

**HARLESTON HALL BARN
HAUGHLEY ROAD, HARLESTON**

**PHASE 1 GEO-ENVIRONMENTAL DESK STUDY
& PRELIMINARY RISK ASSESSMENT**

May 2021

Report No. P0168/R01 Issue 1

Prepared for:

Mr John Arthur



Prepared by:

Sue Slaven

DOCUMENT INFORMATION AND CONTROL SHEET

Report No.	Title	
P0170/R01	Harleston Hall Barn, Haughley Road, Harleston Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment	
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Issue History

Issue	Status	Date	Report Author	Signature
1	Final	26 May 2021	Sue Slaven MIEnvSc CEnv SiLC 	

DISCLAIMER

This report should be read with the Service Constraints, Report Limitations & Planning Requirements set out in Appendix A.

EXECUTIVE SUMMARY

Item	Description
Client	Mr J Arthur
The Site	Harleston Hall Barn, Haughley Road, Harleston, IP14 3JQ
Report Objectives	This report presents the findings of a desk-based study and site walkover survey with regards to potential ground contamination from historical and/or current uses of the site and surrounding area. A preliminary risk assessment has been carried out relating to ground conditions.
Land Use History	The site formed the north-western corner of a larger field since 1884 until 1968 when poultry houses were constructed on-site and to the south. The site is currently occupied by a barn that is in use for storage.
Development Proposals	The development proposals are not known at the time of writing this report. As a worst case scenario, it is assumed that the site is to be developed to a residential land use, including a private garden.
Geo-environmental Setting	<p>Topography: The site is level, and the surrounding area gently undulates.</p> <p>Geology: The superficial deposits underlying the site comprise Lowestoft Formation (chalky till) and the bedrock geology is the Crag Group (sand).</p> <p>Hydrogeology: The Lowestoft Formation is classified as a Secondary aquifer and the Crag Group as a Principal aquifer. The site lies within groundwater Source Protection Zone 3 (total catchment) and the nearest groundwater abstraction licence was held at Moorbridge Farm, 730m to the north-west, which abstracts water from the underlying chalk for general agriculture use.</p> <p>Hydrology: The nearest surface watercourse is 185m to the north. Thus, the site lies within Flood Zone 1 (low probability).</p>
Phase 1 Preliminary Risk Assessment	Based on the history and walkover survey of the site and immediate vicinity, no significant on- or off-site sources of contamination have been identified. Therefore, as no significant sources of contamination have been identified, no pathways can be established and the potential risk to receptors is considered to be negligible.
Recommendations	No intrusive investigation is considered necessary at this time. It is recommended that a watching brief for visual and olfactory signs of contamination is kept during groundworks, and if identified, work should stop, and a risk assessment be carried out.
This summary forms part of a Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment report prepared by Sue Slaven and contains an overview of the key findings and conclusions. This summary should not be treated as an independent document and should be read as part of the complete report.	

**Harleston Hall Barn, Haughley Road, Harleston
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

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**Harleston Hall Barn, Haughley Road, Harleston
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

1. INTRODUCTION

1.1 Background Information

1.1.1 Sue Slaven was commissioned by Mr John Arthur to carry out a preliminary investigation (also recognised as a Phase 1 Geo-environmental Desk Study) for the site known as Harleston Hall Barn, Haughley Road, Harleston. The purpose of the report is to provide information for the site with regards to the potential for ground contamination to be present, which is achieved using published information and by carrying out a walkover survey.

1.1.2 The Desk Study comprises the first stage (i.e. Phase 1) of a geo-environmental assessment of a given site. The aim of the Desk Study is to identify potentially contaminative activities that may have occurred on-site and/or in the surrounding area and whether these pose a risk to identified receptors. For a risk to exist, three elements must be present in order to create a potential pollutant linkage (PPL), as follows:

- Source / Contaminant: activity / hazardous substance that has the potential to cause adverse impact.
- Receptor: target that may be affected by contamination, e.g. humans, property, land, controlled waters, flora and fauna.
- Pathway: a viable route whereby a hazardous substance may come into contact with the receptor.

1.2 Objectives of the Investigation

1.2.1 The objectives of this geo-environmental assessment are:

- To carry out a review of the geo-environmental setting of the site and surrounding area and assess the likelihood of ground contamination to exist.
- Prepare a preliminary risk assessment that assesses the presence of PPLs and whether further action is required.
- Produce a report for use by the Client.

1.2.2 In order to achieve these objectives, the following scope of works is proposed:

- A desk-based review of available information to include the history of the site and surrounding area.
- An interpretation of available geo-environmental data.
- Review any previous ground investigations reports prepared for the site.
- A walkover survey of the site and its environs.
- Develop a preliminary conceptual site model detailing all PPLs.
- Provide recommendations for a Phase 2 Ground Investigation, if required, based on the

findings, to ensure that the site is suitable for use and/or proposed use.

- 1.2.3 The findings and conclusions of the risk assessment and recommendations have assumed that the site is to be developed to a residential land use, although the proposed development is not known at the time of writing this report. However, if there is a subsequent change in land use, the risk assessments and conclusions presented in this report should be reviewed to determine whether they remain applicable.
- 1.2.4 This report has been devised to generally comply with the relevant principles and requirements of a range of guidance with regards to potentially contaminated land, including:
- BS 10175. Investigation of potentially contaminated sites - Code of practice.
 - BS 5930. Code of practice for ground investigations.
 - Defra. Contaminated Land (England) (Amendment) Regulations 2012 and Contaminated Land Statutory Guidance.
 - Environment Agency. Land Contamination: Risk Management. October 2020.
 - Environment Agency. Report GPLC1 - Guiding Principles for Land Contamination.
 - Environment Agency. The Environment Agency's approach to groundwater protection.
 - HCA. National Planning Policy Framework.
 - Part IIA of the Environmental Protection Act, 1990.

1.3 Report Limitations and Constraints

- 1.3.1 Sue Slaven's service constraints and report limitations are presented in Appendix A and a description of the environmental risk assessment methodology and terminology is presented in Appendix B. In preparation of this report, it is assumed that any information provided to Sue Slaven by the client or its representatives in connection with the commission is accurate, complete and not misleading. However, the accuracy or validity of this information cannot be guaranteed. This also consists of publicly available information including that which may be present on the Internet.
- 1.3.2 This report does not include specific investigation / identification for the presence of potential Asbestos Containing Materials (ACMs), Japanese Knotweed or defects within any structures that may be present on-site. However, it may be noted that these could be present on-site, as detailed within this report. Specialist contractors should then be commissioned to make assessments of these aspects, if required.
- 1.3.3 It should be noted that there were no consultations with the Local Authority or the Environment Agency by Sue Slaven at the time of writing this report.

1.4 Development Proposals

- 1.4.1 It is not known whether the site is to be redeveloped. However, for the purpose of this report, it is assumed that the site is to be developed to a residential land use, including a private garden.

2. SITE LOCATION AND DESCRIPTION

2.1 Site Location

2.1.1 The site location is indicated on Figure 1 and a brief description of the site is presented in Table 1.



Figure 1 Site Location (not to scale)

Table 1 Summary of the Site and its Environs

Location	The site is situated approximately 185m to the north-east of the village of Harleston, and 2km to the north-west of Stowmarket. The surrounding area is predominantly in agricultural use.
Grid Reference	601550, 260370
Post Code	IP14 3JQ
Site Area	0.01ha

2.2 Site Description

2.2.1 A site visit was undertaken on 18 May 2021 by Sue Slaven. Access to the site was from a shingle driveway that led from Haughley Road to the north. The shingle driveway led to residential properties to the south and east of the site. The site comprised a barn that was

situated in the north-eastern corner of a field, which was laid to grass and sloped gently towards the west.

- 2.2.2 The barn was constructed of blockwork lower walls, corrugated metal sheeting upper walls and a domed roof. Corrugated Perspex sheeted windows were on the northern and southern sides of the barn, with one on the western side that had been boarded up. There were sliding steel double doors on the eastern side and roller shutter doors on the western side, both of which would allow vehicular access. There were two pedestrian doors, one in the north-eastern corner that was boarded up and one on the western side.
- 2.2.3 The barn comprised a concrete floor with an inspection pit in the eastern sector. The pit was covered with timber planks and was infilled – its depth was unknown. The barn was in use for the storage of cut logs in the north-western corner, logs, ladders, bricks, roof tiles, wire fencing, tyres (hung on wall), doors, metal gates, a roller. All items were stored neatly against the walls.
- 2.2.4 There were two gates on either side of the eastern elevation of the barn. A metal gate, which was padlocked, was to the north and a wooden gate was to the south. To the north of the barn was an area approximately 1.5m wide, which was laid to grass with a hedge beyond and concrete slabs were being stored adjacent to the barn. The ground immediately to the west of the barn was laid with concrete slabs which lead further to the west, to an area that was in use for storage of metal oil drums and plastic tree protectors etc. To the west of the barn was the remains of a bonfire.
- 2.2.5 No signs of visual or olfactory signs of contamination were noted either on site or in the surrounding area. A selection of photographs is included within Appendix C.

3. HISTORY OF THE SITE AND IMMEDIATE VICINITY

3.1 General

- 3.1.1 A summary of the historical development of the site and immediate vicinity is presented below, which has been based on historical Ordnance Survey (OS) maps obtained from Envirocheck®, a selection of which are included in Appendix D. The age and general activity/land use can often be defined from the layout of structures depicted on historical OS maps, however, specific elements of site operations may not be determined from these maps. Only off-site features present within a radius of 250m of the site are considered relevant.

3.2 Historical Maps

1884 (1:2,500)

- 3.2.1 The site occupied the north-eastern corner of a larger field. To the east of the site was a farmyard comprising several buildings and a road to the north. Harleston Hall was 100m to the south-east and there were ponds 80m and 100m to the south-east.

1904 (1:2,500) / 1926 (1:2,500) / 1938 (1:10,560) / 1958 (1:10,000)

3.2.2 The site and surrounding area remained unchanged.

1968 (1:2,500)

3.2.3 The site was occupied by a poultry house, with an additional two poultry houses immediately to the south.

1985 (1:10,000)

3.2.4 The site and surrounding area remained unchanged.

2000 (1:10,000)

3.2.4 The poultry houses had been demolished.

3.3 Planning History

3.3.1 A review of Mid Suffolk Council's planning website was carried out with regards to planning applications relating to the site and surrounding area, using "IP14 3JQ" as the search term. There were four records dating back to August 2015, which involved three properties: Harleston Hall, Michaelmas Cottage and Hallcroft House and involved amendments to the existing properties.

3.4 Previous Investigations

3.4.1 It is understood that the site has not been subject to ground investigation.

4. ENVIRONMENTAL SETTING

4.1 General

4.1.1 A summary of the environmental background information (geology, hydrology, hydrogeology and sites of ecological interest) is presented below. The information has been obtained from publicly available information and an Envirocheck® report within a 250m radius of the site, which is included as Appendix E of this report. This information, together with other information included within this report, represent the base data used to formulate the conceptual site model.

4.2 Geology

4.2.1 The geological appraisal has been compiled using the following references:

- BGS Website – 25 May 2021 (<http://mapapps.bgs.ac.uk/geologyofbritain/>)

- Envirocheck Report

4.2.2 The records indicate that the superficial deposits underlying the site comprise the Lowestoft Formation, which forms an extensive sheet of chalky till, together with sands and gravels, silts and clays. The till is characterised by its chalk and flint content. The bedrock geology is the Crag Group, which consists of sands, gravels, silts and clays. The sands are characteristically dark green from glauconite and weather bright orange with haematite iron pans. There were two records of boreholes having been drilled in the vicinity of the site, as follows:

- (1) 70m to the south-east at Harleston Hall to a depth of 62.78m, drilled in 1914. However, details were not available and ground conditions were summarised as Pleistocene, overlying Upper Chalk.
- (2) 560m to the south-west at Harleston Green to a depth of 76.2m, drilled in August 1949. Ground conditions comprised Boulder Clay to a depth of 22.8m, overlying sand and gravel / Crag to 52.1m, and Chalk to the base of the borehole.

4.2.3 The site is not situated in an area where radon protective measures are necessary in the construction of new buildings.

4.3 Hydrogeology

4.3.1 The hydrogeological appraisal has been compiled using the following references:

- Envirocheck Report
- MAGIC Website – 25 May 2021 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.3.2 The Lowestoft Formation is classified as a Secondary aquifer and the Crag Group as a Principal aquifer. The site is located within groundwater Source Protection Zone 3 (Total Catchment) and the nearest groundwater abstraction licence is held at Moorbridge Farm 730m to the north-west of the site, which abstracts groundwater from the underlying chalk for general agriculture use.

4.4 Hydrology

4.4.1 The hydrological appraisal has been compiled using the following references:

- Envirocheck
- <https://flood-map-for-planning.service.gov.uk/>

4.4.2 The nearest surface watercourse to the site is 185m to the north. However, there are four records of discharge consents within 250m of the site, three of which relate to the discharge of final/treated effluent into a tributary of the River Gipping at locations 50m to the north-east (Hallcroft House), 100m to the west (The Willows) and 210m to the east (Harleston Hall). Anglian Water operate a pumping station 215m to the south-west which discharges storm sewage overflow into a tributary of the River Gipping.

4.4.3 The site lies within Flood Zone 1, which indicates that there is a low probability of flooding.

4.5 Ecology / Archaeology

4.5.1 The ecological and archaeological appraisals have been compiled using the following references:

- Envirocheck Report
- MAGIC Website – 25 May 2021 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.5.2 There are no sites of ecological significance (e.g. Ramsar, Special Protection Area, a Site of Special Scientific Interest, Special Area of Conservation) within a radius of 250m of the site. There are also no archaeological features within 250m. There were three Grade 2 listed buildings within a radius of 250m of the site: the range of farm buildings 65m to the east; Harleston Hall 100m to the south-east and Hall Cottage 115m to the south-west.

5. POTENTIALLY CONTAMINATIVE USES OF THE SITE AND ITS ENVIRONS

5.1 General

5.1.1 Reviews of the Envirocheck report, historical maps and the MAGIC website, as above, were carried out with regards of industrial processes within 250m of the site, together with observations made during the walkover survey.

5.2 Waste

5.2.1 There were no records of historical or operational landfill sites, waste management or waste treatment sites within 250m of the site.

5.3 Statutory Authorisations

5.3.1 There are no records of sites subject to Local Authority Pollution Prevent Control (LAPPC), Control of Major Accident Sites (COMAH) or Explosives Sites within a 250m radius of the site. There were also no records of sites subject to Notification of Installations Handling Hazardous Substances (NIHHS), Registered Radioactive Substances or Hazardous Substances Consent.

5.4 Other Possible Contaminative Uses

Quarrying

5.4.1 There were no quarries or mineral sites within 250m of the site.

Fuel Sites

5.4.2 There are no petrol stations within 250m of the site.

Contemporary Trade Directory

5.4.3 There were no records of trades within a 250m radius of the site.

Unexploded Ordnance

5.4.4 According to the Zetica Bomb Risk Map for Suffolk, there is a negligible risk of unexploded ordnance in the area.

6. HAZARD ASSESSMENT & PRELIMINARY CONCEPTUAL SITE MODEL

6.1 Background

6.1.1 The hazard identification assumes that the site is to be developed to a residential land use, including a private garden. As described in Appendix B, current Government policy involves a 'suitable for use' approach to the control and treatment of contaminated land in which remedial action is only required where:

- the contamination poses unacceptable, actual or potential risk to health or the environment; and
- there are appropriate and cost-effective means available to do so, considering the actual or intended end-use of the site.

6.1.2 If the land is being used only for certain purposes, the number of pathways by which the identified receptors might be exposed to will be limited, so that less extensive and costly remediation measures would be needed to reduce the risk to below a given level than would be the case for all types of actual or potential use. The land would then be 'suitable for use'.

6.1.3 When assessing the potential hazards and liabilities relating to land contamination, the following issues must be addressed:

- Does the site present a threat to the public or occupiers in its current state?
- Will the contaminants present a hazard to site operatives, or the surrounding environment, during redevelopment?
- Will there be a threat to end-users of the site? and
- Is there a potential for future liabilities due to off-site migration of contaminants?

6.2 Potential Sources of Contamination

6.2.1 For the purpose of this assessment, the potential contaminants of concern have been considered according to whether they are likely to have originated from on-site or off-site sources.

Potential On-site Sources of Contamination

6.2.2 The site remained undeveloped until 1968 when a poultry house occupied the site, together with another two immediately to the south. The poultry houses had been demolished by 2000. The site is currently occupied by a barn with vehicular access on two sides. An inspection pit was in the eastern sector, although this had been infilled. The barn consisted of a concrete floor that appeared to be in good condition, without cracks or vegetation growing through and no signs of contamination. Thus, no significant sources of contamination have been identified as part of the desk study and walkover survey.

Potential Off-site Sources of Contamination

6.2.3 Potential off-site sources of contamination can be identified as the farmyard located to the east of the site. However, the buildings have since been converted to residential buildings and it is unlikely that ground contamination is present.

6.3 Potential Receptors of Contamination

6.3.1 For any given site, potential receptors can include: current and future site users / occupiers, construction workers, neighbouring land, on-site buildings / hardstanding / underground services, controlled waters (ground and surface), flora and fauna. These receptors incorporate those normally required by the Local Authority to be considered in their planning conditions relating to land contamination.

6.3.2 For this site, however, the receptors are considered to be as follows:

On-site

- Current site users
- Future site occupiers (i.e. construction workers, residents)
- Buildings and underground services
- Plants
- Groundwater (Secondary / Principal aquifers)

Off-site

- Residential properties to the east
- Users of Haughley Road to the north
- Users of the field in which the barn was situated

6.3.3 The preliminary assessment of risks undertaken for the development considers potential risks to receptors identified above. It should be noted that not all possible contaminant linkages may be formed between sources and receptors.

6.4 Identification of Pathways

6.4.1 If contaminants are present in the ground, there are a number of potential pathways that enable human receptors to come into contact or be exposed to them. The most direct pathways, considered under UK legislation, can be summarised as follows:

- *Ingestion* of outdoor soil, indoor dust, home grown vegetables or of soil attached to home grown vegetables.
- *Dermal Contact* with outdoor soil and/or indoor dust.
- *Inhalation* of outdoor/indoor dust, outdoor/indoor soil vapour.

6.4.2 In addition to direct exposure pathways principally affecting human health, there are a number of physical transport mechanisms / pathways that may also exist at any given site, including:

- *Downward and lateral movement* of contaminants in soil either by gravity or through being 'leached' by percolating rainwater to controlled waters.
- *Lateral migration* of contaminants dissolved in groundwater.
- *Volatilisation* of contaminants from groundwater or unsaturated soils into buildings or outdoor air.
- *Migration of ground gas* (carbon dioxide and methane) into buildings or confined spaces.
- *Direct seepage / ingress or leaching* of contaminants from soil into subsurface drains or water supply pipework.
- *Direct contact* with buildings and hardstanding.
- Potential *phytotoxic effects* on sensitive landscaping plants and uptake by fauna.

Human Health

6.4.3 The site is to be developed to a residential land use that includes a private garden, thus potential pathways are possible such as long-term soil/dust inhalation/ingestion, dermal contact and ingestion of soil attached to home-grown vegetables. However, no significant sources of contamination were identified and thus, the presence of ground contamination is considered to be unlikely.

6.4.4 During the redevelopment of any site, contact with contaminants by groundworkers will typically be short-term. However, no significant sources of contamination were identified and thus, the presence of ground contamination is considered to be unlikely. Furthermore, assuming good site practices are followed, there is a negligible risk.

Ground Gas

6.4.5 There is the potential for ground gas (carbon dioxide and methane) to enter future permanent buildings if the site is located within 250m of a landfill site or infilled ground and ground conditions allow for the migration of ground gas. However, no significant sources of ground gas have been identified.

Pathways to Controlled Waters

- 6.4.6 The site is underlain by a Secondary aquifer and Principal aquifer. There are no surface watercourses within the vicinity of the site. Thus, groundwater is considered to be sensitive to the potential presence of ground contamination. However, no significant sources of contamination have been identified and thus, controlled waters will remain unaffected.

Other Pathways

- 6.4.7 Other potential pathways that are possibly less significant to the site although still require consideration are: potential phytotoxic effects on sensitive landscaping plants; chemical attack on foundations and services and permeation of contaminants through domestic water pipes. However, as there are no sources of on-site contamination, these pathways cannot be established.

6.5 Preliminary Conceptual Site Model and Hazard Assessment

- 6.5.1 As part of a Preliminary Risk Assessment, a Preliminary Conceptual Site Model (PCSM) is formed, which assists with identifying potential contaminant linkages (source – pathway – receptor) using information obtained during the desk study. The preliminary hazard assessment is a qualitative assessment of the risks posed by each viable pollution link identified, as summarised in Appendix B. However, as no significant sources of contamination have been identified, pathways cannot be established and identified receptors will remain unaffected.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 Environmental Risk Assessment

- 7.1.1 A preliminary risk assessment has been carried out based on the contaminant – pathway - receptor model. Following an assessment of the history of the site and surrounding area, a review of available information and walkover survey, no significant on- or off-site sources of contamination have been identified. Therefore, pathways cannot be established and identified receptors will remain unaffected. However, it is always possible that activities that are not recorded, indicated on historical maps, or observed during the walkover survey, have been carried out at the site or in the surrounding area.

7.2 Recommendations for Further Investigative Works

- 7.2.1 No intrusive investigation works are considered necessary at this stage.

7.3 Recommendations for Works during Development

- 7.3.1 A watching brief is recommended during all groundworks for visual and/or olfactory signs of contamination, such as asbestos, significant ashy soils, unusual, brightly coloured or

significantly oily or odorous material. If suspected contaminated soils are encountered, the following procedures are to be adhered to:

1. All site works at the location of suspected contamination will stop.
2. A suitably trained geo-environmental engineer should assess the visual and olfactory observations of the ground and the extent of contamination and the Client and the Local Authority should be informed of the discovery.
3. The suspected contaminated material will be investigated and tested appropriately in accordance with assessed risks. The investigation works will be carried out in the presence of a suitably qualified geo-environmental engineer. The investigation works will involve the collection of solid samples for testing and, using visual and olfactory observations of the ground, delineate the area over which contaminated materials are present.
4. The unexpected contaminated material will either be left in situ or be stockpiled (except if suspected to be asbestos) whilst testing is carried out and suitable assessments completed to determine whether the material can be re-used on site or requires disposal as appropriate.
5. The testing suite will be determined by the independent geo-environmental specialist based on visual and olfactory observations.
6. Test results will be compared against current assessment criteria suitable for the future use of the area of the site affected.
7. Where the material is left in situ awaiting results, it will either be reburied or covered with plastic sheeting.
8. Where the potentially contaminated material is to be temporarily stockpiled, it will be placed either on a prepared surface of clay, or on 2000-gauge Visqueen sheeting (or other impermeable surface) and covered to prevent dust and odour emissions.
9. Any areas where unexpected visual or olfactory ground contamination is identified will be surveyed and testing results incorporated into a Verification Report.
10. A photographic record will be made of relevant observations.
11. The results of the investigation and testing of any suspect unexpected contamination will be used to determine the relevant actions. After consultation with the Local Authority, materials should either be:
 - re-used in areas where test results indicate that it meets compliance targets so it can be re-used without treatment; or
 - treatment of material on site to meet compliance targets so it can be re-used; or
 - removal from site to a suitably licensed landfill or permitted treatment facility.
12. A Verification Report will be produced for the work.

7.3.2 All materials for off-site disposal should be removed to an appropriately licensed waste management facility: disposal being carried out in compliance with S.34 of the EPA, "Duty of Care".

7.4 Health & Safety

- 7.4.1 As outlined within the HSE publication “Successful Health and Safety Management – HSG65”, this report can be used to inform the contractor’s development of safe systems of work and the information used as an input to the safety management system. The contents of this report may be used to supplement the contents of the Health and Safety File as required under the Construction Design and Management (CDM) Regulations 2015.

APPENDICES

Appendix A	Service Constraints, Report Limitations and Planning Requirements
Appendix B	Environmental Risk Assessment Methodology and Terminology
Appendix C	Site Photographs
Appendix D	Historical Maps
Appendix E	Envirocheck Report

Appendix A

Service Constraints, Report Limitations and Planning Requirements

Service Constraints, Report Limitations and Planning Requirements

This consultancy contract, report and the site investigation (together comprise the "Services") were compiled and carried out by Sue Slaven for the Client as named on the front of this report (the "Client") on the basis of a defined programme and scope of works and the terms of a contract between Sue Slaven and the Client. The Services were performed by Sue Slaven with all reasonable skill and care ordinarily exercised by a reasonable environmental consultant at the time the Services were performed. Further, and in particular, the Services were performed by Sue Slaven considering the limits of the scope of works required by the client, the prevailing site conditions, the timescale involved and resources, including financial and manpower resources, agreed between Sue Slaven and the client. Sue Slaven cannot accept responsibility to any parties whatsoever, following the issue of this report, for any matters arising which may be considered outwith the agreed scope of works.

Other than that expressly contained in the above paragraph, Sue Slaven provides no other representation or warranty whether express or implied, in relation to the Services. Unless otherwise agreed, this report has been prepared exclusively for the use and reliance of the client in accordance with generally accepted consulting practices and for the intended purposes, as stated in the agreement under which this work was completed. This report may not be relied upon, or transferred to, by any other party without the written agreement of Sue Slaven. If a third party relies on this report, it does so wholly at its own and sole risk and Sue Slaven disclaims any liability to such parties.

It is Sue Slaven's understanding that this report is to be used for the purpose described in the introduction to the report. That purpose was a significant factor in determining the scope and level of the Services. Should the purpose for which the report is used, or the proposed use of the site, change, this report may no longer be valid and any further use of, or reliance upon the report in those circumstances by the client without Sue Slaven's review and advice shall be at the client's sole and own risk.

The information contained in this report is protected by disclosure under Part 3 of the Environmental Information Regulations 2004 pursuant to the provisions of Regulation 12(5) without the consent in writing of Sue Slaven.

The report was prepared in the month stated on the front of the report and should be read considering any subsequent changes in legislation, statutory requirements and industry practices. Ground conditions can also change over time and further investigations or assessment should be made if there is any significant delay in acting on the findings of this report. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions contained in this report should not be relied upon in the future without the written advice of Sue Slaven. In the absence of such written advice, reliance on the report in the future shall be at the client's own and sole risk. Should Sue Slaven be requested to review the report in the future, Sue Slaven shall be entitled to additional payment at the then existing rate or such other terms as may be agreed between Sue Slaven and the client.

The observations and conclusions described in this report are based solely upon the Services that were provided pursuant to the agreement between the client and Sue Slaven. Sue Slaven has not performed any observations, investigations, studies or testing not specifically set out or mentioned within this report. Sue Slaven is not liable for the existence of any condition, the discovery of which would require performance of services not otherwise contained in the Services. For the avoidance of doubt, unless otherwise expressly referred to in the introduction to this report, Sue Slaven did not seek to evaluate the presence on or off the site of asbestos, electromagnetic fields, lead paint, radon gas or other radioactive or hazardous materials (including plants).

The Services are based upon Sue Slaven's observations of existing physical conditions at the site, together with Sue Slaven's interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The findings and recommendations contained in this report are based in part upon information provided by third parties, and whilst Sue Slaven has no reason to doubt the accuracy and that it has been provided in full from those it was requested from, the items relied on have not been verified. No responsibility can be accepted for errors within third party items presented in this report. Furthermore, Sue Slaven was not authorised and did not attempt to independently verify the accuracy or completeness of

information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services. Sue Slaven is not liable for any inaccurate information or conclusions, the discovery of which inaccuracies required the doing of any act including the gathering of any information which was not reasonably available to Sue Slaven and including the doing of any independent investigation of the information provided to Sue Slaven, save as otherwise provided in the terms of the contract between the client and Sue Slaven.

Any site drawing(s) provided in this report is (are) not meant to be an accurate base plan, but is (are) used to present the general relative locations of features on, and surrounding, the site.

Planning Requirements

This report has been prepared and authorised by Sue Slaven who is competent as defined in the National Planning Policy Framework (NPPF, 2012).

Appendix B
Environmental Risk Assessment
Methodology & Terminology

ENVIRONMENTAL RISK ASSESSMENT METHODOLOGY & TERMINOLOGY

LEGISLATION OVERVIEW

This report includes hazard identification and environmental risk assessment in line with the risk-based methods referred to in relevant UK legislation and guidance. Government environmental policy is based upon a “suitable for use approach,” which is relevant to both the current use of land and to any proposed future use. The contaminated land regime is the statutory regime for remediation of contaminated land that causes an unacceptable level of risk and is set out in Part 2A of the Environmental Protection Act 1990 (“EPA 1990”). The main objective of introducing the Part IIA regime is to provide an improved system for the identification and remediation of land where contamination is causing unacceptable risks to human health or the wider environment given the current use and circumstances of the land. Part IIA provides a statutory definition of contaminated land under Section 78A(2) as:

“any land which appears to the Local Authority in whose area it is situated to be in such a condition, by reason of substances in, on, or under the land, that: (a) Significant harm is being caused or there is a significant possibility of such harm being caused; or (b) Pollution of controlled waters is being, or is likely to be, caused.”

In order to assist in establishing if there is a “significant possibility of significant harm”, there must be a “contaminant linkage” for harm to exist. That means there must be a source(s) of contamination, sensitive receptors present and a connection or pathway between the two. This combination of contaminant-pathway-receptor is termed a “contaminant linkage or CPR linkage.”

In the planning process, guidance is provided by National Planning Policy Framework (NPPF, March 2012) which requires that a site which has been developed shall not be capable of being determined “contaminated land” under Part IIA. In practice, Planning Authorities require sites being developed to have a lower level of risk post-development than the higher level of risk that is required in order to determine a site as being contaminated in accordance with Part IIA. This is to ensure that there is a suitable zone of safety below the level for Part IIA determination and prevent recently developed sites becoming reclassified as contaminated land if there are future legislative or technical changes (e.g. a substance is subsequently found to be more toxic than previously assessed which increases its hazard).

The criteria for assessing concentrations of contaminants and hence determining whether a site represents a hazard are based on a range of techniques, models and guidance. Within this context, it is relevant to note that Government objectives are:

- (a) to identify and remove unacceptable risks to human health and the environment;
- (b) to seek to bring damaged land back into beneficial use;
- (c) to seek to ensure that the cost burdens faced by individuals, companies and society are proportionate, manageable and economically sustainable.

These three objectives underlie the “suitable for use” approach to risk management and remediation of contaminated land. The “suitable for use” approach focuses on the risks caused by land contamination. The approach recognises that the risks presented by any given level of contamination will vary greatly according to the use of the land and a wide range of other factors, such as the underlying geology of the site. Risks are therefore assessed on a site-specific basis.

The “suitable for use” approach then consists of three elements:

- (a) *ensuring that land is suitable for its current use* - in other words, identifying any land where contamination is causing unacceptable risks to human health and the environment, assessed on the basis of the current use and circumstances of the land, and returning such land to a condition where such risks no longer arise (“remediating” the land); the contaminated land regime provides the regulatory mechanisms to achieve this;

- (b) *ensuring that land is made suitable for any new use, as planning permission is given for that new use - in other words, assessing the potential risks from contamination, on the basis of the proposed future use and circumstances, before permission is given for the development and, where necessary to avoid unacceptable risks to human health and the environment, remediating the land before the new use commences; this is the role of the town and country planning and building control regimes; and*
- (c) *limiting requirements for remediation to the work necessary to prevent unacceptable risks to human health or the environment in relation to the current use or future use of the land for which planning permission is being sought - in other words, recognising that the risks from contaminated land can be satisfactorily assessed only in the context of specific uses of the land (whether current or proposed), and that any attempt to guess what might be needed at some time in the future for other uses is likely to result either in premature work (thereby running the risk of distorting social, economic and environmental priorities) or in unnecessary work (thereby wasting resources).*

The mere presence of contaminants does not therefore necessarily warrant action, and consideration must be given to the scale of risk involved for the use that the site has, and will have in the future.

PRELIMINARY RISK ASSESSMENT

The work presented in this report has been carried out in general accordance with recognised best practice as detailed in guidance documents such as in Environment Agency's Land Contamination: Risk Management documents (draft 2019), and BS 10175. The rationale behind the risk assessments presented is given in this appendix.

Current practice recommends that the determination of potential liabilities that could arise from land contamination be carried out using the process of risk assessment, whereby "risk" is defined as:

- "(a) The probability, or frequency, or occurrence of a defined hazard; and
(b) The magnitude (including the seriousness) of the consequences."*

The UK's approach to the assessment of environmental risk is set out in by the Department of the Environment Transport and the Regions (2000) publication "A Guide to Risk Assessment and Risk Management for Environmental Protection" (also called Greenleaves II). This established an iterative, systematic staged process which comprised:

- (a) Hazard identification;
- (b) Hazard assessment;
- (c) Risk estimation;
- (d) Risk evaluation;
- (e) Risk assessment;

At each stage during the development process, the above steps are repeated as more detailed information becomes available for the site.

For an environmental risk to be present, all three of the following elements must be present:

- Source/Contaminant: hazardous substance that has the potential to cause adverse impacts;
- Receptor: target that may be affected by contamination: examples include human occupants/users of site, water resources (rivers or groundwater), or structures;
- Pathway: a viable route whereby a hazardous substance may come into contact with the receptor.

The absence of one or more of each component (contaminant, pathway, receptor) would prevent a contaminant linkage being established and thus, no significant environmental risk.

The identification of potential contaminant linkages is based on a Conceptual Model of the site, which is subject to continual refinement as additional data become available. As part of a Preliminary Risk Assessment (Desk

Study and site walkover) a Preliminary Conceptual Site Model (PCSM) is formed. Based on the PCSM, potential contaminant linkages can be assessed. If the PCSM and hazard assessment indicate that a contaminant linkage is not of significance, then no further assessment or action is required for this linkage. For each significant and potential linkage, a risk assessment is carried out. The linkages which potentially pose significant risks may require a variety of responses ranging from immediate remedial action or risk management or, more commonly, further investigation and risk assessment. This next stage is termed a Phase 2 Ground Investigation and should provide additional data to allow refinement of the Conceptual Site Model and assess the level of risk from each contaminant linkage.

Definition of Risk Assessment Terminology

The criteria used for risk assessment are broadly based on those presented in DETR's "A Guide to Risk Assessment and Risk Management for Environmental Protection" (2000). The severity of the risk is classified according to the criteria in Table B.1 below:

Table B.1 Severity/Consequence of Risk

Severe	Acute risks to human health. Catastrophic damage to buildings/property (e.g. by explosion). Direct pollution of sensitive water receptors or serious pollution of other controlled water (watercourses or groundwater) bodies.
Medium	Harm to human health from long-term exposure. Slight pollution of sensitive controlled waters (surface waters or aquifers) or pollution of other water bodies. Significant effects on sensitive ecosystems or species.
Mild	No significant harm to human health in either short or long term. No pollution of sensitive controlled waters, no more than slight pollution of non-sensitive waters. Significant damage to buildings or structures. Requirement for protective equipment during site works to mitigate health effects.
Negligible	Damage to non-sensitive ecosystems or species. Minor damage to buildings or structures. No harm or pollution of water.

The probability of the risk occurring is classified according to criteria given in Table B.2 below:

Table B.2: Probability of Risk Occurring

High likelihood	Contaminant linkage may be present, and risk is almost certain to occur in the long term, or there is evidence of harm to the receptor.
Medium/Reasonably Foreseeable	Contaminant linkage may be present, and it is probable that the risk will occur over the long term.
Low/Unlikely	Contaminant linkage may be present and there is a possibility of the risk occurring, although there is no certainty that it will do so.
Negligible/Not credible	Contaminant linkage may be present but the circumstances under which harm would occur are improbable.

An overall evaluation of the level of risk is gained from a comparison of the severity and probability, as shown in Table B.3 below:

Table B.3: Comparison of Severity and Probability

		Severity			
		Severe	Medium	Mild	Negligible
Probability	High likelihood	Very High Risk	High Risk	Medium/Low Risk	Low Risk
	Medium/Reasonably Foreseeable	High Risk	Medium Risk	Low Risk	Near Zero

	Low/Unlikely	High/Medium Risk	Medium/Low Risk	Low Risk	Near Zero
	Negligible/Not credible	Medium/Low Risk	Low Risk	Low Risk	Near Zero

The various risk rankings provide guidance for recommended actions, whether this is:

- AR - Action Required, remediation or mitigation or site investigation works required.
- SIR - Site Investigation Required, further assessment is required.
- NAR - No Action Required.

A description of the evaluated risk is as follows:

Table B.4 Description of the Classified Risks and Likely Action Required

Evaluated Risk	Recommended Actions
Very High Risk	AR: There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High Risk	AR: Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the long term.
Moderate Risk	SI: It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low Risk	NAR: It is possible that harm could arise to a designated receptor from an identified hazard, but there is a low likelihood of this hazard occurring and if realised, harm would at worst normally be mild.
Near Zero	NAR: There is a negligible possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

Appendix C

Site Photographs



Photograph 1: Harleston Hall Barn from Haughley Road.



Photograph 2: Access to Harleston Hall Barn from Haughley Road.



Photograph 3: Haughley Road looking towards the east.



Photograph 4: The northern side of Harleston Hall Barn. The gate was padlocked.



Photograph 5: A door on the north-eastern corner of Harleston Hall Barn.



Photograph 6: The southern side of Harleston Hall Barn.



Photograph 7: The track that leads to a gate, through which access to Harleston Hall Barn was obtained.



Photograph 8: The field in which Harleston Hall Barn is located.



Photograph 9: The western side of Harleston Hall Barn.



Photograph 10: Inside Harleston Hall Barn, from the western end.



Photograph 11: The inspection pit (infilled) at the eastern end of Harleston Hall Barn.



Photograph 12: The inside of Harleston Hall Barn, from the eastern end.



Photograph 13: Oil drums etc. located to the north-west of Harleston Hall Barn.



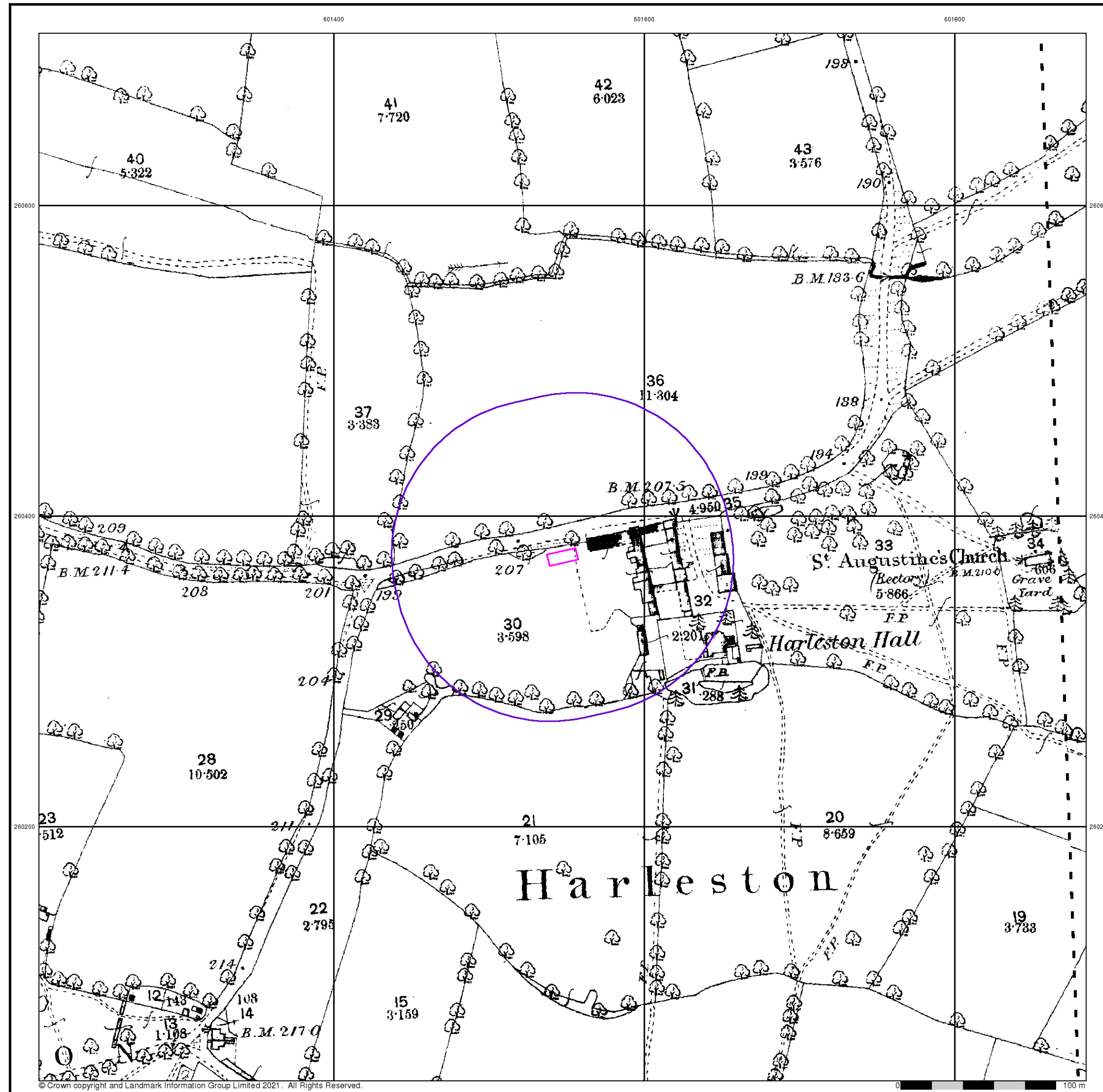
Photograph 14: Remains of a bonfire located to the west of Harleston Hall Barn.



Photograph 15: The area to the south-west of the site.

Appendix D

Historical Maps

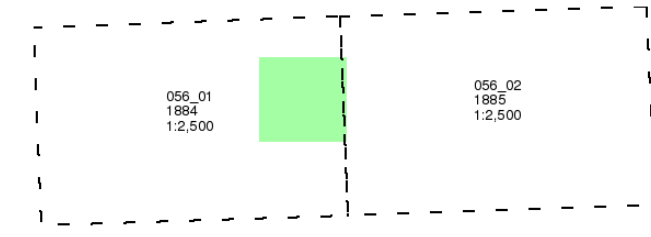


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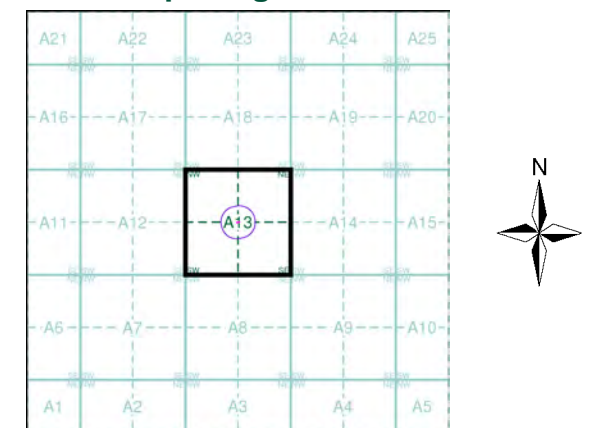
Suffolk
Published 1884 - 1885
Source map scale - 1:2,500

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)

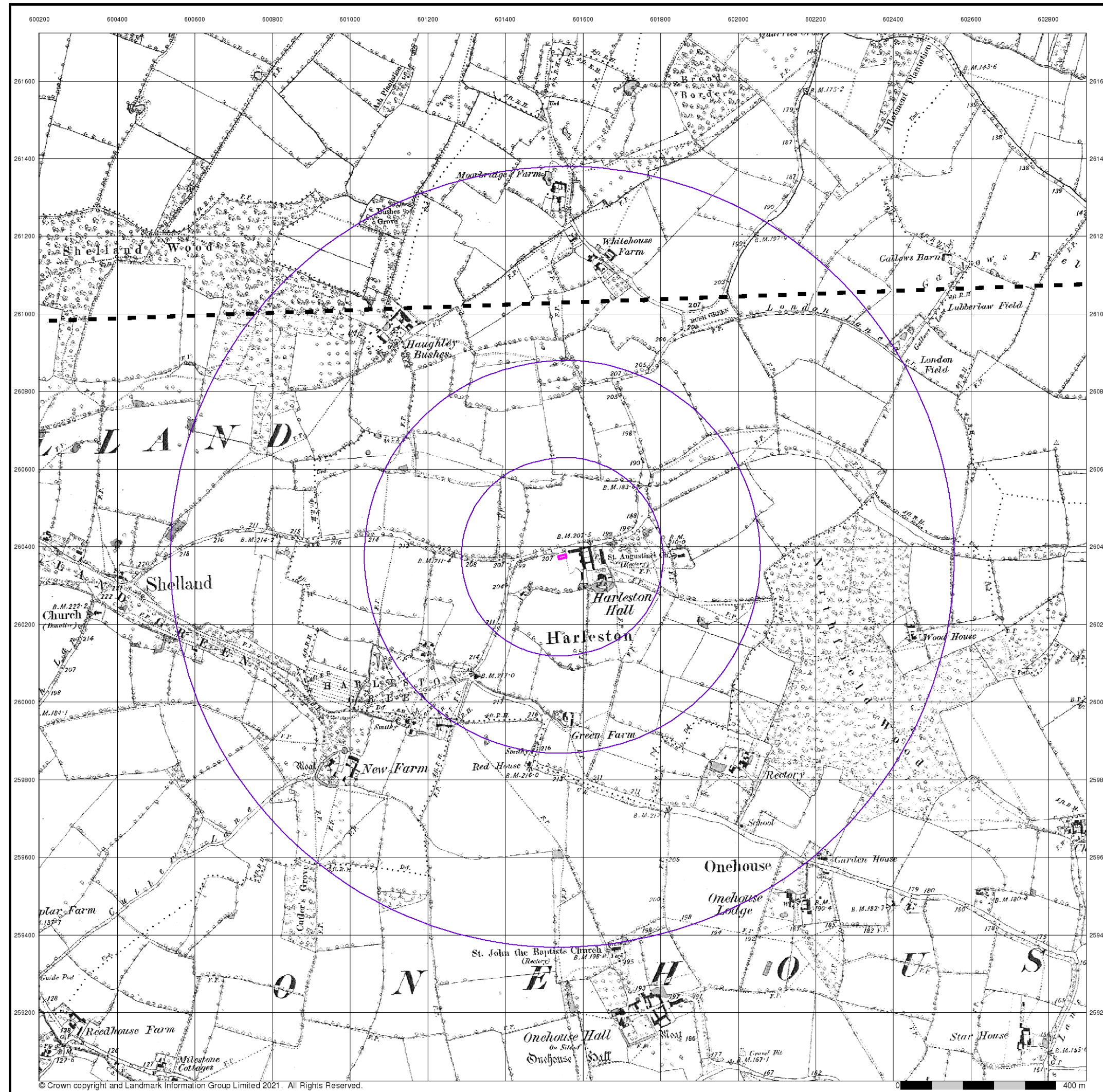


Historical Map - Segment A13



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 Customer Ref: P0168
 National Grid Reference: 601550, 260370
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 Site Area (Ha): 0.02
 Search Buffer (m): 100

Site Details
 Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ



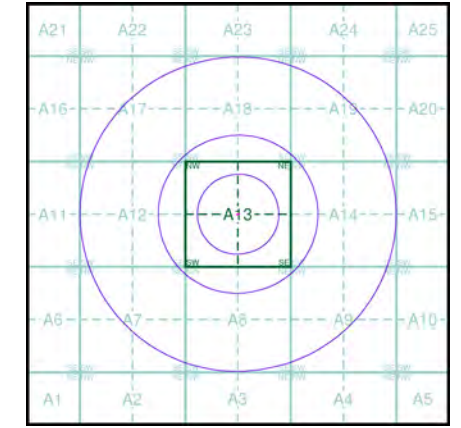
Suffolk
Published 1884 - 1885
Source map scale - 1:10,560

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)

046SW	1885	1:10,560
056NW	1884	1:10,560

Historical Map - Slice A



Order Details

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Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ

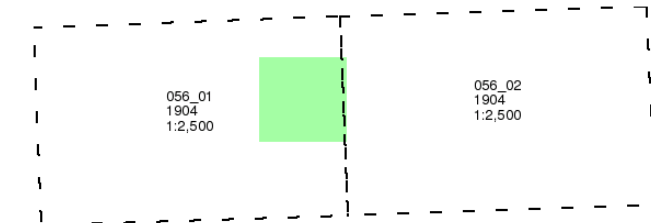
Suffolk

Published 1904

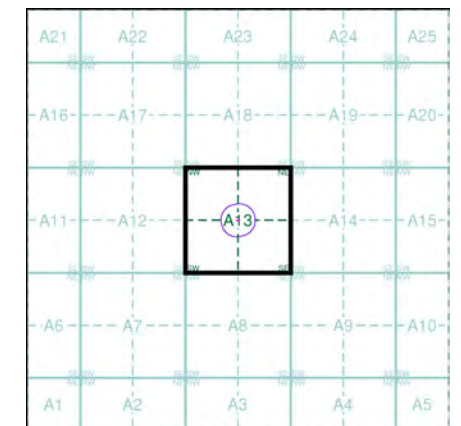
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Map Name(s) and Date(s)



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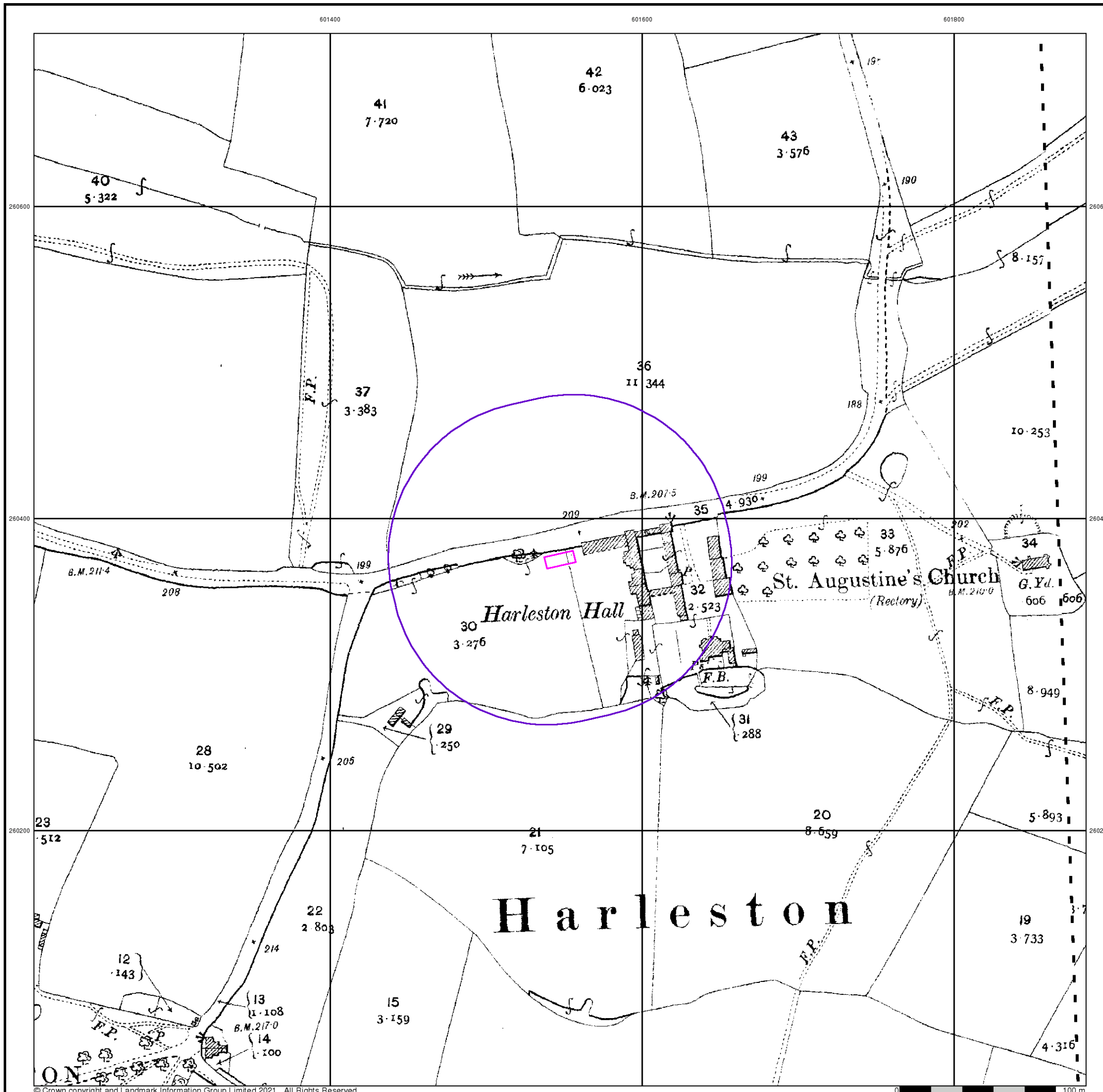


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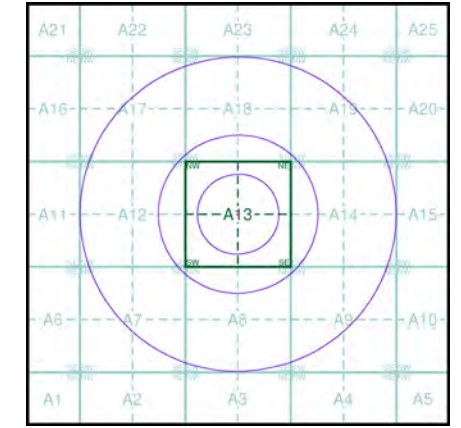
Suffolk
Published 1905
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Map Name(s) and Date(s)

046SW	1905	1:10,560
056NW	1905	1:10,560

Historical Map - Slice A



Order Details

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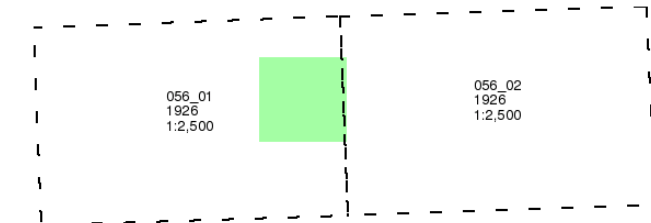
Suffolk

Published 1926

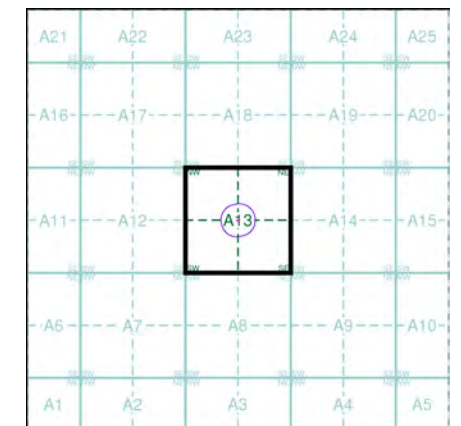
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Map Name(s) and Date(s)



Historical Map - Segment A13

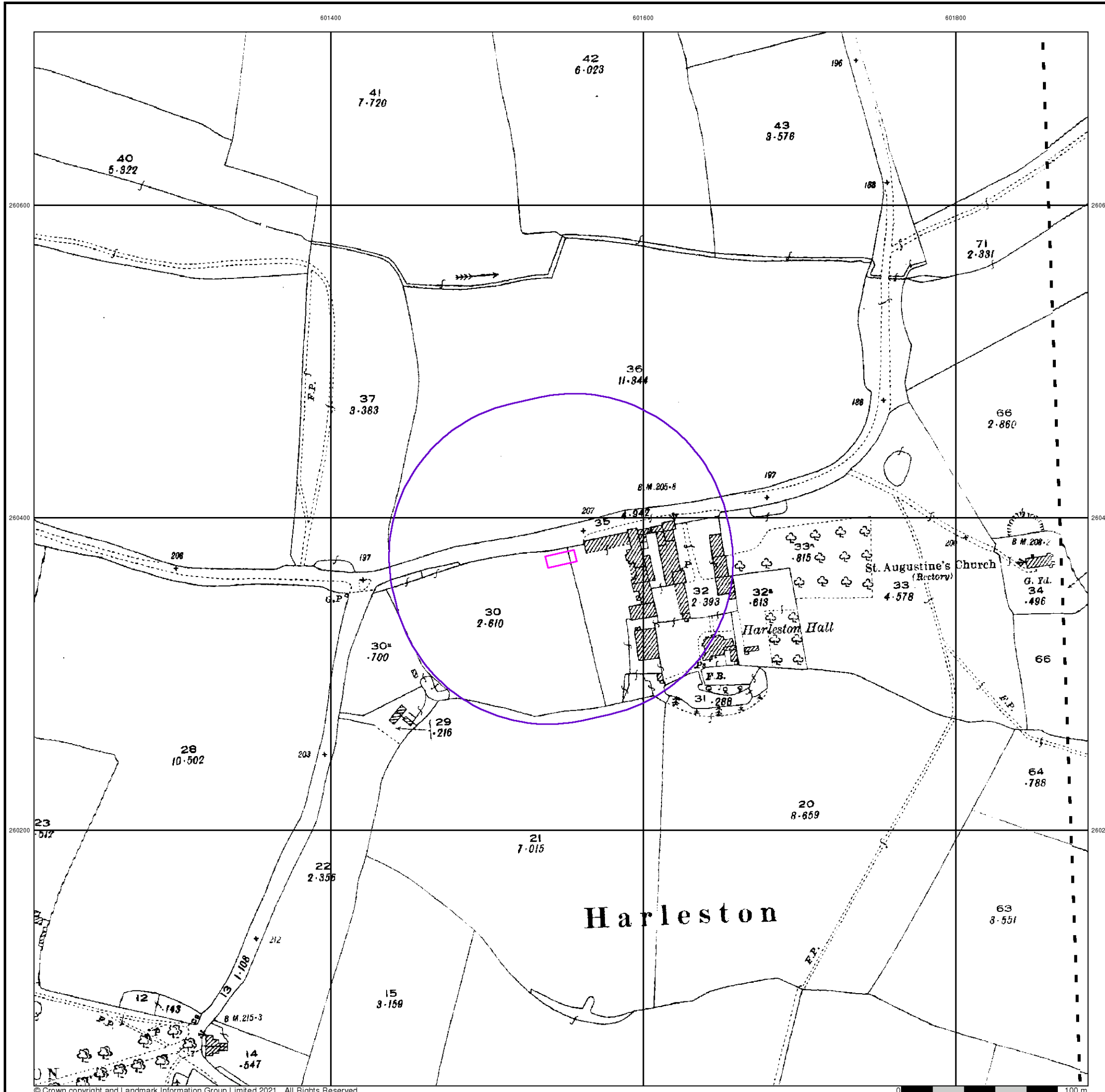


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Site Details

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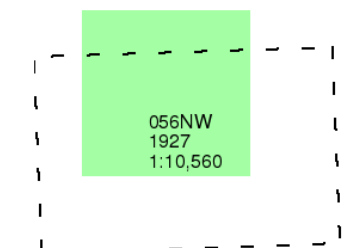
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Published 1927

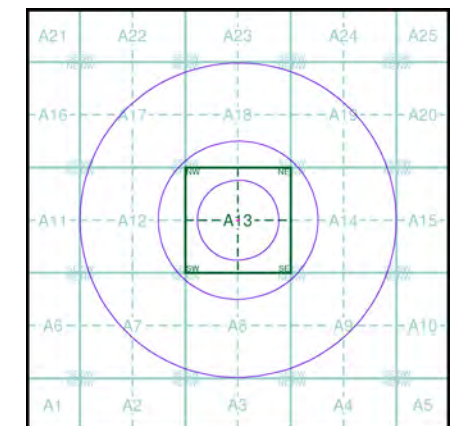
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Map Name(s) and Date(s)



Historical Map - Slice A

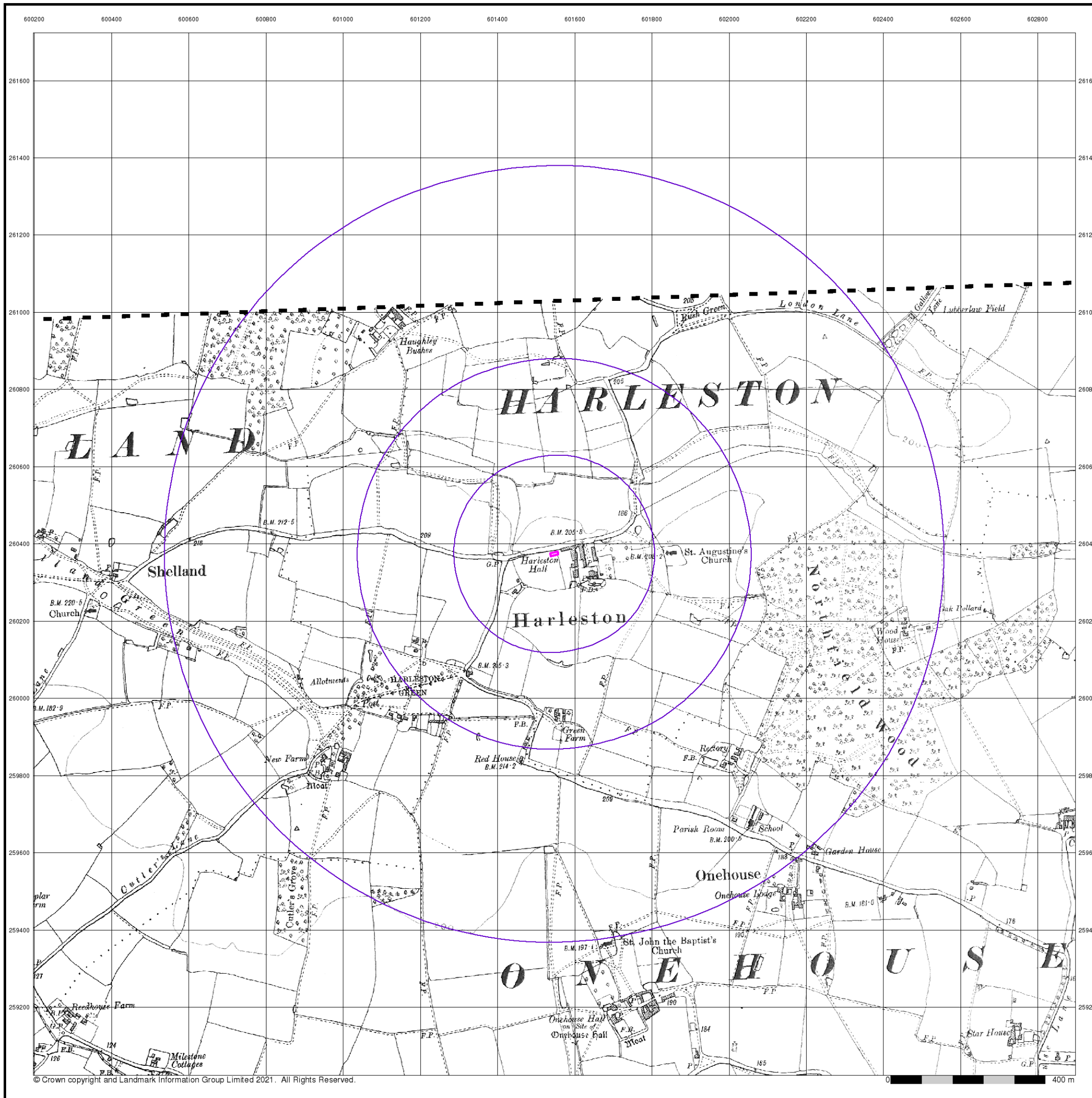


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Site Details

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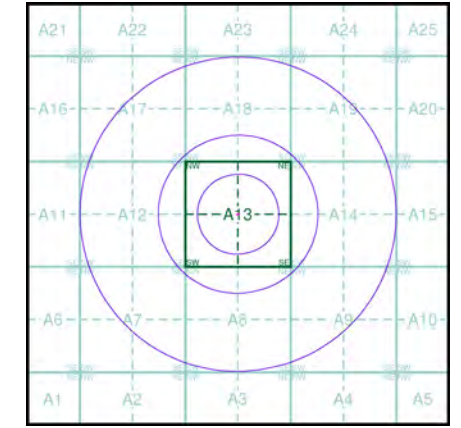
Suffolk
Published 1938 - 1953
Source map scale - 1:10,560

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Map Name(s) and Date(s)

046SW	1953	1:10,560
056NW	1938	1:10,560

Historical Map - Slice A



Order Details

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Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ



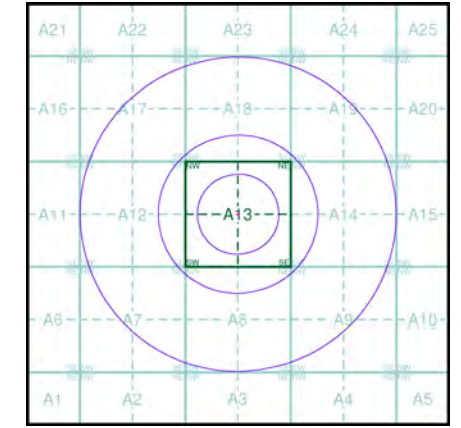
Ordnance Survey Plan
Published 1958
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Map Name(s) and Date(s)

TM06SW	1958
1:10,560	
TM05NW	1958
1:10,560	

Historical Map - Slice A



Order Details

Order Number: 279318330_1_1
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Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ

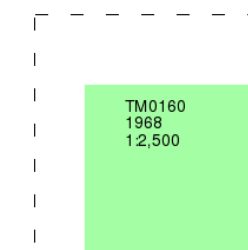
Ordnance Survey Plan

Published 1968

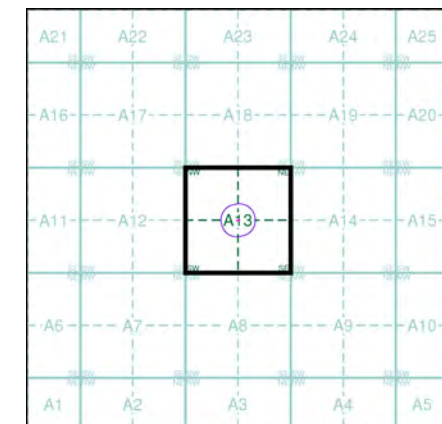
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Map Name(s) and Date(s)



Historical Map - Segment A13

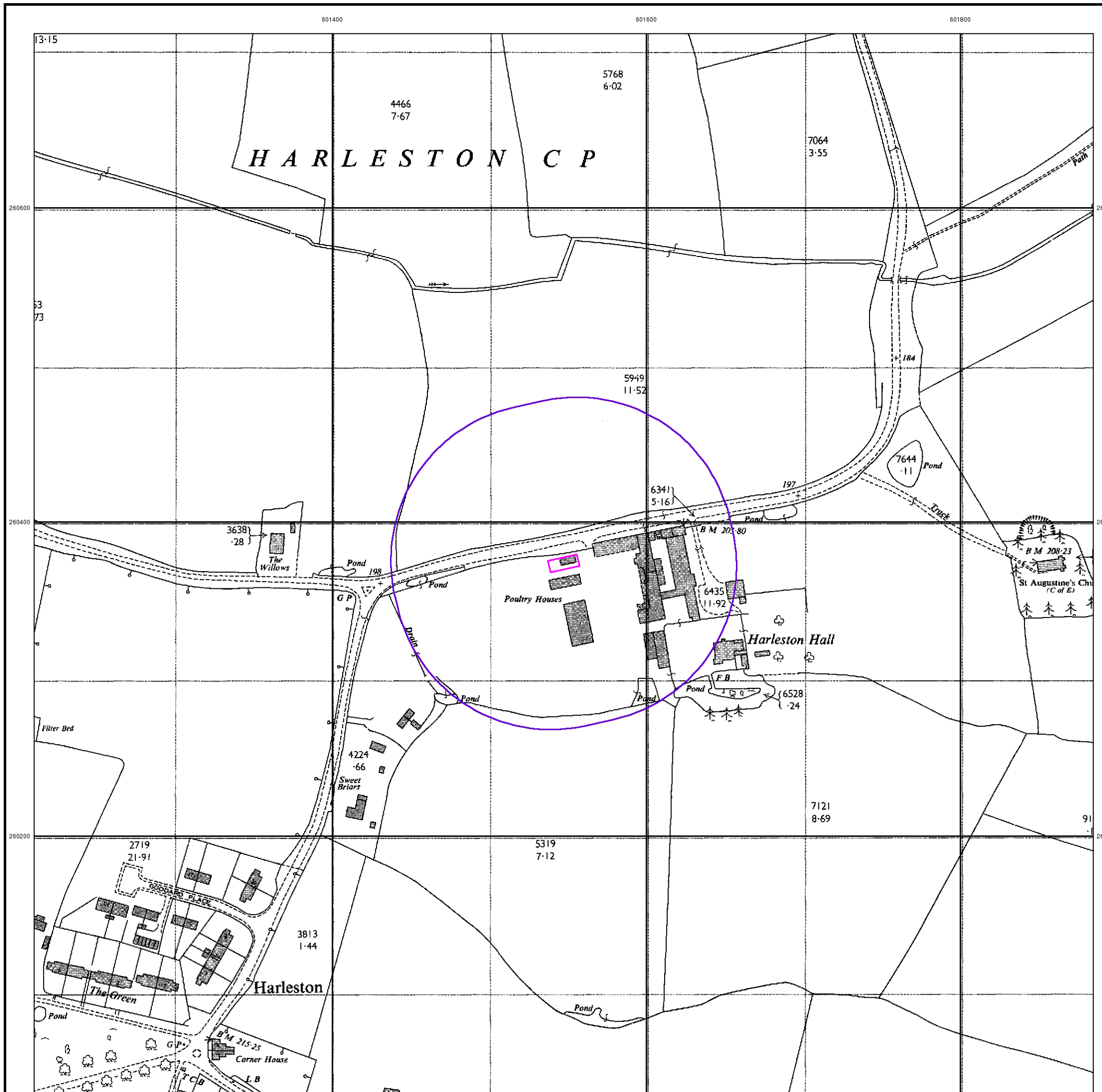


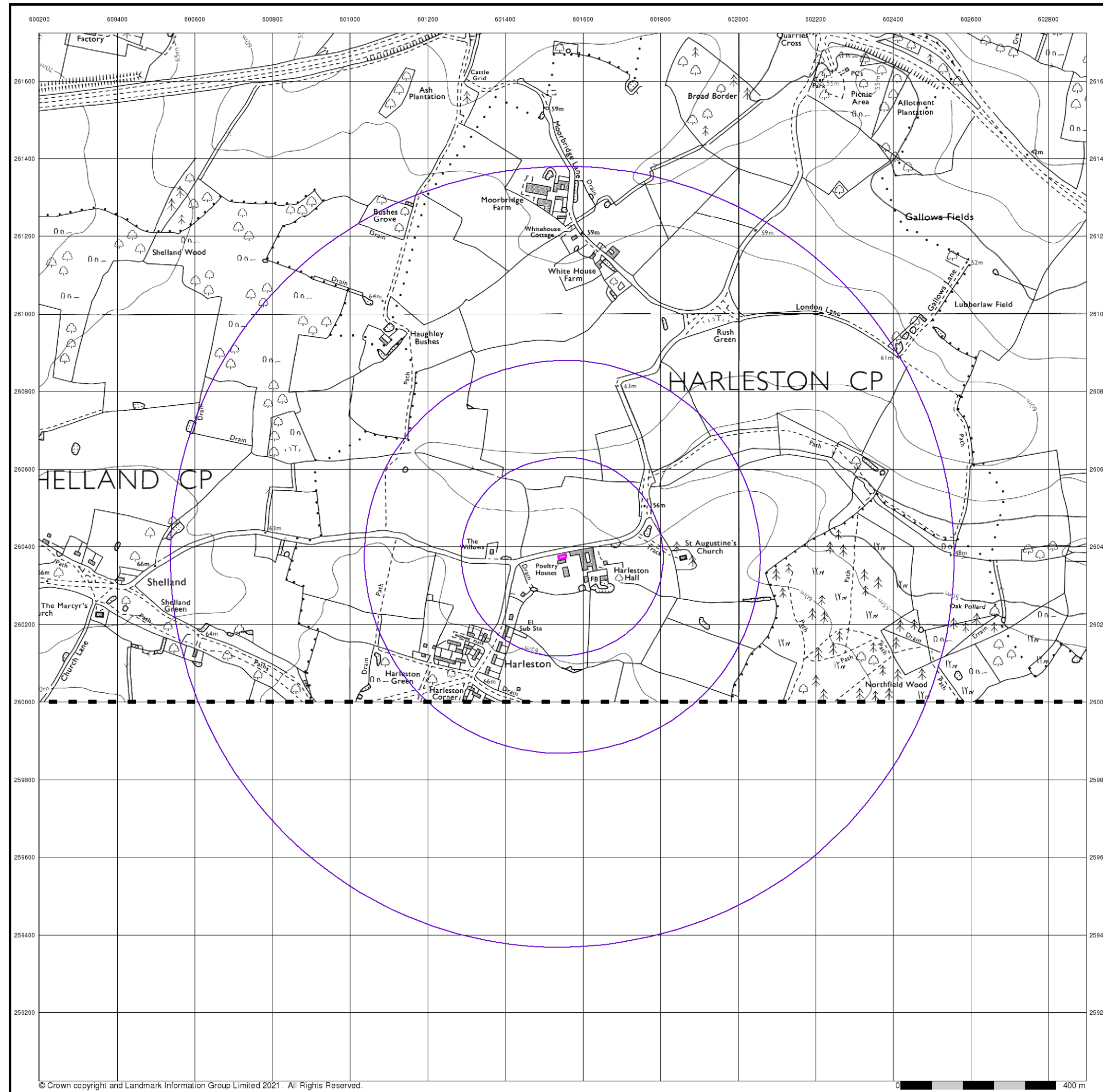
Order Details

Order Number: 279318330_1_1
 Customer Ref: P0168
 National Grid Reference: 601550, 260370
 Slice: A
 Site Area (Ha): 0.02
 Search Buffer (m): 100

Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ



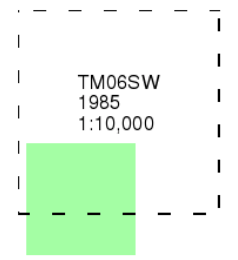


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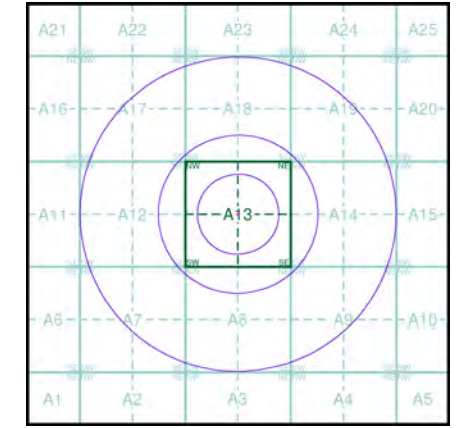
Ordnance Survey Plan Published 1985 Source map scale - 1:10,000

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: 279318330_1_1
 Customer Ref: P0168
 National Grid Reference: 601550, 260370
 Slice: A
 Site Area (Ha): 0.02
 Search Buffer (m): 1000

Site Details
 Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ



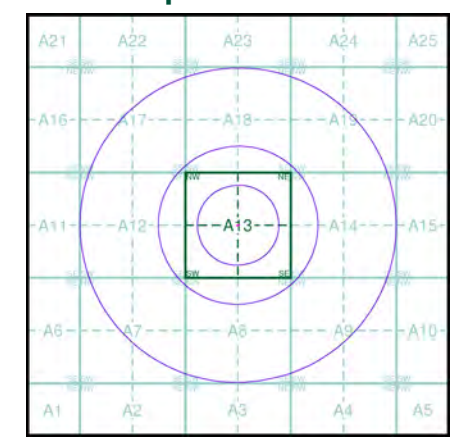
10k Raster Mapping
Published 2000
Source map scale - 1:10,000

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)

TM06SW	2000	1:10,000
TM05NW	2000	1:10,000

Historical Map - Slice A

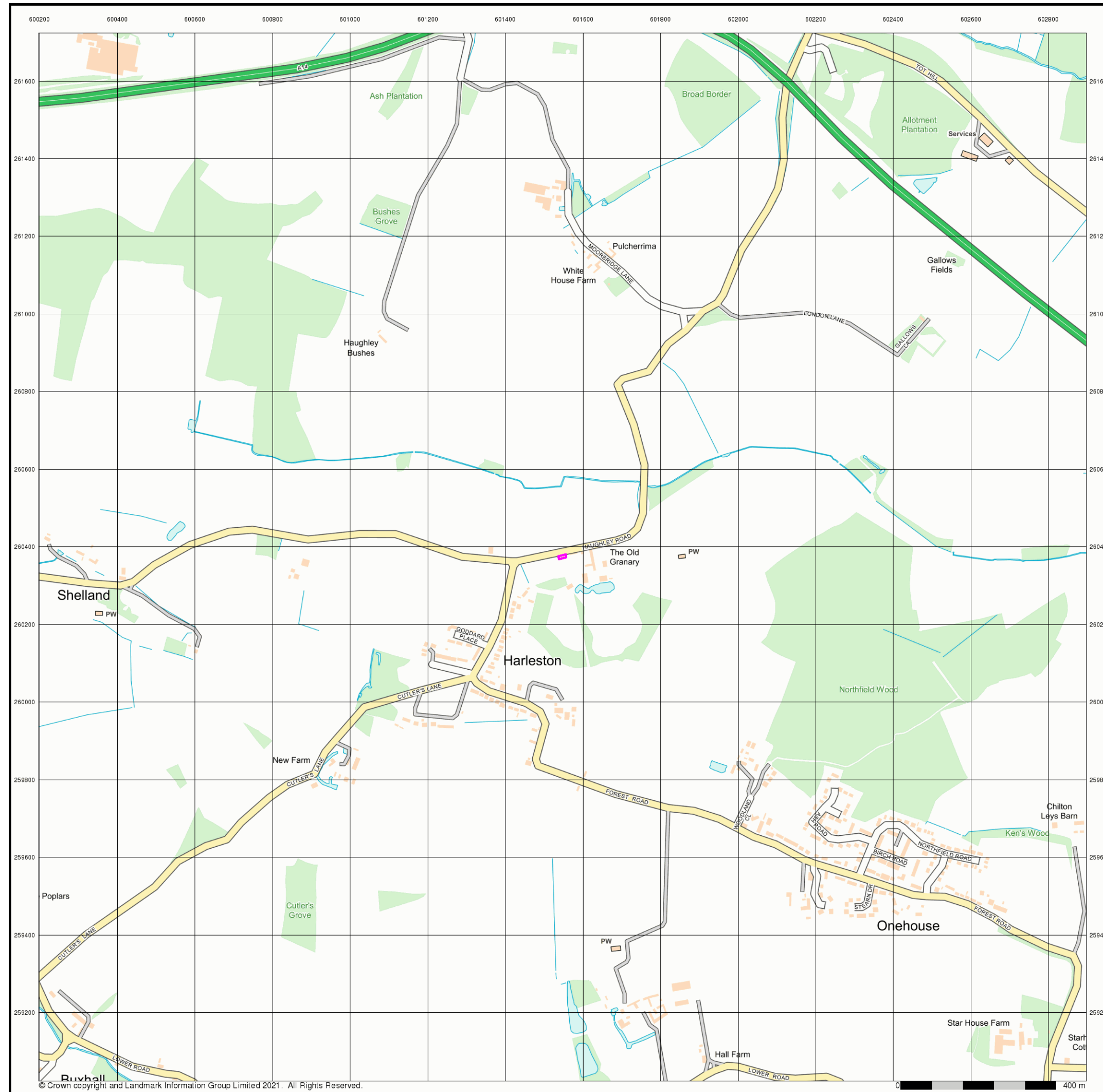


Order Details

Order Number: 279318330_1_1
 Customer Ref: P0168
 National Grid Reference: 601550, 260370
 Slice: A
 Site Area (Ha): 0.02
 Search Buffer (m): 1000

Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ



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Street View

Published 2021

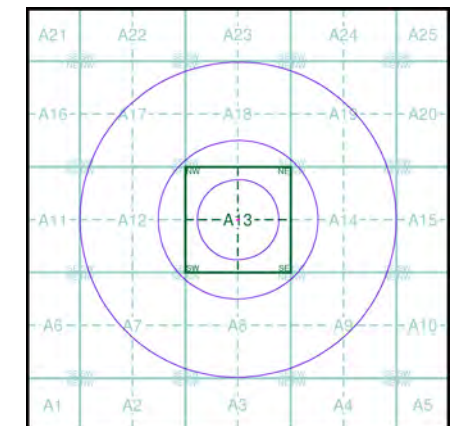
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)



Street View Map - Slice A



Order Details

Order Number: 279318330_1_1
 Customer Ref: P0168
 National Grid Reference: 601550, 260370
 Slice: A
 Site Area (Ha): 0.02
 Search Buffer (m): 1000

Site Details

Harleston Hall Barn, Harleston, Stowmarket, IP14 3JQ

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

Appendix E

Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

279318330_1_1

Customer Reference:

P0168

National Grid Reference:

601550, 260370

Slice:

A

Site Area (Ha):

0.02

Search Buffer (m):

1000

Site Details:

Harleston Hall Barn

Harleston

Stowmarket

IP14 3JQ

Client Details:

Mrs S Slaven

Sue Slaven

33 Windmill Close

Great Cornard

SUDBURY

Suffolk

CO10 0FL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	-
Geological	22
Industrial Land Use	23
Sensitive Land Use	24
Data Currency	25
Data Suppliers	29
Useful Contacts	30

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)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		7	2	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
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 4		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				3 (*28)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 12	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones	pg 12	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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 12		4	9	54

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
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 21			1	
Local Authority Landfill Coverage	pg 21	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 22	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
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				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 23			4	3
Fuel Station Entries					
Gas Pipelines	pg 23			1	
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 24				3
Areas of Adopted Green Belt					
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 24	2			
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
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	0	1	601547 260374
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	368	1	601547 260000
1	Discharge Consents Operator: Mr J Phoenix Property Type: Domestic Property (Single) Location: Hallcroft House, Harleston, Stowmarket, Suffolk, Ip14 3jq Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf10105 Permit Version: 1 Effective Date: 21st April 1995 Issued Date: 21st April 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Gipping Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	46	2	601590 260410
2	Discharge Consents Operator: Edward Montague Phoenix Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: The Willows Harleston, Stowmarket, Ipswich, Suffolk, Ip14 3jb Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Prenf20053 Permit Version: 1 Effective Date: 12th July 2006 Issued Date: 12th July 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Gipping Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	104	2	601440 260410
3	Discharge Consents Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Housing Dev. At Harleston Green, Harleston, Stowmarket, Ip14 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Aw4nf602x Permit Version: 1 Effective Date: 14th July 1967 Issued Date: 14th July 1967 Revocation Date: 14th October 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Gipping Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SW (S)	173	2	601500 260200
4	Discharge Consents Operator: Mr R T Taylor Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Harleston Hall Harleston, Stowmarket, Suffolk, Ip14 3jq Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf02712 Permit Version: 2 Effective Date: 20th January 1992 Issued Date: 20th January 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Gipping Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (E)	209	2	601760 260420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Mr & Mrs R. Joyce Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Harleston Hall Harleston, Stowmarket, Suffolk, Ip14 3jq Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf02712 Permit Version: 1 Effective Date: 22nd May 1990 Issued Date: 22nd May 1990 Revocation Date: 19th January 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Gipping Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	209	2	601760 260420
5	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Harleston Ps (Private Est), Haughley Road, Harleston, Suffolk, Ip14 3ja Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Asenf10425 Permit Version: 2 Effective Date: 7th July 1995 Issued Date: 7th July 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Tributary River Gippin Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	214	2	601420 260190
5	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Harleston Ps (Private Est), Haughley Road, Harleston, Suffolk, Ip14 3ja Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Asenf10425 Permit Version: 1 Effective Date: 5th June 1992 Issued Date: 5th June 1992 Revocation Date: 6th July 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Tributary River Gippin Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	214	2	601420 260190
6	<p>Discharge Consents</p> <p>Operator: Mr. Alec Ross Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: The Cottage Hall Cottgae, & Properties Adj To Hall Cottage, Harleston, Ip20 0ph Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr4nf1999 Permit Version: 1 Effective Date: 24th October 1988 Issued Date: 24th October 1988 Revocation Date: 24th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Gipping Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	379	2	601200 260200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Jim Catling Ellis Property Type: Domestic Property (Single) Location: Greenacres Stowmarket Rd, Harleston, Suffolk, Ip14 3hp Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr4nf1246 Permit Version: 1 Effective Date: 12th January 1988 Issued Date: 12th January 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Rattlesden River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	421	2	601490 259950
8	<p>Discharge Consents</p> <p>Operator: J P Jewers & Son Property Type: Arable Farming Location: Hew Farm Shelland, Stowmarket, Suffolk, Ip14 3hx Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwelf50042 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 10th May 2000 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Onto Land Environment: Receiving Water: Groundwater Status: Deemed Groundwater Regulations Authorisation Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	672	2	601030 259930
9	<p>Discharge Consents</p> <p>Operator: Mr John & Mrs Linda Deed Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: White House Farm Barn Moorbridge Lane, Harleston, Stowmarket, Ip14 3jh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf11082 Permit Version: 1 Effective Date: 31st October 1997 Issued Date: 31st October 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Gipping Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	803	2	601610 261180
10	<p>Discharge Consents</p> <p>Operator: Mr J Jewers Property Type: Domestic Property (Single) Location: New Farm Cutlers Lane, Shelland, Stowmarket, Stowmarket, Ip14 3hx Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Npswqd002629 Permit Version: 1 Effective Date: 1st July 2008 Issued Date: 1st July 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Moat Around New Farm Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	814	2	600949 259807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Mrs P A Fuller Property Type: Not Supplied Location: 86 Forest Road Onehouse, Stowmarket, Suffolk, Ip14 3hj Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr4lf376 Permit Version: 1 Effective Date: 10th January 1986 Issued Date: 10th January 1986 Revocation Date: 2nd June 1997 Discharge Type: Unknown Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	944	2	602100 259600
	<p>Nearest Surface Water Feature</p>	A13SE (SE)	79	-	601591 260301
12	<p>Water Abstractions</p> <p>Operator: J G Bevan Esq Licence Number: 7/35/08/*g/116 Permit Version: Not Supplied Location: Bore , Moorbridge Farm, HARLES'N Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 9000 Details: E chalk; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	727	2	601120 260970
13	<p>Water Abstractions</p> <p>Operator: J P Jewers Licence Number: 7/35/08/*G/0113 Permit Version: 100 Location: Bore At New Fm,Shelland Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	807	2	600920 259850
14	<p>Water Abstractions</p> <p>Operator: J G Bevan Licence Number: 7/35/08/*G/0116 Permit Version: 100 Location: Bore At Moorbridge Fm,Harles'N Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	936	2	601540 261315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs A R Grice Licence Number: 7/35/08/*G/0051 Permit Version: 100 Location: Bore At Onehouse Hall,Onehouse Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A3NE (S)	1168	2	601690 259210
	<p>Water Abstractions</p> <p>Operator: W E Roe Licence Number: 7/35/08/*G/0067 Permit Version: 100 Location: Bore At Rockylls Hall Fm,Shell Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11NW (W)	1611	2	599950 260650
	<p>Water Abstractions</p> <p>Operator: D Jewers Licence Number: 7/35/08/*G/0020 Permit Version: 101 Location: Well At Reed Fm,Onehouse Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th August 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1717	2	600300 259180
	<p>Water Abstractions</p> <p>Operator: G D Jewers Licence Number: 7/35/08/*G/0020 Permit Version: 100 Location: Well At Reed Fm,Onehouse Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1717	2	600300 259180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Lt Col J E B Freeman Licence Number: 7/35/08/*g/055 Permit Version: Not Supplied Location: Bore At Buxhall Vale, BUXHALL Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 5000 Details: E chalk; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A1SE (SW)	1722	2	600520 258980
	<p>Water Abstractions</p> <p>Operator: T H G Stiff Licence Number: 7/35/08/*G/0105 Permit Version: 100 Location: Well At Star House Fm,Onehouse Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 May Authorised End: 31 July Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A5NW (SE)	1730	2	602750 259120
	<p>Water Abstractions</p> <p>Operator: B J L Fielden Ltd Licence Number: 7/35/08/*G/0211 Permit Version: 100 Location: Borehole At Starhouse Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A5NW (SE)	1731	2	602720 259090
	<p>Water Abstractions</p> <p>Operator: Mr & Mrs J P Fielden Licence Number: 7/35/08/*g/195 Permit Version: Not Supplied Location: Bore At Star House Farm, ONEHOUSE Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 600000 Details: E chalk; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A5NW (SE)	1735	2	602720 259085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Amber Real Estate Investments (Industrial) Limited Licence Number: 7/35/08/*G/0168 Permit Version: 103 Location: Borehole No 3 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1789	2	600430 261780
	<p>Water Abstractions</p> <p>Operator: 2 Sisters Food Group Licence Number: 7/35/08/*G/0168 Permit Version: 102 Location: Borehole No 3 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1789	2	600430 261780
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 101 Location: Borehole No 3 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1789	2	600430 261780
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 100 Location: Bore No 3 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1789	2	600430 261780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Stowmarket Golf Club Ltd Licence Number: 7/35/08/*S/0106 Permit Version: 101 Location: Rattlesden R Nr Chapel Hill, On Authority: Environment Agency, Anglian Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Onehouse, Suffolk Authorised Start: 01 May Authorised End: 30 November Permit Start Date: 26th April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1793	2	601100 258630
	<p>Water Abstractions</p> <p>Operator: Stowmarket Golf Club Licence Number: 7/35/08/*S/0106 Permit Version: 100 Location: Rattlesden R Nr Chapel Hill, On Authority: Environment Agency, Anglian Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 May Authorised End: 30 November Permit Start Date: 1st February 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1793	2	601100 258630
	<p>Water Abstractions</p> <p>Operator: Amber Real Estate Investments (Industrial) Limited Licence Number: 7/35/08/*G/0168 Permit Version: 103 Location: Bore No 5 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1800	2	600450 261810
	<p>Water Abstractions</p> <p>Operator: 2 Sisters Food Group Licence Number: 7/35/08/*G/0168 Permit Version: 102 Location: Bore No 5 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1800	2	600450 261810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 101 Location: Bore No 5 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1800	2	600450 261810
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 100 Location: Bore No 4 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1800	2	600450 261810
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 100 Location: Bore No 2 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1809	2	600430 261805
	<p>Water Abstractions</p> <p>Operator: Amber Real Estate Investments (Industrial) Limited Licence Number: 7/35/08/*G/0168 Permit Version: 103 Location: Borehole No 1 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1819	2	600420 261810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: 2 Sisters Food Group Licence Number: 7/35/08/*G/0168 Permit Version: 102 Location: Borehole No 1 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1819	2	600420 261810
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 101 Location: Borehole No 1 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1819	2	600420 261810
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 100 Location: Bore No 1 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1819	2	600420 261810
	<p>Water Abstractions</p> <p>Operator: Stowmarket Golf Club Ltd Licence Number: An/035/0008/003 Permit Version: 1 Location: River Rat At Onehouse Suffolk Authority: Environment Agency, Anglian Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Golf Club At Onehouse, Suffolk Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1836	2	600948 258630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Amber Real Estate Investments (Industrial) Limited Licence Number: 7/35/08/*G/0168 Permit Version: 103 Location: Borehole No 6 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th March 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1868	2	600430 261880
	<p>Water Abstractions</p> <p>Operator: 2 Sisters Food Group Licence Number: 7/35/08/*G/0168 Permit Version: 102 Location: Borehole No 6 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Haughley Park, Stowmarket Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1868	2	600430 261880
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0168 Permit Version: 101 Location: Borehole No 6 At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1868	2	600430 261880
	<p>Water Abstractions</p> <p>Operator: John Rannoch Ltd Licence Number: 7/35/08/*G/0167 Permit Version: 100 Location: Bore At Haughley Park Authority: Environment Agency, Anglian Region Abstraction: Private Water Undertaking: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A21NE (NW)	1913	2	600410 261920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Intergranular Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NE (NE)	0	3	601547 260374
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NE)	0	3	601547 260374
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	3	601547 260374
15	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NE (NE)	0	2	601547 260374
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13SW (SW)	97	4	601450 260332
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 953.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (N)	177	4	601528 260554
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13SW (W)	191	4	601347 260371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	209	4	601745 260468
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	262	4	601747 260558
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	266	4	601754 260556
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	270	4	601759 260556
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	373	4	601470 260002
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	423	4	601457 259953
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	430	4	601430 259952
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	436	4	601410 259951
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 317.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	471	4	601953 260632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	471	4	601953 260632
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	531	4	601061 260136
30	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SE (NE)	551	4	601802 260872
31	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	586	4	601056 260037
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	587	4	601049 260044
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	587	4	601051 260043
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	590	4	601129 259944
35	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	620	4	601028 260018
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	622	4	601025 260018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	623	4	601024 260018
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	638	4	601018 260000
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (W)	646	4	600920 260183
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	647	4	601027 259972
41	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 96.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SE (NW)	683	4	601092 260893
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	713	4	600826 260424
43	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	719	4	600818 260385
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	736	4	600832 260586
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	737	4	600841 260616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	742	4	602258 260617
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	745	4	602263 260613
48	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8SW (S)	761	4	601533 259607
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 289.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8SW (S)	772	4	601522 259596
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	776	4	601587 261154
51	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	785	4	601579 261164
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	802	4	602342 260538
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	804	4	602322 260623
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	806	4	602346 260534

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 29.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	809	4	602325 260628
56	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SE (NW)	811	4	601059 261030
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	812	4	602356 260517
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SE (NW)	837	4	601036 261046
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 348.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	839	4	602375 260187
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	841	4	601550 261220
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	901	4	601625 261278
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 547.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	901	4	601625 261278
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19NW (NE)	902	4	602003 261162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17NE (NW)	910	4	601137 261192
65	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	910	4	601569 261289
66	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	920	4	601615 261298
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	928	4	601611 261305
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	953	4	600603 260192
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	953	4	600603 260192
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	963	4	600591 260198
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	966	4	600592 260177
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	967	4	600587 260200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19NW (NE)	967	4	602048 261212
74	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	968	4	600608 260103
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	979	4	600595 260109
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	993	4	602550 260385
77	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	993	4	600598 260696
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SW (W)	995	4	600567 260157
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	995	4	600596 260697
80	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NW (W)	995	4	600596 260697
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A17SW (W)	996	4	600605 260725

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 485.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NE (E)	997	4	602554 260384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Licensed Waste Management Facilities (Locations) Licence Number: 101646 Location: Unit 6 Green Farm, Harleston, Stowmarket, Suffolk, IP14 3HW Operator Name: Deejays Motorcycles Limited Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Surrendered Issued: 22nd July 2010 Last Modified: 18th April 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 20th October 2014 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (S)	415	2	601551 259954
	Local Authority Landfill Coverage Name: Suffolk County Council - Has supplied landfill data		0	5	601547 260374
	Local Authority Landfill Coverage Name: Mid Suffolk District Council - Has supplied landfill data		0	6	601547 260374

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Neogene To Quaternary Rocks (Undifferentiated)	A13NE (NE)	0	1	601547 260374
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Radon Potential - Radon Affected Areas 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). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	601547 260374

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Contemporary Trade Directory Entries Name: Hewitt Location: The Lodge, Harleston, Stowmarket, Suffolk, IP14 3HP Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	360	-	601517 260010
84	Contemporary Trade Directory Entries Name: K B Leach Location: Unit 3/4, Green Farm Buildings, Harleston, Stowmarket, Suffolk, IP14 3HW Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	391	-	601535 259977
84	Contemporary Trade Directory Entries Name: Deejays Motorcycles Location: Unit 7 Green Farm Buildings, Harleston, Stowmarket, Suffolk, IP14 3HW Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	407	-	601536 259961
84	Contemporary Trade Directory Entries Name: Rose Cottage Doors Location: Harleston, Stowmarket, Suffolk, IP14 3HW Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	433	-	601552 259936
85	Contemporary Trade Directory Entries Name: Eastern Motorcycles Location: Unit 4, Glebe Farm, Woodlands Cl, Onehouse, Stowmarket, Suffolk, IP14 3HL Classification: Motor Cycle Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	673	-	602011 259876
85	Contemporary Trade Directory Entries Name: Rose Cottage Doors Location: The Grange, Woodlands Close, Onehouse, Stowmarket, Suffolk, IP14 3HL Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	699	-	601988 259821
85	Contemporary Trade Directory Entries Name: Chisnall Location: Unit 6, Glebe Farm, Woodlands Close, Onehouse, Stowmarket, Suffolk, IP14 3HL Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	705	-	602020 259840
86	Gas Pipelines Name: STOWMARKET TO BRAINTREE Nat Grid: Owned By National Grid Diameter (mm): 900 Building Proximity: Not Supplied Distance (m): Status: Active Pipe Length (m): 51916.77 Pipe Number: Not Supplied	A13NW (N)	306	7	601485 260677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Ancient Woodland Name: Not Supplied Reference: 1411441 Area(m ²): 291470.92 Type: Ancient and Semi-Natural Woodland	A14SW (E)	516	8	602071 260330
88	Ancient Woodland Name: Not Supplied Reference: 1411435 Area(m ²): 10431.48 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	669	8	602113 260000
89	Ancient Woodland Name: Not Supplied Reference: 1411449 Area(m ²): 268437.21 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	763	8	600873 260750
90	Nitrate Vulnerable Zones Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13NE (NE)	0	3	601547 260374
91	Nitrate Vulnerable Zones Name: River Gipping Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (NE)	0	3	601547 260374



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department Environment Agency - Head Office	January 2020 January 2020 June 2020	Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - Anglian Region	April 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	April 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department	June 2014 June 2014	Variable Variable
Local Authority Pollution Prevention and Controls Mid Suffolk District Council - Environmental Health Department Babergh District Council - Environmental Services	June 2014 June 2014	Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department	June 2014 June 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2021	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Eastern Area	January 2021	Quarterly
Water Abstractions Environment Agency - Anglian Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area	April 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	April 2021	Quarterly
Local Authority Landfill Coverage Babergh District Council - Environmental Services Mid Suffolk District Council - Environmental Health Department Suffolk County Council	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Mid Suffolk District Council - Environmental Health Department Babergh District Council - Environmental Services Suffolk County Council	July 2003 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Suffolk County Council - Environment and Transport Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	February 2006 February 2016 February 2016	Annual Rolling Update Variable Variable
Planning Hazardous Substance Consents Suffolk County Council - Environment and Transport Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	February 2006 February 2016 February 2016	Annual Rolling Update Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2021	Quarterly
Gas Pipelines National Grid	January 2021	
Underground Electrical Cables National Grid	May 2021	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Babergh District Council - Planning Department Mid Suffolk District Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Suffolk County Council St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ	Telephone: 01473 583000 Fax: 01473 230240 Website: www.suffolkcc.gov.uk
6	Mid Suffolk District Council - Environmental Health Department Council Offices, 131 High Street, Needham Market, Ipswich, Suffolk, IP6 8DL	Telephone: 01473 826622 Email: customer.services@baberghmidsuffolk.gov.uk Website: www.midsuffolk.gov.uk
7	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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