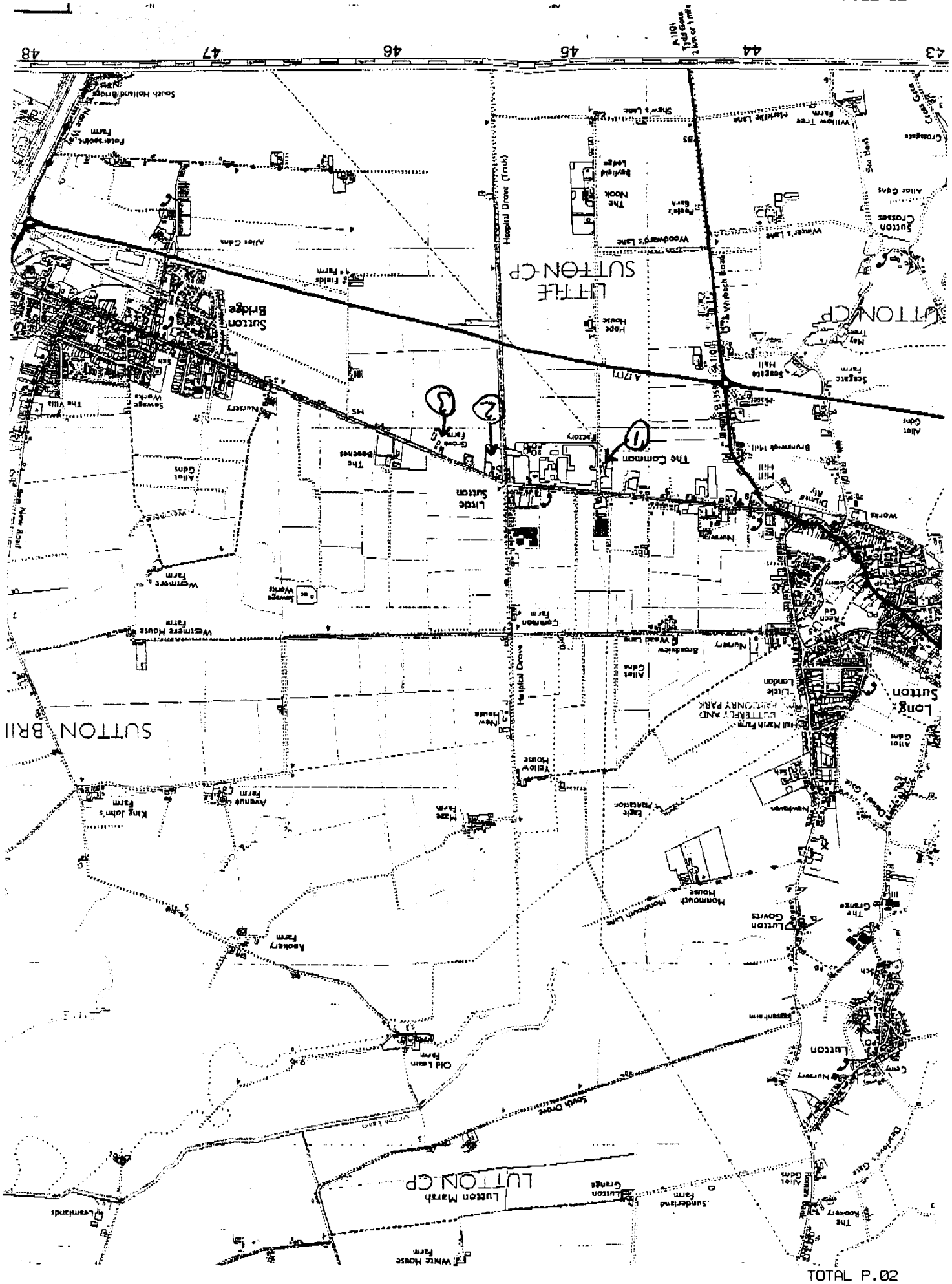
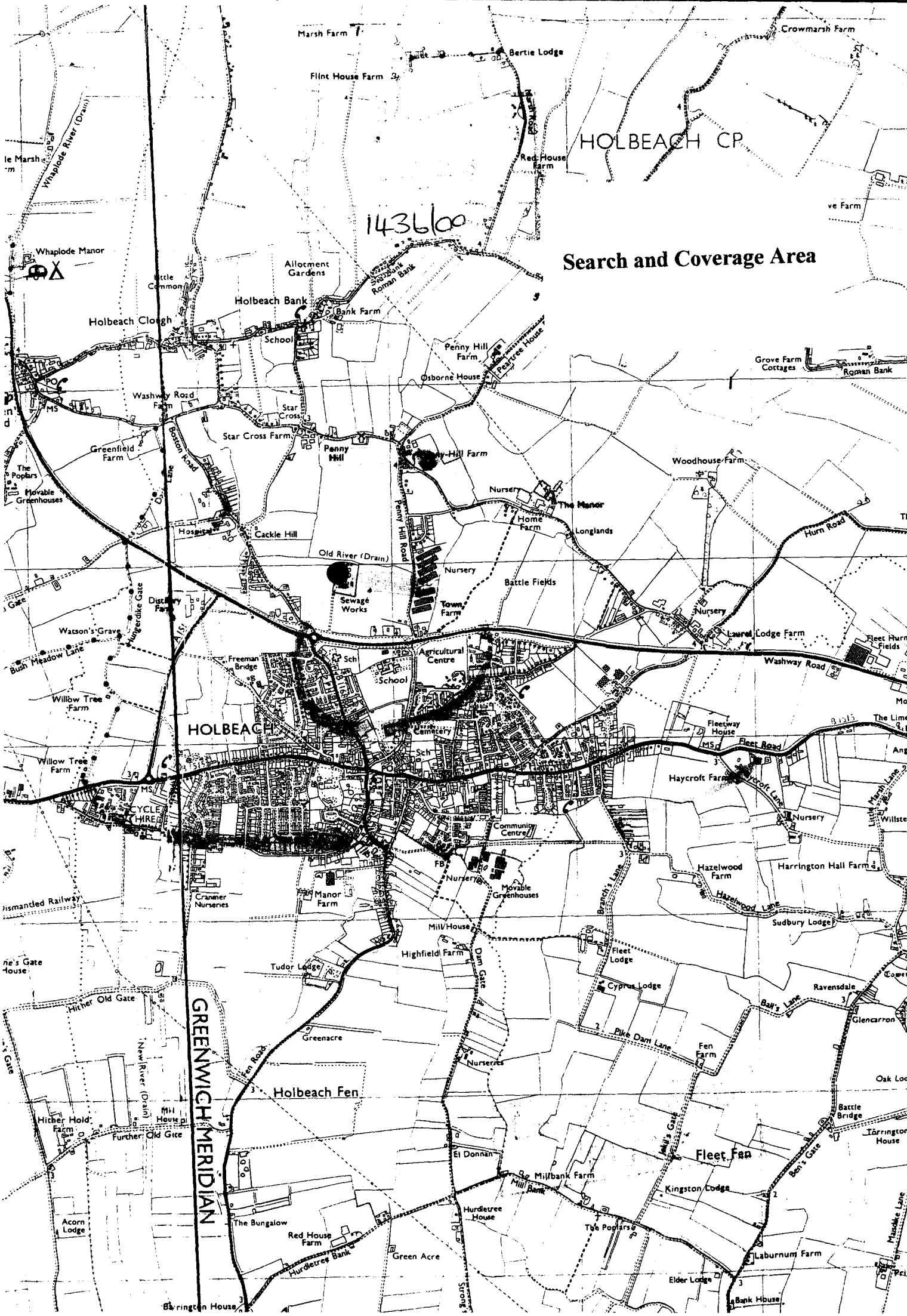
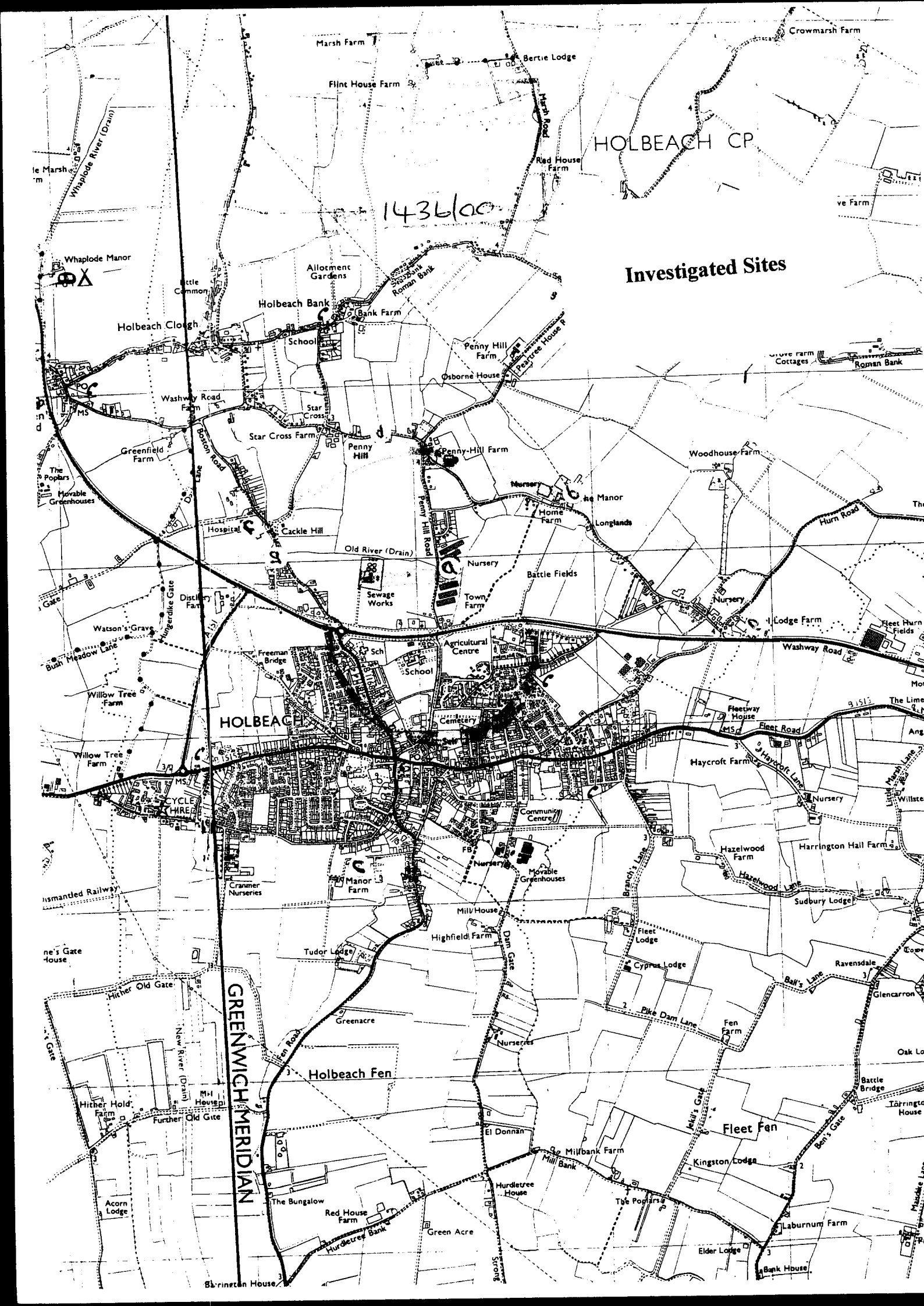
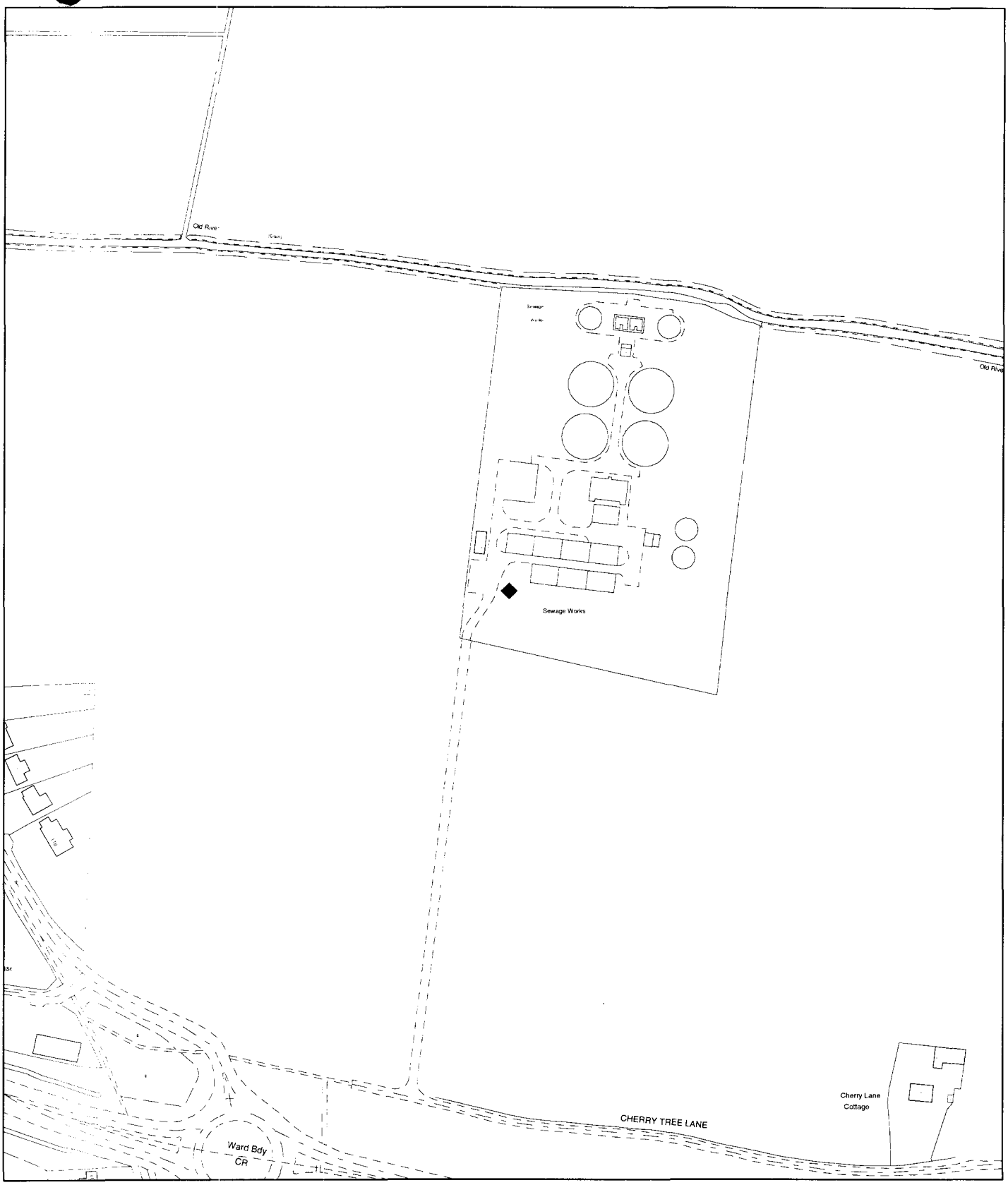

48
47
46
45
44
43
A1101
Hospital Drove (Track)
Sutton Bridge
Little Sutton
The Common
Long Sutton
Sutton Bridge
Sutton Crosses
Sutton Marsh
Luttons Gowts
Mormouth House
Yellow House
Hall Main Farm
Broadview
Westmere House Farm
Broadview Farm
Sutton Marsh Farm
Luttons Gowts Farm
Sundertand Farm
Old Leam Farm
Abatery Farm
Avenue Farm
King John's Farm
Mere Farm
White House Farm
Allot Gdns
South Drove
Mormouth Lane
Broadview Lane
Hospital Drove
Sutton Bridge
Little Sutton
Long Sutton
Sutton Marsh
Sutton Bridge
Sutton Crosses
Luttons Gowts
Mormouth House
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Abatery Farm
Avenue Farm
King John's Farm
Mere Farm
White House Farm
Allot Gdns
South Drove
Mormouth Lane
Broadview Lane
Hospital Drove
1
2
3


Search and Coverage Area
143600
HOLBEACH CP
HOLBEACH
GREENWICH MERIDIAN
Holbeach Fen
Fleet Fen
Holbeach Bank
Holbeach Clough
Whaplode Manor
Whaplode River (Drain)
Marsh Farm
Bertie Lodge
Flint House Farm
Crowmarsh Farm
Red House Farm
Allotment Gardens
Roman Bank
Bank Farm
School
Penny Hill Farm
Osborne House
Pedtree House
Grove Farm Cottages
Washway Road Farm
Star Cross
Star Cross Farm
Penny Hill
Greenfield Farm
The Poplars
Movable Greenhouses
Boston Road
Hospital
Cackle Hill
Penny Hill Road
Old River (Drain)
Sewage Works
Town Farm
Nursery
Battle Fields
Woodhouse Farm
The Manor
Home Farm
Longlands
Hurn Road
Laurel Lodge Farm
Fleet Hurn Fields
Washway Road
Watson's Grave
Hungerdike Gate
Distillery Farm
Bush Meadow Lane
Freeman Bridge
Agricultural Centre
Willow Tree Farm
Cemetery
Fleetway House
Fleet Road
Haycroft Farm
Haycroft Lane
Little Marsh Lane
Cycle Hire
Community Centre
Hazelwood Farm
Harrington Hall Farm
Hazelwood Lane
Sudbury Lodge
Dismantled Railway
Cranmer Nurseries
Manor Farm
Movable Greenhouses
Branch's Lane
Mill House
Highfield Farm
Dam Gate
Fleet Lodge
Cypress Lodge
Ravensdale
Glencarron
Ball's Lane
Pike Dam Lane
Fen Farm
Tudor Lodge
Hither Old Gate
Further Old Gate
Greenacre
Fen Road
Nurseries
Oak Lodge
Battle Bridge
Tarrington House
Hither Hold Farm
Mill House
New River (Drain)
El Donnan
Millbank Farm
Mill Bank
Kingston Lodge
Ben's Gate
Jack's Gate
Hurdletree House
The Bungalow
Red House Farm
Hurdletree Bank
Green Acre
The Poplars
Laburnum Farm
Elder Lodge
Bank House
Acorn Lodge
Barrington House
Muscle Lane


Investigated Sites
HOLBEACH CP
143600
HOLBEACH
Holbeach Fen
Fleet Fen
GREENWICH MERIDIAN
Marsh Farm
Flint House Farm
Bertie Lodge
Crowmarsh Farm
Red House Farm
Whaplode River (Drain)
Whaplode Manor
Allotment Gardens
Holbeach Bank
Bank Farm
Holbeach Clough
School
Penny Hill Farm
Osborne House
Peartree House
Roman Bank
Washway Road Farm
Star Cross
Star Cross Farm
Penny Hill
Penny-Hill Farm
Greenfield Farm
Boston Road
Woodhouse Farm
Nursery
Horne Farm
Longlands
Hurn Road
Hospital
Cackle Hill
Old River (Drain)
Penny Hill Road
Nursery
Battle Fields
Sewage Works
Town Farm
Lodge Farm
Fleet Hurn Fields
Watson's Grave
Hungerdike Gate
Bush Meadow Lane
Freeman Bridge
Agricultural Centre
School
Washway Road
Willow Tree Farm
Cemetery
Fleetway House
Fleet Road
Haycroft Farm
Haycroft Lane
Nursery
Cycle Hire
Community Centre
Hazelwood Farm
Harrington Hall Farm
Hazelwood Lane
Sudbury Lodge
Cranmer Nurseries
Manor Farm
Movable Greenhouses
Mill House
Highfield Farm
Dam Gate
Fleet Lodge
Cyprus Lodge
Tudor Lodge
Ravensdale
Ball's Lane
Glencarron
Hither Old Gate
Greenacre
Pike Dam Lane
Fen Farm
Nurseries
Fen Road
New River (Drain)
Further Old Gate
Hither Hold Farm
El Donnan
Millbank Farm
Mill Bank
Kingston Lodge
Battle Bridge
Jekil's Gate
Ben's Gate
Acorn Lodge
The Bungalow
Red House Farm
Hurdletree Bank
Green Acre
Hurdletree House
The Poplars
Laburnum Farm
Elder Lodge
Bank House
Barrington House
Movable Greenhouses
The Poplars



S O U T H
HOLLAND
DISTRICT COUNCIL

Planning Application Location Plan
Ward Member Notification

H09/1436/00

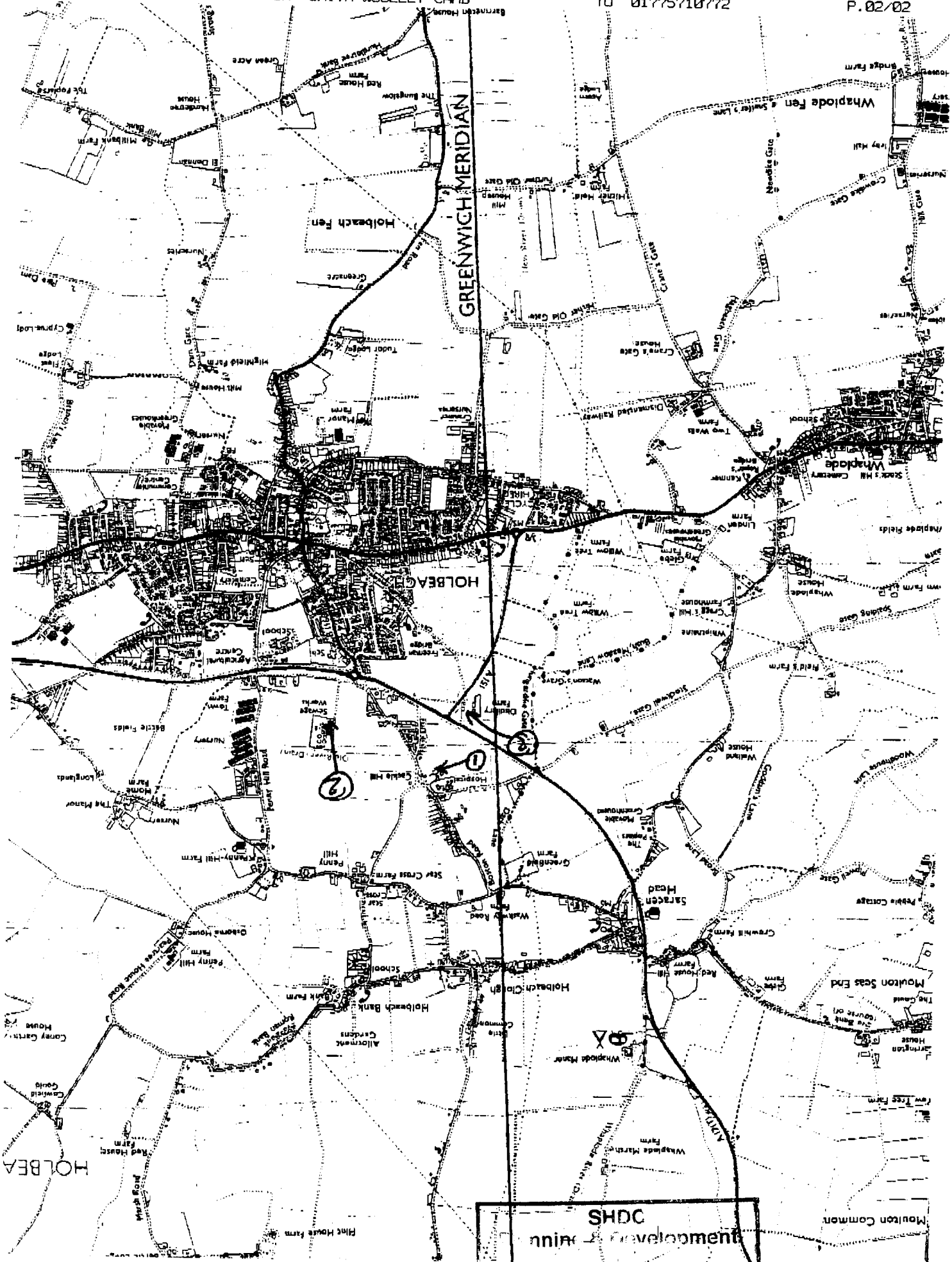
FILE COPY

Scale: 1:2500

Housing and Planning Services Department

Council Offices, Priory Road, Spalding, Lincolnshire

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SHDC
Planning & Development
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which organisations will be able to use the Airwave service?

In addition to the Police, Fire and Ambulance services, the Department of Trade and Industry (DTI) have already agreed that many other organisations will be able to use the Airwave service. These could include;

- British Transport Police
- Community and Health Trusts
- Parts of the MOD, Army and RAF
- MOD Police
- Air and Mountain Rescue services
- Prison service
- Royal Parks Police

planning implications

Unlike commercial mobile telephone networks the Airwave service relies on a very high level of coverage. With lives at stake it is critical that the system is available on almost 100% of tarmac roads, with additional coverage requirements to meet the specific needs of individual organisations. It is difficult to determine the number of radio sites that will be needed, this depends on the individual topography of the area and the particular requirements of the local emergency services. As it will not be acceptable to have areas which are not covered by the service it may sometimes be necessary to implement more sites than originally planned if the original selected site is unavailable.

We make every effort to work closely with local communities to ensure that their requirements are met and their concerns addressed. We also work closely with local planning authorities who hold detailed local information on existing sites and planning constraints. Wherever possible the Airwave service will use existing sites and masts where they provide the necessary coverage, site sharing and redevelopment opportunities will be investigated and exploited wherever possible.

www.o2.com/airwave

www.police.uk

www.nrpb.org.uk

www.fei.org.uk

www.tetramou.com

www.iegmp.org.uk

www.pito.org.uk

www.who.int/peh-emf

www.fcs.org.uk



the guide to the Airwave service from O2 creating a safer environment

how to contact us

If you would like to contact O2 about the Airwave service please:

Write to:

Calvin Jude, PP51A, Lancaster House,
Old Hall St., Liverpool L3 9PY

Email: airwaveinfo@O2.com

Airwave service

delivering the public safety radio communications service

The telecommunications services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to Airwave's respective standard conditions of contract. Nothing in this publication forms any part of any contract.

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Issued November 2001

this brochure is designed to provide a guide to the Airwave service known as the public safety radio communications service. For further information, visit our web site: www.o2.com/airwave

what is the Airwave service?

The Airwave service is the new digital radio communications network designed to meet the needs of the police and other public safety organisations in the 21st century. Airwave service is a digital private mobile radio service, developed and managed by O2 to provide a secure, powerful and flexible communications network.

The contract to provide the Airwave service was awarded to BT in February 2000 by the Police Information Technology Organisation (PITO) on behalf of the Home Office and migrated to O2 in September 2001. The service is based on the European open standard TETRA (TErrestrial Trunked RAdio), approved by the European Telecommunications Standards Institute (ETSI). It is an internationally recognised, proven system, since 1997 TETRA networks have been deployed throughout Europe and many other regions of the world. Networks are now operational and those involved in public safety are already enjoying the benefits of improved voice quality, better coverage and enhanced facilities enabling them to carry out their duties with increased effectiveness.

why the change to the Airwave service?

By 2005 the government will withdraw the existing frequencies used by the emergency services for their radio systems, this means that alternative systems must be created and operational by that time.

The Airwave system is not merely a replacement for existing systems, it provides a range of important new benefits which existing systems cannot deliver. At present, each of the 53 police forces in England, Wales and Scotland own and run their own analogue radio systems. The Fire service operates another 50 individual systems, and the Ambulance service has a further 45 systems. During major incidents, each service is unable to communicate effectively with the other services. Lack of adequate communications at major incidents is known to hamper the effectiveness of the response of the emergency services, the Airwave service has been designed to eliminate such communication problems in the future.

the benefits of the Airwave service

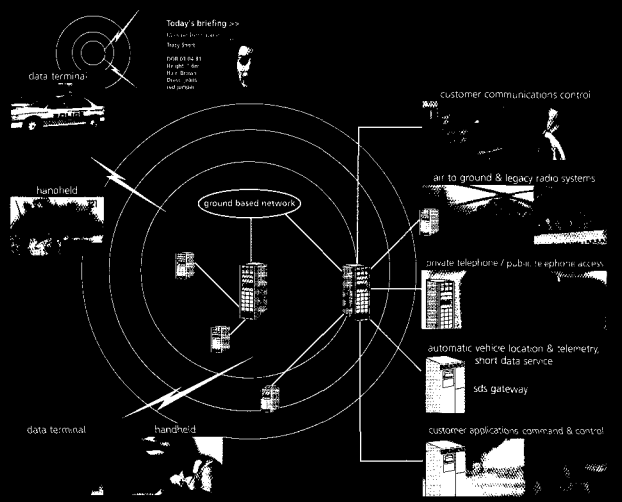
Some of the benefits of the Airwave service are:

- access to local and national databases, leading to better and faster provision of information to personnel in the field.
- secure communications, contributing to combating crime and safeguarding information from unauthorised access.
- digital service, delivering improved voice clarity.
- multi functionality of terminals which can act as radios, mobile telephones and data terminals thus saving time and increasing efficiency.
- efficient use of control room resources which will increase effectiveness particularly in complex incidents.
- automatic vehicle and person location function, allows quicker response and improved officer safety.
- comprehensive management information, enables better management of resources.





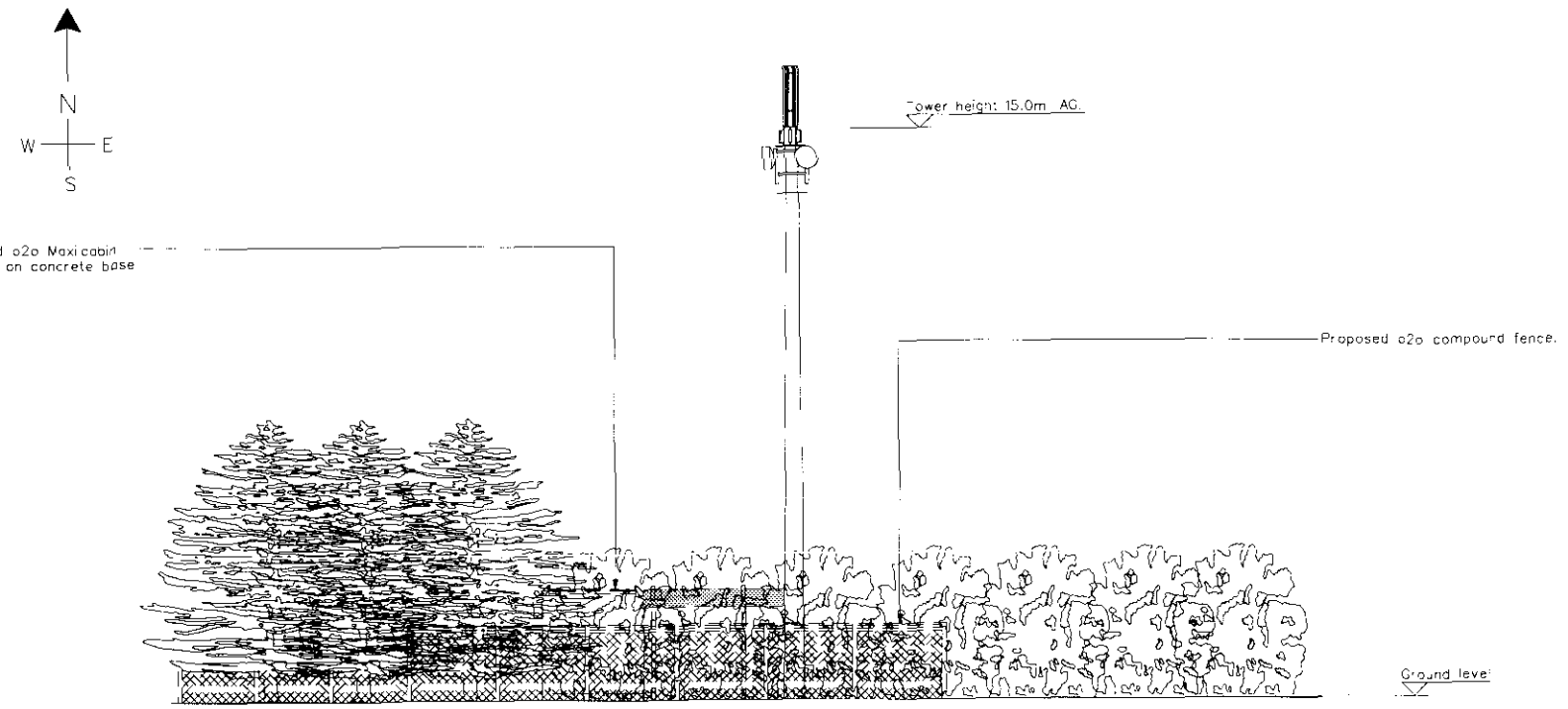
how Airwave service works



health and safety

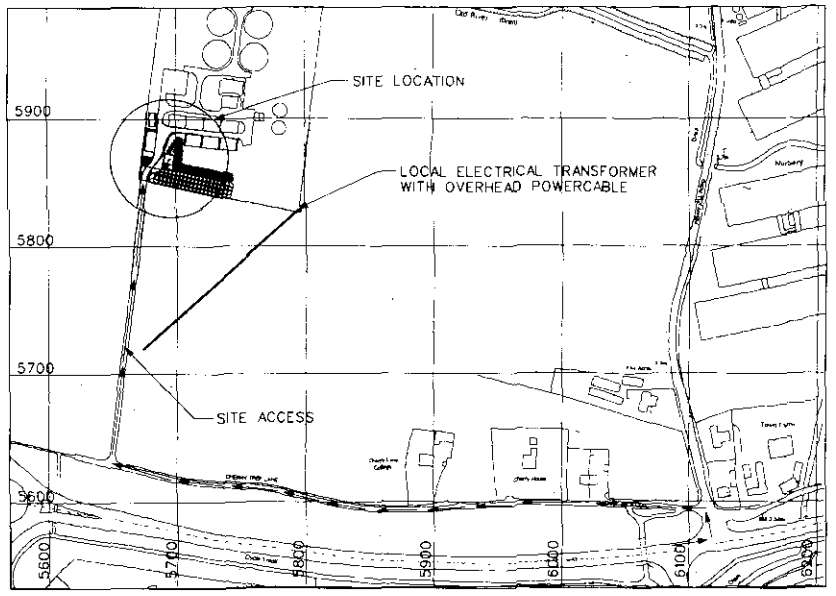
TETRA is an internationally recognised, proven system that has been successfully used by public safety organisations throughout Europe for a number of years. It is an open digital private mobile radio standard approved by the European Telecommunications Standards Institute (ETSI).

In common with other radio-based systems TETRA base stations and antennas are transceivers, transmitting and receiving in the radio spectrum and producing non-ionising RF (Radio Frequency) emissions. Airwave service works within International Commission on Non-ionizing Radiation Protection (ICNIRP) and National Radiological Protection Board (NRPB) guidelines.



EAST ELEVATION

SCALE 1:100



SITE LOCATION MAP

CELL: 65615 SITE ID:787269
NATIONAL GRID REFERENCE 535680/325856
Scale 1:2500

CAD File Ref No APT200.54_A

NOTES

1.1. Do not scale

1.2. All dimensions are in mm unless otherwise specified.

1.3. Assume all site details are existing unless otherwise specified.

o2o EQUIPMENT

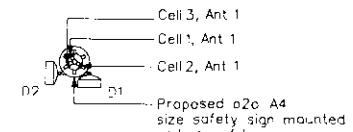
PROPOSED CABIN DETAILS :
o2o Ref : Portasilo Maxi Cabin
Dimensions : 2684 x 2684 x 2915 high
Material : Steel
Colour : Grey

PROPOSED TOWER DETAILS :
o2o ref : 15/PS/CP/SU/3/M

PROPOSED ANTENNA DETAILS :
3 No. cross polar antennas with orientation of 330°, 120° & 220°

PROPOSED DISH DETAILS :

DISH ID	D1	D2	D3	D4
DISH SIZE	600	600	600	600
HEIGHT m AGL	14	14		
BEARING °EGN	TBA	TBA		
SITE LINK	TBA	TBA		
SITE NAME	TBA	TBA		



Note : Refer to notes for antenna and dish orientations

o2o EQUIPMENT ON TOWER

Scale 1:100

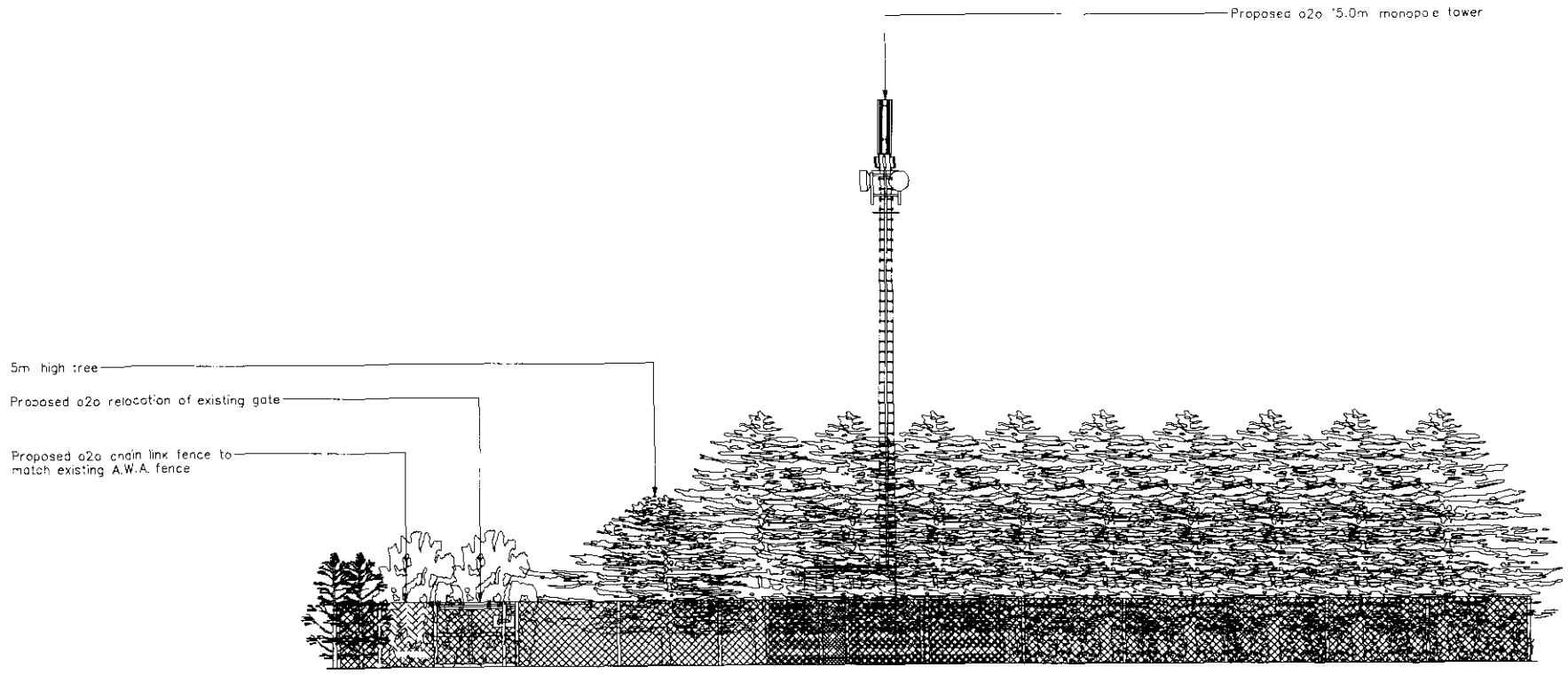
NOTE: ORIGINAL DRAWING SIZE A1

100mm ON ORIGINAL A1 DRAWING

SCALE 1:100 0 1 2 3 4 5 6 7 8 9 10m

SCALE 1:200 0 2 4 6 8 10 12 14 16 18 20m

143660



SOUTH ELEVATION

SCALE 1:100

Rev	Date	Amendments	Drawn By	Approved By

A·P·T

CAMBERLEY
Jupiter House
Albany Park
Camberley
Surrey GU16 7QA
Telephone: 01276 800000
01276 692098
Fax: 01276 683781
E-mail: customer.no@apt.uk.com

NORTHERN
Station Yard
Station Road
Ewarth
Sandiacre
Cheshire
CW11 3UG
Telephone: 01270 758100
Fax: 01270 758101

NEWCASTLE UPON TYNE
Walker House
2 Granville Road
Jesmond
Newcastle upon Tyne
NE2 1TP
Telephone: 0191 2120786
Fax: 0191 2121013

MIDLANDS
The Barns Farmdon Grange
Marston Lane, East Farndon
Market Harborough
Leicestershire LE16 9SL
Telephone: 01858 439300
Fax: 01858 439301

NORTHERN IRELAND
Probo House
123 - 127 York Street
Belfast
BT15 1AB
Telephone: 01232 336466
Fax: 01232 237201

SCOTLAND
Woodlands House
5 Annan Street
Glasgow G7 8ER
Telephone: 0141 5210539
Fax: 0141 5210849

NETHERLANDS
Albany Transmarkt B.V.
Kraanweg 60C
P.O. Box 3081
Hoofddorp, 2132 NA
Netherlands
Fax: 31 (0) 6533481

BELGIUM
Kontichsesteenweg 44
2800 Berchem
Antwerpen
Belgium
Telephone: 32 (0)3 2851700
Fax: 32 (0)3 238 26 40

Client: one2one

Client Ref: One 2 One Personal Communications Limited

Job Title: CELL - 65615
AWA HOLBEACH, CHERRY TREE LANE
OFF PENNY HILL ROAD, HOLBEACH
SPALDING, PE12 8NY

Drawing Title: SITE LAYOUT (PLANNING)
(SHEET 2 OF 2)

Scale	Site ID	Issue Date
AS SHOWN	787269	

Drawn by	Date	Checked by	Date	Approved by	Date
PG	04/12/00				

Drawing No. 98045/65615/MPC01/02

Rev.

CAD File Ref No APT20034_A

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.

o2o EQUIPMENT

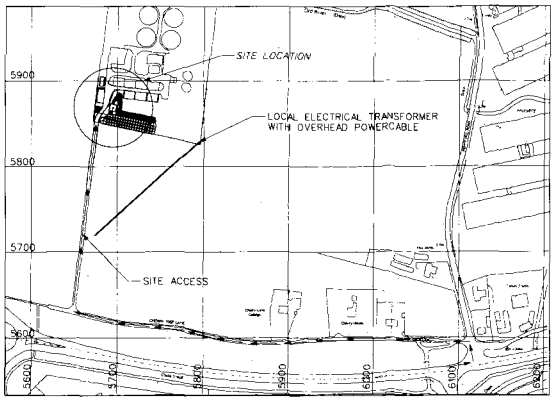
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Material : Steel
Colour : Grey

PROPOSED TOWER DETAILS :
o2o ref : 15/PS/CP/SU/3/M

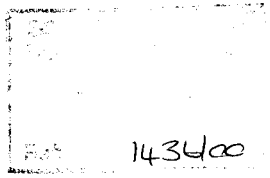
PROPOSED ANTENNA DETAILS :
3 No. cross polar antennas with orientation of 330°, 120° & 220°

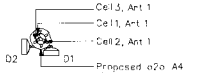
PROPOSED DISH DETAILS :

DISH ID	D1	D2	D3	D4
DISH SIZE	600	600	600	600
HEIGHT m AGL	14	14		
BEARING °TRUE N	TBA	TBA		
SITE LINK	TBA	TBA		
SITE NAME	TBA	TBA		



SITE LOCATION MAP
CELL: 65615 SITE ID:787269
NATIONAL GRID REFERENCE 535680/325856
Scale 1:2500





Proposed o2o A4 size safety sign mounted at base of tower.

Note : Refer to notes for antenna and dish orientations

o2o EQUIPMENT ON TOWER
Scale 1:100

NOTE: ORGINAL DRAWING SIZE A1

100mm ON ORIGINAL 'A' DRAWING

SCALE 1:100 0 1 2 3 4 5 6 7 8 9 10m
SCALE 1:200 0 2 4 6 8 10 12 14 16 18 20m

LAYOUT PLAN
SCALE 1:100

Rev	Date	Amendments	Drawn By	Approved By

A·P·T

Client: one2one

Client Ref: One 2 One Personal Communications Limited

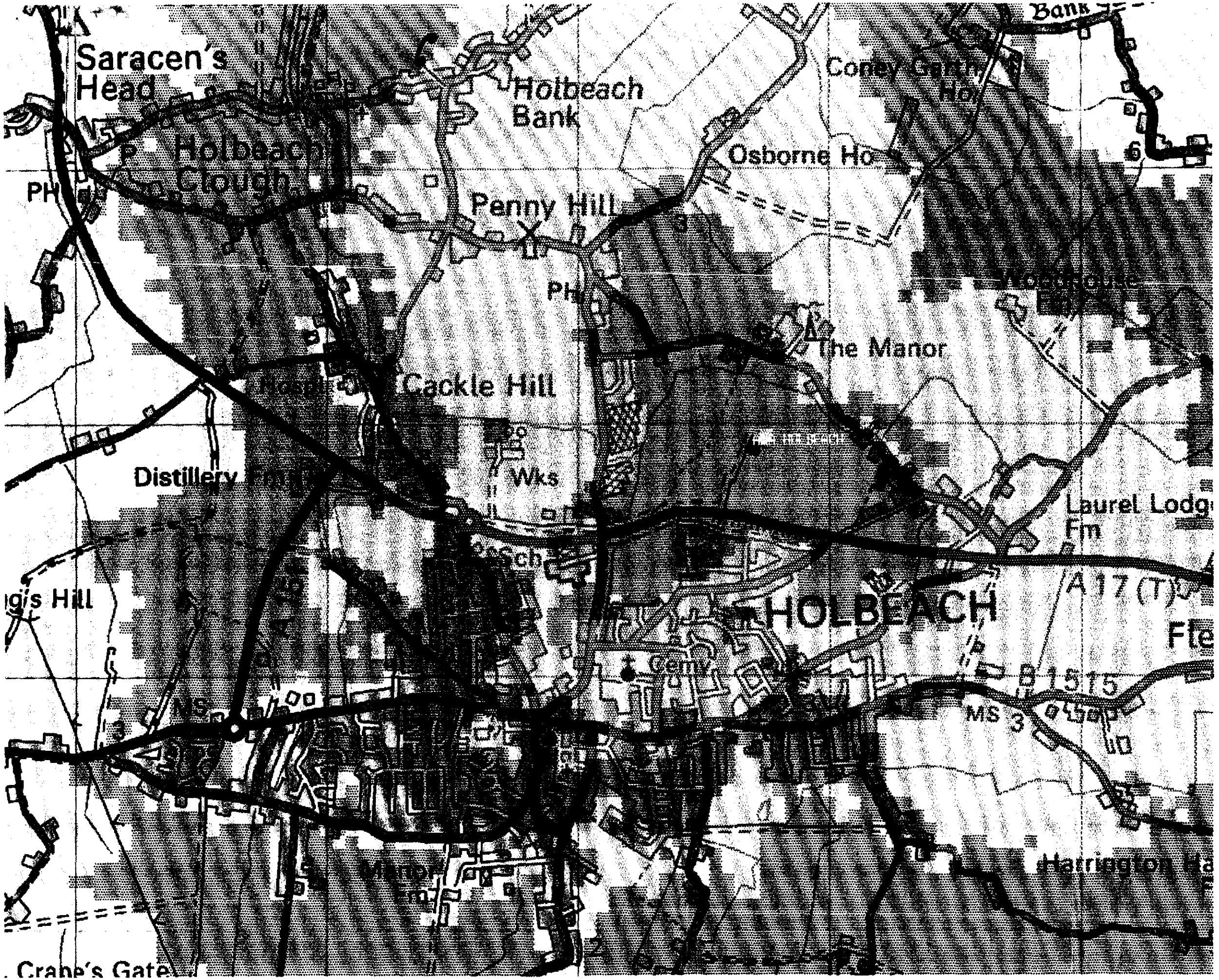
Job Title: CELL - 65615
AWA HOLBEACH, CHERRY TREE LANE
OFF PENNY HILL ROAD, HOLBEACH
SPALDING, PE12 8NY

Drawing Title: SITE LAYOUT (PLANNING)
(SHEET 1 OF 2)

Scale	Site ID	Issue Date
AS SHOWN	787269	

Drawn by	Date	Checked by	Date	Approved by	Date
PG	04/12/00				

Drawing No. 98045/65615/MPC01/01 Rev.



One2One Plot Ref: 9998

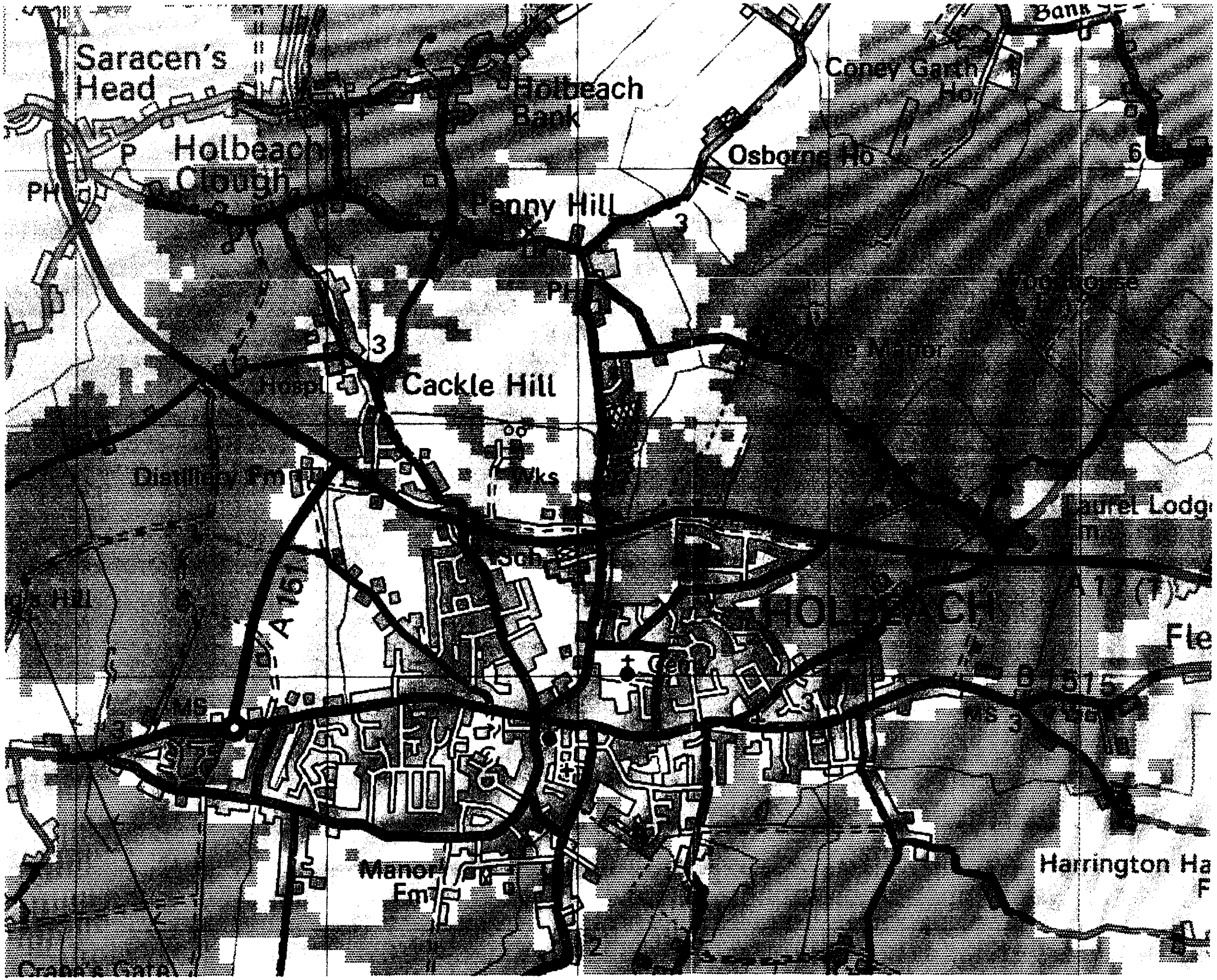
Cell 65615 AWA HOLBEACH

Coverage from proposed new site in isolation @ 15m.

Produced by Olayemi Akande
On 30 November 2000

143600

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One2One Plot Ref: 9997

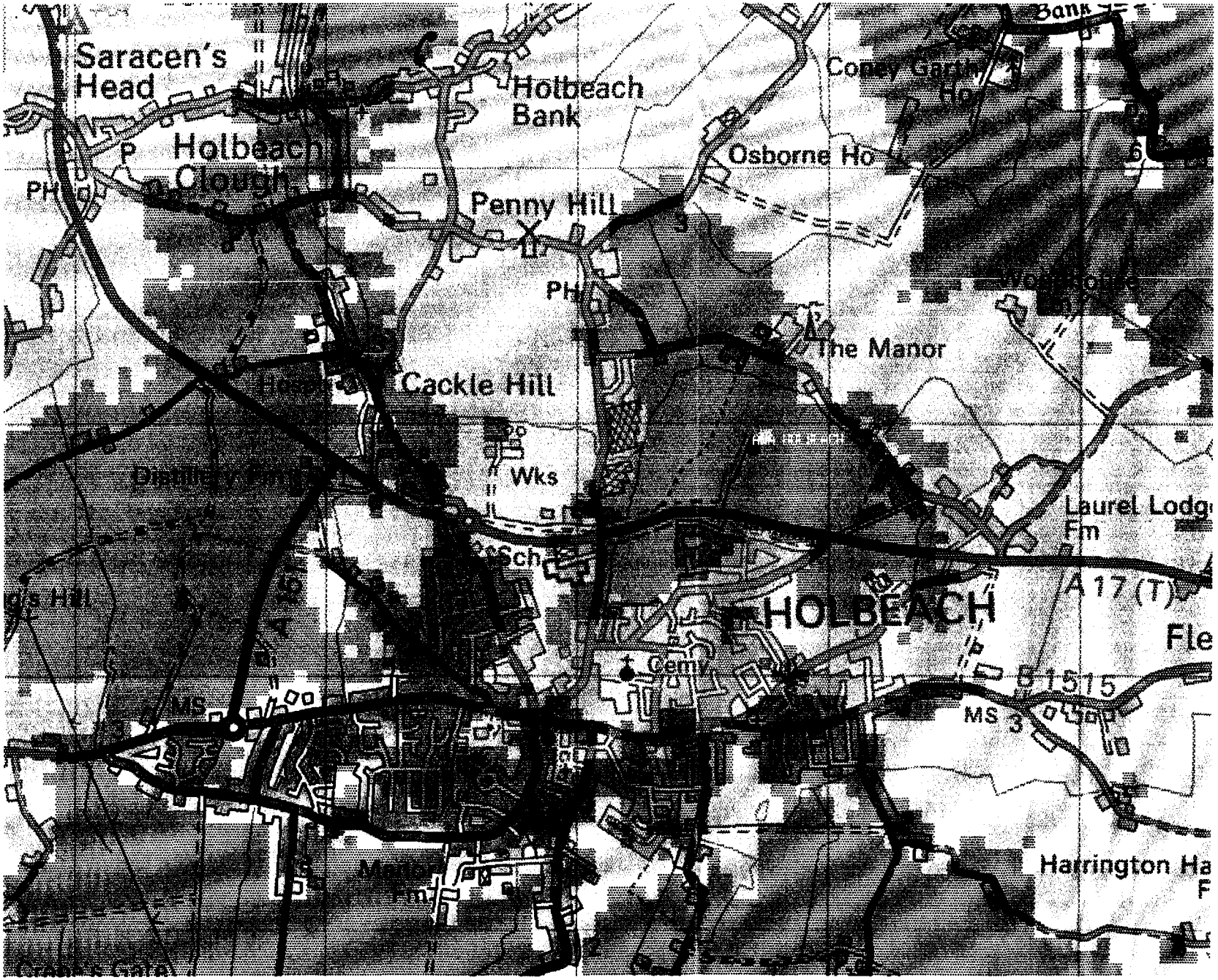
Cell 65615 AWA HOLBEACH

Coverage from existing and planned sites excluding the proposed new site.

Produced by Olayemi Akande
On 30 November 2000

143600

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One2One Plot Ref: 9999

Cell 65615 AWA HOLBEACH

Coverage from AWA Holbeach with existing and planned sites in the area.

Produced by Olayemi Akande
On 30 November 2000

1436100

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