

**WOODSIDE FARM
SHEPHERDS LANE, STOWMARKET**

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

December 2022

Report No. P0326/R01 Issue 2

Prepared for:

Mr Bruce Gammer


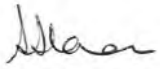
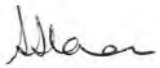
Prepared by:

Sue Slaven

DOCUMENT INFORMATION AND CONTROL SHEET

Report No.	Title	
P0326/R01	Woodside Farm, Shepherds Lane, Stowmarket Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment	
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Issue History

Issue	Status	Date	Report Author	Signature
1	Final	10 March 2021	Sue Slaven MIEnvSc CEnv SiLC 	
2	Final (following 2 nd site visit)	14 December 2022	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 Bruce Gammer
The Site	Woodside Farm, Shepherds Lane, Stowmarket, IP14 3QE
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 at the site in respect of the proposed redevelopment to a residential land use.
Land Use History	The site has been occupied by a farmyard since at least 1885. Many of the buildings were derelict with some having collapsed. However, some buildings were in use for storage.
Development Proposals	The site is to be redeveloped to a residential land use consisting of five dwellings, each with a private garden.
Geo-environmental Setting	<p>Topography: The site generally sloped downwards towards the north within an undulating landscape.</p> <p>Geology: The area is underlain by superficial deposits comprising Lowestoft Formation (chalky till) and bedrock geology comprising 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 a groundwater Source Protection Zone (Zone 3 – Total Catchment) and the nearest groundwater abstraction licence was held at Eden Nurseries 490m to the east for spray irrigation.</p> <p>Hydrology: The nearest surface water course is 100m to the north of the site.</p>
Phase 1 Preliminary Risk Assessment	Based on the history of the site, potential on-site sources of contamination are principally identified as petroleum hydrocarbons and metals as a result of the site's former use as a farmyard since at least 1885. The receptors of concern are future site occupiers. A risk assessment was carried out, which established a Medium risk and thus, an intrusive ground investigation would be required to quantify the risk to identified receptors.
Recommendations	A Phase 2 ground investigation is recommended to be carried out across the site. This would involve the excavation or drilling of exploratory holes to describe the ground conditions, the collection and subsequent testing of soil and an assessment of geo-environmental issues.
<p>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.</p>	

**Woodside Farm, Shepherds Lane, Stowmarket
Phase 1 Geo-environmental Desk Study and Preliminary Risk Assessment**

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**Woodside Farm, Shepherds Lane, Stowmarket
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 Bruce Gammer to carry out a preliminary investigation (also recognised as a Phase 1 Geo-environmental Desk Study) for the site known as Woodside Farm, Shepherds Lane, Stowmarket. The purpose of the report is to provide preliminary information for the site with regards to the potential for ground contamination to be present. This is achieved using published information and by carrying out a walkover survey in relation to the proposed redevelopment of the site to a residential land use. It is understood that the report is to be submitted in support of a planning application to Mid Suffolk Council.

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 Phase 1 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 impacts.
- 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 PPLs 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 and 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 redeveloped to a residential land use. 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:
- Babergh & Mid Suffolk District Councils. Contaminated Land Advice Note 1 – Guidance notes for developments on land which is potentially contaminated or where the proposed end use is sensitive (Version 2015/11).
 - Babergh & Mid Suffolk District Councils. Contaminated Land Advice Note 2 – Technical Guidance for Investigating, Assessing and Remediating Land Contamination (Version 2015/11).
 - 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 and 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 proposed to redevelop the site to a residential land use consisting of five dwellings, each with 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.

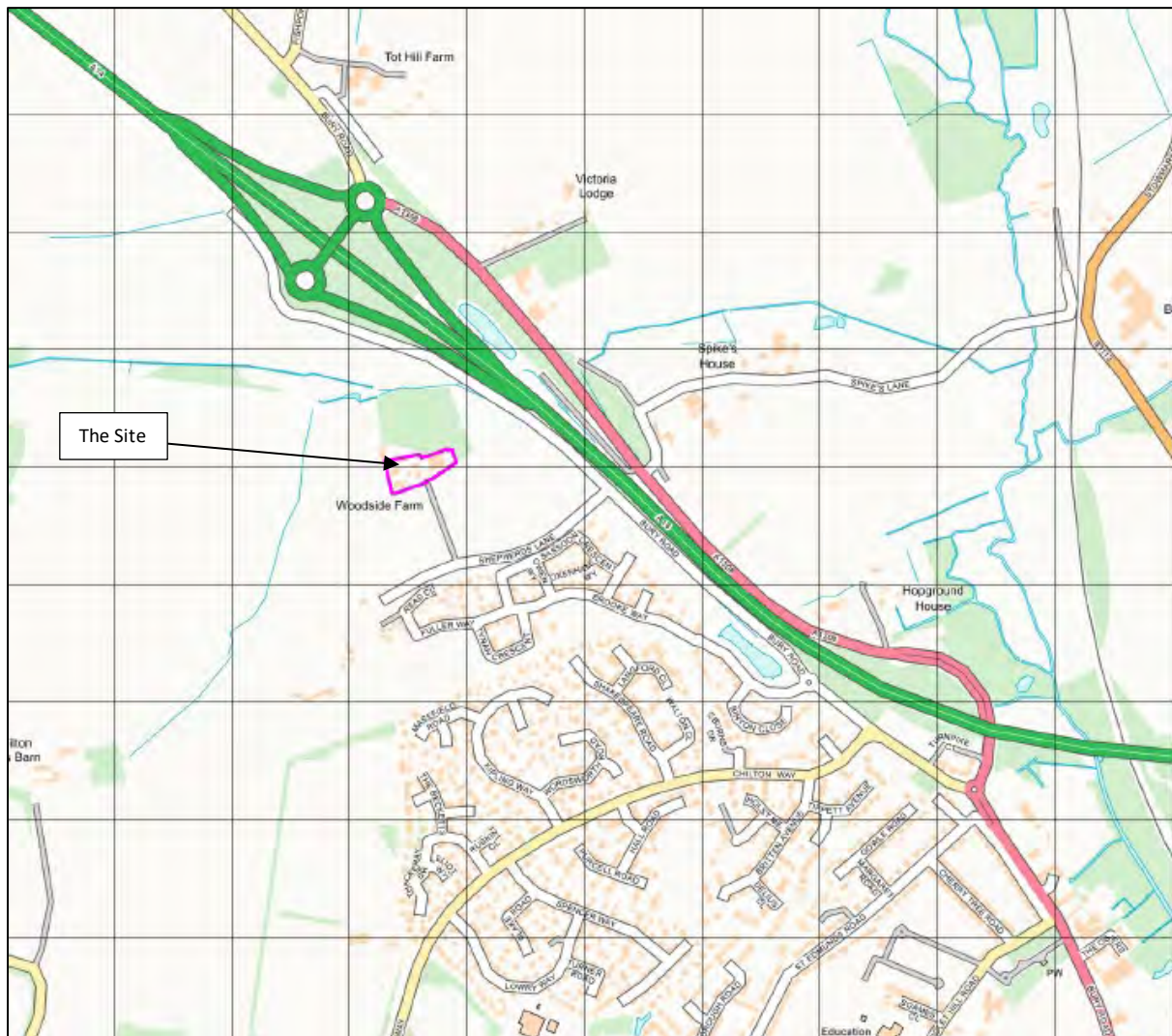


Figure 1 Site Location (not to scale)

Table 1 Summary of the Site and its Environs

Site Address	Woodside Farm, Shepherds Lane, Stowmarket, IP13 3QE
Location	The site is located 150m to the north-west of Shepherds Lane and 130m to the south-west of the A14 trunk road within a predominantly agricultural area with residential development 180m to the south-east. The site is situated approximately 2.1km to the north-west of Stowmarket's town centre.
Grid Reference	603520, 260200
Site Area	0.53ha
Topography	The site generally slopes downwards towards the north in a gently undulating landscape.

2.2 Site Description

- 2.2.1 Site visits were undertaken on 4 March 2021 and again, on 13 December 2022 by Sue Slaven. The site was accessed through a gate on the southern boundary that lead from Shepherds Lane to the south-east. The site can be divided into two sectors, with a concrete track through the centre leading to woodland to the north and Woodside Farmhouse to the north-west of the site.
- 2.2.2 The eastern sector of the site was occupied by a large farm building of concrete block and wooden panels above. Concrete hardstanding surrounded the building to the east, west and north, with overgrown vegetation to the south. To the east of the building, amongst vegetation, were derelict vehicles, a pile of sand and a pile of building rubble and to the north, two oil drums. The edge of the concrete hardstanding to the east was marked by a low concrete wall, which also marked the boundary of a deep pond that was dry at the time of the walkover survey and filled with overgrown vegetation.
- 2.2.3 The western sector of the site was occupied by a number of farm buildings, that were either derelict or in use for storage. Two buildings, located on the northern boundary and in the centre on the eastern side, were open-sided on the southern side and were in use for the storage of building materials and vehicles, together with fuel dispensing pumps within one. Two barns located in the centre and in the south-east of the eastern sector were inaccessible at the time of the walkover survey as they were padlocked and appeared to be in use for storage.
- 2.2.4 One large barn on the western side in the centre was empty with large wooden doors on both the southern and northern sides and surrounded by overgrown vegetation. By the time of the second walkover survey, the centre of this barn had collapsed and the area was surrounded by Heras fencing. Thus, it is assumed that the several smaller one-storey buildings, located in the north western corner, remain in use by the occupiers of the farmhouse, with access on the northern and western sides, for domestic garage and possible pool house.
- 2.2.5 In-between the farm buildings within the western sector was vegetation, overgrown in places, together with a trailer upon which a fuel storage tank was located although this area was

inaccessible due to overgrown vegetation in December 2022. Two above ground fuel tanks were observed adjacent to two buildings in the northern sector, with a possible third in the north-western corner of the western sector. The north-eastern corner of this sector was occupied by a possible derelict building as evidenced by existing walls. A gap in the row of buildings adjacent to the northern boundary was also a former building with walls / doors on three sides, and without a roof or a wall on the northern side.

- 2.2.6 Four grain silos were located in the south-western corner of the site with concrete hardstanding on the northern side, upon which pallets of bricks and concrete blocks were being stored. A metal sheet was also present in this area that had been used to cover a water-filled hole, possibly a well. Alongside the southern boundary were piles of bricks, flint stone, concrete slabs and pallets, which were covered with vegetation. Piles of metal sheets were observed to the rear of the barn in the south-eastern corner of this part of the farmyard.
- 2.2.7 The site was bounded by a wooden fence and gate on the southern boundary, a brick wall on the western boundary and a concrete block wall on the eastern boundary. The edge of the concrete hardstanding in the eastern sector and a row of conifers in the western sector defined the northern boundary. To the north of the site was the farmhouse, its garden and woodland, with agricultural land to the east, west and south.
- 2.2.8 In December 2022, the only changes to the site were the collapse of the barn on the western boundary and the vegetation was becoming more overgrown. A selection of photographs is included within Appendix C, together with photographs taken 13 December 2022 of the collapsed barn.

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 determined 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

1885 (1:2,500)

- 3.2.1 The site was occupied by a number of farm buildings in the western sector with a track going through the centre in a north – south direction and another track leading towards the north-east. The eastern sector formed part of a larger field. The surrounding area was in agricultural use with a farmhouse to the north-west of the site, a pond 65m to the north-east and a small woodland to the west. The track going through the centre of the site lead from Shepherd's

Lane 150m to the south and then carried on towards the north-west and then north. Shepherd's Farm was located 140m to the south-west of the site.

1904 (1:2,500)

3.2.2 The site and surrounding area remained unchanged.

1926 (1:2,500)

3.2.3 Two additional farm buildings were erected in the western sector of the site adjoining existing farm buildings.

1938 (1:10,560)

3.2.4 A small building had been erected to the east of the track on-site, adjacent to the southern boundary.

1958 (1:10,560)

3.2.5 The site and surrounding area remained unchanged.

1969 (1:2,500)

3.2.6 The track that continued towards the north-east was no longer present.

1978 (1:2,500)

3.2.7 The building in the eastern sector had been demolished and there was an orchard to the north of the farmhouse. The A14 had been constructed 150m to the east of the site.

1985 (1:2,500)

3.2.8 The site and surrounding area remain unchanged.

2000 (1:10,000)

3.2.9 The eastern sector had been developed with a large farm building and silos had been erected in the south-western corner.

2021 (1:10,000)

3.2.10 Residential development had occurred 170m to the south of the site.

3.3 Planning and Other Constraints

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 3QE" as the search term. There were two records, dated March 2021 and June 2021, that related to the conversion of the large barn in the eastern sector of the site to form five dwellings.

3.4 Previous Investigations

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

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 Geology Viewer - 14 December 2022 (<https://www.bgs.ac.uk/map-viewers/bgs-geology-viewer/>)
- BGS GeoIndex Onshore – 14 December 2022 (<https://mapapps2.bgs.ac.uk/geoindex/home.html>)
- Envirocheck Report

4.2.2 The records indicate that the superficial deposits underlying the area comprise the Lowestoft Formation, which forms an extensive sheet of chalky till, together with outwash sands and gravels, silts and clays. The till is characterised by its chalk and flint content. The bedrock geology consists of the Crag Group, which includes sands, gravels, silts and clays. The sands are characteristically dark green from glauconite, and weather bright orange with haematite 'iron pans'.

4.2.3 Several boreholes had been drilled along the route of the A14, however, these records were not available to review. Beyond the A14, boreholes had been drilled by shell and auger to assess ground conditions with regards to improvements to be made to the A45. There were four boreholes within the vicinity of the site that were drilled in February or March 1973 to depths of 1.5m, 2m and 3m. Ground conditions were generally described as firm to very stiff brown silty clay with flint and chalk fragments.

4.2.4 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 – 14 December 2022 (<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. The nearest groundwater abstraction licence is held at Eden Nurseries approximately 490m to the east for general agricultural use – spray irrigation. A borehole into the underlying chalk for private water supply was located at Stow Lodge Hospital 960m to the south of the site, although the licence has been revoked, and it is not known whether the borehole remains in existence.

4.4 Hydrology

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

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

4.4.2 The nearest surface watercourses to the site are rivers 100m to the north, 155m to the west and a Drain 165m to the east. However, the site is situated within Flood Zone 1, which indicates that there is a low probability of flooding. A discharge consent is held at Shepherds Farm 130m to the south for sewage discharge of final/treated effluent into the River Gipping.

4.5 Ecology / Archaeology

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

- Envirocheck Report
- MAGIC Website – 22 December 2022 (<http://www.magic.gov.uk/MagicMap.aspx>)

4.5.2 There are no statutory sites of ecological significance (e.g. Ramsar, Special Protection Area, a Site of Special Scientific Interest, Special Area of Conservation) within 250m of the site. There are also no sites of archaeological interest within 250m of the site. There is one Grade 2 Listed buildings within 250m of the site: Shepherds Farmhouse 190m to the south-west.

5. POTENTIALLY CONTAMINATIVE USES OF THE SITE AND ITS ENVIRONS

5.1 General

5.1.1 A review of the Envirocheck report, historical maps and the MAGIC website, as above, was 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 are no records of historical and 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) Registered Radioactive Substances sites, 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) or Hazardous Substances Consent.

5.4 Other Possible Contaminative Uses

Quarrying

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

Fuel Sites

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

Contemporary Trade Directory

5.4.3 There are no records of trades active 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 is based on the assumption that the site is to be redeveloped to a residential use, comprising five dwellings with private gardens. 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 critical receptor 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 has been occupied by a farmyard since at least 1885, with farm buildings initially in the western sector and then a large farm building erected in the eastern sector in 2000. Above ground fuel storage tanks were also present in the western sector. Thus, potential sources of on-site of contamination are considered to be:

- Petroleum hydrocarbons including petrol, diesel, lubricating oils, engine oils etc. that may have resulted from leakage and/or spillage from farm vehicles and farm machinery if stored and maintained/repaired on-site, and possibly from the tanks that were present.
- Metals (e.g. lead, copper, zinc and chromium) and PAHs are present in waste oil and motor

vehicle engines which may be present as a result of maintenance/repair of vehicles, if carried out on-site.

- Made Ground of an unknown nature that may have resulted from buildings that have fallen into disuse or demolished.
- Asbestos containing materials (ACM) that may have been present in former on-site buildings.
- Metals (e.g. copper, zinc, cadmium, lead, chromium, arsenic and mercury) as a result of the possible storage of fertilisers.

Potential Off-site Sources of Contamination

6.2.3 No potential off-site sources of contamination have been identified as part of the desk study or walkover survey.

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

- Future site occupiers (i.e. construction workers and residents).
- Buildings and underground services.
- Groundwater – Secondary and Principal aquifers.
- Flora and fauna

Off-site

- Woodside Farmhouse to the north-west.
- Woodland to the north and west.
- Farmland to the east and south.

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

General

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 It is assumed that the site is to be redeveloped to a residential land use that includes private gardens. Thus potential pathways are possible such as long-term soil/dust inhalation / ingestion and dermal contact, together with the ingestion of soil attached to homegrown vegetables.

6.4.4 During the redevelopment of the site, contact with any contaminants by groundworkers will typically be short-term. Potential risks are repeated contact with contaminated ground containing substances that are skin irritants and may cause dermatitis. Therefore, with respect to site operatives, it would be prudent to exercise good hygiene practices, e.g. the use of gloves, the avoidance of any eating and smoking on-site, and the provision of washing facilities. In addition, any specific advice given by the Health & Safety Executive should be followed. Assuming good site practices are followed, such incidents should be considered a low 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, which then overlies a Principal aquifer. Thus, groundwater is considered to be sensitive to the potential presence of ground contamination. It is considered that surface water is not considered as a receptor as the nearest watercourse is 100m to the north and unlikely to be impacted by site activities.

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.

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 the desk study information. The preliminary hazard assessment is a qualitative assessment of the risks posed by each viable pollution link identified, as summarised in Appendix B. The hazard assessment leads to a recommended subsequent activity that could be:

- Action Required (AR) in the short term to break existing contaminant-pathway-receptor (CPR) link,
- Site Investigation Required (SIR) with objectives for risk estimation, or
- No Action Required (NAR) at this stage.

- 6.5.2 The source – pathway - receptor linkages that are applicable to the site and the hazard assessment are summarised in Table 2.

Table 2 Preliminary Conceptual Site Model and Hazard Assessment

Hazard Identification			Hazard Assessment			
Contaminant	Pathway(s)	Receptor(s)	Probability	Consequence	Risk	Hazard Assessment
On-site: Contaminated soil (metals and hydrocarbons) on-site as a result of the fuelling and storage of farm machinery and the above ground tanks. Made Ground – from former farm buildings. Asbestos from ACMs possibly used in existing buildings. Metals from possible storage of fertilisers.	Direct contact with soils; ingestion / inhalation of soils and/or dust; ingestion of contaminated home grown produce	Future site occupiers	Medium	Medium	Medium	SIR –The full extent or magnitude of potential contamination in the ground is unknown. Therefore, it is recommended that a site investigation is undertaken to quantify the potential risk, particularly in areas of proposed gardens.
	Ingestion / inhalation soil and/or dust; dermal contact	Construction workers	Low	Mild	Low	NAR - Assuming good site practices are employed during groundworks, a low risk to construction workers is identified.
	Via service pipes	Future site occupiers	Low / Unlikely	Medium	Low	NAR - It is anticipated that services will be placed in trenches of “clean” material.
	Direct contact	Buildings and underground services	Low / Unlikely	Low / Unlikely	Very low risk	NAR – The buildings and hardstanding on-site appeared to be sound (although a structural survey will confirm this).
	Direct contact with soils / uptake by plants	Plants	Low / Unlikely	Mild	Low	NAR – Overgrown vegetation appeared healthy during the walkover survey. No die-back was observed.
	Migration through the ground	Groundwater	Low / unlikely	Medium	Low / Unlikely	SIR –The full extent or magnitude of potential contamination in the ground is unknown. Therefore, it is recommended that a site investigation is undertaken to quantify the potential risk.

6.5.3 From Table 2, a risk ranking of medium has been established principally with regards to future site occupiers. Potential medium risks require quantification and consideration prior to development. Thus, an intrusive investigation is required to ascertain the nature of the ground and the potential presence of contamination.

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. A preliminary conceptual site model has been produced to set out the characteristic ground conditions and elements of the surrounding environment. This has subsequently assisted with identifying potential sources of contamination, potential receptors to ground contamination and whether there are possible pathways between them.

7.1.2 From the site history, review of historical maps and site walkover survey, the identified potential sources of contaminants are:

- Use of the site as a farmyard since 1885, including the possible storage / maintenance of farm machinery, fertilisers and the presence of above ground fuel storage tanks.

7.1.3 Given the history of the site, it is considered possible that contaminants of varying quantities are present in the ground. The principal receptors have been identified as future site occupiers and groundwater. A hazard assessment was subsequently carried out and a risk ranking of medium was established.

7.1.4 The potential risk to construction workers can be mitigated provided that appropriate health and safety precautions are taken in accordance with guidance from the Health & Safety Executive. However, site workers should be made aware of the potential hazards present, the importance of personal hygiene and washing and changing procedures and should undergo induction training before commencing groundworks.

7.2 Recommendations for Further Investigative Works

7.2.1 In order to make a quantitative assessment of the potential risks and thus, the design of any required remedial measures, it is recommended that an intrusive investigation is undertaken. The investigation should be carried out in accordance with BS 10175 "Investigation of potentially contaminated sites - Code of practice" with a suitably qualified engineer supervising all works.

7.2.2 The specific objectives for the intrusive investigation are as follows:

- To assess the extent and composition of Made Ground at specified locations;
- To obtain sufficient information about the depth and nature of superficial deposits and perched groundwater (if present); and
- To confirm whether there are any contaminants of concern present within the ground.

7.2.3 This can be achieved through the excavation of exploratory holes comprising trial pits using a conventional back-hoe excavator or probe holes using dynamic sampling. These techniques will provide information on the nature and vertical stratification of the ground conditions.

Current best practice recommends that samples be collected throughout the soil profile and particularly at any significant change within the ground.

- 7.2.4 Soil samples should be tested for a range of typical contamination indicators including specific tests for any contaminants suspected as being present from the site history. These indicators should include metals (such as lead and copper), inorganic (such as arsenic, sulphate) and organic substances (such as petroleum hydrocarbons and PAHs). Chemical testing should be carried out in accordance with the Environment Agency's MCERTS for Soil Scheme.
- 7.2.5 A comprehensive interpretative report should be provided, that will include a description of the methodology, a review of ground conditions encountered, an assessment of the chemical testing results, and a Generic Quantitative Risk Assessment. If required, recommendations for further work will also be given.

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 position of the 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 taking into account 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 in light of 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 also 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 as a whole 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 particular 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: The track that leads from Shepherds Lane to the south to the site, also showing recent residential development.



Photograph 2: The site entrance.



Photograph 3: The track that runs through the centre of the site to then continue towards the north and north-west.



Photograph 4: The site's southern boundary of the eastern sector.



Photograph 5: The large farm building occupying the eastern sector of the site.



Photograph 6: The track that continued to the north of the site, together with the woodland.



Photograph 7: The northern side of the large farm building in the eastern sector.



Photograph 8: The rear / eastern side of the large farm building where three vehicles were located. The mound in the centre was of sand.



Photograph 9: The deep and large dry pond to the east of the site.



Photograph 10: The track through the centre of the site, looking towards the south, and one of the farm buildings that was in use for storage.



Photograph 11: Access to the centre of the western sector of the site, looking towards the west. The building on the left is as in Photograph 10.



Photograph 12: The open-sided building shown in Photograph 11, which was in use for storage of building materials, vehicles etc.



Photograph 13: A possible fuel storage tank on the building opposite the open-sided building shown in Photograph 12.



Photograph 14: Another open-sided building in use for storage of building materials, situated on the northern boundary.



Photograph 15: The north-western sector of the site, also showing an above ground fuel storage tank adjacent to a building.



Photograph 16: The large farm building adjacent to the western boundary.



Photograph 17: A farm building close to the centre of the eastern sector, in use for storage.



Photograph 18: The north eastern corner of the western sector of the site, that may have been a building in the past.



Photograph 19: The north-western sector of the site. The buildings were inaccessible from the site and were in use by the farmhouse located immediately to the north-west.



Photograph 20: The above ground fuel storage tank in the north-western corner.



Photograph 21: The row of buildings in the western sector, alongside the northern site boundary. The building in the centre of the photograph was derelict with the roof and the northern wall missing.



Photograph 22: The centre of the western sector, showing scrubby vegetation and a trailer upon a fuel storage tank was situated. The silos located in the south-western corner are in the background.



Photograph 23: The centre of the site, looking towards the north.



Photograph 24: The large barn adjacent to the western boundary, from the northern side. This barn had collapsed by December 2022, as shown in Photographs 39 and 40.



Photograph 25: The doors on the northern side of the large farm building. This barn had collapsed by December 2022, as shown in Photographs 39 and 40.



Photograph 26: Inside the large farm building. This barn had collapsed by December 2022, as shown in Photographs 39 and 40.



Photograph 27: The farm building close to the site entrance, which was in use for storage.



Photograph 28: Metal sheeting etc. to the rear of the building shown in Photograph 27.



Photograph 29: The south-western sector of the site.



Photograph 30: The south side of the large farm building adjacent to the western site boundary. This barn had collapsed by December 2022, as shown in Photographs 39 and 40.



Photograph 31: The grain silos located in the south-western corner of the site. The metal sheeting was covering a water-filled hole in the ground.



Photograph 32: The northern boundary of the site.



Photograph 33: The derelict building within the row of buildings on the northern site boundary.



Photograph 34: Woodside Farmhouse located immediately to the north-west of the site.



Photograph 35: The building in the background is in the north-western corner of the site, although it is in use by the farmhouse.



Photograph 36: The area immediately to the west of the site.



Photograph 38: The area to the west of the site.



Photograph 39: The collapsed barn on the western boundary. The barn standing in March 201 is shown in Photographs 24 – 26 and 30.

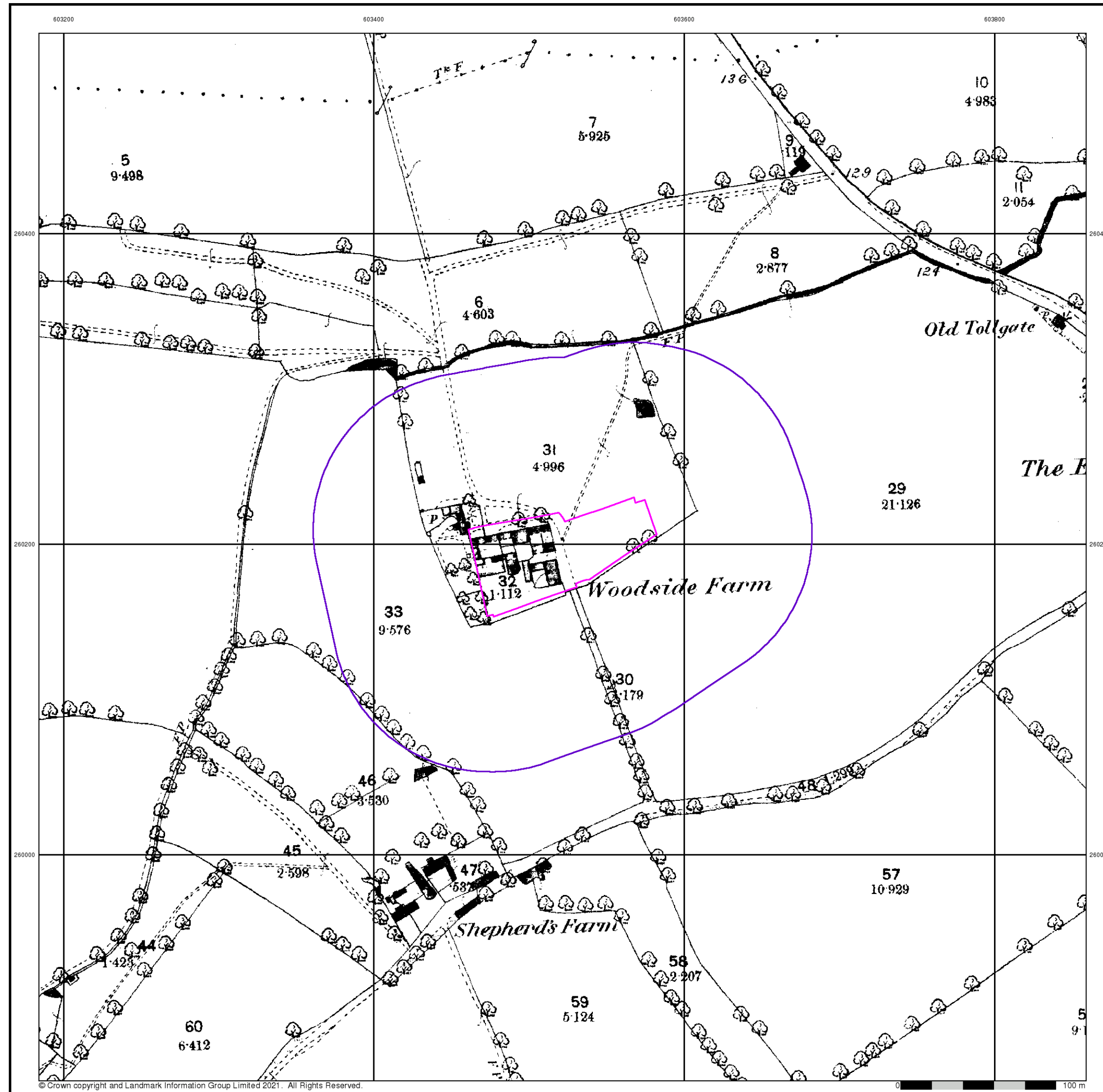


Photograph 40: The collapsed barn on the western boundary. The barn standing in March 2011 is shown in Photographs 24 – 26 and 30.

In December 2022, there were no other changes to the site, except that the vegetation was taller.

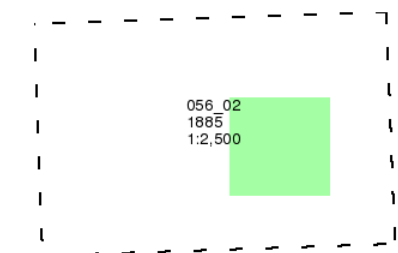
Appendix D

Historical Maps

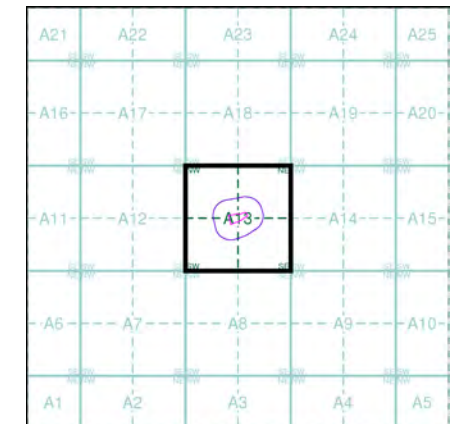


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A13

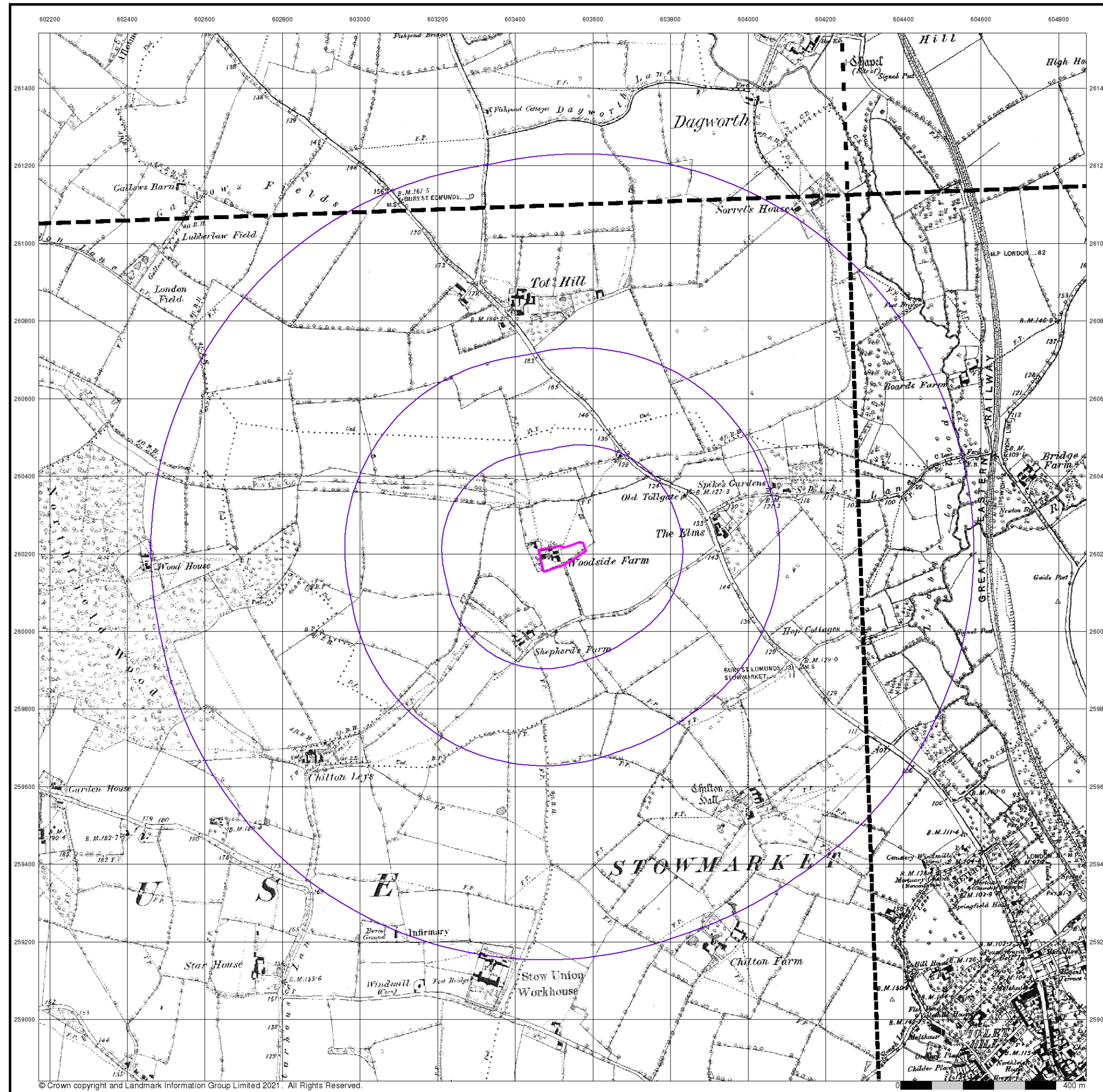


Order Details

Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 100

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



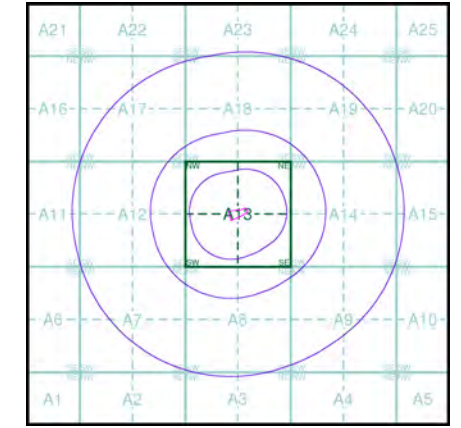
Suffolk
Published 1884 - 1886
Source map scale - 1:10,560

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)

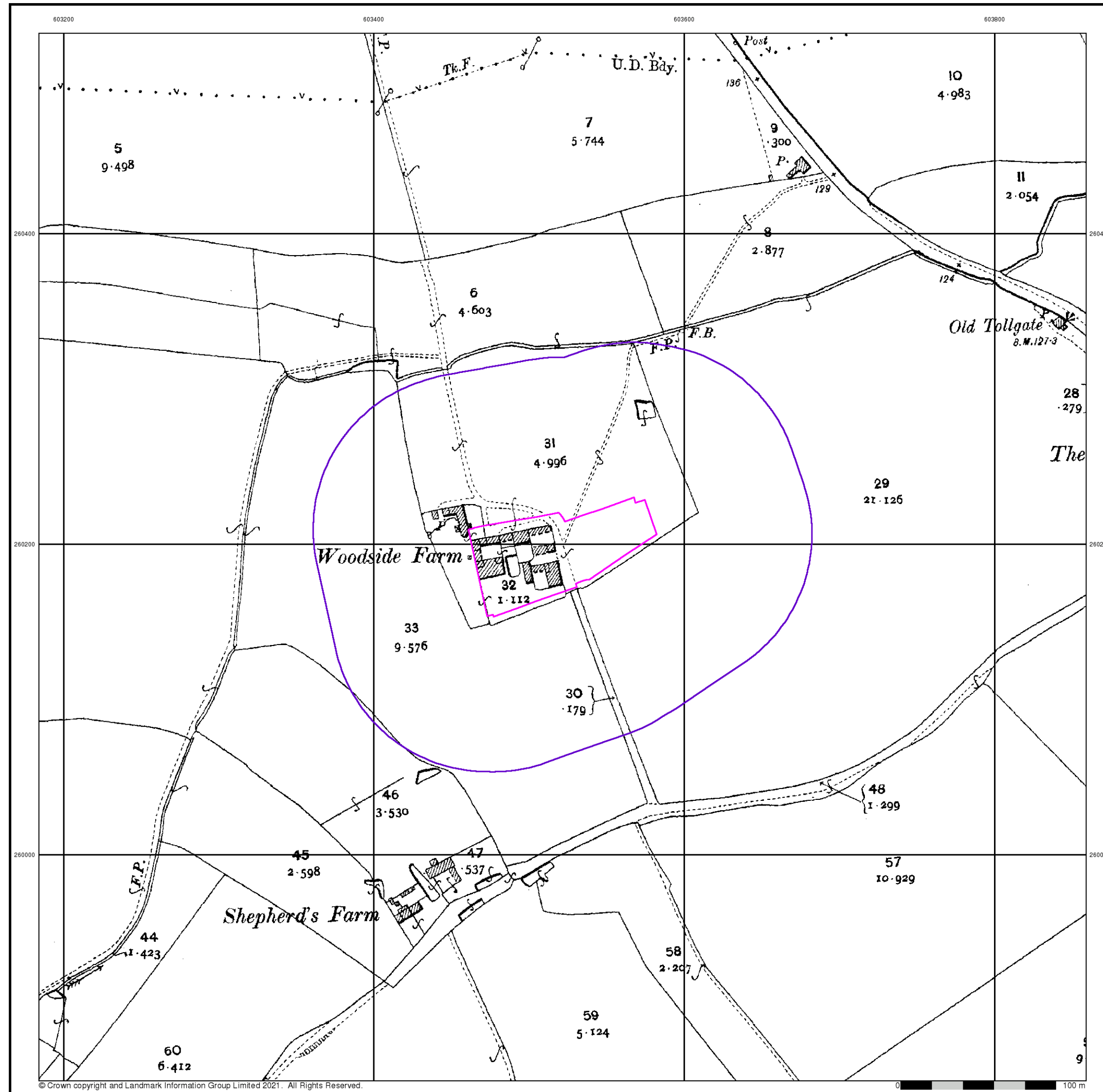
046SW 1885 1:10,560	046SE 1885 1:10,560
056NW 1884 1:10,560	056NE 1886 1:10,560

Historical Map - Slice A



Order Details
 Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details
 Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



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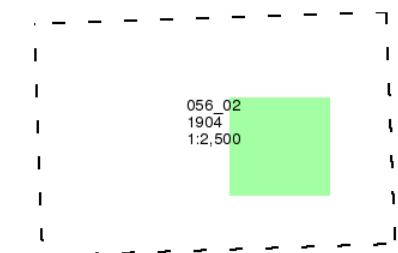
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Published 1904

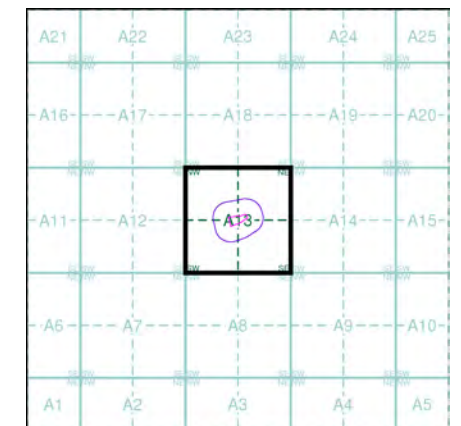
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

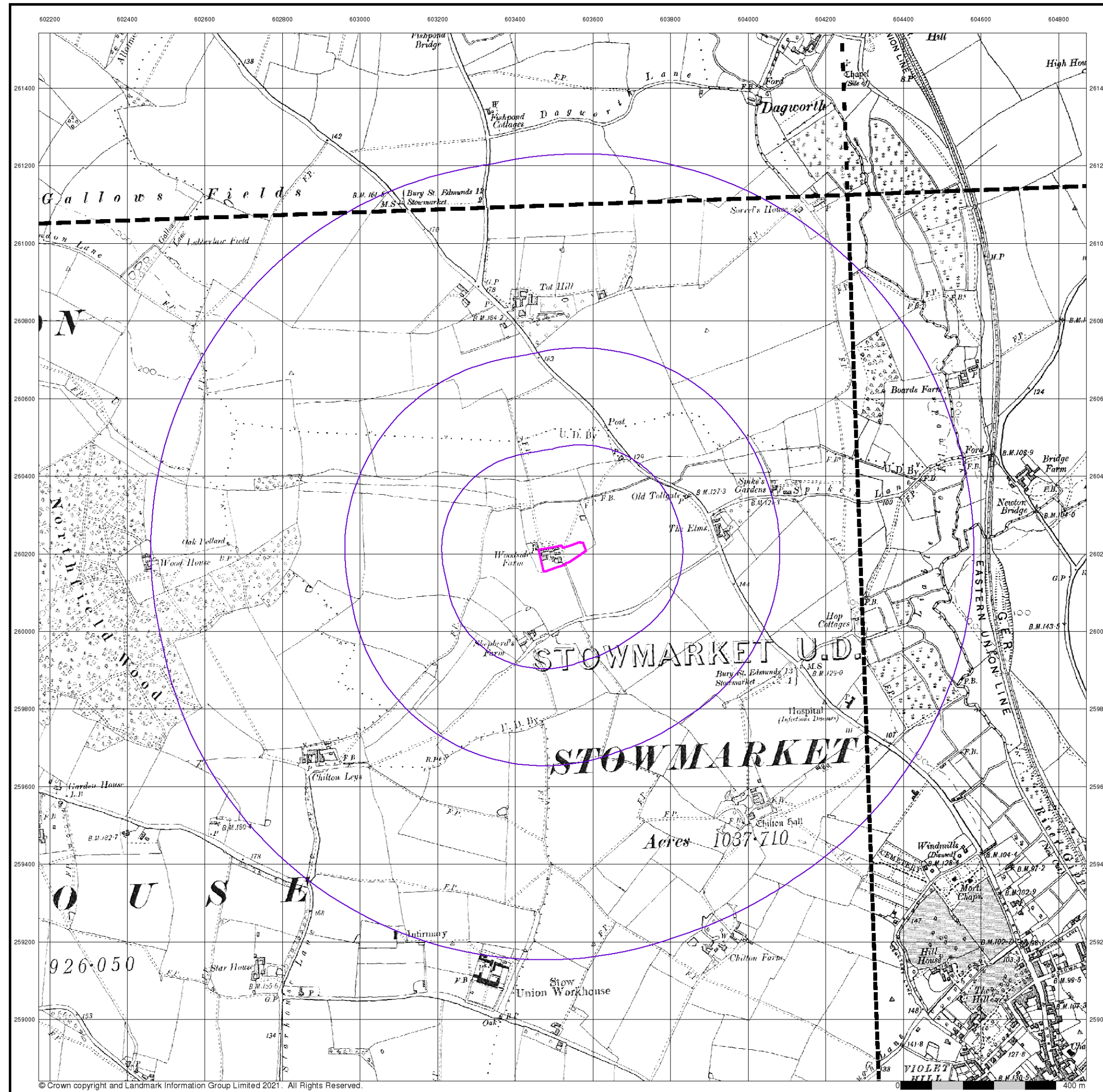
Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 100

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE

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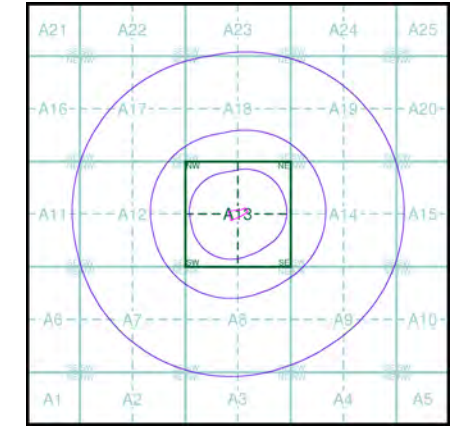
Suffolk
Published 1905
Source map scale - 1:10,560

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 1905 1:10,560	046SE 1905 1:10,560
056NW 1905 1:10,560	056NE 1905 1:10,560

Historical Map - Slice A

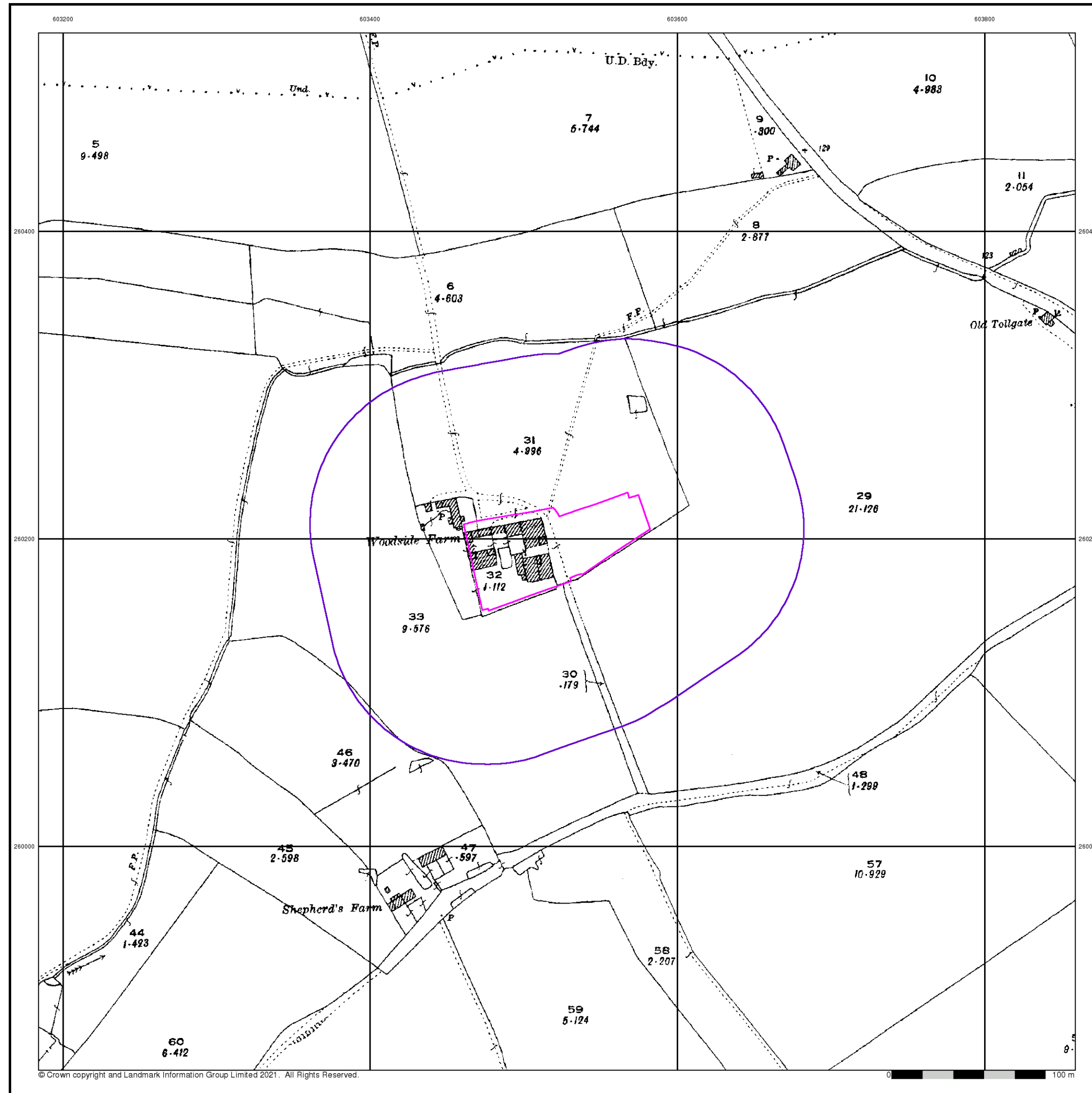


Order Details

Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



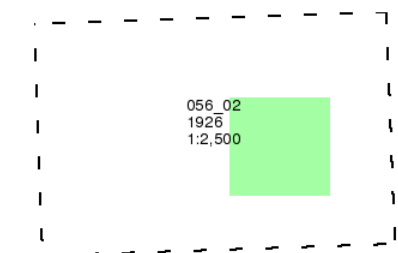
Suffolk

Published 1926

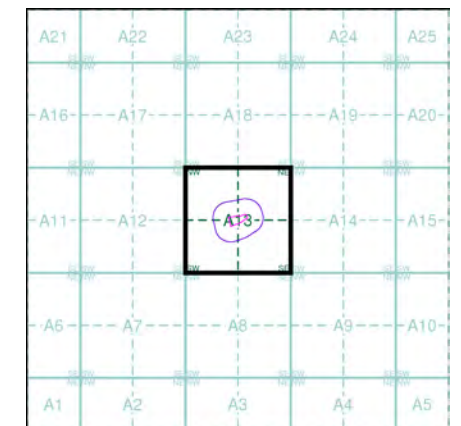
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

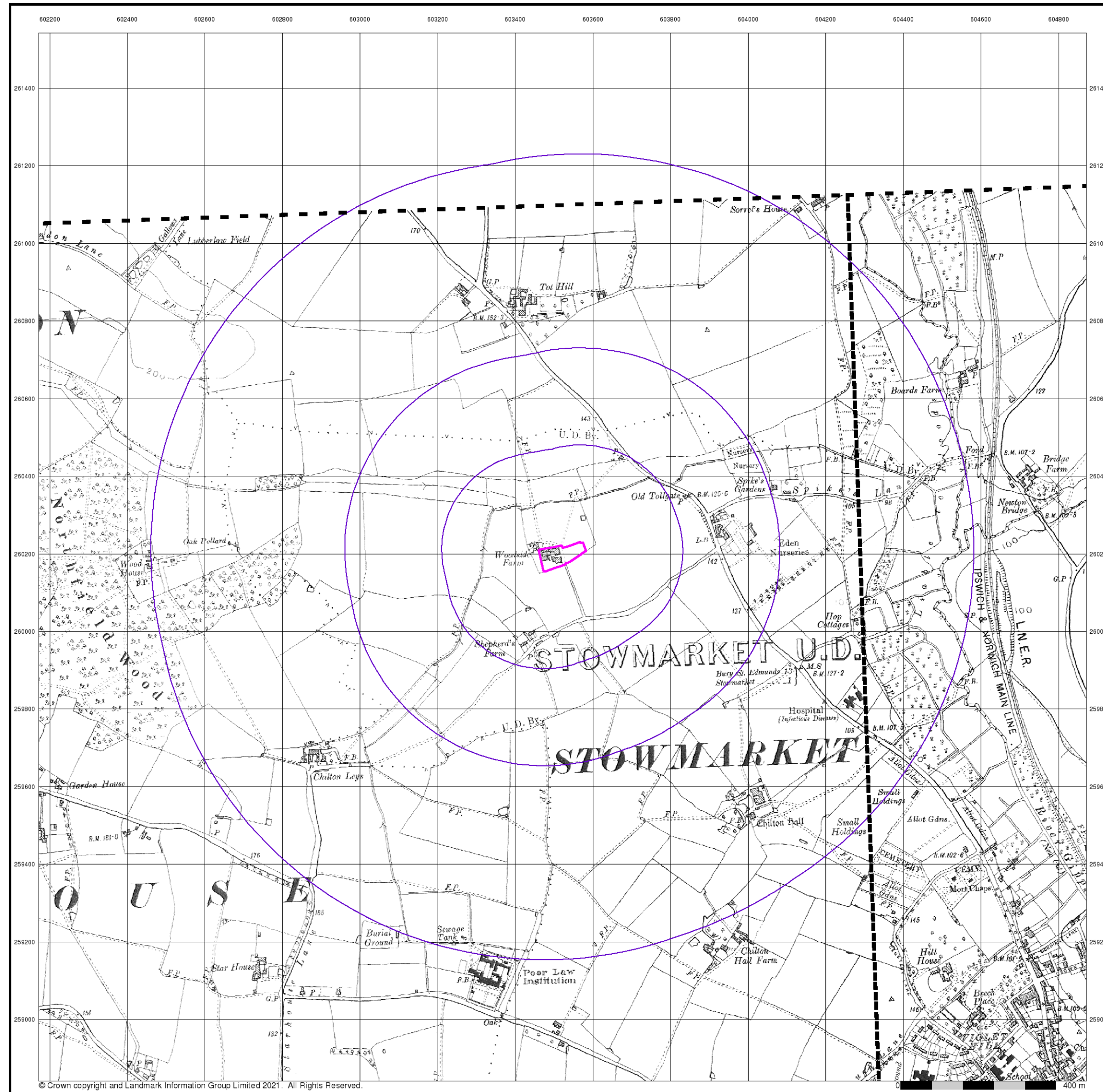


Order Details

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 National Grid Reference: 603520, 260200
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Site Details

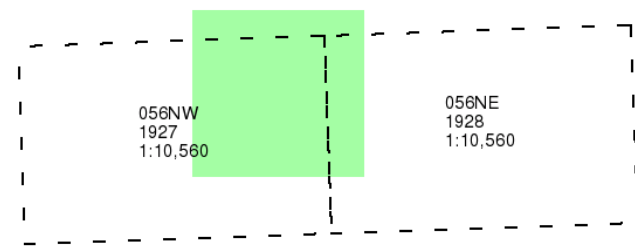
Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



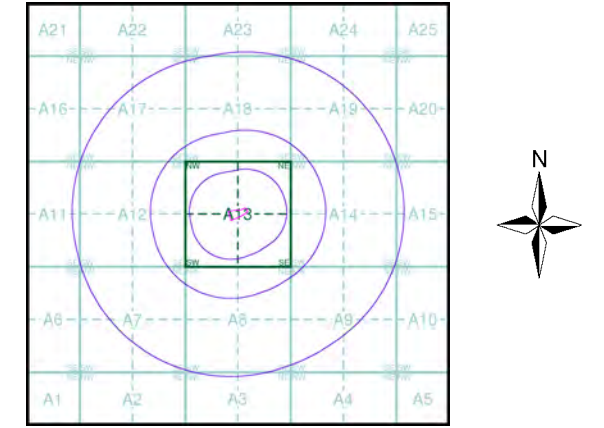
Suffolk
Published 1927 - 1928
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

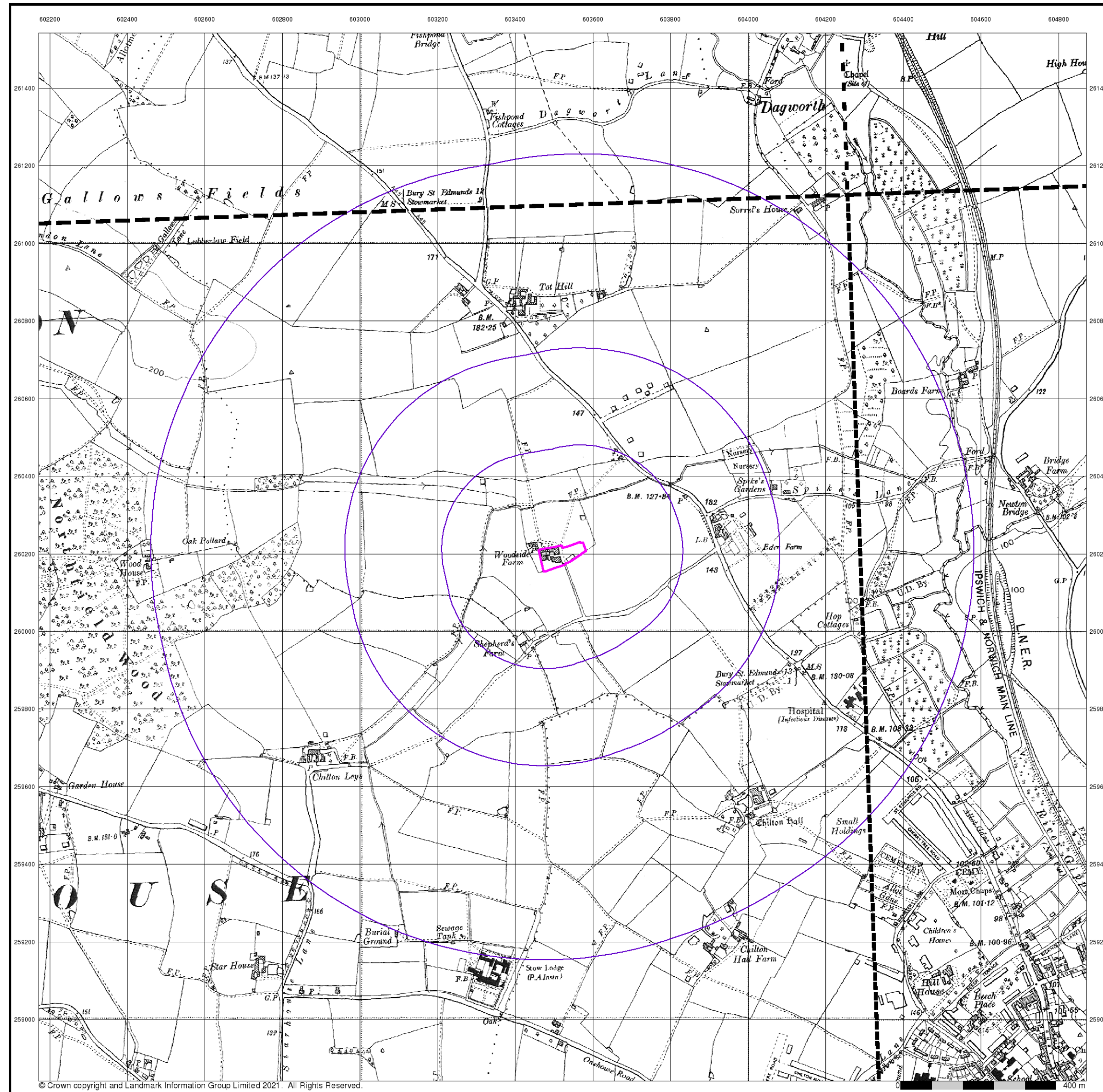


Historical Map - Slice A



Order Details
 Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details
 Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



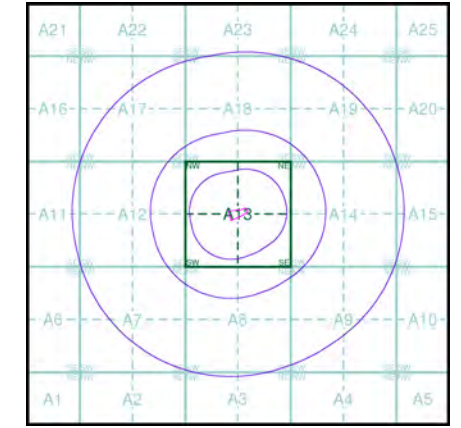
Suffolk
Published 1938 - 1953
Source map scale - 1:10,560

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 1953 1:10,560	046SE 1952 1:10,560
056NW 1938 1:10,560	056NE 1938 1:10,560

Historical Map - Slice A

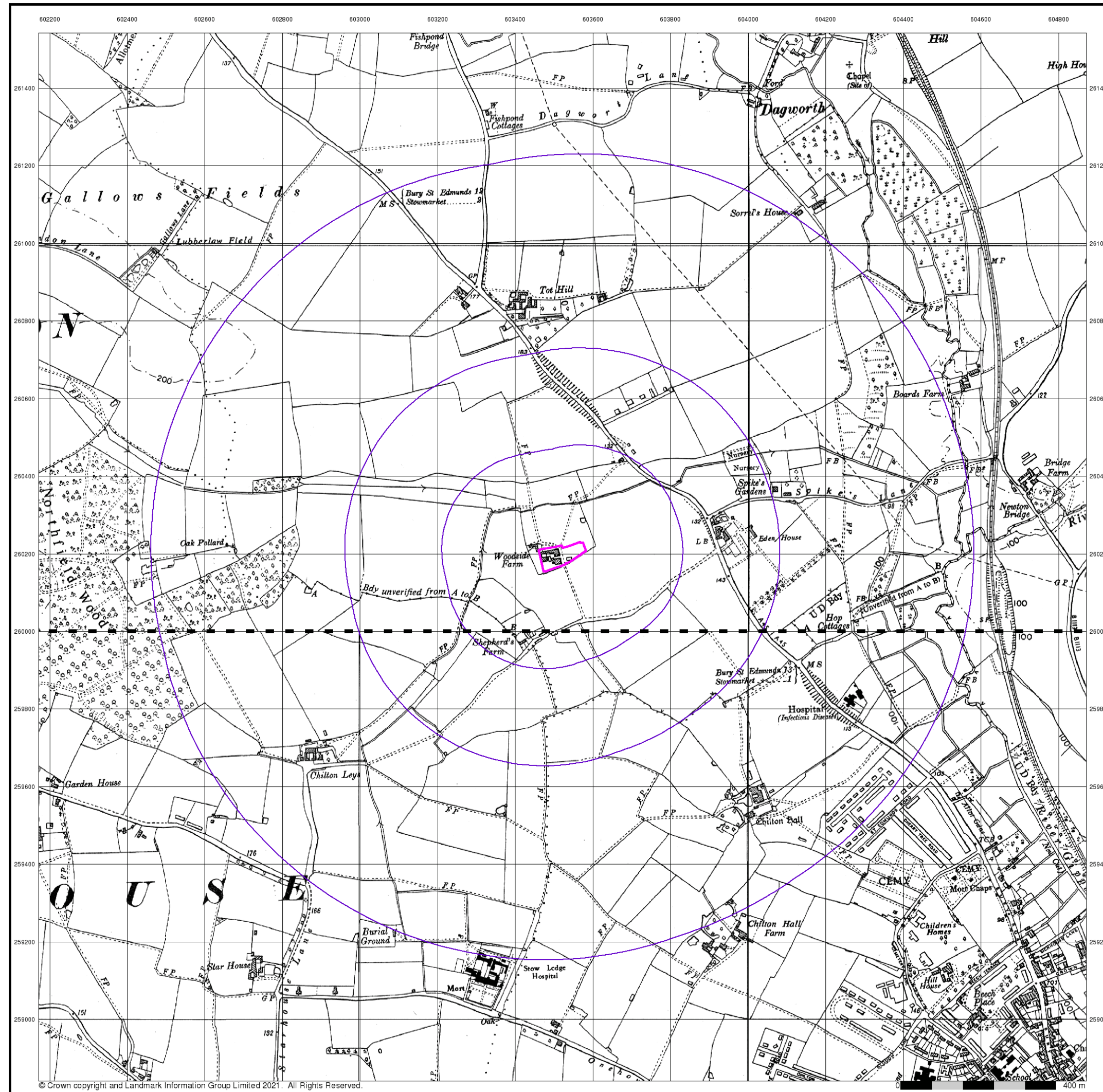


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 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1958

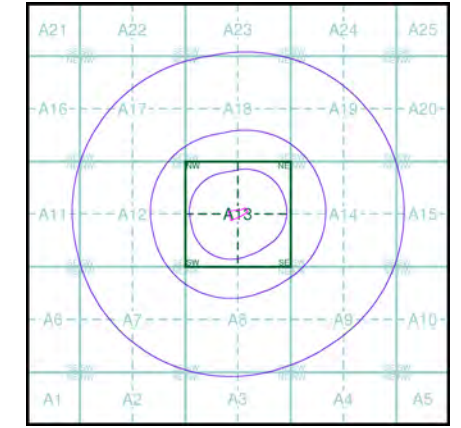
Source map scale - 1:10,000

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 overlaid 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)

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

Historical Map - Slice A

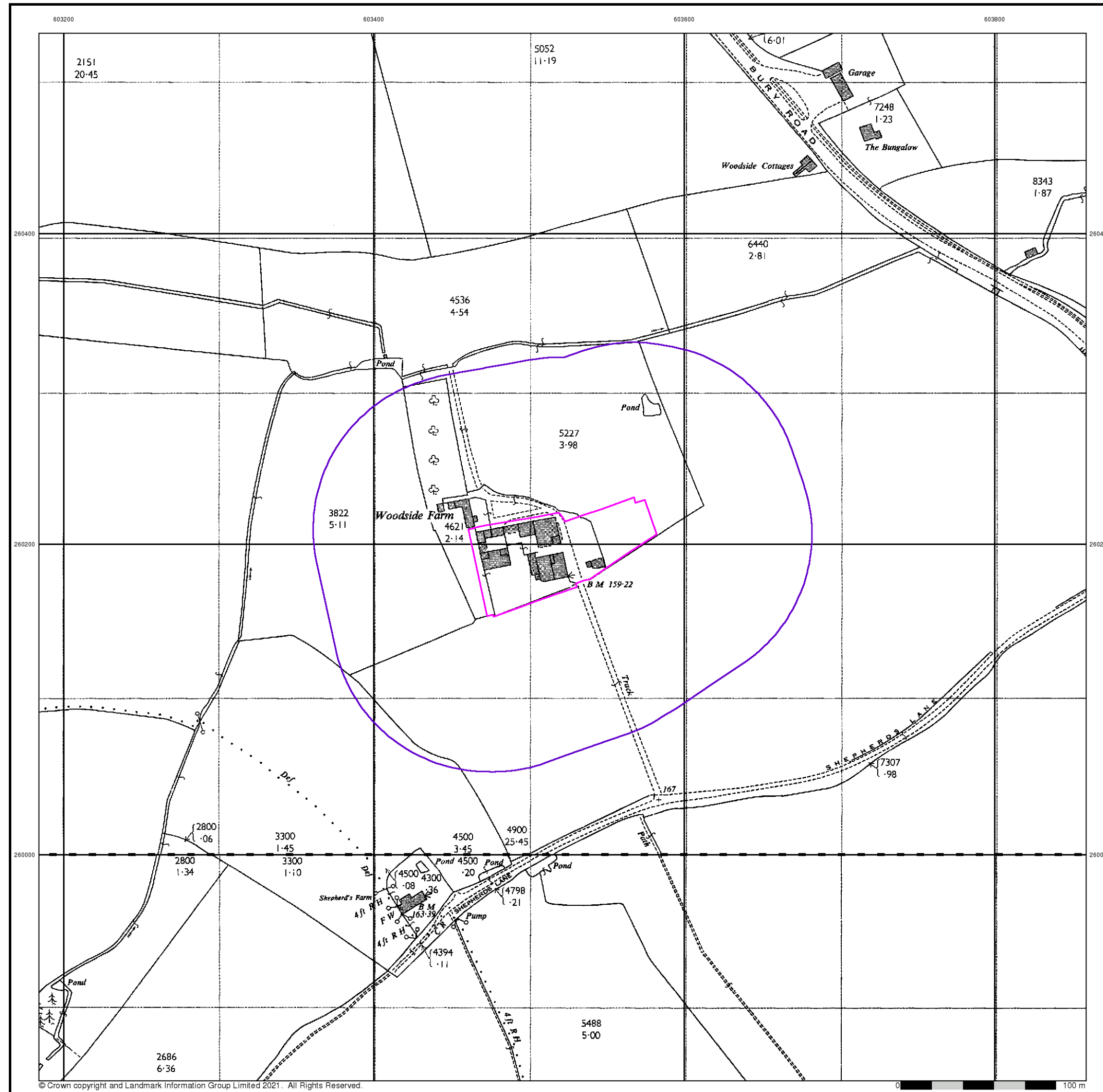


Order Details

Order Number: 274507950_1_1
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 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



Ordnance Survey Plan

Published 1969

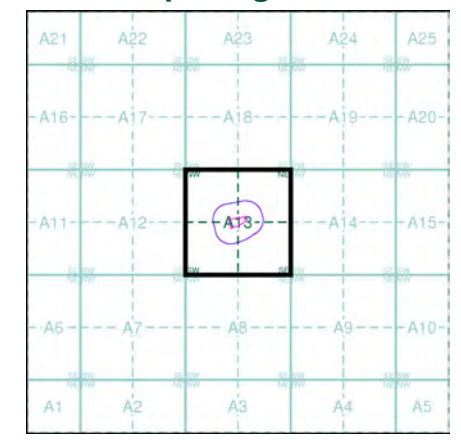
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TM0360	1969	1:2,500
TM0359	1969	1:2,500

Historical Map - Segment A13

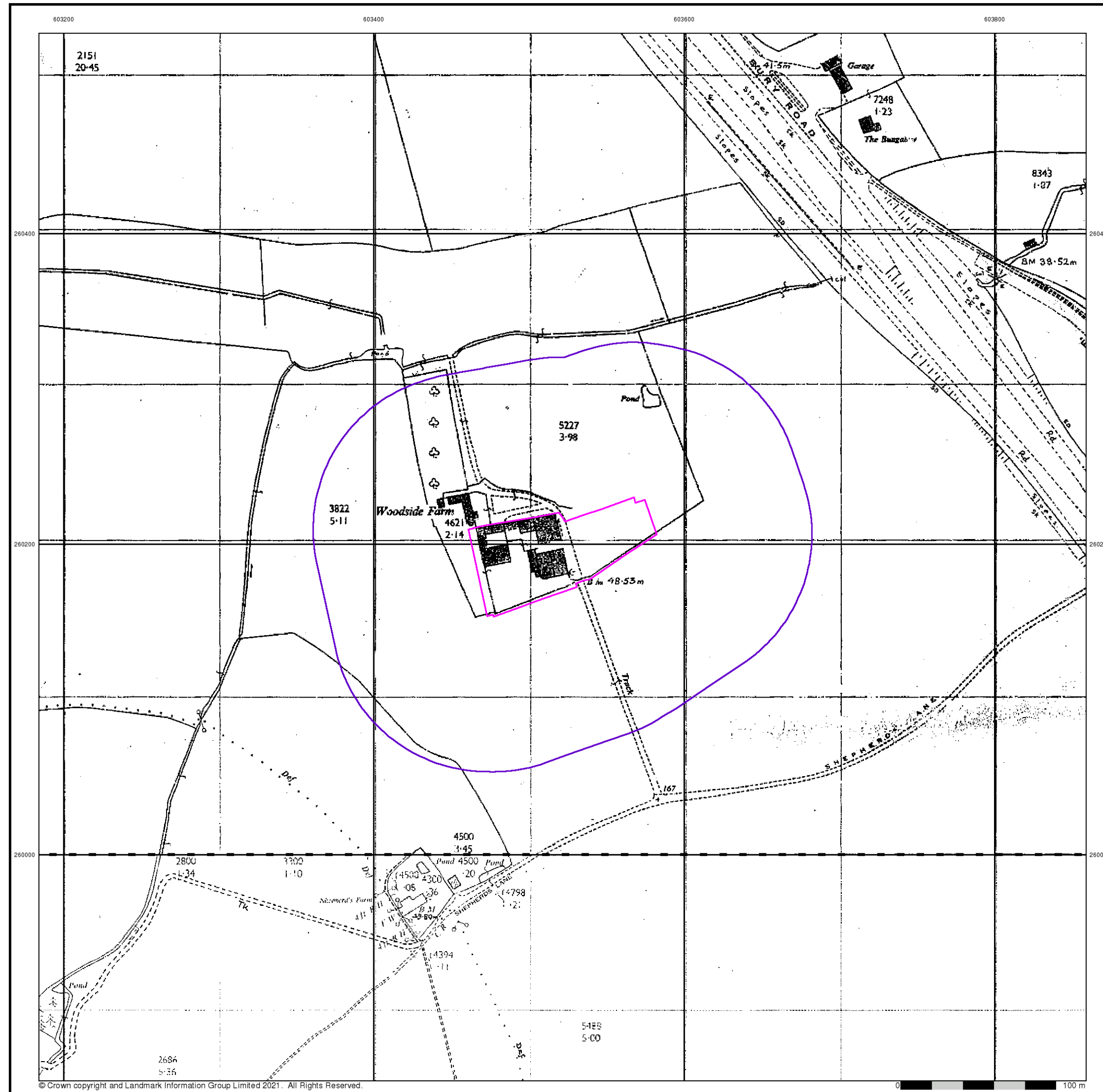


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 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
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Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



Additional SIMs

Published 1977 - 1978

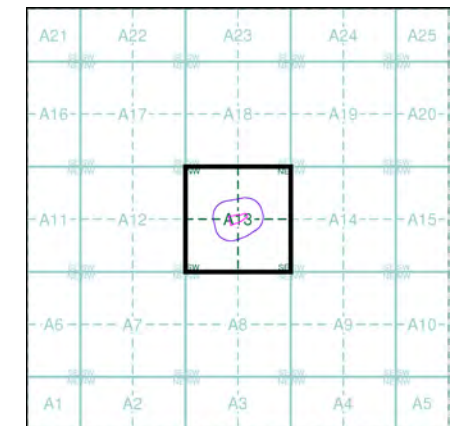
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TM0360	1978	1:2,500
TM0359	1977	1:2,500

Historical Map - Segment A13

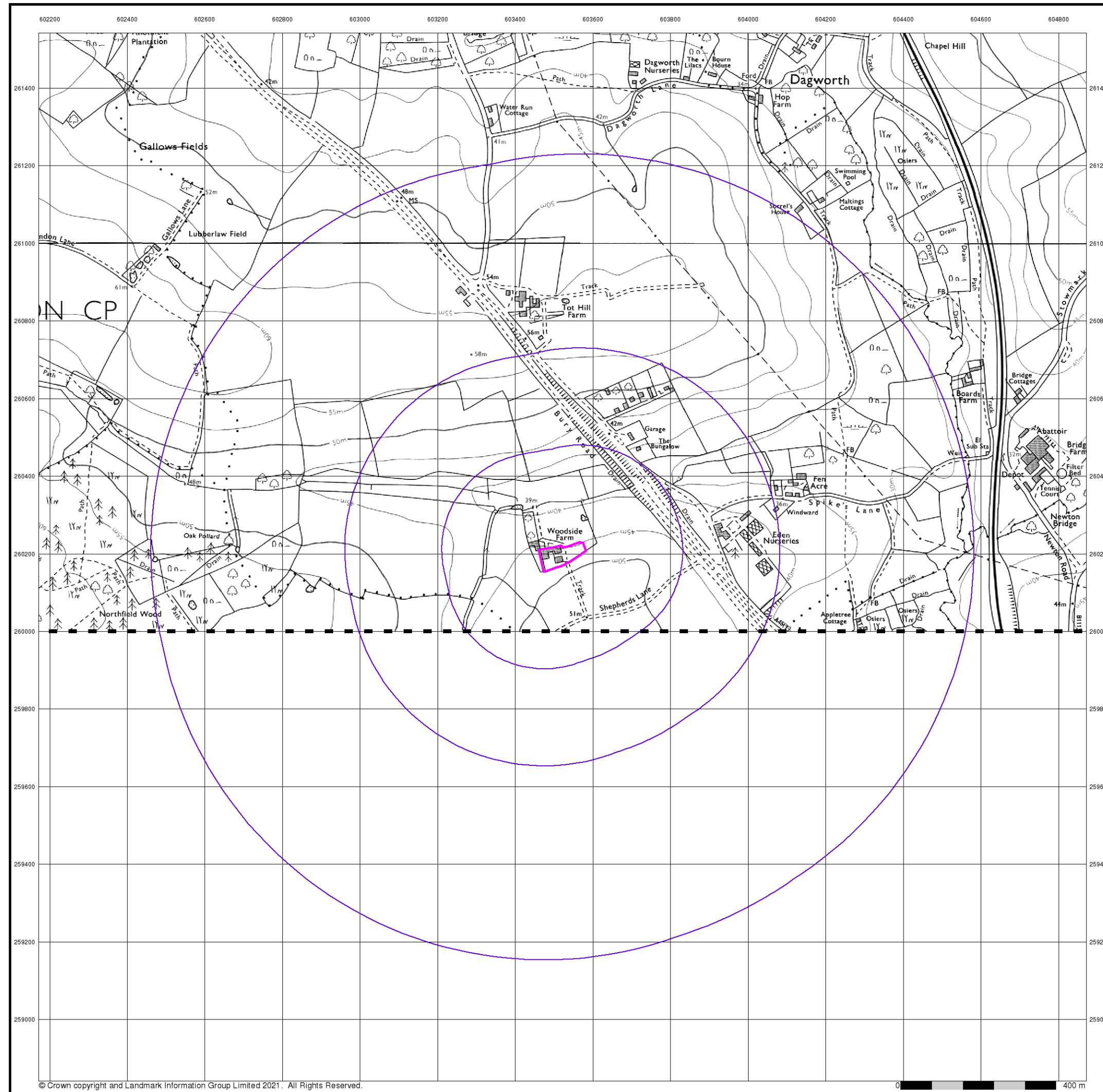


Order Details

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Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



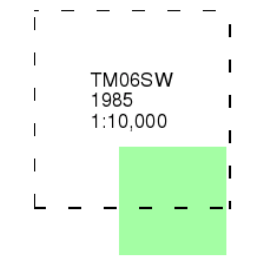
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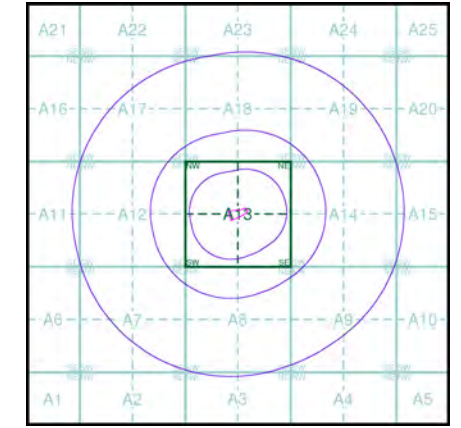
Ordnance Survey Plan Published 1985 Source map scale - 1:10,000

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

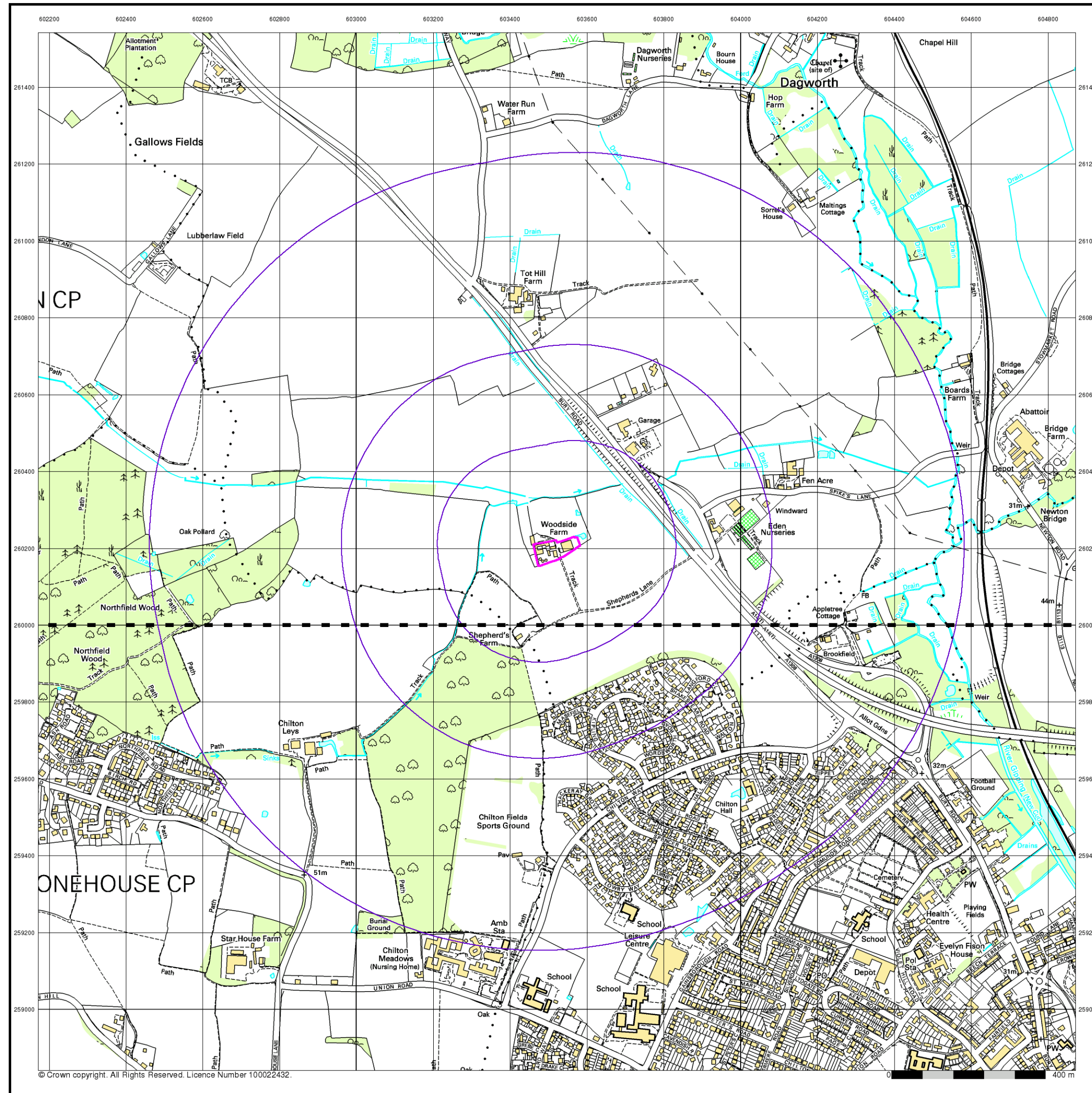


Order Details

Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE



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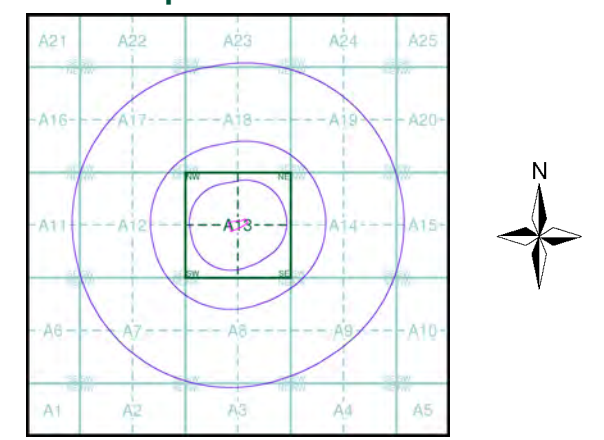
10k Raster Mapping
Published 2000
Source map scale - 1:10,000

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

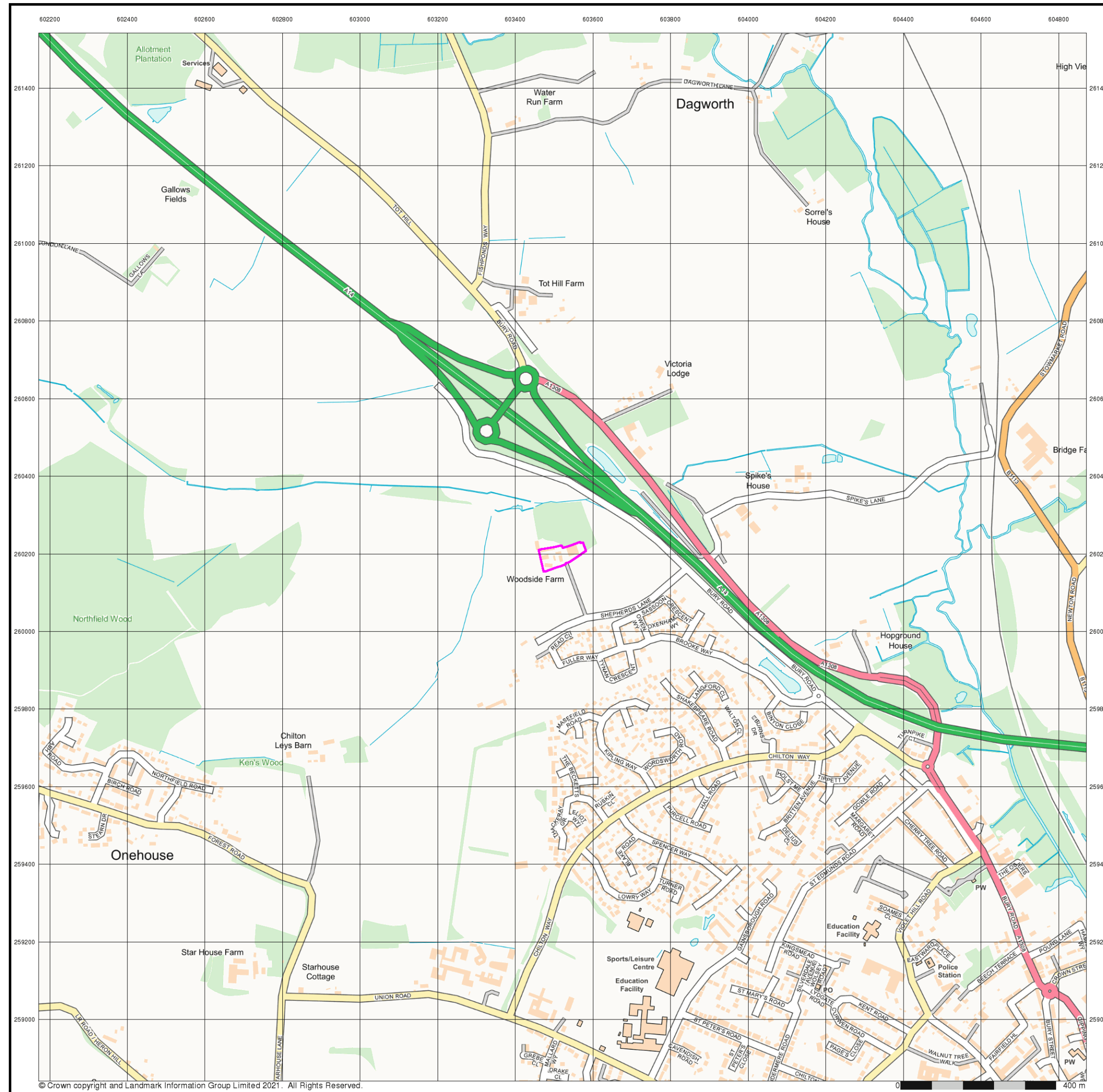
Historical Map - Slice A



Order Details
 Order Number: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details
 Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE

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

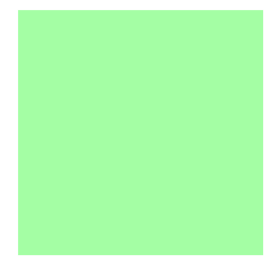


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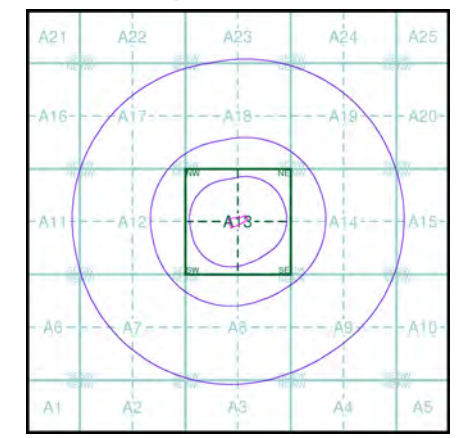
Street View
Published 2021
Source map scale - 1:10,000

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: 274507950_1_1
 Customer Ref: P0153
 National Grid Reference: 603520, 260200
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Woodside Farm, Shepherds Lane, Haughley, STOWMARKET, IP14 3QE

Appendix E

Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

274507950_1_1

Customer Reference:

P0153

National Grid Reference:

603520, 260200

Slice:

A

Site Area (Ha):

0.53

Search Buffer (m):

1000

Site Details:

Woodside Farm, Shepherds Lane

Haughley

STOWMARKET

IP14 3QE

Client Details:

Mrs S Slaven

Sue Slaven

33 Windmill Close

Great Cornard

SUDBURY

Suffolk

CO10 0FL

Prepared For:

Mr Bruce Gammer

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	-
Geological	22
Industrial Land Use	24
Sensitive Land Use	26
Data Currency	27
Data Suppliers	31
Useful Contacts	32

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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	2	8
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	pg 3			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4				4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 4				3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5			1	4 (*22)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 12	1			
Extreme Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12		23	9	45

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	pg 21				1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 21				2
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	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 22		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

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 24			5	6
Fuel Station Entries	pg 25			1	
Gas Pipelines	pg 25				1
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 26				1
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 26	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	A13NW (SE)	0	1	603518 260197
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	120	1	603518 260350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	154	1	603518 260000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	213	1	603700 260400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	325	1	603850 260400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	380	1	603950 260300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	459	1	604000 260400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	472	1	604050 260150
1	Discharge Consents Operator: Mr Paul Bearman And Mrs Polly Bearman Property Type: Domestic Property (Single) Location: Shepherds Farm, Shepherds Lane, Stowmarket, Suffolk, Ip14 3qe Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Epreb3590vy Permit Version: 1 Effective Date: 10th June 2016 Issued Date: 10th June 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Gipping Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SW (S)	130	2	603473 260024
2	Discharge Consents Operator: Tothill Services Ltd Property Type: Domestic Property (Single) Location: Tothill Garage Ltd Bury Road, Stowmarket, Suffolk, Ip14 3qq Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Pr4nf747 Permit Version: 2 Effective Date: 14th December 2011 Issued Date: 14th December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Onehouse Watercourse River Gip Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	299	2	603700 260500
2	Discharge Consents Operator: Tothill Services Ltd Property Type: Domestic Property (Single) Location: Tothill Garage Ltd Bury Road, Stowmarket, Suffolk, Ip14 3qq Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Pr4nf747 Permit Version: 1 Effective Date: 8th December 1986 Issued Date: 8th December 1986 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Onehouse Watercourse River Gip Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	299	2	603700 260500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Mr & Mrs C M Bruce Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Tot Hill House Haughley, Stowmarket, Suffolk, Ip14 3qh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr4nf1173 Permit Version: 2 Effective Date: 22nd July 1992 Issued Date: 22nd July 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</p>	A18SW (N)	592	2	603400 260800
3	<p>Discharge Consents</p> <p>Operator: Alexander John Mcbain Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Tot Hill House Haughley, Stowmarket, Suffolk, Ip14 3qh Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr4nf1173 Permit Version: 1 Effective Date: 26th August 1987 Issued Date: 26th August 1987 Revocation Date: 21st July 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>	A18SW (N)	592	2	603400 260800
4	<p>Discharge Consents</p> <p>Operator: David Michael Dawson Property Type: Arable Farming Location: Tothill Farm, Stowmarket, Suffolk, Ip14 3gh Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwelf50204 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 22nd 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>	A18SW (N)	650	2	603350 260850
5	<p>Discharge Consents</p> <p>Operator: Mr Michael Jupp Property Type: Domestic Property (Single) Location: Appletree Cottage, Stowmarket, Bury Road, Stowmarket, Suffolk, Ip14 3qb Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Prenf15382 Permit Version: 1 Effective Date: 16th September 2002 Issued Date: 4th October 2002 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</p>	A14SE (E)	724	2	604285 260036

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Mr Douglas Pike Property Type: Sewage Disposal Works - Other Location: Chilton Leys Onehouse, Stowmarket, Suffolk, Ip4 3en Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Prenf15592 Permit Version: 1 Effective Date: 9th May 2003 Issued Date: 9th May 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The 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 100m</p>	A7NE (SW)	731	2	602900 259700
6	<p>Discharge Consents</p> <p>Operator: John Leonard Oakenfold Property Type: Domestic Property (Single) Location: Chilton Leys Barn Forest Road, Onehouse, Stowmarket, Suffolk, Ip4 3en Authority: Environment Agency, Anglian Region Catchment Area: River Gipping / River Jordan Reference: Prenf15592 Permit Version: 1 Effective Date: 9th May 2003 Issued Date: 9th May 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The 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</p>	A7NE (SW)	758	2	602875 259689
7	<p>Discharge Consents</p> <p>Operator: Mr Michael Knight Property Type: Domestic Property (Single) Location: Hopground House, Bury Road, Stowmarket, Suffolk, Ip14 3qb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Ephrb3091vv Permit Version: 1 Effective Date: 6th October 2017 Issued Date: 6th October 2017 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 issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	788	2	604329 259958
8	<p>Discharge Consents</p> <p>Operator: J.M.Webster, I.R.M.Kennedy, R.E.Harvey Property Type: Not Supplied Location: New Veterinary Surgery 56 Bury Rd, Stowmarket, Suffolk, Ip14 1jf Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr4nf1138 Permit Version: 1 Effective Date: 27th August 1987 Issued Date: 27th August 1987 Revocation Date: 11th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water 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>	A9SW (SE)	904	2	604000 259400
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tothill Services Ltd Location: Tot Hill, A14 Bury Road, Stowmarket, Suffolk, IP14 3QQ Authority: Mid Suffolk District Council, Environmental Health Department Permit Reference: THS/PPC/PG1/14(04)/07 Dated: 17th May 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	304	3	603694 260508

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A13NE (NE)	1	-	603568 260230
10	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: River Gipping Incident Date: 28th January 1994 Incident Reference: 1887 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	881	2	604000 261000
11	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: River Gipping Tributary Incident Date: 14th February 1996 Incident Reference: 2566 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	914	2	604400 259800
11	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: River Gipping Incident Date: 10th October 1996 Incident Reference: 2752 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	916	2	604400 259795
12	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Ipswich District Authority: Environment Agency, Anglian Region Pollutant: Other Sewage Note: River Gipping Incident Date: 27th May 1994 Incident Reference: 1995 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Inadequate Construction Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	962	2	604400 259700
	River Quality Name: Gipping GQA Grade: River Quality C Reach: Bridge Farm...Stowmarket Estimated Distance (km): 1.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	949	2	604531 260197
	River Quality Name: Gipping GQA Grade: River Quality D Reach: Mendlesham Green...Bridge Farm Estimated Distance (km): 7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	965	2	604531 260379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Haughley Watercourse GQA Grade: River Quality C Reach: Haughley Park...R. Gipping Estimated Distance (km): 7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	965	2	604531 260379
13	Water Abstractions Operator: J Narey & Sons Licence Number: 7/35/08/*G/0159 Permit Version: 100 Location: Bored Well At Eden Nurseries Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct 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: 16th August 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (E)	490	2	604050 260350
14	Water Abstractions Operator: Messrs K C & A F Woodward Licence Number: 7/35/08/*g/036 Permit Version: Not Supplied Location: Bored Well At Chilton Hall, STOWMARKET Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 4 Yearly Rate (m3): 14000 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	A9NW (SE)	784	2	604010 259550
15	Water Abstractions Operator: East Suffolk Health Authority Licence Number: 7/35/08/cg/951 Permit Version: Not Supplied Location: Bore At Stow Lodge Hospital, ONEHOUSE Authority: Environment Agency, Anglian Region Abstraction: Private Water Supply (Crown Property / Government Departments) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied 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	A8SW (S)	957	2	603400 259200
16	Water Abstractions Operator: G P Woodward & Son Licence Number: 7/35/08/*g/151 Permit Version: Not Supplied Location: River Dag, Old Newton, OLD NEWTON WITH DAGWORTH, Suffolk Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 0 Yearly Rate (m3): 145000 Details: 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	A19SE (E)	996	2	604500 260595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Water Abstractions</p> <p>Operator: G P Woodward & Son Licence Number: 7/35/08/**/151 Permit Version: Not Supplied Location: Bore At White Hall, OLD NEWTON Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 0 Yearly Rate (m3): 145000 Details: 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 100m</p>	A19SE (E)	998	2	604500 260600
	<p>Water Abstractions</p> <p>Operator: Bosworth Quality Foods Licence Number: 7/35/08/*G/0172 Permit Version: 100 Location: Bore At Bridge Fm,Old Newton 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: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	1131	2	604680 260475
	<p>Water Abstractions</p> <p>Operator: C G Roach Licence Number: 7/35/08/*G/0172 Permit Version: 102 Location: Bore At Bridge Fm,Old Newton 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: Bridge Farm Old Newton Stowmarket Suffolk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1132	2	604680 260480
	<p>Water Abstractions</p> <p>Operator: C G Roach Licence Number: 7/35/08/*G/0172 Permit Version: 102 Location: Bore At Bridge Fm,Old Newton Authority: Environment Agency, Anglian Region Abstraction: Slaughtering: 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: Bridge Farm Old Newton Stowmarket Suffolk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1132	2	604680 260480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Dalehead Foods Ltd Licence Number: 7/35/08/*G/0172 Permit Version: 101 Location: Bore At Bridge Fm,Old Newton 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 November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1132	2	604680 260480
	<p>Water Abstractions</p> <p>Operator: Dalehead Foods Ltd Licence Number: 7/35/08/*G/0172 Permit Version: 101 Location: Bore At Bridge Fm,Old Newton Authority: Environment Agency, Anglian Region Abstraction: Slaughtering: 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: 1st November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1132	2	604680 260480
	<p>Water Abstractions</p> <p>Operator: Bosworth Quality Foods Licence Number: 7/35/08/*G/0172 Permit Version: 100 Location: Bore At Bridge Fm,Old Newton 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 January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	1132	2	604680 260480
	<p>Water Abstractions</p> <p>Operator: Bosworth Quality Foods Licence Number: 7/35/08/*G/0172 Permit Version: 100 Location: Bore At Bridge Fm,Old Newton 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: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	1143	2	604700 260445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: C G Roach Licence Number: 7/35/08/*G/0172 Permit Version: 102 Location: Bore At Bridge Fm,Old Newton 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: Bridge Farm Old Newton Stowmarket Suffolk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1145	2	604700 260450
	<p>Water Abstractions</p> <p>Operator: C G Roach Licence Number: 7/35/08/*G/0172 Permit Version: 102 Location: Bore At Bridge Fm,Old Newton Authority: Environment Agency, Anglian Region Abstraction: Slaughtering: 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: Bridge Farm Old Newton Stowmarket Suffolk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1145	2	604700 260450
	<p>Water Abstractions</p> <p>Operator: Dalehead Foods Ltd Licence Number: 7/35/08/*G/0172 Permit Version: 101 Location: Bore At Bridge Fm,Old Newton 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 November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1145	2	604700 260450
	<p>Water Abstractions</p> <p>Operator: Dalehead Foods Ltd Licence Number: 7/35/08/*G/0172 Permit Version: 101 Location: Bore At Bridge Fm,Old Newton Authority: Environment Agency, Anglian Region Abstraction: Slaughtering: 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: 1st November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1145	2	604700 260450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Bosworth Quality Foods Licence Number: 7/35/08/*G/0172 Permit Version: 100 Location: Bore At Bridge Fm, Old Newton 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 January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	1148	2	604705 260445
	<p>Water Abstractions</p> <p>Operator: G P Woodward & Son Licence Number: 7/35/08/*g/151 Permit Version: Not Supplied Location: River Dag, Old Newton, OLD NEWTON WITH DAGWORTH, Suffolk Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 0 Yearly Rate (m3): 145000 Details: 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>	A19NE (NE)	1193	2	604300 261175
	<p>Water Abstractions</p> <p>Operator: G P Woodward & Son Licence Number: 7/35/08/**/151 Permit Version: Not Supplied Location: Bore At White Hall, OLD NEWTON Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 0 Yearly Rate (m3): 145000 Details: 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 100m</p>	A19NE (NE)	1197	2	604300 261180
	<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>	A2NW (SW)	1262	2	602750 259120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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>	A2NW (SW)	1304	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>	A2NW (SW)	1308	2	602720 259085
	<p>Water Abstractions</p> <p>Operator: Scantruck Ltd Licence Number: 7/35/08/*g/129 Permit Version: Not Supplied Location: Bores At Violet Hill Road, STOWMARKET Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 123 Yearly Rate (m3): 364000 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>	A4NE (SE)	1439	2	604410 259030
	<p>Water Abstractions</p> <p>Operator: G P Woodward & Son Licence Number: 7/35/08/*g/151 Permit Version: Not Supplied Location: Bore, Dagworth Hall, OLD NEWTON WITH DAGWORTH, Suffolk Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 4500 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>	A24NW (NE)	1491	2	604170 261595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: G P Woodward & Son Licence Number: 7/35/08/**/151 Permit Version: Not Supplied Location: Bore , Dagworth Hall, O NEWTON Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 4000 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 100m	A24NW (NE)	1495	2	604170 261600
	Water Abstractions Operator: A W Green & Sons Ltd Licence Number: 7/35/08/*g/002 Permit Version: Not Supplied Location: Well At Crown Street, STOWMARKET Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 4 Yearly Rate (m3): 16000 Details: Glacial Sand and Gravel; 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	A5NE (SE)	1705	2	604920 259150
	Water Abstractions Operator: Advance Laundries (Eastern) Licence Number: 7/35/08/*g/127 Permit Version: Not Supplied Location: Bore At Violet Road, STOWMARKET Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 30 Yearly Rate (m3): 136000 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	A5SW (SE)	1712	2	604600 258830
	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: >90% Patchiness: >10m Thickness: >10m Superficial Recharge: Low	A13NW (SE)	0	4	603518 260197
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (SE)	0	4	603518 260197
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (SE)	0	4	603518 260197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	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.	A13NW (SE)	0	2	603518 260197
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	105	2	603518 260335
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	105	2	603518 260335
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (N)	105	5	603512 260332
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 295.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A13NE (NE)	106	5	603581 260339
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	109	5	603447 260317
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	109	5	603447 260317
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	110	5	603581 260339
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	111	5	603452 260321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	115	5	603593 260342
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (N)	116	5	603472 260329
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	121	5	603449 260331
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 413.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	126	5	603440 260334
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 713.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (W)	139	5	603324 260230
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	150	5	603339 260297
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NW (NW)	153	5	603348 260312
31	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	181	5	603694 260364
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	182	5	603696 260364

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	182	5	603691 260368
34	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	182	5	603691 260368
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	183	5	603693 260368
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	187	5	603690 260376
37	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	190	5	603682 260385
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	197	5	603755 260307
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 377.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (N)	244	5	603589 260473
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A13SE (E)	244	5	603824 260175
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	256	5	603789 260368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	257	5	603793 260363
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	258	5	603794 260364
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	267	5	603802 260368
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 257.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13NE (NE)	278	5	603809 260377
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	424	5	603958 260409
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NE (W)	459	5	603029 260363
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 381.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12NE (W)	461	5	603026 260359
49	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	A12NE (W)	462	5	603030 260377
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SW (NW)	504	5	603189 260633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	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	A14NW (E)	512	5	604060 260390
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	516	5	604034 260464
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	516	5	604034 260464
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A14SW (SE)	523	5	604042 259958
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	527	5	604045 260465
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 540.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14NW (NE)	531	5	604049 260465
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18SW (N)	574	5	603364 260776
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 519.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A14SW (SE)	595	5	604097 259908
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	633	5	603026 259706

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SW (E)	639	5	604172 259963
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	640	5	603019 259703
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NW (N)	706	5	603412 260918
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	710	5	604260 259999
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	735	5	602904 259689
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	743	5	604315 260086
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	767	5	604341 260095
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	767	5	604341 260095
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	781	5	604349 260059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	781	5	604349 260059
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NW (N)	786	5	603483 261014
71	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	A12NW (W)	793	5	602668 260224
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NW (N)	796	5	603406 261009
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	807	5	604377 260069
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	815	5	604346 259923
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	846	5	602781 259667
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A14SE (E)	851	5	604423 260081
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	851	5	604423 260081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	860	5	604401 259946
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	873	5	604417 259951
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	907	5	604487 260156
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	912	5	604463 259971
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	917	5	604498 260160
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 333.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A14SE (E)	920	5	604489 260056
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	922	5	603705 261141
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A14SE (E)	924	5	604504 260162
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A14SE (E)	924	5	604504 260162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	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	A12NW (W)	924	5	602554 260384
88	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	A12NW (W)	928	5	602550 260385
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A18NE (N)	931	5	603705 261150
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A14SE (E)	940	5	604517 260110
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 298.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A19SE (NE)	952	5	604351 260779
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A15NW (E)	955	5	604536 260245
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A15NW (E)	975	5	604557 260205
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 250.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A15NW (E)	994	5	604560 260381

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Licensed Waste Management Facilities (Locations) Licence Number: 70766 Location: Stowmarket H W R C, Old Bury Road, Stowmarket, Suffolk, IP14 1JQ Operator Name: F C C Recycling (U K) Limited Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 25th May 1994 Last Modified: 11th July 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	852	2	604382 259914
	Local Authority Landfill Coverage Name: Suffolk County Council - Has supplied landfill data		0	6	603518 260197
	Local Authority Landfill Coverage Name: Mid Suffolk District Council - Has supplied landfill data		0	3	603518 260197
96	Local Authority Recorded Landfill Sites Location: Stowmarket Reference: Not Supplied Authority: Suffolk County Council Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Unknown Boundary Quality: Not Applicable	A14SE (E)	968	6	604500 259900
97	Registered Waste Transfer Sites Licence Holder: Suffolk Waste Disposal Co Ltd Licence Reference: SFK/TS/044/01 Site Location: Old Bury Road, Stowmarket, Suffolk Operator Location: 2 The Square, Martlesham Heath, IPSWICH, Suffolk, IP5 7SL Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Civic Amenity Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 25th May 1994 Preceded By: 12 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household Waste As S75 Epa '90 Max.Waste Permitted By Licence Prohibited Waste: All Forms Of Asbestos Batteries Clinical Wastes Gas Cylinders Mineral Oils Percussive/Explosive Waste Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.	A14SE (E)	842	2	604370 259910
97	Registered Waste Transfer Sites Licence Holder: Suffolk C.C. Licence Reference: 12 Site Location: Stowmarket Civic Amenity Site, Stowmarket, Suffolk Operator Location: St Edmund House, Rope Walk, IPSWICH, Suffolk, IP4 1NZ Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st July 1977 Preceded By: Not Given Licence: Superseded By: SFK/TS/044/01 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste	A14SE (E)	842	2	604370 259910

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)	A13NW (SE)	0	1	603518 260197
	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	A13NW (SE)	0	1	603518 260197
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	124	1	603499 260344
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	603518 260197
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	124	1	603499 260344
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	603518 260197
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	603518 260197
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	221	1	603610 260446
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	603518 260197
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	124	1	603499 260344
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	603518 260197
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	65	1	603416 260260
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	92	1	603379 260252
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	132	1	603332 260235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	154	1	603518 260000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	235	1	603295 260000
	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	A13NW (SE)	0	1	603518 260197
	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	A13NW (SE)	0	1	603518 260197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Contemporary Trade Directory Entries Name: Clean Dry Location: Tothill Showrooms, Tot Hill, Stowmarket, Suffolk, IP14 3QQ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	267	-	603668 260478
98	Contemporary Trade Directory Entries Name: Tothill Garage Location: Tot Hill, Stowmarket, Suffolk, IP14 3QQ Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	304	-	603694 260508
98	Contemporary Trade Directory Entries Name: Tudorose (Ea) Ltd Location: Tothill Showrooms, Tot Hill, Stowmarket, Suffolk, IP14 3QQ Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	304	-	603694 260508
98	Contemporary Trade Directory Entries Name: Tothill Services Location: Tot Hill, Stowmarket, Suffolk, IP14 3QQ Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	304	-	603694 260508
99	Contemporary Trade Directory Entries Name: B P Service Station Location: Bury Road, Stowmarket, IP14 3QQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	273	-	603729 260453
100	Contemporary Trade Directory Entries Name: Q L C Location: The Becketts, Stowmarket, Suffolk, IP14 1TZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	537	-	603554 259623
101	Contemporary Trade Directory Entries Name: Stowmarket Wood Burning Stoves & Chimney Sweeps Location: 1, Spencer Way, Stowmarket, Suffolk, IP14 1UB Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	657	-	603708 259539
102	Contemporary Trade Directory Entries Name: Sts Autocare Location: Brookfield, Bury Road, Stowmarket, Suffolk, IP14 3QB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	678	-	604203 259935
102	Contemporary Trade Directory Entries Name: Stowmarket Transport Services Location: Brookfield, Bury Road, Stowmarket, Suffolk, IP14 3QB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	678	-	604203 259935
102	Contemporary Trade Directory Entries Name: Brookfield Garage Location: Stowmarket, IP14 3QB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	688	-	604226 259965
103	Contemporary Trade Directory Entries Name: Firebug Pest Control & Falconry Response Location: 61, Spencer Way, Stowmarket, Suffolk, IP14 1UQ Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	818	-	603895 259440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	Fuel Station Entries Name: Tothill Connect Location: Bury Road , Tothill , Stowmarket, Suffolk, IP14 3QQ Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	273	-	603729 260453
105	Gas Pipelines Name: YELVERTON TO STOWMARKET Nat Grid: Owned By National Grid Diameter (mm): 900 Building Proximity: Not Supplied Distance (m): Status: Active Pipe Length (m): 55164.27 Pipe Number: Not Supplied	A18NW (N)	804	7	603471 261030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Ancient Woodland Name: Not Supplied Reference: 1411441 Area(m ²): 291470.92 Type: Ancient and Semi-Natural Woodland	A12NE (W)	612	8	602850 260231
107	Nitrate Vulnerable Zones Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13NW (SE)	0	4	603518 260197
108	Nitrate Vulnerable Zones Name: River Gipping Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (SE)	0	4	603518 260197









Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Mid Suffolk District Council - Environmental Health Department Environment Agency - Head Office	January 2020 June 2020	Annual Rolling Update Annually
Discharge Consents Environment Agency - Anglian Region	January 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	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Mid Suffolk District Council - Environmental Health Department	June 2014	Variable
Local Authority Pollution Prevention and Controls Mid Suffolk District Council - Environmental Health Department	June 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Mid Suffolk District Council - Environmental Health Department	June 2014	Variable
Nearest Surface Water Feature Ordnance Survey	October 2020	
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
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	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	October 2019	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	January 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	January 2021	Quarterly
Local Authority Landfill Coverage Mid Suffolk District Council - Environmental Health Department Suffolk County Council	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Mid Suffolk District Council - Environmental Health Department Suffolk County Council	July 2003 May 2000	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 Mid Suffolk District Council - Planning Department	February 2006 February 2016	Annual Rolling Update Variable
Planning Hazardous Substance Consents Suffolk County Council - Environment and Transport Mid Suffolk District Council - Planning Department	February 2006 February 2016	Annual Rolling Update 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	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	January 2021	
Underground Electrical Cables National Grid	December 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Mid Suffolk District Council - Planning Department	June 2020	As notified
Areas of Unadopted Green Belt Mid Suffolk District Council - Planning Department	June 2020	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	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
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Suffolk County Council St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ	Telephone: 01473 583000 Fax: 01473 230240 Website: www.suffolkcc.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.