ARUN DISTRICT COUNCIL
No. BR/403/05
RECEIVED 10/11/05

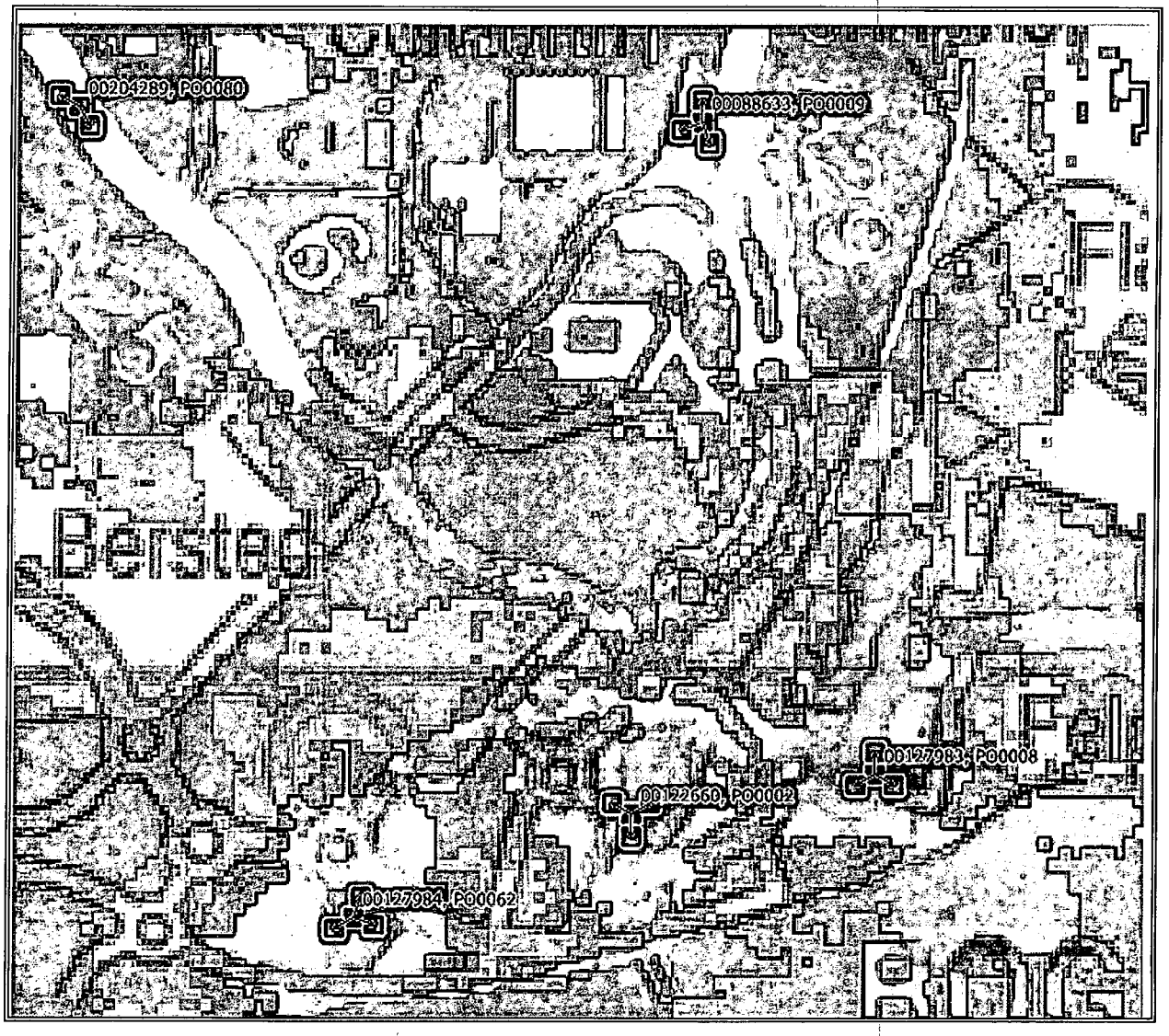
Hutchison 3G

Plot 1 - Coverage from Surrounding Sites

H3G Nominal ID :	PO0111	National Grid Coordinates:		Height of Antenna :	15.0
H3G Site ID:	00218020	As per Drawing No:		Frequency:	2.1Ghz
Site Name:	O2 Self Storage Space	P-035095-GEN-204		Peak Emitted Power:	59.5 dBm
Site Address		Modulation Technique		Max License Tx Power:	62 dBm

O2 Self Storage Space
5 Durban Road
Bognor Regis
West Sussex
Post Code: PO22 9RN

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 I/Q code multiplexed with a continuous channel where no pulsed transmission occurs.



*** The coverage displayed above is a theoretical prediction based on a set of engineering principals and digitised data. This coverage assumes a given traffic load for the surrounding clutter (environment).An increase of traffic beyond this level will decrease the extent of coverage and the coverage boundary accordingly.**

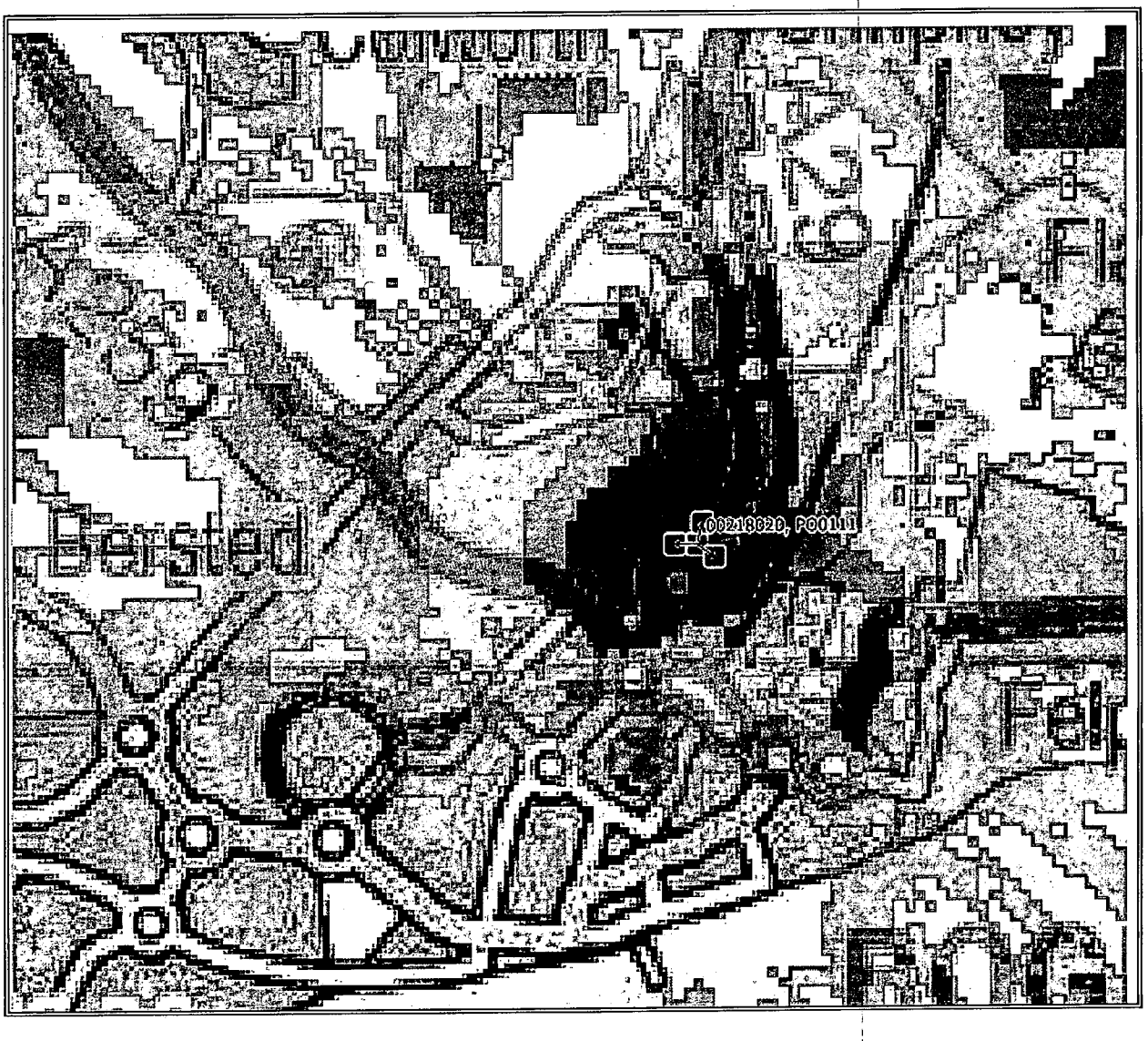
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Plot 2 - Coverage from the Proposal Site

H3G Nominal ID :	PO0111	National Grid Coordinates:		Height of Antenna :	15.0
H3G Site ID:	00218020	As per Drawing No:		Frequency:	2.1Ghz
Site Name:	O2 Self Storage Space	P-035095-GEN-204		Peak Emitted Power:	59.5 dBm
Site Address		Modulation Technique		Max License Tx Power:	62 dBm

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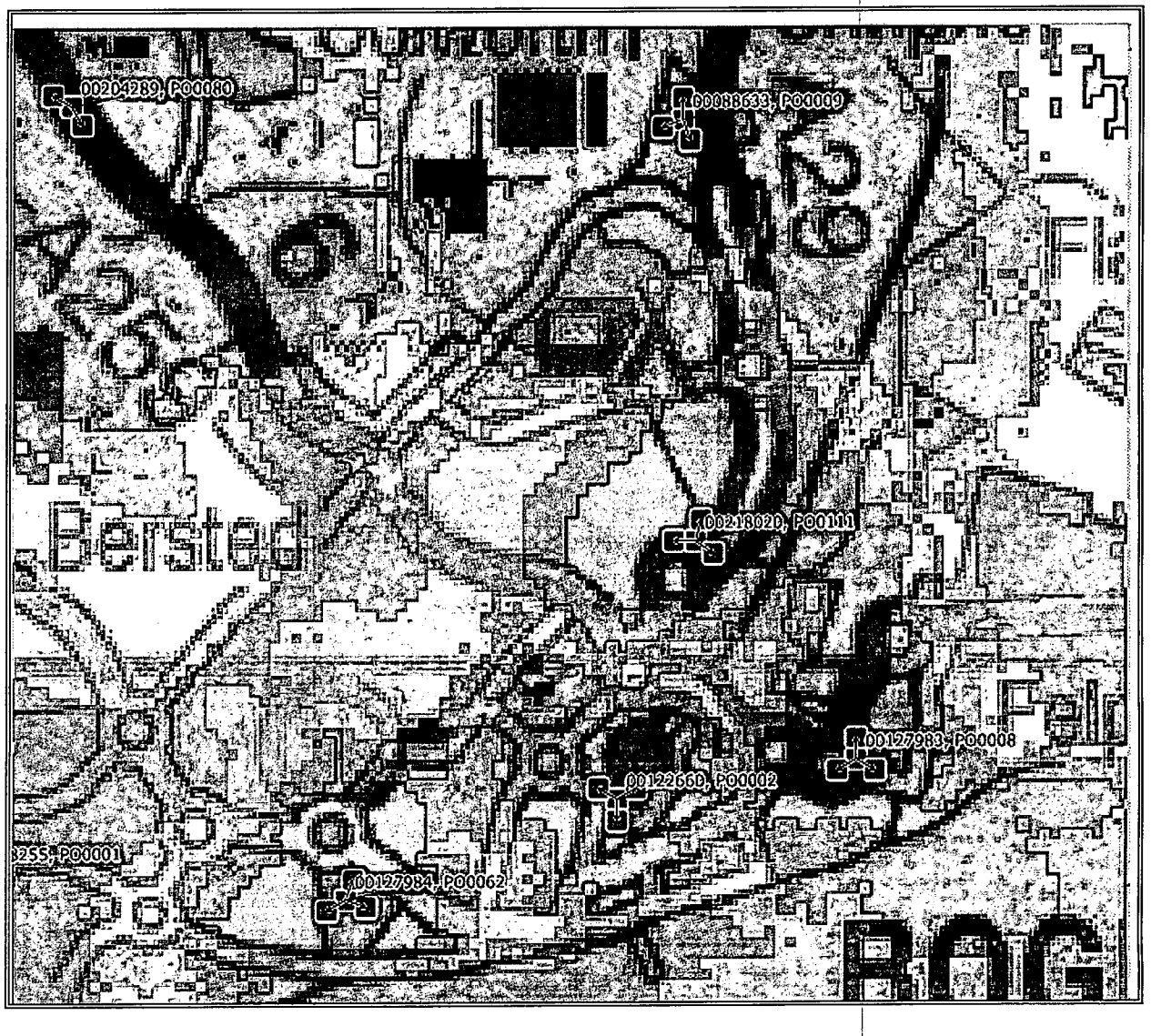
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Plot 3 - Coverage from Surrounding Sites and the Proposal Site

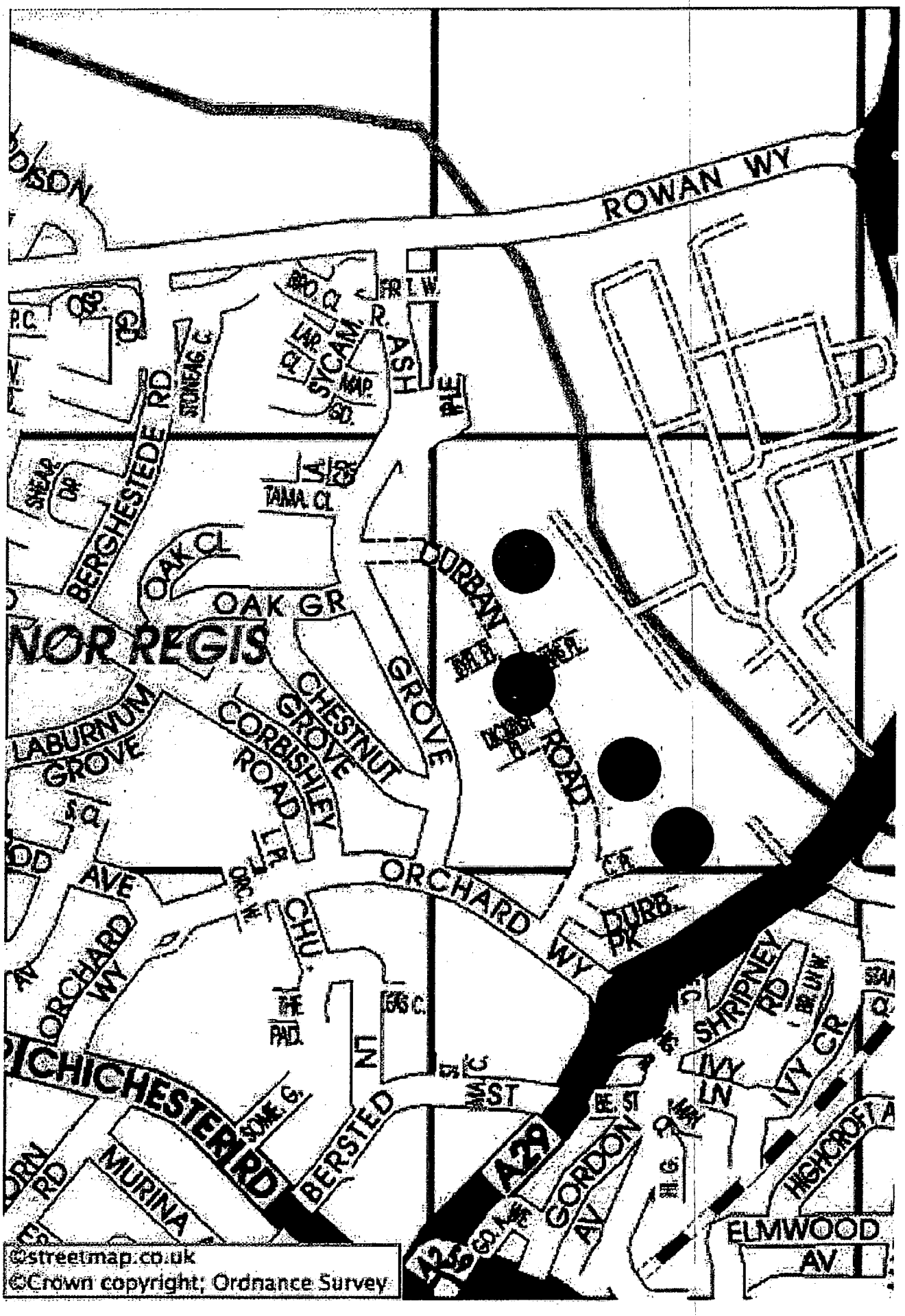
H3G Nominal ID :	PO0111	National Grid Coordinates:		Height of Antenna :	15.0
H3G Site ID:	00218020	As per Drawing No:		Frequency:	2.1Ghz
Site Name:	O2 Self Storage Space	P-035095-GEN-204		Peak Emitted Power:	59.5 dBm
Site Address		Modulation Technique		Max License Tx Power:	62 dBm

O2 Self Storage Space
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ROWAN WY
BERGHESTED RD
OAK CL
OAK GR
NORREGIS
LABURNUM GROVE
CHESTNUT GROVE
CORBISHLEY ROAD
GROVE
DURBAN ROAD
ORCHARD WY
ORCHARD WY
CHICHESTER RD
BERSTED
MURINA
A27
A259
GORDON AV
SHRIPNEY RD
IVY LN
IVY CR
HIGHCROFT
ELMWOOD AV
©streetmap.co.uk
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SUPPLEMENTARY INFORMATION TEMPLATE

Key: Grey = to be completed by Sharer and handed over to Lead Operator. Yellow areas have 'Comments' inserted, hold mouse pointer to reveal comment.

1. Site Details

Site Name	Self Storage Space				Site Address	5 Durban Road Bognor Regis PO22 9RZ	
Nominal Number	PO0111						
Candidate Number							
NGR	E	493760	N	100585	Site Type[1]	Macro	

2. Pre Application Check list

Site selection

Was the mast register of the authority[2] responsible for planning used to check for suitable sites by the operator or the authority?	yes	
if no explain why		
Was the industry site database checked for suitable sites by the operator?	yes	
if no explain why		

Annual roll out consultation with the authority[2] responsible for planning

Date of last annual rollout information/submission	October 2004
Name of contact	Anita Gardner
Summary of outcome/Main issues raised	

Pre-application consultation with the authority[2] responsible for planning

Date of written offer of pre-application consultation		
Was there pre-application contact	yes	no
Date of pre-application contact		
Name of contact		
Summary of outcome/Main issues raised		

[1] Macro or micro
[2] England & Wales-Local Planning Authority. Scotland-Planning Authority. Northern Ireland- Department of Environment Planning Services

Ten Commitments Consultation

Rating of Site under Traffic Light Model	Green	Amber	Red
Outline Consultation carried out			
Summary of outcome/Main issues raised			

School/College

Location of site in relation to school/college (include name of school/college)	
Outline of consultation carried out with school/college. (include evidence of consultation)	
Summary of outcome/Main issues raised	

Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator consultation (only required for an application for prior approval)

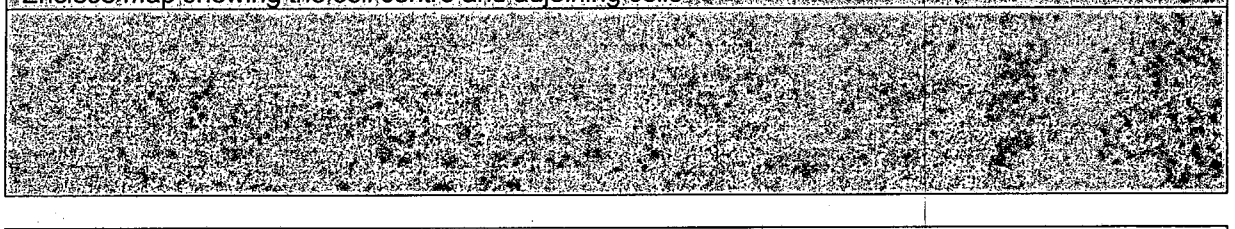
Will the structure be within 3km of an aerodrome or airfield?	**Yes**	**No**
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified	**Yes**	**No**
Details of response		

Developer's Notice
(only required for an application for prior approval)

Copy of Developer's Notice enclosed	**Yes**	**No**
Date served		

3.0 Proposed Development

The proposed site

Enclose map showing the cell centre and adjoining cells


Type of Structure (e.g. tower, mast, etc):	
Description	
Overall Height	
Height of existing building (where applicable)	metres
Equipment Housing	
Length	metres
Width	metres
Height	metres
Materials (as applicable)	
Tower/mast etc – type of material and external colour	
Equipment housing – type of material and external colour	

Reasons for choice of design

4.0 Technical Information

ICNIRP Declaration attached ICNIRP public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines. When determining compliance the emissions from all mobile phone network operators on the site are taken into account.	Yes	No

Frequency	2100MHz
Modulation characteristics[3]	QPSK
Power output (expressed in EIRP in dBW per carrier)	
Height of antenna (m above ground level)	

5.0 Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
Coverage

[3] The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase Modulation.
The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation.

6.0 Site selection process – alternative sites considered and not chosen

Enclose map highlighting all alternatives that have been considered by the operator.

Site[4]	Site Name and address	NGR	Reason for not choosing[5]
GF	R A Phillips Christie Place Bognor Regis PO22 9ND	493795 100523	Would require new mast and closer to houses and school
GF	Rear of units 14-15 Durban Rd Bognor Regis PO22 9UJ	493795 100864	Would require new installation
Streetworks	Durban Road Bognor Regis PO22 9RU	493638 100680	Would require new installation and generally more difficult for planning
Site share/ Co-lo Vodafone			SP not willing to release any more land

If no alternative site options have been investigated, please explain why

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

ARUN DISTRICT COUNCIL:BR/403/05/ 10/11/2005

Additional relevant information

Contact Details

Name		**Telephone**	
Operator		**Fax no**	
Address		**Email address**	
Signed		**Date**	
Position		**Company**	
		(on behalf of the above operator)	

Engineering Rollout - Acquisition

Hutchison 3G UK Ltd

Drive-By Report

Nominal No: _PO0111_____ Date of Drive-By: 14/7/04_____

H3G Driveby Search Results			
(Please Print Block Capitals)			
Location			
Acquisition Controller	AC		Chris Andrews P
Acquisition Negotiator	AN		Graeme Twitchen P
Construction Controller	CC		NP
Planning Consultant	PC		Liz Marsden P
Transmission Planner	TP		Rafa P
Radio Planner	RP		Sharad Sharma P

P = Present NP = Not Present NK = Not Known

Rejections From Kick-Off Visit/Pre Drive-By Report				
Option Letter	Site Name	NGR	Proposal Site Type	Reason for Rejection

Recommendations For Order Of Preferred Options			
Option Letter	**NGR**	**Proposal Site Type**	**Reason for Recommendation (*)**
A		Existing mast	Would need discounting for planning if not used/fully investigated
B		Greenfield	Clean greenfield option with willing sp and good tree scre
C		Greenfield	Unconfirmed sp and backs onto caravan park.
D		Streetworks	Problem planning wise

(*) Give option letter in order of preference with brief reason and complete preferred option sheet for each one

To be hand written on drive-by and passed to AC/RF/PEC on day of drive

Engineering Rollout - Acquisition

Hutchison 3G UK Ltd

Drive-By Report

PO0111

Preferred Option Letter-	
AN Comments On option suitability/Observations. If discipline representative not present state reason	Acquisition Risk Assessment: GAD (See Guidance Notes) Good option if ownership legals agreed.Otherwise option B is good backup
RP Comments	
CC Comments	
TP Comments	
PC Comments	Option A - the existing, as yet unused O2 tower, would be the most straightforward solution for this nominal, particularly if it was possible just to attach our antennae to the existing structure, as it should only require an LN. The site is also the most commercial part of the area as a whole, which is otherwise predominantly residential, and would be much less contentious than a streetworks mast nearer houses. No particular policy restrictions.

Acquisition Controller Approved
(Sign Name)_____

To be hand written by each discipline whilst on drive-by and passed to AC with Drive-By Report. One sheet for reach recommended option.