Estate. This correction is of particular importance with regard to the point that we make in para 5 below.

2) The site is in open countryside with very little tree and foliage cover, and lies alongside a well used local road. It is sited in the designated 'Green Gap' between Grazeley and both Three Mile Cross and the outskirts of Reading. The WDDLP Part 1 Inspector in his report rejecting the Grazeley option for major development, stated: "I agree with the description of the area as ordinary unspoilt Berkshire countryside, ..." He goes on to state that: "Notable views into the site are from the A33 Swallowfield Bypass, particularly the northbound carriageway, where the area is seen as part of the rural foreground to Reading, ..." He later quotes: "... the aims of guidance and the Development Plan to protect the open countryside in

Continued....

general and the character and quality of the Berkshire countryside in particular." In consequence, we suggest that this proposal is contrary to Policy TC1(i) of the Berkshire Structure Plan and constitutes an inappropriate site for a brutally exposed 16m telecommunications mast and ancillaries.

3) Therefore, it follows that this would also be in contravention of WDLP Policy WIC14 and the subsequent Amendment which states that: "Before permission is granted, applicants will be required to show that no alternative less visually intrusive site is available or technically feasible." Even the 'Supporting Statement' submitted by the Applicant declares in para 3.0 that "New Greenfield sites will only be developed where there are no viable or accessible alternatives or it is the planning authority's preferred approach." We are not aware of any such evidence having been submitted.

4) Local observation will demonstrate the stark visual impact of such a proposal and the applicant's submitted Site Photograph A amply illustrates the sparseness of the cover and the visual exposure which will be exacerbated during the winter months. The artist's impression depicting dense, high foliage is a travesty of reality, given that much of the hedgerow is dead. Any new planting would take at least 30 years to reach the heights depicted.

5) Policy TC1 of the BSP goes on to state in sub-para (iii) and (iv) that permission will only be granted where there is no reasonable possibility of sharing other facilities or erecting them on another structure. In this respect we would draw your attention to the fact that at the beginning of last year permission was granted for a mast and antennae (Ref. TL/2001/3280) only some 300 metres to the north-east of this site at O/S Grid Ref. SU 708 679, on land belonging to Great Lea Farm. We objected at the time but permission was granted; thankfully it is much further from the road and has reasonable tree cover. This mast when erected would provide an adequate alternative structure and we again draw your attention to para 3 of the above-mentioned 'Supporting Statement' that says: "H3G will share wherever we possibly can. To this end we will target *Existing telecommunications structures". This pledge is repeated in para 5 where the first preference in a 'Site Search' is "Using an existing telecommunications structure belonging to another communications operator". Such an opportunity exists in this instance and we would urge that it be utilised.

6) This area already has a proliferation of telecommunications masts which could be shared, with other examples at Church Lane, Shinfield (O/S Grid Ref. SU 724 683) plus two off the Beech Hill Road at May's Hill (Grid Ref. SU 707 655 and SU 705 653).

7) We are further concerned at the dangers of access and egress off Mereoak Lane, a fast stretch of de-ristricted road near to a blind bend at the old intersection of Grazeley Road (now closed). This section of road is subject to frequent flooding and could represent a significant hazard. Any attempt to create adequate sight-lines would further denude the current inadequate cover.

Contrinued.....

8) Whilst we are aware of the stipulations of Para 5 of PPG 8 and have studied the Appeal judgements on APP/X0360/A/01/1064152 at Sonning and APP/X0360/A/01/1068474 at Lower Earley, we consider the above application to be totally inappropriate with regard to the proposed siting when there are numerous other locations available, either to share, or for instance alongside the A33 where there is more tree cover and the visual impact would be less significant.

We therefore urge you to refuse this application.

Yours sincerely,

Mrs Tracy Sampson, Assistant Clerk

Copies: DCs x 3

printed off 3/4/02.

Natalie Brown

From: Tracy Sampson [shinfieldplanning@ukonline.co.uk]
Sent: 28 March 2002 10:19
To: 'natalie.brown@wokingham.gov.uk'
Subject: Comments on Planning applicatin F/2002/6038



telephone mast great Lea graze...

please find enclosed comments made by Shinfield Parish Council on the above planning applicaiton.

Many thanks

Tracy Sampson
Assistant Clerk

Southbank
Pump Lane
Grazeley
Berkshire
RG7 1JU
anglosweet@aol.com

01189 884070

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	FILE:

Natalie Brown
Case Officer
PO Box 157
Council Offices
Shute End
Wokingham
Berkshire
RG40 1WR

Monday, April 01, 2002

Dear Ms Brown,

Planning Application F/2002/6038: Telecommunications installation. Mereoak Lane

We are writing to strongly object to the request for planning permission for a 16 metre high telecommunications mast by Hutchinson 3G UK Ltd in Mereoak Lane, Grazeley.

This is a beautiful part of the world, and we have barely recovered from the attempt by Wokingham council to build thousands of new houses here. It is one of the few remaining rural areas around here, an oasis after the dense conurbation of the Reading area.

The mast and ancillaries would have a significant visual impact in this open countryside location and adversely affect the character and appearance of the area, which is, designated a 'Green Gap' in the District local Plan.

There is a lack of adequate tree and foliage cover and this detrimental impact would be particularly intrusive in winter months.

Planning policy states that permission will only be granted when there is no reasonable possibility of sharing a mast, yet permission was granted a year ago for a similar installation only 300 metres to the Northeast. Also, there are less intrusive sites in the area, such as along side the A33, less than a mile away.

Access and egress for maintenance on this fast stretch of de-restricted road, which is often affected by flooding, would be dangerous and constitute a significant safety hazard.

Yours faithfully,

Stephen and Ann Sweet

4

OBS

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M. GARDNER
GREEN FARM
GRAZELEY
READING
RG7 1LH
30/3/2002

Natalie Brown

Application No F/2002/6038
Telecommunications installation / Limecroft Lane

I would like to object to the proposed application

I think planning was given for another mast not a quarter of a mile away to the north-east so why do we need another.

I think it would stand out like a sore thumb and spoil the look of the area

I am sure there are more less intrusive sites for a mast.

If proposed building of houses is back given in the area who would want to live next to a 50 ft tower

I do hope that common sense prevails

Yours Sincerely

M Gardner

OBS

Mr. John A.D. Bradshaw,
Hopkiln Farm, Kybes Lane,
Grazeley, Berks., RG7 1NQ.

3

Case Officer N. Brown,
PO Box 157, Council Offices,
Shute End, Wokingham, Berks.,
RG40 1WR.

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2 April 2001

Madame,

Application F/2002/6038: Telecom. Installation

I wish to object to the above planning application.

1. It conflicts with the principle of a 'Green Gap', as specified in the District Local Plan.

2. Although the proposed large housing development for Grazeley was recently refused, following public enquiry, the skyline to the north has become an eyesore with the steady and inexorable growth of the Green Park (sic) industrial site. I would suggest that any approval of a Telecom. Mast installation should be restricted to that area ONLY, WHERE ITS ugliness may be minimised.

3. It seems a nonsense to me that if I wanted to build a house in a field alongside Mereoak lane, I would be refused planning permission, whereas companies such as Hutchinson 3G UK Ltd consider a mast acceptable. If this sort of application succeeds, this county (country?) will eventually disappear under a sea of metal, glass and concrete.

I trust that the council authority will have the good sense to refuse this application.

Yours faithfully,

J.A.D. Bradshaw

The Elms
Grazeley
Nr. Reading
Berkshire RG7 1JN
1 April 2002
Telephone 0734 883423
01189 883 689

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APP	
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Natalie Brown
Po Box 157
Council Offices
Shute End
Wokingham
Berks. RG40 1WR

16 Metre Mast : Mereoak Lane
F/2002/6038

Dear Natalie

I am writing to you as case officer for the planning application for the above mast and its ancillary equipment.

I would like to register my complete objection to the erection of any such equipment on the proposed site for the following reasons:

(1) The mast and ancillaries will have a significant visual impact in this open countryside location adversely impacting the character and appearance of an area designated a 'green gap' in the District Local Plan.

PTO

The Elms
Grazeley
Nr. Reading
Berkshire RG7 1JN

Telephone ~~0734 883423~~
01189 887 489

continued objections:

(2) There is a lack of adequate tree foliage to cover the mast - particularly important to avoid intrusion over winter months.

(3) Planning policy states that permission will only be granted when there is NO REASONABLE POSSIBILITY of sharing a mast. Yet permission was granted a year ago for a similar installation only 300 metres to the North East !!

(4) There are far less intrusive sites in the area. Along the A33 for example!

(5) Access and egress for maintenance to the proposed site would be from a fast stretch of de-restricted road, subject to flooding in winter months. Access/Egress therefore would be dangerous and constitute a safety hazard.

P TO

The Elms
Grazeley
Nr. Reading
Berkshire RG7 1JN

Telephone ~~0734 883423~~
01189 887489

Continued objection

(6) finally, having moved into the village 14 months ago, to enjoy the rural character of a beautiful village I strongly object to such an application which will destroy the value of the countryside, rather than preserve the beauty for future generations.

I urge you to reflect on points (3) + (4) above most seriously when, as I hope, you reject the planning application as lodged.

Yours sincerely

G PLUMPTON (Mr)

THE OLD VICARAGE
GRAZELEY
BERKSHIRE RG7 1LD
Tel/Fax 0118 988 2644

OBS

PLANNING SERVICES	HPT
POL	TLS
DC NAB	ENF
APP	
CS	
28 MAR 2002	
COPIES TO	✓
	FILE

Ms Natalie Brown
Case Officer, Wokingham District Council
PO Box 157
Council Offices, Shute End
Wokingham, Berkshire RG40 1WR

26th March 2002

Dear Ms Brown,

Application No. F/2002/6038:
Telecommunications installation at Great Lea House Farm, Mereoak Lane, Grazeley

In response to your invitation to comment on the above application, I write on behalf of my family, to record strong objection on the following grounds:

1) As a resident of Grazeley who travels along Mereoak Lane most days, I feel qualified to object to the proposed installation alongside the road, which would be so visually intrusive in this open countryside location, designated as a planning 'Green Gap'.

2) Due to the lack of foliage cover, especially in the winter months, this proposal would have a severe visual impact on the surrounding environment. It would have a detrimental effect on both its character and appearance, which local residents value highly.

3) There are numerous alternative locations which would provide better visual mitigation, including sites alongside the A33, or away from local roads in existing tree cover. Have these alternatives been fully investigated to your satisfaction?

4) There are other telecommunications masts in the area which could be utilised, including a recent approval (Ref.TL/2001/3280) on Great Lea Farm land, only 2-300 metres to the north. Is the applicant aware of this permission, to enable pursuance of a shared facility?

5) The proposed installation is on a fast stretch of derestricted road, liable to flooding, near to a blind bend and as a result, entry and egress for maintenance would be extremely dangerous.

For the reasons stated above, we would urge you to refuse permission for this proposal.

Yours sincerely,

JOHN HEGGADON

TO: **DEVELOPMENT CONTROL**
Natalie Brown

FROM: Environmental Design

DATE: 26 March 2002

Location:	Land west of Great Lea Farm House, Mereoak Lane, Grazeley, Shinfield
Proposal:	Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
Application Number:	F/2002/6038

In response to your consultation dated 8 March 2002 for the above application, the landscape comments are as follows:

The site is located within the countryside within a fairly open location. The low roadside hedgerow does nothing to screen views of the site when travelling from the west. The interconnecting hedgerow that forms the eastern site boundary contains one tree that provides limited screening of the site however the remaining hedgerow vegetation is elm that is dead or dying, and will not form any visual screen from the north east. A small section of hedgerow will need to be removed in order to gain access to the site, this is acceptable under The Hedgerow Regulations 1997 provided that an alternative access, at a reasonable cost, is not available. This will need to be clarified by the applicant

I am concerned that the mast and associated compound will be widely visible from within the landscape including the elevated A33, as the character of the countryside locally is flat and open with little vegetative cover. In this respect I do not consider that the site is a suitable location for the mast and it would be preferable if it could be relocated to a brownfield site, for example in connection with existing farm buildings.

Catherine Brimble

Catherine Brimble
Landscape Architect

WOKINGHAM DISTRICT COUNCIL
ENVIRONMENTAL PROTECTION AND HOUSING

MEMORANDUM

To: Natalie Brown
Development Control

Your Ref: F/2002/6038

From: Tom Payne
Environmental Health

My Ref: 489

Date. 22/03/02

PROPOSED PROPOSED INSTALLATION OF MONOPOLE ANTENNAE

LAND WEST OF GREAT LEA FARM, MEREOAK LANE, GRAZELEY 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.

John Mullaney

J R MULLANEY
SENIOR ENVIRONMENTAL HEALTH OFFICER
ENVIRONMENTAL PROTECTION & HOUSING

Shinfield
Parish Council
Clerk: Mrs J Barnes, 36 Ryhill Way, Earley, Reading, Berkshire RG6 4AZ
Tel/Fax: 0118 9547115

PLANNING SERVICES	HPT
POL	TLS
DC	ENF
APP	
CS	

14 MAR 2002

COPIES TO	ACK:
	FILE:

13 March 2002

Planning Officer
Development Control South
Wokingham District Council
PO Box 157
Shute End
WOKINGHAM RG40 1WR

Dear Sir/Madam

PLANNING APPLICATIONS
SHINFIELD PARISH COUNCIL'S OBSERVATIONS

I submit the comments of the Planning and Transportation Committee on the following applications:

F/2002/5822
Location: 23 The Manor, Shinfield
Proposal: Proposed erection of two storey side and single storey rear extension to dwelling
Case Officer: Helen Pollock
Observations: No comment

F/2002/5834
Location: 17 The Square, Spencers Wood
Proposal: Proposed first floor rear extension to dwelling and second floor rear dormer extension.
Case Officer: Richard Kelly
Observations: No comment

F/2002/5839
Location: Wilders Grove, Ryeish Lane, Spencers Wood
Proposal: Proposed erection of a detached double garage
Case Officer: Helen Pollock
Observations: No comment

FA/2002/5946
Location: Plot 14 Reading Business Park, Basingstoke Road, Shinfield
Proposal: Proposed erection of internally and externally illuminated signs
Observations: If any of these signs are visible from the motorway then we strongly object on the basis of road safety and urge you to consider the precedence of the Green Park sign where illumination was precluded.

Comment

F/2002/5854
Location: 26 The Square, Spencers Wood
Proposal: Proposed two storey side extension to dwelling and single storey rear extension with side dormer.
Case Officer: Richard Kelly
REVISED PLANS: show Garage Elevations.
Observations: No comment

PLANNING SERVICES
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14 MAR 2002
ACK:
FILE:

F/2002/5878
Location: 10 Diana Close, Spencers Wood
Proposal: Proposed first floor side extension to dwelling and single storey rear extension
Case Officer: Louise Smith
Observations: No comment

VAR/2002/5978
Location; 225-7 Hyde End Road, Spencers Wood
Proposal: Proposed variation to condition 7 of consent F/2001/3212 to allow flank bedroom window to be openable on plot 3, Plus addition of Dummy gables on plots 1 & 2 (Amendments to consent 2001/33212 and new driveway to Plot 2.
Observations: Please note that the site is in Spencers Wood as per the planning application and not in Shinfield as on your cover sheet.

F/2002/5894 [Neighbouring Parish Consultation]
Location: 42 Elm Road, Earley
Proposal: Proposed single storey rear extension to dwelling
Case Officer Louise Smith
Observations: No comment

F/2002/5937
Location: 2 Grovelands Road, Spencers Wood
Proposal: Proposed erection of detached replacement dwelling. Demolition of existing dwelling.
Case Officer: Natalie Brown
Observations: No comment

F/2002/5942
Location: 4 Wychelm Road, Shinfield
Proposal: Proposed erection of new dwelling.
Case Officer: Natalie Brown
Observations: No comment

F/2002/5948
Location: Springfields, Basingstoke Road
Proposal: Proposed single storey front extensions to dwelling, plus single storey rear extension to form conservatory.
Case Officer: Helen Pollock
Observations: No comment

F/2002/6012
Location: May Feeds, Mays Farm, Hyde End Lane, Ryeish Green
Proposal: Application for temporary permission for change of use of agricultural barns to storage (B8) use (Retrospective).
Observations: No comment

F/2002/6038 NAB
Location: Land West of Great Lea Farm House, Mereoak Lane, Grazeley
Proposal: Proposed installation of 3 x 200 mm antennas and 1 x 600 mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
Observations: Comments to follow shortly

Continued.....

F/2002/6050

Location:	76 Grazeley Road, Three Mile Cross
Proposal:	Proposed erection of two dwellings and demolition of existing dwelling
Case Officer:	Natalie Brown
Observations:	No comment

PLANNING SERVICES	HPT
FOL	TLB
DC	ENF
APP	
CS	
14 MAR 2002	
COPIES TO	LOK
	FILE

Yours faithfully

Mrs Tracy Sampson
Assistant Clerk

To:
Tanya Davies
Minerals Officer

From: Natalie Brown

Date: 08 March 2002

Application Number: F/2002/6038

Re: Mineral Site Consultation.
Proposal: Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access..

Site Address:
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Applicant:
Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

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

Thankyou for consulting on this application. I have no comments to make from a mineral or waste perspective.

Tanya Davies
15.3.02.

HIGHWAYS CONSULTATION SHEET

From: Natalie Brown **Date:** 08 March 2002

Application Number: F/2002/6038

Re: New Access.
Proposal: Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Parish: SHINFIELD PARISH

Site Address:
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Applicant:
Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

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).

Comment.

Highways require a revised plan that addresses the following points:

1) Gates are to be set back a minimum of 5 metres from the highway boundary.

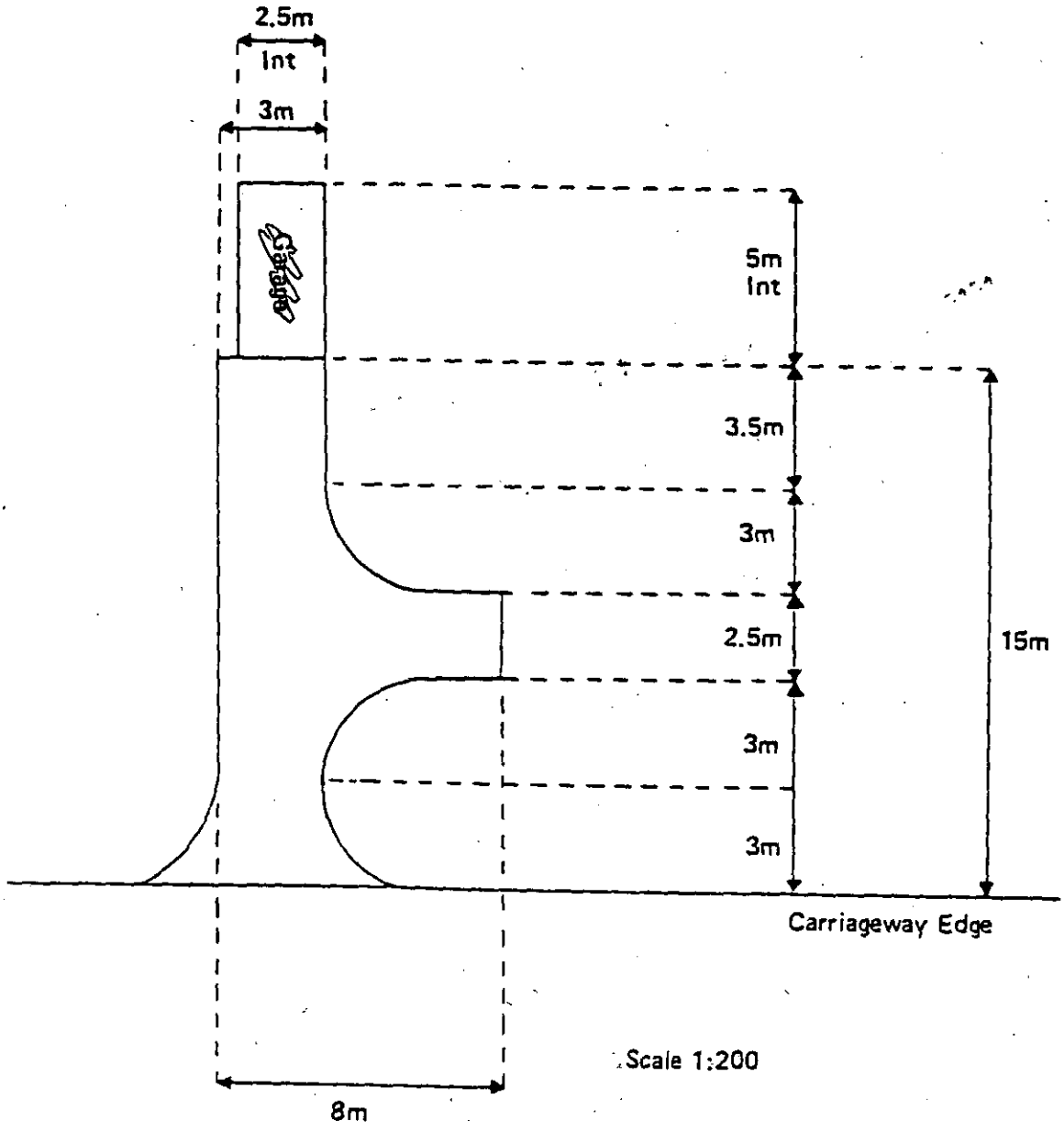
2) The parking and turning area needs to be in accordance with the enclosed standards.

discussed with MLT if do this would have no space to park as will only be visiting site infrequency - don't need to ask for this info

Gates can be a condition

Signed: _____ **Print name:** Adam 13/03/02.

(g) Turning space within cutilage of ~~dwelling~~ - for use where access is to be provided directly off a distributor road - eg infill plots in certain circumstances.



Application Number : F/2002/6038	Map No : 78
Case Officer : NAB.	Site Area : 0.01
Valid Date : 1/03/02	Received Date: 01/03/2002

Level : Delegated Application

Description : Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

Location : Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.

Parish : SH Ward : SHI

Applicant : Hutchinson 3G UK Ltd C/O Barton Willmore Planning P/Ship.

Fee Required: £190 Fee Received: £190

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

Enforcement Section to be notified ☐ (tick if required)

Additional information required for validation;

REASON	NOTES	DATE REQ	DATE RECD
LOCATION PLANS			
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

Building Control

Heritage (Harold Sanders)

Landscape — removal of hedge for new access

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 re new access

Minerals officer — mineral site consultation.

EXTERNAL CONSULTATIONS

Adjacent DPA : _____

Adjacent Parish : _____

SEB

British Gas

Oil pipeline

Transco

Environment Agency — Re:- ditches on site
- landfill site
- Groundwater Zones

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

.....

Rural Area
Countryside
Green Gap & Wedges

.....

.....

.....

.....

.....

NEIGHBOURS

.....

S/N + Great Lea House Farm
Mereoak Lane

.....Grazeley.....

& Diddenham Manor Farm
Grazeley
Reading RG7 1JS

No pre-apps on file
(but they refer to pre-app phone conversation with MLT)

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

Tel: (0118) 974 6492

Date: 08 March 2002

My ref: F/2002/6038

WOKINGHAM UNITARY
Aiming for Excellence

Councillor M Bryant
Rosebry
19 Salmond Road
Shinfield
RG2 8QN

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: F/2002/6038
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

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

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

If you have concerns about the proposals it may be possible for these to be addressed during the consideration of the application. In these circumstances it would be helpful if you could discuss these with the case officer **Natalie Brown** on **(0118) 974 6492** in the first instance.

Yours sincerely
Trevor Watson
Development Control Manager

LISTING FORM
Case officer: **Natalie Brown** Application Number: **F/2002/6038**
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
I wish this application to be listed should the officers recommendation be for: GRANT/REFUSAL and my reasons are:

_____

_____

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

Signed: _____ Date: _____

Councillor M Bryant

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

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

Tel: (0118) 974 6492

Date: 08 March 2002

My ref: F/2002/6038

WOKINGHAM UNITARY
Aiming for Excellence

Councillor B Patman
Meadow View
Basingstoke Road
Spencers Wood
Reading
RG7 1AL

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: F/2002/6038
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

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

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

If you have concerns about the proposals it may be possible for these to be addressed during the consideration of the application. In these circumstances it would be helpful if you could discuss these with the case officer **Natalie Brown** on **(0118) 974 6492** in the first instance.

Yours sincerely
Trevor Watson
Development Control Manager

LISTING FORM
Case officer: **Natalie Brown** Application Number: **F/2002/6038**
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
I wish this application to be listed should the officers recommendation be for: GRANT/REFUSAL and my reasons are:

_____

_____

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

Signed: _____ Date: _____

Councillor B Patman

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

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

Tel: (0118) 974 6492

Date: 08 March 2002

My ref: F/2002/6038

WOKINGHAM UNITARY
Aiming for Excellence

Councillor A Pollock
8 Halfacre Close
Spencers Wood
Reading
RG7 1DZ

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: F/2002/6038
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.

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

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

If you have concerns about the proposals it may be possible for these to be addressed during the consideration of the application. In these circumstances it would be helpful if you could discuss these with the case officer **Natalie Brown** on **(0118) 974 6492** in the first instance.

Yours sincerely
Trevor Watson
Development Control Manager

LISTING FORM
Case officer: **Natalie Brown** Application Number: **F/2002/6038**
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, Reading.
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment and new access.
I wish this application to be listed should the officers recommendation be for: GRANT/REFUSAL and my reasons are:

_____

_____

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

Signed: _____ Date: _____

Councillor A Pollock

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

Received by Wokingham District Council

Application No: F/2002/6038

Proposal:
Proposed installation of 3 x 2000mm antennas and 1 x 600mm microwave dish on a 16m high monopole with equipment cabinets, ancillary equipment *and new access.*

Location:
Land West Of Great Lea Farm House, Mereoak Lane, Grazeley, 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 F/2002/6038 to enable the library staff to locate the correct information.

Comments should be sent in writing QUOTING THE APPLICATION NUMBER to the *Case Officer Natalie Brown P.O. Box 157 Council Offices, Shute End,* Wokingham Berkshire, RG40 1WR to arrive on or before 31/03/2002. Written comments submitted will become available for public inspection.

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

Trevor Watson
Development Control Manager

08 March 2002

The Barton Willmore Planning Partnership - Reading
Beansheaf Farmhouse, Bourne Close, Calcot,
Reading, RG31 7BW.
Tel 0118 943 0000 Fax 0118 943 0002
e-mail: planning@reading.bartonwillmore.co.uk

6038

Barton Willmore
Planning

Environmental Services,
Wokingham District Council,
Council Offices,
Shute End,
Wokingham,
BERKSHIRE. RG40 1BN

10471/A3.6/RG4027/JW/dw

F.A.O. M. THORP, ESQ.

28th February, 2002

BY RECORDED DELIVERY

Dear Sir,

HUTCHISON 3G UK -
PROPOSED DEVELOPMENT AT DIDDENHAM MANOR FARM, SPENCERS WOOD

Further to prior consultation with Mike Thorp of your Council on 31st January, 2002 regarding the above site, please find enclosed a planning application that we submit on behalf of Hutchison 3G UK Limited.

The application comprises:

1. Six copies of the completed application form.

2. Ownership Certificate B and Agricultural Holdings Certificate.

3. Six copies of drawing nos. 0018860-113 (Site Location Plan), 00188680-111 (Site Plan), and 00188680-112 and 114 (Site Elevations).

4. ICNIRP compliance certificate and emissions profiles.

5. Six copies of the Hutchison 3G Application Checklist which describes the proposed development and provides information on the alternative sites which have been examined.

6. A supporting statement prepared by Hutchison 3G, providing general background information to assist in determining the application.

7. Information in support of the planning application for the development of a base station including material relating to the type of radio equipment which would be used and information describing Hutchison 3G's network requirements.

8. Coverage plot showing coverage from surrounding sites (without the proposed site), the proposed site, and the surrounding sites together with the proposed site.

9. The application fee of £190.

The planning application relates to the installation of 3 no. 2000mm antennas and 1 no. 600mm microwave dish on a 16 metre green monopole, 1 no. 2.106m^3 outdoor cabinet, 1 no. 0.4m^3 meter cabinet and ancillary equipment. The application also relates to the creation of a new access off Mereoak Lane to serve the proposed development.

Background Information

You will note from the supporting statement that the Hutchison 3G UK licence is to provide a communications system within the United Kingdom. In order to achieve this, the country is being divided into planned networks of interacting cells of various sizes; each served by a base station such as that proposed at Diddenham Manor Farm. In this instance, the proposed development is to service the stretch of the A33 between Junction 11 of the M4 and Beech Hill Road, which crosses the A33 approximately 2km to the south of the proposed site (see enclosed coverage plots).

ICNIRP Compliance

Revised PPG8: Telecommunications (August 2001) advises that if a proposed base station meets the ICNIRP guidelines for public exposure, it should not be necessary for a local planning authority, in processing an application for planning permission or prior approval, to consider further the health aspects and concerns about them (paragraph 30).

With regard to transmission at between 2 and 2.2 GHz, the Hutchison 3G UK frequency band, the relevant exposure levels are in the region of 38 v/m. An installation of the type proposed typically generates EMF levels of the order of 0.3 v/m in publicly accessible areas.

A certificate of compliance with the ICNIRP guidelines is submitted with this planning application.

Government Guidance

This application is submitted in the context of Government guidance as set out in Revised PPG8: Telecommunications (August 2001). The revised PPG8 recognises that modern telecommunications are an essential and beneficial element in the life of the local community and in the national economy (Appendix, paragraph 1) and that they can benefit the environment through reducing the need to travel, and hence reducing vehicle emissions of carbon dioxide and other pollutants (Appendix, paragraph 2).

The Government's policy is to facilitate the growth of new and existing telecommunications systems whilst keeping the environmental impact to a minimum (paragraph 1). Accordingly, paragraph 20 of PPG8 states:

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

Alternative Sites

Prior to selecting this site at Diddenham Manor Farm, a thorough search within this call area was undertaken, such that all possible sites were considered. Sites have been considered in terms of their technical suitability to provide the required level of service and in terms of their effect on visual amenities and the environment. The aim of site identification is to find the technically most efficient site, which has the minimum impact on visual amenities and the environment.

The search area largely covered the area surrounding the A33, which largely comprises open fields. As such, there are limited opportunities to locate on existing buildings, and there are no existing telecommunications sites within the search area that could be shared. The only option was therefore a greenfield solution. A greenfield site adjacent to the service station on the opposite side of the A33 (immediately to the east of the application site) was considered, but subsequently discounted because the required coverage could not be achieved without the need for an extremely tall structure, due to the height of surrounding trees.

The proposed site at Diddenham Manor Farm was ultimately selected because it would provide the required coverage from a relatively short structure (at 16 metres tall), and the relevant agreements with the land owner could be secured.

Relationship with Development Plan Policies

Berkshire Structure Plan 1991 – 2006 (adopted 1995) seeks a balance between the growth of telecommunications development and their impact on the environment. Policy TC1 seeks to encourage the location of antenna and upon existing buildings or upon existing telecommunication facilities.

Policy WIC14 of the Wokingham District Local Plan (Deposit Draft) advises that planning permission for telecommunication base stations will be granted provided that it is demonstrated that no alternative less visually intrusive site is available or technically feasible. As outlined above, there is no other appropriate site that would achieve the required coverage, and we consider that the proposed development accords with Local Plan policy.

Site Specific Issues

The proposed site at Diddenham Manor Farm is located away from sensitive land uses, in terms of residential properties and schools.

The site is located off Mereoak Lane, and new access is required to be provided off Mereoak Lane to serve the proposed development. The new access would be used during the construction of the site, and for occasional maintenance visits only. The creation of this access requires the removal of 4 metres of hedgerow along the site's frontage to Mereoak Lane, and the installation of a gate.

The site is located adjacent to a field boundary lined with trees and shrubs that would help to screen the proposed development in distant views from the north. In addition, the proposed development would be screened from views from the west by a belt of 17 metre trees along the opposite side of Mereoak Lane. Near views of the site from Mereoak Lane will only be possible when approaching the site from the south. The monopole and cabinets will be painted green in order that they integrate better with their surroundings.

The application site represents an available site that will meet the coverage requirements of Hutchison 3G UK, and the proposed installation has been sited and designed such that its visual impact is minimised.

Conclusions

Accordingly, it is concluded that all necessary and reasonable steps have been taken to comply with the letter and spirit of Government Guidance and good land use planning practice.

We trust the information supplied is sufficient for you to consider this application favourably at your earliest convenience.

Please do not hesitate to contact me if you require any further information.

Yours sincerely,

p.p B Stephenson.

JENNIFER WALTERS
Senior Planner
For and on behalf of Hutchison 3G UK

Encs.

cc. S. Fotheringham, Esq. - Hutchison 3G UK Limited
P. Hose, Esq. - Commpro c/o Hutchinson 3G UK Ltd.

Hutchison 3G

01.MAR2002* 6038

Declaration of Conformity with ICNIRP Public Exposure Guidelines ("ICNIRP Declaration")

Hutchison 3G UK
Star House, 20 Grenfell Island
Maidenhead, SL6 1EH

Certifies that the proposed equipment and installation as detailed in the attached planning / GPDO application at:

Diddenham Manor Farm
Spencers Wood, Berkshire
RG7 1LZ

Nominal ID:	**RG4027**
Candidate ID:	**00188680**
Drawing No:	**00188680-111**
Issue No:	**B**

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 * "on the limitation of exposure of the general public to electromagnetic fields (0Hz to 300 GHz)".

* Reference: 1999/519/EC

Date: **22-Feb-2002**

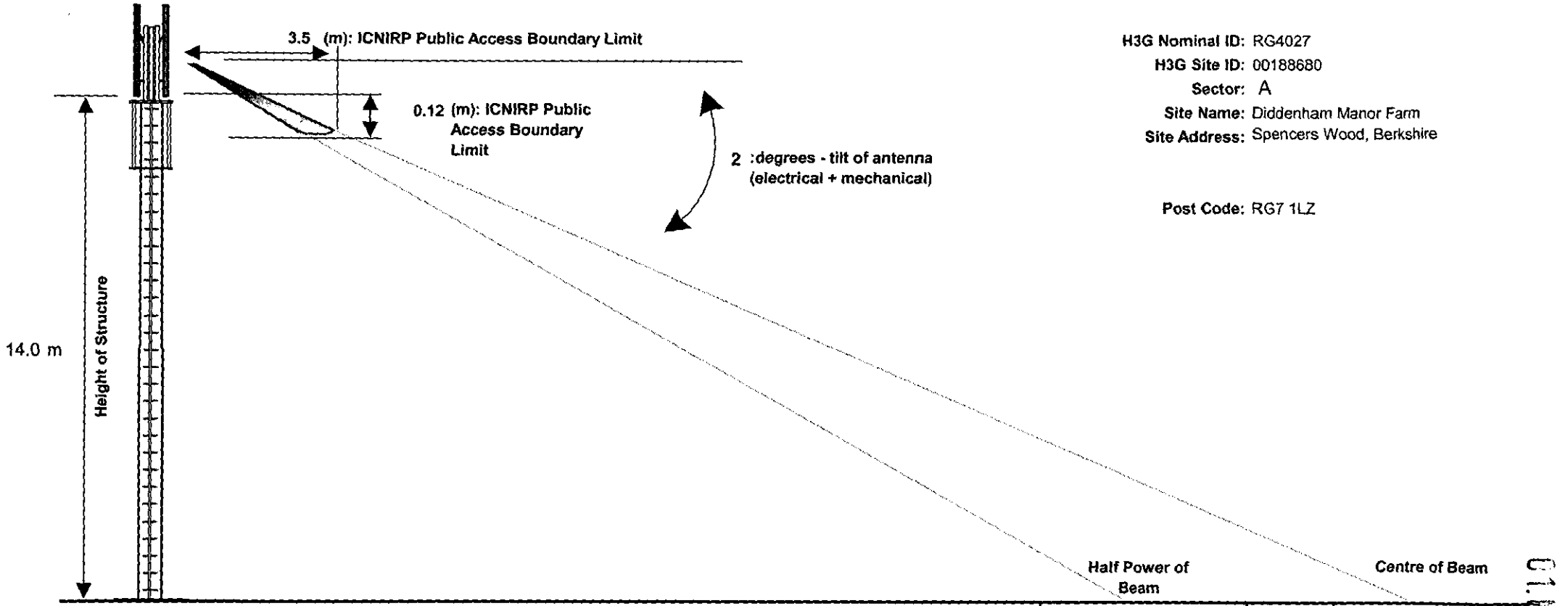
Signed By:

Name: SIMON KOWACICI

Position: RADIO PLANNER

Emissions Profile

Hutchison 3G



H3G Nominal ID: RG4027
H3G Site ID: 00188680
Sector: A
Site Name: Diddenham Manor Farm
Site Address: Spencers Wood, Berkshire

Post Code: RG7 1LZ

0.004443 W/m^2
2,251 x less than ICNIRP Standard
1.29 V/m

0.001569 W/m^2
6,371 x less than ICNIRP Standard
0.77 V/m

The above structure is solely used for demonstration purposes and is not intended to reflect the actual appearance of the site. The drawing is not to scale.

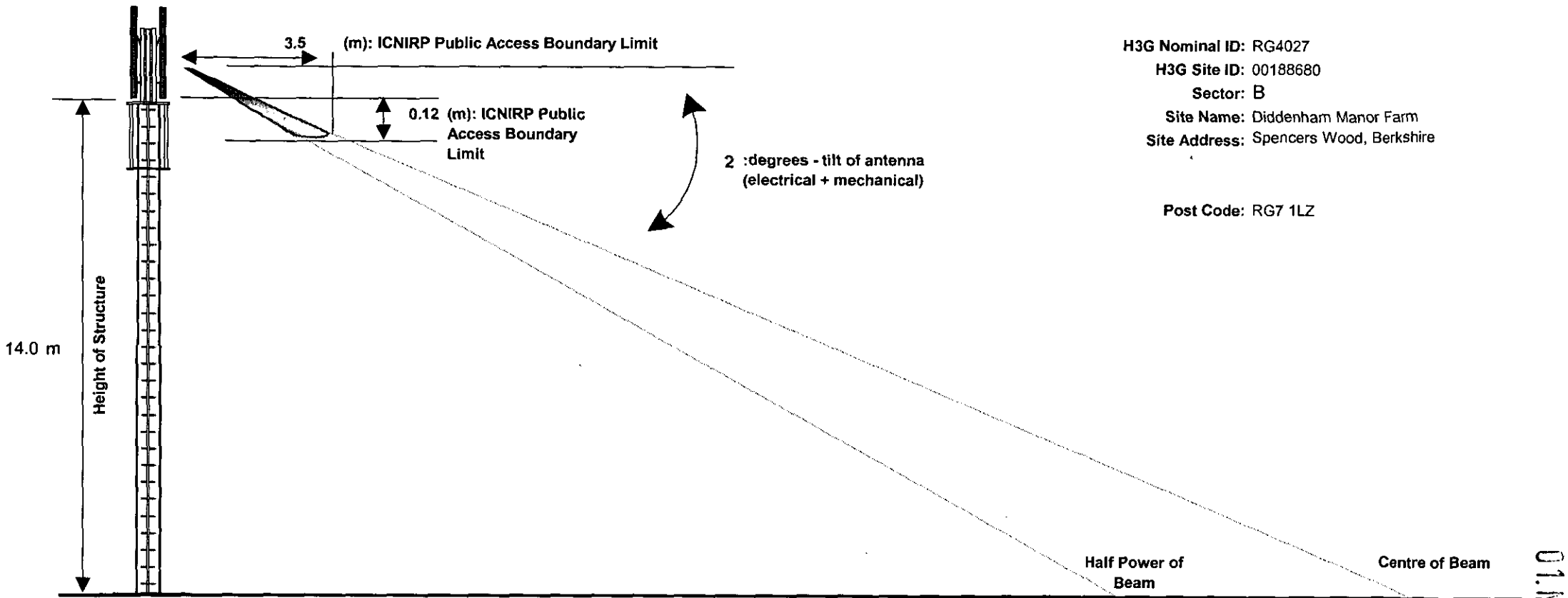
This theoretical model estimates the worst case emissions based on the proposed configuration. The model assumes optimum propagation and no attenuation due to trees, buildings or other obstructions. Hutchison 3G reserves the right to change this configuration for operational reasons.

The calculations have been completed in accordance with the Stewart Report guidelines [ref. 4.30-4.36].

01 MAR 2002 6038

Emissions Profile

Hutchison 3G



H3G Nominal ID: RG4027
H3G Site ID: 00188680
Sector: B
Site Name: Diddenham Manor Farm
Site Address: Spencers Wood, Berkshire

Post Code: RG7 1LZ

0.004443 W/m²
2,251 x less than ICNIRP Standard
1.29 V/m

0.001569 W/m²
6,371 x less than ICNIRP Standard
0.77 V/m

The above structure is solely used for demonstration purposes and is not intended to reflect the actual appearance of the site. The drawing is not to scale.

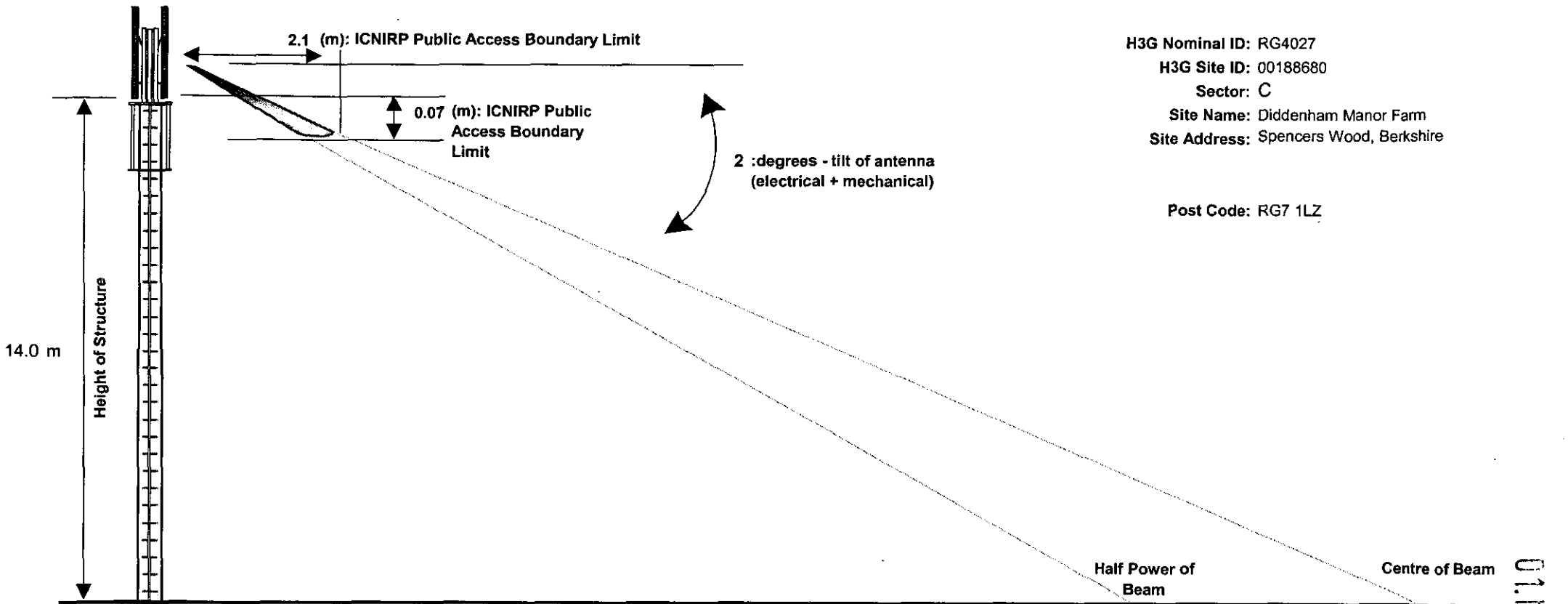
This theoretical model estimates the worst case emissions based on the proposed configuration. The model assumes optimum propagation and no attenuation due to trees, buildings or other obstructions. Hutchison 3G reserves the right to change this configuration for operational reasons.

The calculations have been completed in accordance with the Stewart Report guidelines [ref. 4.30-4.36].

01 MAR 2002 * 6038

Emissions Profile

Hutchison 3G



H3G Nominal ID: RG4027
H3G Site ID: 00188680
Sector: C
Site Name: Diddenham Manor Farm
Site Address: Spencers Wood, Berkshire

Post Code: RG7 1LZ

0.003638 W/m^2
2,749 x less than ICNIRP Standard
1.17 V/m

0.001569 W/m^2
6,371 x less than ICNIRP Standard
0.77 V/m

The above structure is solely used for demonstration purposes and is not intended to reflect the actual appearance of the site. The drawing is not to scale.

This theoretical model estimates the worst case emissions based on the proposed configuration. The model assumes optimum propagation and no attenuation due to trees, buildings or other obstructions. Hutchison 3G reserves the right to change this configuration for operational reasons.

The calculations have been completed in accordance with the Stewart Report guidelines [ref. 4.30-4.36].

01 MAR 2002 *

6038

Hutchison 3G

PLANNING APPLICATION CHECKLIST

Site details

Site Name	**Diddenham Manor Farm**	**Site Address**	**Mereoak Lane, Spencers Wood, Berkshire**
NGR	**470668/167545**		
Site Ref Number	**RG4027**	**Date**	**28th February 2002**
Site Type[1]	**MACRO**		

Check list

1. Date of last pre-rollout information exchange with local planners	28th November 2001
2. Name of LPA contact	Mr A. Cronin
3. Comments – Barton Willmore on behalf of Hutchison 3G have sought to arrange a pre roll out meeting, and were advised that such a meeting would not be appropriate at this stage.	

4. Date of written offer of pre-application consultation with local planners?	n/a	
5. Was there a pre-application meeting with local planners		No
6. Date of meeting or consultation with local planners	31/01/2002 (by telephone)	
7. Name of LPA contact	Mike Thorp	
8. Results of consultation Mr Thorp advised that if the site was located away from residential properties and schools, and the proposed installation was a monopole design, the proposed development could in principle be acceptable and a formal pre-application submission was not required.		

9. Was the LPA register of sites checked for suitable sites? (if no explain why) No such register exists.		No
10. Was the Industry (OPD)database checked for suitable sites? (if no explain why)	Yes	
11. Reasons why site required (e.g. Coverage, capacity) Is a copy of the search area plan available for inclusion? For coverage purposes. Coverage Simulations enclosed.		

[1] Macro or micro

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Site selection process – alternative sites considered and not chosen if there are no alternatives explain why.

Site[2]	Site Name and address	NGR	Reason for not choosing[3]
GF	Land adjacent to service station on A33	470750/167250	T – significantly taller installation would be required to achieve coverage over trees

[2] ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield
[3] SP - Site Provider, RD - Redevelopment Not Possible, T - Technical Difficulties, P – Planning
O – Other

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Technical information

1. Declaration of conformity with ICNIRP public exposure guidelines attached	Yes	
2. Coverage plots attached	Yes	
3. Planning drawings/ photo montages (where appropriate) attached	Yes	

4. *Frequency*	**2100 MHz**
5. Modulation characteristics	**Standard information attached**
6. Power output	**62 dBm**
7. Height of antenna (m) AGL	**12.9m and 13.2m to bases**

Reason for choice of design – including technical/environmental design criteria
Green Monopole, to for visual amenity reasons.

Additional proposed community consultation (if applicable)
N/A

Additional relevant information
N/A

Signed **Date** **28th February 2002**

Position **Senior Planner** **Company** **Barton Willmore Planning Partnership.**

On behalf of Hutchison 3G UK

1769a

WOKINGHAM DISTRICT COUNCIL
PLANNING APPLICATION

01.MAR2002* 6078 PART 1

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

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

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

FOR OFFICE USE ONLY

1.	APPLICANT'S NAME	HUTCHISON 3G UK LIMITED
	ADDRESS	C/O AGENT
	POST CODE	PHONE
2. If the applicant has an agent, all correspondence will be sent to the agent	AGENT'S NAME	BARTON WILLMORE PLANNING PARTNERSHIP
	ADDRESS	BEANSHEAF FARMHOUSE, BOURNE CLOSE, CALCOT, READING, BERKSHIRE.
	POST CODE	RG31 7BW PHONE 0118 9430000
3. On the plans show the SITE outlined in RED Show also OTHER land in the applicant's ownership or control in BLUE.	SITE LOCATION	DIDDENHAM MANOR FARM, MEREOAK LANE, SPENCERS WOOD
4. WHAT IS THE APPLICATION FOR ? Give brief details and state for what purpose this site and any buildings will be used.		INSTALLATION OF 3 NO. 2000MM ANTENNAS AND 1 NO. 600MM MICROWAVE DISH ON A 16M GREEN MONOPOLE, EQUIPMENT CABINETS, ANCILLARY EQUIPMENT AND CREATION OF NEW ACCESS OFF MEREOAK LANE
5. Give the area in hectares or part of a hectare	AREA OF SITE	0.009ha
6. State the applicant's interest in the land e.g. owner, prospective purchaser, lessee	OWNERSHIP	LESSEE
List all the plans and drawings submitted with the application	PLANS/DRAWINGS	0018860-111, 112, 113, 114

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

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

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

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

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

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

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

AGRICULTURE

12. DOES A PUBLIC RIGHT OF WAY CROSS OR ABUT THE SITE OR THE PROPOSED ACCESS? YES/NO

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

13. ARE THERE ANY TREES ON THE SITE? IF YES, ARE ANY TO BE FELLED? YES/NO

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

14. STATE EXTERNAL MATERIALS TO BE USED.

N/A

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

1.8M HIGH CHAIN LINK FENCE

16. HOW WILL SURFACE WATER BE DISPOSED OF?

N/A

17. HOW WILL FOUL SEWAGE BE DISPOSED OF? N/A

To existing system YES/NO

If no, please give details

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

OFF MEREOAK LANE, TO SOUTH
NEW ACCESS OF MEREOAK LANE

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

N/A

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

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

* STATE No. OF HABITABLE ROOMS

21. DOES THE PROPOSAL INVOLVE ANY NON-RESIDENTIAL BUILDING OR USE? YES/NO

If YES, complete Part 2 of the form

22. DOES THE PROPOSAL INVOLVE THE WINNING, WORKING OR PROCESSING OF MINERALS: THE DISPOSAL OF MINERAL WASTE, OR THE DEPOSIT OR PROCESSING OF REFUSE AND WASTE MATERIALS? YES/NO

If YES, please ask for and complete Part 3 of the form

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

£190.00

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

SIGNED B Stephenson ON BEHALF OF HUTCHISON 3G UK LTD. DATE 28 FEBRUARY 2002

BARTON WILLMORE PLANNING PARTNERSHIP

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

1769c

PLANNING APPLICATION

PART 2

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

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

	USE CLASS	Existing floor space		Proposed additional floorspace created by	
		Retained in existing use	Lost by change of use or demolition	New building	Change of use
A1	SHOPS				
A2	FINANCIAL AND PROFESSIONAL SERVICES				
A3	FOOD AND DRINK				
B1(a)	OFFICE (other than A2)				
B1 (b)	RESEARCH AND DEVELOPMENT				
B1 (c)	LIGHT INDUSTRIAL				
B2	GENERAL INDUSTRIAL				
B3-7	SPECIAL INDUSTRIAL				
B8	STORAGE OR DISTRIBUTION				
C1	HOTELS AND HOSTELS				
C2	RESIDENTIAL INSTITUTIONS				
D1	NON-RESIDENTIAL INSTITUTIONS				
D2	ASSEMBLY AND LEISURE				
OTHER	Please Specify TELECOMMUNICATIONS EQUIPMENT CABINETS			1.92M²	
OTHER	Please Specify				
	TOTAL				

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

26. WHAT PROVISION IS BEING MADE FOR PARKING?

	Cars	Lorries
Existing	0	0
Proposed	1 SPACE FOR MAINTENANCE VEHICLE	

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

TELECOMMUNICATIONS BASE STATION

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

HUTCHISON 3G UK LTD. WILL OPERATE THE SITE

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

Existing Staff	Transferred Staff	New Staff	Total
0	0	0	0

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

NO

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

1769d

YOUR PLANNING APPLICATION

WHY DO YOU NEED TO MAKE A PLANNING APPLICATION ?

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

WHAT ELSE MAY YOU HAVE TO DO ?

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

Special forms are available for these types of applications.

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

WHAT HAPPENS TO THE APPLICATION ?

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

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

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

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

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

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

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

HOW LONG WILL IT TAKE ?

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

WHAT SORT OF DECISION CAN BE MADE ?

Your application may be approved.

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

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

WHAT HAPPENS IF THE APPLICATION IS REFUSED ?

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

DATA PROTECTION ACT 1984

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

1789/a

SECTION 66 CERTIFICATE

Application No. 01.MAR2002* 0028

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

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

OR

+ See Note (a) to Certificate A

OR

(b) Insert description of steps taken.

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

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

CERTIFICATE A

I certify that:

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

CERTIFICATE B

I certify that:

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

Owner's(a) name	Address at which notice was served	Date on which notice was served
J.H. AND C.V. MILLER	DIDDENHAM MANOR FARM, GRAZELEY, READING RG7 1JS	28 FEBRUARY 2002

CERTIFICATE C

I certify that

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

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

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

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

  (b) .....

  .....

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

  the (c) .....

  on (d) .....

1789/b

CERTIFICATE D

I certify that

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

OR

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

(b) . . . . . .

. . . . . .

(b) Insert description of steps taken

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

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

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

on (d) . . . . . .

ALL APPLICANTS MUST COMPLETE THIS SECTION

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

Agricultural Holdings Certificate

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

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

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

OR

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

Tenant's name	Address at which notice was served	Date on which notice was served
N/A		

Signed . . B Stephenson

On behalf of . . BARTON WILLMORE PLANNING PARTNERSHIP . . . HUTCHISON 3G UK LTD. . . . . .

Date . . 28 FEBRUARY 2002 . . . . . .

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

DIDDENHAM MANOR FARM LAMBWOOD MILL E

(1)

ADDRESS BLOOMFIELD HATCH LANE GRAZELEY PARISH SHINFIELD

PLOT No. ORD. SHEET No. SU 6866 (85) SU 6966

BUILDER

Plan No.	Applicant	Description of Development	Date of Decision	Decision
PD 34/69		Ext to Dutch Barn		
BR 3625	Mr. J.H. Miller	Building to house pig	31. 10. 75	app NA
BR 12376	" "	Conservatory	19. 11. 79	app NA
12201	"	"	14 2 80	NA CA
PD 462/58	Mr S Wattich	Dutch Barn	11. 11 58	app PD
16254	Mr Miller o/c	agricultural works		
		house between Ivy	24. 8 81	NA CA
		Cottage & Jubilee Cott		
32724	SHELL U.K.	PETROL SERVICE ST	27.4.89	Ref
35075	"	CATERING/PARKING	15.2.90	Ref
	NOW SEE →	AD 5. WOODCOCK LANE		
39064		" "	W/DR.	

DATE OF COMPLETION

MINISTRY DECISION 35075 - APPEAL GRANTED - 29.6.90

SPECIAL ORDERS Enforcement notice dated 25.2.75 (2 Shinfield/188) Appeal decision 13.1.

DRAINAGE

091074 39790 - J & C. MILLER DIRTY WATER CONTAINMENT PIT 16.9.92 CA

1933

(2)

ADDRESS DIDDENHAM MANOR FARM BLOOMFIELD HATCH LANE PARISH SHINFIELD

PLOT No. ORD.SHEET No.

Planning No.	Building No.	Applicant	Description of Development	Date	Decision Building	Decision Planning
F/2002/6038		Hutchinson 3G UK Ltd.	Install 3x20000mm antenna's & 1x600mm microwave dish on 16m h. monopole with equip. cabinets, anc. equipment etc.			

MINISTRY DECISION:

SPECIAL ORDERS:

01.MAR2002* 6038

SUPPORTING STATEMENT

This document has been produced in order to assist Local Planning Authorities in determining planning applications and notifications under the General Permitted Development Order (GPDO) for telecommunications development made on behalf of Hutchison 3G UK.

Whilst submitted as general background information to assist the determining of planning applications and GPDO notifications, the document does not constitute a formal part of any application and is not meant as a substitute for ongoing discussion on any specific proposal. Instead, the document is submitted as a complimentary aid to that process.

1.0 WHO ARE HUTCHISON 3G UK?

Hutchison 3G UK (H3G) were awarded one of the third generation mobile licences by the Department of Trade and Industry to run a public telecommunications service in the UK. Hutchison Whampoa, NTT DoCoMo and KPN own H3G. It is now investing in deploying a network for a potential launch in 2002. Hutchison 3G UK is required by the terms of our license to meet a coverage level of 80% of the UK population by 2007.

The licence permits allows us to operate at a frequency of 2.1 GHz

1920.0 – 1934.9 MHz – Base receive
2110.3 – 2124.9 MHz – Base transmit
1914.9 – 1920.0 MHz – Base transmit/receive in Time Division Duplex

2.0 WHY THE NEED FOR A NEW TELECOMMUNICATIONS SERVICE?

Firstly, mobile phone usage has grown exponentially and far in excess of that estimated.

Secondly and importantly for a 3rd Generation operator the introduction of technological developments will allow faster data transfer, direct access to the Internet from the handset and allow the use of videophones. It is anticipated that there will be an increase in data related traffic for video, pictures, text and other digital information and that the demand for this type of communication will increase the demand for mobile technology and the associated communications infrastructure.

Hutchison 3G UK aims to be in the vanguard in the roll out of 3rd Generation technology across Europe.

01.MAR2002* 6038

3.0 THE SITE SELECTION PROCESS

H3G's site selection strategy until launch is to keep our overall environmental impact to a minimum. The key to this will be for H3G to site share wherever we possibly can. To this end we will target:

- Existing telecommunications structures
- Buildings or rooftops
- Other useable utility based structures such as electricity pylons

New Greenfield or Brownfield sites will only be developed where there are no viable or accessible alternatives or it is the planning authority's preferred approach.

H3G have developed a number of agreements with providers of telecommunications infrastructure or companies with infrastructure that might be suitable for development to a telecommunications use. When the search area has been identified the Network Planning Engineer together with the Planning and Acquisition Consultants will use these agreements to identify possible sites. Within the search area, priority is being given to using pylon sites where possible to minimise any visual impact.

The Acquisition Consultant will then contact the building / land owners for the identified site and arrange a site visit. The Acquisition Consultant will provide the Network Planning Engineer with a Search Report, which will show the possible locations and access for the equipment. The search report includes a set of panoramic photographs from the possible antenna heights (illustrating for instance any obstructions that will affect the coverage from the site).

The Engineer will use the coverage prediction tool to make sure the identified site will provide the required coverage levels. Should the results be satisfactory the Engineer will then produce an initial design, which is used by the professional designer to produce detailed drawings of the installation. These drawings are agreed with the site provider and are used a part of the planning application.

As part of the process, the Transmission Engineer will make sure that the new sites can be networked into the existing network using microwave or leased line transmission links.

4.0 COVERAGE LEVELS AND TYPICAL CELL SIZE

The combination of the significantly faster data rates, the need to reduce interference within and between cells and the lower power output from 3G equipment means that the typical cell size for 3G is smaller than that generally associated with 2G.

5.0 SITE SEARCH

In accordance with our Licence obligations and PPG8, H3G's Network Planner, Acquisition and Planning Consultants will have undertaken an inspection of the area of search and investigated the following in order of preference:

- Using an existing telecommunications structure belonging to another communications operator
- Existing high building or other structure, including National Grid pylons
- A new site on brownfield land
- A new Greenfield site

6.0 PRE-ROLLOUT DISCUSSIONS

Under the Licence granted to H3G by the Government it is a condition that pre-rollout discussions are held with the local authority. Hutchison 3G UK is committed to carrying out a comprehensive pre – rollout programme.

7.0 THE LEGISLATIVE FRAMEWORK

7.1 Introduction

As a company operating in the UK, H3G is bound by all relevant territorial and European legislation. Particularly relevant to network development are the requirements and obligations flowing from three separate areas of legislation.

- Telecommunications
- Planning
- Health and Safety

7.2 Telecommunications

H3G is a licensed telecommunications code systems operator under the Telecommunications Act 1984. The current Licence was granted on 22nd December 2000 by the Secretary of State for Trade and Industry

The minimum network coverage requirement is specified in the Licence as being an area of where 80% of the UK population live by 2007.

7.3 Planning

7.3.1 General Permitted Development Order

As a licensed telecommunications code systems operator, H3G enjoys certain permitted development rights as set out in Part 24 Schedule 2 of the Town and Country Planning (General Permitted Development) Order 1995, as amended (GPDO). The rights are accompanied by a Code of Best Practice published by the Department of the Environment in March 1996 and DETR Circular 04/99, Planning For Telecommunications (now replaced by revised Planning Policy Guidance Note 8: Telecommunications, August 2001).

7.3.2 Planning Applications

Where development exceeds the limits set out in the GPDO or relates to areas where permitted development rights do not apply, then H3G is subject to the usual requirement for planning permission, requiring the submission of a planning application in the first instance. Any such application is subject to the normal statutory procedures and an important material consideration in its determination will be the guidance set out in PPG8, as well as the relevant policies in the development plan.

If planning permission is granted, the Company will fully comply with all relevant Health and Safety legislation.

7.3.3 Planning Policy Guidance Note 8 – Telecommunications

Revised PPG8: Telecommunications (August 2001) recognises that modern telecommunications are an essential and beneficial element in the life of the local community and in the national economy (Appendix, paragraph 1) and that they can benefit the environment through reducing the need to travel, and hence reducing vehicle emissions of carbon dioxide and other pollutants (Appendix, paragraph 2).

The Government's policy is to facilitate the growth of new and existing telecommunications systems whilst keeping the environmental impact to a minimum (paragraph 1).

Paragraph 6 of PPG 8 states that local authorities should not seek to prevent competition between different operators and should not question the need for the telecommunications system which the proposed development is to support.

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7.4 Health and Safety Concerns

Health and Safety legislation covers a range of matters including safety during construction, structural stability and requirements to ensure proper and safe maintenance, as well as issues relating to radio frequency.

7.4.1 The Stewart Report

The Independent Expert Group on Mobile Phones (IEGMP), chaired by Sir William Stewart, was established in April 1999 on instruction of the Minister for Public Health and their report (The Stewart report) was published on 11th May 2000. The report was based on the issues and concerns relating to the 2nd generation rollout of a mobile phone network, however many of the conclusions and recommendations are relevant to and offer valuable lessons to the 3rd generation rollout.

Having heard and considered a large amount and wide range of evidence the main conclusions were as follows:

- The balance of evidence to date does not suggest that emissions from mobile phones and base stations put the health of the UK population at risk. However, given the gaps in our knowledge a precautionary approach to the use of mobile phone technologies is recommended.

- 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 guidelines. The report does, however, identify a number of indirect adverse effects primarily relating to impacts on local amenity.

- A recommendation that planning controls be extended to masts below 15m in height.

- A call for the random auditing of the emissions base stations particularly near schools and sensitive sites.

- That a substantial research programme should be instituted under the aegis of an independent panel.

7.4.2 The Government's Response

Revised PPG8 (August 2001) advises that the Government accepts the precautionary approach to the use of mobile phone technologies as set out in the Stewart Report, however the acceptance is limited to the specific recommendations made in the report and the Government's response to them (paragraph 31).

The Government's response includes acceptance of the more stringent International Commission on Non-Ionising Radiation Protection (ICNIRP) standard for public exposure.

Under Revised PPG8, all applications for planning permission or prior approval are required to be accompanied with a certificate that confirms that the proposed base station, when operational, will meet the ICNIRP guidelines.

7.4.3 World Heath Organisation (WHO) Report – JULY 2000

The WHO has updated its fact sheet No 193, Electromagnetic Fields and Public Health. It urges regulatory authorities " *not to undermine the science base of (health based) guidelines"* by incorporating *'arbitrary additional safety factors'.* The fact sheet also states that the ICNIRP guidelines " *offer protection against all identified hazards of RF energy with large safety margins."*

The fact sheet concludes *'RH fields levels around base stations are not considered a health risk'.*

7.4.4 Appeal Decisions

Tanridge District Council and One to One Personal Communications Limited verses Mohamed Al Fayed (1999)

The High Court decision made clear that refusal on harm to health grounds would not be sustainable.

Orange Personal Communications Ltd against Restormel Borough Council 2000

Although the appeal closed after the publication of the Stewart report (11th May 2000) further representations were invited and the decision takes these into account. It is in effect the first appeal decision after the Stewart report was published.

One of the conclusions stated was:

" *The IEGMP conclusion still remains one that echoes previous expert views from national and international advisory organisations, i.e. that on the balance of evidence the health of the general public will not be harmed by emissions from base stations. No other matter raised outweighs my conclusion that the evidence presented by possible health impacts does not amount to the substantial risk of harm that I consider would be necessary to outweigh the local and national policy background and the social and economic benefits of providing for modern communications."*

7.4.5 Revised Planning Policy Guidance for England and Wales– Revised PPG8 (August 2001)

The Appendix to Revised PPG8 sets out the Government's position on health considerations in detail. Paragraphs 88 – 92 refer to the Government's response to the Stewart Report and include reference

to the requirement for all base stations to meet the ICNIRP guidelines for public exposure.

Paragraph 93 of the Appendix sets out the responsibilities of operators under health and safety legislation. Ensuring compliance with the relevant guidelines is the responsibility of Government through the Health and Safety Executive and the National Radiological Board. Paragraph 94 of the Appendix states:

" It is not for the local planning authority to seek to replicate through the planning system controls under the health and safety regime. Enforcement of health and safety legislation in this area is a matter for the Health and Safety Executive (HSE) and not the Local Planning Authority."

In terms of considering health aspects of base stations when determining applications, Revised PPG8 states:

" Health considerations and public concern can in principle be material considerations in determining applications for planning permission and prior approval. Whether such matters are material in a particular case is ultimately a matter for the courts. It is for the decision-maker (usually the local planning authority) to determine what weight to attach to such considerations in any particular case."(paragraph 29)

" However, it is the Government's firm view that the planning system is not the place for determining health safeguards... In the Government's view, if a proposed mobile phone base station meets the ICNIRP guidelines for public exposure it should not be necessary for a local planning authority, in processing an application for planning permission or prior approval, to consider further the health aspects and concerns about them."(paragraph 30)

Accordingly, the Appendix to PPG8 advises, at paragraph 99, that all applications should be accompanied by the following:

- Certificate of compliance with ICNIRP guidelines
- Details of site location, antenna height, frequency and modulation characteristics and power output
- Where a mobile phone base station is added to an existing mast or site, confirmation that the cumulative exposure will not exceed the ICNIRP guidelines

Paragraph 31 of PPG8 states:

" In the Government's view, local planning authorities should not implement their own precautionary policies, e.g. by way of imposing a ban or moratorium on new telecommunications development or insisting on minimum distances between new telecommunications development and existing development."

8.0 COMPLIANCE WITH ICNIRP

Hutchison 3G UK have welcomed the recommendation that base station sites should comply with the INCIRP guidelines for public exposure and we believe this will increase public confidence in the safety of transmitter sites.

As stated above the Department of Transport, Local Government and the Regions have issued guidance to the local authorities stating that if a new telecommunication site meets the ICNIRP guidelines then it is not necessary for the Planning Authority in processing an application to consider the health effects further.

H3G can confirm that all the proposed sites will comply with Health and Safety legislation and in particular the ICNIRP guidelines.

All applications will be supported by information relating to ICNIRP compliance including an ICNIRP compliance certificate.

9.0 BENEFITS

Government policy as indicated in PPG8 is to encourage modern telecommunications as being an essential and beneficial element in the life of the local community and in the national economy and a means of benefiting the environment through reducing the need to travel. Although not mutually exclusive or exhaustive, an illustration of common benefits is set out below under three categories:

- Local benefits
- Contribution to sustainability
- Contribution to the national economy

9.1 Local Benefits

The majority of the UK population now have access to a mobile phone. This has clear economic and social benefits in terms of access to emergency services, improved personal safety, accessibility to services and customers, avoidance of delay, and generally enhanced communications.

9.2 Contribution to Sustainability

Mobile communications includes messaging, faxes and data transference (via the use of modems and computers) and accessibility to them is changing the way in which we live and work. The next generation of services will link these with video and television services. At it's simplest, the creation of local job opportunities and full or part time home working, facilitated through access to modern communications help can significantly reduce the need to travel. Likewise, being in constant communication can avoid wasted journeys or make the best use of public transport - for instance accessing real time information on the arrival of the next bus or train.

At its most complex, mobile communications facilitates modern forms of working such as hot desking or even hot officing, so reducing and in some cases eliminating the need for office accommodation. As these modern working practices gain greater hold so the demand for office accommodation and the need to travel to and from these locations will change In addition, by reducing the number of commuters, the pressure on all forms of transport and the consequential road congestion often experienced during peak hours should be reduced, leading to clear environmental benefits.

9.3 Contribution to the National Economy

All businesses, from large to small, benefit from modern communications, which helps them, maintain and attract new business and service contracts in a responsive and competitive manner.

In addition, telecommunications is an increasingly important sector of the economy in its own right. It currently represents 3% of GDP and the network operators employ over 213,000 people. There are more than 32 million telephone exchange lines and in addition, some 40 million mobile phone subscribers. Information supplied by the Department of Trade and Industry indicates that the mobile phone industry is a major contributor to economic activity in the UK and that many of our telecommunications based companies are world leaders. The Network operators had an estimated combined turnover of some £5.8 billion in the financial year 1998/1999.

There are numerous companies which specialise in the manufacture of telecommunications equipment from handset to radio masts and sophisticated electronic equipment. Examples of companies with substantial operations in the UK include Nokia and Motorola.

There are also now many people involved in the sale of mobile communications equipment, often operating from dedicated high street shops.

Accessibility to modern communications, reductions in the price of calls and customer comfort in using the telephone has also seen the spawning of a range of products and services being sold by way of direct marketing, such as telephone banking and insurance. In turn, this has seen the development of a large number of call centres, some employing several hundred people, to the benefit of the particular local economies where they are situated.

The Government has as one of its core objectives, making the UK the best place in the world to do business electronically by 2002. Initiatives such as the Information Age are proof of the Government's commitment in this area recognising the role the communication sector plays as a fundamental bedrock for successful business.

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1 Brief Description of UMTS / WCDMA

IMT-2000 [International Mobile Telephony], UMTS [Universal Mobile Telecommunications System] and WCDMA [Wideband Code Division Multiply Access] are three of the more widely known acronyms used when discussing the new Third Generation (3G) mobile telephony. The IMT-2000 was the governing body established to develop the standards. UMTS was an umbrella organization seeking to harmonize the different standards and WCDMA was indeed one those standards.

The technology, on which this WCDMA standard is based, has been in use for decades. Through extensive coding and sophisticated modulation techniques CDMA allows a relatively low transmission power and the successful deciphering of data received at signal levels below the noise floor.

In effect, each user transmits on the same frequency and at the same time as all other users. In a conventional sense, they all interfere with each other. However, different users are distinguished by speading their signal/data across a wide frequency band and according to a unique code, known only to the transmitter and the intended receiver, thus the term "wideband code division".

1.1 The "Cocktail Party Analogy"

1.1.1 How it works:

If you were in a room full of people and each couple was engaged in a conversation using a different language, the conversation you maintain with your partner can be considered a communication link. The fact that only the two of you share the same language within the room can be thought of as a special code.

Whilst communicating with your partner all other conversations within the room are "filtered" out. Other conversations are perceived as noise. In the same way one can "focus" one's attention upon a single conversation, CDMA can decipher out a single user from a noisy background via special coding techniques. The main difference is that the sophisticated coding used in the UMTS Standards affords the noise to be "louder" than the intended voice or technically speaking, the noise level to be greater than the received signal strength.

For a GSM system, the receive level signal strength usually needs to be 18 dB stronger than the interference. In comparison, WCDMA can decipher out the intended user even if the noise or interference is more than 3 dB stronger. That is a difference of 21dB or WCDMA requires 128 times less energy relative to the interference than GSM.

1.1.2 The output power:

The power transmitted at a single UMTS site is relative to what is needed. Continuing with the aforementioned analogy, in a crowded room one does not need to speak louder than the cumulative background noise to hold one's conversation with another if one is "reasonably" close to the recipient. In fact, when very close to the other person, say within inches of the other's ear, one could whisper and still be heard intelligently. However conversely, the greater

the distance between people wishing to communicate the louder one needs to "shout" to overcome the noise.

Generally, the same relation holds true within a WCDMA system. The closer one is, in metres, to the base station the lower the radiated output power at the mobile. Or in technical terms, the base station sites with small radii and low heights will generally have a higher probability of low output power at the mobile and base station when compared to a similar location with the same traffic density and a larger cell radii.

A comparison of maximum output power can be made with a typical second generation system (2G) such as GSM1800. GSM1800 (i.e. Orange and One2One) are very close along the radio spectrum to UMTS, less than 50MHz separate their downlink (or base station frequencies) from the UMTS uplink (or mobile frequencies). Thus, the propagation characteristics and signal losses within the different environments are similar. The maximum power of a typical GSM1800 mobile unit is 30 dBm or approximately 1 Watt whereas, a typical UMTS mobile is limited to a maximum of 125 milliwatts of power for voice communication or $1/8^{th}$ the output power of a GSM1800 mobile. This difference of maximum output power reflects the strength of the coding and error correction contained within the UMTS Standard, thus resulting in much lower radiation of output power at the mobile.

1.1.3 Power control:

Very sophisticated algorithms at the mobile and base station manage the power control within a WCDMA system. Returning to the "Cocktail Party Analogy"; as more people enter the room the noise rises and correspondingly one needs to speak louder (or transmit at a higher power) in order to maintain an intelligible conversation. WCDMA base stations and mobiles use only enough power so to be "received" and deciphered intelligibly. In fact, because power is always a limited resource, WCDMA "seeks" to limit and reduce the output power as much as possible

Unlike at a cocktail party there will never be the occasional "loudmouth"; i.e. someone who enters the room and speaks at a volume much greater than that which is needed, thus requiring everyone else to raise their voices. If you like, the power control algorithms function as a sort of monitor that goes throughout the room and carefully manages the volume of each and every conversation so that every single person within the room is communicating at the minimum required level.

Again, a comparison can be made with GSM as a frame of reference. The GSM specifications do allow dynamic control[1] of the output power mobile and base station. However, their algorithms allow the adjustment of power at a frequency of only 2Hz or twice a second (this was considered very quick at the time the specifications were written). Whereas, WCDMA will have a power control algorithm that manages the power at an expected rate of 1500 Hz or 1500 times a second. Obviously, the management of transmitted power with WCDMA is very fast in comparison. The algorithms seek to always minimize the output power whenever and

[1] Dynamic power control is the ajustment or change of transmitted power by the network. The network exerts the control by minimizing the power of the mobile to the smallest viable level.

wherever possible, thus as a result making the system inherently safer to the public relative to cumulative transmitted power emitted by the mobile.

1.2 The cell site radius:

In the aforementioned analogy, the noise is repeatedly mentioned and constantly alluded to as a significant issue in WCDMA system. In fact, it ***is*** the defining issue relative to the quality of service and the system capacity. Continuing with the analogy, there are two defining characteristics relative to the cumulative noise level at a cocktail party (assuming the monitor controls and minimizes the voice level of everyone): the size of the room and the number of people within it. Assuming a rather large room with much space, as more and more people enter the noise level becomes greater and greater. At a determinable point the ability to communicate for most people will decrease.

Again the two determining factors were the size of the room and the number of people within it. It is reasonable to assume that it is possible to reduce the cumulative noise by limiting both determining factors: A) to limit the number of people admitted to the room (i.e. reduce the number of mobiles connected to the base station) and more preferably: B) by limiting the size of the room (i.e. reducing the base station coverage area).

Let's continue with the analogy and assume that there is a very large room with only two people within it. If they are at separate ends of the room they will need to shout in order to communicate. Within a WCDMA system most base stations will share a common frequency. The noise contributed by an adjacent base station on another is similar to having a Chinese wall separating your cocktail party from that of your neighbour's. Even if there are only two of you within the room, by being in separate ends of a large room and shouting, you will be causing significant noise to your neighbour and thus affecting the quality of the conversations there. Remember, the maximum transmit power at the base station will be relative to the maximum link loss and/or distance to the mobile.

Another limiting factor that reduces the maximum coverage area of a WCDMA base station is the power available at the mobile. In comparison to GSM1800 the maximum output power at a WCDMA mobile is much less. The GSM1800 mobile has a maximum output power of 1 Watt. The WCDMA mobile has a maximum output power for voice communications of 125 milliwatts, this is 1/8th than that of a GSM1800 mobile.

As we can see from these examples, the coverage areas for WCDMA base stations will need to be smaller than the traditional telecommunication sites (GSM). The smaller coverage area will reduce the probability of noise within the system and minimize the output power of both the base stations and mobiles. It is for this reason that Hutchison 3G wishes to keep the base station coverage areas small and as close to the traffic centres as feasibly possible.

2 Frequencies

The IMT-2000 framework group had identified the following frequencies for WCDMA: 1920 - 1980 MHz uplink (mobile phones); 2110- 2170 MHz downlink (base stations) as well as 1900 - 1920 MHz and 2020 - 2025 MHz band that will be used by both the uplink and downlink.

3 Modulation / Transmission Characteristics

The UMTS/WCDMA modulation scheme is QPSK modulation [Quadrature Phase Shift Keying]. In the uplink direction [from the mobile] the two dedicated physical channels are not time multiplexed but I/Q code multiplexed, please see figure 1. The result is an I/Q code multiplexed channel with continuous channel where no pulsed transmission occurs. The power output, however, will vary as the data is switched on and off. But, it is suffice to say that such switching happens quite seldom and that the variation is small in comparison to the two dedicated control channels.

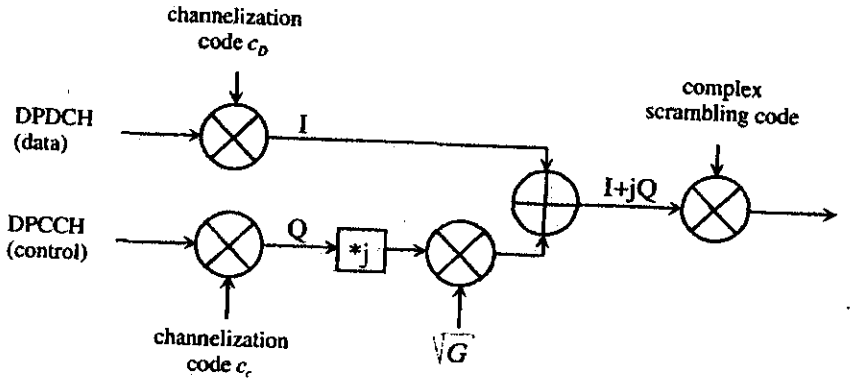


figure 1.

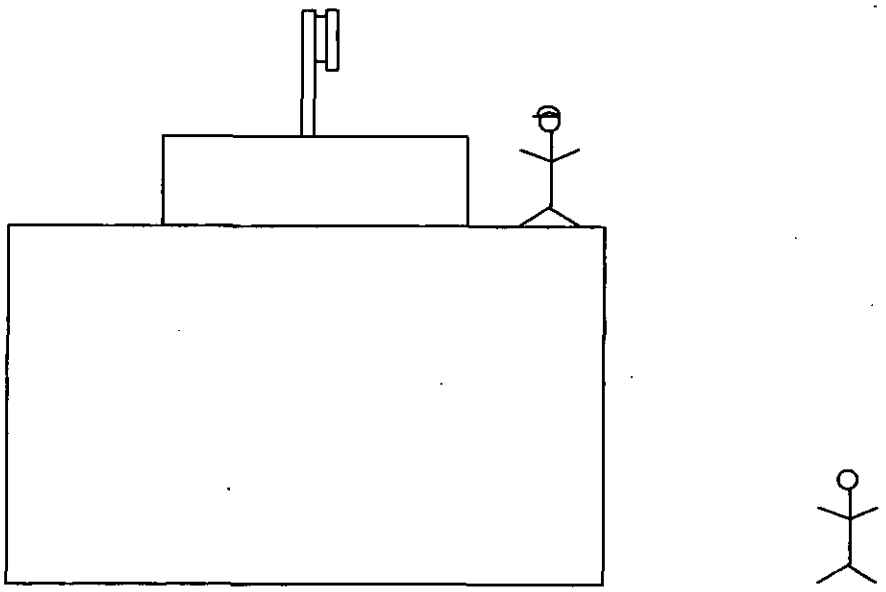
4 Safety Guidelines

4.1 ICNIRP / NRPB Guidelines

- Near Field / Occupational Limitations
- Far-Field / General Public Exposure Limitations

4.2 Procedures for Compliance

- Typical Radio Emissions from WCDMA sites (i.e. typical RF channel & a wide RF spectrum graph both with and without typical loading)
- Typical site sketches showing exclusion zones for occupational and general public access



4.3 Testing Procedures

- Scope of Testing
- Equipment
- Documentation

5 Deliverables for Planning Applications

It is proposed that all relative information is to be made available for all relative planning applications. A list of available information is as follows:

The following plot shows the coverage potential from a given site location. The plot includes an assumption of traffic and a particular service type. Radiation Centre Height of Transmission Antennas Coverage Potential Plot Frequencies output power Modulation / Transmission Characteristics

Planning Application

Site ID
Option Nam

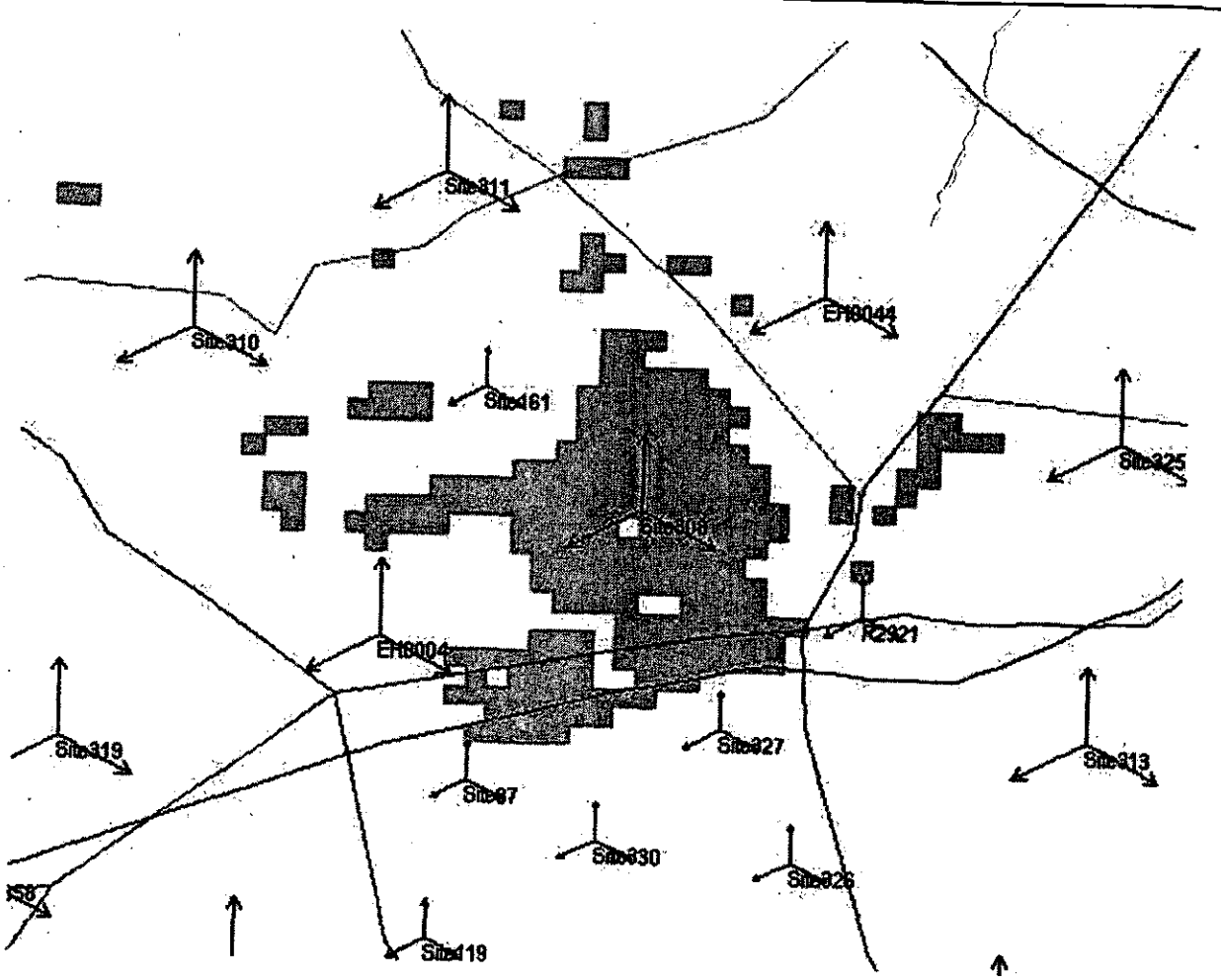
Site Address

Post Code

Site Coordinates
Latitude:
Longitude:

Height of A 10.00
Frequency: 2.1 Ghz
Transmit Power:

Modulation Technique



6 Epidemiological Studies

- Hutchison 3G Supported Research
- Bibliography of Known Non-Ionisation Research

6.1.1 *Books Published Jointly with ICNIRP*

Non-thermal effects of RF electromagnetic fields. R Matthes, JBernhardt and MH Repacholi (eds) Proceedings of Munich meeting, Nov. 1996. ICNIRP Pub. 3/97.

Biological effects of static and ELF fields. R Matthes, JBernhardt and MH Repacholi (eds) Proceedings of Bologna meeting, June 1997. ICNIRP Pub. 4/97.

Risk perception, risk communication and its application to EMF exposure. R Matthes, J Bernhardt and MH Repacholi (eds) Proceedings of Vienna meeting, Oct. 1997. ICNIRP Pub. 5/98.

Health Effects of Electromagnetic Fields in the Frequency Range 300 Hz to 10 MHz. R Matthes, E van Rongen and MH Repacholi (eds) Proceedings of International Meeting, Maastricht, The Netherlands 7-8 June 1999. ICNIRP Pub 8/99.

Effects of Electromagnetic Fields on the Living Environment. R Matthes, JH Bernhardt and MH Repacholi (eds). Proceedings of International Seminar, Ismaning, Germany 4-5 October 1999. ICNIRP Pub 10/2000:

Proceedings of RF meeting in Erice, Sicily being prepared for publication by ICNIRP

Available from:

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6.1.2 *International Commission on Non-Ionising Radiation Protection (ICNIRP) Publications*

Non-ionizing Radiation: Executive summary of 4th International Non-Ionizing Radiation Workshop. Kyoto, Japan 22-25 May 2000. ICNIRP Publication 9/2000.

Guidelines on limiting exposure to non-ionizing radiation: Reference book of all ICNIRP guidelines and statements. R Matthes, JH Bernhardt and AF McKinlay (eds). ICNIRP publication 7/99

ICNIRP Guidelines: Guidelines for limiting exposure to time-varying electric, magnetic and electromagnetic fields (up to 300 GHz). Health Physics 74 (4): 494-522 (1998).

Non-ionising radiation: Proceedings of the 3rd International Non-Ionising Radiation Workshop, Baden, Austria, April 22-26, 1996. ICNIRP Publication 1/96

ICNIRP Statement: Health issues related to the use of hand-held radiotelephones and base transmitters. ICNIRP, Health Physics **70(4):** 587-593, 1996

ICNIRP Guidelines: Guidelines on limits of exposure to static magnetic fields. Health Physics **66(1):** 100-106, 1994

IRPA Guidelines on protection against non-ionising radiation, Eds. AS Duchêne, JRA Lakey and MH Repacholi, Pergamon Press (now available from McGraw Hill), 1991.

Protection of the patient undergoing a magnetic resonance examination. Health Physics **61(6):** 923-928, 1991

Guidelines on limits of exposure to 50/60 Hz electric and magnetic fields. Health Physics **58(1):** 113-122, 1990

Guidelines on limits of exposure to radio frequency fields. Health Physics **54(1):** 115-123, 1988

Alleged radiation risks from video display terminals. Health Physics **54(2):** 231-232, 1988

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Hutchison 3G Engineering Documentation
Radio Design Group

Hutchison 3G UMTS Radio Characteristics

Hutchison 3g

Author	Kassir Hussain
Approved by	
Date	
Title	Hutchison 3G UMTS Radio Characteristics
Summary	
Document no.	

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CSAWireless
A TriPoint Global Company

"Freedom" UMTS 65°/17.5 dBi X-Pol Antenna

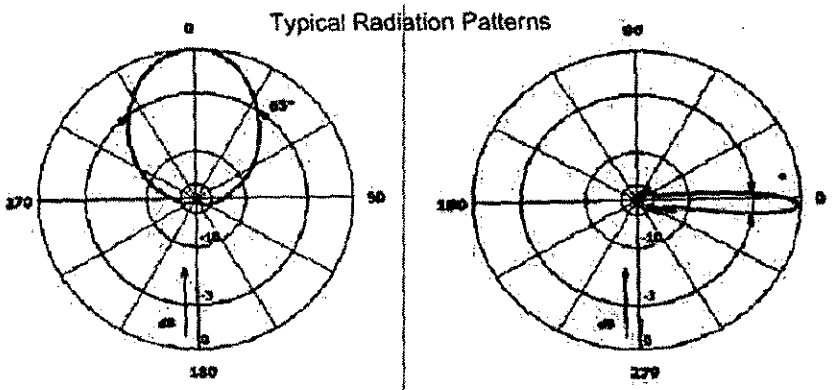
Model No UMTX65-12-*



Frequency	1900 to 2170 MHz
Gain	17.5 dBi
Input Impedance	50 ohms
VSWR	< 1.4:1
Polarisation	±45°
Electrical downtilt	0°, 2°,4°
Inter-port isolation	> 30dB
Azimuth beamwidth	65°
Elevation beamwidth	7.5°
1st upper sidelobe	< -14 dB
1st Null	> -25 dB
Front to back ratio	> 30 dB
Intermodulation	< -153 dBc for 2 x 20 W carriers
Input power	2 x 125 W
Input connector	7/16 -DIN female, 2 connectors at the bottom
Temperature	-40°C to +60°C
Mounting interface	Wall or pole 2 – 4.5 in diameter (48 – 115 mm), c/w pan & tilt
Survival wind speed	200 km/h
Wind loads	Front: 180 N (at 150 km/h) Back: 270 N (at 150 km/h) Side: 115 N (at 150km/h)
Weight	Antenna 3.5 kg Bracket 3 kg
Dimensions	1270 x 184 x 82mm

Mounting bracket required: TBA

Typical Radiation Patterns



Azimuth Pattern Elevation Pattern

Radiation patterns available from the CSA Website in all the software planning tools
Visit http://www.csa-wireless.com

CSA Limited, Knight Road, Rochester, Kent, England ME2 2AX.
Tel +44 (0)1634 715544 Fax +44 (0)11634 715742 e-mail sales@csauk.com
Americas office: Conover NC Tel (001) 828 466 0421 Fax (001) 828 4660413 e-mail

2000 CSA reserves the right to modify or change the specifications shown above

01 MAR 2002

1 Introduction

This document contains the operational characteristics of the Hutchison 3G UMTS network in the United Kingdom.

Hutchison 3G UK was one of the successful bidders in the UK 3rd generation spectrum auctions and acquired a licence to operate a UMTS network in the UK spectrum auctions held last year. Hutchison 3G was the winner of licence block A. The licence awarded to Hutchison 3G allows Hutchison 3G to become a Public Land Mobile Operator.

The full definition of the UK licence and other characteristics related to the radio network are presented in the following subsections of this document.

2 Operational Aspects

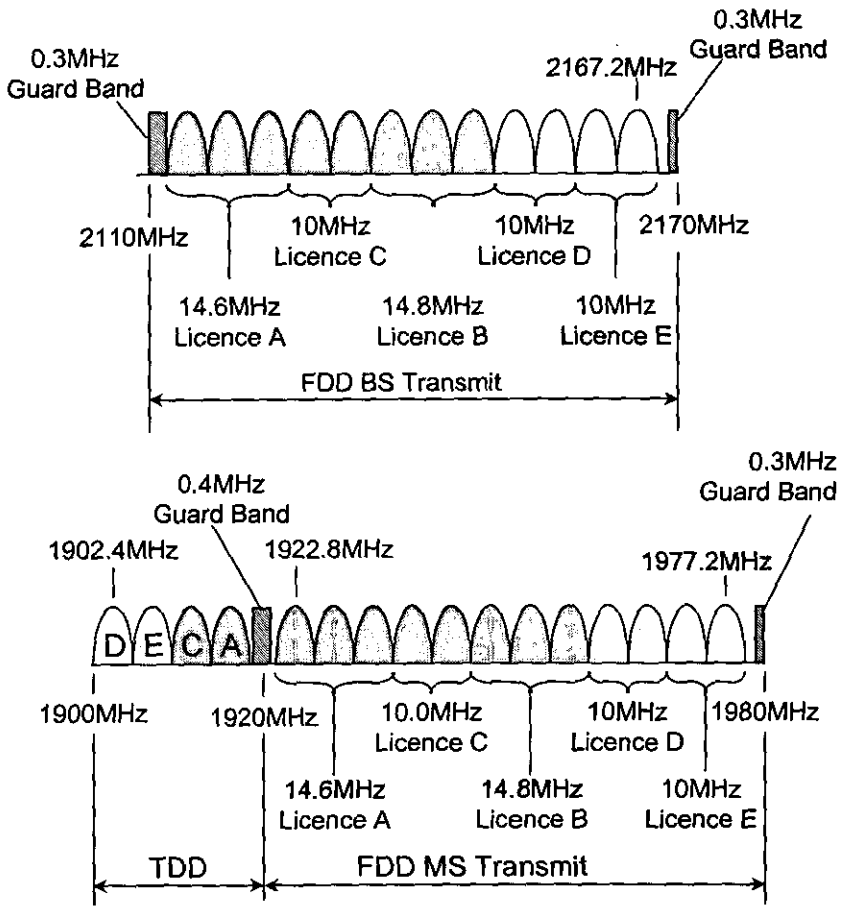
2.1 Spectrum Allocation

Hutchison 3G has acquired the A licence block. The licence provides Hutchison 3G with the following spectrum:

1920.0 – 1934.9 MHz – Base receive

2110.3 – 2124.9 MHz – Base transmit

1914.9 – 1920.0 MHz – Base transmit/receive in Time Division Duplex



01.MAR2002* 6038

2.2 The technology standards

The 3rd generation mobile system to be operated by Hutchison 3G in the United Kingdom is based on the Global 3GPP (3rd Generation Partnership Project) standard and is commonly referred to as the Universal Mobile Telecommunications System, or UMTS. 3GPP have created the radio standards for two modes of operation for UMTS. These are:

- Time Division Duplex (TDD) mode
- Frequency Division Duplex (FDD) mode

Hutchison 3G will only operate FDD mode of UMTS for the first few years. At some later date, TDD mode of operation will be introduced.

The FDD technology is based on a Direct Sequence Code Division Multiple Access (DS-CDMA) and typically operates over a 5MHz bandwidth. Due to the wide bandwidth of the system the system is often referred to as Wideband CDMA or WCDMA.

The modulation scheme employed in WCDMA is QPSK, Quadrature Phase Shift Keying.

Parameter	Value
Technology	Direct Sequence Code Division Multiple Access (DS-CDMA)
Modulation scheme	Quadrature Phase Shift Keying (QPSK)
System bandwidth	4.4 – 5 MHz, 200kHz carrier raster
Chipping rate	3.84 Mchips

2.3 Licence and operating conditions

The Third Generation Mobile licence, was awarded by the Radiocommunications Agency, and is covered by the Wireless Telegraphy Acts of 1949 and 1998. The WTA Licence places certain operational characteristics on the constraints on the licence holder. The table below outlines key aspects of this licence.

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<table>
<tr><th>Licence clause</th><th>Definition of clause</th></tr>
<tr><td>(3). Approved standards for the radio equipment</td><td>The radio equipment shall comply with the requirements of Directive 99/5/EC (the "Radio Equipment and Telecommunications Terminal Equipment Directive").</td></tr>
<tr><td>(6) Frequency bands of operation</td><td>1920.0 – 1934.9 MHz – Base receive

2110.3 – 2124.9 MHz – Base transmit

1914.9 – 1920.0 MHz – Base transmit/receive in Time Division Duplex</td></tr>
<tr><td>(7a) Maximum permissible EiRP, Frequency division duplex (FDD)</td><td>The radio equipment in Frequency Division Duplex mode, is required to conform to the following EIRP limits:
<table><tr><td>Maximum EIRP per carrier[1]</td><td>Maximum EIRP per MHz[2]</td></tr><tr><td>62 dBm</td><td>58 dBm/Hz</td></tr></table></td></tr>
<tr><td>(7b) Maximum permissible EiRP, Time division duplex (TDD)</td><td>The radio equipment in Time Division Duplex mode, is required to conform to the following EIRP limits:
<table><tr><td>Maximum EIRP per carrier[1]</td><td>Maximum EIRP per MHz[2]</td></tr><tr><td>62 dBm</td><td>58 dBm/Hz</td></tr></table></td></tr>
<tr><td>(8a) Permissible out of block emissions, Frequency division duplex (FDD). [3]</td><td><table><tr><td>Offset from edge of block</td><td>Maximum permitted level</td><td>Measurement bandwidth</td></tr><tr><td>0 to 0.2 MHz</td><td>-14 dBm</td><td>30 kHz</td></tr><tr><td>0.2 to 1.0 MHz</td><td>-14 – 15(Δf – 0.2) dBm</td><td>30 kHz</td></tr><tr><td>1.0 to 10 MHz</td><td>-13 dBm</td><td>1.0 MHz</td></tr><tr><td>Beyond 10 MHz</td><td>-30 dBm</td><td>1.0 MHz</td></tr></table>
Note Δf is the offset from the edge of the frequency block in MHz</td></tr>
<tr><td>Relevant radio standards for operation</td><td>ETSI TS 125.104: UTRA (BS) FDD; Radio transmission and reception

ETSI TS 125.105: UTRA (BS) TDD; Radio transmission and reception</td></tr>
<tr><td></td><td></td></tr>
</table>

[1] The maximum EIRP (Effective isotropic radiated power) per carrier is the product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna. The maximum EIRP in any direction from the basestation will be below this limit for any transmitted carrier. Power for this limit is defined as the mean modulated carrier power time averaged over any suitable time period in which the transmitter is continuously transmitting at its maximum operational power level.

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[2] The maximum EIRP per MHz is defined as the sum of the EIRP radiated by the transmitted carriers in any given direction within any contiguous 5MHz block within an operator's spectrum allocation divided by five.

[3] The out of block emissions are defined as the radio frequency emissions generated by the system operated by the licensee but radiated into the spectrum adjacent to the licencee's frequency block.

Note, that the EIRP per carrier and the EIRP per MHz limits are considered separately for any deployment and the more stringent requirement is complied with.

The spectrum allocation provided to Hutchison 3G allows Hutchison 3G to deploy a maximum of three FDD carriers and a single TDD carrier.

2.4 Vendor equipment

Hutchison 3G will use radio equipment from two manufacturers, NEC and Nokia. NEC equipment is utilised mainly in the South East of the UK and Nokia in the North.

2.5 Antenna Specifications

The antennas intended for use by Hutchison 3G are from Thales and CSA. Hutchison 3G has measured the performance of the antenna from both suppliers rather than relying on data from the suppliers themselves. The antennas used are shown in Table 1.

Supplier	Antenna description
Thales	1.32 and 1.56 metre antennas
CSA	1.27 and 1.72 metre antennas.

Table 1. Hutchison 3G antenna

The Thales antenna is predominantly used in the Hutchison 3G network, however at some point, CSA antennas may also be used. Specifications from both antenna vendors are provided for completeness. The antenna specifications for the Thales and CSA antenna are provided in .

3 Annex 1: Antenna specifications

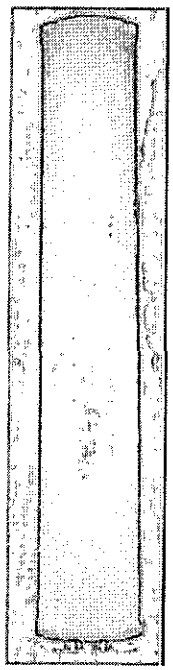
3.1 CSA

01.MAR2002* 6038

CSAWireless™
A TriPoint Global Company

"Freedom" UMTS 65°/17.5 dBi X-Pol Antenna

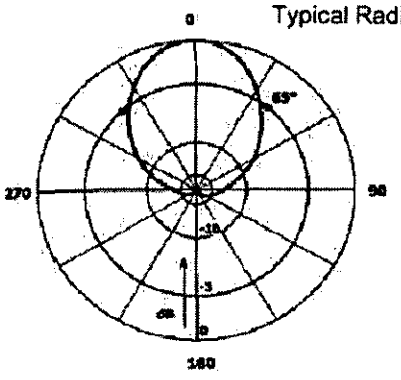
Model No UMTX65-12-*



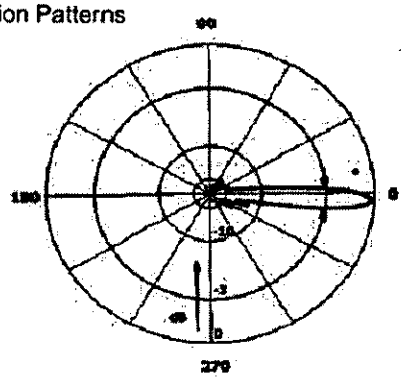
Frequency	1900 to 2170 MHz
Gain	17.5 dBi
Input Impedance	50 ohms
VSWR	< 1.4:1
Polarisation	±45°
Electrical downtilt	0°, 2°,4°
Inter-port isolation	> 30dB
Azimuth beamwidth	65°
Elevation beamwidth	7.5°
1st upper sidelobe	< -14 dB
1st Null	> -25 dB
Front to back ratio	> 30 dB
Intermodulation	< -153 dBc for 2 x 20 W carriers
Input power	2 x 125 W
Input connector	7/16 -DIN female, 2 connectors at the bottom
Temperature	-40°C to +60°C
Mounting Interface	Wall or pole 2 – 4.5 in diameter (48 – 115 mm), c/w pan & tilt
Survival wind speed	200 km/h
Wind loads	Front: 180 N (at 150 km/h) Back: 270 N (at 150 km/h) Side: 115 N (at 150km/h)
Weight	Antenna 3.5 kg Bracket 3 kg
Dimensions	1270 x 184 x 82mm

Mounting bracket required: TBA

Typical Radiation Patterns



Azimuth Pattern



Elevation Pattern

Radiation patterns available from the CSA Website in all the software planning tools
Visit http://www.csa-wireless.com

CSA Limited, Knight Road, Rochester, Kent, England ME2 2AX.
Tel +44 (0)1634 715544 Fax +44 (0)11634 715742 e-mail sales@csauk.com
Americas office: Conover NC Tel (001) 828 466 0421 Fax (001) 828 4660413 e-mail

2000 CSA reserves the right to modify or change the specifications shown above

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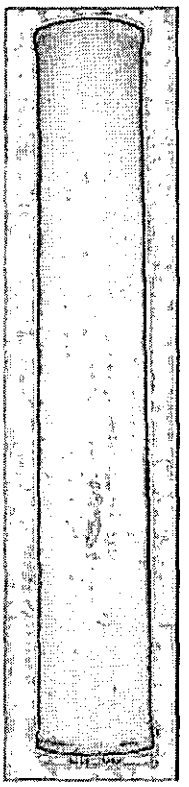
CSAWireless

"Freedom" UMTS 65°/18.5dBi X-Pol Antenna

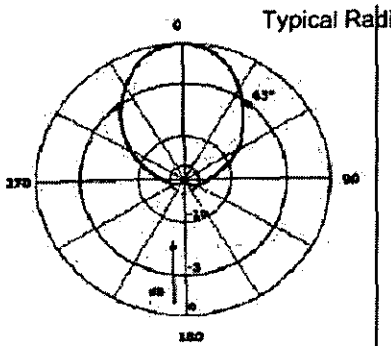
Model No UMTX65-17-*



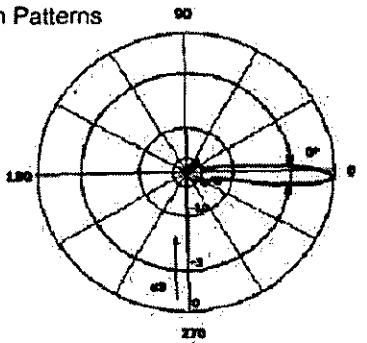
Frequency	1900 - 2170 MHz
Gain	18.5 dBi
Input impedance	50 ohms
VSWR	< 1.4:1
Polarisation	±45°
Electrical downtilt	Various options available on request
Inter-port isolation	> 30dB in Tx, > 27dB in Rx
Azimuth beamwidth	65°
Elevation beamwidth	5°
1st upper sidelobe	< -16 dB
1st Null	> -25 dB
Front to back ratio	> 30 dB
Intermodulation	< -153 dBc for 2 x 20 W carriers
Input power	2 x 125 W
Input connector	7/16 - DIN female, 2 connectors at the bottom
Temperature	-40°C to +60°C
Mounting interface	Wall or pole 2 – 4.5 in diameter (48 – 115 mm), c/w pan & tilt
Survival wind speed	200 km/h
Wind loads	Front: 400N at 150 km/h Back: 430N at 150 km/h Side: 165N at 150 km/h
Weight	Antenna 5 kg Bracket 3 kg
Dimensions	1720 x 184 x 82

Mounting bracket required: XSL54256

Typical Radiation Patterns



Azimuth Pattern



Elevation Pattern

Radiation patterns available from the CSA Website in all the software planning tools
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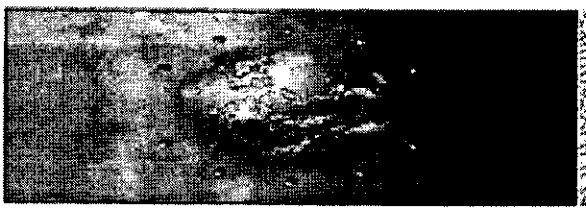
CSA Limited, Knight Road, Rochester, Kent, England ME2 2AX.
Tel +44 (0)1634 715544 Fax +44 (0)11634 715742 e-mail sales@csauk.com
Americas office: Conover NC Tel (001) 828 466 0421 Fax (001) 828 4660413 e-mail

2000 CSA reserves the right to modify or change the specifications shown above

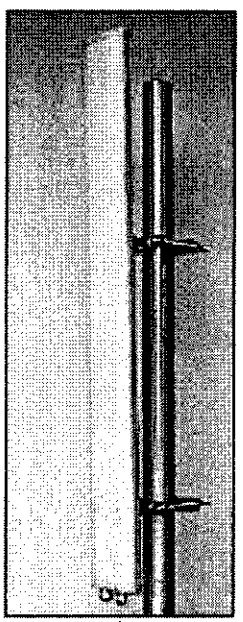
01.MAR2002* 6038

3.2 Thales



UMTS
65°/18 dBi
DUAL-POLARISED
ANTENNA

Dual Polarised Antenna
Type: 2209



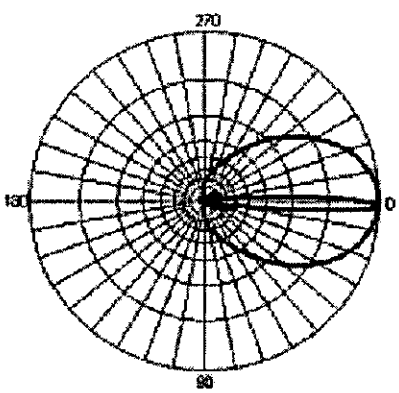
- SINGLE-BAND 3G APPLICATIONS
- ULTRA LOW-PROFILE RADOME
- SIDELOBE SUPPRESSION

The '3G Series' of panel antennas from Racal have been designed to easily facilitate the installation of Third Generation Cellular infrastructure into new or existing networks. A number of models provide variations in both gain and fixed electrical downtilt to exactly suit the required cell coverage. Slimline radomes reduce visual impact & provide an easily installed, robust enclosure. An extremely low component count and one-piece PCB result in consistently high product quality and reliability, having an excellent intermodulation performance. The mounting brackets enable Tilt or Pan + Tilt options. Two connectors are provided on the base of the unit.

TECHNICAL SPECIFICATION

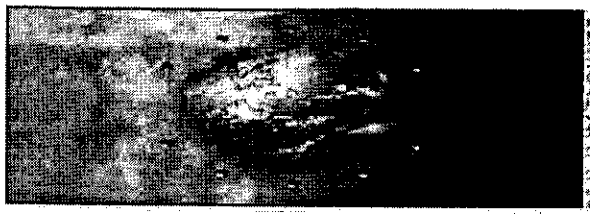
MODEL 2209

Frequency	:	1900 - 2170 MHz
Horizontal Beamwidth	:	65°
Vertical Beamwidth	:	7°
Gain	:	18 dBi
VSWR	:	1.2:1 typical
Fixed electrical downtilt options	:	2, 4, 6, 8 or 10°
Upper sidelobe suppression	:	< 18 dB
Below horizon null-fill	:	1st null <18 dB below beam peak
Isolation	:	30dB typical
Front-to-back ratio	:	>30 dB @ ± 180° azimuth
Power handling	:	200 Watts
Connectors	:	2 x 7/16" DIN (socket at bottom)
Dimensions	:	1315 mm x 142 mm x 43 mm
Operational wind speed	:	45 m/s (160 Km/h)
Survival wind speed	:	56 m/s (200 Km/h)
Max wind loading (Front)	:	268 N @ 45m/s
Weight	:	4.2 Kg
Temperature Range	:	- 40°C to + 70°C
Bracket Options	:	Tilt only ± 8° Pan (± 30°) & Tilt (8° down 2° up)



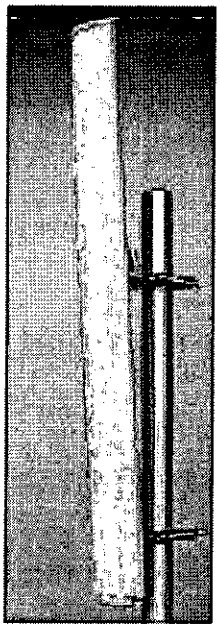
RACAL ANTENNAS
Telephone: +44 (0) 23 8070 5705 Fax: +44 (0) 23 8070 1122 e-mail: sales@racal-antennas.co.uk http://www.racal-antennas.com/
Racal reserve the right to vary in detail from the description and specification in this publication - 11/00 Issue 1

01.MAR2002* 6038



UMTS 65°/18.5 dBi DUAL-POLARISED ANTENNA

Dual Polarised Antenna Type: 2212



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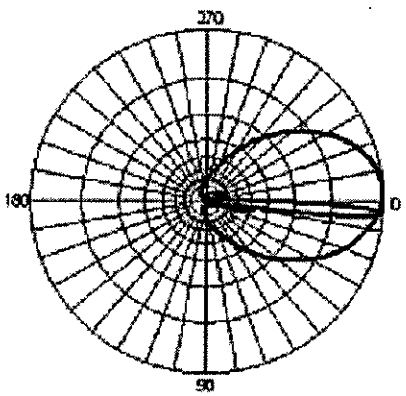
TECHNICAL SPECIFICATION

MODEL 2211

Frequency	:	1900 - 2170 MHz
Horizontal Beamwidth	:	65°
Vertical Beamwidth	:	5.3°
Gain	:	18.6 dBi
VSWR	:	1.4:1 max
Fixed electrical downtilt options	:	2, 4, 6, 8 or 10°
Upper sidelobe suppression	:	< 18 dB
Below horizon null-fill	:	1st null <18 dB below beam peak
Isolation	:	30dB typical
Front-to-back ratio	:	>30 dB @ ± 180° azimuth
Power handling	:	200 Watts
Connectors	:	2 x 7/16" DIN (socket at bottom)
Dimensions	:	1682 mm x 142 mm x 43 mm
Operational wind speed	:	45 m/s (160 Km/h)
Survival wind speed	:	56 m/s (200 Km/h)
Max wind loading (Front)	:	359 N @ 45m/s
Weight	:	5.5 Kg
Temperature Range	:	- 40°C to + 70°C
Bracket Options	:	Tilt only ± 8° Pan (± 30°) & Tilt (8° down 2° up)



RACAL ANTENNAS
Telephone: +44 (0) 23 8070 5705 Fax: +44 (0) 23 8070 1122 e-mail: sales@racal-antennas.co.uk http://www.racal-antennas.com/

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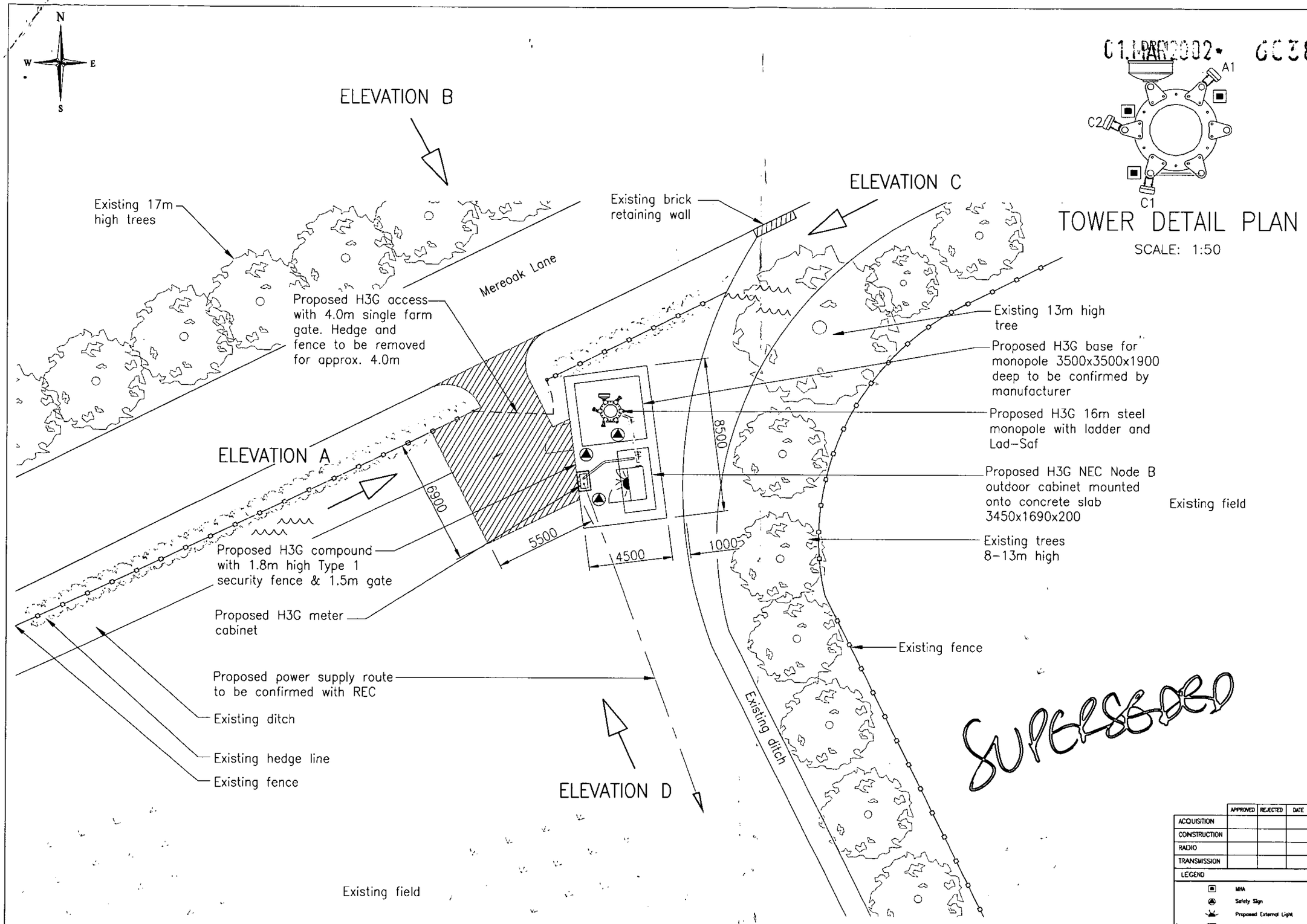

SITE PLAN
SCALE: 1:200

TOWER DETAIL PLAN
SCALE: 1:50

01 MAR 2002 CC38

SUPERSEDED

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-112
00188680-113

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12B27
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:- 16m
Type:- Monopole (Eve)
Hutchison Ref:- Special monopole with special 'frame' type headframe 3.5m long
Colour:- Olive Green BS12B27

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	600#	15.70m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	12.9m	2233	45°	20m
C1	2.0m	13.2m	2233	190°	20m
C2	2.0m	13.2m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM
REV.	DATE	DESCRIPTION	CHK	APP

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 55 Street Scobie, Abingdon, Oxon. OX14 3JF. UK
P.O. Box 350 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 468888
Facsimile +44 (0) 1235 468885
www.tcigroup.co.uk

Site:
DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE PLAN

Purpose of issue: PLANNING

Drawing no.: 00188680-111

Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN	Drawn: TM	Date: 12.12.01	Checked: JYW	Date: 12.02.02	Approved: JKM	Date: 13.02.02
8							

Consultant ref no: H3G-0055

ORIGINAL SIZE - A3

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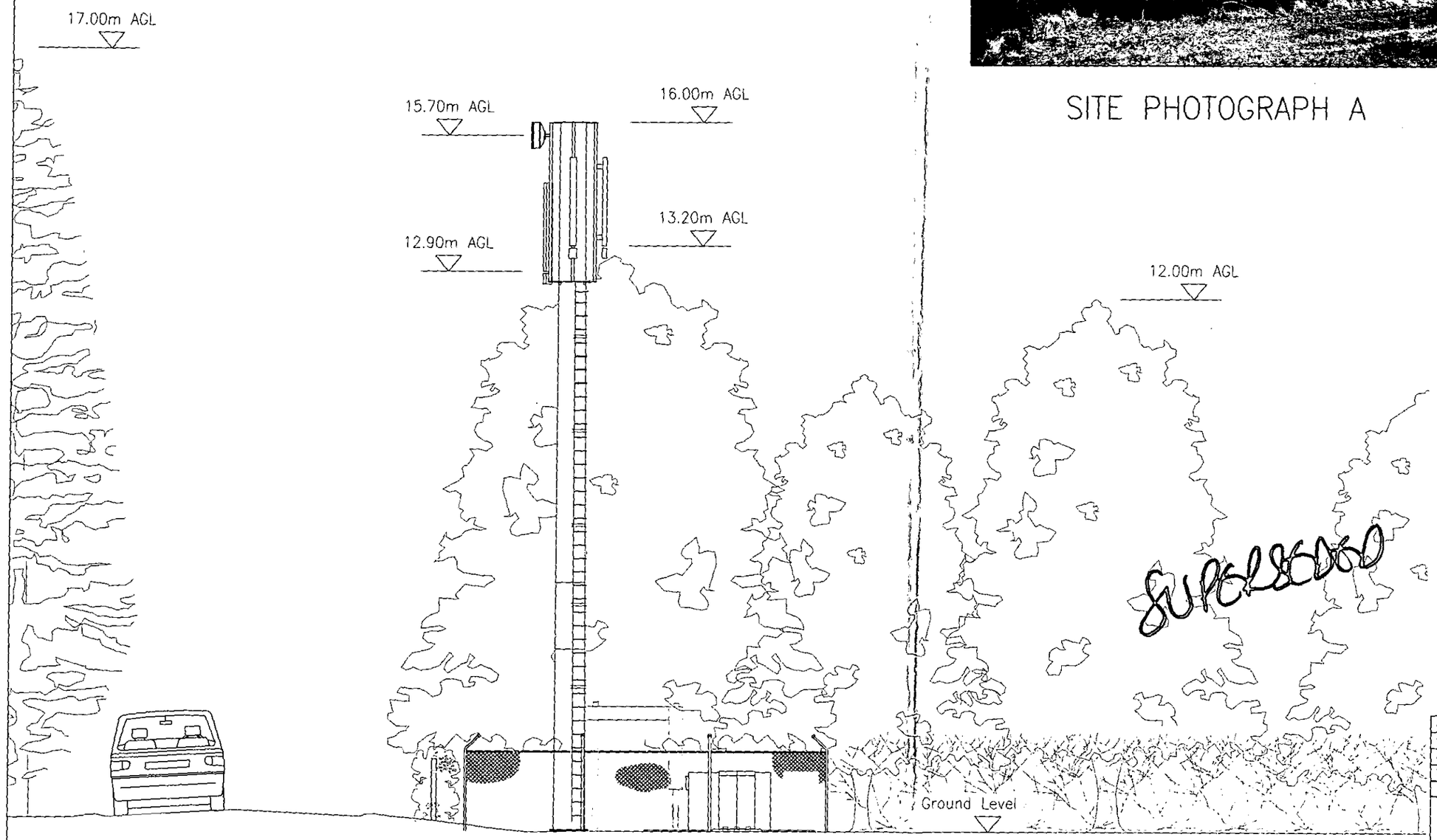

ELEVATION A
SCALE: 1:100

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NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-1014
00188680-111
00188680-113

NOTE:
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SITE PHOTOGRAPH A

01.MAR2002 6628

NOTES

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Meter cabinet - 0.385 x 0.79 x 1.3m High

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Proposed Tower Details
Height:- 16m
Type:- Monopole (Eve)
Hutchison Ref:- Special monopole with special 'frame' type headframe 3.5m long
Colour:- Olive Green BS12B27

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	600ø	15.70m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	12.9m	2233	45°	20m
C1	2.0m	13.2m	2233	190°	20m
C2	2.0m	13.2m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
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A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
Total Communications Infrastructure
1 New Abbey Court, 35 Street Street, Abingdon, Oxon OX14 5JF, UK
P.O. Box 550 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 [illegible]
Facsimile +44 (0) 1235 [illegible]
www.tcipl.com.au

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND
- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATION

Purpose of Issue: PLANNING

Drawing no. 00188680-112

Site ID: 00188680

Nominal ID: RG4027

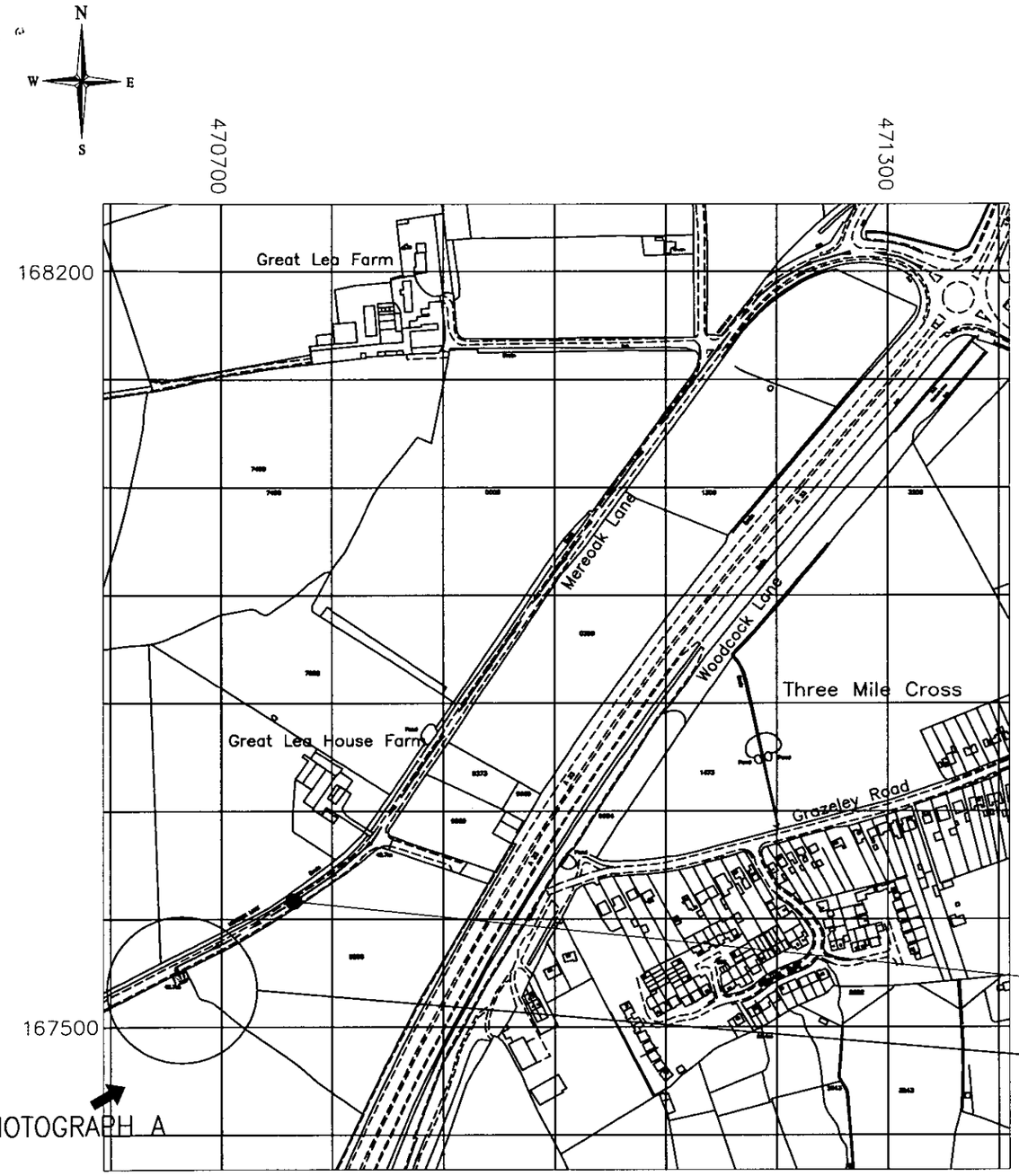
Issue: B | Scale: AS SHOWN | Checked: JYW | Date: 12.02.02
Drn: TM | Date: 12.12.01 | Approv: JKM | Date: [illegible]

Consultant

SIZE - A3

Land west of
Great Lea ~~Farm House~~ House Farm
Mereoak Lane
Grazeley.

01.MAR2002 6038



SITE LOCATION

Ordnance Survey map extract.

O.S. co-ordinates 470668/167545

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

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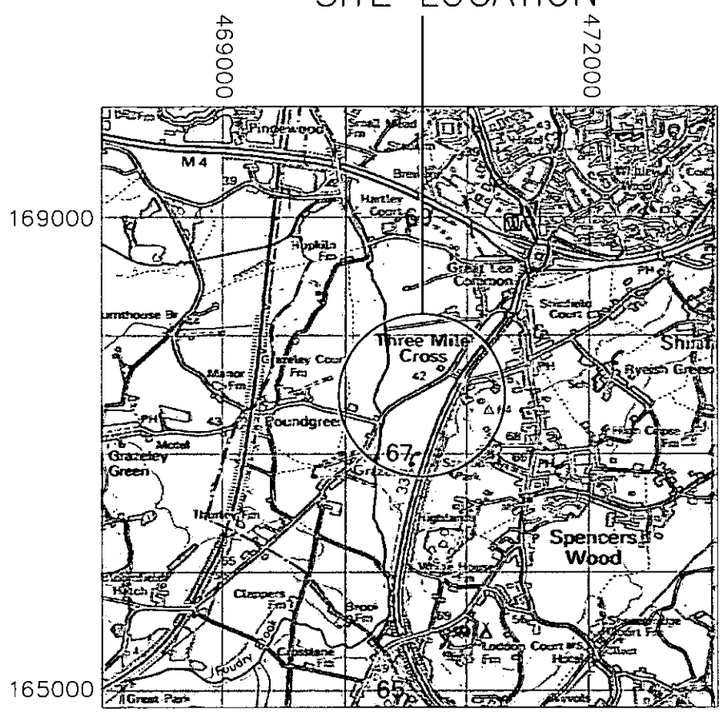
SITE LOCATION



GENERAL LOCATION PLAN

H3G Contractors access & maintenance route

SITE LOCATION

SUPERSEDED

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-112

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details

Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12B27
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route

Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details

Height:- 16m
Type:- Monopole (Eve)
Hutchison Ref:- Special monopole with special 'frame' type headframe 3.5m long
Colour:- Olive Green BS12B27

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	600ø	15.70m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	12.9m	2233	45°	20m
C1	2.0m	13.2m	2233	190°	20m
C2	2.0m	13.2m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone

H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
Total Communications Infrastructure
1 New Abbey Court, 35 Street Street, Abingdon, Oxon, OX14 3JF, UK
P.O. Box 350 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 465000
Facsimile +44 (0) 1235 465001
www.tciglobal.com

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE LOCATION PLAN

Purpose of Issue: PLANNING

Drawing no.: 00188680-113

Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN	Checked: JYW	Date: 12.12.02
B	Drn: TM Date: 12.12.01	Approved: JKM	Date: 12.12.02

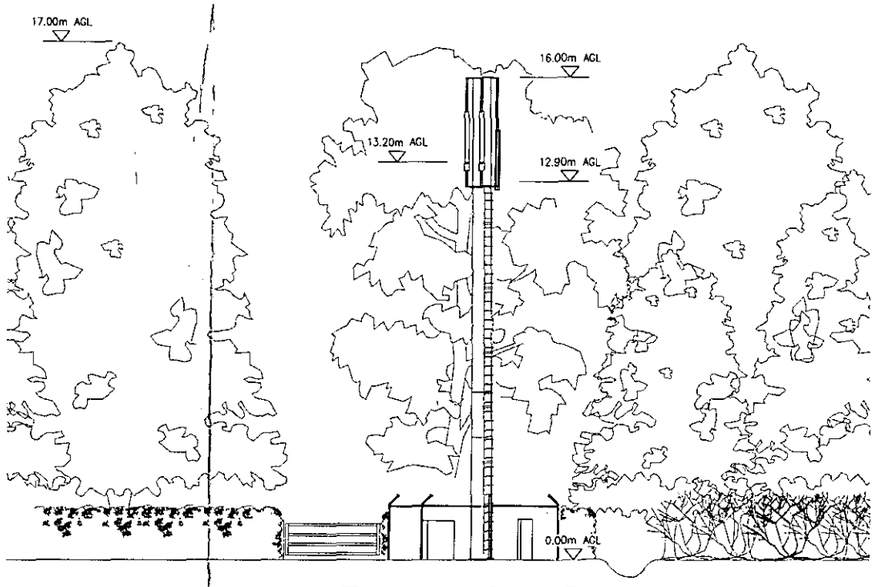
Consultant ref no: H3G-0055

ORIGINAL SIZE - A3

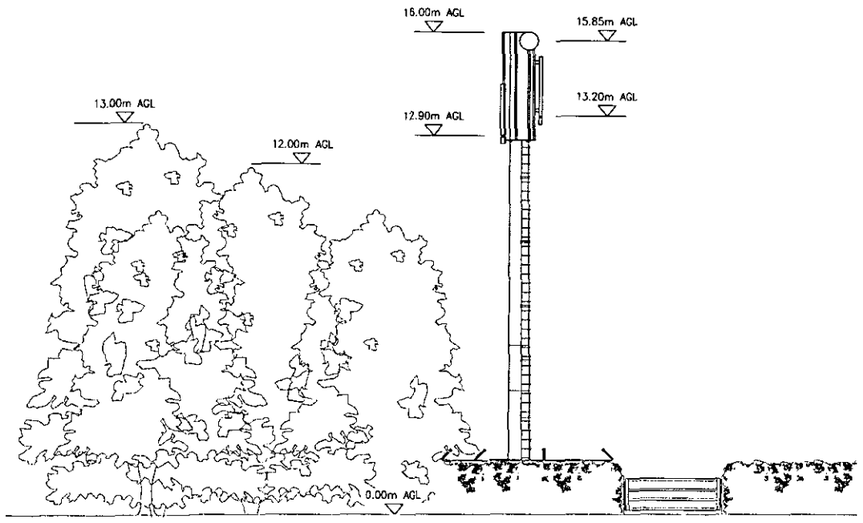
01.MAR2002



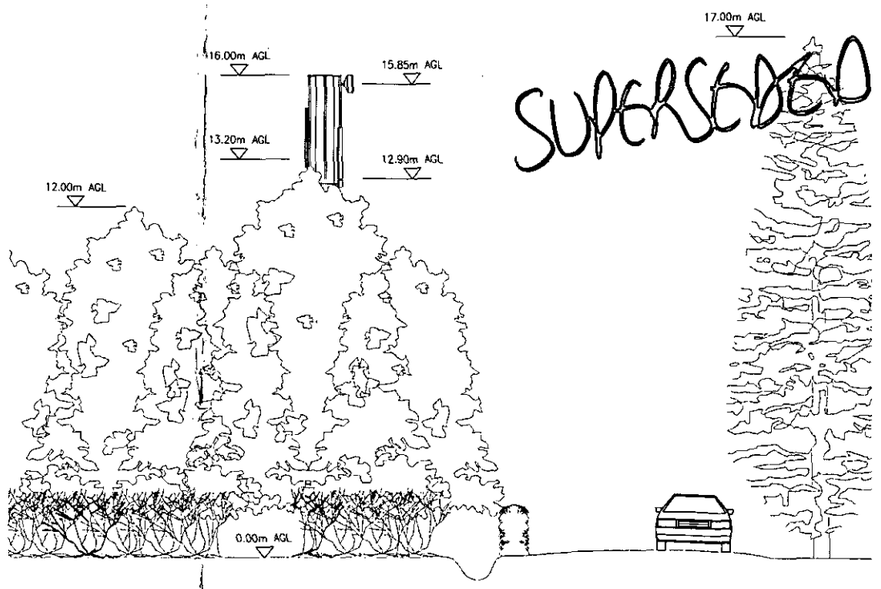
SITE PHOTOGRAPH A



ELEVATION D
SCALE: 1:200



ELEVATION B
SCALE: 1:200



SUPERSEDED

ELEVATION C
SCALE: 1:200

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-114
00188680-111
00188680-113

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:– NEC Node B Outdoor Cabinet
Dimensions:– 1.8 x 0.9 x 1.3m High
Colour:– Olive Green BS12B27
Meter cabinet – 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:– 16m
Type:– Monopole (Eve)
Hutchison Ref:– Special monopole with special 'frame' type headframe 3.5m long
Colour:– Olive Green BS12B27

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	600ø	15.70m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	12.9m	2233	45°	20m
C1	2.0m	13.2m	2233	190°	20m
C2	2.0m	13.2m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	28.01.02	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 85 Street Street, Abingdon, Oxon. OX14 3JF. UK
P.O. Box 280 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 [illegible]
Facsimile +44 (0) 1235 [illegible]
www.tcigi.com.au

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATIONS

Purpose of issue: PLANNING

Drawing no. 00188680–114

Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN	Checked: JYW	Date: 12.02.02
B	Drn: CJM Date: 28.01.02	Approv: JKM	Date: 12.02.02

Consultant ref no: H3G–0055

ORIGINAL SIZE - A3

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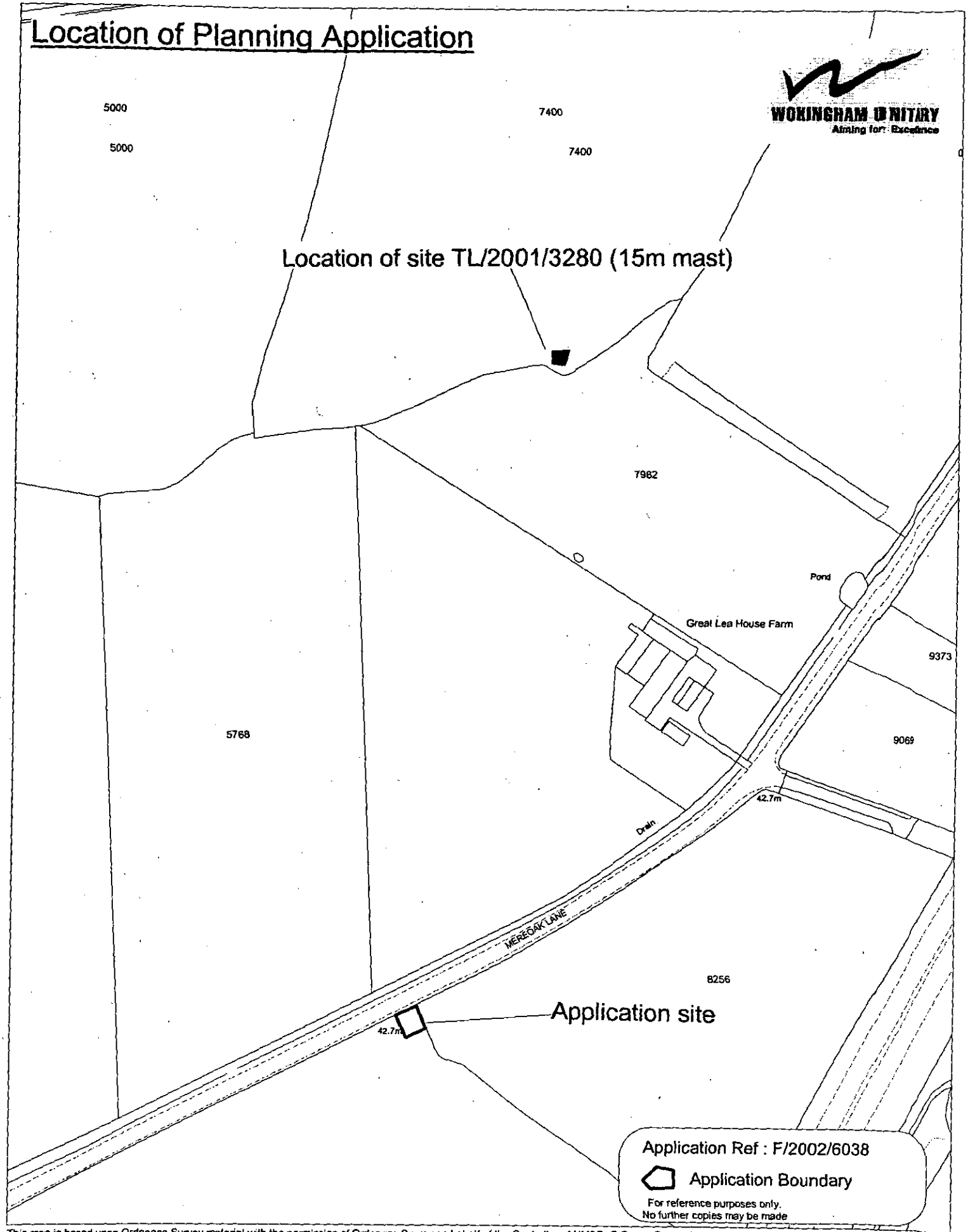
Location of Planning Application



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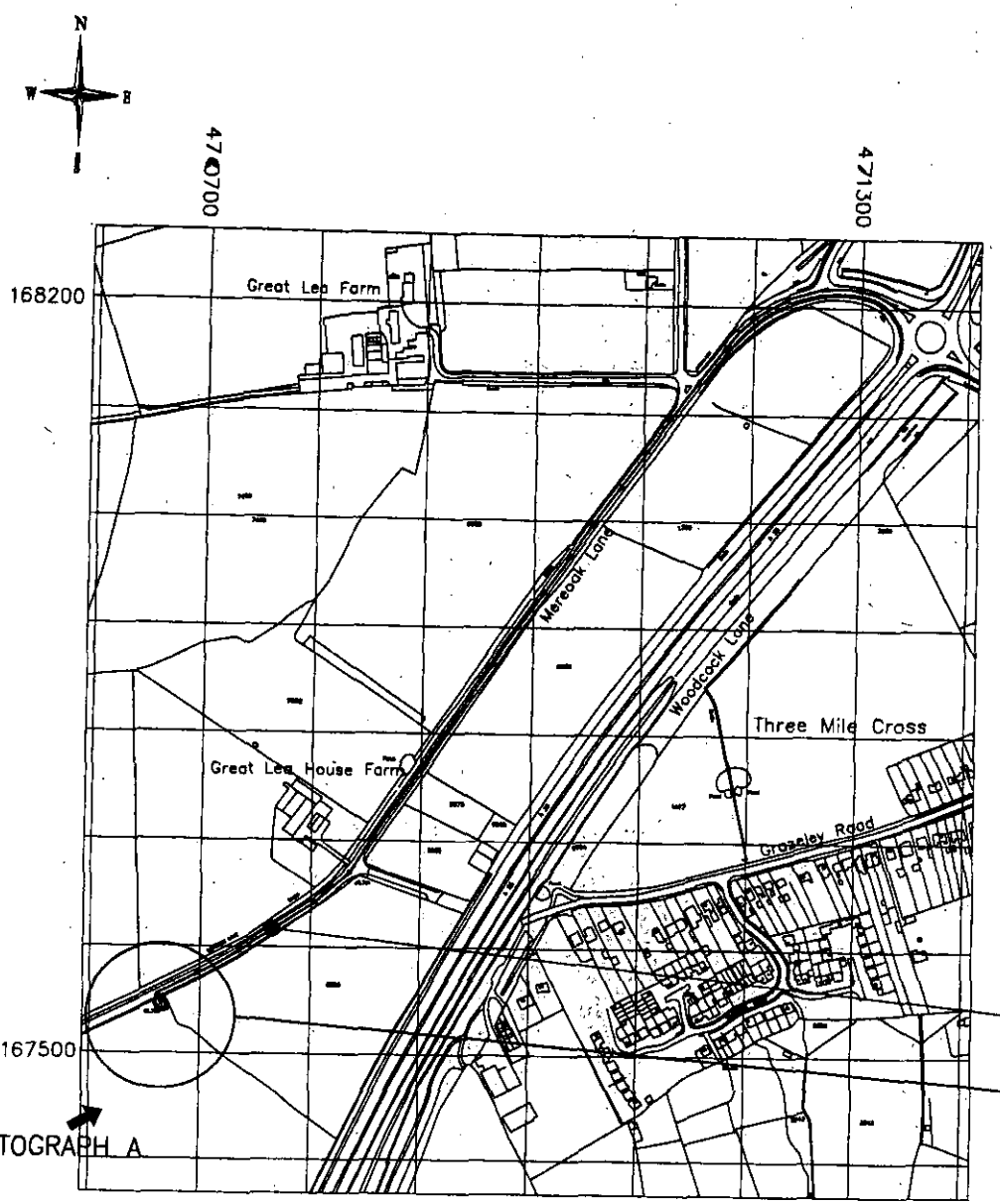
Development Control,Wokingham District Council.
13 November 2002

Scale: 1 : 2500

N
W E
S

REVISED PLAN

6038



H3G Contractors access & maintenance route

SITE LOCATION

SITE LOCATION

Ordnance Survey map extract.

O.S. co-ordinates 470668/167545

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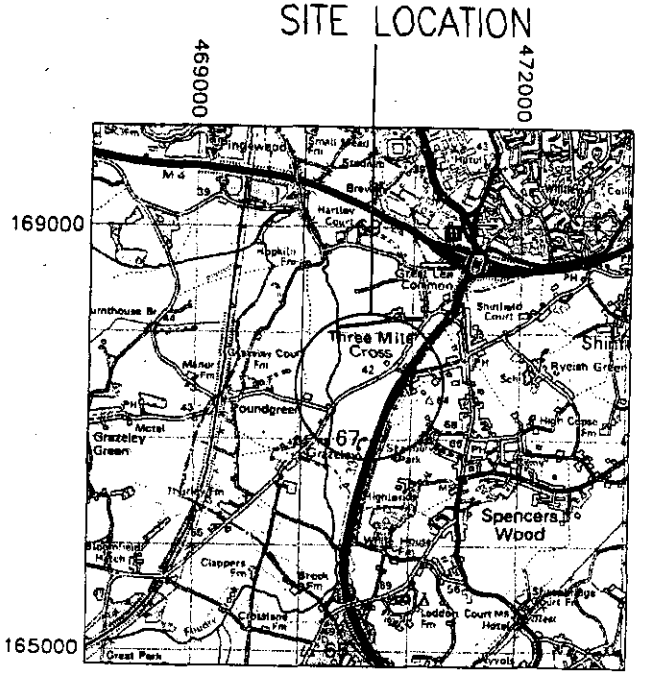
SITE LOCATION



GENERAL LOCATION PLAN

PLANNING SERVICES | HPT | TLS | ENF

25 APR 2002

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-112
00188680-114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12827
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A3. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:- 18m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC2BDT with special headframe 2.8m long.
Colour:- Natural timber.

Proposed Transmission Details

	Size	Hgt	Type	Orientation
No.	300#	15.85m		F TBC
DRL 1				
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	19.03.02	ISSUED FOR PLANNING	JYW	JKM
A5	13.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	28.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	18.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	10.11.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 766 000 Fax: 01628 766 001
H3G Site Station Information line: 0845 6043000
Available from 10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Adam Court, 50 Derby Street, Ashcroft, Oxon. OX14 3JP, UK
P.O. Box 300 Ashcroft B.C. OX14 3XU
Telephone +44 (0) 1235 [illegible]
Facsimile +44 (0) 1235 [illegible]
www.tci.com

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE LOCATION PLAN

Purpose of Issue: PLANNING

Drawing No: 00188680-113

Site ID: 00188680

Nominal ID: RG4027

Issue: B1 | Scale: AS SHOWN | Drawn: JYW | Date: 12.12.01 | Checked: JYW | Date: 12.12.01 | Approved: JKM | Date: 12.12.01

Consultant ref no: H3G-0055

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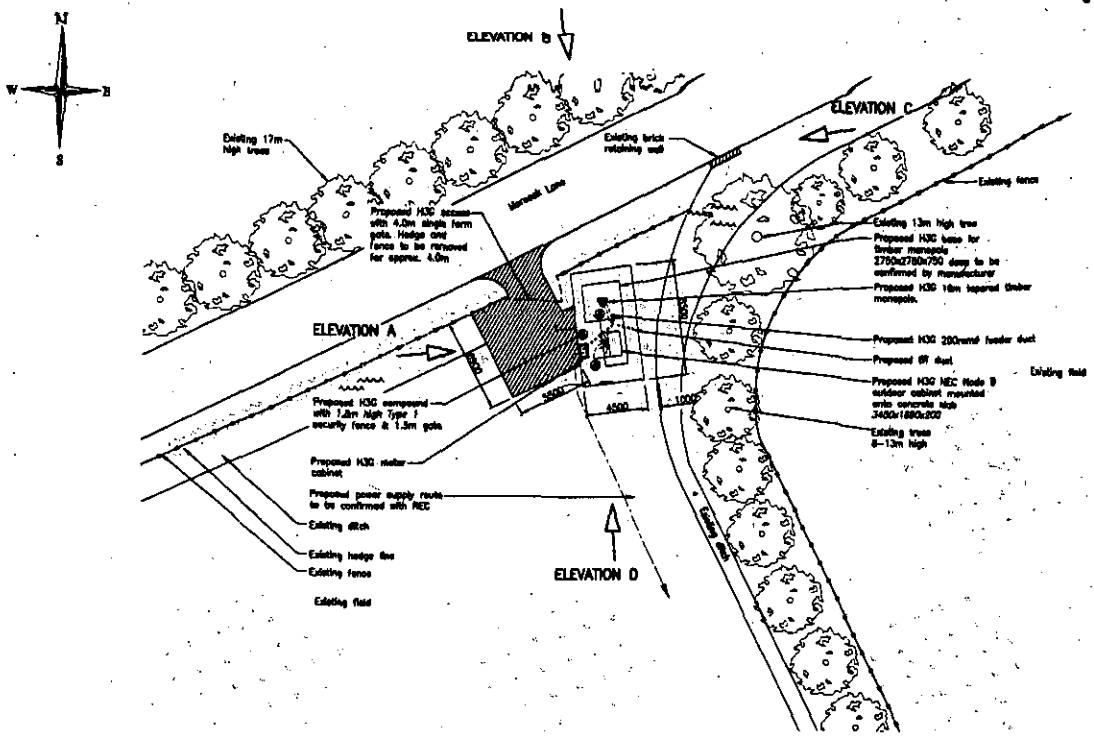
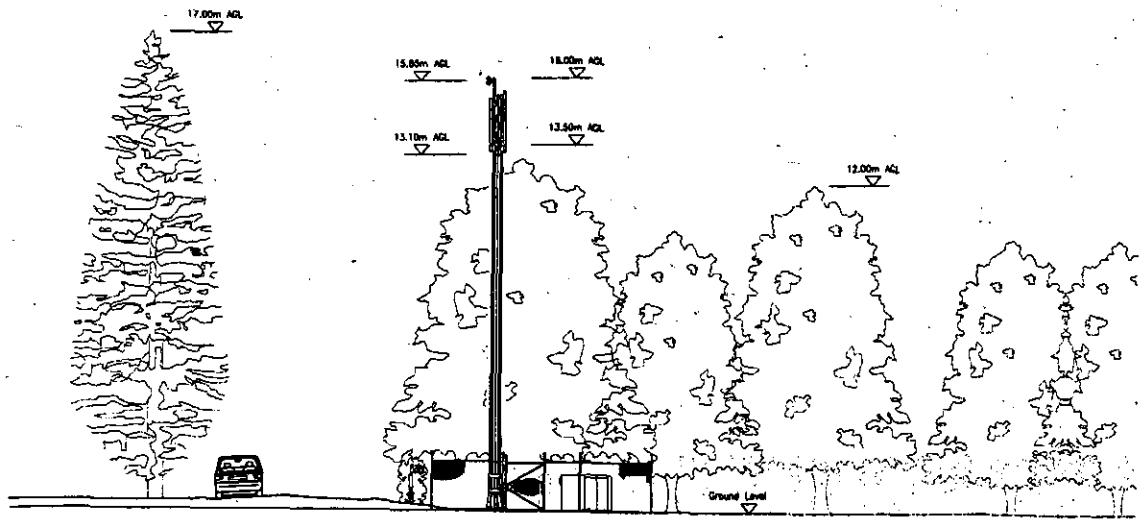
REVISED PLAN

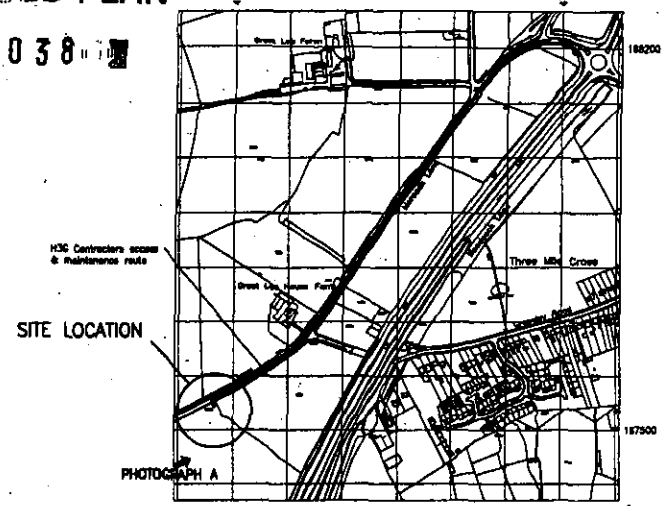
6038



SITE PLAN
SCALE: 1:200



ELEVATION A
SCALE: 1:100



SITE LOCATION

Ordnance Survey map extract
O.S. co-ordinates 470668/167545
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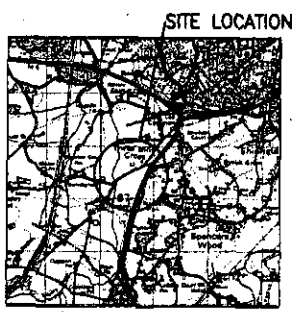
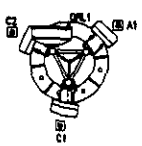
SITE PHOTOGRAPH A



GENERAL LOCATION PLAN



TOWER DETAIL PLAN
SCALE: 1:20

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

NOTES

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1.2 All dimensions are in mm unless otherwise specified.

1.3 Assume all site details are existing unless otherwise specified.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.8 x 1.3m High
Colour:- Olive Green BS12B27
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access/Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Marsack Lane.

Proposed Tower Details
Height:- 16m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:- Natural Timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300Ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G's Exclusion Zones comply with ICNIRP's Public Exposure limits

B1	17.04.08	TOWER TYPE CHANGED	JYW	JKM
B	16.04.08	ISSUED FOR PLANNING	JYW	JKM
A5	10.03.08	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.03.08	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.08	REVISED TO H3G COMMENTS	JYW	JKM
A2	16.01.08	REVISED TO H3G COMMENTS	JYW	JKM
A1	10.12.07	ISSUED FOR COMMENTS	JYW	JKM
REV.	DATE	DESCRIPTION	CHK	APP

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 752 000 Fax: 01628 768 224
H3G Store Station Information line: 0845 6041000
Available from 1.00pm 7 days a week

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 99 Vine Street, Abingdon, Oxon, OX14 3JF, UK
P.O. Box 350 Abingdon, OX14 3XL
Tel/Voice +44 (0) 1235 555 0
Fax +44 (0) 1235 555 0
www.tcigroup.com

Site	DIDDENHAM MANOR FARM SPENCERS WOOD BERKSHIRE RG7 1LZ
Title	GENERAL ARRANGEMENT
Purpose of Issue	PLANNING
Drawing no.	00188680-101
Site ID:	00188680
Nominal ID:	RG4027
Issue	B1
Scale	AS SHOWN
Size	A1
Date	12.12.07
Drawn	JMW
Checked	JKM
Date	16.04.08
Consultant	H3G_0048

PLANNING ISSUE

		APPROVED	REJECTED	DATE
PDL				
DC				
APP	ACQUISITION			
GS	CONSTRUCTION			
	RADIO			
	TRANSMISSION			

25 APR 2008

LEGEND

- Site
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Ground Area
- Proposed Cable Tray

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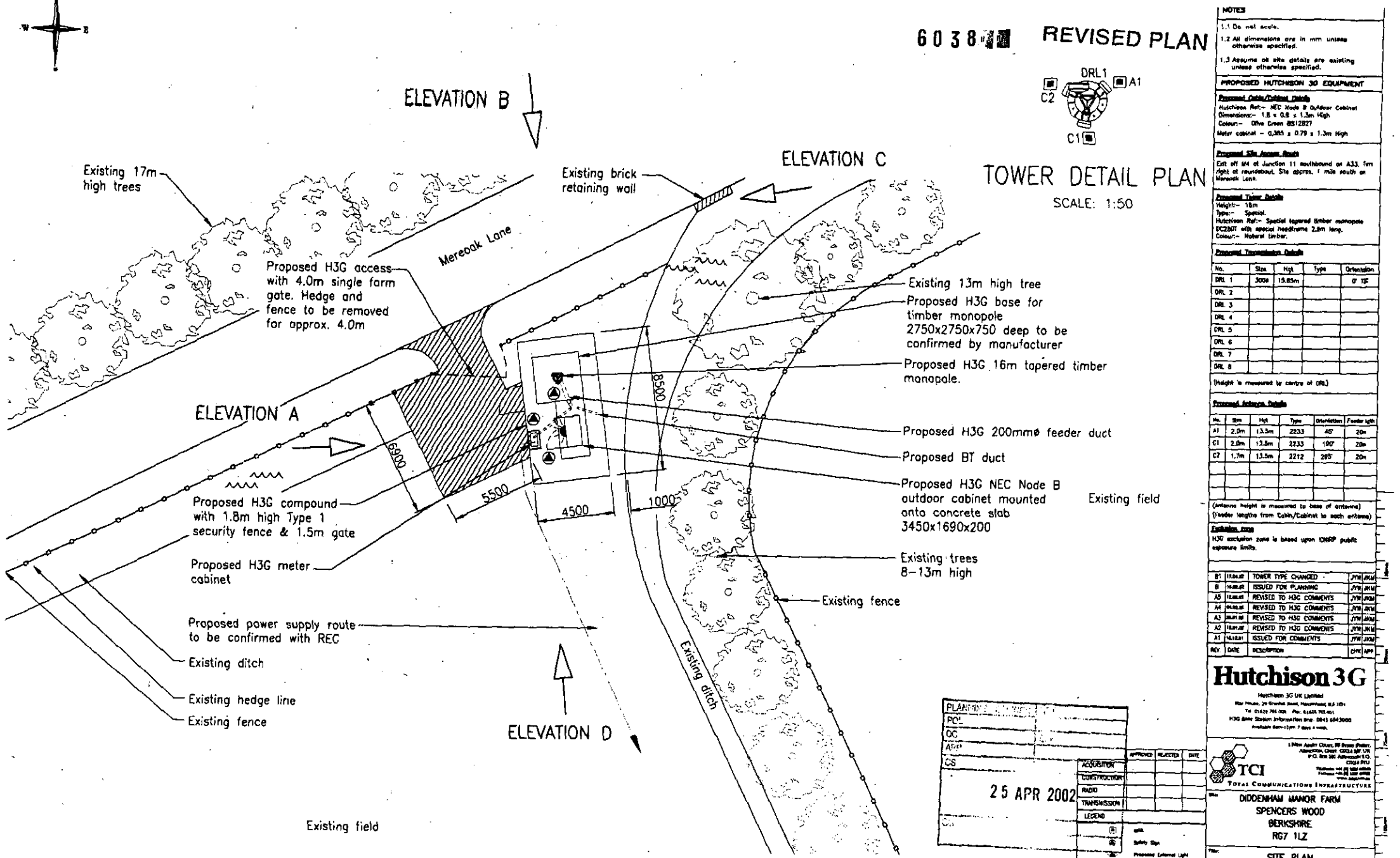

SITE PLAN
SCALE: 1:200

TOWER DETAIL PLAN
SCALE: 1:50

6038[illegible] REVISED PLAN

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cable/Cabinet Details
Hutchison Ref:– NEC Node B Outdoor Cabinet
Dimensions:– 1.8 x 0.8 x 1.3m High
Colour:– Olive Green BS12B27
Meter cabinet – 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. 1m right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:– 16m
Type:– Special.
Hutchison Ref:– Special tapered timber monopole DC28OT with special headframe 2.8m long.
Colour:– Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TN
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder Lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion Zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	11.04.02	TOWER TYPE CHANGED	JYH	JKM
B	14.03.02	ISSUED FOR PLANNING	JYH	JKM
A5	12.03.02	REVISED TO H3G COMMENTS	JYH	JKM
A4	04.03.02	REVISED TO H3G COMMENTS	JYH	JKM
A3	28.01.02	REVISED TO H3G COMMENTS	JYH	JKM
A2	18.01.02	REVISED TO H3G COMMENTS	JYH	JKM
A1	14.12.01	ISSUED FOR COMMENTS	JYH	JKM

PLANNING
PD
QC
AD
CS
25 APR 2002
CE

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND
Safety Sign
Proposed External Light
Proposed Earth Pit
Proposed Power Route
Existing Power
Existing Water
Existing BT
Existing Overhead Cables
Existing Wooden Fence
Proposed Access Track
Proposed Gravel Area
Proposed Cable Tray

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680–101
00188680–112
00188680–113
00188680–114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

Hutchison 3G
Hutchison 3G UK Limited
[illegible]
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information Line: 0845 6043000
Available 8am–11pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
[illegible]

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE PLAN

Purpose of Issue: PLANNING

Drawing no.: 00188680–111

Site ID: 00188680

Structural ID: RG4027

Issue: B1 | Scale: AS SHOWN | Checked: JYH | Date: 12.02.02
Dim. No. | Date: 13.12.01 | Approved: JKM | Date: 12.02.02

Consultant ref. no.: H3G–0055

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ORIGINAL SIZE – A1



SITE PHOTOGRAPH A

17.00m AGL

15.85m AGL

16.00m AGL

13.10m AGL

13.50m AGL

12.00m. AGL

Ground Level

ELEVATION A
SCALE: 1:100

REVISED PLAN

6038

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-113
00188680-114

NOTE:
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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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.8 x 1.3m High
Colour:- Olive Green BS12627
Meter cabinet - 0.385 x 0.78 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:- 18m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC2801 with special headframe 2.9m long.
Colour:- Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	180°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

B1	17.04.02	TOWER TYPE CHANGED	JYW JKW
B	15.03.02	ISSUED FOR PLANNING	JYW JKW
A5	13.03.02	REVISED TO H3G COMMENTS	JYW JKW
A4	04.03.02	REVISED TO H3G COMMENTS	JYW JKW
A3	25.01.02	REVISED TO H3G COMMENTS	JYW JKW
A2	18.01.02	REVISED TO H3G COMMENTS	JYW JKW
A1	19.12.01	ISSUED FOR COMMENTS	JYW JKW
REV.	DATE	DESCRIPTION	CHK APP

PLANNING
PCN
CONS
MAN

25 APR 2002

COPIES TO:

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			
LEGEN			

- MH
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Meter
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6943000
Switchboard hours 10am-7 days a week.
1 New Austin Court, 39 Eagle Street, Aylesbury, Bucks, HP20 1DP, UK
P.O. Box 299, Aylesbury, HP20 1XJ
UK VAT REG

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATION

Purpose of issue: PLANNING

Drawing no.: 00188680-112

Site id: 00188680

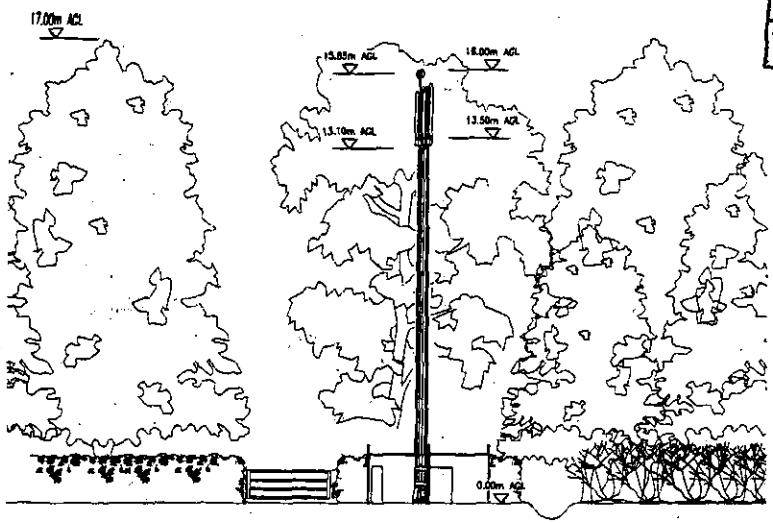
Network ID: RG4027

Issue: B1 | Scale: AS SHOWN | Drawn: TM | Date: 12.12.01 | Checked: JYW | Date: 17.04.02 | Approved: JKW | Date: 17.04.02

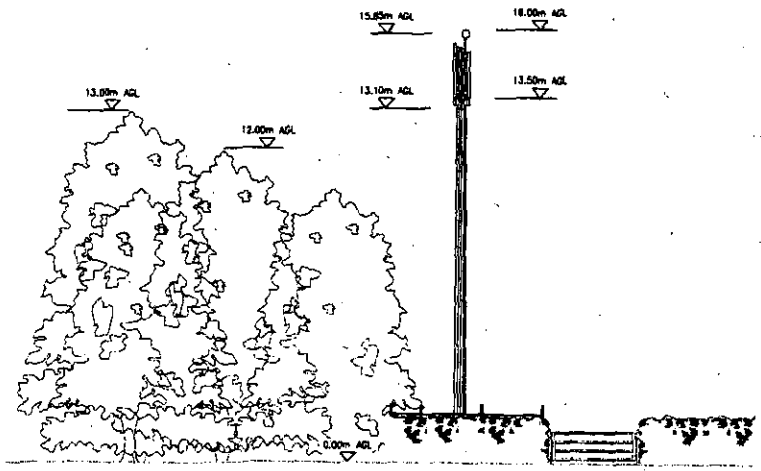
Consultant ref. no.: H3G-0055



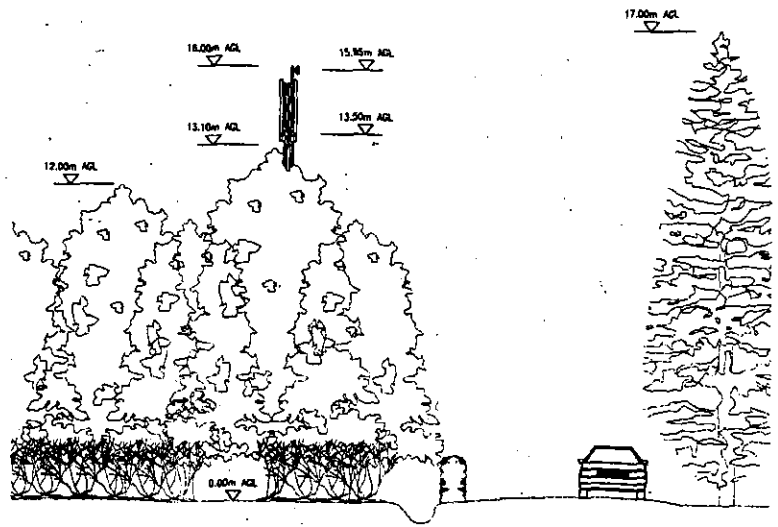
SITE PHOTOGRAPH A



ELEVATION D
SCALE: 1:200



ELEVATION B
SCALE: 1:200



ELEVATION C
SCALE: 1:200

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POL	TLS
DC	ENF
APP	
CI	

25 APR 2002

CI

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details

Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12B27
GPDP Cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route

Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details

Height:- 18m
Type:- Special
Hutchison Ref:- Special tapered timber monopole DCE803 with special headframe 2.9m long.
Colour:- Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone

H3G exclusion zone is based upon ICNIRP public exposure limits.

REVISED PLAN

6038

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-112
00188680-113

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKH
B	11.04.02	ISSUED FOR PLANNING	JYW	JKH
A5	13.03.02	REVISED TO H3G COMMENTS	JYW	JKH
A4	04.03.02	REVISED TO H3G COMMENTS	JYW	JKH
A3	28.01.02	REVISED TO H3G COMMENTS	JYW	JKH
A2	14.01.02	REVISED TO H3G COMMENTS	JYW	JKH
A1	09.01.02	ISSUED FOR COMMENTS	JYW	JKH

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Notice Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Ground Area

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 766 000 Fax: 01628 765 001
H3G Base Station Information Line: 0845 604 3000
Available from 9.00am-7.00pm a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATIONS

Purpose of Issue: PLANNING

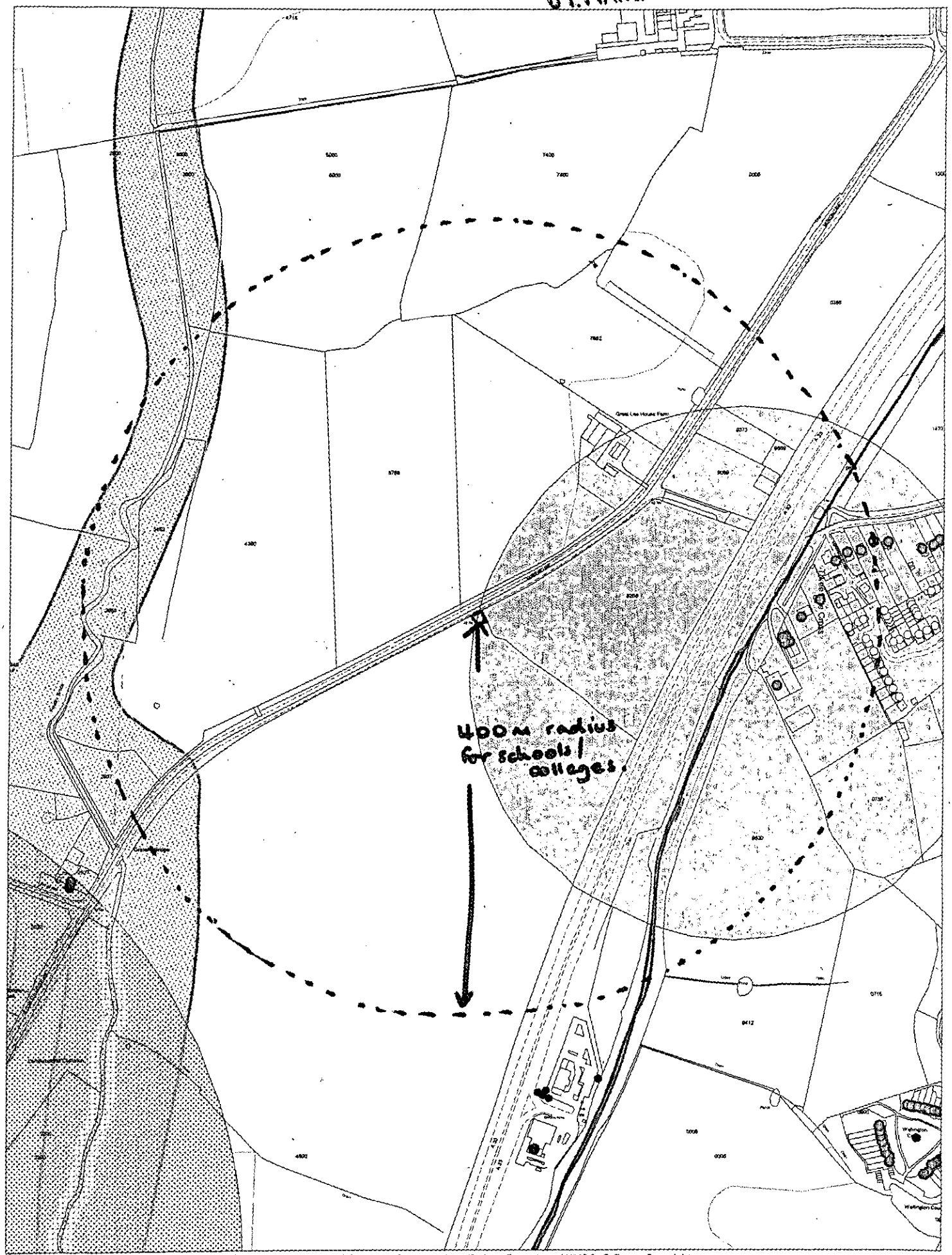
Drawing no: 00188680-114

Site ID: 00188680

Structure ID: RG4027

Issue: B1 | Scale: AS SHOWN | Drawn: JYW | Date: 15.04.02 | Check: JKH | Date: 15.04.02

01.MAR2002* 6038



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Development Control Section, Environmental Services, Wokingham District Council.
6 March 2002

Scale: 1 : 5000

N
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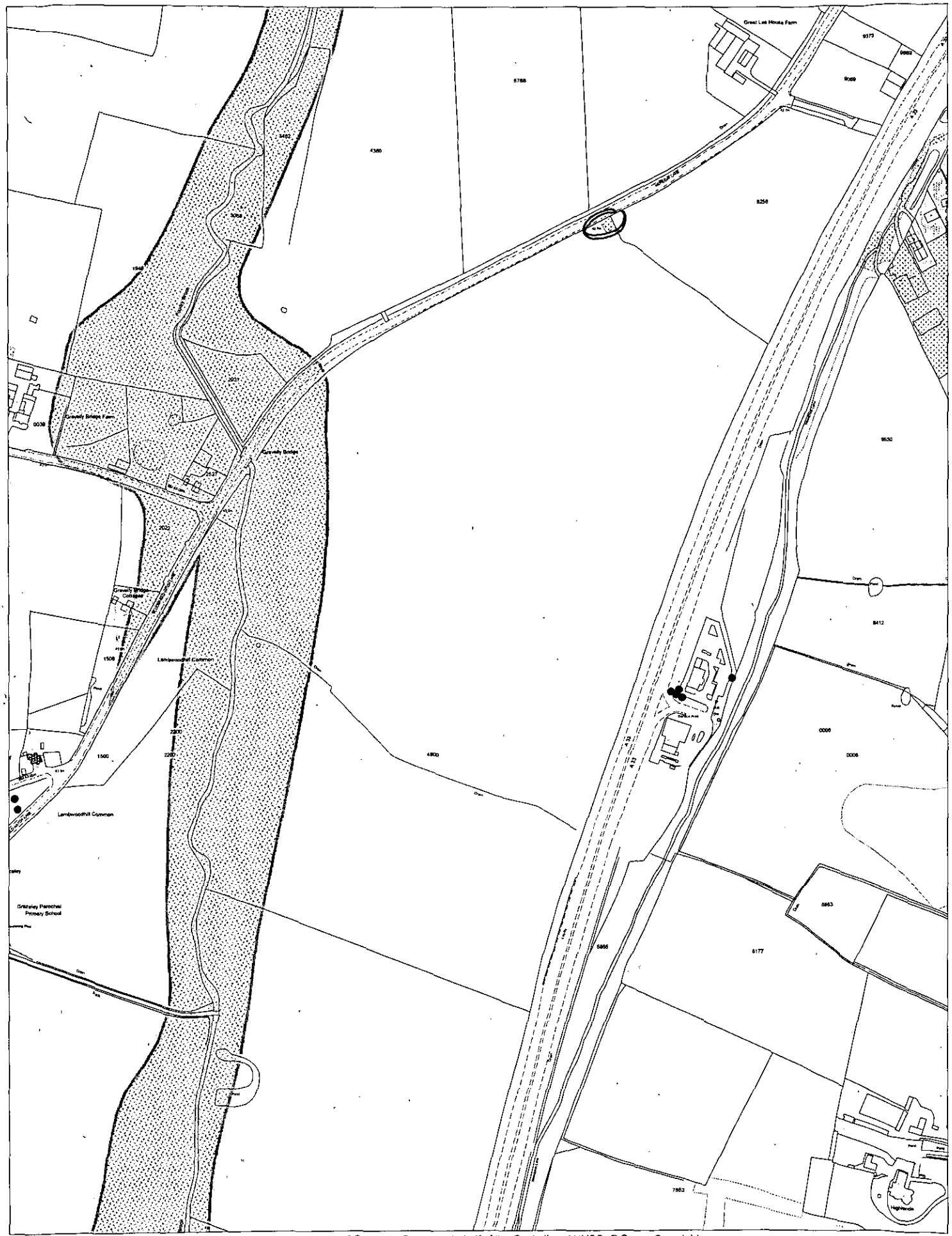

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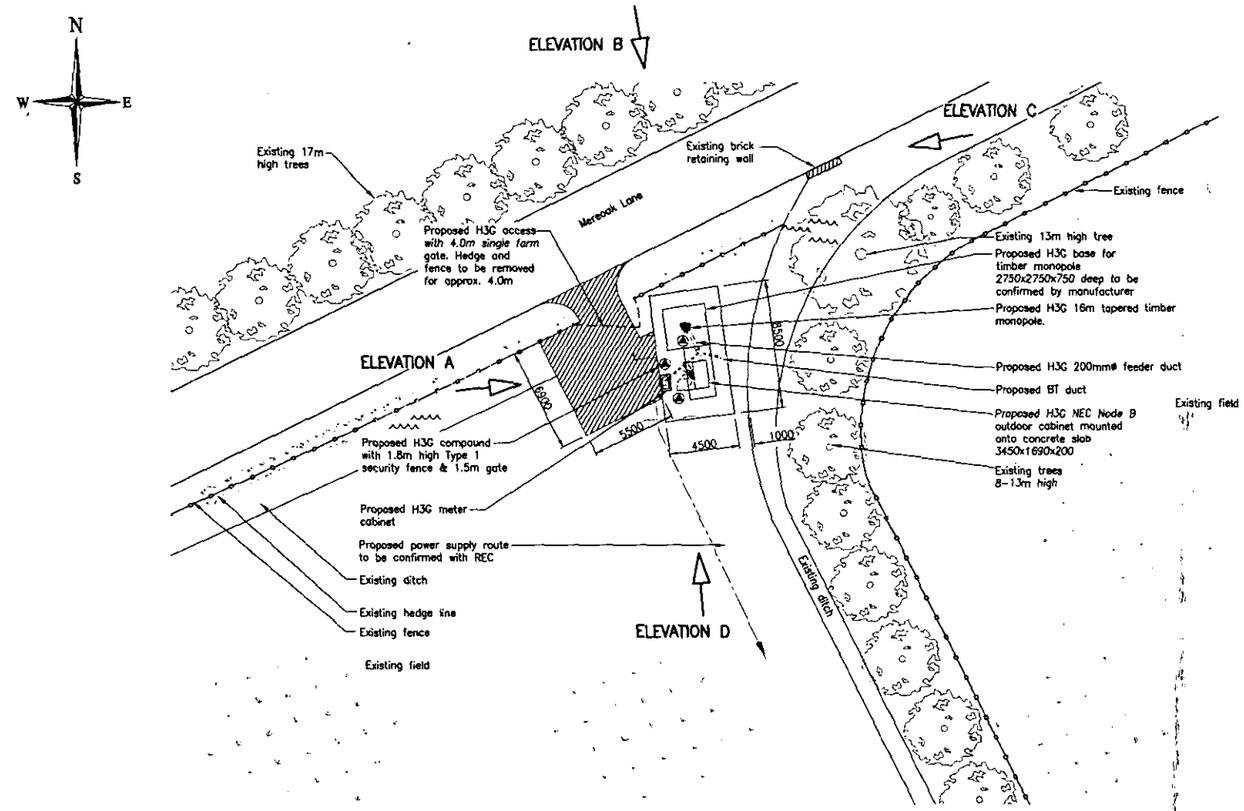
Development Control,Wokingham District Council.
11 November 2002

Scale: 1 : 5000

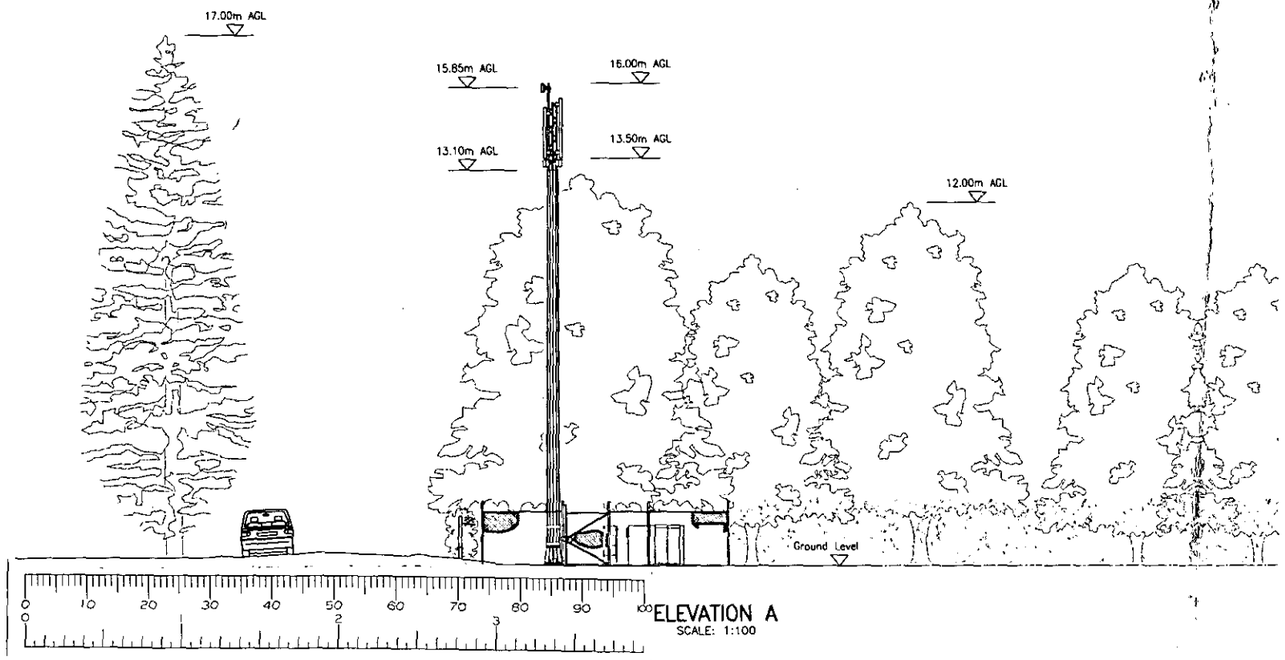
N
W E
S

REVISED PLAN

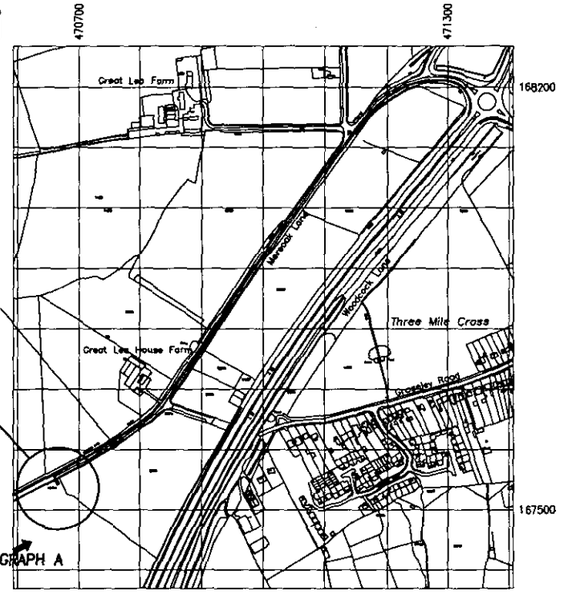
6038



SITE PLAN
SCALE: 1:200



ELEVATION A
SCALE: 1:100



SITE LOCATION

Ordnance Survey map extract.
O.S. co-ordinates 470668/167545
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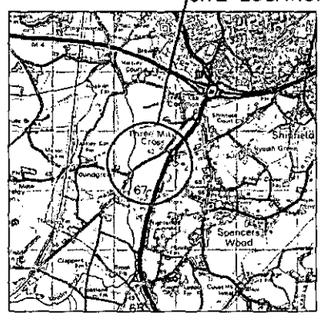
REFUSED

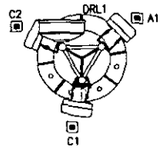


SITE PHOTOGRAPH A

SITE LOCATION



GENERAL LOCATION PLAN



TOWER DETAIL PLAN
SCALE: 1:20

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

PLANNING OFFICER
PCL
DC
APP
CS

25 APR 20

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details

Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12B27
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access/Route

Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details

Height:- 16m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:- Natural Timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300#	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone

H3G's Exclusion Zones comply with ICNIRP's Public Exposure limits

B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM
REV.	DATE	DESCRIPTION	CHK	APP

Hutchison 3G

Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
UNIT ABBEY COURT, 55 STERT STREET, ABINGDON, OXON, OX14 3JF, UK
P.O. BOX 350, ABINGDON, OX14 5XU

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: GENERAL ARRANGEMENT

Purpose of Issue: PLANNING

Drawing no.: 00188680-101

Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN		Checked: JYW	Date: 12.02.02
B1	Drn: TM	Date: 12.12.01	Approved: JKM	Date: 12.02.02

Consultant ref no: H3G-0055

ORIGINAL SIZE - A1

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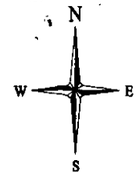
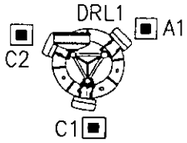
6038

REVISED PLAN





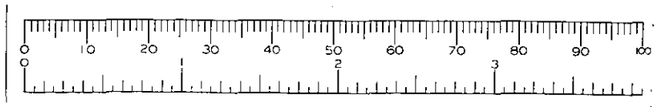
TOWER DETAIL PLAN

SCALE: 1:50

REFUSED

SITE PLAN

SCALE: 1:200



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NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680–101
00188680–112
00188680–113
00188680–114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

	APPROVED	REJECTED	DATE
PLANNING			
POL			
DC			
APP			
CS			
	25 APR 2002		
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:– NEC Node B Outdoor Cabinet
Dimensions:– 1.8 x 0.9 x 1.3m High
Colour:– Olive Green BS12B27
Meter cabinet – 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:– 16m
Type:– Special.
Hutchison Ref:– Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:– Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 55 Stert Street, Abingdon, Oxon. OX14 3JF. UK
P.O. Box 350 Abingdon S.O. OX14 5XU
Tel number +44 (0) 1235 468600
Facsimile +44 (0) 1235 468601
www.tciplc.com

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE PLAN

Purpose of Issue: PLANNING

Drawing no. 00188680–111

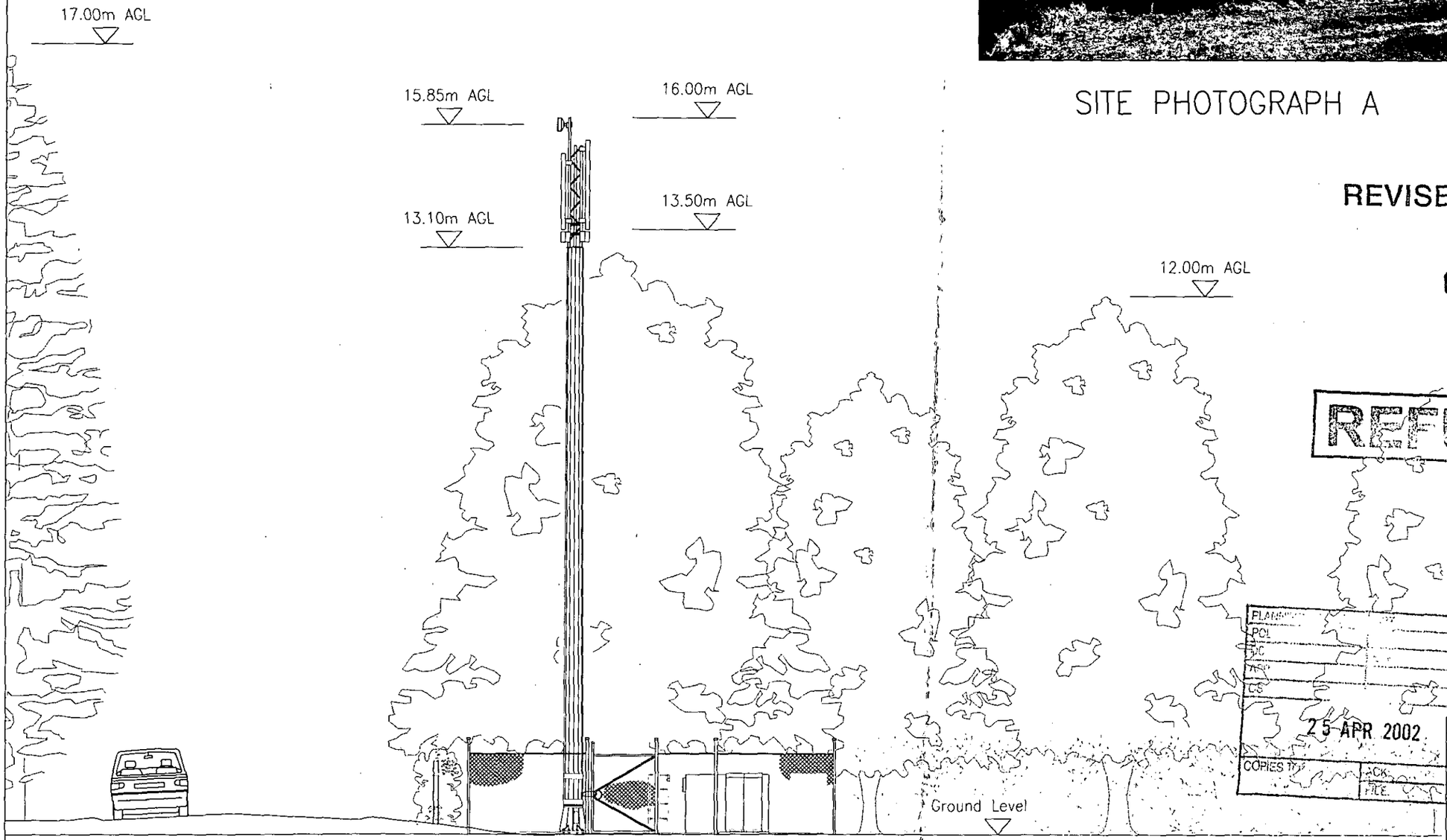
Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN	Checked: JYW	Date: 12.02.02
B1	Drn: TM	Date: 12.12.01	Approv: JKM	Date: 12.02.02

Consultant ref no: H3G–0055

125mm 50mm 75mm 100mm 125mm ORIGINAL SIZE – A3





SITE PHOTOGRAPH A

REVISED PLAN

6038

REFUSED

25 APR 2002

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
- Proposed Cable Tray

ELEVATION A

SCALE: 1:100

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-113
00188680-114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

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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.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node 8 Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12B27
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Mereoak Lane.

Proposed Tower Details
Height:- 16m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:- Natural timber.

Proposed Transmission Details

No.	Size	Hgt	Type	Orientation
DRL 1	300ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
DRL 8				

(Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
C1	2.0m	13.5m	2233	190°	20m
C2	1.7m	13.5m	2212	295°	20m

(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM

Hutchison 3G
Hutchison 3G UK Limited
Star House, 20 Grenfell Road, Maidenhead, SL6 1EH
Tel: 01628 765 000 Fax: 01628 765 001
H3G Base Station Information line: 0845 6043000
Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 55 Stert Street, Abingdon, Oxon. OX14 3JF, UK
P.O. Box 350 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 [illegible]
Facsimile +44 (0) 1235 [illegible]
www.tcipl.com.au

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE ELEVATION

Purpose of issue: PLANNING

Drawing no. 00188680-112

Site ID: 00188680

Nominal ID: RG4027

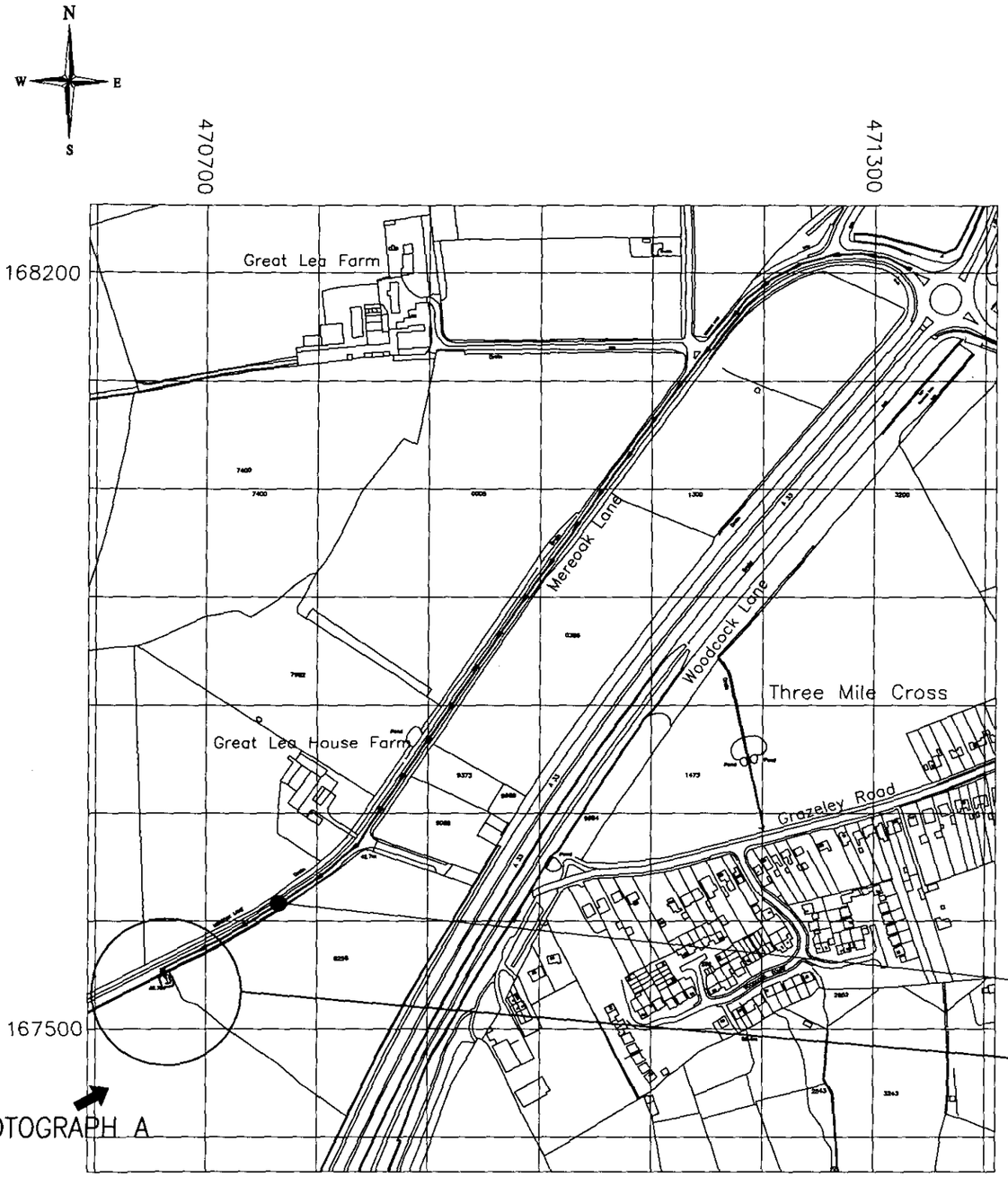
Issue:	Scale: AS SHOWN		Checked: JYW	Date: 12.02.02
B1	Drn: TM	Date: 12.12.01	Approv: JKM	Date: 12.02.02

Consultant ref no: H3G-0055

ORIGINAL SIZE - A3

REVISED PLAN

6038



SITE LOCATION

Ordnance Survey map extract.

O.S. co-ordinates 470668/167545

Based upon Ordnance Survey at 1:5000
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0 10 20 30 40 50 60 70 80 90 100

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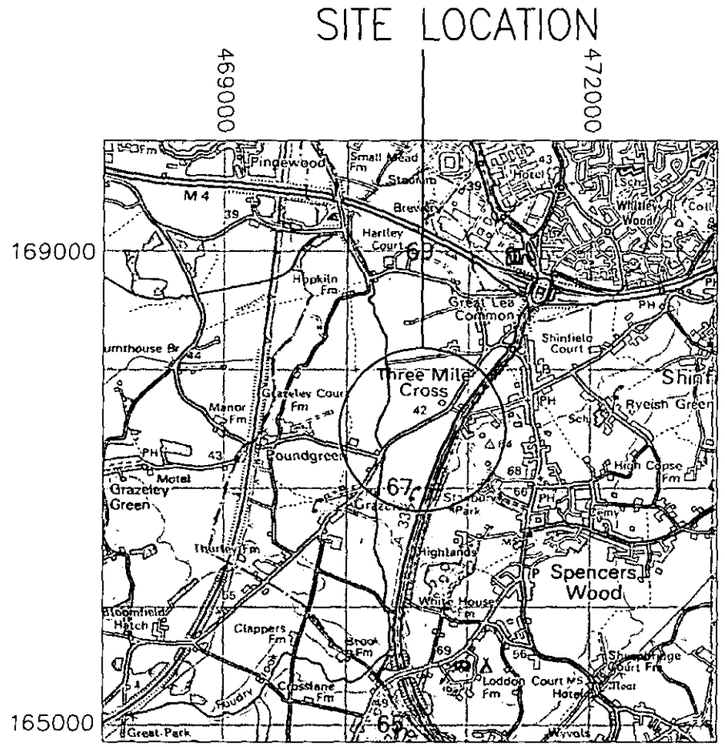
SITE LOCATION



GENERAL LOCATION PLAN

REFUSED

H3G Contractors access & maintenance route

SITE LOCATION

PLANNING SERVICES	HPT
POL	TLS
DC	ENF
APP	
CS	

25 APR 2002

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth PR
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Grower Area
- Proposed Cable Tray

NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680-101
00188680-111
00188680-112
00188680-114

NOTE:
THE USE OF COLOURED LINES ON THIS DRAWING REPRESENTS PROPOSED WORKS AND NOT THE COLOURS OF H3G'S EQUIPMENT.

NOTES

1.1 Do not scale.

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1.3 Assume all site details are existing unless otherwise specified.

PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:- NEC Node B Outdoor Cabinet
Dimensions:- 1.8 x 0.9 x 1.3m High
Colour:- Olive Green BS12827
Meter cabinet - 0.385 x 0.79 x 1.3m High

Proposed Site Access Route
Exit off M4 at Junction 11 southbound on A33. Turn right at roundabout. Site approx. 1 mile south on Meredock Lane.

Proposed Tower Details
Height:- 16m
Type:- Special.
Hutchison Ref:- Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:- Natural timber.

Proposed Transmission Details

	Size	Hgt	Type	Orientation
No.	300ø	15.85m		0° TBC
DRL 1				
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				

DRL ø (Height is measured to centre of DRL)

Proposed Antenna Details

No.	Size	Hgt	Type	Orientation	Feeder lgth
A1	2.0m	13.5m	2233	45°	20m
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(Antenna height is measured to base of antenna)
(Feeder lengths from Cabin/Cabinet to each antenna)

Exclusion zone
H3G exclusion zone is based upon ICNIRP public exposure limits.

B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
B	19.02.02	ISSUED FOR PLANNING	JYW	JKM
A5	12.03.02	REVISED TO H3G COMMENTS	JYW	JKM
A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	18.12.01	ISSUED FOR COMMENTS	JYW	JKM
REV.	DATE	DESCRIPTION	CHK	APP

Hutchison 3G
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Available 8am-10pm 7 days a week.

TCI
TOTAL COMMUNICATIONS INFRASTRUCTURE
1 New Abbey Court, 55 Ock Street, Abingdon, Oxon. OX14 5SF. UK.
P.O. Box 350 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 466000
Facsimile +44 (0) 1235 466001
www.tcigroup.com

Site: DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title: SITE LOCATION PLAN

Purpose of issue: PLANNING

Drawing no. 00188680-113

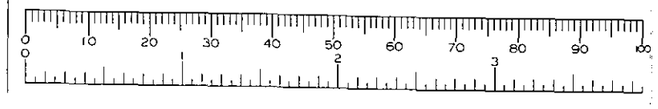
Site ID: 00188680

Nominal ID: RG4027

Issue:	Scale: AS SHOWN	Checked: JYW	Date: 12.02.02
B1	Drn: TM	Date: 12.12.01	Approv: JKM	Date: 12.02.02

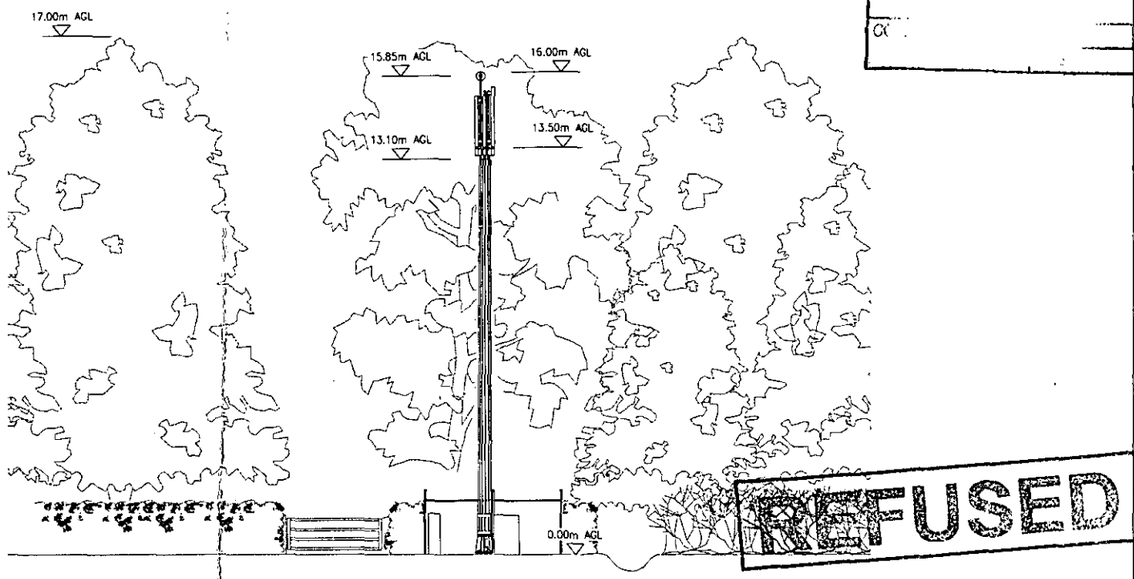
Consultant ref no: H3G-0055

ORIGINAL SIZE - A3





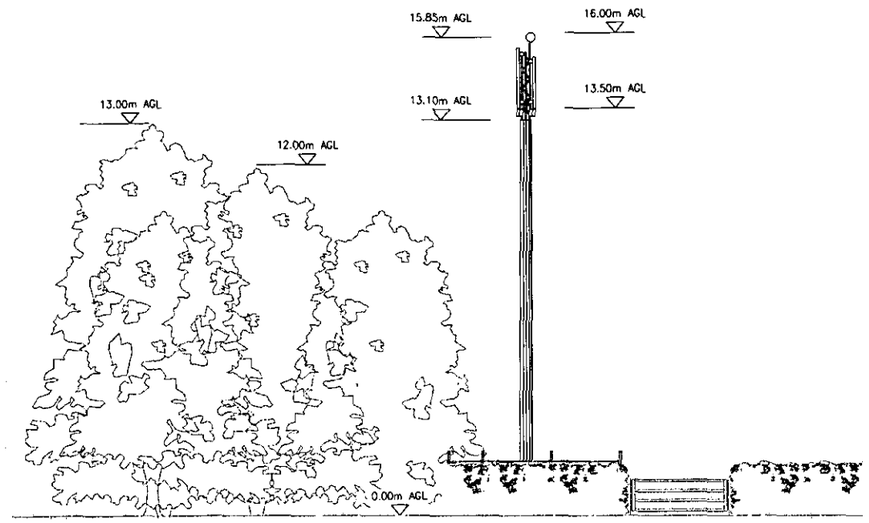
SITE PHOTOGRAPH A



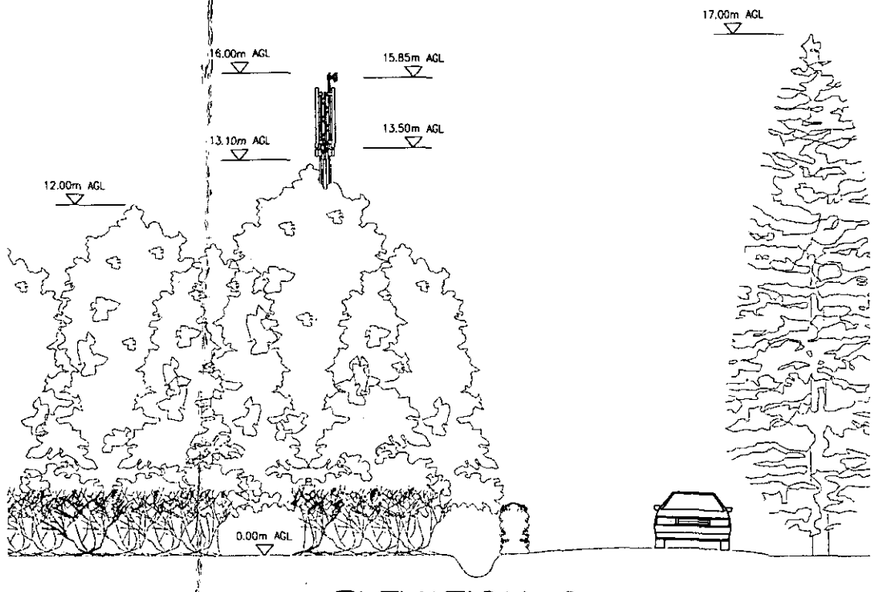
ELEVATION D
SCALE: 1:200

REVISED PLAN

6038



ELEVATION B
SCALE: 1:200



ELEVATION C
SCALE: 1:200

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PLANNING SERVICES	HPT
POL	TLS
DC	ENF
APP	
CC	

25 APR 2002

NOTES

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PROPOSED HUTCHISON 3G EQUIPMENT

Proposed Cabin/Cabinet Details
Hutchison Ref:– NEC Node B Outdoor Cabinet
Dimensions:– 1.8 x 0.9 x 1.3m High
Colour:– Olive Green BS12B27
Meter Cabinet – 0.385 x 0.79 x 1.3m High

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Height:– 16m
Type:– Special.
Hutchison Ref:– Special tapered timber monopole DC280T with special headframe 2.9m long.
Colour:– Natural timber.

Proposed Transmission Details

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DRL 1	300ø	15.85m		0° TBC
DRL 2				
DRL 3				
DRL 4				
DRL 5				
DRL 6				
DRL 7				
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No.	Size	Hgt	Type	Orientation	Feeder lgth
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(Feeder lengths from Cabin/Cabinet to each antenna)

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NOTE:
DRAWING TO BE READ IN CONJUNCTION WITH:
00188680–101
00188680–111
00188680–112
00188680–113

NOTE:
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REV.	DATE	DESCRIPTION	CHK	APP
B1	17.04.02	TOWER TYPE CHANGED	JYW	JKM
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A4	04.02.02	REVISED TO H3G COMMENTS	JYW	JKM
A3	29.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A2	10.01.02	REVISED TO H3G COMMENTS	JYW	JKM
A1	28.01.02	ISSUED FOR COMMENTS	JYW	JKM

	APPROVED	REJECTED	DATE
ACQUISITION			
CONSTRUCTION			
RADIO			
TRANSMISSION			

LEGEND

- MHA
- Safety Sign
- Proposed External Light
- Proposed Earth Pit
- Proposed Power Route
- Existing Power
- Existing Water
- Existing BT
- Existing Overhead Cables
- Existing Wooden Fence
- Proposed Access Track
- Proposed Gravel Area
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Hutchison 3G

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P.O. Box 350 Abingdon S.O. OX14 5XU
Telephone +44 (0) 1235 468600
Facsimile +44 (0) 1235 468601
www.tcigroup.co
TCI
Total Communications Infrastructure

Site:
DIDDENHAM MANOR FARM
SPENCERS WOOD
BERKSHIRE
RG7 1LZ

Title:
SITE ELEVATIONS

Purpose of issue:
PLANNING

Drawing no.
00188680–114

Site ID:
00188680

Nominal ID:
RG4027

Issue:	Scale: AS SHOWN		Checked: JYW	Date: 12.02.02
B1	Drn: CJM	Date: 28.01.02	Approv: JKM	Date: 12.02.02

Consultant ref no:
H3G–0055

ORIGINAL SIZE – A3

01 MAR2002

Enterprise V3.4

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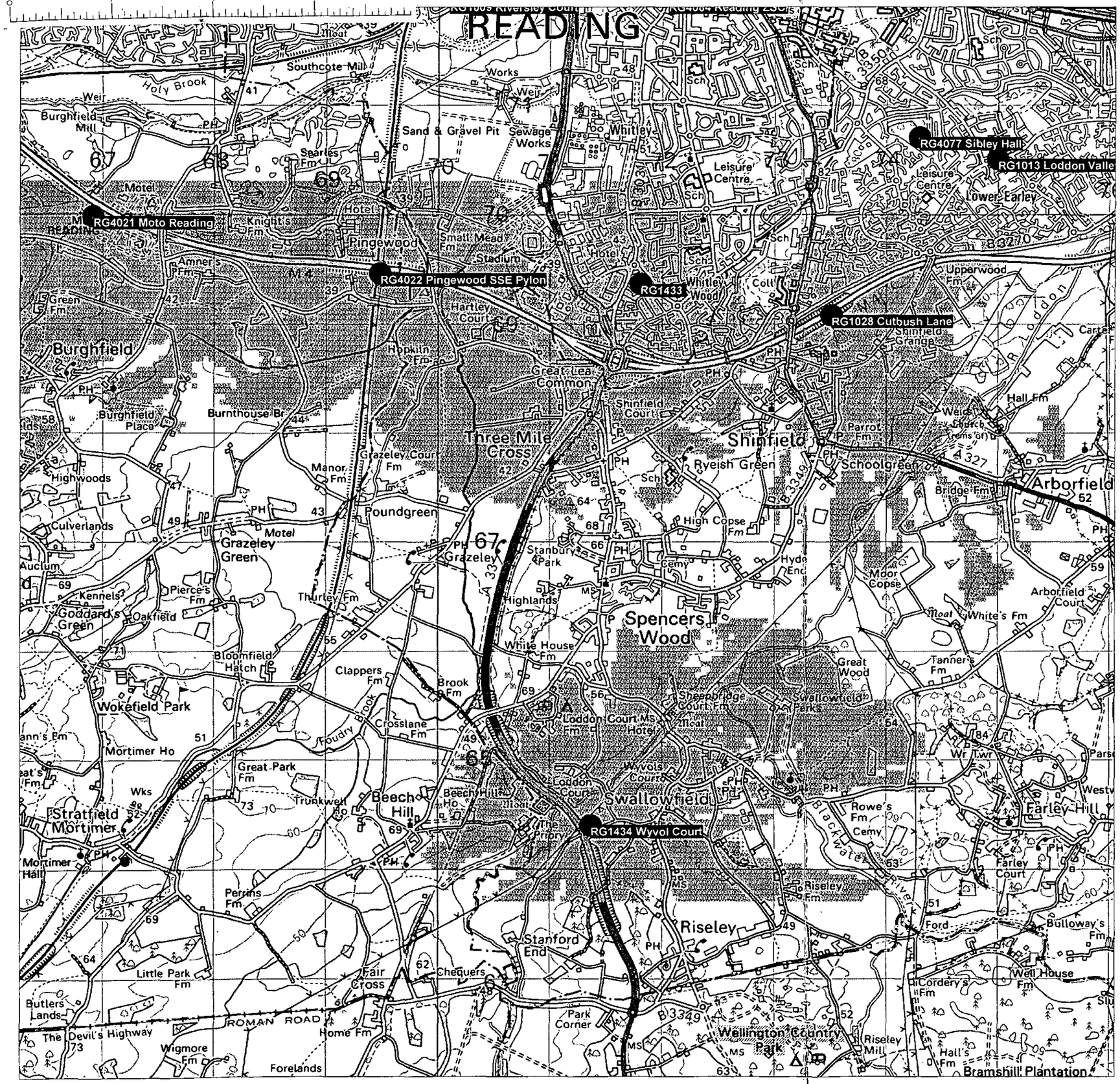
Diddenham Farm

Coverage without Diddenham Farm

Fri Feb 22 12:36:55 2002

Map Backdrop
Best Server
UMTS
[x> -95.6 dBm Suburban
● [Site] ▲ [Property] EW_active Sites

Top Right: 000°54'21.51"W 51°25'32.92"N
Bottom Left: 001°02'52.91"W 51°22'5.67"N
Scale Ratio 1:35812
0 0.50 1.00 1.50 2.00 Km



01 MAR 2002

Enterprise V3.4

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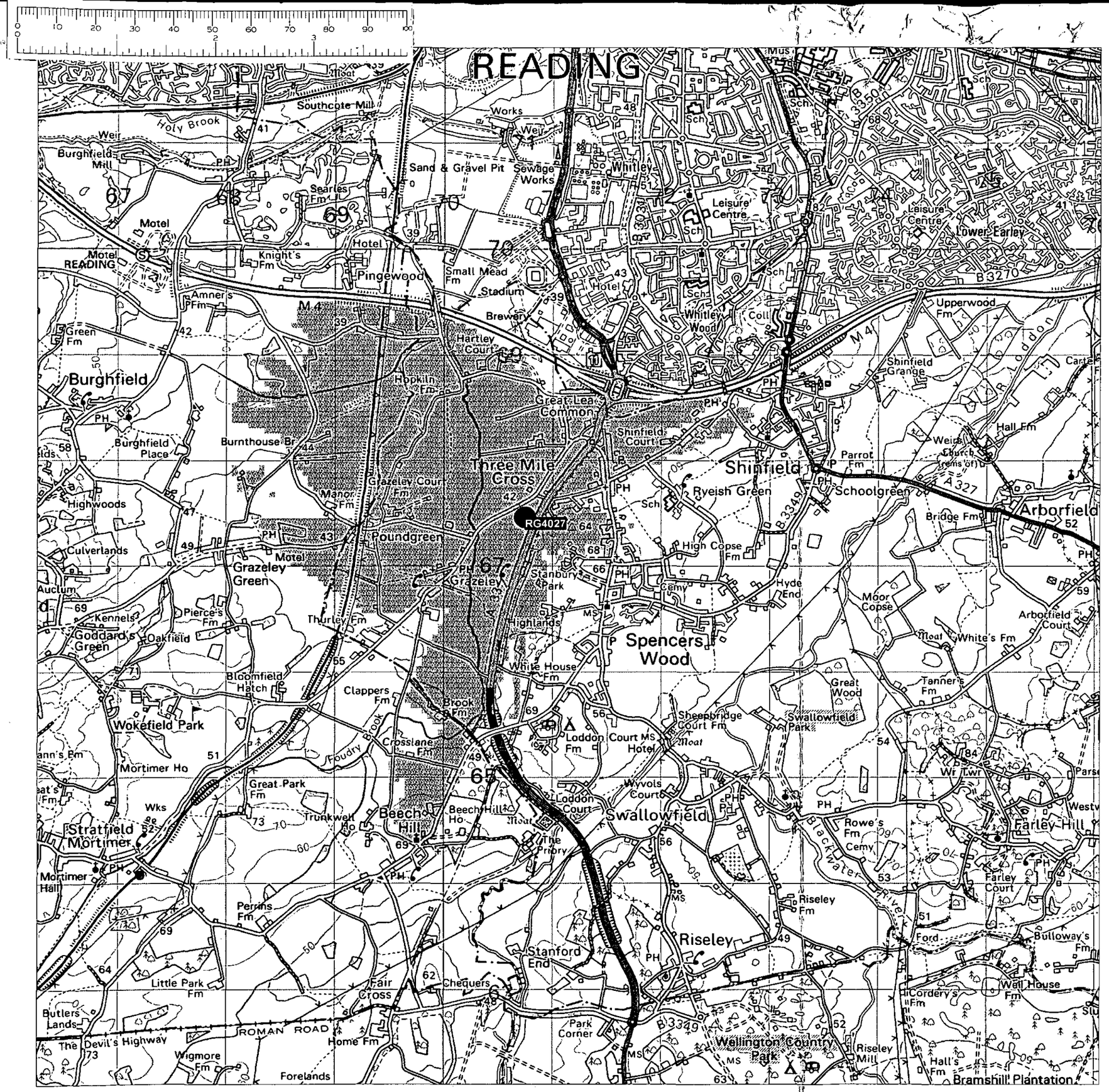
Diddenham Farm

Site plot

Fri Feb 22 12:35:16 2002



Map Backdrop
Best Server
UMTS
x> -95.6 dBm Suburban
[Site] [Property] EW_single Sites

Top Right: 000°54'21.51"W 51°25'32.92"N
Bottom Left: 001°02'52.91"W 51°22'5.67"N
Scale Ratio 1:35812

0 0.50 1.00 1.50 2.00 Km

01 MAR 2002* 6088

Enterprise V3.4

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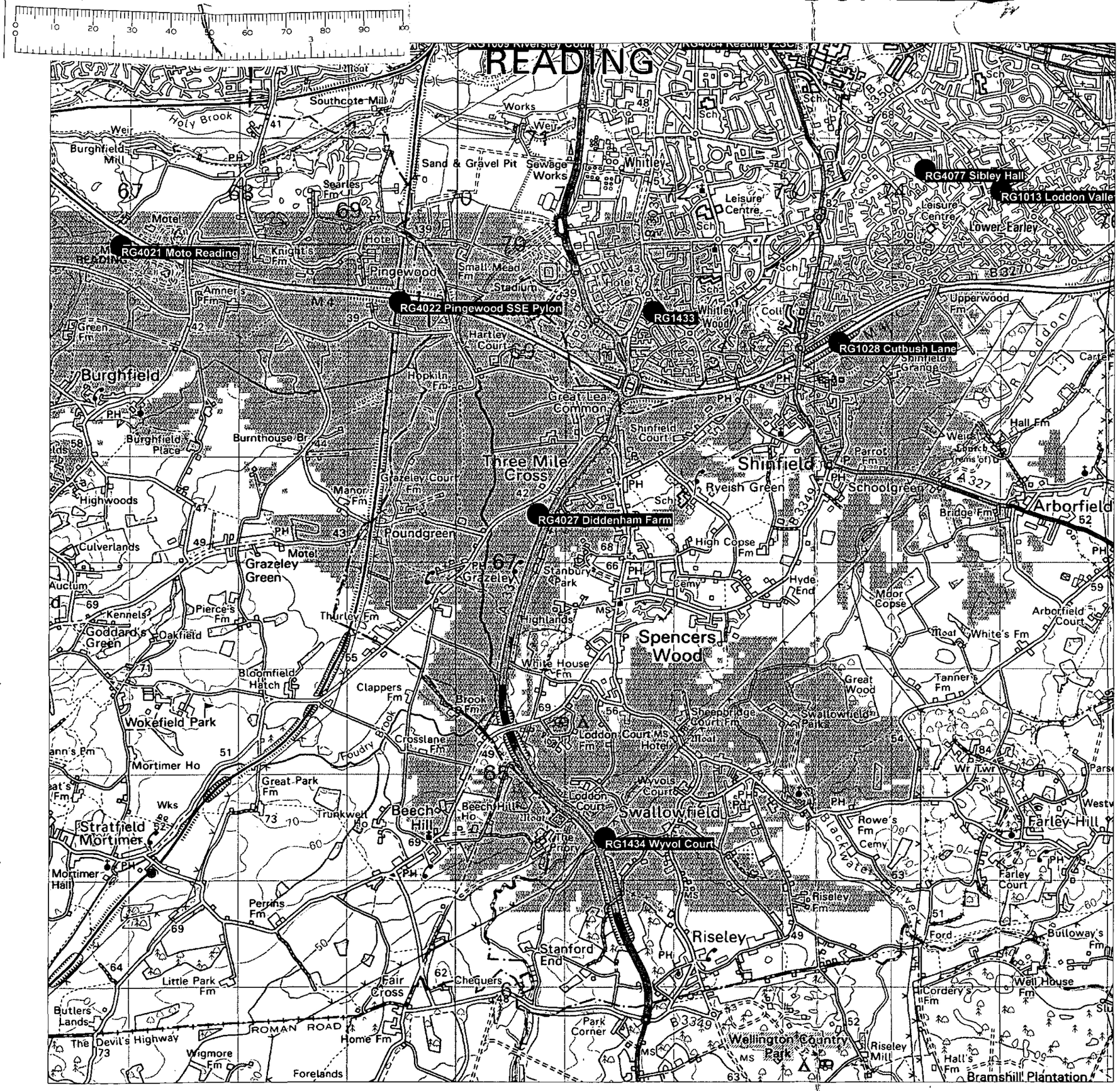
Diddenham Farm

Coverage plot

Fri Feb 22 12:33:39 2002



Map Backdrop
Best Server
UMTS
x> -95.6 dBm Suburban
● [Site] ▲ [Property] EW_active Sites

PLANNING SEC
POL | B.S
DC | ENF
APP |
CS |
25 APR 2002
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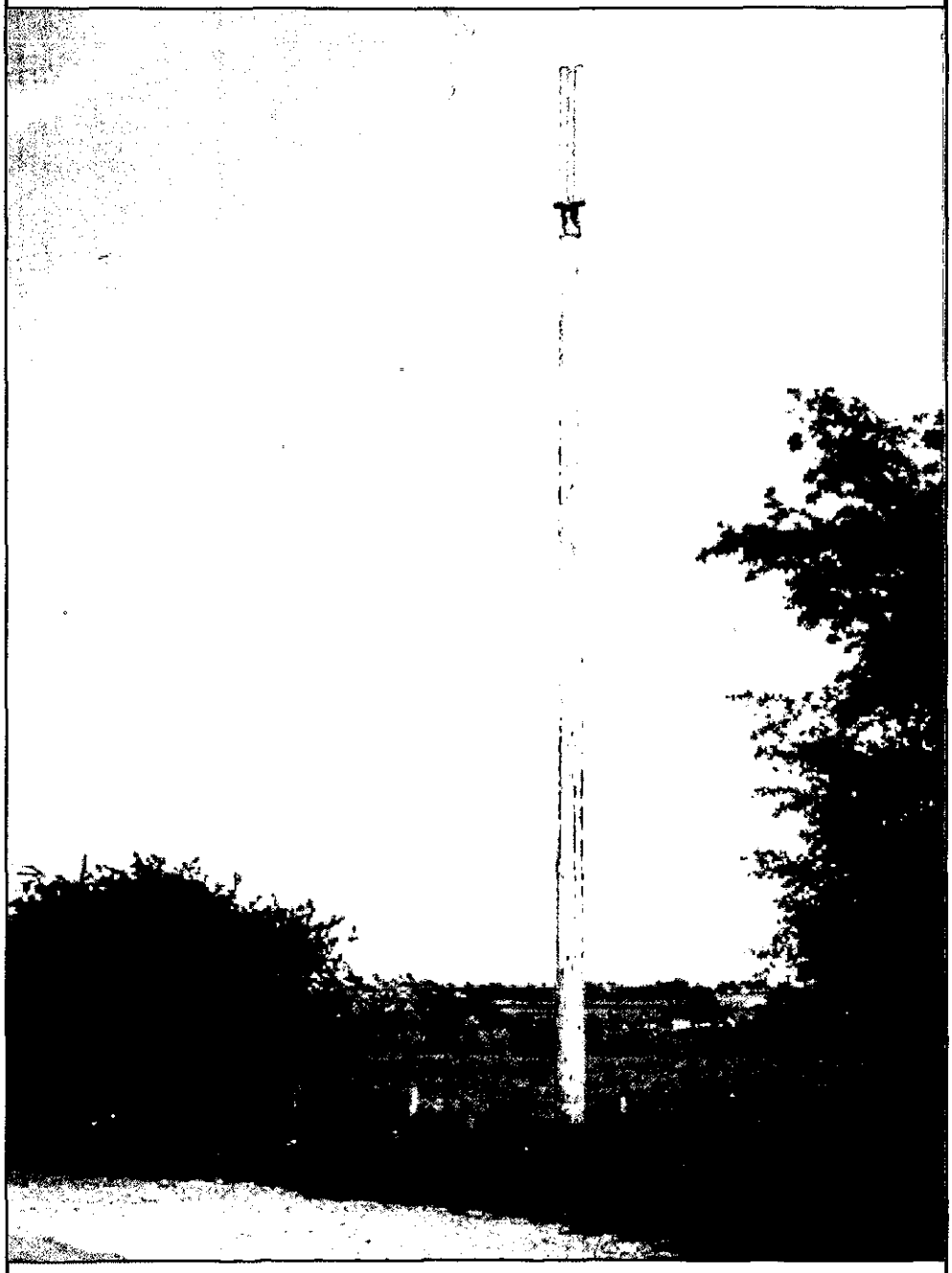
TAPERED TIMBER MONOPOLE

The colours and textures of the indigenous timber, as it weathers with time, helps the structure to harmonise with and complement its surroundings. As such, the dc282 tapered timber monopole can be the ideal solution in sensitive rural sites and areas of natural beauty.



6038 and

REVISED PLAN

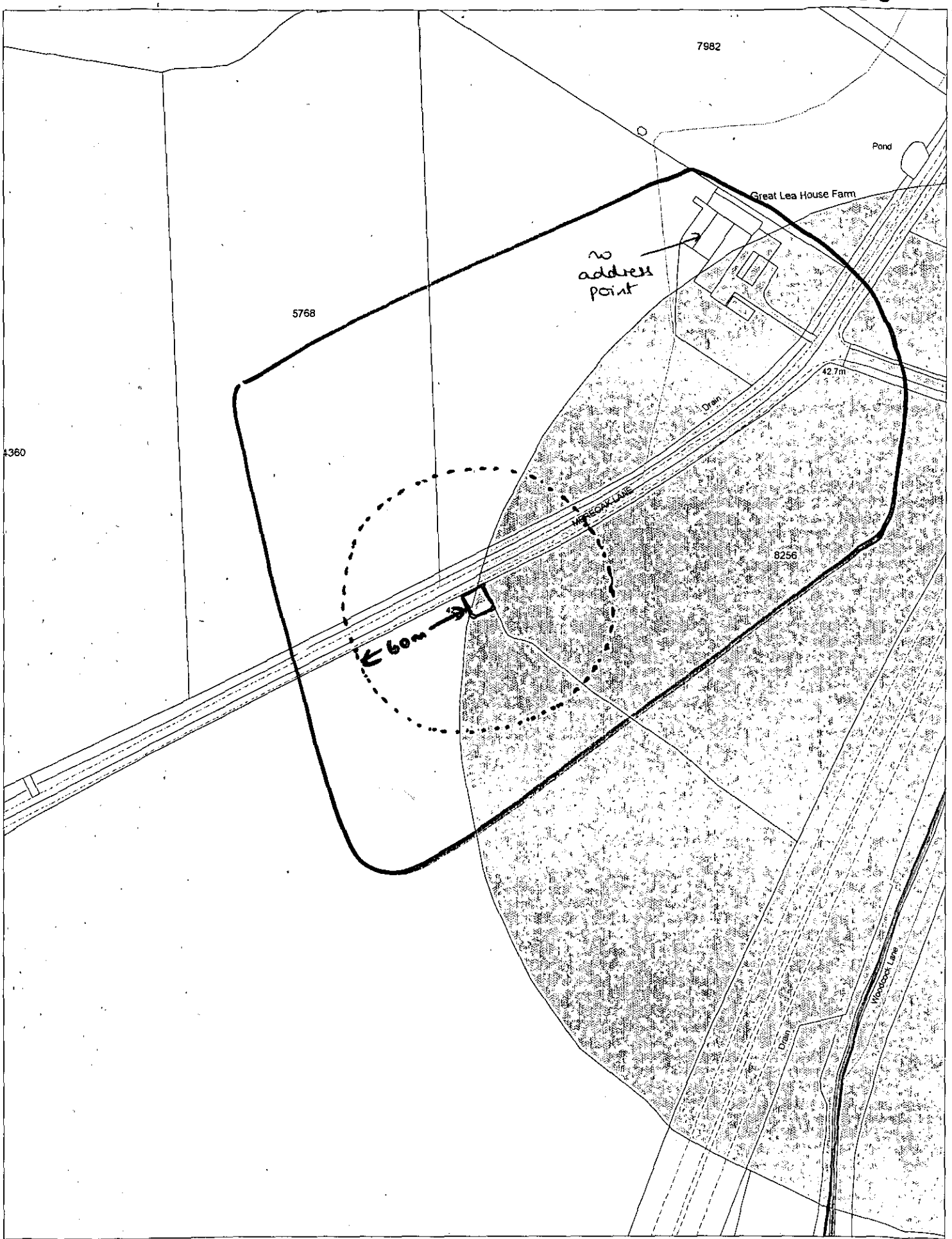
dynamic concepts

seaforth house
barrie road
hillington industrial estate
glasgow
G52 4PX UK

t: +44 (0)141 883 1717
f: +44 (0)141 883 2727

e: info@dynamicconcepts.co.uk
w: www.dynamicconcepts.co.uk

01.MAR2002* 6038



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Development Control Section, Environmental Services, Wokingham District Council.
6 March 2002
Scale: 1 : 2500