

# EnviroSmart



## Phase 1 Contaminated Land Assessment

**Site address**

The White House  
Ashwell Road  
Newnham, Baldock  
Hertfordshire  
SG7 5JU

**Date issued**

March 2026

**Report status**

Final

**Grid Reference**

524840, 237920

**Site Area**

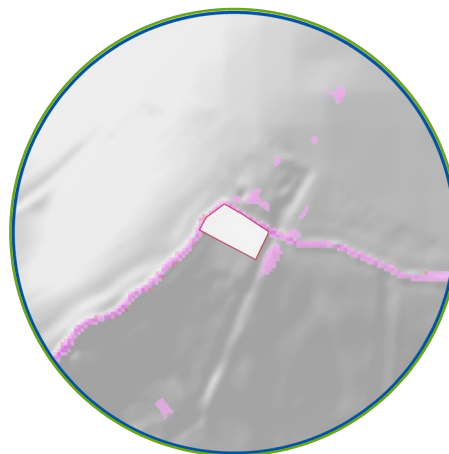
0.42 ha

**Report prepared for**

Richard Wainright-Lee  
The White House  
Ashwell Road  
Newnham Herts  
SG7 5JU

**Report reference**

90903R1



## Risk – Low

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient.

**Report author**

Emilia Dončić  
Project Consultant

**Report check & review**

Jessica Bayliff  
Principal Consultant

GeoSmart Information Ltd  
Suite 9-11, 1st Floor  
Old Bank Buildings  
Bellstone, Shrewsbury  
SY1 1HU  
+44(0)1743 298 100  
[info@geosmartinfo.co.uk](mailto:info@geosmartinfo.co.uk)  
[www.geosmartinfo.co.uk](http://www.geosmartinfo.co.uk)

## Executive Summary



The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

### Site analysis

|                                                                      |                 |  |
|----------------------------------------------------------------------|-----------------|--|
| 1. <b>Probability/likelihood</b> of a contaminant hazard at the Site | High likelihood |  |
|                                                                      | Likely          |  |
|                                                                      | Low likelihood  |  |
|                                                                      | <b>Unlikely</b> |  |
| 2. Potential <b>severity/consequence</b> of any impacts              | Severe          |  |
|                                                                      | <b>Medium</b>   |  |
|                                                                      | Mild            |  |
|                                                                      | Minor           |  |
| 3. <b>Overall land quality risks posed by the Site</b>               | Very high       |  |
|                                                                      | High            |  |
|                                                                      | Moderate        |  |
|                                                                      | Moderate/low    |  |
|                                                                      | <b>Low</b>      |  |
|                                                                      | Very low        |  |

### Summary of existing and proposed development

The Site is currently used within an agricultural capacity as a barn for the housing of livestock and associated field used for sheep grazing. Development proposals comprise the change of use and conversion of the barn to provide one self contained two-bed dwelling including single storey front and rear extensions, side porch extension and alterations to fenestration including parking and hardscaping.

### Environmental Setting

The underlying superficial geology consists of Alluvium which is classified as a Secondary (A) Aquifer and the bedrock geology consists of West Melbury Marly Chalk Formation which is classified as a Principal Aquifer.

The nearest water feature is the Cat Ditch, located adjacent to the north and west of the Site.

There are no environmentally sensitive land uses within 500 m of the Site.

### Site History

The Site was first developed in the 2010s as an agricultural barn for the housing of livestock. Prior to this, the Site was an undeveloped field which is understood to have been used for farming / sheep grazing since the 1930s. Off-Site land uses include mostly agricultural land and undeveloped fields, with a residential dwelling (The White House) associated with the Site located to the south.

### Radon

The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m<sup>3</sup>).

### Coal Mining

The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.

## Summary of Conceptual Site Model (CSM)

### Source of Contamination

Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils.  
Potential for volatile organic contaminants to be present within the subsurface soils.  
Limited potential for dissolved phase contaminants to be present within shallow groundwater.

### Receptors

Human Health, Controlled Water (Groundwater within the underlying superficial Secondary (A) aquifer and bedrock Principal aquifer; and the nearest surface water feature (Cat Ditch) along the Site boundary).

### Human Health (pathway)

Dermal contact, ingestion & inhalation of soils & soil dust. Consumption of home grown produce. Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors.

### Controlled Waters (pathway)

Dissolution into pore water/shallow groundwater and subsequent migration. Dissolution into aqueous phase and preferential migration via drainage structures. Lateral and vertical groundwater movement via natural or artificial flow paths.

## Preliminary Risk Assessment

Overall, the preliminary risk classification of the Site in relation to the proposed redevelopment is considered to be **Low**.

## Recommendations / Next Steps

### No immediate action but observe a watching brief

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient.

# 1. Introduction



## 1.1 Background

The study site (from herein known as 'the Site') is situated at The White House in Ashwell Road, Newnham, Baldock. A location plan of the Site is shown in Section 1.5. A proposed development plan of the Site is shown in Section 1.6.

GeoSmart was commissioned by Richard Wainright-Lee in March 2026 to undertake a Phase 1 Land Quality Assessment for the Site. The report has been requested by North Hertfordshire District Council in order to support Planning Application Reference 25/01361/FP.

The proposed development is for the change of use and conversion of the barn to provide one self contained two-bed dwelling including single storey front and rear extensions, side porch extension and alterations to fenestration including parking and hardscaping.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

## 1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

## 1.3 Report contents

This report is divided into two sections, as described below:

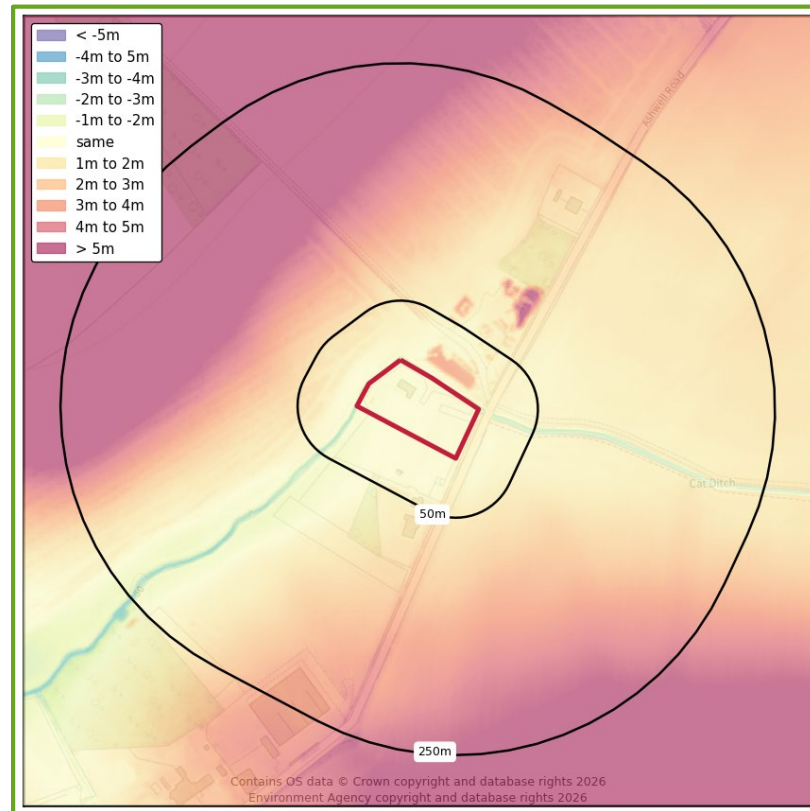
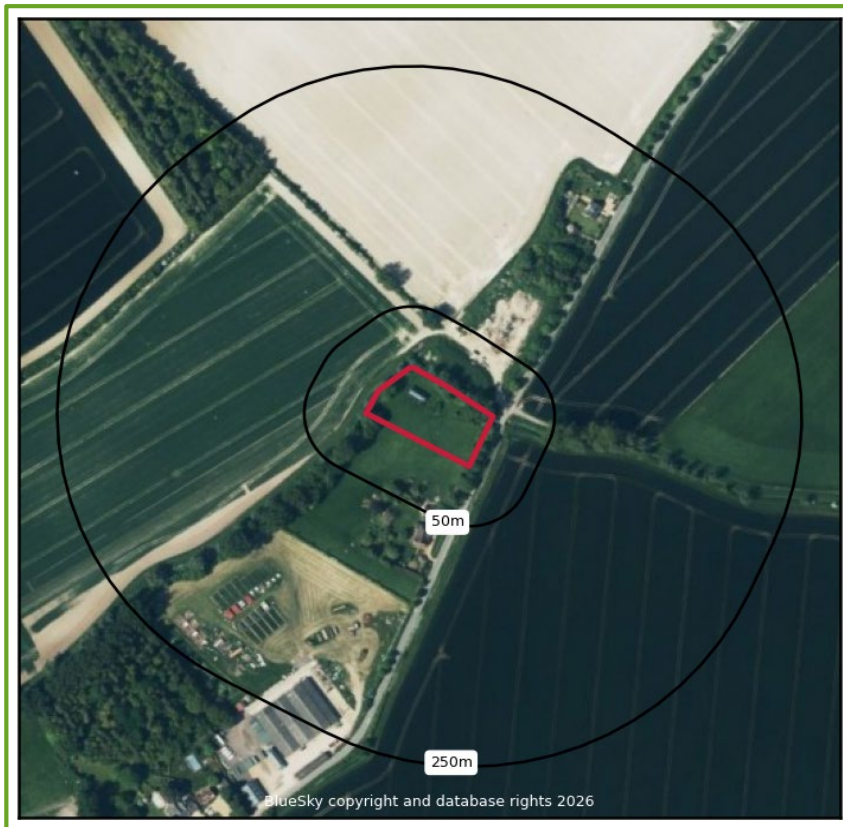
| Section                                          | Content                                                                                                                                 | Purpose                                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Section 2:<br><b>LAND QUALITY<br/>ASSESSMENT</b> | A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations | To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present  |
| Section 3:<br><b>SUPPORTING<br/>INFORMATION</b>  | A collection of site specific information on which the land quality assessment is based                                                 | To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments |

## 1.4 Report limitations

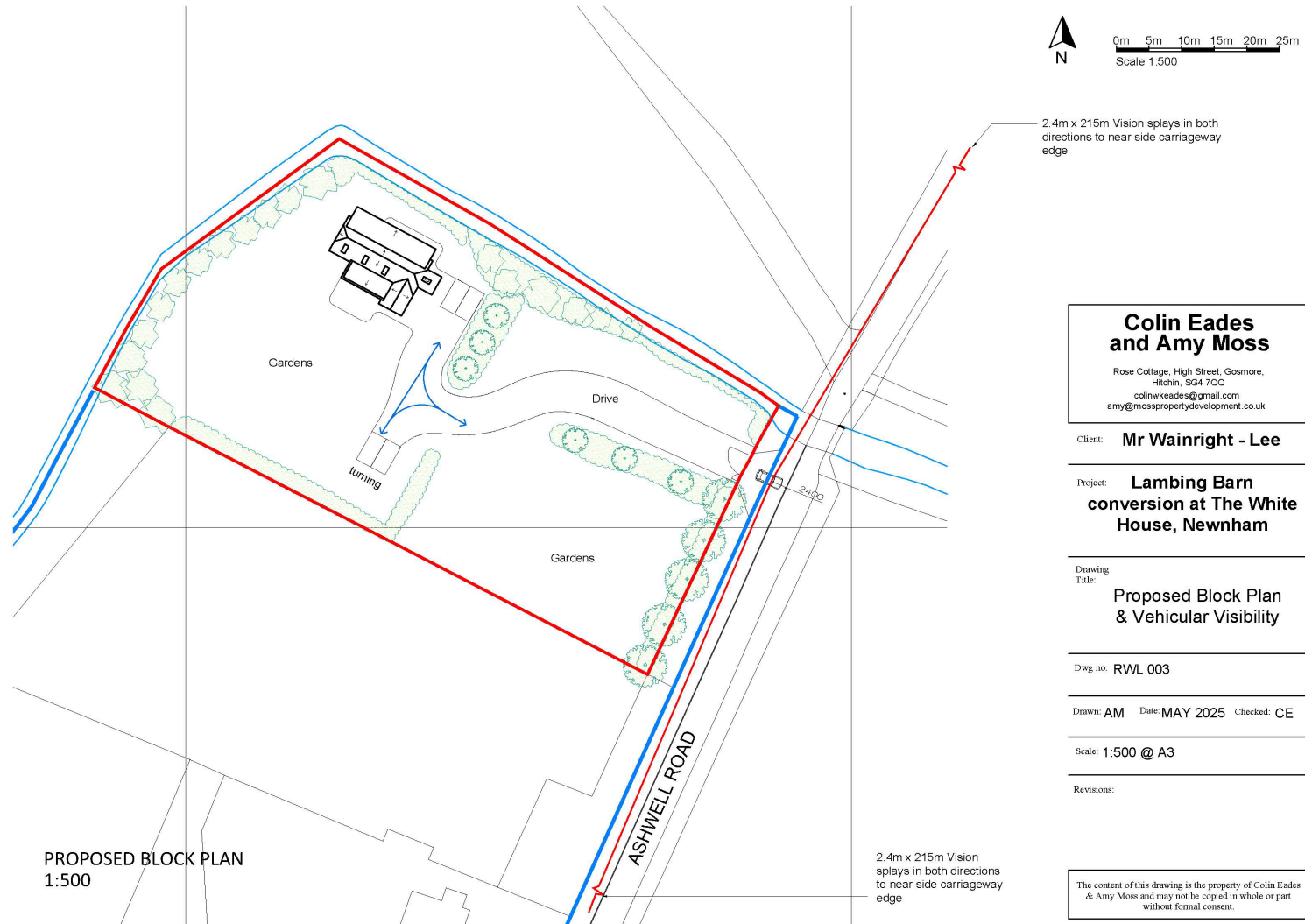
It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the Site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

## 1.5 Site location plan & topography maps



## 1.6 Proposed Site development plan



## 2. Land quality assessment



### 2.1 Site details

|               |                         |                     |                                                              |
|---------------|-------------------------|---------------------|--------------------------------------------------------------|
| Site name:    | The White House         | Current land cover: | Majority softstanding (>90%) with some building cover (<10%) |
| Current use:  | Agricultural land       |                     |                                                              |
| Proposed use: | Residential with garden | Site area:          | 0.42 ha                                                      |

### 2.2 Conceptual understanding (potential sources of contamination)

| <div></div> <div>Site history</div> <div>(historical land use taken within 250m radius of the Site boundary)</div> | Date               | Description of land use          |                                                                                                                                             | POTENTIAL SOURCES OF CONTAMINATION | Source description                                                                                                                                                                                                                                                                                                                                                                                                        | LOW LIKELIHOOD | PROBABILITY OF CONTAMINATION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
|                                                                                                                                                                                                     |                    | On-Site                          | Off-Site                                                                                                                                    |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                              |
|                                                                                                                                                                                                     | 1877               | The Site is undeveloped (field). | The land in the locality of the Site is largely undeveloped (fields). A watercourse is mapped along the northern and western Site boundary. |                                    | The land use history suggests that there is the potential for contamination to have occurred <u>on and off-Site</u> relating to the following:                                                                                                                                                                                                                                                                            |                |                              |
|                                                                                                                                                                                                     | 1882 - 84          | No discernible changes.          |                                                                                                                                             |                                    | <b>Agricultural land &amp; buildings:</b>                                                                                                                                                                                                                                                                                                                                                                                 |                |                              |
|                                                                                                                                                                                                     | 1898               | No discernible changes.          |                                                                                                                                             |                                    | - Bulk storage of fuels and/or miscellaneous chemicals.                                                                                                                                                                                                                                                                                                                                                                   |                |                              |
|                                                                                                                                                                                                     | 1899               | No discernible changes.          |                                                                                                                                             |                                    | - Miscellaneous small scale fuel and chemical spills (i.e., fuels used for heating/agricultural machinery/other vehicles, oils and lubricants, herbicides/pesticides, fertilisers, paints/thinners, creosote, etc.).                                                                                                                                                                                                      |                |                              |
|                                                                                                                                                                                                     | 1901               | No discernible changes.          |                                                                                                                                             |                                    | - Potential for localised/historical deposition of domestic/agricultural waste materials. <i>Note: there is no direct evidence, including topographic evidence, that any such waste disposal or infilling activities have taken place on the Site. Also, given the open nature of the wider site, it is considered unlikely that any significant wastes were deposited in close proximity to the existing structures.</i> |                |                              |
|                                                                                                                                                                                                     | 1924               | No discernible changes.          |                                                                                                                                             |                                    | - Made Ground associated with former development/demolition activities.                                                                                                                                                                                                                                                                                                                                                   |                |                              |
|                                                                                                                                                                                                     | 1925               | No discernible changes.          |                                                                                                                                             |                                    | - Animal effluent from the housing of livestock within the on-site buildings.                                                                                                                                                                                                                                                                                                                                             |                |                              |
|                                                                                                                                                                                                     | 1938               | No changes on-Site.              | An undefined structure / building is mapped c. 65 m south.                                                                                  |                                    | (continued overleaf)                                                                                                                                                                                                                                                                                                                                                                                                      |                |                              |
|                                                                                                                                                                                                     | 1950               | No discernible changes.          |                                                                                                                                             |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                              |
|                                                                                                                                                                                                     | 1960               | No discernible changes.          |                                                                                                                                             |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                              |
|                                                                                                                                                                                                     | 1968 (partial map) | No discernible changes.          |                                                                                                                                             |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                              |

## 2.2 Conceptual understanding (potential sources of contamination)

| <div></div> <div><b>Site history</b><br/>(historical land use taken within 250m radius of the Site boundary)</div> | Date                     |  | Description of land use                                                  |                                                                                                     | <div>POTENTIAL SOURCES OF CONTAMINATION</div> | Source description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <div>LOW LIKELIHOOD</div> <div>PROBABILITY OF CONTAMINATION</div> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|
|                                                                                                                                                                                                     |                          |  | On-Site                                                                  | Off-Site                                                                                            |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1968 - 69                |  | No changes on-Site.                                                      | The building c. 65 m south is mapped as White House.                                                |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1970 (partial map)       |  | No discernible changes.                                                  |                                                                                                     |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1983 - 86                |  | No changes on-Site.                                                      | The watercourse along the Site boundary is mapped as the Cat Ditch.                                 |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1993                     |  | No changes on-Site.                                                      | An additional building is mapped c. 50 m south, associated with White House.                        |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1999                     |  | No discernible changes.                                                  |                                                                                                     |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 1999 - 05 (aerial image) |  | No significant changes on-Site. The Site appears to be used for grazing. | No discernible changes off-Site.                                                                    |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 2006                     |  | No discernible changes.                                                  |                                                                                                     |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 2008 - 12 (aerial image) |  | No changes on-Site.                                                      | Some exavation works appear to be mapped c. 35 m northeast.                                         |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 2020 - 25 (aerial image) |  | An agricultural barn is mapped in the west of the Site.                  | A builder's yard appears to be mapped c. 75 m northeast, adjacent to the identified excavated land. |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 2025                     |  | No discernible changes.                                                  |                                                                                                     |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     | 2026                     |  | No discernible changes.                                                  |                                                                                                     |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                   |
|                                                                                                                                                                                                     |                          |  |                                                                          |                                                                                                     |                                               | <p>- Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.</p> <p>- Localised disposal of effluent wastes.</p> <p>The land use history suggests that there is the potential for contamination to have occurred <u>off-Site</u> relating to the following:</p> <p><b>Builder's yard:</b></p> <ul style="list-style-type: none"><li>- Potential for bulk storage of fuels and/or miscellaneous chemicals.</li><li>- Miscellaneous small scale fuel and oil spills relating to the presence of vehicles /parking associated with the builders yard.</li><li>- Potential for localised/historical deposition of construction waste materials / effluent.</li><li>- Made Ground associated with former development / demolition activities.</li><li>- Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.</li></ul> <p><i>Note: given the reasonable distance to the Site (c. 75 m), any potential localised contamination associated with the builder's yard is unlikely to present a significant risk to future Site users. As such, this source will not be carried forward into the risk assessment.</i></p> |  |                                                                   |

## 2.2 Conceptual understanding (potential sources of contamination)

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Additional<br/>information</b> | <p>According to information provided by the client, the buildings on-Site were constructed in c. 2016 and the Site has been farmed since the 1930s.</p> <p>An Archaeological Investigation report was provided for the Site by The Heritage Network Ltd in 2010, prior to the construction of the barn, which includes details on three trenches excavated on-Site; one in the west of the Site (Trench 1), one in the centre (Trench 2) and the third in the east (Trench 3). The trenches were dug to maximum depths of 1.2 m, 0.93 m and 0.87 m below ground level (bgl), respectively. The trenches indicate the absence of Made Ground deposits to their maximum depths.</p> |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 2.2 Conceptual understanding (potential sources of contamination)

| <div></div> <div>Current land use</div>                                                                                             | <p>The Site is currently used in an agricultural capacity as a barn and sheep grazing pasture.</p> <p>There are no known buried storage tanks at the Site.</p> <p>There is no known bulk fuel or chemical storage on Site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |  | POTENTIAL SOURCES OF CONTAMINATION | <p>Given the Site's current use, there is potential for localised contamination relating to the following:</p> <p>- Miscellaneous small scale fuel and chemical spills.</p> <p>- Animal effluent.</p> | LOW LIKELIHOOD                        |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------|----------|---|---|-----------|---|---|----|------------------|-----------------------------------------------|---|----|----------------------|---|----|-----------------------------------------------------------------------|---|----|-------------------------------|---|----|-------------------------------------------------|---|----|---------------------------------------------------------------------|---|----|------------------|---|----|---------------------------------------|---|----|-------------------------------------------|---|----|-----------------------------------------------------------------------------------------------|---|----|----------------------------------------|---|----|---------------------------------------------------|---|----|--------------------------------------------------------|---|----|---------------------------------------------------------------|---|----|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <div></div> <div>Neighbouring industrial land uses</div> <div>(see environmental data report in Section 3.3 for full listing)</div> | <p>No potentially contaminative land uses are located within 100 m of the Site.</p> <table><tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr><tr><td>1 - 50 m</td><td>0</td><td>0</td></tr><tr><td>51 - 100m</td><td>0</td><td>0</td></tr></table> <table><tr><th>Nr</th><th>Nearest distance</th><th>Land use / permitted activity / authorisation</th></tr><tr><td>0</td><td>NA</td><td>Fuel station entries</td></tr><tr><td>0</td><td>NA</td><td>Points of interest (commercial services / manufacturing &amp; production)</td></tr><tr><td>0</td><td>NA</td><td>Underground electrical cables</td></tr><tr><td>0</td><td>NA</td><td>Control of major accident hazards sites (COMAH)</td></tr><tr><td>0</td><td>NA</td><td>Notification of installations handling hazardous substances (NIHHS)</td></tr><tr><td>0</td><td>NA</td><td>Explosives sites</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance consents</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance enforcements</td></tr><tr><td>0</td><td>NA</td><td>Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990</td></tr><tr><td>0</td><td>NA</td><td>Records of Licensed Discharge Consents</td></tr><tr><td>0</td><td>NA</td><td>Integrated pollution prevention and control sites</td></tr><tr><td>0</td><td>NA</td><td>Local Authority pollution prevention and control sites</td></tr><tr><td>0</td><td>NA</td><td>Local Authority pollution prevention and control enforcements</td></tr><tr><td>0</td><td>NA</td><td>Records of Category 3 or 4 Radioactive Substance Licences</td></tr></table> |                                                                                               |  |                                    | Distance from Site                                                                                                                                                                                    | Number of active industrial land uses | Number of inactive industrial land uses | 1 - 50 m | 0 | 0 | 51 - 100m | 0 | 0 | Nr | Nearest distance | Land use / permitted activity / authorisation | 0 | NA | Fuel station entries | 0 | NA | Points of interest (commercial services / manufacturing & production) | 0 | NA | Underground electrical cables | 0 | NA | Control of major accident hazards sites (COMAH) | 0 | NA | Notification of installations handling hazardous substances (NIHHS) | 0 | NA | Explosives sites | 0 | NA | Planning hazardous substance consents | 0 | NA | Planning hazardous substance enforcements | 0 | NA | Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990 | 0 | NA | Records of Licensed Discharge Consents | 0 | NA | Integrated pollution prevention and control sites | 0 | NA | Local Authority pollution prevention and control sites | 0 | NA | Local Authority pollution prevention and control enforcements | 0 | NA | Records of Category 3 or 4 Radioactive Substance Licences | <p>Given the absence of any current potentially contaminative land uses/activities within 100 m of the Site no associated contamination hazards have been identified.</p> | NEGLECTIBLE |
| Distance from Site                                                                                                                                                                                                   | Number of active industrial land uses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Number of inactive industrial land uses                                                       |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 1 - 50 m                                                                                                                                                                                                             | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                                                                                             |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 51 - 100m                                                                                                                                                                                                            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                                                                                             |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| Nr                                                                                                                                                                                                                   | Nearest distance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Land use / permitted activity / authorisation                                                 |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fuel station entries                                                                          |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Points of interest (commercial services / manufacturing & production)                         |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Underground electrical cables                                                                 |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Control of major accident hazards sites (COMAH)                                               |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Notification of installations handling hazardous substances (NIHHS)                           |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Explosives sites                                                                              |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Planning hazardous substance consents                                                         |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Planning hazardous substance enforcements                                                     |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990 |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Records of Licensed Discharge Consents                                                        |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Integrated pollution prevention and control sites                                             |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Local Authority pollution prevention and control sites                                        |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Local Authority pollution prevention and control enforcements                                 |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
| 0                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Records of Category 3 or 4 Radioactive Substance Licences                                     |  |                                    |                                                                                                                                                                                                       |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |
|                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                               |  |                                    | PROBABILITY OF CONTAMINATION                                                                                                                                                                          |                                       |                                         |          |   |   |           |   |   |    |                  |                                               |   |    |                      |   |    |                                                                       |   |    |                               |   |    |                                                 |   |    |                                                                     |   |    |                  |   |    |                                       |   |    |                                           |   |    |                                                                                               |   |    |                                        |   |    |                                                   |   |    |                                                        |   |    |                                                               |   |    |                                                           |                                                                                                                                                                           |             |

## 2.2 Conceptual understanding (potential sources of contamination)

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|  <p><b>EA recorded pollution incidents</b><br/><i>(see environmental data report in Section 3.3 for full listing)</i></p>                                        | <p>No Environment Agency pollution incidents have been recorded within 250 m of the Site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p><b>POTENTIAL SOURCES OF CONTAMINATION</b></p> | <p>No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.</p>                                                                                                                                                                                                                                                                                                                                                                       | <p><b>NEGLECTIBLE</b></p> | <p><b>PROBABILITY OF CONTAMINATION</b></p> |
|  <p><b>Landfills / waste sites</b><br/><i>(taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)</i></p> | <p>There are no BGS recorded landfills located within 500 m of the Site.</p> <p>There are no Environment Agency listed historical landfills located within 500 m of the Site.</p> <p>There are no registered landfills located within 500 m of the Site.</p> <p>There are no Local Authority listed historical landfills located within 500 m of the Site.</p> <p>There are no areas of potentially infilled land recorded within 250 m of the Site.</p> <p>The following other waste sites are registered within 250 m of the Site:</p> <ul style="list-style-type: none"> <li>0 Records of registered waste transfer sites.</li> <li>0 Records of registered waste treatment or disposal sites.</li> <li>0 Records of licenced waste management facilities.</li> </ul> |                                                  | <p>Given the absence of any historical or operational landfills within close proximity of the Site no associated contamination hazards have been identified.</p> <p>Given the absence of any recorded areas of infilled ground within close proximity of the Site no associated contamination hazards have been identified.</p> <p>Given the absence of any waste treatment, transfer or disposal sites within close proximity of the Site no associated contamination hazards have been identified.</p> | <p><b>NEGLECTIBLE</b></p> |                                            |

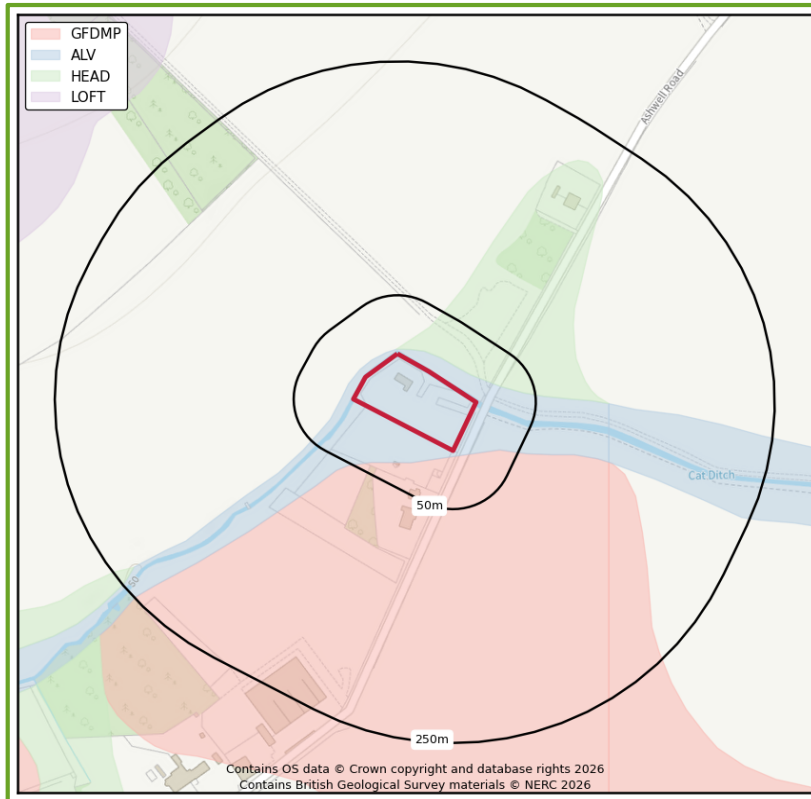
## 2.2 Conceptual understanding (potential sources of contamination)

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| <p><b>Rn</b></p> <p><b>Radon</b><br/>(see environmental data report in Section 3.3 for full listing)</p> | <p>According to current UK radon mapping the Site lies in an area where &lt;1% of homes are at or above the UK radon action level (200 Bq/m3).</p> | <p>POTENTIAL SOURCES OF CONTAMINATION</p> | <p>&lt;1% of homes are at or above the UK radon action level (200 Bq/m3).</p> | <p>UNLIKELY</p> | <p>PROBABILITY OF CONTAMINATION</p> |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------|-----------------|-------------------------------------|

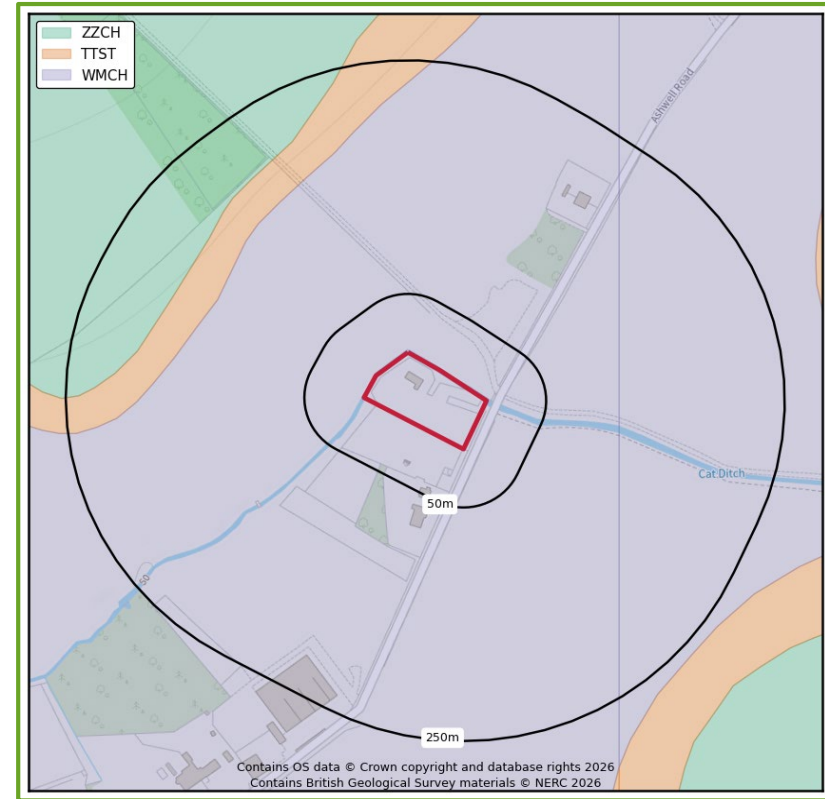
## 2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

|                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                 |
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|  <p><b>Geology and Groundwater</b><br/><i>(see the environmental data report in Section 3.3 for full details)</i></p> | <p>British Geological Survey mapping indicates that the underlying superficial geology consists of Alluvium (ALV) which comprises clay, silt, sand and gravel and is classified as a Secondary (A) Aquifer.</p> <p>British Geological Survey mapping indicates that the bedrock geology consists of West Melbury Marly Chalk Formation (WMCH) which comprises of chalk and is classified as a Principal Aquifer.</p> <p>According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2026), the risk of groundwater flooding at the Site is 'moderate'.</p> <p>The Site does not lie within a groundwater Source Protection Zone (SPZ).</p> <p>There are no groundwater abstraction licences within 250 m of the Site.</p> | <p><b>POTENTIAL RECEPTORS</b></p> <p>A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.</p> <p>A Principal Aquifer comprises rock or drift deposits that have high permeability - meaning they usually provide a high level of water storage. They may support strategic water supply and/or river base flow.</p> <p>Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment should be considered for the Site.</p> <p>The depth to groundwater beneath the Site is unknown.</p> <p>The absence of any groundwater abstractions does not necessarily indicate a low resource potential. Small scale abstractions, such as for private water supplies, may not be listed.</p> | <p><b>SEVERE</b></p> <p><b>POTENTIAL SEVERITY OF IMPACT</b></p> |
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Superficial Geology (BGS, 2026)



Bedrock Geology (BGS, 2026)



## 2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------|
|  <p><b>Geohazards</b><br/><i>(see the environmental data report in Section 3.3 for full details)</i></p> | <p>The Site does not lie within a 'Coal Mining Reporting Area'.</p> <p>There are no brine affected areas within 75 m of the Site.</p> <p>No or limited artificial ground / Made Ground is anticipated on Site.</p> <p>The following natural hazards are present at or within 50 m of the Site:</p> <p>Compressible ground deposits</p> | <p><b>POTENTIAL RECEPTORS</b></p> | <p>The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.</p> <p>The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues.</p> <p>BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site. Additionally, trenches excavated on Site as part of an Archaeological Investigation at the Site (The Heritage Network Ltd, 2010) prior to the construction of the barn, indicated the absence of Made Ground deposits at the Site (it is noted that some Made Ground may be present as a result of the construction of the existing barn).</p> <p>The Site has ground stability hazards that should be considered further as part of the redevelopment plans.</p> | <p><b>MILD</b></p> | <p><b>POTENTIAL SEVERITY OF IMPACT</b></p> |
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## 2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------|
|  <p><b>Surface water</b><br/><i>(see the environmental data report in Section 3.3 for full details)</i></p>              | <p>The nearest water feature is the Cat Ditch, located adjacent to the north and west of the Site.</p> <p>The Site lies within a 1 in 100 (Zone 3) year flood risk zone.</p> <p>The following surface water abstraction licences are held within 250 m of the Site:</p> <p>Ae &amp; Wa Farr Limited surface water abstraction in the east of the Site. Further details have not been supplied.</p> <p>A E And W A Farr Limited surface water abstraction for spray irrigation located in the southeast of the Site.</p> <p>A E &amp; W A Farr Ltd surface water abstraction from a single point for spray irrigation located c. 15 m southwest of the Site. Two entries.</p> | <b>POTENTIAL RECEPTORS</b> | <p>The relatively close proximity of the identified surface water feature(s) suggests that a potential linkage could occur if any contamination were present on Site. Mobile contamination may potentially enter nearby water features via any shallow groundwater or possibly via preferential flow pathways such as buried services.</p> | <b>MEDIUM</b>      | <b>POTENTIAL SEVERITY OF IMPACT</b> |
|  <p><b>Environmental designations</b><br/><i>(see the environmental data report in Section 3.3 for full details)</i></p> | <p>There are no environmentally sensitive land uses within 250 m of the Site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            | <p>No relevant environmentally designated sites/receptors have been identified.</p>                                                                                                                                                                                                                                                        | <b>NEGLECTIBLE</b> |                                     |
|  <p><b>Human receptors</b></p>                                                                                         | <p>Proposed residents/users of the Site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            | <p>Human receptors are proposed to be present on Site.</p>                                                                                                                                                                                                                                                                                 | <b>SEVERE</b>      |                                     |

## 2.4 Regulator perspective

|                      |                                                                                                                    |                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| GeoSmart consultant  | Emilia Dončić                                                                                                      | North Hertfordshire District Council |
| Consultation outcome | The Council declines to answer any queries relating to the Site other than through formal chargeable consultation. |                                      |

## 2.5 Preliminary Risk Assessment

| Nr                                                         | Sources                                                                                                                 | Pathways                                                                          | TYPE | Receptors                                                | Consequence   | Probability     | Risk classification | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|----------------------------------------------------------|---------------|-----------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>On-Site sources:</b><br>- agricultural land & buildings |                                                                                                                         |                                                                                   |      |                                                          |               |                 |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                          | Potential for <b>inorganic</b> and low volatility organic contaminants to be present within the subsurface <b>soils</b> | Dermal contact, ingestion & inhalation of soils & soil dust                       | HH   | Future Site occupants                                    | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | The risk classifications reflect the known use of the Site in an agricultural capacity, including the housing of livestock, there is potential for some localised ground contamination to be present on Site (although it is noted that the Site was used solely for sheep grazing prior to the 2010s). Residual contamination has the potential to impact on future residential Site users, although significant sources of contamination are not anticipated. |
| 2                                                          |                                                                                                                         | Consumption of home grown produce                                                 | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                                          |                                                                                                                         | Ingress into water supply pipework and subsequent water ingestion                 | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                                          |                                                                                                                         | Building materials in direct contact with aggressive ground                       | PROP | Future Site buildings                                    | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | Aggressive ground conditions are not anticipated to be present.                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                                          |                                                                                                                         | Dissolution into pore water/shallow groundwater and subsequent migration          | CW   | Alluvium (a Secondary (A) Aquifer)                       | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | The potential presence of some localised inorganic and low volatility contaminants could impact groundwater quality within the underlying aquifers as well as the adjacent watercourse. However, it is noted that the Site is not located within an SPZ, and there are no licensed groundwater abstractions within 250 m of the Site.                                                                                                                           |
| 6                                                          |                                                                                                                         | Dissolution into pore water/shallow groundwater and subsequent migration          | CW   | West Melbury Marly Chalk Formation (a Principal Aquifer) | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7                                                          |                                                                                                                         | Dissolution into pore water/shallow groundwater and subsequent lateral migration  | CW   | Cat Ditch (adjacent to the north and west)               | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8                                                          |                                                                                                                         | Dissolution into aqueous phase and preferential migration via drainage structures | CW   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## 2.5 Preliminary Risk Assessment

| Nr | Sources                                                                                             | Pathways                                                                          | TYPE | Receptors                                                | Consequence   | Probability     | Risk classification | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|----------------------------------------------------------|---------------|-----------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9  | Potential for <b>volatile organic</b> contaminants to be present within the subsurface <b>soils</b> | Dermal contact, ingestion & inhalation of soils & soil dust                       | HH   | Future Site occupants                                    | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | The risk classifications reflect Given the known use of the Site in an agricultural capacity, including the housing of livestock, there is potential for some localised ground contamination to be present on Site (although it is noted that the Site was used solely for sheep grazing prior to the 2010s). Residual contamination has the potential to impact on future residential Site users, although significant sources of contamination are not anticipated. The client has noted the absence of any bulk fuel / chemical storage at the Site. |
| 10 |                                                                                                     | Consumption of home grown produce                                                 | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11 |                                                                                                     | Ingress into water supply pipework and subsequent water ingestion                 | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12 |                                                                                                     | Migration of vapours to surface; inhalation indoors                               | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 13 |                                                                                                     | Migration of vapours to surface; inhalation outdoors                              | HH   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 14 |                                                                                                     | Dissolution into pore water/shallow groundwater and subsequent migration          | CW   | Alluvium (a Secondary (A) Aquifer)                       | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | The potential presence of some localised organic contaminants could impact groundwater quality within the underlying aquifers as well as the adjacent watercourse. However, it is noted that the Site is not located within an SPZ, and there are no licensed groundwater abstractions within 250 m of the Site.                                                                                                                                                                                                                                        |
| 15 |                                                                                                     | Dissolution into pore water/shallow groundwater and subsequent migration          | CW   | West Melbury Marly Chalk Formation (a Principal Aquifer) | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 16 |                                                                                                     | Dissolution into pore water/shallow groundwater and subsequent migration          | CW   | Cat Ditch (adjacent to the north and west)               | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 17 |                                                                                                     | Dissolution into aqueous phase and preferential migration via drainage structures | CW   |                                                          | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## 2.5 Preliminary Risk Assessment

| Nr | Sources                                                                                           | Pathways                                                                               | TYPE | Receptors                                                | Consequence   | Probability     | Risk classification      | Comments                                                                                                                                                                                                                                           |
|----|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------|----------------------------------------------------------|---------------|-----------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18 | Potential for <b>asbestos</b> containing materials within the subsurface <b>soils</b>             | Liberation of sub surface ACMs and inhalation of asbestos fibres                       | HH   | Future Site occupants                                    | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>          | Given the absence of any permanent or temporary structures on the Site historically, and the age of the existing building structures, asbestos-containing material are unlikely to be present within the building fabric and surrounding subsoils. |
| 19 | Potential for <b>dissolved phase</b> contaminants to be present within <b>shallow groundwater</b> | Lateral and vertical groundwater movement via natural or artificial flow paths         | CW   | Alluvium (a Secondary (A) Aquifer)                       | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>          | The risk classifications reflect the likely absence of any significant sources of dissolved phase contamination.                                                                                                                                   |
| 20 |                                                                                                   | Lateral and vertical groundwater movement via natural or artificial flow paths         | CW   | West Melbury Marly Chalk Formation (a Principal Aquifer) | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>          |                                                                                                                                                                                                                                                    |
| 21 |                                                                                                   | Lateral and vertical groundwater movement via natural or artificial flow paths         | CW   | Cat Ditch (adjacent to the north and west)               | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>          |                                                                                                                                                                                                                                                    |
| 22 | Potential for elevated <b>methane</b> to be present within the sub-surface <b>soils</b>           | Lateral and vertical migration into on-Site buildings; potential to cause an explosion | HH   | On-Site properties and their occupants                   | <b>SEVERE</b> | <b>UNLIKELY</b> | <b>MODERATE/LOW RISK</b> | Based on the prevailing conceptual understanding an appreciable gas source is considered unlikely. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.                               |
| 23 |                                                                                                   | Lateral migration towards off-Site buildings; potential to cause an explosion          | HH   | Off-Site properties and their occupants                  | <b>SEVERE</b> | <b>UNLIKELY</b> | <b>MODERATE/LOW RISK</b> |                                                                                                                                                                                                                                                    |
| 24 | Potential for elevated <b>carbon dioxide</b> to be present within the subsurface <b>soils</b>     | Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation | HH   | Occupants of on-Site buildings                           | <b>SEVERE</b> | <b>UNLIKELY</b> | <b>MODERATE/LOW RISK</b> |                                                                                                                                                                                                                                                    |
| 25 |                                                                                                   | Lateral migration towards off-Site buildings; potential to cause asphyxiation          | HH   | Occupants of off-Site buildings                          | <b>SEVERE</b> | <b>UNLIKELY</b> | <b>MODERATE/LOW RISK</b> |                                                                                                                                                                                                                                                    |

## 2.5 Preliminary Risk Assessment

| Nr | Sources                                          | Pathways                                                                                 | TYPE | Receptors                      | Consequence   | Probability     | Risk classification | Comments                                                                                                        |
|----|--------------------------------------------------|------------------------------------------------------------------------------------------|------|--------------------------------|---------------|-----------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| 26 | Potential for <b>radon</b> within the subsurface | Lateral migration towards on-Site buildings; potential to cause long term health effects | HH   | Occupants of on-Site buildings | <b>MEDIUM</b> | <b>UNLIKELY</b> | <b>LOW RISK</b>     | The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m <sup>3</sup> ). |
|    | OVERALL RISK RATING ( <i>on-Site sources</i> )   |                                                                                          |      |                                |               |                 | <b>LOW RISK</b>     |                                                                                                                 |

## 2.6 Next Steps

|                                                                                   |                                                                        |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>No immediate action<br/>but observe a<br/>watching brief</b></p> |  | <p>Despite the known history of the Site in an agricultural capacity (including sheep grazing and housing of livestock), it is considered unlikely that significant contamination is present within the sub-surface. The preliminary risk assessment suggests that the risks posed by in situ land quality are therefore likely to be <b>low</b>.</p> <p>It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) will likely be sufficient.</p> <p>The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.</p> |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 3. Supporting Information



The following supporting information is contained in this section:

| Section | Content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.1     | Referenced materials used in the EnviroSmart reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3.2     | Site photographs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3.3     | Published environmental data records (Landmark Envirocheck report The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU. REF: 398910027_1_1) including: <ul style="list-style-type: none"> <li>• Aerial photographs and site map</li> <li>• Environmental permits, incidents and registers</li> <li>• Landfill and other waste sites</li> <li>• Current land use information</li> <li>• Geology</li> <li>• Hydrogeology and hydrology</li> <li>• Flooding</li> <li>• Designated environmentally sensitive sites</li> <li>• Other environmental factors</li> </ul> |
| 3.4     | Risk assessment methodology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3.5     | Historical land use maps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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Tel: 01743 298100

Email: [info@geosmartinfo.co.uk](mailto:info@geosmartinfo.co.uk)

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- sets out minimum standards which firms compiling and selling search reports have to meet
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- ensure that products and services comply with industry registration rules and standards and relevant laws
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The Property Ombudsman scheme

Milford House

43-55 Milford Street

Salisbury

Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk)

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Please ask your search provider if you would like a copy of the search code

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- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: [admin@tpos.co.uk](mailto:admin@tpos.co.uk).

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Liz Lloyd  
Finance Manager  
GeoSmart Information Limited  
Suite 9-11, 1st Floor  
Old Bank Buildings, Bellstone  
Shrewsbury  
SY1 1HU

Tel: 01743 298100  
[support@geosmartinfo.co.uk](mailto:support@geosmartinfo.co.uk)

## 3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2026. GeolIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2026. Investigation of potentially contaminated sites – code of practice. BS10175:2026.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

Environment Agency, 2025. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2026. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring; Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Heritage Network Ltd, 2010. Archaeological Investigation report for land at The White House, Ashwell Road, Newnham, Herts.

Landmark, 2026. Landmark Envirocheck report The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU. REF: 398910027\_1\_1

## 3.2 Site photographs

Photograph 1: View of the existing barn used for the housing of livestock, facing northeast.



Photograph 2: Existing agricultural barn and associated landscaping, facing east / southeast.



## 3.2 Site photographs

Photograph 3: View of the rear of the barn, facing south / southwest.



Photograph 4: View of the barn facing northwest.



## 3.2 Site photographs

Photograph 5: The field in the eastern section of the Site, used for sheep grazing, facing north.



## 3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

398910027\_1\_1

**Customer Reference:**

90903

**National Grid Reference:**

524840, 237920

**Slice:**

A

**Site Area (Ha):**

0.42

**Search Buffer (m):**

1000

#### Site Details:

The White House  
Ashwell Road  
Newnham  
Baldock  
Hertfordshire  
SG7 5JU

#### Client Details:

Ms Doncic  
Geo Smart Information Limited  
Suite 9-11, 1st Floor  
Old Bank Buildings  
Bellstone  
Shrewsbury  
Shropshire  
SY1 1HU

| Report Section        | Page Number |
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| Hazardous Substances  | -           |
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| Industrial Land Use   | 27          |
| Sensitive Land Use    | 29          |
| Data Currency         | 30          |
| Data Suppliers        | 36          |
| Useful Contacts       | 37          |

## Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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## Report Version v53.0

| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       | pg 1        | Yes     | Yes       | Yes         | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 2        |         | 1         |             | 6                           |
| Prosecutions                                                  | pg 3        |         |           |             | 1                           |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   |             |         |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             |             |         |           |             |                             |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 3        | Yes     |           |             |                             |
| Pollution Incidents to Controlled Waters                      |             |         |           |             |                             |
| Historical Prosecutions                                       |             |         |           |             |                             |
| Registered Radioactive Substances                             |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            | pg 4        | 2       | 2         | 5           | 8 (*29)                     |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability Map                                 | pg 15       | Yes     | n/a       | n/a         | n/a                         |
| Groundwater Vulnerability - Soluble Rock Risk                 | pg 15       | 1       | n/a       | n/a         | n/a                         |
| Groundwater Vulnerability - Local Information                 |             |         | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 15       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 15       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       | pg 15       |         |           |             | 1                           |
| Extreme Flooding from Rivers or Sea without Defences          | pg 15       | Yes     |           | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 15       | Yes     |           | n/a         | n/a                         |
| Areas Benefiting from Flood Defences                          |             |         |           | n/a         | n/a                         |
| Flood Water Storage Areas                                     |             |         |           | n/a         | n/a                         |
| Flood Defences                                                |             |         |           | n/a         | n/a                         |
| OS Water Network Lines                                        | pg 16       |         | 1         | 3           | 22                          |
| Water Framework Directive - Catchment                         | pg 19       | Yes     |           | Yes         |                             |
| Water Framework Directive - Groundwater                       | pg 19       | Yes     |           | Yes         |                             |
| Water Framework Directive - Surface Waters                    | pg 19       |         | Yes       |             |                             |

| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>                                                        |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                         |             |         |           |             |                             |
| Historical Landfill Sites                                           |             |         |           |             |                             |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)                    | pg 20       |         |           |             | 3                           |
| Local Authority Landfill Coverage                                   | pg 20       | 2       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             |             |         |           |             |                             |
| Potentially Infilled Land (Non-Water)                               |             |         |           |             |                             |
| Potentially Infilled Land (Water)                                   |             |         |           |             |                             |
| Registered Landfill Sites                                           |             |         |           |             |                             |
| Registered Waste Transfer Sites                                     |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                        |             |         |           |             |                             |
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     |             |         |           |             |                             |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |

| Data Type                                                         | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|-------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Geological</b>                                                 |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                       | pg 21       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                      | pg 21       | Yes     | Yes       | Yes         | Yes                         |
| BGS Recorded Mineral Sites                                        |             |         |           |             |                             |
| BGS Urban Soil Chemistry                                          |             |         |           |             |                             |
| BGS Urban Soil Chemistry Averages                                 |             |         |           |             |                             |
| CBSCB Compensation District                                       |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas                                        |             |         | n/a       | n/a         | n/a                         |
| Mining Instability                                                |             |         | n/a       | n/a         | n/a                         |
| Man-Made Mining Cavities                                          |             |         |           |             |                             |
| Natural Cavities                                                  |             |         |           |             |                             |
| Non Coal Mining Areas of Great Britain                            | pg 24       |         | Yes       | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                | pg 24       |         | Yes       | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards               | pg 24       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                | pg 25       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                  | pg 25       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards               | pg 25       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 26       | Yes     | Yes       | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                            |             |         | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                       |             |         | n/a       | n/a         | n/a                         |
| <b>Industrial Land Use</b>                                        |             |         |           |             |                             |
| Contemporary Trade Directory Entries                              | pg 27       |         |           | 2           | 4                           |
| Fuel Station Entries                                              |             |         |           |             |                             |
| Points of Interest - Commercial Services                          | pg 27       |         |           | 2           | 2                           |
| Points of Interest - Education and Health                         |             |         |           |             |                             |
| Points of Interest - Manufacturing and Production                 | pg 27       |         |           |             | 3                           |
| Points of Interest - Public Infrastructure                        | pg 28       |         |           |             | 1                           |
| Points of Interest - Recreational and Environmental               |             |         |           |             |                             |
| Underground Electrical Cables                                     |             |         |           |             |                             |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Ancient Woodland                     |             |         |           |             |                                |
| Areas of Adopted Green Belt          | pg 29       |         |           |             | 1                              |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                                |
| Environmentally Sensitive Areas      |             |         |           |             |                                |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                |             |         |           |             |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       |             |         |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             | pg 29       | 2       |           | 1           |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest |             |         |           |             |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |
| World Heritage Sites                 |             |         |           |             |                                |

| Map ID | Details                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (NW)                             | 8                            | 1       | 524800 237950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (S)                              | 28                           | 1       | 524850 237850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (N)                              | 43                           | 1       | 524839 238000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 51                           | 1       | 524850 238000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (W)                              | 92                           | 1       | 524700 237950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NW (NW)                             | 115                          | 1       | 524750 238050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (W)                              | 138                          | 1       | 524650 237917 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 140                          | 1       | 525000 238000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SE (E)                              | 164                          | 1       | 525050 237900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SE (S)                              | 180                          | 1       | 524900 237700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (W)                              | 189                          | 1       | 524600 237900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (S)                              | 191                          | 1       | 524800 237700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W)                              | 201                          | 1       | 524600 237850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (SE)                             | 221                          | 1       | 525000 237700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SE (SE)                             | 307                          | 1       | 525000 237600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SW (SW)                             | 325                          | 1       | 524550 237700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 325                          | 1       | 525050 238200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12SE (W)                              | 394                          | 1       | 524400 237850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12SE (W)                              | 406                          | 1       | 524400 237800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14NW (E)                              | 464                          | 1       | 525350 237950 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A14SW (E)                              | 492                          | 1       | 525350<br>237750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A8NW (S)                               | 493                          | 1       | 524750<br>237400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A8NE (S)                               | 495                          | 1       | 525000<br>237400 |
| 1      | <b>Discharge Consents</b><br>Operator: A E & W A Farr Limited<br>Property Type: Arable Farming<br>Location: Newnham Manor, Baldock, Herts, Sg7 5la<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment Ditch / River Ivel (Baldock)<br>Reference: Gwclf30201<br>Permit Version: 1<br>Effective Date: 31st March 1999<br>Issued Date: 2nd February 2001<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Agricultural And Surface<br>Discharge: Onto Land<br>Environment: Groundwater<br>Receiving Water: Groundwater<br><b>Status: Deemed Groundwater Regulations Authorisation</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                        | A13SW (S)                              | 199                          | 2       | 524780<br>237700 |
| 2      | <b>Discharge Consents</b><br>Operator: Anglian Water Services Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Newnham(Herts) Stw, Newnham, Baldock, Sg7<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment Ditch / River Ivel (Baldock)<br>Reference: Aw1nf509<br>Permit Version: 4<br>Effective Date: 1st January 2010<br>Issued Date: 24th September 2009<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment: Cat.Ditch To River Ivel Nt<br>Receiving Water: Cat.Ditch To River Ivel Nt<br><b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 100m    | A12SE (W)                              | 628                          | 2       | 524200<br>237700 |
| 2      | <b>Discharge Consents</b><br>Operator: Anglian Water Services Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Newnham(Herts) Stw, Newnham, Baldock, Sg7<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment Ditch / River Ivel (Baldock)<br>Reference: Aw1nf509<br>Permit Version: 3<br>Effective Date: 25th January 1985<br>Issued Date: 8th August 1984<br>Revocation Date: 31st December 2009<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment: Cat.Ditch To River Ivel Nt<br>Receiving Water: Cat.Ditch To River Ivel Nt<br><b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 100m | A12SE (W)                              | 628                          | 2       | 524200<br>237700 |
| 2      | <b>Discharge Consents</b><br>Operator: Anglian Water Services Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Newnham(Herts) Stw, Newnham, Baldock, Sg7<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment Ditch / River Ivel (Baldock)<br>Reference: Aw1nf509<br>Permit Version: 2<br>Effective Date: 8th August 1984<br>Issued Date: 8th August 1984<br>Revocation Date: 24th January 1985<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment: Cat.Ditch To River Ivel Nt<br>Receiving Water: Cat.Ditch To River Ivel Nt<br><b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 100m    | A12SE (W)                              | 628                          | 2       | 524200<br>237700 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 2      | <b>Discharge Consents</b><br>Operator: Anglian Water Services Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Newnham(Herts) Stw, Newnham, Baldock, Sg7<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment Ditch / River Ivel (Baldock)<br>Reference: Aw1nf509<br>Permit Version: 1<br>Effective Date: 9th October 1964<br>Issued Date: 9th October 1964<br>Revocation Date: 7th August 1984<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Cat.Ditch To River Ivel Nt<br><b>Status:</b> Pre National Rivers Authority Legislation where issue date < 01/09/1989<br>Positional Accuracy: Located by supplier to within 100m | A12SE (W)                              | 628                          | 2       | 524200 237700 |
| 3      | <b>Discharge Consents</b><br>Operator: Anglian Water Services Limited<br>Property Type: Not Supplied<br>Location: Newnham Stw<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Awcnf0314/10316<br>Permit Version: 1<br>Effective Date: 31st May 2005<br>Issued Date: 3rd June 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Cat Ditch River Ivel<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m                                                                     | A7NE (SW)                              | 628                          | 2       | 524260 237580 |
| 4      | <b>Discharge Consents</b><br>Operator: A E & W A Farr Limited<br>Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)<br>Location: Caravan Newnham Manor Farm, Newnham, Herts.<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr1lfu257<br>Permit Version: 1<br>Effective Date: 19th March 1984<br>Issued Date: 19th March 1984<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge: Land/Soakaway<br>Environment:<br>Receiving Water: Land<br><b>Status:</b> Pre National Rivers Authority Legislation where issue date < 01/09/1989<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                    | A7NE (SW)                              | 723                          | 2       | 524200 237500 |
| 5      | <b>Prosecutions</b><br>Location: Newnham Manor Farm Baldock, Hertfordshire Sg7 5la<br>Prosecution Text: Not Supplied<br>Prosecution Act: WATER RESOURCES ACT 1991, SECTION 85 (1)<br>Hearing Date: 17th April 2003<br>Verdict: Not Supplied<br>Fine: Not Supplied<br>Cost: Not Supplied<br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                                                                                                                                                                                                                            | A7NE (SW)                              | 603                          | 2       | 524321 237539 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A13NE (E)                              | 0                            | -       | 524872 237927 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 6      | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Cat Ditch, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                    | A13SE (E)                              | 0                            | 2       | 524860 237910 |
| 6      | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Drain , NEWNHAM B<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                               | A13SE (SE)                             | 0                            | 2       | 524865 237905 |
| 7      | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Cat Ditch - Newnham 3<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13SW (SW)                             | 13                           | 2       | 524800 237900 |
| 7      | <b>Water Abstractions</b><br>Operator: A E + W A Farr Ltd<br>Licence Number: 6/33/14/*s/065<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 3<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Temporary<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                             | A13SW (SW)                             | 13                           | 2       | 524800 237900 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 8      | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*G/0028<br>Permit Version: 100<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Greensand 3; Status: Perpetuity<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13SW (SW)                             | 299                          | 2       | 524660 237650 |
| 9      | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Cat Ditch, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                          | A12SE (SW)                             | 425                          | 2       | 524445 237670 |
| 9      | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                               | A12SE (SW)                             | 432                          | 2       | 524440 237665 |
| 10     | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Cat Ditch - Newnham 4<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m        | A12SE (SW)                             | 446                          | 2       | 524400 237700 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 10     | <b>Water Abstractions</b><br>Operator: A E + W A Farr Ltd<br>Licence Number: 6/33/14/*s/065<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 5<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                           | A12SE (SW)                             | 446                          | 2       | 524400 237700 |
| 11     | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Cat Ditch, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m             | A14SE (E)                              | 899                          | 2       | 525770 237750 |
| 11     | <b>Water Abstractions</b><br>Operator: A E & W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch 2 At , NEWNHAM, Hertfordshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A14SE (E)                              | 900                          | 2       | 525770 237745 |
| 11     | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 1<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                 | A14SE (E)                              | 905                          | 2       | 525775 237745 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 12     | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Cat Ditch - Newnham 2<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A14SE (E)                              | 939                          | 2       | 525800 237700 |
| 12     | <b>Water Abstractions</b><br>Operator: A E + W A Farr Ltd<br>Licence Number: 6/33/14/*s/065<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 2<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Temporary<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                             | A14SE (E)                              | 940                          | 2       | 525800 237695 |
| 13     | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Drain , NEWNHAM C<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                               | A8SW (S)                               | 965                          | 2       | 524750 236920 |
| 13     | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Drain Near , Hullockpit Hill<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                          | A8SW (S)                               | 970                          | 2       | 524755 236915 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 14     | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Un-Named Drain - Newnham 'C'<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A3NW (S)                               | 992                          | 2       | 524700<br>236900 |
|        | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Drain Near , Hullockpit Hill<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                      | A3NW (S)                               | 1070                         | 2       | 524810<br>236810 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                     | A3NW (S)                               | 1075                         | 2       | 524810<br>236805 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Un-Named Drain - Newnham 'B'<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m  | A3NW (S)                               | 1080                         | 2       | 524800<br>236800 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Cat Ditch - Newnham '1'<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A15SW (E)                              | 1232                         | 2       | 526100 237700 |
|        | <b>Water Abstractions</b><br>Operator: A E + W A Farr Ltd<br>Licence Number: 6/33/14/*s/065<br>Permit Version: Not Supplied<br>Location: Cat Ditch '1', , NEWNHAM, Hertfordshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Temporary<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                 | A15SW (E)                              | 1232                         | 2       | 526100 237700 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch 1 At, , NEWNHAM, Hertfordshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                             | A15SW (E)                              | 1273                         | 2       | 526140 237690 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 5<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                 | A15SW (E)                              | 1274                         | 2       | 526140 237685 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Cat Ditch, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                               | A15SW (E)                              | 1278                         | 2       | 526145 237690 |
|        | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Drain Near , Hullockpit Hill<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                     | A4NW (S)                               | 1315                         | 2       | 525180 236600 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Un-Named Drain - Newnham 'A'<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A4NW (S)                               | 1320                         | 2       | 525200 236600 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 3<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                   | A4NW (S)                               | 1320                         | 2       | 525180 236595 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*S/0065<br>Permit Version: 100<br>Location: Cat Ditch - Newnham '5'<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11NW (W)                              | 1399                         | 2       | 523400 238100 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 4<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                 | A11NW (W)                              | 1409                         | 2       | 523385 238055 |
|        | <b>Water Abstractions</b><br>Operator: Ae & Wa Farr Limited<br>Licence Number: 6/33/14/*i/057<br>Permit Version: Not Supplied<br>Location: Cat Ditch, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Impounding<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                          | A11NW (W)                              | 1414                         | 2       | 523380 238055 |
|        | <b>Water Abstractions</b><br>Operator: William Arthur Michael Farr<br>Licence Number: 6/33/14/*g/050<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 1841000<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                 | A4SE (SE)                              | 1505                         | 2       | 525605 236565 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/*g/044<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Unspecified<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1840910<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                             | A4SE (SE)                              | 1507                         | 2       | 525610 236565 |
|        | <b>Water Abstractions</b><br>Operator: William Arthur Michael Farr<br>Licence Number: 6/33/14/*g/050<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                     | A4SE (SE)                              | 1509                         | 2       | 525605 236560 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/*g/044<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1840910<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                        | A4SE (SE)                              | 1510                         | 2       | 525615 236565 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: An/033/0014/070<br>Permit Version: 1<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 24th September 2025<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A4SE (SE)                              | 1512                         | 2       | 525610 236560 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*G/0071/R02<br>Permit Version: 1<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st April 2018<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m               | A4SE (SE)                              | 1512                         | 2       | 525610 236560 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*G/0071/R01<br>Permit Version: 1<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st April 2016<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m               | A4SE (SE)                              | 1512                         | 2       | 525610 236560 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*G/0071<br>Permit Version: 1<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 9th October 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                 | A4SE (SE)                              | 1512                         | 2       | 525610 236560 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Ltd<br>Licence Number: 6/33/14/*G/0064<br>Permit Version: 100<br>Location: Borehole At Newnham<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Transfer Between Sources<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Greensand 3; Status: Temporary<br>Authorised Start: 01 April<br>Authorised End: 30 September<br>Permit Start Date: 1st May 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A4SE (SE)                              | 1512                         | 2       | 525610 236560 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/*g/044<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 1840910<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                | A4SE (SE)                              | 1514                         | 2       | 525615 236560 |
|        | <b>Water Abstractions</b><br>Operator: William Arthur Michael Farr<br>Licence Number: 6/33/14/*g/050<br>Permit Version: Not Supplied<br>Location: Borehole At, NEWNHAM<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Unspecified<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                      | A4SE (SE)                              | 1514                         | 2       | 525605 236555 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Borehole At, , NEWNHAM, Hertfordshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 1841000<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A4SE (SE)                              | 1516                         | 2       | 525610 236555 |
|        | <b>Water Abstractions</b><br>Operator: A E & W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Borehole At, , NEWNHAM, Hertfordshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Greensand 3; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m     | A4SE (SE)                              | 1519                         | 2       | 525615 236555 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Drain , NEWNHAM A<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A4SE (SE)                              | 1520                         | 2       | 525610 236550 |
|        | <b>Water Abstractions</b><br>Operator: A E And W A Farr Limited<br>Licence Number: 6/33/14/**/056<br>Permit Version: Not Supplied<br>Location: Cat Ditch , NEWNHAM 2<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 91<br>Yearly Rate (m3): 1841000<br>Details: Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A4SE (SE)                              | 1523                         | 2       | 525615 236550 |
|        | <b>Groundwater Vulnerability Map</b><br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Well Connected Fractures<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: <90%<br>Superficial Thickness: <3m<br>Superficial Recharge: No Data                                                                                                                                                | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Groundwater Vulnerability - Soluble Rock Risk</b><br>Classification: Significant Risk - Problems Unlikely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Principal Aquifer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
| 15     | <b>Source Protection Zones</b><br>Name: Not Supplied<br>Source: Environment Agency, Head Office<br>Reference: Not Supplied<br>Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.                                                                                                                                                                                                                                                                                                                                                  | A14SW (SE)                             | 501                          | 2       | 525318 237655 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                              | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                              | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        |                              |         |               |

| Map ID | Details                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                                |                                        |                              |         |                  |
|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                                           |                                        |                              |         |                  |
| 16     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1945.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1   | A13NE (NE)                             | 1                            | 3       | 524855<br>237941 |
| 17     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 239.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1    | A13SW (SW)                             | 360                          | 3       | 524519<br>237682 |
| 18     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 100.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1 | A13SW (SW)                             | 360                          | 3       | 524519<br>237682 |
| 19     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 85.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1  | A13SW (SW)                             | 395                          | 3       | 524566<br>237594 |
| 20     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1  | A12SE (SW)                             | 570                          | 3       | 524323<br>237591 |
| 21     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 36.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1     | A12SE (SW)                             | 571                          | 3       | 524321<br>237593 |
| 22     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1         | A12SE (SW)                             | 573                          | 3       | 524327<br>237581 |
| 23     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 77.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1  | A7NE (SW)                              | 574                          | 3       | 524328<br>237576 |

| Map ID | Details                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 24     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 2.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1        | A7NE (SW)                              | 599                          | 3       | 524357<br>237505 |
| 25     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 14.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1 | A7NE (SW)                              | 600                          | 3       | 524358<br>237502 |
| 26     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1           | A12SE (SW)                             | 604                          | 3       | 524285<br>237586 |
| 27     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1        | A7NE (SW)                              | 605                          | 3       | 524364<br>237489 |
| 28     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 179.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 2        | A12SE (SW)                             | 607                          | 3       | 524250<br>237639 |
| 29     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 25.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1         | A12SE (W)                              | 607                          | 3       | 524218<br>237711 |
| 30     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 103.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1   | A12SE (SW)                             | 607                          | 3       | 524282<br>237586 |
| 31     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 63.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1 | A7NE (SW)                              | 608                          | 3       | 524367<br>237483 |
| 32     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 50.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1         | A12SE (W)                              | 624                          | 3       | 524209<br>237688 |

| Map ID | Details                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 33     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 31.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1          | A12SE (W)                              | 671                          | 3       | 524172 237653 |
| 34     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1           | A7NE (SW)                              | 701                          | 3       | 524181 237569 |
| 35     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 57.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1  | A12SW (SW)                             | 701                          | 3       | 524149 237632 |
| 36     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 86.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1     | A7NE (SW)                              | 714                          | 3       | 524172 237560 |
| 37     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 144.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1    | A12SW (SW)                             | 754                          | 3       | 524109 237592 |
| 38     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1            | A12SW (W)                              | 882                          | 3       | 523970 237591 |
| 39     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1458.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Cat Ditch<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1   | A12SW (W)                              | 885                          | 3       | 523967 237590 |
| 40     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 380.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1 | A17NE (NW)                             | 905                          | 3       | 524468 238789 |
| 41     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cam Ely Ouse and South Level<br>Primacy: 1  | A3NW (S)                               | 985                          | 3       | 524760 236899 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Framework Directive - Catchment</b><br>Class Code: River Catchment<br>WaterBody Name: Cat Ditch<br>WaterBody ID: GB105033037740<br>Operational Ivel<br>Catchment: Ouse Upper and Bedford<br>Management Catchment: Upper & Bedford Ouse<br>Catchment Name:                                                                                                                                       | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Water Framework Directive - Catchment</b><br>Class Code: River Catchment<br>WaterBody Name: Rhee (US Wendy)<br>WaterBody ID: GB105033038100<br>Operational Cam Rhee and Granta<br>Catchment: Cam and Ely Ouse<br>Management Catchment: Cam & Ely Ouse<br>Catchment Name:                                                                                                                              | A18SW (NW)                             | 476                          | 2       | 524500 238310 |
|        | <b>Water Framework Directive - Groundwater</b><br>Waterbody Name: Upper Bedford Ouse Chalk<br>Waterbody ID: GB40601G603000<br>URL Address: <a href="https://environment.data.gov.uk/catchment-planning/WaterBody/GB40601G603000">https://environment.data.gov.uk/catchment-planning/WaterBody/GB40601G603000</a><br>Overall Rating: Poor<br>Chemical Rating: Poor<br>Quantitative Measure: 2019<br>Year: | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
|        | <b>Water Framework Directive - Groundwater</b><br>Waterbody Name: Cam and Ely Ouse Chalk<br>Waterbody ID: GB40501G400500<br>URL Address: <a href="https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G400500">https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G400500</a><br>Overall Rating: Poor<br>Chemical Rating: Poor<br>Quantitative Measure: 2019<br>Year:   | A18SW (NW)                             | 395                          | 2       | 524653 238314 |
|        | <b>Water Framework Directive - Surface Waters</b><br>Class Code: River<br>Waterbody Name: Cat Ditch<br>Waterbody ID: GB105033037740<br>URL Address: Not Supplied<br>Overall Rating: Not Assessed<br>Chemical Rating: Not Assessed<br>Classification Year: 2022                                                                                                                                           | A13NE (NE)                             | 1                            | 2       | 524854 237941 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 42     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 101277<br>Location: Unit 5 Hullocks Pit Hill, Hullocks Pit Hill, Newnham, Baldock, Hertfordshire, SG7 5JX<br>Operator Name: John Duncan<br>Operator Location: Not Supplied<br>Authority: Environment Agency - Thames Region, North East Area<br>Site Category: HCl Waste TS + treatment<br><b>Licence Status: Expired</b><br>Issued: 17th November 2009<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A8SW (S)                               | 961                          | 2       | 524730 236927 |
| 42     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 101277<br>Location: Unit 5 Hullocks Pit Hill, Hullocks Pit Hill, Newnham, Baldock, Hertfordshire, SG7 5JX<br>Operator Name: John Duncan<br>Operator Location: Not Supplied<br>Authority: Environment Agency - Anglian Region, Central Area<br>Site Category: HCl Waste TS + treatment<br><b>Licence Status: Expired</b><br>Issued: 17th November 2009<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | A8SW (S)                               | 961                          | 2       | 524730 236927 |
| 42     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 101690<br>Location: Unit 5, Hullocks Pit Hill, Newham, Baldock, Hertfordshire, SG7 5JX<br>Operator Name: ECO WASTE AND RECYCLING LIMITED<br>Operator Location: Not Supplied<br>Authority: Environment Agency - Thames Region, North East Area<br>Site Category: Not Supplied<br><b>Licence Status: Issued</b><br>Issued: 16th July 2010<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                 | A8SW (S)                               | 971                          | 2       | 524730 236917 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Hertfordshire County Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                        | 0                            | 4       | 524839 237917 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: North Hertfordshire District Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        | 0                            | 5       | 524839 237917 |

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|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Grey Chalk Subgroup                                                                                                                                                                                                                                                                           | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 40 - 60 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg     | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 20 - 40 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg     | A13NW (N)                              | 4                            | 1       | 524835 237962 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 40 - 60 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 20 - 40 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg     | A13SE (SE)                             | 125                          | 1       | 524992 237846 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13NW (NW)                             | 285                          | 1       | 524560 238097 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 40 - 60 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SW (SW)                             | 409                          | 1       | 524519 237612 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 20 - 40 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A13SW (SW)                             | 424                          | 1       | 524527 237587 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A14SW (SE)                             | 429                          | 1       | 525275 237735 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A18SW (NW)                             | 465                          | 1       | 524614 238372 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A18SW (NW)                             | 465                          | 1       | 524602 238366 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 20 - 40 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A8NW (S)                               | 534                          | 1       | 524776 237352 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A14NE (E)                              | 651                          | 1       | 525518 238076 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A12SW (W)                              | 703                          | 1       | 524125 237687 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A7NE (SW)                              | 776                          | 1       | 524183 237434 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A12NW (W)                              | 779                          | 1       | 524022 238066 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A12SW (W)                              | 874                          | 1       | 523952 237666 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:     | A7NW (SW)                              | 903                          | 1       | 524000 237480 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A7SE (SW)                              | 903                          | 1       | 524309 237155 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A14SE (E)                              | 927                          | 1       | 525781 237673 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 40 - 60 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration: | A8SE (S)                               | 969                          | 1       | 524949 236912 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available                                                                                                                                                                                                                                                                                                    |                                        |                              |         |               |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available                                                                                                                                                                                                                                                                                                    |                                        |                              |         |               |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining                                                                                                                                                                                                                                                                        |                                        |                              |         |               |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                        | A13NE (NE)                             | 4                            | 1       | 524860 237954 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                        | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                        | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Rare<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                        | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                           | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                            | A13NE (NE)                             | 4                            | 1       | 524860 237954 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                            | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                            | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                           | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                            | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                           | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                          | A13NE (NE)                             | 4                            | 1       | 524860 237954 |

| Map ID | Details                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13NW (N)                              | 4                            | 1       | 524835 237962 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (SE)                             | 125                          | 1       | 524992 237846 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (SE)                             | 134                          | 1       | 525000 237841 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service    | A13NW (N)                              | 4                            | 1       | 524835 237962 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service    | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service    | A13SE (SE)                             | 125                          | 1       | 524992 237846 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service    | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A13SE (SE)                             | 134                          | 1       | 525000 237841 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service       | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (N)                              | 4                            | 1       | 524835 237962 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13NE (NE)                             | 15                           | 1       | 524860 237954 |

| Map ID | Details                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                    | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                         | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13SE (SE)                             | 125                          | 1       | 524992 237846 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                   | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                    | A13SE (SE)                             | 134                          | 1       | 525000 237841 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                    | A13SW (SW)                             | 246                          | 1       | 524589 237776 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                      | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13NW (N)                              | 4                            | 1       | 524835 237962 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13SE (S)                              | 18                           | 1       | 524844 237857 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13SE (E)                              | 113                          | 1       | 525000 237917 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                      | A13SE (E)                              | 114                          | 1       | 525000 237904 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                     | A13SE (SE)                             | 134                          | 1       | 525000 237843 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (SE)                             | 0                            | 1       | 524839 237917 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                     | A13SE (SE)                             | 0                            | 1       | 524839 237917 |

| Map ID | Details                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 43     | <b>Contemporary Trade Directory Entries</b><br>Name: Vincents Bodyshop<br>Location: Newnham Hall, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JX<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address              | A13SW (SW)                             | 356                          | -       | 524643 237596 |
| 43     | <b>Contemporary Trade Directory Entries</b><br>Name: It'S A Classic<br>Location: Newnham Hall, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JX<br>Classification: Classic Car Specialists<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address          | A13SW (SW)                             | 356                          | -       | 524643 237596 |
| 44     | <b>Contemporary Trade Directory Entries</b><br>Name: The English Caravan Company<br>Location: Dairy Bungalow, Caldecote Road, Newnham, Baldock, SG7 5LA<br>Classification: Caravans - Servicing & Repairs<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address   | A7NE (SW)                              | 629                          | -       | 524264 237572 |
| 44     | <b>Contemporary Trade Directory Entries</b><br>Name: First Finish<br>Location: 2, Manor Bungalow, Caldecote Road, Newnham, Baldock, Hertfordshire, SG7 5LA<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address            | A7NE (SW)                              | 654                          | -       | 524262 237531 |
| 45     | <b>Contemporary Trade Directory Entries</b><br>Name: Eco Skip Hire<br>Location: Unit 5, Hullockpit Hill, Newnham Road, Newnham, Baldock, SG7 5DP<br>Classification: Waste Disposal Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address               | A8SW (S)                               | 971                          | -       | 524730 236916 |
| 45     | <b>Contemporary Trade Directory Entries</b><br>Name: Kendals Restoration<br>Location: Unit 7, Hullockpit Hill, Newnham Road, Newnham, Baldock, SG7 5DP<br>Classification: Furniture - Repairing & Restoring<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address | A3NW (S)                               | 993                          | -       | 524700 236900 |
| 46     | <b>Points of Interest - Commercial Services</b><br>Name: Vincent's Body Shop<br>Location: Newnham Hall, Ashwell Road, Newnham, Baldock, SG7 5JX<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location     | A13SW (SW)                             | 356                          | 6       | 524643 237596 |
| 47     | <b>Points of Interest - Commercial Services</b><br>Name: Vincents Body Shop<br>Location: Hall Barn, Ashwell Road, Newnham, Baldock, SG7 5JX<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location         | A8NW (SW)                              | 480                          | 6       | 524609 237473 |
| 48     | <b>Points of Interest - Commercial Services</b><br>Name: First Finish<br>Location: Manor Farm, Caldecote Road, Newnham, Baldock, SG7 5LA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location            | A7NE (SW)                              | 599                          | 6       | 524322 237544 |
| 48     | <b>Points of Interest - Commercial Services</b><br>Name: First Finish<br>Location: 2 Manor Bungalow, Caldecote Road, Newnham, Baldock, SG7 5LA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location      | A7NE (SW)                              | 654                          | 6       | 524262 237531 |
| 49     | <b>Points of Interest - Manufacturing and Production</b><br>Name: A E & W A Farr Ltd<br>Location: Caldecote Road, Newnham, Baldock, SG7 5LA<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location                                             | A7NE (SW)                              | 599                          | 6       | 524322 237544 |
| 49     | <b>Points of Interest - Manufacturing and Production</b><br>Name: N J A Farr<br>Location: Caldecote Road, Newnham, Baldock, SG7 5LA<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location                                                  | A7NE (SW)                              | 599                          | 6       | 524322 237544 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 50     | <b>Points of Interest - Manufacturing and Production</b><br>Name: A E & W A Farr Ltd<br>Location: The Caravan, Caldecote Road, Newnham, Baldock, SG7 5LA<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location                                                        | A7NE (SW)                              | 685                          | 6       | 524210 237552 |
| 51     | <b>Points of Interest - Public Infrastructure</b><br>Name: Eco Waste & Recycling Ltd<br>Location: Unit 5 Hullockpit Hill, Newnham Road, Newnham, Baldock, SG7 5DP<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location | A8SW (S)                               | 972                          | 6       | 524730 236916 |

| Map ID | Details                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 52     | <b>Areas of Adopted Green Belt</b><br>Authority: North Hertfordshire District Council<br>Plan Name: North Hertfordshire Local Plan<br>Status: <b>Adopted</b><br>Plan Date: 8th November 2022 | A9SW (SE)                              | 793                          | 8       | 525328 237231 |
| 53     | <b>Nitrate Vulnerable Zones</b><br>Name: Anglian Chalk<br>Description: Groundwater<br>Source: Environment Agency, Head Office                                                                | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
| 54     | <b>Nitrate Vulnerable Zones</b><br>Name: Great Ouse Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office                                                             | A13SE (SE)                             | 0                            | 2       | 524839 237917 |
| 55     | <b>Nitrate Vulnerable Zones</b><br>Name: Ely Ouse And Cut-Off Channel Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office                                           | A18SW (NW)                             | 476                          | 2       | 524500 238310 |

| Agency & Hydrological                                                                                                                                                                                                                                                                                                                                                                                         | Version                                                                     | Update Cycle                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>Central Bedfordshire Council - Environmental Health Department<br>Environment Agency - Head Office<br>South Cambridgeshire District Council<br>North Hertfordshire District Council - Environmental Health Department              | July 2008<br><br>July 2025<br>November 2023<br>October 2017<br>October 2025 | Annually<br>Annually<br>Annual Rolling Update<br>Annual Rolling Update           |
| <b>Discharge Consents</b><br>Environment Agency - Anglian Region                                                                                                                                                                                                                                                                                                                                              | January 2026                                                                | Quarterly                                                                        |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Anglian Region<br>Environment Agency - Thames Region                                                                                                                                                                                                                                                                                       | March 2013<br>March 2013                                                    |                                                                                  |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Anglian Region<br>Environment Agency - Thames Region                                                                                                                                                                                                                                                                                             | January 2009<br>January 2009                                                |                                                                                  |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - Anglian Region<br>Environment Agency - South East Region - North East Thames Area<br>Environment Agency - Thames Region                                                                                                                                                                                                            | October 2025<br>October 2025<br>October 2025                                | Bi-Annually<br>Bi-Annually<br>Bi-Annually                                        |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>Central Bedfordshire Council - Environmental Health Department<br>South Cambridgeshire District Council - Environmental Health Department<br>North Hertfordshire District Council - Environmental Health Department   | December 2008<br><br>November 2014<br>October 2014<br>September 2014        | Not Applicable<br><br>Variable<br>Variable<br>Variable                           |
| <b>Local Authority Pollution Prevention and Controls</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>North Hertfordshire District Council - Environmental Health Department<br>Central Bedfordshire Council - Environmental Health Department<br>South Cambridgeshire District Council - Environmental Health Department             | December 2008<br><br>December 2020<br>November 2014<br>October 2014         | Not Applicable<br><br>Annual Rolling Update<br>Annually<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>Central Bedfordshire Council - Environmental Health Department<br>South Cambridgeshire District Council - Environmental Health Department<br>North Hertfordshire District Council - Environmental Health Department | December 2008<br><br>November 2014<br>October 2014<br>September 2014        | Not Applicable<br><br>Variable<br>Variable<br>Variable                           |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                                                                                                                                                                       | January 2026                                                                |                                                                                  |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Anglian Region                                                                                                                                                                                                                                                                                                                        | September 1999                                                              |                                                                                  |
| <b>Historical Prosecutions</b><br>Environment Agency, Thames Region                                                                                                                                                                                                                                                                                                                                           | March 2013                                                                  | Not Applicable                                                                   |
| <b>Prosecutions</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                                                       | February 2024                                                               | Annually                                                                         |
| <b>Registered Radioactive Substances</b><br>Environment Agency - Anglian Region<br>Environment Agency - Head Office<br>Environment Agency - Thames Region                                                                                                                                                                                                                                                     | May 2023<br>May 2023<br>May 2023                                            |                                                                                  |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - South East Region - North East Thames Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                             | January 2026<br>January 2026<br>January 2026                                | Quarterly<br>Quarterly<br>Quarterly                                              |

| Agency & Hydrological                                                                                                 | Version                      | Update Cycle |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|
| <b>Water Abstractions</b><br>Environment Agency - Anglian Region                                                      | January 2026                 | Quarterly    |
| <b>Water Industry Act Referrals</b><br>Environment Agency - Anglian Region<br>Environment Agency - Thames Region      | October 2017<br>October 2017 |              |
| <b>Groundwater Vulnerability Map</b><br>Environment Agency - Head Office                                              | June 2018                    | As notified  |
| <b>Groundwater Vulnerability - Soluble Rock Risk</b><br>Environment Agency - Head Office                              | June 2018                    | As notified  |
| <b>Bedrock Aquifer Designations</b><br>Environment Agency - Head Office                                               | January 2018                 | As notified  |
| <b>Superficial Aquifer Designations</b><br>Environment Agency - Head Office                                           | January 2018                 | As notified  |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                    | August 2025                  | Quarterly    |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                       | December 2023                | As notified  |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                               | December 2023                | As notified  |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                       | February 2023                |              |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                  | June 2025                    | Quarterly    |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                             | August 2022                  |              |
| <b>OS Water Network Lines</b><br>Ordnance Survey                                                                      | January 2026                 | Quarterly    |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                                    | May 2018                     | Annually     |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                                   | May 2018                     | Annually     |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                                  | May 2018                     | Annually     |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office                                                  | February 2016                | Annually     |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013                     | As notified  |
| <b>Water Framework Directive - Catchment</b><br>Environment Agency - Head Office                                      | July 2025                    | Annually     |
| <b>Water Framework Directive - Groundwater</b><br>Environment Agency - Head Office                                    | July 2025                    | Annually     |
| <b>Water Framework Directive - Surface Waters</b><br>Environment Agency - Head Office                                 | July 2025                    | Annually     |

| Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Version                                                                                            | Update Cycle                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                          | November 2002                                                                                      | As notified                                                                                              |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                                                                                               | November 2025                                                                                      | Bi-Annually                                                                                              |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Anglian Region<br>Environment Agency - Thames Region                                                                                                                                                                                                                                                                                                                            | January 2009<br>January 2009                                                                       | Not Applicable<br>Not Applicable                                                                         |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - South East Region - North East Thames Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                                                                 | November 2025<br>November 2025<br>November 2025                                                    | Quarterly<br>Quarterly<br>Quarterly                                                                      |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - South East Region - North East Thames Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                                                                           | October 2025<br>October 2025<br>October 2025                                                       | Bi-Annually<br>Bi-Annually<br>Bi-Annually                                                                |
| <b>Local Authority Landfill Coverage</b><br>Bedfordshire County Council (now part of Central Bedfordshire Council)<br>Cambridgeshire County Council<br>Hertfordshire County Council - Spatial Planning and Economy Unit<br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>North Hertfordshire District Council - Environmental Health Department<br>South Cambridgeshire District Council       | February 2003<br>February 2003<br>February 2003<br>February 2003<br>February 2003<br>February 2003 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Bedfordshire County Council (now part of Central Bedfordshire Council)<br>Cambridgeshire County Council<br>Hertfordshire County Council - Spatial Planning and Economy Unit<br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>North Hertfordshire District Council - Environmental Health Department<br>South Cambridgeshire District Council | October 2018<br>October 2018<br>October 2018<br>October 2018<br>October 2018<br>October 2018       |                                                                                                          |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                                                                 | December 1999                                                                                      |                                                                                                          |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                                                                                                                                                                     | December 1999                                                                                      |                                                                                                          |
| <b>Registered Landfill Sites</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                                                                                                                                                                     | March 2006<br>March 2006                                                                           | Not Applicable<br>Not Applicable                                                                         |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                                                                                                                                                               | April 2018<br>April 2018                                                                           |                                                                                                          |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Anglian Region - Central Area<br>Environment Agency - Thames Region - North East Area                                                                                                                                                                                                                                                                                                  | June 2015<br>June 2015                                                                             |                                                                                                          |

| Hazardous Substances                                                                                                                                                                                                                                                                                                                                                                                                                                   | Version                                                                                             | Update Cycle                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                                                                  | June 2025                                                                                           | Bi-Annually                                                                                         |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                                                                                                  | March 2017                                                                                          |                                                                                                     |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                                              | August 2001                                                                                         |                                                                                                     |
| <b>Planning Hazardous Substance Enforcements</b><br>Central Bedfordshire Council - Planning Department<br>Hertfordshire County Council - Spatial Planning and Economy Unit<br>North Hertfordshire District Council<br>Bedfordshire County Council (now part of Central Bedfordshire Council)<br>South Cambridgeshire District Council<br>Cambridgeshire County Council<br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) | February 2016<br>February 2016<br>February 2016<br>July 2008<br>July 2023<br>March 2023<br>May 2008 | Variable<br>Variable<br>Variable<br>Annual Rolling Update<br>Variable<br>Variable<br>Not Applicable |
| <b>Planning Hazardous Substance Consents</b><br>Hertfordshire County Council - Spatial Planning and Economy Unit<br>North Hertfordshire District Council<br>Bedfordshire County Council (now part of Central Bedfordshire Council)<br>Cambridgeshire County Council<br>Central Bedfordshire Council - Planning Department<br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council)<br>South Cambridgeshire District Council     | August 2022<br>August 2022<br>July 2008<br>July 2022<br>July 2022<br>May 2008<br>October 2022       | Variable<br>Variable<br>Annual Rolling Update<br>Variable<br>Variable<br>Not Applicable<br>Variable |

| Geological                                                                                                                                         | Version                      | Update Cycle   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                          | January 2009                 | As notified    |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                         | December 2015                | As notified    |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                           | February 2026                | Bi-Annually    |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011<br>November 2020 | As notified    |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches                                                                        | February 2023                |                |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                   | June 1998                    | Not Applicable |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                               | May 2015                     | Not Applicable |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | April 2020                   | As notified    |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2019                 | As notified    |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | January 2019                 | As notified    |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                     | January 2019                 | As notified    |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2019                 | As notified    |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service    | January 2019                 | As notified    |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                               | November 2025                | Annually       |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                          | November 2025                | Annually       |
| Industrial Land Use                                                                                                                                | Version                      | Update Cycle   |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories                                                                                 | December 2025                | Quarterly      |
| <b>Fuel Station Entries</b><br>Green Street Advisor (UK) Ltd                                                                                       | February 2026                | Quarterly      |
| <b>Points of Interest - Commercial Services</b><br>PointX                                                                                          | March 2026                   | Quarterly      |
| <b>Points of Interest - Education and Health</b><br>PointX                                                                                         | March 2026                   | Quarterly      |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX                                                                                 | March 2026                   | Quarterly      |
| <b>Points of Interest - Public Infrastructure</b><br>PointX                                                                                        | March 2026                   | Quarterly      |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX                                                                               | March 2026                   | Quarterly      |
| <b>Underground Electrical Cables</b><br>National Grid                                                                                              | January 2024                 |                |

| Sensitive Land Use                                                                                                                                                                                                                                                                            | Version                                            | Update Cycle                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <b>Ancient Woodland</b><br>Natural England                                                                                                                                                                                                                                                    | March 2026                                         | Bi-Annually                                        |
| <b>Areas of Adopted Green Belt</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>North Hertfordshire District Council<br>South Cambridgeshire District Council<br>Central Bedfordshire Council - Planning Department   | March 2026<br>March 2026<br>March 2026<br>May 2011 | Quarterly<br>Quarterly<br>Quarterly<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>Mid Bedfordshire District Council (now part of Central Bedfordshire Council) - Environmental Health Department<br>North Hertfordshire District Council<br>South Cambridgeshire District Council<br>Central Bedfordshire Council - Planning Department | March 2026<br>March 2026<br>March 2026<br>May 2011 | Quarterly<br>Quarterly<br>Quarterly<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England                                                                                                                                                                                                                                 | November 2025                                      | Bi-Annually                                        |
| <b>Environmentally Sensitive Areas</b><br>Natural England                                                                                                                                                                                                                                     | August 2023                                        |                                                    |
| <b>Forest Parks</b><br>Forestry Commission                                                                                                                                                                                                                                                    | May 2023                                           | Not Applicable                                     |
| <b>Local Nature Reserves</b><br>Natural England                                                                                                                                                                                                                                               | January 2026                                       | Bi-Annually                                        |
| <b>Marine Nature Reserves</b><br>Natural England                                                                                                                                                                                                                                              | February 2026                                      | Bi-Annually                                        |
| <b>National Nature Reserves</b><br>Natural England                                                                                                                                                                                                                                            | January 2026                                       | Bi-Annually                                        |
| <b>National Parks</b><br>Natural England                                                                                                                                                                                                                                                      | September 2025                                     | Annually                                           |
| <b>Nitrate Sensitive Areas</b><br>Natural England                                                                                                                                                                                                                                             | April 2023                                         | Not Applicable                                     |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)<br>Environment Agency - Head Office                                                                                                                                             | April 2016<br>February 2026                        | Annually                                           |
| <b>Ramsar Sites</b><br>Natural England                                                                                                                                                                                                                                                        | February 2026                                      | Bi-Annually                                        |
| <b>Sites of Special Scientific Interest</b><br>Natural England                                                                                                                                                                                                                                | November 2025                                      | Bi-Annually                                        |
| <b>Special Areas of Conservation</b><br>Natural England                                                                                                                                                                                                                                       | January 2026                                       | Bi-Annually                                        |
| <b>Special Protection Areas</b><br>Natural England                                                                                                                                                                                                                                            | November 2025                                      | Bi-Annually                                        |

A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo                                                                                                                                                    |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordnance Survey                        |                                                                                    |
| Environment Agency                     |                                                                                    |
| Scottish Environment Protection Agency |                                                                                    |
| The Coal Authority                     |                                                                                    |
| British Geological Survey              |  <b>British Geological Survey</b><br>NATURAL ENVIRONMENT RESEARCH COUNCIL          |
| Centre for Ecology and Hydrology       |  <b>Centre for Ecology &amp; Hydrology</b><br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Natural Resources Wales                |                                                                                   |
| Scottish Natural Heritage              |                                                                                  |
| Natural England                        |                                                                                  |
| Public Health England                  |                                                                                  |
| Ove Arup                               |                                                                                  |
| Stantec UK Ltd                         |                                                                                  |

| Contact | Name and Address                                                                                                                                                  | Contact Details                                                                                                                                                                                                                |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Environmental Science Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a><br>Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>                                             |
| 2       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                              | Telephone: 03708 506 506<br>Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>                                                                                                |
| 3       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS                                                                                          | Telephone: 03456 05 05 05<br>Email: <a href="mailto:customerservices@ordnancesurvey.co.uk">customerservices@ordnancesurvey.co.uk</a><br>Website: <a href="http://www.ordnancesurvey.co.uk">www.ordnancesurvey.co.uk</a>        |
| 4       | <b>Hertfordshire County Council - Spatial Planning and Economy Unit</b><br>County Hall, Hertford, Hertfordshire, SG13 8DN                                         | Telephone: 01992 556266<br>Fax: 01992 556015<br>Email: <a href="mailto:spatialplanning@hertfordshire.gov.uk">spatialplanning@hertfordshire.gov.uk</a><br>Website: <a href="http://www.hertsdirect.org">www.hertsdirect.org</a> |
| 5       | <b>North Hertfordshire District Council - Environmental Health Department</b><br>Council Offices, Gernon Road, Letchworth, Hertfordshire, SG6 3JF                 | Telephone: 01462 474000<br>Fax: 01462 474559<br>Website: <a href="http://www.north-herts.gov.uk">www.north-herts.gov.uk</a>                                                                                                    |
| 6       | <b>PointX</b><br>5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY                                                                                       | Website: <a href="http://www.pointx.co.uk">www.pointx.co.uk</a>                                                                                                                                                                |
| 7       | <b>Natural England</b><br>County Hall, Spetchley Road, Worcester, WR5 2NP                                                                                         | Telephone: 0300 060 3900<br>Email: <a href="mailto:enquiries@naturalengland.org.uk">enquiries@naturalengland.org.uk</a><br>Website: <a href="http://www.naturalengland.org.uk">www.naturalengland.org.uk</a>                   |
| 8       | <b>North Hertfordshire District Council</b><br>Council Offices, Gernon Road, Letchworth, Hertfordshire, SG6 3JF                                                   | Telephone: 01462 474000<br>Fax: 01462 474558<br>Website: <a href="http://www.north-herts.gov.uk">www.north-herts.gov.uk</a>                                                                                                    |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a><br>Website: <a href="http://www.ukradon.org">www.ukradon.org</a>                                                 |
| -       | <b>Landmark Information Group Limited</b><br>Landmark Information Group, Imperium, Imperial Way, Reading,<br>Berkshire, RG2 0TD                                   | Telephone: 0330 036 6618<br>Fax: 0844 844 9951<br>Email: <a href="mailto:helpdesk@landmark.co.uk">helpdesk@landmark.co.uk</a><br>Website: <a href="http://www.landmark.co.uk">www.landmark.co.uk</a>                           |

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

## 3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

| Classification         | Definition                                                                                                                                                                                                                                                               |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>High likelihood</b> | There is a contaminant linkage and an event that appears either very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.                                                                       |
| <b>Likely</b>          | There is a contaminant linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term, and likely over the long term. |
| <b>Low likelihood</b>  | There is a contaminant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.                                   |
| <b>Unlikely</b>        | There is contaminant linkage but circumstances are such that it is improbable that an event would occur even in the long term.                                                                                                                                           |

Table B: Classification of consequence

| Classification | Receptor          | Definition                                                                                                                                       | Examples                                                                                                       |
|----------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Severe</b>  | Humans            | Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance                          | High concentrations of cyanide on the surface of an informal recreation area                                   |
|                | Controlled waters | Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource | Major spillage of contaminants from site into controlled water                                                 |
|                | Property          | Catastrophic damage to buildings/property                                                                                                        | Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied) |
|                | Ecology           | A short-term risk to a particular ecosystem, or organism forming part of such eco-system                                                         | Potentially long term derogation of a designated site or protected species                                     |
| <b>Medium</b>  | Humans            | Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)                                                     | Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria           |
|                | Controlled waters | Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)                   | Leaching of contaminants from a site to a principal or secondary aquifer                                       |
|                | Property          | Significant damage to crops, buildings, structures and services                                                                                  | Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)             |
|                | Ecology           | A significant change in a particular ecosystem                                                                                                   | Death of a species within a designated nature reserve                                                          |

Table B: Classification of consequence (continued)

| Classification | Receptor          | Definition                                                                                                                                     | Examples                                                                                                                       |
|----------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Mild</b>    | Humans            | Contamination present although unlikely to constitute a significant chronic health risk                                                        | Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria                    |
|                | Controlled waters | Pollution of non-water resources                                                                                                               | Pollution of non-classified groundwater                                                                                        |
|                | Property          | Damage to sensitive buildings/structures/services                                                                                              | Aggressive ground conditions leading to potential for long term degradation of buried concrete                                 |
|                | Ecology           | Damage to the environment                                                                                                                      | Localised damage to aquatic habitat causing temporary relocation of certain species                                            |
| <b>Minor</b>   | Humans            | Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)                            | The presence of contaminants at such concentrations that protective equipment is required during site works                    |
|                | Controlled waters | Potential minor release of contamination to local water features                                                                               | Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality |
|                | Property          | Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve | The loss of plants in a landscaping scheme. Discolouration of concrete                                                         |
|                | Ecology           | Short term, localised damage may occur; consequences are spatially and temporally limited                                                      | Short term or localised disruption to in situ flora or fauna; no lasting effects                                               |

Table C: Risk classification (comparison of consequence and probability)

|             |                 | Consequence (severity) |                   |                   |               |
|-------------|-----------------|------------------------|-------------------|-------------------|---------------|
|             |                 | Severe                 | Medium            | Mild              | Minor         |
| Probability | High likelihood | Very high risk         | High risk         | Moderate risk     | Low risk      |
|             | Likely          | High risk              | Moderate risk     | Moderate/low risk | Low risk      |
|             | Low likelihood  | Moderate risk          | Moderate/low risk | Low risk          | Very low risk |
|             | Unlikely        | Moderate/low risk      | Low risk          | Very low risk     | Very low risk |

Risk Key

| Very High                                                                                                                                          | High                                                                                                                          | Moderate                                                                                                                                                                                                                                                    | Moderate/Low                                                                                                                 | Low                                                                                                                                                                     | Very Low                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action | Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action | It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild | It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild | It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild | The presence of an identified hazard does not give rise to the potential to cause harm to a receptor |

## 3.5 Historical land use maps

Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

|  |                                               |  |                             |  |               |
|--|-----------------------------------------------|--|-----------------------------|--|---------------|
|  | Gravel Pit                                    |  | Sand Pit                    |  | Other Pits    |
|  | Quarry                                        |  | Shingle                     |  | Orchard       |
|  | Osiers                                        |  | Reeds                       |  | Marsh         |
|  | Mixed Wood                                    |  | Deciduous                   |  | Brushwood     |
|  | Fir                                           |  | Furze                       |  | Rough Pasture |
|  | Arrow denotes flow of water                   |  | Trigonometrical Station     |  |               |
|  | Site of Antiquities                           |  | Bench Mark                  |  |               |
|  | Pump, Guide Post, Signal Post                 |  | Well, Spring, Boundary Post |  |               |
|  | Surface Level                                 |  |                             |  |               |
|  | Sketched Contour                              |  | Instrumental Contour        |  |               |
|  | Main Roads                                    |  | Minor Roads                 |  |               |
|  | Sunken Road                                   |  | Raised Road                 |  |               |
|  | Road over Railway                             |  | Railway over River          |  |               |
|  | Railway over Road                             |  | Level Crossing              |  |               |
|  | Road over River or Canal                      |  | Road over Stream            |  |               |
|  | Road over Stream                              |  |                             |  |               |
|  | County Boundary (Geographical)                |  |                             |  |               |
|  | County & Civil Parish Boundary                |  |                             |  |               |
|  | Administrative County & Civil Parish Boundary |  |                             |  |               |
|  | County Borough Boundary (England)             |  |                             |  |               |
|  | County Burgh Boundary (Scotland)              |  |                             |  |               |
|  | Rural District Boundary                       |  |                             |  |               |
|  | Civil Parish Boundary                         |  |                             |  |               |

## Ordnance Survey Plan 1:10,000

|  |                                                                       |  |                                                         |
|--|-----------------------------------------------------------------------|--|---------------------------------------------------------|
|  | Chalk Pit, Clay Pit or Quarry                                         |  | Gravel Pit                                              |
|  | Sand Pit                                                              |  | Disused Pit or Quarry                                   |
|  | Refuse or Slag Heap                                                   |  | Lake, Loch or Pond                                      |
|  | Dunes                                                                 |  | Boulders                                                |
|  | Coniferous Trees                                                      |  | Non-Coniferous Trees                                    |
|  | Orchard                                                               |  | Scrub                                                   |
|  | Bracken                                                               |  | Heath                                                   |
|  | Marsh                                                                 |  | Reeds                                                   |
|  | Building                                                              |  | Glasshouse                                              |
|  | Sloping Masonry                                                       |  | Pylon                                                   |
|  | Cutting                                                               |  | Embankment                                              |
|  | Road Under                                                            |  | Road Over                                               |
|  | Level Crossing                                                        |  | Foot Bridge                                             |
|  | Standard Gauge Multiple Track                                         |  | Standard Gauge Single Track                             |
|  | Siding, Tramway or Mineral Line                                       |  | Narrow Gauge                                            |
|  | Geographical County                                                   |  | Administrative County, County Borough or County of City |
|  | Municipal Borough, Urban or Rural District, Burgh or District Council |  | Borough, Burgh or County Constituency                   |
|  | Civil Parish                                                          |  |                                                         |
|  | Boundary Post or Stone                                                |  | Police Station                                          |
|  | Church                                                                |  | Post Office                                             |
|  | Club House                                                            |  | Public Convenience                                      |
|  | Fire Engine Station                                                   |  | Public House                                            |
|  | Foot Bridge                                                           |  | Signal Box                                              |
|  | Fountain                                                              |  | Spring                                                  |
|  | Guide Post                                                            |  | Telephone Call Box                                      |
|  | Mile Post                                                             |  | Telephone Call Post                                     |
|  | Mile Stone                                                            |  | Well                                                    |

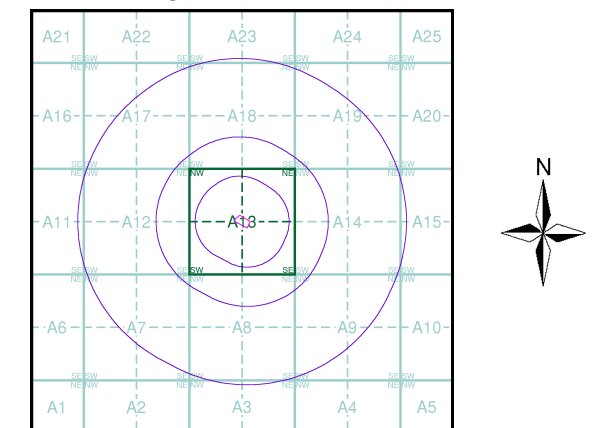
## 1:10,000 Raster Mapping

|  |                                                          |  |                                            |
|--|----------------------------------------------------------|--|--------------------------------------------|
|  | Gravel Pit                                               |  | Refuse tip or slag heap                    |
|  | Rock                                                     |  | Rock (scattered)                           |
|  | Boulders                                                 |  | Boulders (scattered)                       |
|  | Shingle                                                  |  | Mud                                        |
|  | Sand                                                     |  | Sand Pit                                   |
|  | Slopes                                                   |  | Top of cliff                               |
|  | General detail                                           |  | Underground detail                         |
|  | Overhead detail                                          |  | Narrow gauge railway                       |
|  | Multi-track railway                                      |  | Single track railway                       |
|  | County boundary (England only)                           |  | Civil, parish or community boundary        |
|  | District, Unitary, Metropolitan, London Borough boundary |  | Constituency boundary                      |
|  | Area of wooded vegetation                                |  | Non-coniferous trees                       |
|  | Non-coniferous trees (scattered)                         |  | Coniferous trees                           |
|  | Coniferous trees (scattered)                             |  | Positioned tree                            |
|  | Orchard                                                  |  | Coppice or Osiers                          |
|  | Rough Grassland                                          |  | Heath                                      |
|  | Scrub                                                    |  | Marsh, Salt Marsh or Reeds                 |
|  | Water feature                                            |  | Flow arrows                                |
|  | Mean high water (springs)                                |  | Mean low water (springs)                   |
|  | Telephone line (where shown)                             |  | Electricity transmission line (with poles) |
|  | Bench mark (where shown)                                 |  | Triangulation station                      |
|  | Point feature (e.g. Guide Post or Mile Stone)            |  | Pylon, flare stack or lighting tower       |
|  | Site of (antiquity)                                      |  | Glasshouse                                 |
|  | General Building                                         |  | Important Building                         |

## Historical Mapping & Photography included:

| Mapping Type                 | Scale    | Date        | Pg |
|------------------------------|----------|-------------|----|
| Hertfordshire                | 1:10,560 | 1882 - 1884 | 2  |
| Bedfordshire                 | 1:10,560 | 1884 - 1887 | 3  |
| Cambridgeshire & Isle Of Ely | 1:10,560 | 1887        | 4  |
| Hertfordshire                | 1:10,560 | 1899        | 5  |
| Bedfordshire                 | 1:10,560 | 1901        | 6  |
| Cambridgeshire & Isle Of Ely | 1:10,560 | 1903        | 7  |
| Bedfordshire                 | 1:10,560 | 1925        | 8  |
| Bedfordshire                 | 1:10,560 | 1938        | 9  |
| Bedfordshire                 | 1:10,560 | 1950        | 10 |
| Ordnance Survey Plan         | 1:10,000 | 1960        | 11 |
| Ordnance Survey Plan         | 1:10,000 | 1968        | 12 |
| Ordnance Survey Plan         | 1:10,000 | 1970        | 13 |
| Ordnance Survey Plan         | 1:10,000 | 1983 - 1986 | 14 |
| 10K Raster Mapping           | 1:10,000 | 1999        | 15 |
| 10K Raster Mapping           | 1:10,000 | 2006        | 16 |
| VectorMap Local              | 1:10,000 | 2025        | 17 |

## Historical Map - Slice A

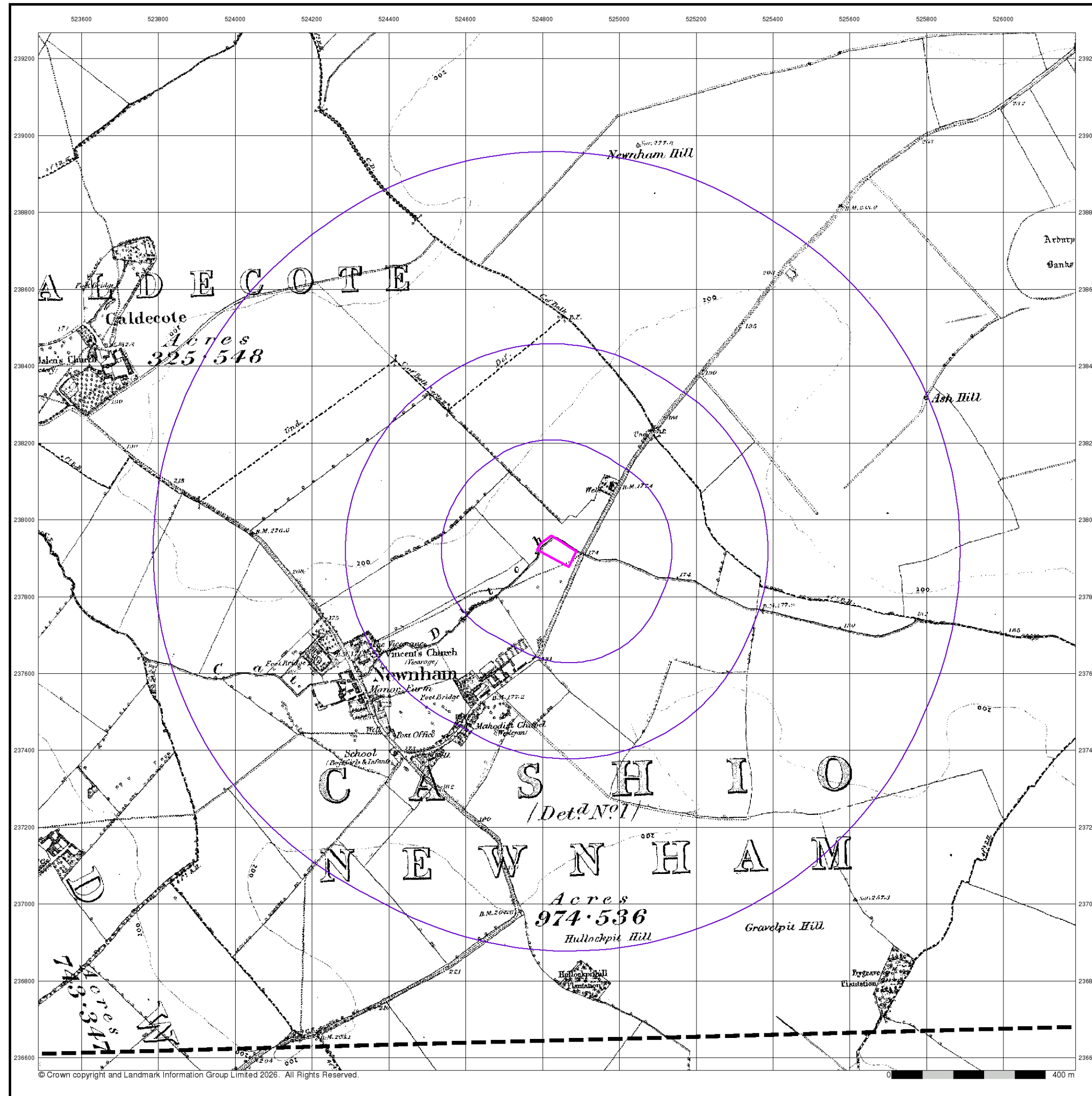


## Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 1000

## Site Details

The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU



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## Hertfordshire

Published 1882 - 1884

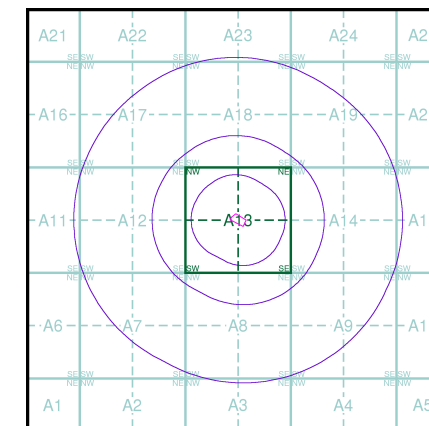
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

## Map Name(s) and Date(s)

|          |
|----------|
| 00300    |
| 1882     |
| 1:10,560 |
| 00700    |
| 1884     |
| 1:10,560 |

## Historical Map - Slice A



## Order Details

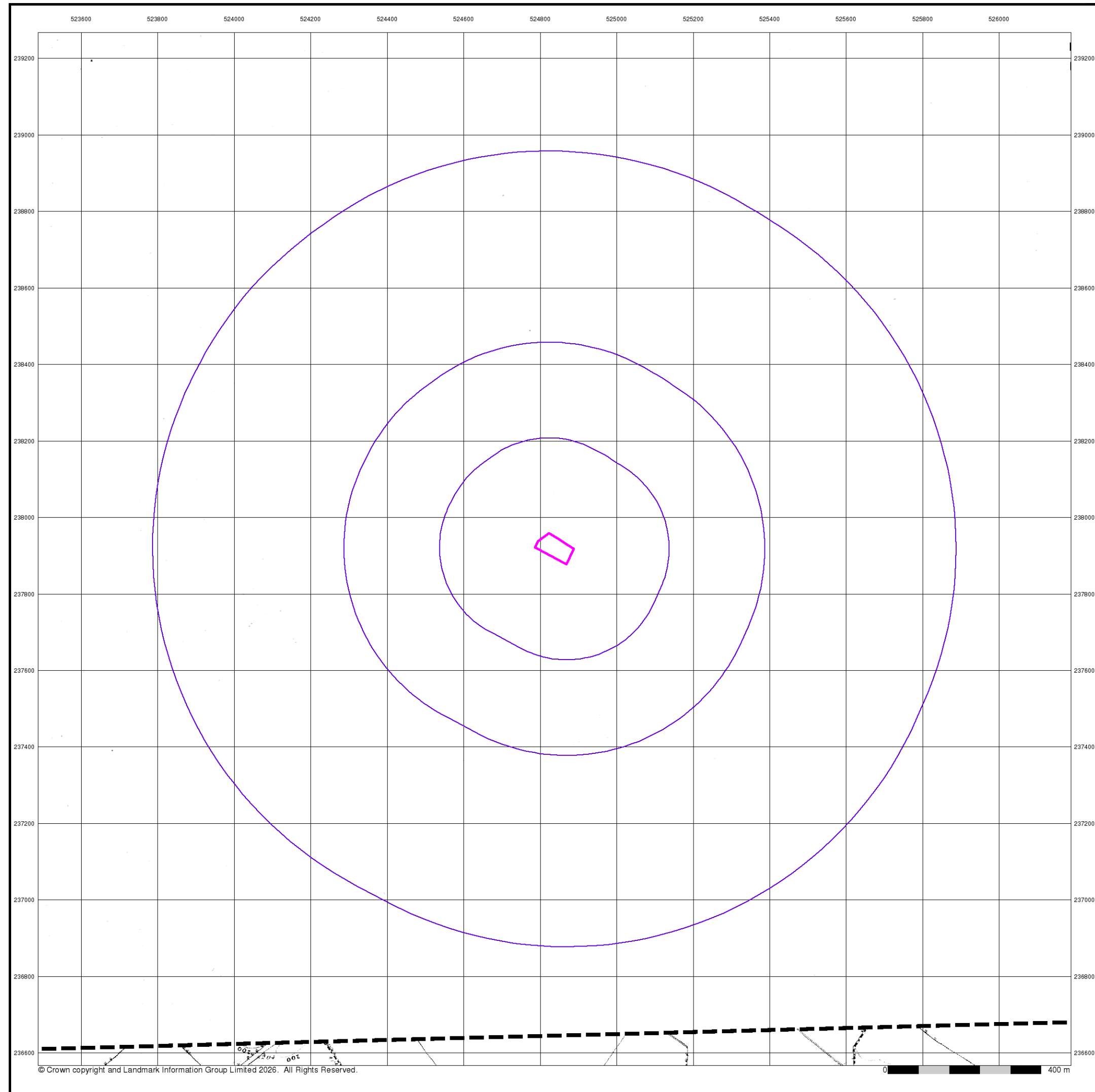
Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
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Site Area (Ha): 0.42  
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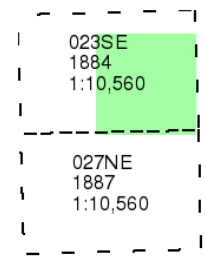
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



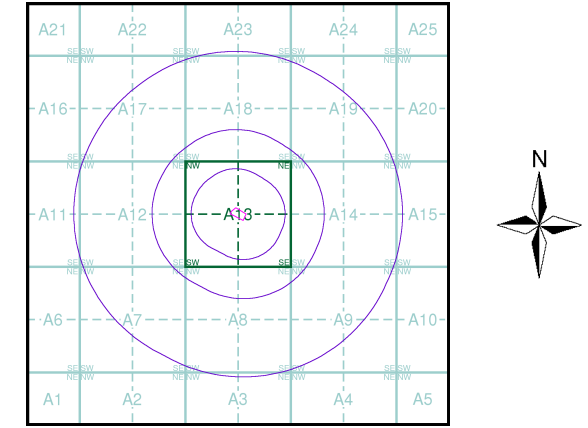
**Bedfordshire**  
**Published 1884 - 1887**  
**Source map scale - 1:10,560**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

**Map Name(s) and Date(s)**

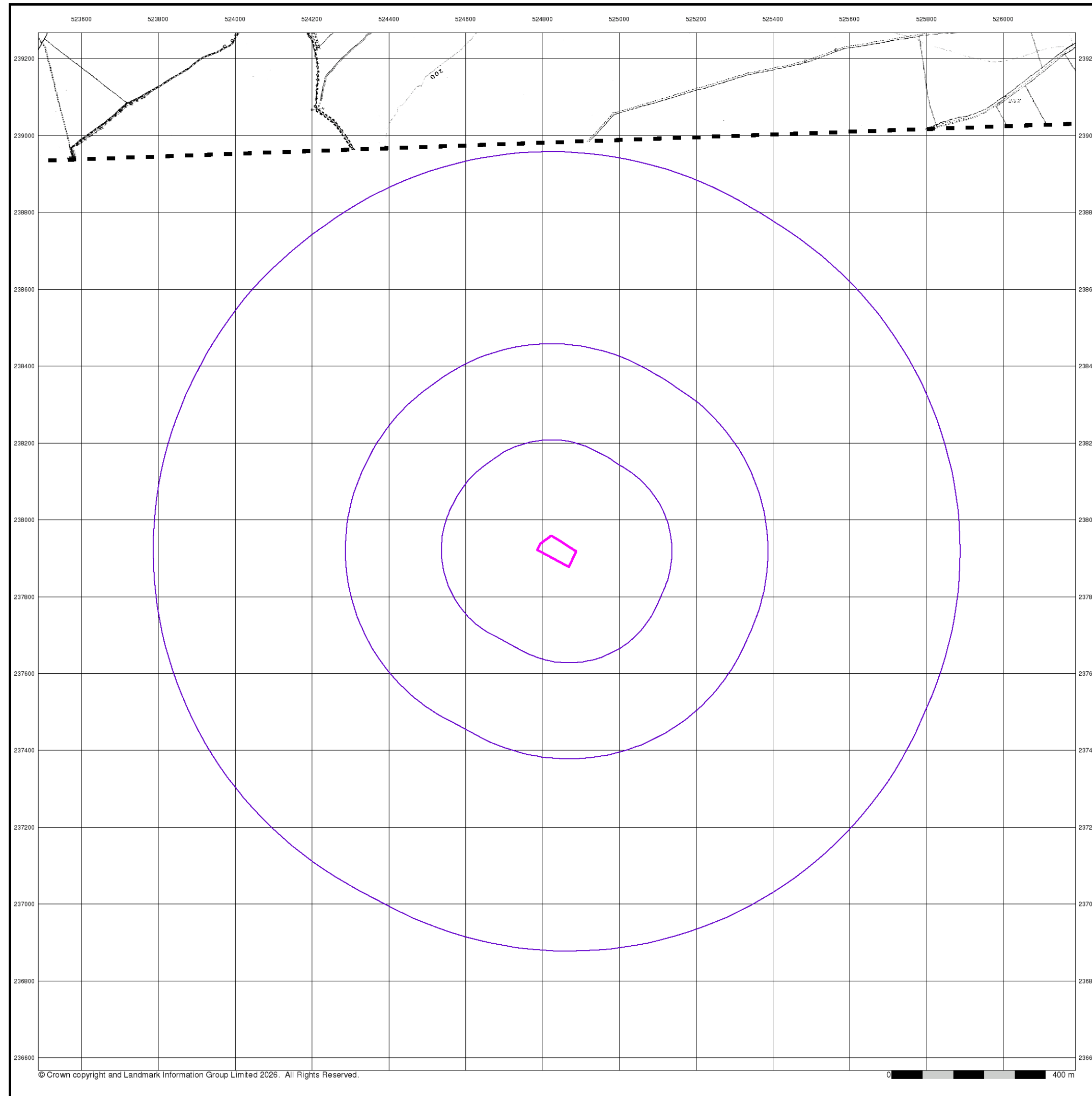


**Historical Map - Slice A**



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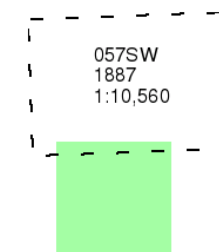
## Cambridgeshire & Isle Of Ely

Published 1887

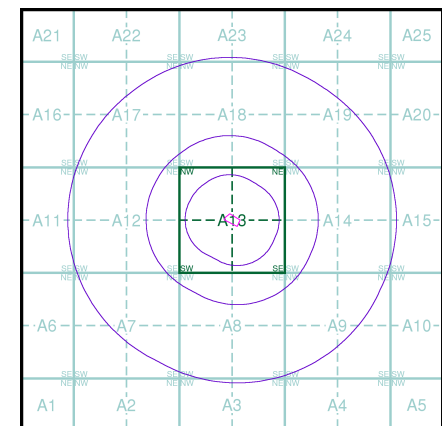
Source map scale - 1:10,560

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### Map Name(s) and Date(s)



### Historical Map - Slice A

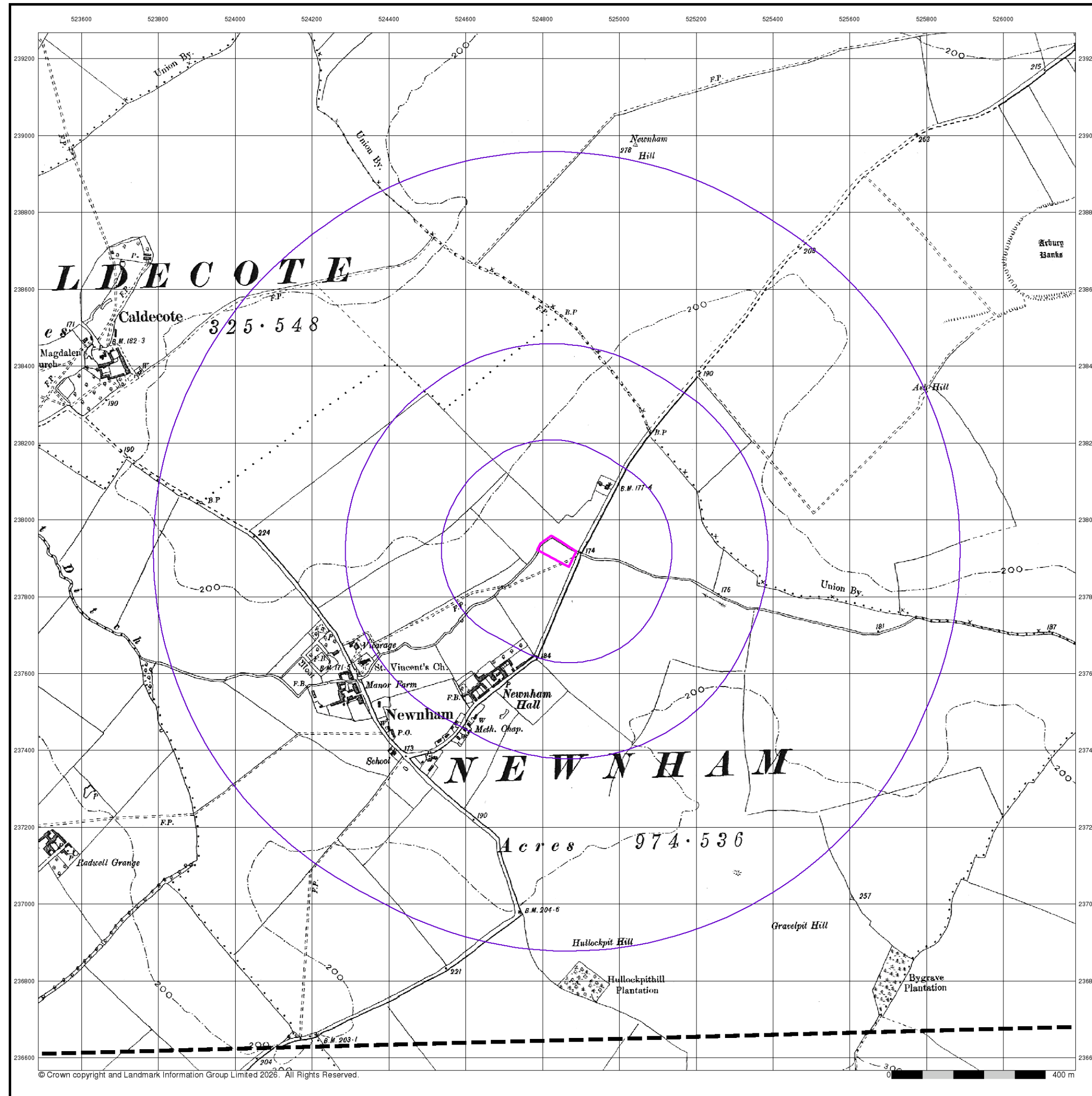


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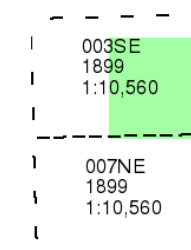
## Hertfordshire

Published 1899

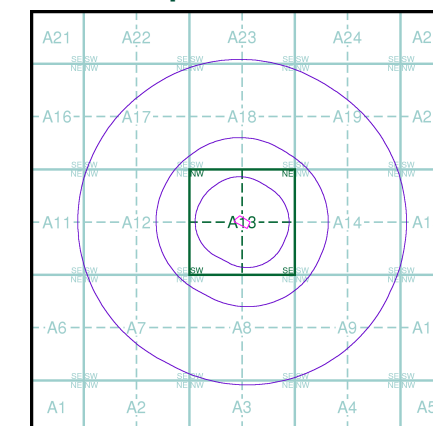
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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## Historical Map - Slice A



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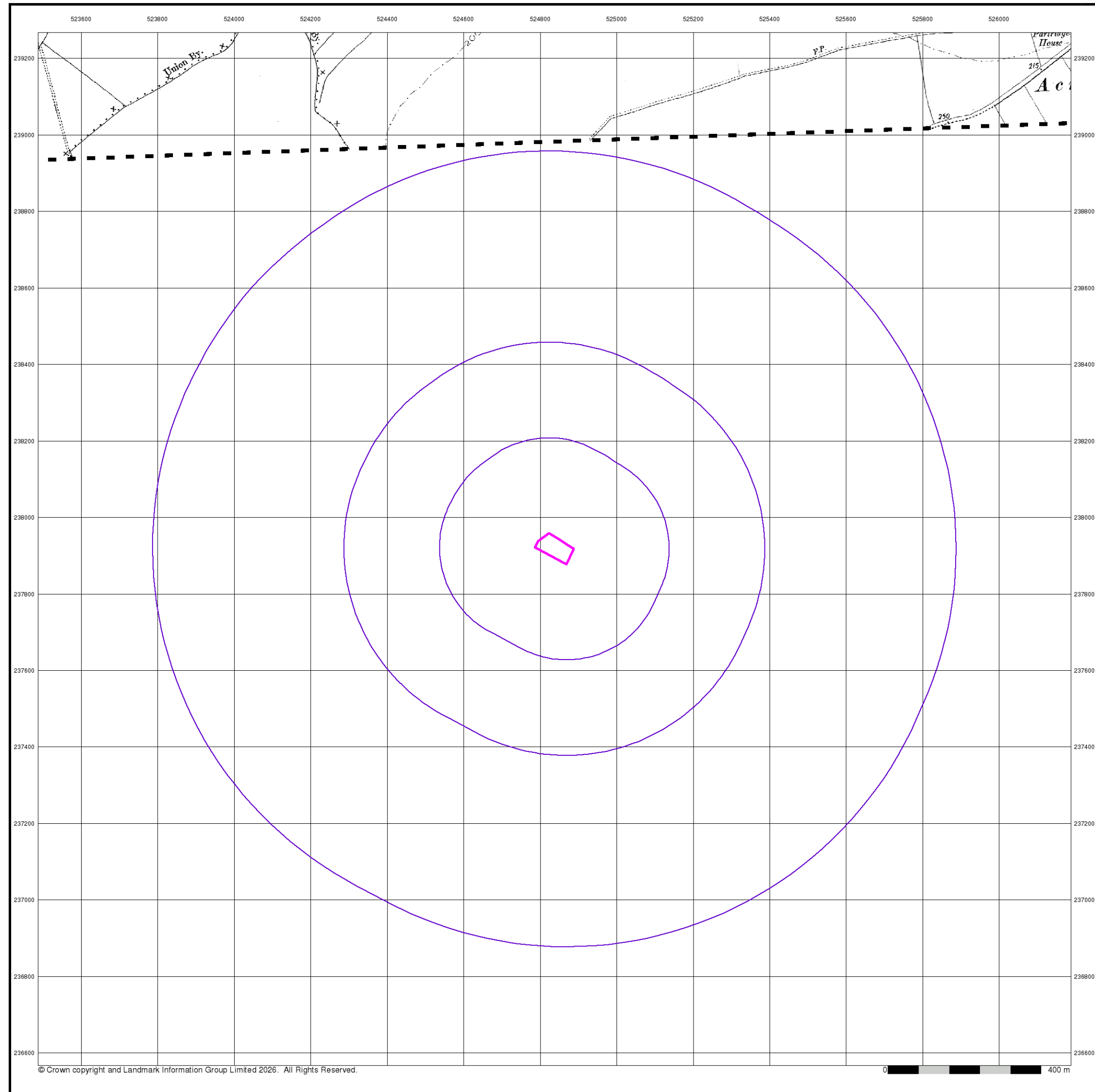
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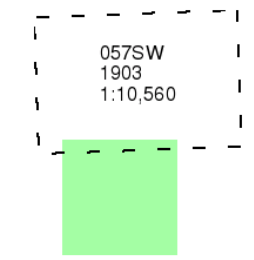
**Cambridgeshire & Isle Of Ely**

**Published 1903**

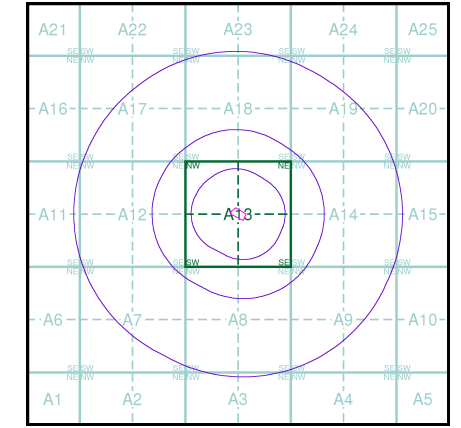
**Source map scale - 1:10,560**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

**Map Name(s) and Date(s)**



**Historical Map - Slice A**

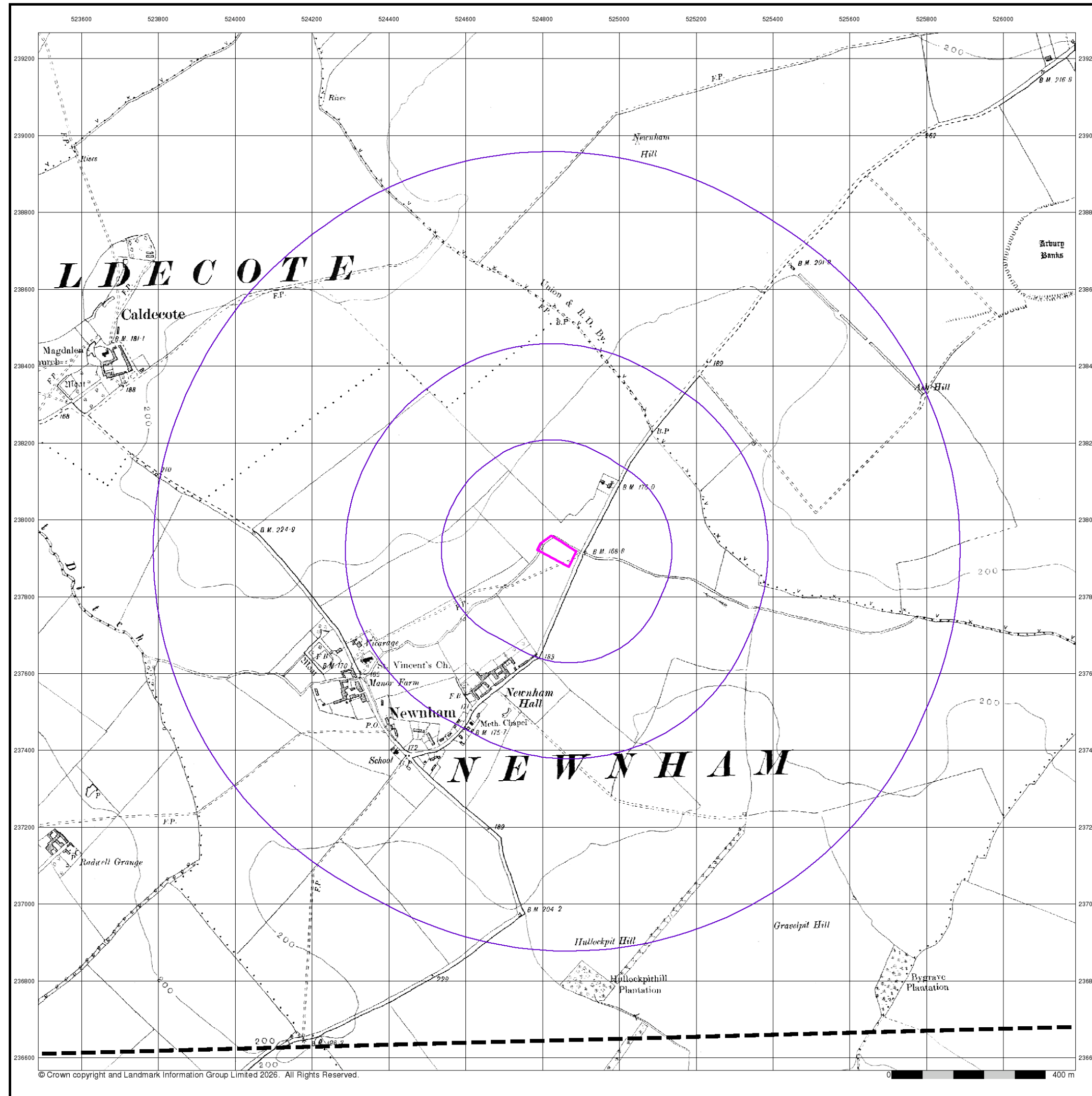


**Order Details**

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
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**Site Details**

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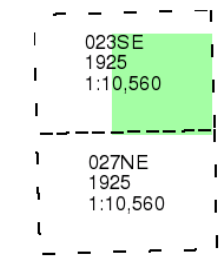
## Bedfordshire

Published 1925

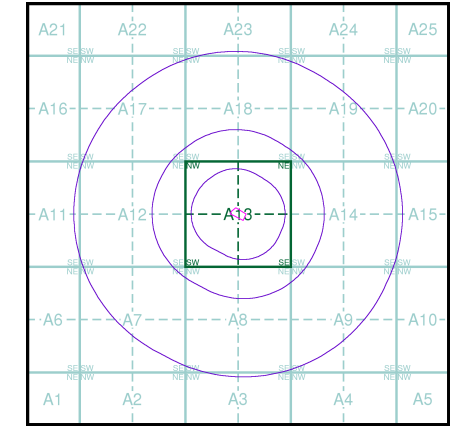
Source map scale - 1:10,560

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### Historical Map - Slice A

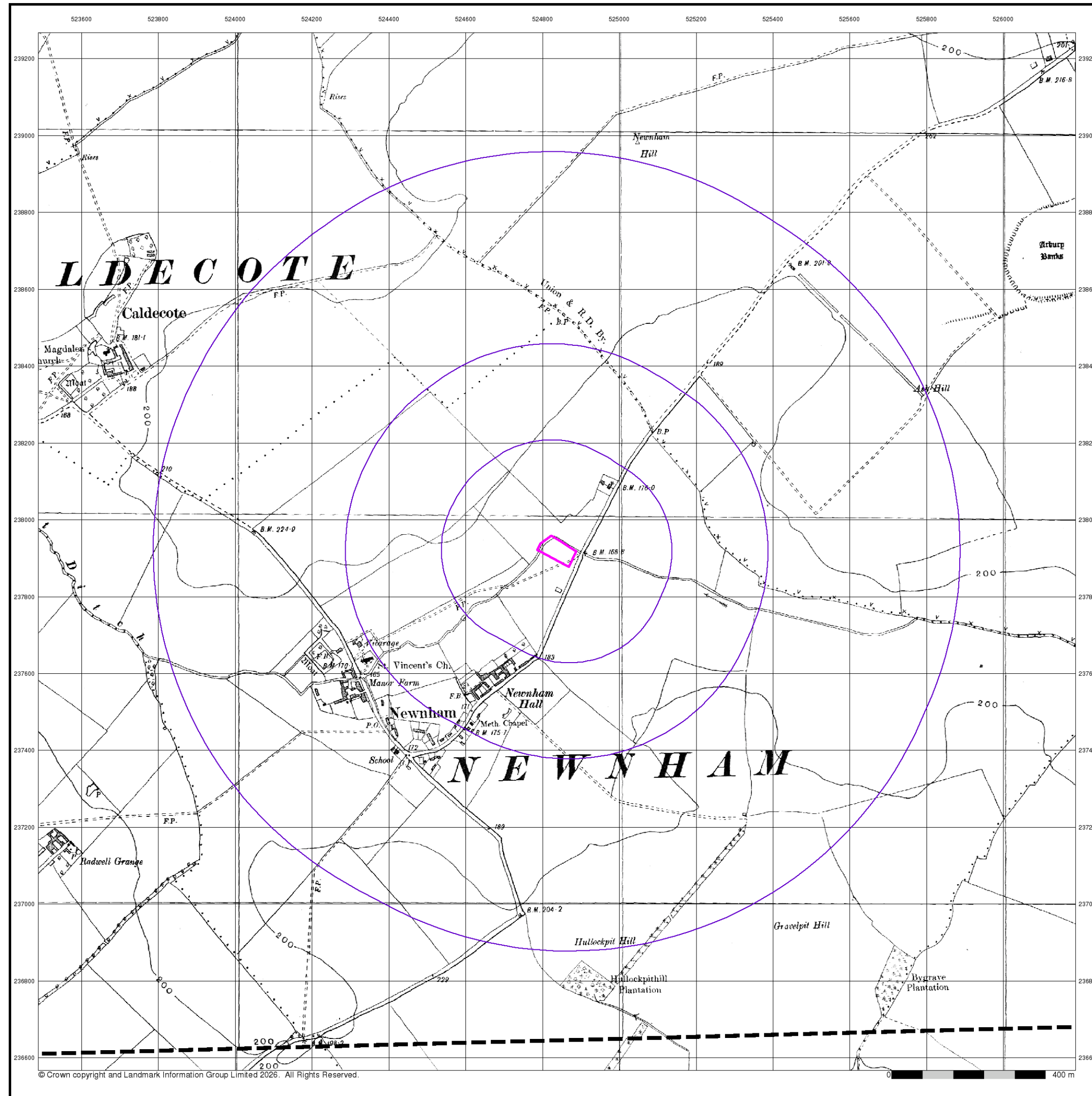


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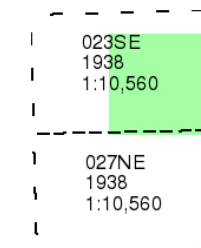
## Bedfordshire

Published 1938

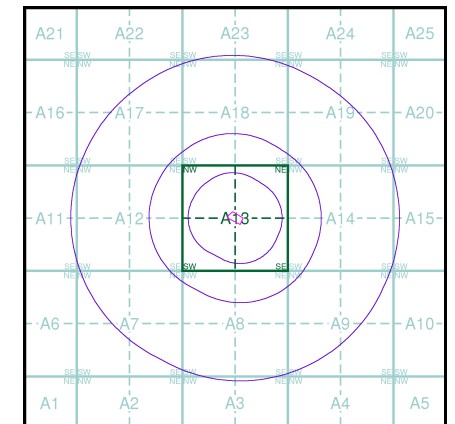
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### Historical Map - Slice A

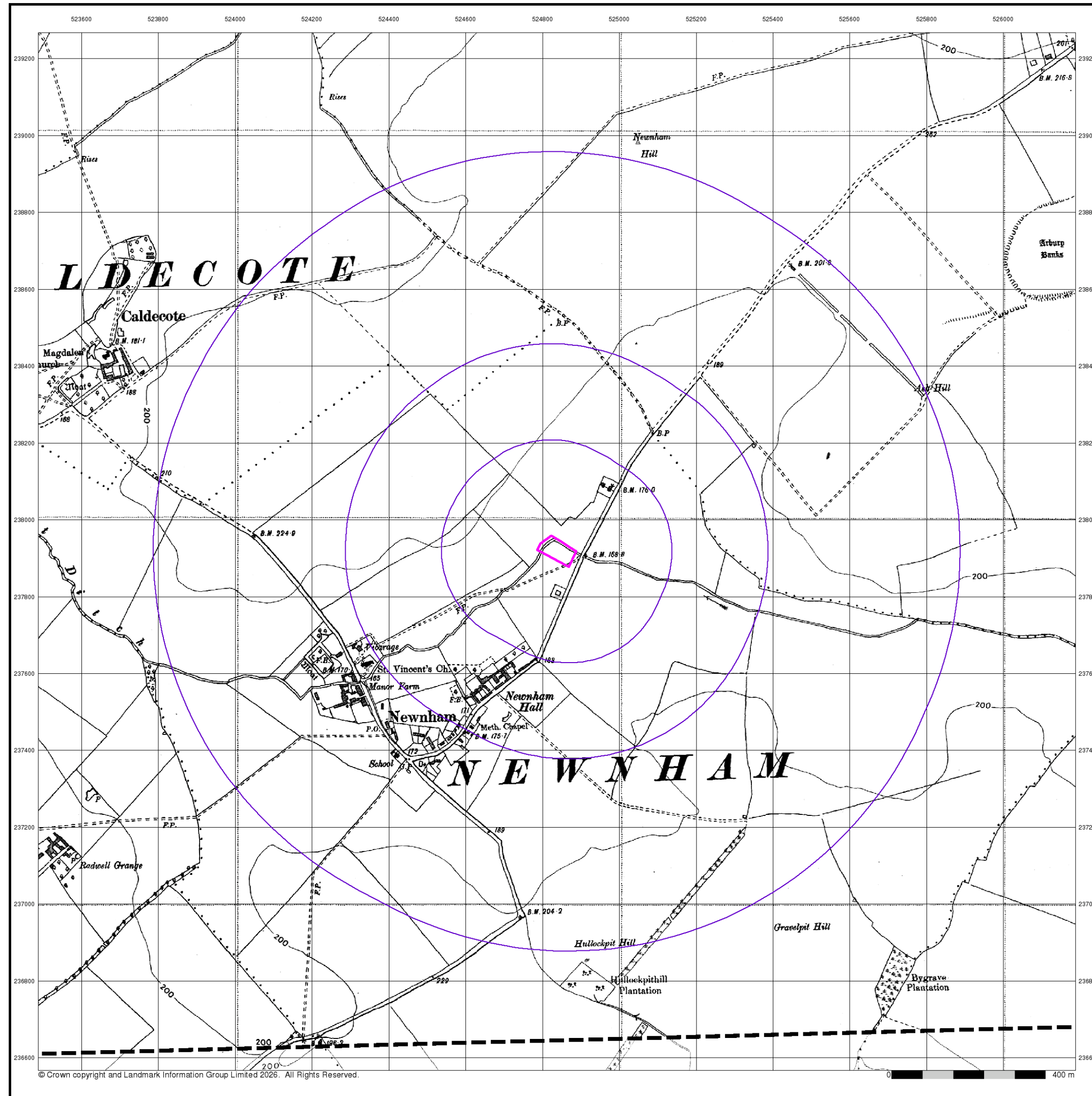


### Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
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Site Area (Ha): 0.42  
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### Site Details

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Hertfordshire, SG7 5JU



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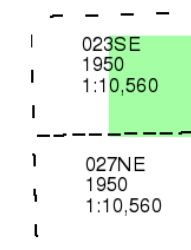
## Bedfordshire

Published 1950

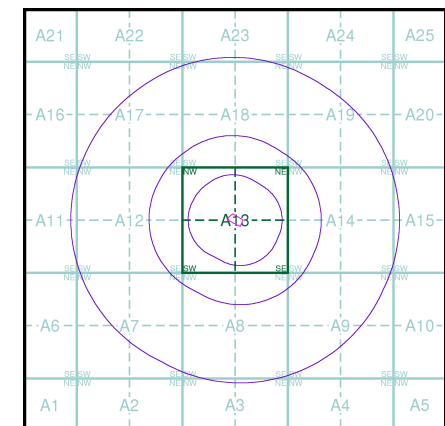
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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### Historical Map - Slice A

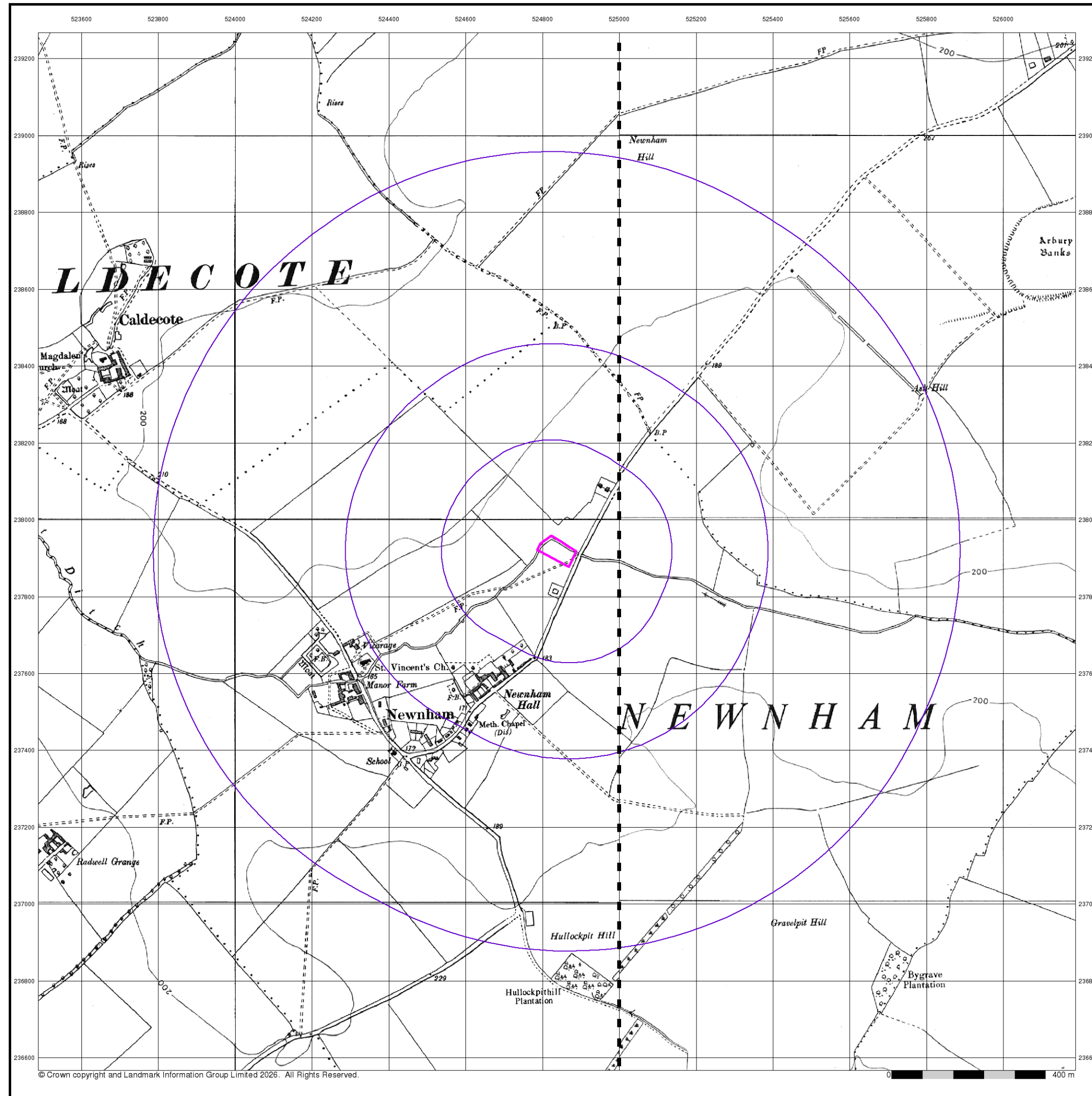


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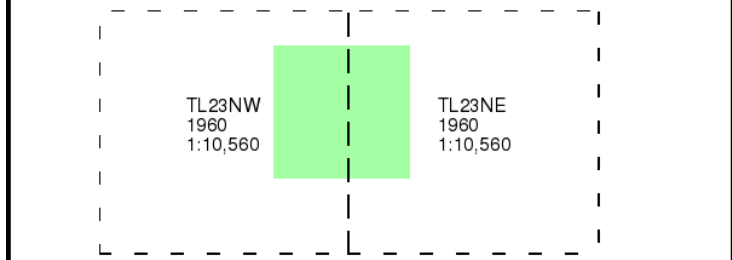
The White House, Ashwell Road, Newnham, Baldock,  
Hertfordshire, SG7 5JU



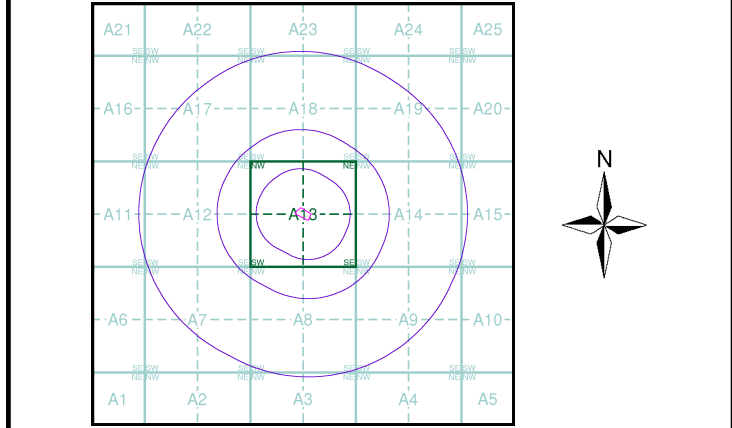
**Ordnance Survey Plan**  
**Published 1960**  
**Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

**Map Name(s) and Date(s)**

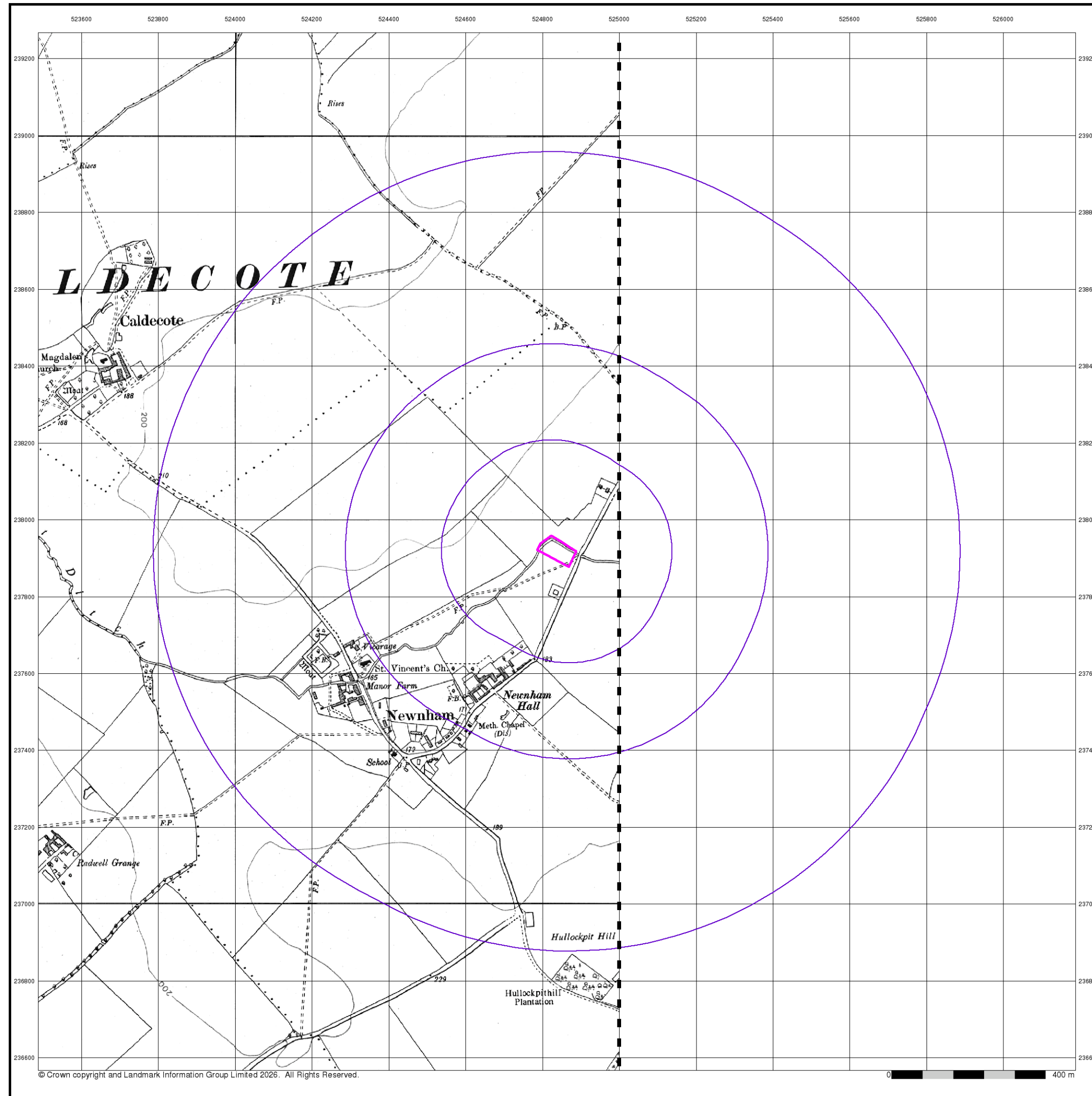


**Historical Map - Slice A**



**Order Details**  
Order Number: 398910027\_1\_1  
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0 400 m



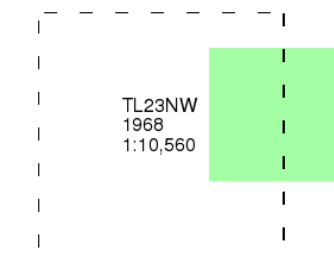
## Ordnance Survey Plan

Published 1968

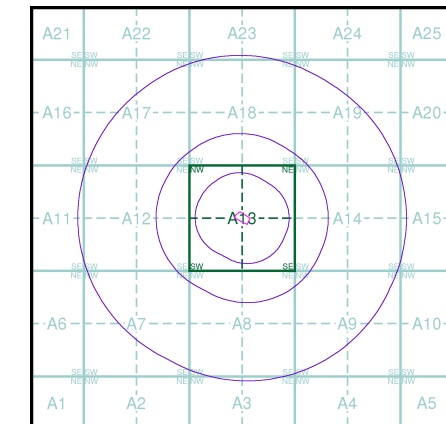
Source map scale - 1:10,000

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## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

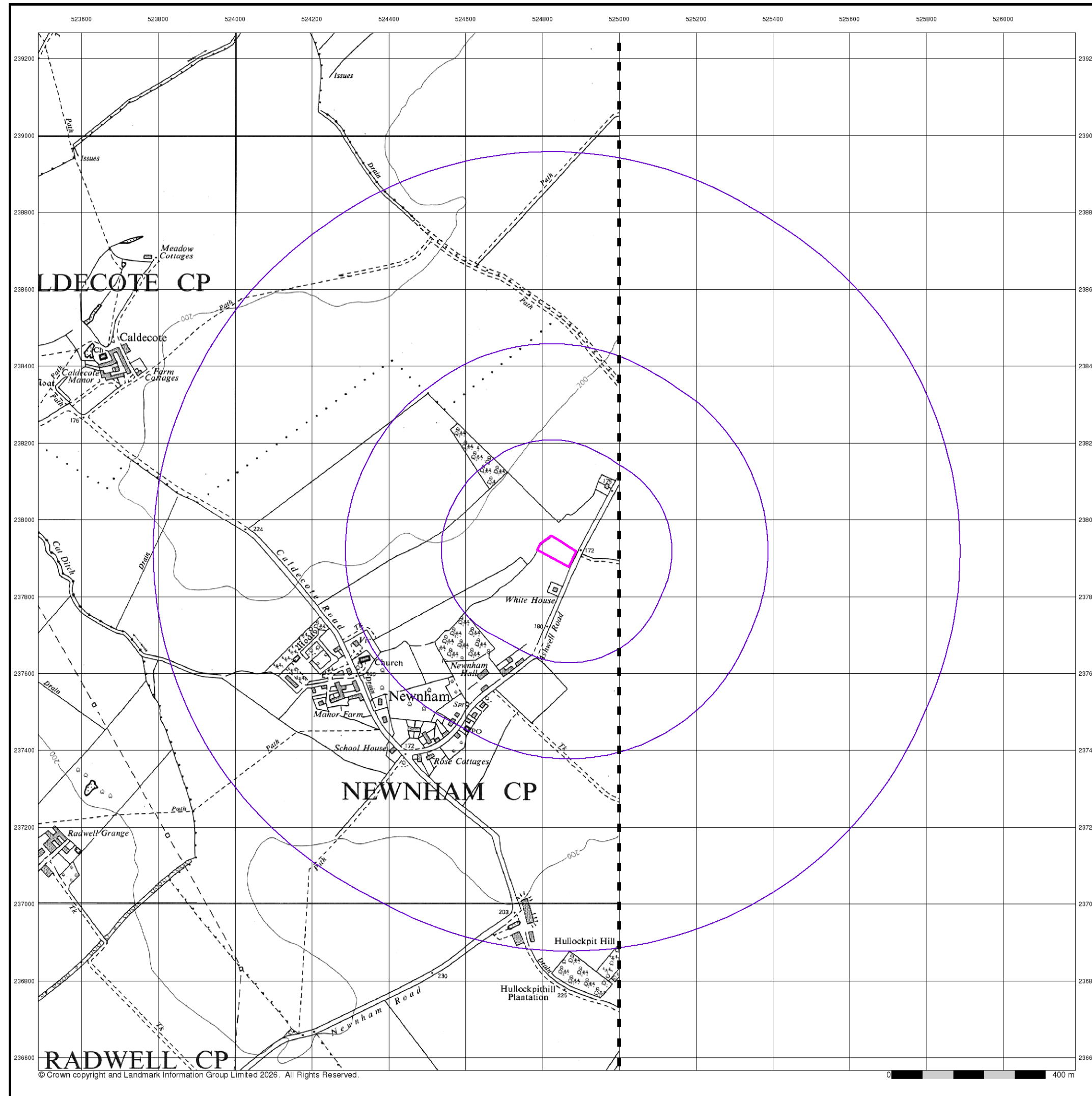
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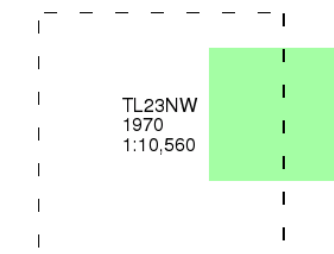
## Ordnance Survey Plan

Published 1970

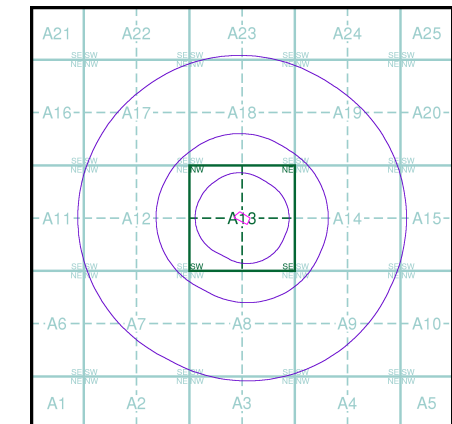
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

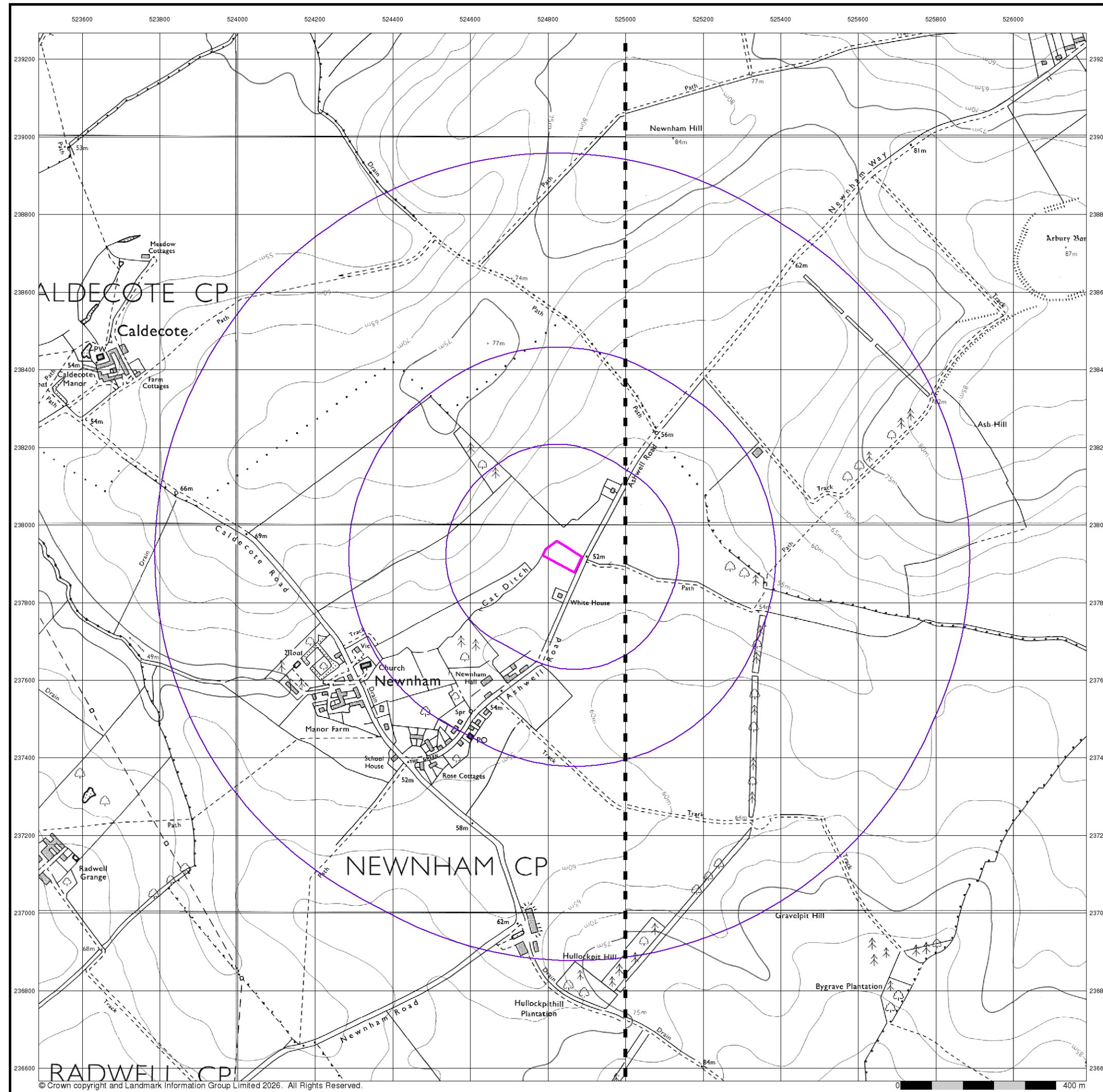
Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 1000

## Site Details

The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU



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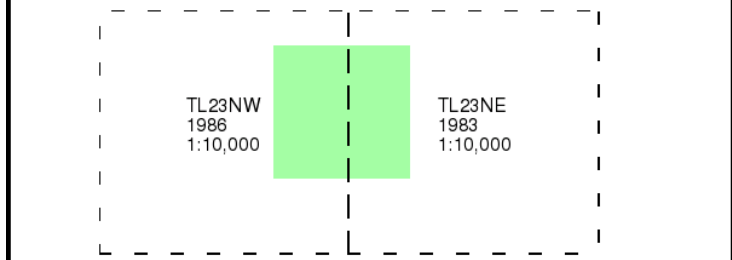
Ordnance Survey Plan

Published 1983 - 1986

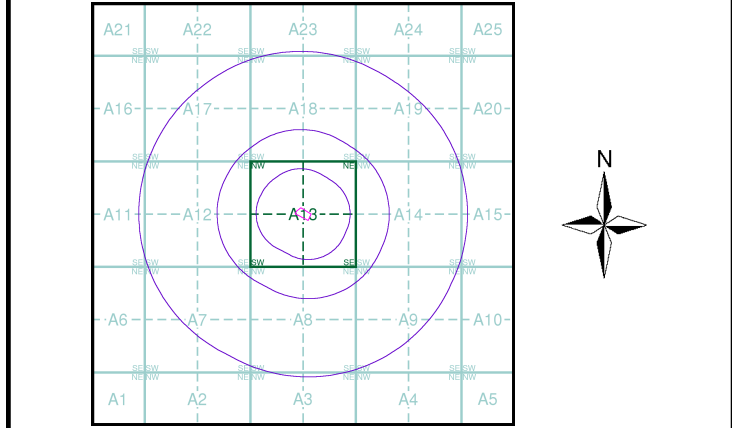
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

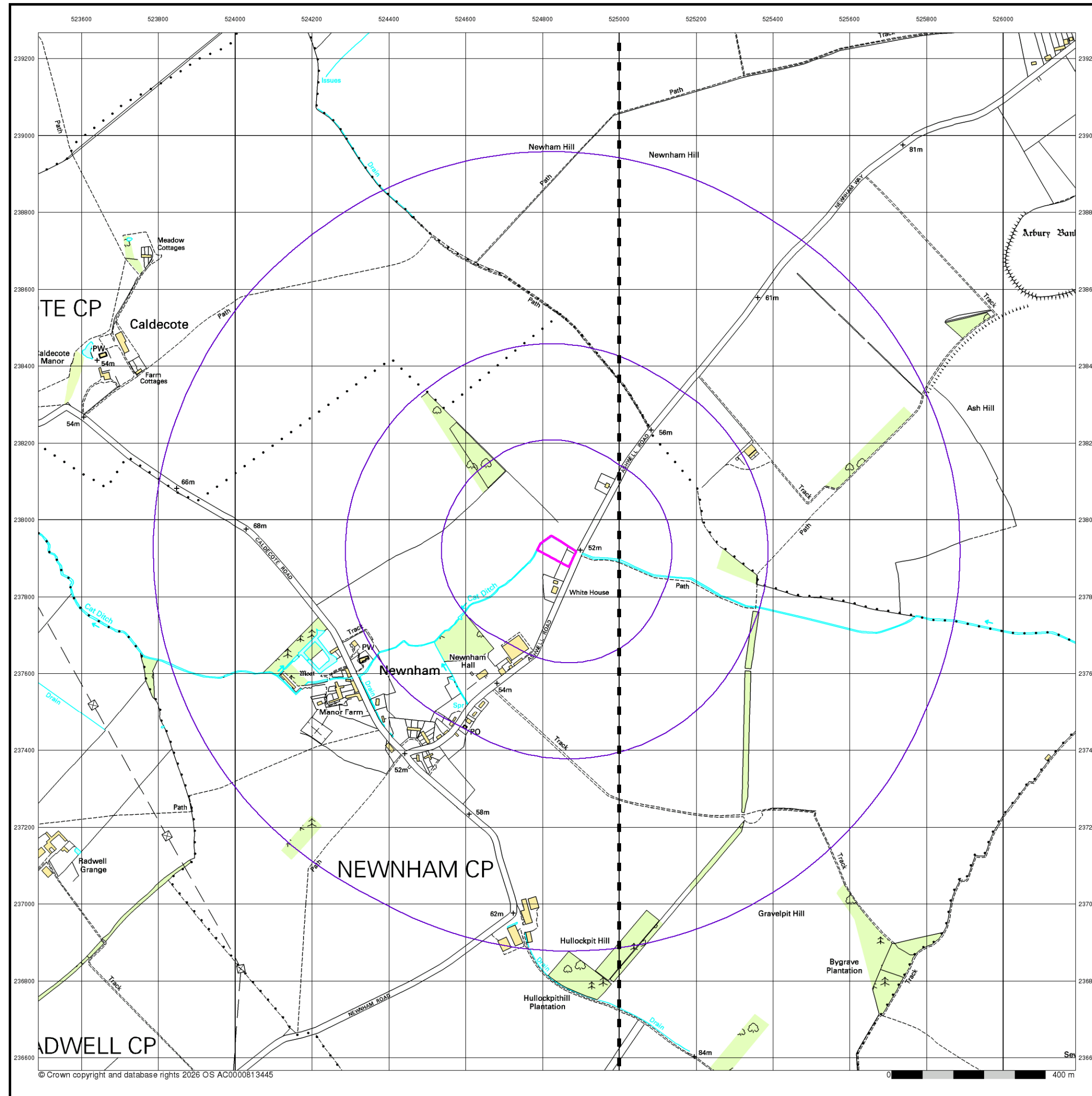


Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 398910027_1_1  |
| Customer Ref:            | 90903          |
| National Grid Reference: | 524840, 237920 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.42           |
| Search Buffer (m):       | 1000           |

Site Details

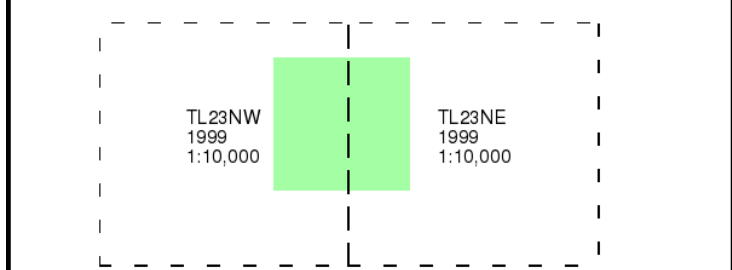
The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU



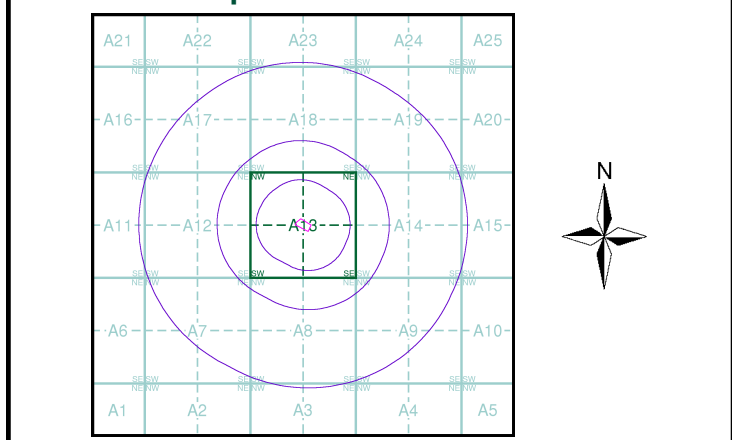
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

**Map Name(s) and Date(s)**

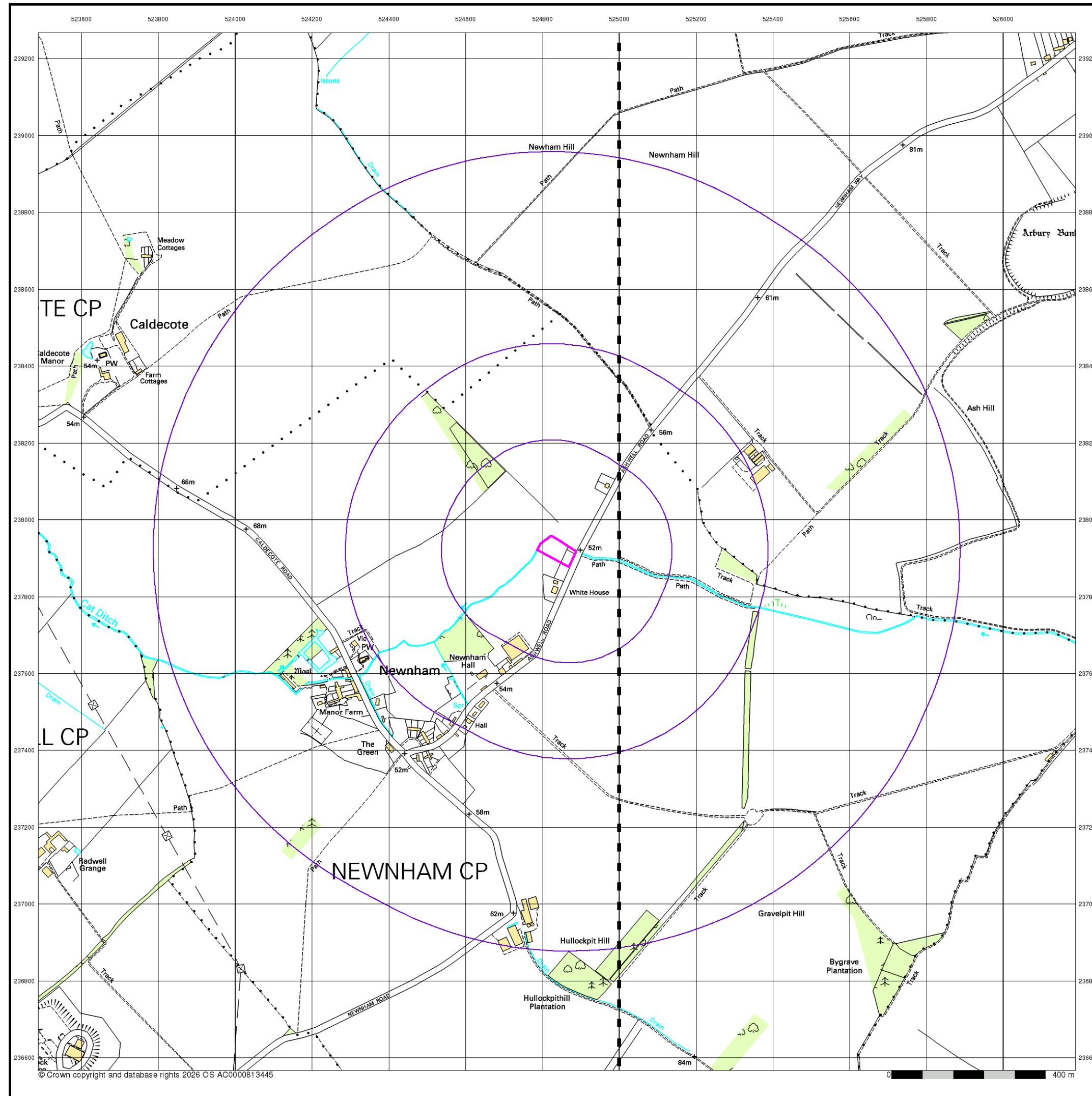


**Historical Map - Slice A**



**Order Details**  
Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 1000

**Site Details**  
The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU



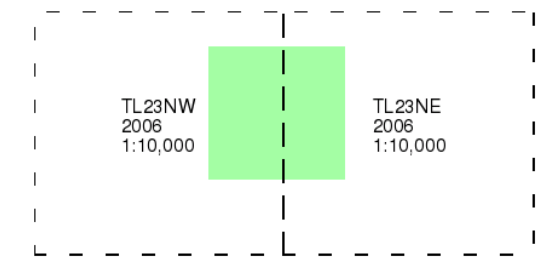
10k Raster Mapping

Published 2006

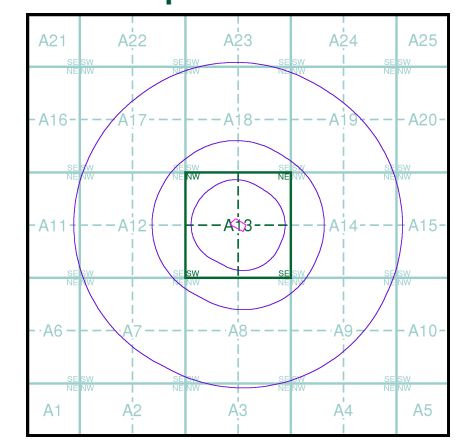
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

## Map Name(s) and Date(s)



## Historical Map - Slice A

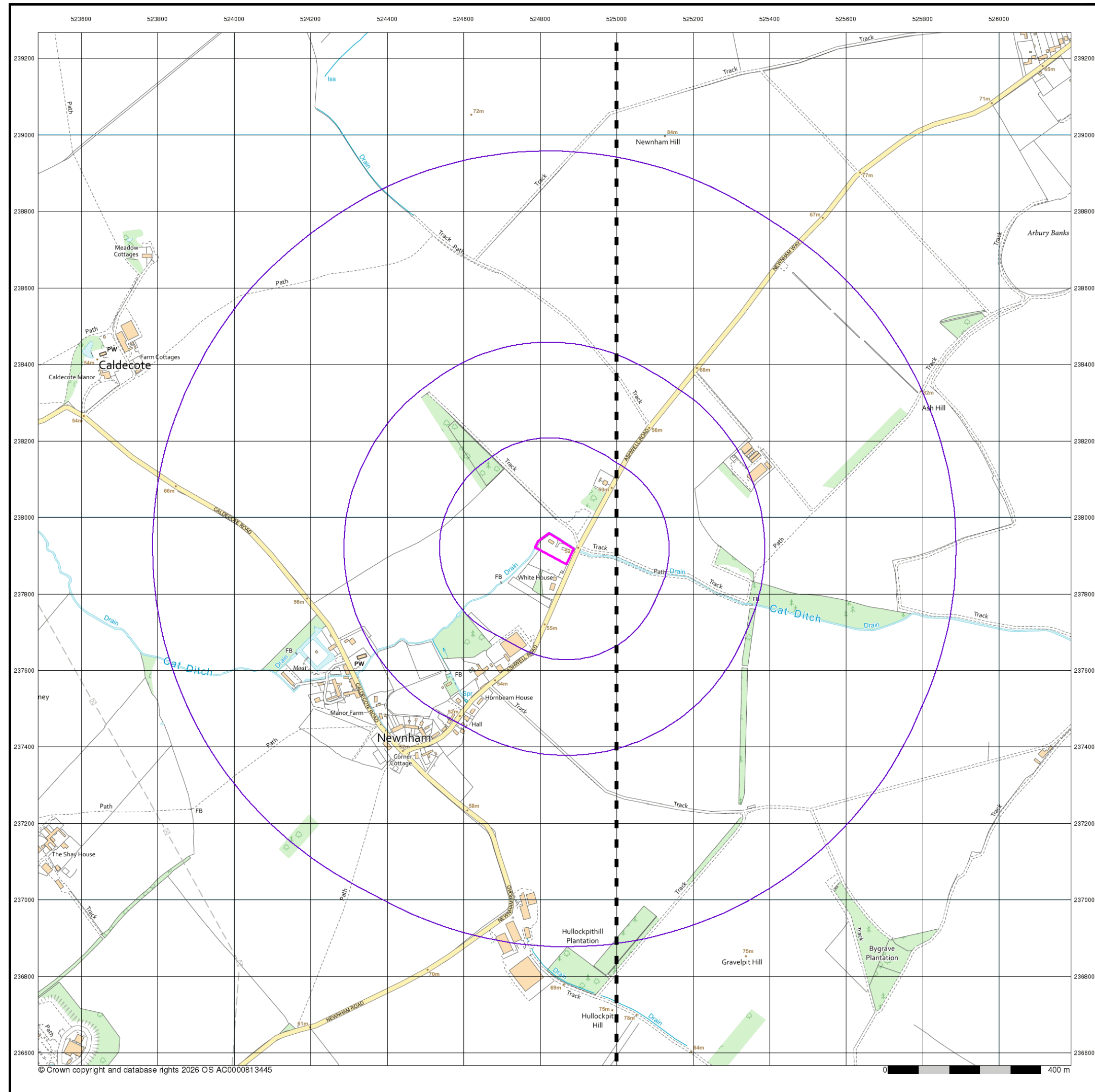


## Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 1000

## Site Details

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## VectorMap Local

**Published 2025**

**Source map scale - 1:10,000**

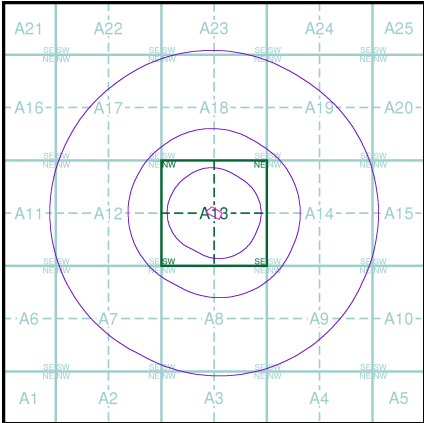
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

### Map Name(s) and Date(s)

TL23NW  
2025  
Variable

TL23NE  
2025  
Variable

### Historical Map - Slice A



### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 398910027_1_1  |
| Customer Ref:            | 90903          |
| National Grid Reference: | 524840, 237920 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.42           |
| Search Buffer (m):       | 1000           |

### Site Details

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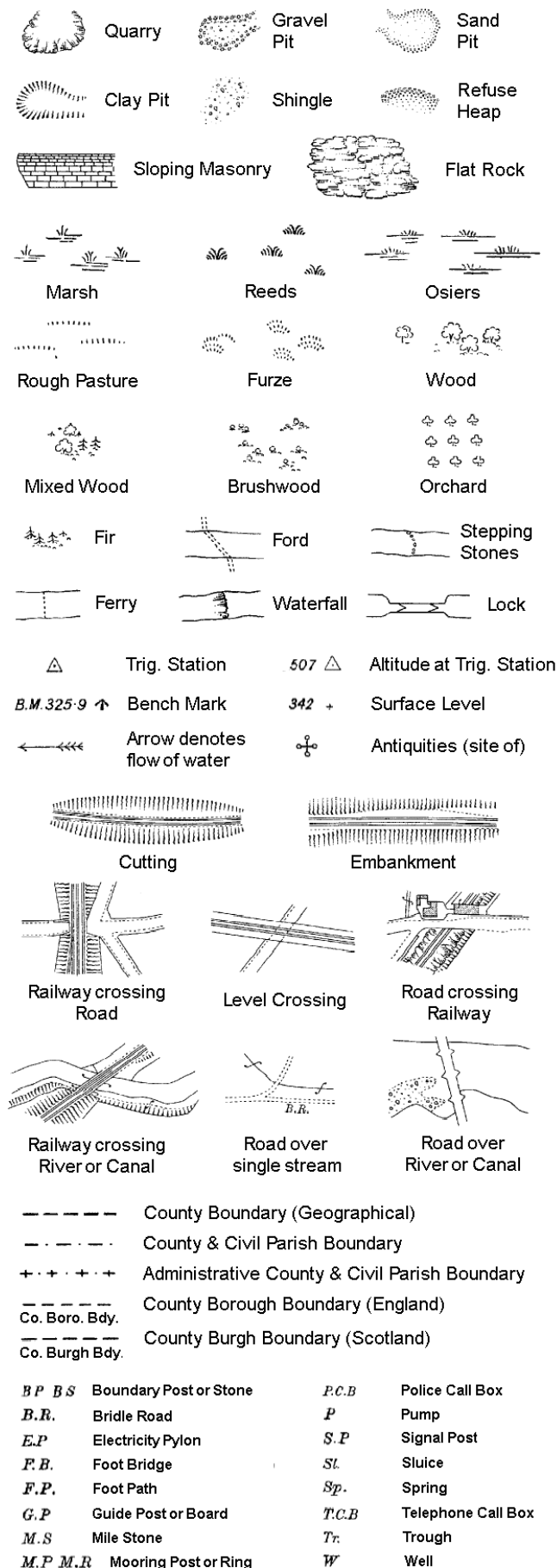
© Crown copyright and database rights 2026 OS AC0000813445

0 400 m

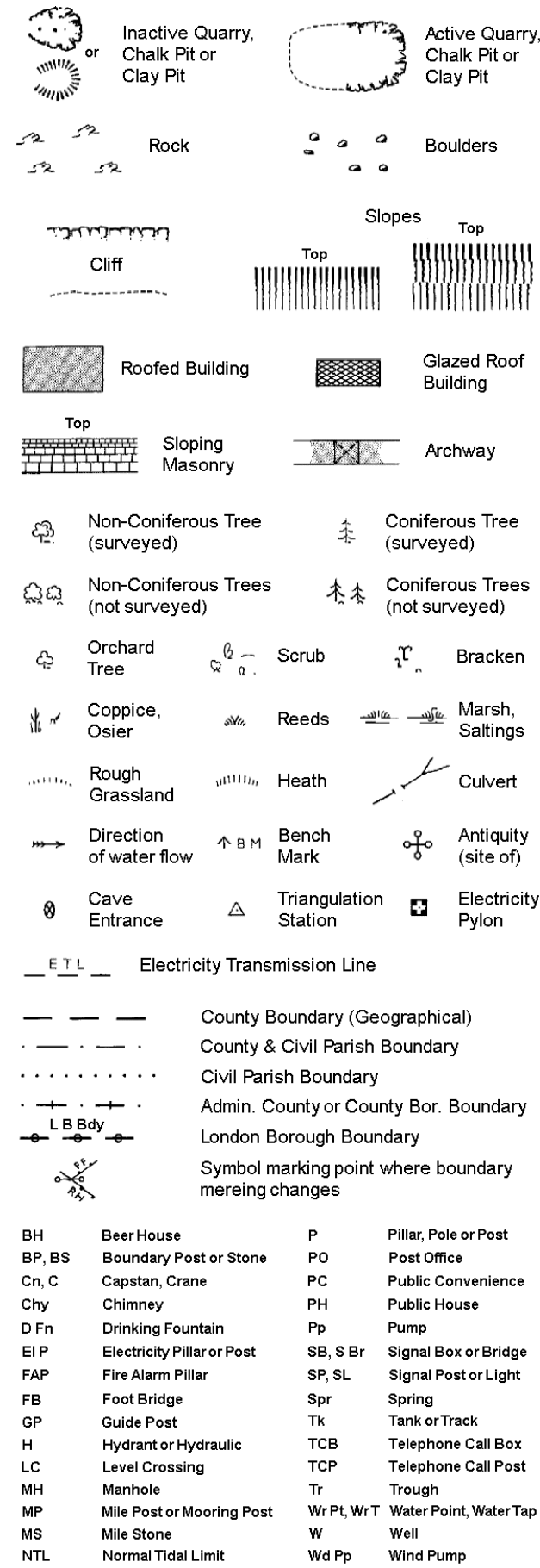
A Landmark Information Group Service v50.0 26-Mar-2026 Page 17 of 17

# Historical Mapping Legends

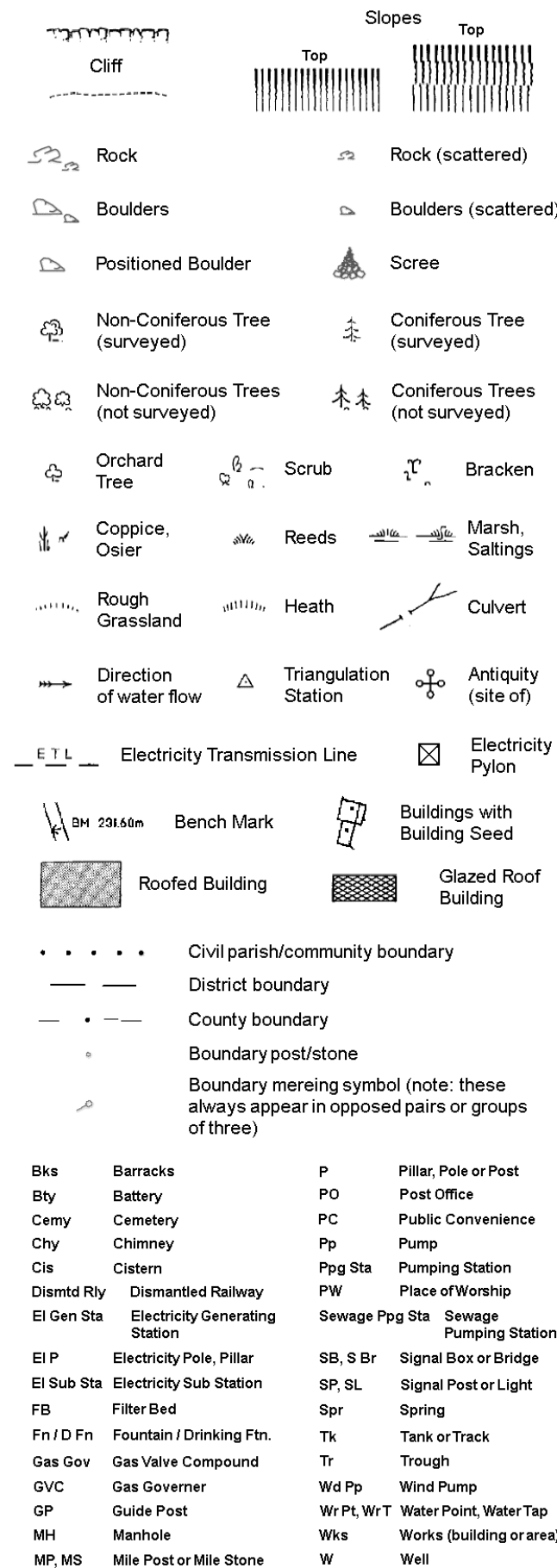
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



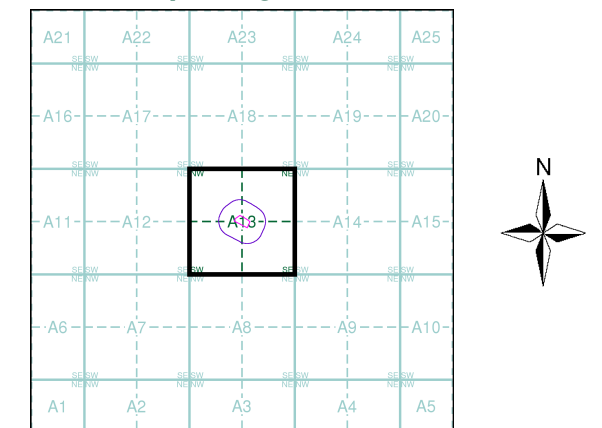
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

| Mapping Type                   | Scale   | Date        | Pg |
|--------------------------------|---------|-------------|----|
| Hertfordshire                  | 1:2,500 | 1877        | 2  |
| Hertfordshire                  | 1:2,500 | 1898        | 3  |
| Hertfordshire                  | 1:2,500 | 1924        | 4  |
| Ordnance Survey Plan           | 1:2,500 | 1968 - 1969 | 5  |
| Large-Scale National Grid Data | 1:2,500 | 1993        | 6  |
| Historical Aerial Photography  | 1:2,500 | 1999        | 7  |

## Historical Map - Segment A13



## Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

## Site Details

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Hertfordshire, SG7 5JU

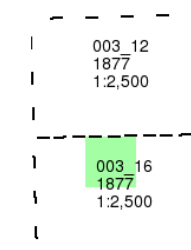
Hertfordshire

Published 1877

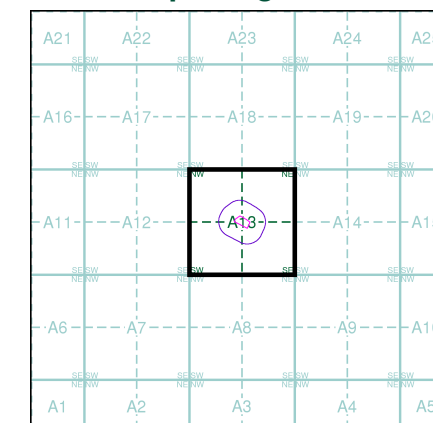
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

## Map Name(s) and Date(s)



## Historical Map - Segment A13

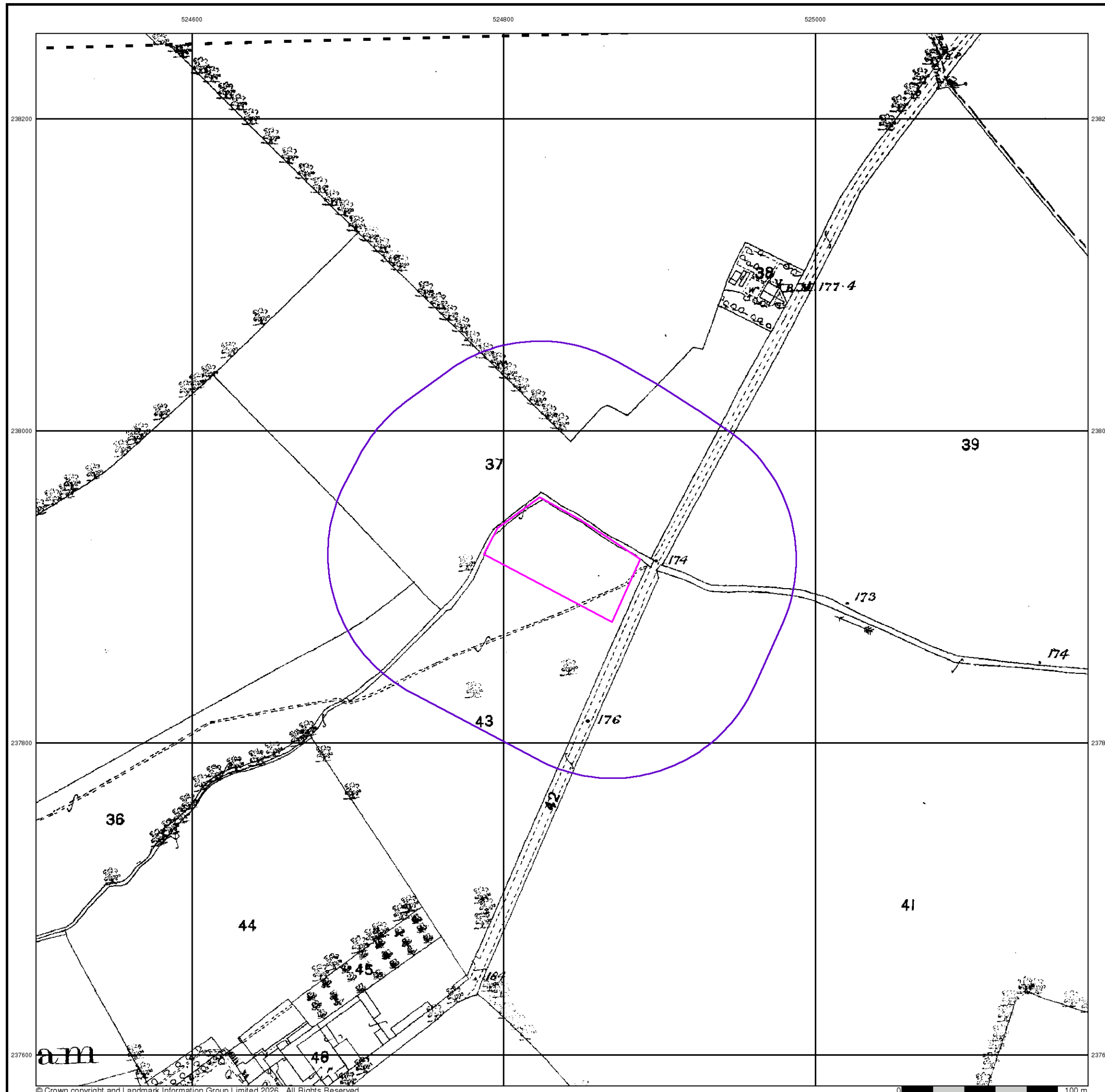


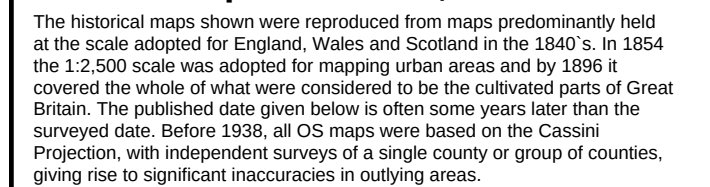
## Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

## Site Details

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Hertfordshire, SG7 5JU





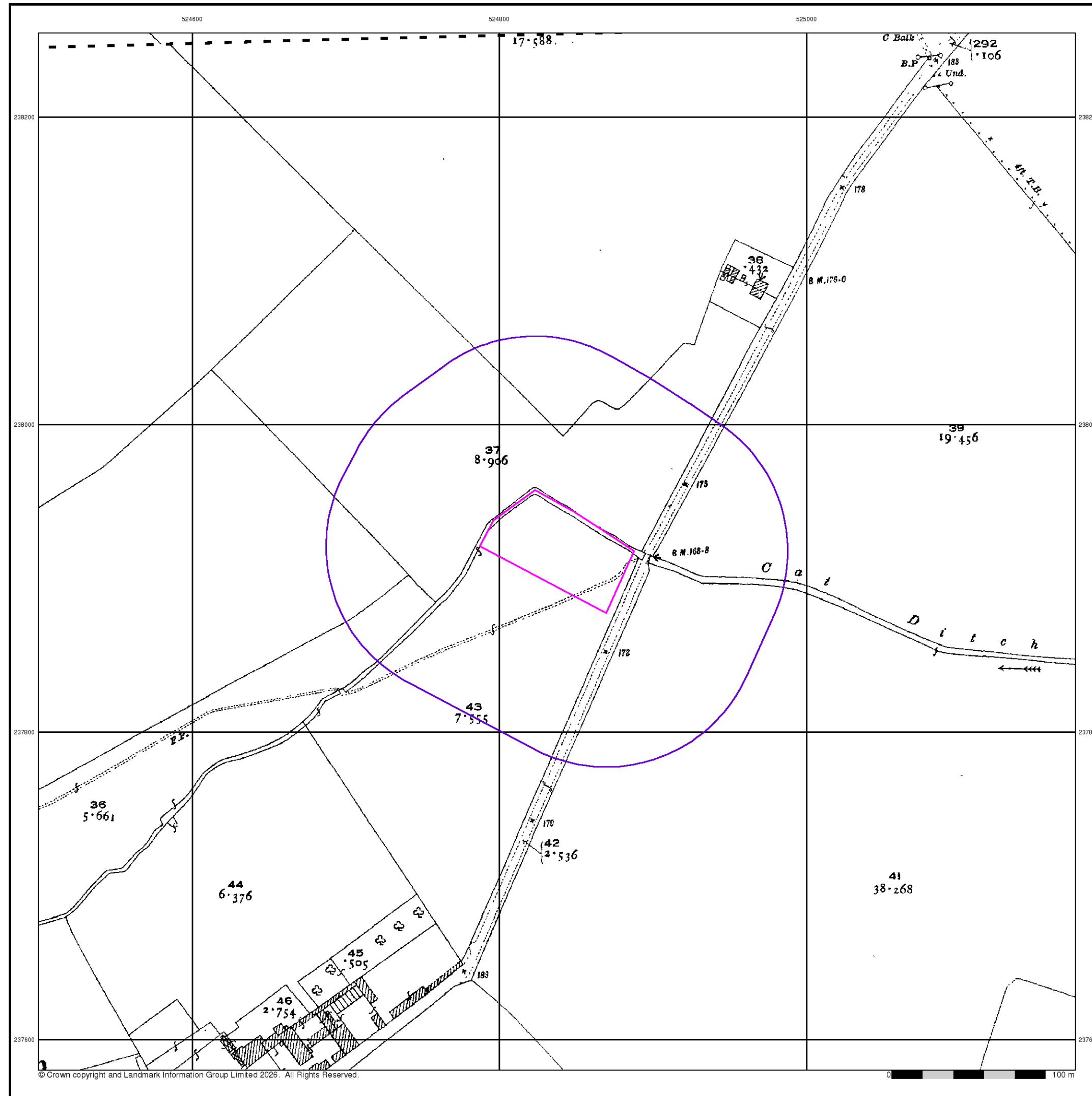
|        |      |         |
|--------|------|---------|
| 003_12 | 1898 | 1:2,500 |
| 003_16 | 1898 | 1:2,500 |

The figure shows a 5x5 grid map. The columns are labeled A1, A2, A3, A4, and A5 from left to right. The rows are labeled A6, A7, A8, A9, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, and A20 from bottom to top. A black square highlights the area between columns A2 and A4 and rows A11 and A13. Within this square, a purple circle is centered on the intersection of column A3 and row A12, labeled A13.



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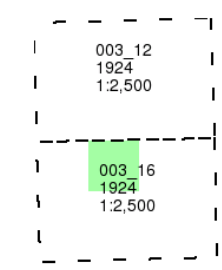
**Hertfordshire**

**Published 1924**

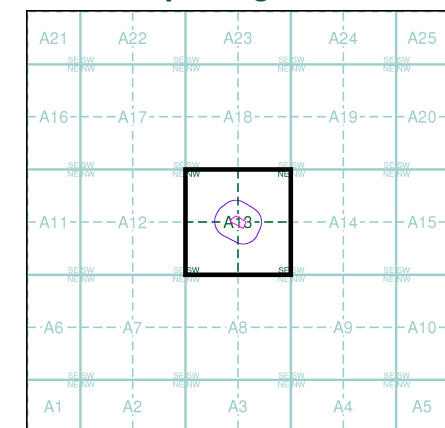
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**

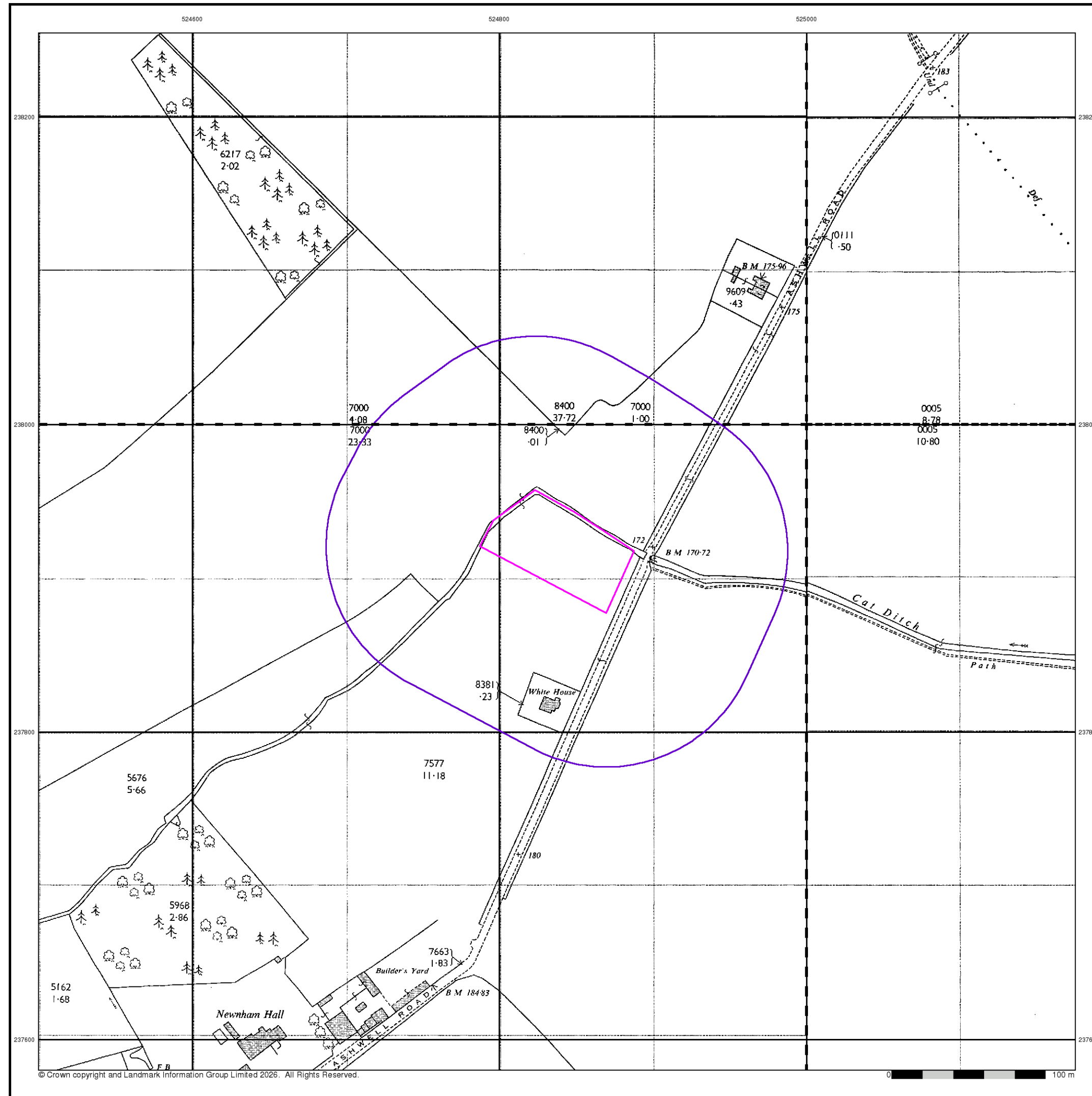


**Order Details**

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

**Site Details**

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Hertfordshire, SG7 5JU



**Ordnance Survey Plan**  
**Published 1968 - 1969**  
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

| Map Name(s) and Date(s) |        |        |        |
|-------------------------|--------|--------|--------|
| TL2438                  | 1968   | TL2538 | 1968   |
| 12,500                  | 12,500 | 12,500 | 12,500 |
| TL2437                  | 1969   | TL2537 | 1969   |
| 12,500                  | 12,500 | 12,500 | 12,500 |

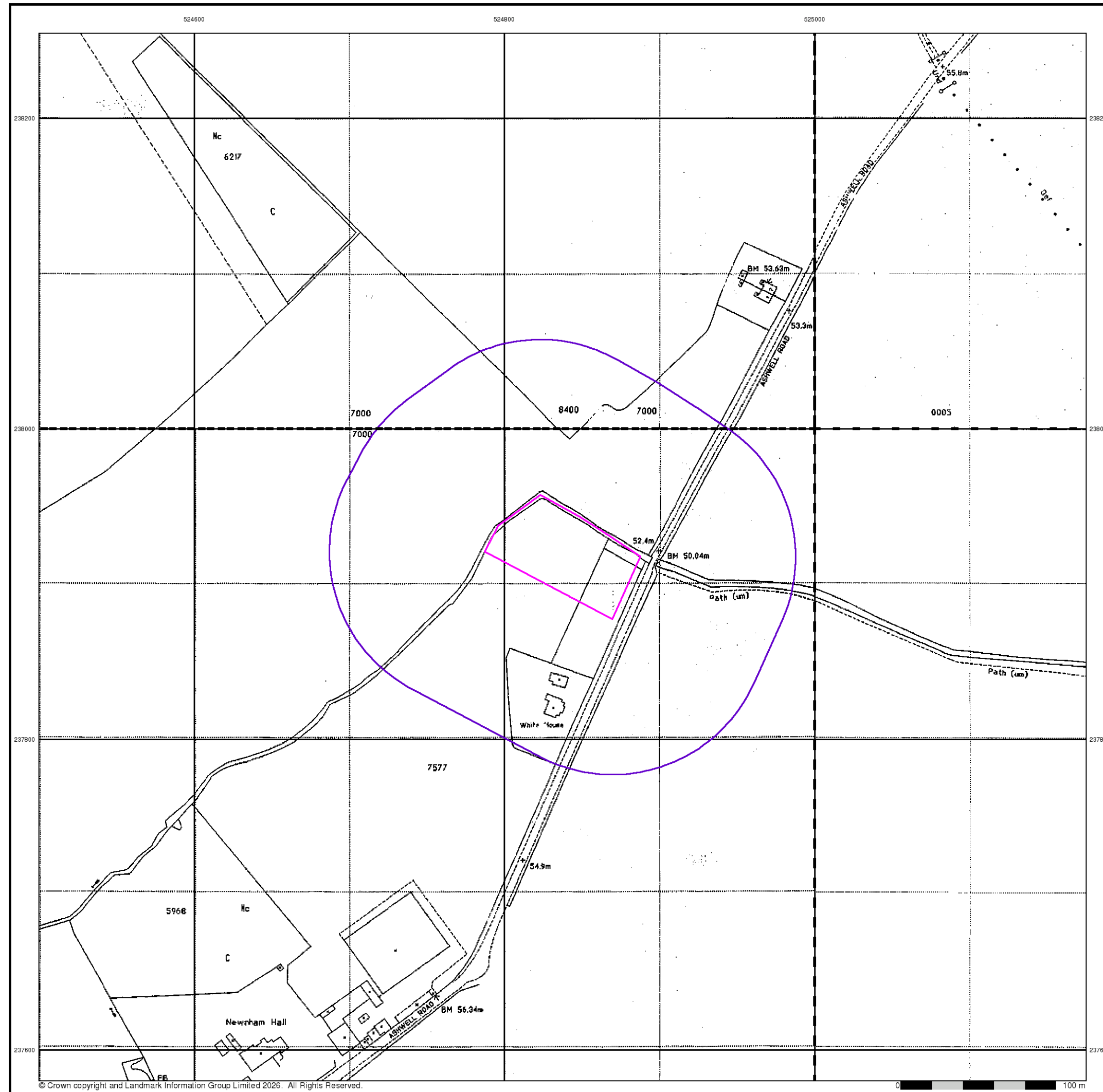
**Historical Map - Segment A13**

**Order Details**

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

**Site Details**

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## Large-Scale National Grid Data

Published 1993

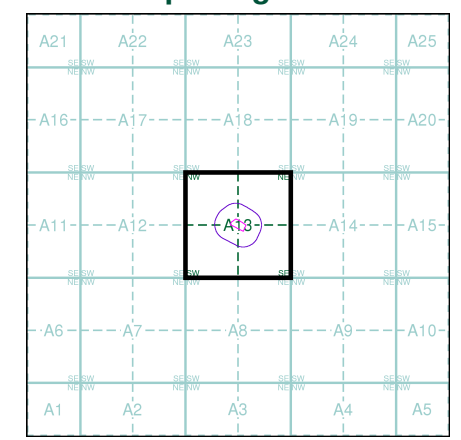
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)

|                          |                          |
|--------------------------|--------------------------|
| TL2438<br>1993<br>12,500 | TL2538<br>1993<br>12,500 |
| TL2437<br>1993<br>12,500 | TL2537<br>1993<br>12,500 |

### Historical Map - Segment A13



### Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

### Site Details

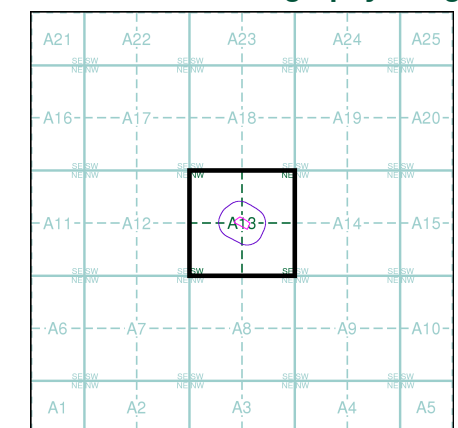
The White House, Ashwell Road, Newnham, Baldock, Hertfordshire, SG7 5JU

## Historical Aerial Photography

**Published 1999**

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 398910027\_1\_1  
Customer Ref: 90903  
National Grid Reference: 524840, 237920  
Slice: A  
Site Area (Ha): 0.42  
Search Buffer (m): 100

### Site Details

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