

BABERGH DISTRICT COUNCIL PLANNING DEPARTMENT		
ACK	YES	NO
DATE		
02 FEB 2009		
FILE No.		
DPD		
ADP(P)	ADP(D)	ADP(O)

**Our ref:** DSO/Sudbury/SS

Trevor Woodhouse  
Asset Surveyor

**Date:** 29 January 2009

Trevor.woodhouse@arqiva.com  
Direct tel +44 (0)1707 624517  
Direct fax +44 (0)1707624511  
Mobile +44 (0)07951 030048

Head of Planning Services  
Babergh District Council  
Planning Services  
Corks Lane  
Hadleigh  
Ipswich IP7 6SJ

BABERGH DISTRICT COUNCIL PLANNING DEPARTMENT	
- 3 FEB 2009	
B/09/00122	

BABERGH DISTRICT COUNCIL	
- 2 FEB 2009	
POST ROOM	

Dear Sir/Madam

**DIGITAL SWITCHOVER PROJECT  
SUDBURY TRANSMITTING STATION, YORLEY FARM, LITTLE CORNARD,  
SUDBURY, SWUFFOLK, CO10 0NZ  
SUBMISSION OF PRIOR APPROVAL APPLICATION**

We refer to our letter dated 16<sup>th</sup> April 2008 and the proposal to install wrap around antennas on the existing mast under Part 24 of the General Permitted Development Order 1995 (as amended). Please find attached revised drawings showing the latest proposals.

As will be explain explained, two major factors have changed since the letter was sent. First, National Grid Wireless, who owned and operated the BBC transmission network, has been taken over by its fellow broadcast company Arqiva, who own and operate the former Independent Broadcasting Authority network. This brings into single ownership the whole of the terrestrial television broadcast networks and both companies now operate under the Arqiva brand. Second, as the Digital Switchover project has progressed in other parts of the UK, more practical experience has been gained of this kind of complex engineering project.

The combined effect of these factors now means that it now necessary to install external heat exchangers to dissipate the heat generated from the new ground based transmission equipment that will be installed within the existing building complex. In addition, a new generator and associated fuel tank will need to be installed in the event of a power failure when the site is switched over to digital. Apart from monthly testing for a short period, the generator would only operate in extreme circumstances. Housing the proposed generator within existing building complex has been considered, but unfortunately there will not be enough space once the new ground based transmission equipment is installed.



We are proposing to install the heat exchangers and generator as close to the associated transmission equipment they will serve within the existing building complex so that the heat exchangers can work at maximum efficiency and without obstructing the service road that currently surrounds the building complex

As we are Electronic Communications Code Operators, we benefit from the permitted development rights set out under Part 24 of Schedule 2 of the Town and Country Planning (General Permitted Development) Order 1995, as amended (the GPDO). As this apparatus is ancillary to radio equipment housing, it falls under the prior approval procedures set out under Condition 3 of the relevant part of the GPDO. We accordingly make an application as to whether your Council's prior approval is required for the detailed siting and appearance of the apparatus we propose to install and to assist, we enclose the following:

- i. Location plan 10016.2.14/02.
- ii. Drawing nos. 10016\_50\_150\_M18\_18, 10016\_50\_101\_M18\_18, 10016\_100\_100\_M18\_18, 10016\_50\_160\_M18\_18
- iii. Supplementary information on the heat exchangers and generator
- iv. A cheque in the sum of £335 in respect of the appropriate fee

As we own the freehold interest of the site, no other landowner need be notified. In view of the nature of the apparatus proposed, which is no relevance to the radio emissions, it is not necessary to provide an ICNIRP certificate. We have looked at limiting the development as much as possible to lessen the visual impact and the proposal put forward in our view is the best. We hope you are able to confirm that your Council does not need to approve its detailed siting and appearance. To that end, we refer you to Form 2 of Annex H of the Code of Best Practice on Mobile Phone Network Development, which is applicable in these circumstances. However, if you do determine that you would like to control the details, the plans submitted should enable you to approve such. If however, you have any queries about the development, please let us know immediately.

In writing to you, please also take this application and the details contained within it as **due notification under the relevant condition of the Electronic Communications Code (Conditions and Restrictions) Regulations 2003**. In particular, you are given notice of our intention to install the electronic communications apparatus that is described in more detail in the application documentation (including the scale drawings) and to be located as shown on the application plans.

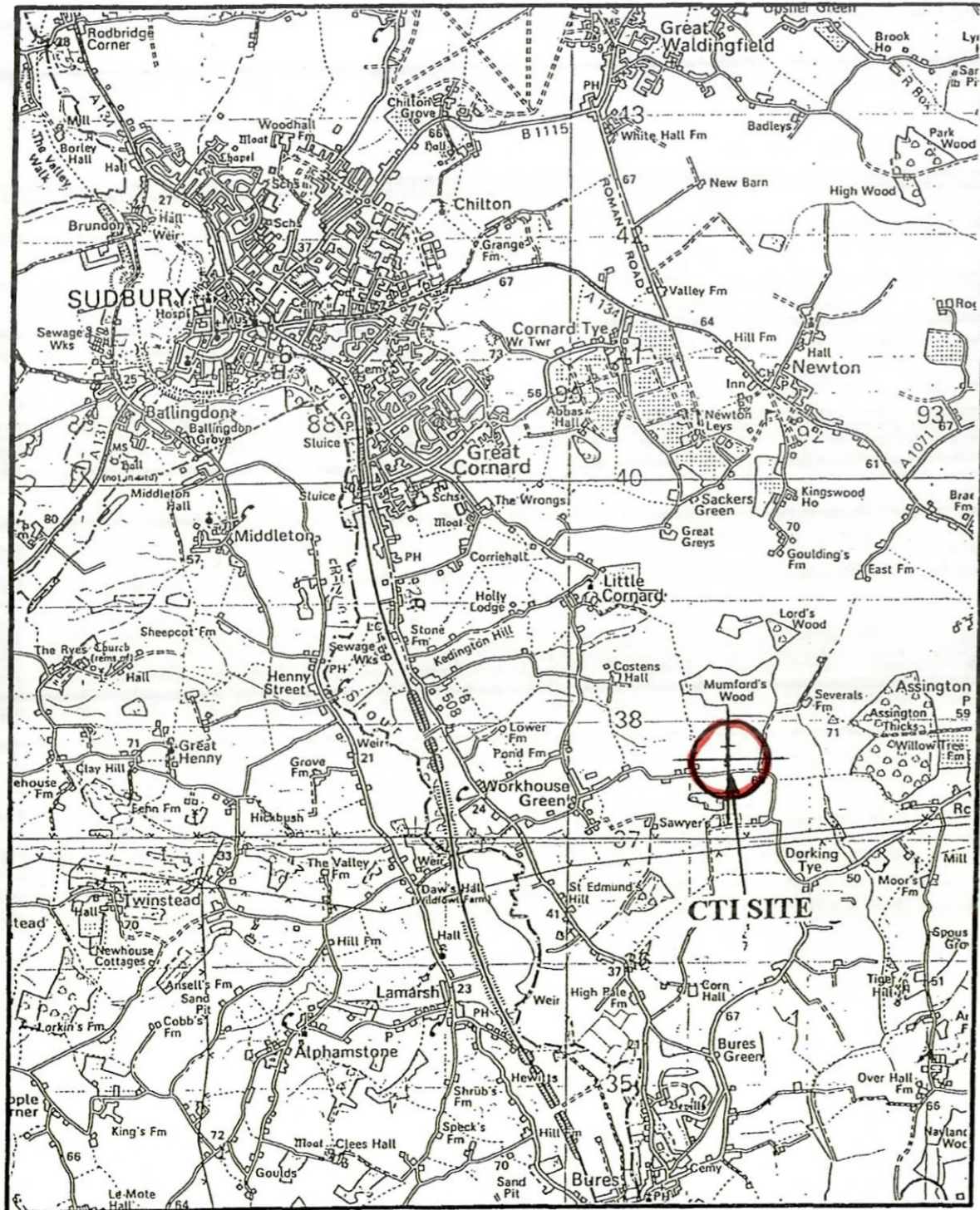
We trust everything is in order, but if you do require any further information or clarification, please do not hesitate to contact our Trevor Woodhouse on 07951 030048.

Yours faithfully

A blacked-out signature, likely of Trevor Woodhouse, with a horizontal line extending to the right.

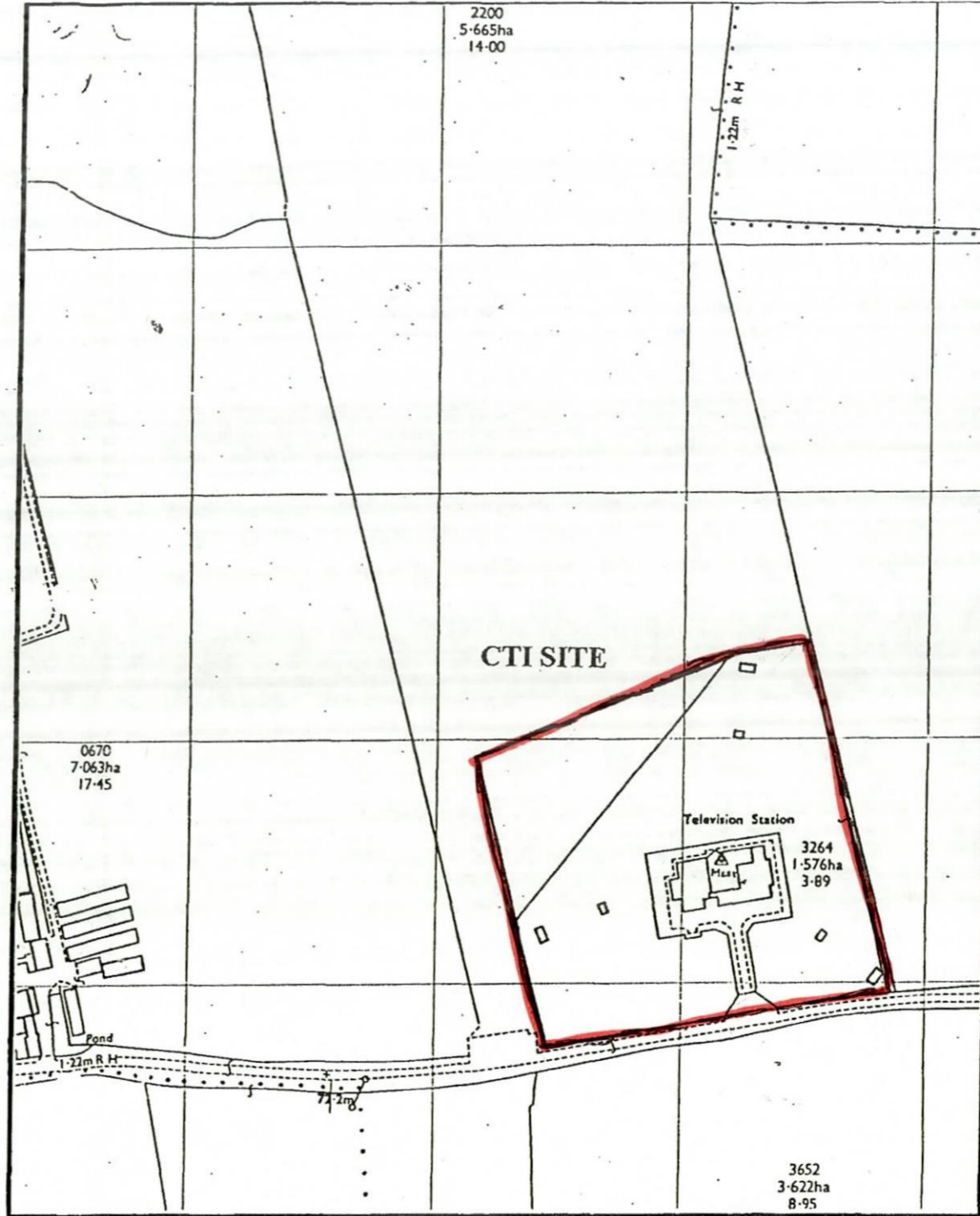
ARQIVA

Mon Feb 22 15:19:17 1999 (RWB) UNCONTROLLED COPY



**AREA MAP**

REPRODUCED FROM OS SHEET NO. 155. 1980 1:50,000 WITH THE PERMISSION OF THE CONTROLLER, H.M.S.O. © CROWN COPYRIGHT. CASTLE TRANSMISSION INTERNATIONAL LTD. LICENCE NO. AL 52065A0001.



**SITE MAP**

REPRODUCED FROM OS SHEET NO. TL 9037 1972. 1:2500 WITH THE PERMISSION OF THE CONTROLLER, H.M.S.O. © CROWN COPYRIGHT. CASTLE TRANSMISSION INTERNATIONAL LTD. LICENCE NO. AL 52065A0001.

Castle Transmission International Ltd

**NOTES**

- 1) DO NOT SCALE DIMENSIONS.
- 2) ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.


BABERGH DISTRICT COUNCIL  
PLANNING DEPARTMENT

- 3 FEB 2009  
B/09/00122

BABERGH DISTRICT COUNCIL PLANNING DEPARTMENT	
DATE	NO
02 FEB 2009	
FIL	
DR	
ADR	

Rev	Revision	Date	Drn	App
2	Rev. Eng. C. Ghotra Job 1407/99	22.2.99	RWB	GG

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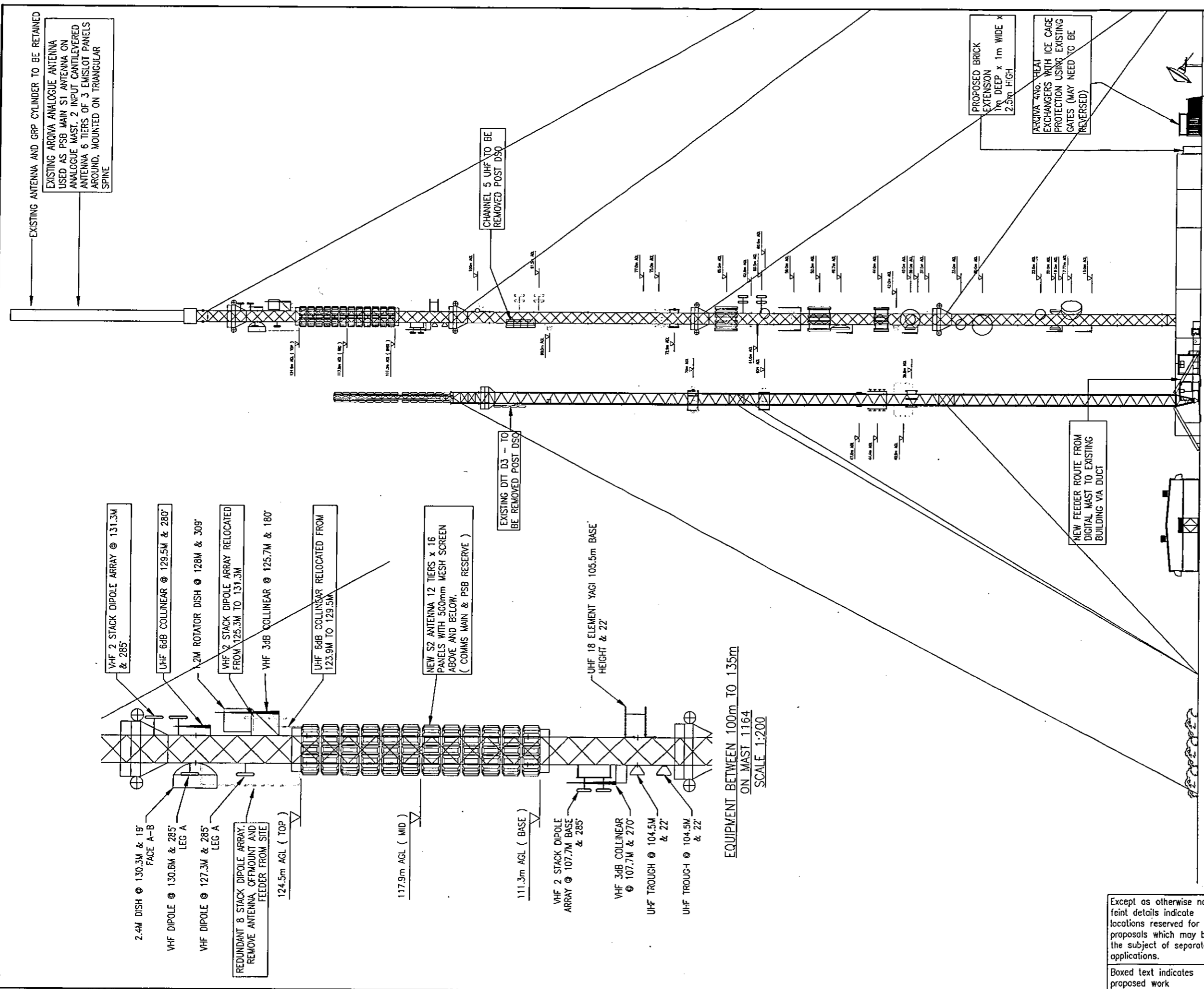
 Castle Transmission International Ltd  
PO Box 98  
CV34 6TN

SUDBURY

AREA & SITE LOCATION MAPS

Scale: 1:1      Date: 22.2.99  
Drn: RWB      App: GG

Drg No 10016.2.14/2



EQUIPMENT BETWEEN 100m TO 135m  
ON MAST 1164  
SCALE 1:200

EXISTING ANTENNA AND GRP CYLINDER TO BE RETAINED  
USED AS PSB MAIN S1 ANTENNA ON ANALOGUE MAST. 2 INPUT CANTILEVERED ANTENNA 6 TIERS OF 3 EMI-SLOT PANELS AROUND, MOUNTED ON TRIANGULAR SPINE

CHANNEL 5 UHF TO BE REMOVED POST DSO

EXISTING DTI D3 - 10 BE REMOVED POST DSO

PROPOSED BRICK EXTENSION 1m DEEP x 1m WIDE x 2.5m HIGH

ARQIVA 4NO. HEAT EXCHANGERS WITH ICE CAGE PROTECTION USING EXISTING GATES (MAY NEED TO BE REVERSED)

NEW FEEDER ROUTE FROM DIGITAL MAST TO EXISTING BUILDING VIA DUCT



- NOTES
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DATE  
02 FEB 2009

Contract No. ARQVA DSO DESIGN  
Consultant

Engineer:  
Drawing manager:

Iss	Revision	Date	Drn	App
18	Project No. 73414 HEAT EX RELOCATION	21.01.09	SMM	DO
17	Project No. 73414 ANTENNA RELOCATION	05.12.08	SMM	AS
16	Project No. 73414 HEAT EXCHANGER ADDED	01.10.08	SMM	AS
15	Project No. N/A ANTENNA ADDED	27.03.08	PM	DO
14	Project No. 79934 AS BUILT	26.03.08	PM	DO

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Arqiva Limited  
Crawley Court  
Winchester  
Hampshire  
SO21 2QA  
TEL: 01962 823 434  
FAX: 01962 822 378

BABERGH DISTRICT COUNCIL  
PLANNING DEPARTMENT

811500  
ARQIVA DSO  
PROPOSED  
INSTALLATION  
WEST ELEVATION  
3 FEB 2009  
100122

Scale: 1:500  
Site no. 141626  
site name: SUDBURY  
ARQIVA SITE  
YORLEY FARM  
LITTLE CORNARD  
SUDBURY, SUFFOLK, CO10 ONZ  
Eastings and Northings  
591220 237600

NGR: TL 91220 37600  
Date: 16.10.03 Drn: ADS

TP/dir	client_type	No_issue	App
10016_50_100_M18_18			KG

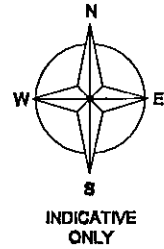
Except as otherwise noted, faint details indicate locations reserved for other proposals which may be the subject of separate applications.

Boxed text indicates proposed work

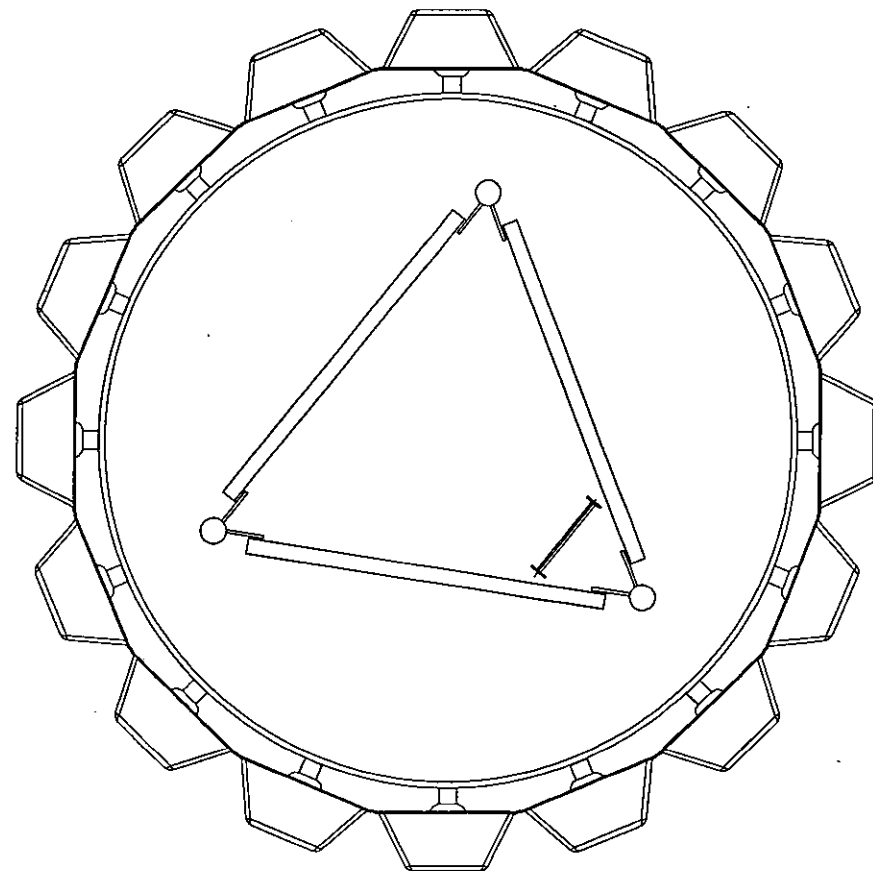
CUSTOMER ARQIVA DSO  
 SITE/STATION ABBREVIATION SUY  
 SITE/STATION CODE 115.00

ANTENNA DETAILS: EXISTING										
MANUFACTURER	PART NUMBER	DESCRIPTION	HEIGHT		BRG	MECH TILT	Tx/RBL	FEEDER TYPE	APPROX LENGTH	No. OF FEEDERS
			MEAN	BASE						
-	-	S2 ANTENNA 12 TIERS 16 PANELS	117.9	-	0	-	-	4 1/8"	130	2

ALL BEARINGS MEASURED EAST OF TRUE NORTH  
 ALL SIZES IN METRES  
 FEEDER LENGTHS HAVE BEEN SCALED FROM DRAWINGS  
 AND ARE TO BE CONFIRMED BY SITE SURVEY



↑  
0° ETN

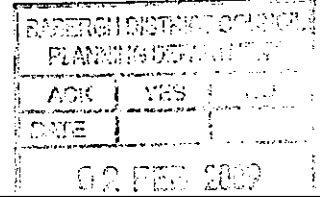


DSO ANTENNA MOUNTING PLAN @ 117.9m

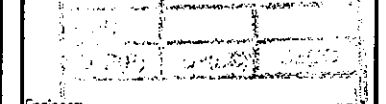


NOTES

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Contractor: ARQIVA DSO DESIGN  
 Consultant:



Engineer:

Drawing manager:

Iss	Revision	Date	Drn	App
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17	ANTENNA RELOCATION	05.12.08	SMM	AS
16	HEAT EXCHANGER ADDED	01.10.08	SMM	AS
15	ANTENNA ADDED	27.03.08	PM	DO
14	AS BUILT	26.03.08	PM	DO

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Arqiva Limited  
 Crawley Court  
 Winchester  
 Hampshire  
 SO21 2QA  
 TEL: 01962 822 378  
 FAX: 01962 822 378

- 3 FEB 2009

811 800 B/09/00122

ARQIVA DSO

PROPOSED  
 INSTALLATION  
 HEADFRAME DETAILS

Scale. 1:25

Site no. 141626

site name SUDBURY

ARQIVA SITE  
 YORLEY FARM  
 LITTLE CORNARO  
 SUDBURY, SUFFOLK, CO10 0NZ

Eastings and Northings

591220 237600

NGR: TL 91220 37600

Date: 16.10.03 Drn: ADS

IP/dir	client_type	No_issue	App
10016_50_160_M18_18			KG

Except as otherwise noted, faint details indicate locations reserved for other proposals which may be the subject of separate applications.  
 Boxed text indicates proposed work

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Contractor: ARQIVA DSO DESIGN

Consultant:

Engineer:

Drawing manager:

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14	Project No. 79934 AS BUILT	26.03.08	PM	DO

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ARQIVA LIMITED  
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Hampshire  
SO21 2QA

13 FEB 2009  
TEL: 01962 824378  
FAX: 01962 824378

**B/09/00122**

811500

ARQIVA DSO

PROPOSED  
INSTALLATION  
NORTH AND WEST PART ELEVATIONS

Scale: RTD

Site no. 141626

site name SUDBURY

ARQIVA SITE  
YORLEY FARM  
LITTLE CORNARD  
SUDBURY, SUFFOLK, CO10 0NZ

Eastings and Northings

591220 237600

NGR: TL 91220 37600

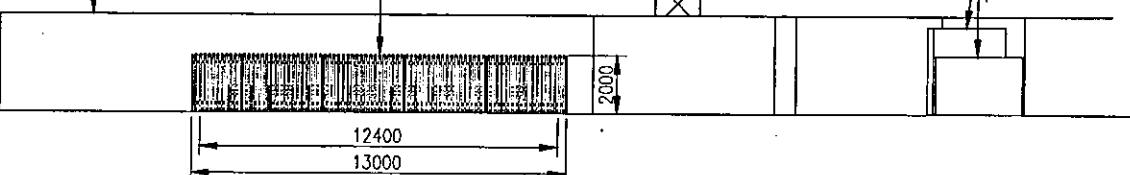
Date: 16.10.03 Drn: ADS

TP/dir	client_type	No_issue	App
10016_50_101_M18_18			KG

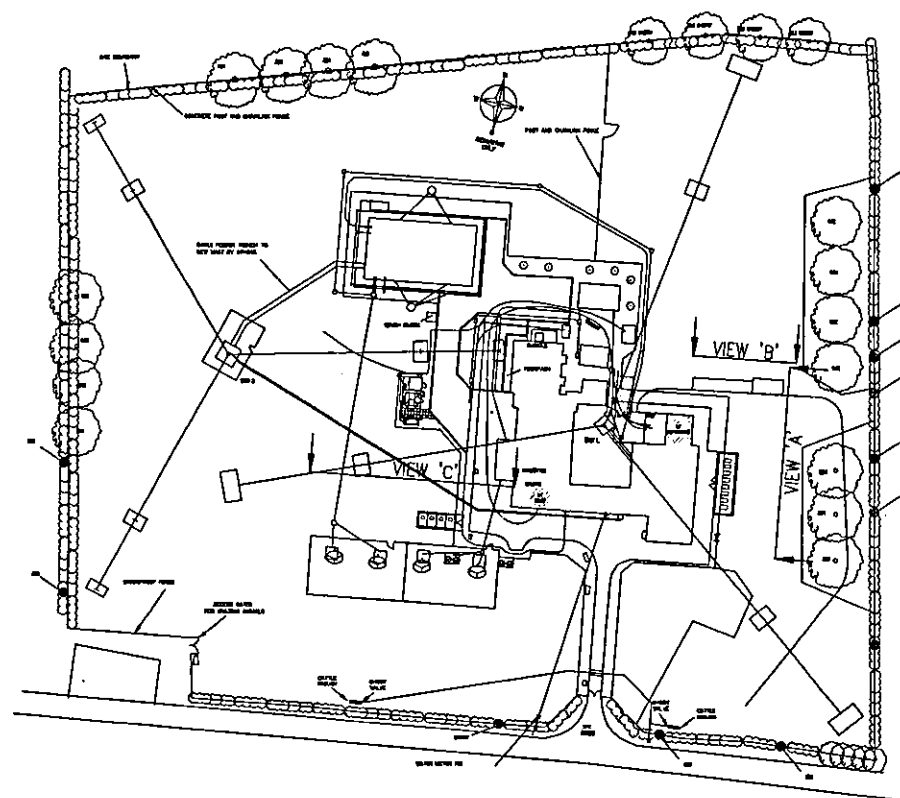
EXISTING BUILDINGS

8 No. ARQIVA HEAT EXCHANGERS,  
6 No. 1.45m x 0.8m AND 2 No.  
1.2m x 0.68m TO BE SURROUNDED  
BY 2m HIGH PALLISADE FENCING

GENERATOR IN GENSET CONTAINER  
12.2m(W)x2.5m(D)x3m(H) WITH BULK FUEL  
TANK 6.3m(W)x3m(D)x2m(H) ADJACENT



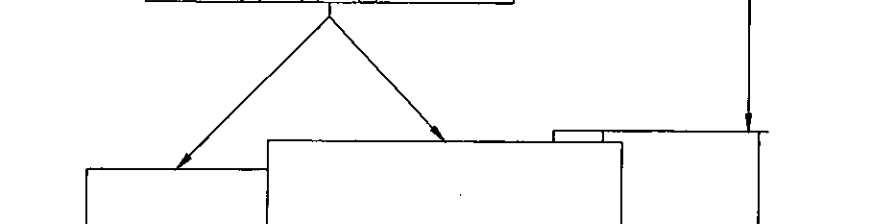
PART VIEW 'A' OF EAST ELEVATION  
SCALE 1:250



KEY PLAN FOR ELEVATION PART VIEWS  
SCALE 1:1500

GENERATOR IN GENSET CONTAINER  
12.2m(W)x2.5m(D)x3m(H) WITH BULK FUEL  
TANK 6.3m(W)x3m(D)x2m(H) ADJACENT

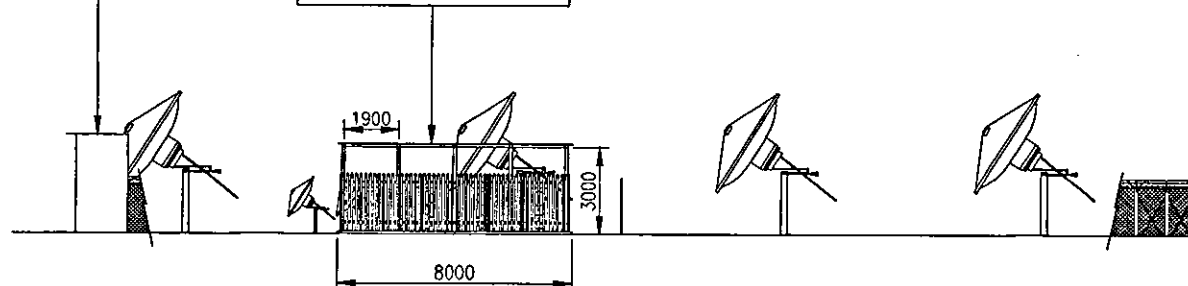
EXISTING BUILDINGS



PART VIEW 'B' OF NORTH ELEVATION  
SCALE 1:250

EXISTING BUILDINGS

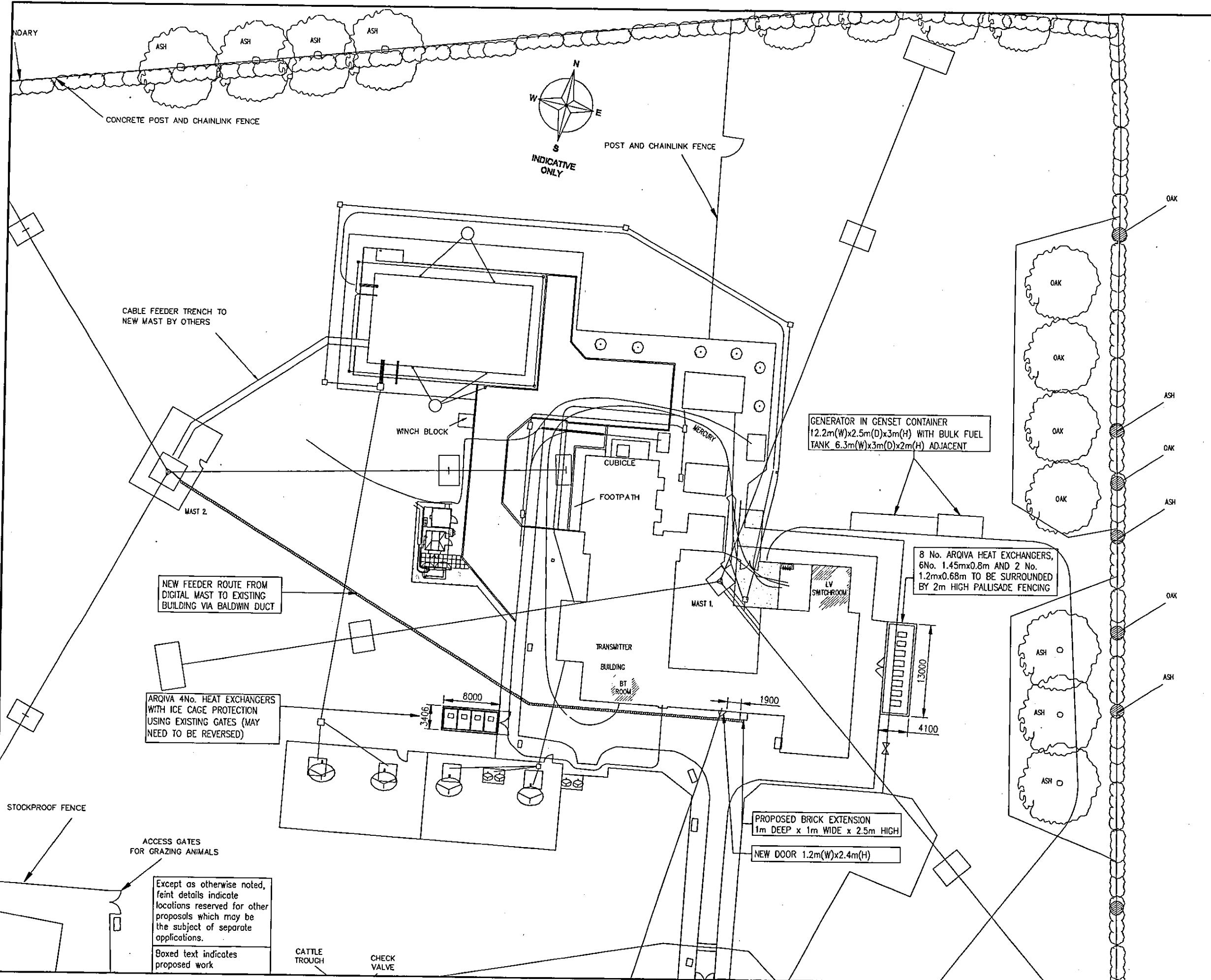
ARQIVA 4 No. HEAT EXCHANGERS  
WITH ICE CAGE PROTECTION  
USING EXISTING GATES (MAY  
NEED TO BE REVERSED)



PART VIEW 'C' OF NORTH ELEVATION  
SCALE 1:250

Except as otherwise noted,  
faint details indicate  
locations reserved for other  
proposals which may be  
the subject of separate  
applications.

Boxed text indicates  
proposed work



# arqiva

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BASEBORN DISTRICT COUNCIL  
PLANNING DEPARTMENT  
ACK  
DATE  
02 FEB 2009

Contractor: ARQIVA DSO DESIGN  
Consultant:  
Engineer:  
Drawing manager:

Iss	Revision	Date	Drn	App
18		21.01.09	SMM	DO
17		05.12.08	SMM	AS
16		01.10.08	SMM	AS
15		27.03.08	PM	DO
14		26.03.08	PM	DO

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BASEBORN DISTRICT COUNCIL  
Planning Department  
Winchester  
Hampshire  
SO21 2QA  
TEL: 01962 823334  
FAX: 01962 822378  
3 FEB 2009

**B/09/00122**

811500  
ARQIVA DSO  
SITE PLAN  
PROPOSED

Scale: 1:500  
Site no. 141626  
site name: SUDBURY

ARQIVA SITE  
YORLEY FARM  
LITTLE CORNARD  
SUDBURY, SUFFOLK, CO10 0NZ

Eastings and Northings  
591220 237600  
NGR: TL 91220 37600

Date: 16.10.03 Drn: ADS  
TP/dir client\_type No\_issue App  
10016\_50\_150\_M18\_18 KG

Version 6 Issued: December 2007

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