

**ENVIRONMENTAL
MANAGEMENT SOLUTIONS**

Phase One Desk Study Report

Manor Oak Homes

Land off Radwinter Road
Saffron Walden
Essex
CB10 2LB

EMS4075a

Environmental
Management Solutions
20th December 2013

Manor Oak Homes

Land off Radwinter Road, Saffron Walden

Phase 1 Desk Study Report

Contents Amendment Record

This report has been issued and amended as follows:

Issue	Revision	Description	Date	Signed
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Contents

1	Introduction.....	4
2	Objectives of the Investigation	4
2.1	Objectives of the investigation	4
2.2	Scope of Work	4
2.3	Management Limitations.....	5
3	Land Use and Setting	6
3.1	Previous Investigation Reports	6
3.2	Current Land Use	6
3.3	Tanks and Associated Structures.....	7
3.4	Services.....	7
3.5	Condition	7
3.6	Surrounding Land Use	7
3.7	Future Land Use.....	8
3.8	Geological Information	8
3.9	Mining.....	8
3.10	Landfills and Infilled Land.....	8
3.11	Hydrogeology.....	8
3.12	Hydrology.....	9
3.13	Ecologically Sensitive Sites.....	9
3.14	Flood Information.....	9
3.15	Consultation with Building Control	9
4	Site History	10
4.1	History of the Site.....	10
5	Conceptual Model.....	11
5.1	Potential Sources.....	11
5.2	Potential Receptors	12
5.3	Potential Pathways	12

5.4	Possible Pollutant Linkages and Preliminary Risk Assessment	13
5.5	Ground Gas Risk Assessment	16
6	Conclusions/Recommendations	17
6.1	Conclusions	17
6.2	Recommendations – Contamination	17
6.3	Recommendations – Geotechnical	17
6.4	Recommendations – Waste	17
6.5	Recommendations – Soakaways	18
	Appendices	18
a)	Site Plans	18
b)	Photographic Record	18
c)	Envirocheck Data	18
d)	Geological Data	18
e)	Correspondence with Building Control	18
f)	Historical Maps	18

1 Introduction

Environmental Management Solutions Limited (EMS) have been instructed by Manor Oak Homes of White Lodge Farm, Walgrave, Northampton, NN6 9PY (the Client) to undertake a phase 1 desk study investigation for their site located to the south of Radwinter Road, Saffron Walden.

The site is located at National Grid Reference 555160 238190 and covers an area of approximately 13.9 hectares. Plans of the site area are included within Appendix A of this report.

The desk study includes review of environmental database information and historical maps provided by Landmark. A site walkover survey has also been undertaken. Relevant pollutant source, pathway and receptor linkages have been considered and a tabular conceptual model has been produced to allow an assessment of the level of risk to each receptor. Recommendations have been given for intrusive investigation of the site.

2 Objectives of the Investigation

2.1 Objectives of the investigation

The objectives of this desk study were:

- to examine whether there have been potentially contaminative land uses on the site or on nearby land;
- to characterise the site in terms of potential contaminative sources, potential exposure pathways and potential receptors and develop an initial conceptual model of the site to identify plausible pollutant linkages;
- to establish whether or not there are potentially unacceptable risks associated with soil and groundwater contamination; and
- to gain preliminary geotechnical data on the site prior to an intrusive investigation.

2.2 Scope of Work

The scope of work was developed in accordance with the Environment Agency and Department for Environment Food and Rural Affairs (DEFRA) document '*Model Procedures for the Management of Land Contamination*' Contaminated Land Report (CLR) 11, dated 2004.

2.3 Management Limitations

- The report has been prepared under the express instructions and solely for the use of the Client and the Client's design team.
- The findings of this report represent the professional opinion of experienced contaminated land consultants. EMS does not provide legal advice and the advice of lawyers may also be required.
- All work carried out in preparing this report has utilised and is based upon EMS's current professional knowledge and understanding of current relevant UK standards and codes, technology and legislation. Changes in this legislation and guidance may occur at any time in the future and cause any conclusions to become inappropriate or incorrect. EMS does not accept responsibility for advising the Client or other interested parties of the facts or implications of any such changes.
- The report is limited to the site boundaries identified by the Client and confirmed within this report.
- The extent of the investigation was designed in-line with the Client's budget, which is considered suitable, and not limiting, for the proposed development.
- This report represents the conditions and findings on the date of desk study. Over time, site conditions may alter.

3 Land Use and Setting

3.1 Previous Investigation Reports

No previous investigation reports relating to the site have been identified.

3.2 Current Land Use

A site walkover survey was undertaken by an EMS Geo-Environmental Engineer on 10th December 2013. It is recommended that reference is made to Appendix A (site plans) which show the general layout of the site.

The site is irregular in shape, measuring some 550 m in maximum length by 300 m in maximum width.

The sites comprises parts of four fields, and a complete field. For the purposes of this description, the fields which make up the site area have been named field A, field B, field C, field D, and field E, as noted on a plan included in Appendix A.

The site was accessed via a macadam surfaced private road which runs south from Radwinter Road, along the eastern and southern edges of Field B, and between Fields A and D. A spur of this road also runs east between Fields C and D to a farm located to the east of the site.

Field A is a large arable field which appeared to have been recently sown, and to contain a newly emerging crop. The site covers a large northern portion of this field. Overhead electricity cables on wooden posts cross the field from east to west. An unofficial footpath runs across the north-western corner of the field from an industrial estate (situated to the west of the site) to a Tesco superstore (situated to the north of the site). Topographic levels in this field slope generally downwards from south to north and from east to west.

Field B is a paddock which is entirely contained within the boundaries of the site. Manhole covers were noted in the north of the field. Field B slopes downwards from south to north.

Field C is a small grass field used for the grazing of sheep. Only the western half of Field C is within the site boundaries. Two small stands of trees are situated in the western part of the field.

Field D is a further arable field with newly emerging crop. The same overhead electricity lines which run through Field A also run through Field D. The northern three-quarters of Field D are contained within the site boundary. Field D slopes downwards from south to north.

Field E is another arable field with newly emerging crop. The same overhead electricity lines which run through Fields A and D also run through Field E. Only the north-western half of Field E is contained within the site boundary. Field E slopes downwards from south to north. A pair of horse jumps was situated in a strip of fallow land at the west of the field.

Various hedgerows, including mature trees are present at the edges of the fields. The private road running through the site is bounded by a combination of wooden fences and hedgerows.

No sign of contamination or potential sources of contamination was noted within the boundaries of the site.

Photographs of the site are included as Appendix B.

3.3 Tanks and Associated Structures

No tanks or evidence of former tanks was noted within the site itself, but a small disused metal above ground storage tank was noted attached to a disused farm building immediately outside the site, at the south-eastern corner of Field C.

A further tank was identified to the immediate west of Field C, associated with the Wild Hedges residential property. This tank appeared to be a modern plastic above ground heating oil storage tank.

3.4 Services

No information on underground services has been obtained as part of this investigation.

3.5 Condition

No sign of vegetation distress or other potential sign of soil contamination was noted at the site.

3.6 Surrounding Land Use

A large Tesco superstore is located immediately to the north of Field A, and the west of Field B. The superstore complex contains a fuel sales station which is situated close to the north-western corner of Field B.

Radwinter Road runs immediately to the north of Fields B and C. On the opposite side of Radwinter Road a series of disused industrial buildings are present. At the back (north) of these buildings a white chalk face is visible.

A large detached house with substantial rear garden is located between Field B and Field C. A heating oil storage tank was identified adjacent to the house, as described in section 3.3.

Turnip Hall Farm is situated to the immediate east of the southern part of Field C and the northern part of Field E. The farm comprises a number of buildings and associated yards. A derelict mill type building is located at the west of the complex and a disused above ground tank was noted to be attached to this building (as described in section 3.3).

The southern part of the site boundary abuts further arable land.

A large industrial estate containing a number of warehouses and works buildings is situated to the west of Field A. A housing estate is situated to the north of the northern tip of Field A.

The contemporary trade directory included within the Envirocheck report (Appendix C) lists twenty-five businesses within 100 m of the site. These include a medical services company, an electronic equipment manufacturers, a pump manufacturers, a sheet metal work company, a meat wholesaler, a car kit assemblers, a telecommunications equipment and systems company, a garage services company (44 m to the west), a precision engineers, more than one printing company, a printed circuit manufacturers, a precision engineers, a commercial cleaning services company, an electric motor sales

and service company, an officer furniture and equipment company and a further garage services company.

There is a single fuel station recorded within 250 m of the site. This is the fuel station at the Tesco superstore, listed as 30 m north of the site.

3.7 Future Land Use

The construction of a large development predominantly comprising low rise housing is proposed. The development will also feature care homes for the elderly, commercial properties, and possibly a school.

3.8 Geological Information

BGS 1:50,000 scale geological mapping (included as Appendix D) indicates the majority site to be free of significant superficial deposits. Diamicton (boulder clay) is marked in the far south-west, at the top of the slope. Head, associated with the valley base, is marked in the far north-east of the site.

The entire site is marked as being underlain by "solid" deposits comprising the Lewes Nodular Chalk Formation and Seaford Chalk Formation (undifferentiated) of Cretaceous age.

The site is not considered hazardous for compressible ground. The potential for collapsible ground, landslide, running sand, and shrinking/swelling clay stability hazards has been classified as very low. The potential for ground dissolution stability hazard has been classified as low.

No radon protective measures are necessary within new dwellings or extensions at the site.

3.9 Mining

The site is not within an area affected by coal mining.

There are two BGS recorded mineral sites within 500 m of the site. The closest of these (Turnip Hall Chalk Pit) is located 55 m north-east of the site. Its status is recorded as ceased. The other BGS recorded mineral site is Saffron Walden cement works (an opencast chalk pit) located 490 m to the south of the site.

3.10 Landfills and Infilled Land

The Envirocheck database records a single landfill within 500 m of the site. This is the Shire Hill Landfill which is located 344 m to the south-east of the site and is listed as a historical landfill site, a local authority recorded landfill site, and a registered landfill site. All three records record the site as closed and it appears to have operated in the early 1990's. The Environment Agency's website indicates that this landfill contains inert waste.

3.11 Hydrogeology

The Chalk which directly underlies the site is classified as a Principal Aquifer. The Diamicton (in the south of the site) is classified as Unproductive Strata and the Head (in the north of the site) is classified as a Secondary Aquifer (Undifferentiated).

3.12 Hydrology

The closest surface water body identified by the Envirocheck mapping is a drain just one metre north of Field C. It is suspected that this is culverted beneath Radwinter Road (or possibly beneath Field B, where inspection covers have been identified) before joining the River Slade, which is located approximately 250 m to the north of the site.

The closest recorded water abstraction to the site is located 66 m to the north and relates to the abstraction of groundwater for spray irrigation. A number of further similar abstractions and abstractions for industrial use are located in the 200 m surrounding the site. There are no abstractions for general public potable supply listed within 1000 m of the site.

The site is within a Zone II (outer protection zone) Source Protection Zone.

3.13 Ecologically Sensitive Sites

The site is within a nitrate vulnerable zone.

3.14 Flood Information

The EA flood mapping service does not indicate the site to be in an area at particular risk of flooding.

3.15 Consultation with Building Control

Aware of the possibility of ground stability issues relating to chalk solution features, EMS has consulted Uttlesford Council's Building Control Department to obtain their local knowledge of ground conditions. A copy of the correspondence with Building Control is included as Appendix E. The Building Control officer indicated that ground conditions comprising chalk, with the possibility of clay in the low areas should be expected and that he was not aware of any mining or other activities in the area.

4 Site History

4.1 History of the Site

The history of the site has been surmised from historical maps which are included as Appendix F.

The earliest map edition obtained is dated 1877. The site is located in fields to the east of the town of Saffron Walden. No development is evident within the site itself. A railway on an embankment runs along a short section of the north-eastern site boundary. A workhouse and a cemetery are located in the area to the north of the site. Radwinter Road runs along part of the northern site boundary. A chalk pit is marked to the north of Radwinter Road, approximately 20 m to the north of the site. This is the location of the present day chalk cliff, visible during the site walkover survey. A complex of buildings labelled Turnip Hall is located 20 m to the east of Field C. A farm/house type complex with courtyard is located 20 m to the west of the southern part of the site. A brick field and clay pit are evident 350 m to the south-east of the site, adjacent to a small watercourse and a road.

The 1897 map edition shows the clay pit 350 m to the south-east of the site to now be marked as an old clay pit. The brickfield is no longer indicated.

The 1921 map edition shows glasshouses and nurseries to have been constructed to the north of the railway line, some 20 m north-west of the site. A large tank is shown on the western boundary of the southern part of the site. This is situated immediately upslope of an area labelled as nurseries, suggesting that it may be a water tank involved in the irrigation of the nurseries.

The 1960 map edition shows Wild Hedges (the house between Field B and Field C) to have been constructed. Turnip Hall Farm (formerly Turnip Hall) has been extended right up to the eastern site boundary. A track is marked running through the centre of the site to Shire Hill Farm, some 200 m to the south.

The 1970 map edition shows the railway to the north of the site to have been dismantled. A warehouse has been built to the north of Radwinter Road. Warehouses and works buildings have been constructed to the west of the site. A small tank is positioned on the western site boundary, remote from any other structures, suggesting that it may be a water tank. A depot including several tanks has been constructed in the base of the old chalk pit to the north of Radwinter Road. A track has been constructed from Turnip Hall Farm past fields C and E, to field D. Further works buildings have been constructed in the area to the west of the site, with housing present to the south-west.

The 1982/3 map editions show a road of the industrial estate to the west of the site to have been extended right up to the site boundary, although no buildings have yet been constructed. The large tank on the western boundary of the southern part of the site has been removed. Further works and factory buildings have been constructed right up to the site boundary at this point.

The 1989 map edition no longer marks the small tank on the western boundary of the site.

The 1993 map edition shows the Tesco superstore to have been constructed immediately to the north of the site. A track has now been constructed running from Radwinter Road to the southern site boundary, between Field A and Field D.

No significant changes to the site or immediate surrounding area are evident up to the present day. The site has remained fields throughout each of the map editions. The only development identified inside the site boundaries is tracks/private access roads although a large amount of industrial development has occurred close to the site boundaries.

5 Conceptual Model

5.1 Potential Sources

Historical maps and the site walkover have indicated the site to comprise agricultural land. No development other than the construction of tracks and private farm access roads has occurred within the site boundaries. The surrounding land comprises a mixture of farmland, farms, residential properties and industrial estates. A Tesco superstore with fuel station is located immediately to the north of the site. Two small above ground fuel storage tanks have been identified close to Field C.

The closest identified landfill to the site is located 344 m to the south-east of the site and appears to have been filled with inert material. A chalk pit close to the northern site boundary appears not to have been backfilled.

The potential source areas and contaminants of concern have been selected on the basis of the identified current and historical on- and off- site sources in the general vicinity of the site and are presented in the following tables.

Potential Source Area On-Site	Potential Contaminant of Concern
Possible made ground associated with nearby construction and industrial estates.	No particular contaminants identified. A screening suite including PAH, metals and TPH is suggested – to be reviewed on visual inspection of soils.
Farmland	Pesticides

The likelihood of made ground from construction of nearby constructions sites having entered the fields is considered relatively low.

Potential Source Area Off-Site	Potential Contaminant of Concern
Nearby landfills	Methane, carbon dioxide
Tesco fuel station	Petrol and diesel
Industries within the adjacent industrial estates	Mobile organic contaminants
A small domestic heating oil tank in Wild Hedges, close to Field C	Heating oil
A disused above ground storage tank on a derelict building south-east of Field C	Unknown, likely heating oil

The likelihood of contamination from these sources migrating into the upper layers of soil at the site is considered relatively low, although deep groundwater may be impacted if significant leakage had occurred at the fuel station.

5.2 Potential Receptors

Human Health:

The construction of low rise residential properties is proposed for the majority of the site. This is considered the most sensitive proposed land use. The residential properties will have gardens in which residents may grow vegetables for their own consumption. Residents of the site will be exposed to soils.

Construction workers will be exposed to soils during redevelopment.

Controlled Waters:

The Chalk which directly underlies the vast majority of the site, is classified as a Principal Aquifer.

The closest surface water body identified by the Envirocheck mapping is a drain just one metre north of Field C. It is suspected that this is culverted beneath Radwinter Road (and possibly the northern end of Field B) before joining the River Slade, which is located approximately 250 m to the north of the site.

The closest recorded water abstraction to the site is located 66 m to the north and relates to the abstraction of groundwater for spray irrigation. A number of further similar abstractions and abstractions for industrial use are located in the 200 m surrounding the site. There are no abstractions for general public potable supply listed within 1000 m of the site.

The site is within a Zone II (outer protection zone) Source Protection Zone.

Sensitive Sites:

The site is within a nitrate vulnerable zone.

Buildings:

Buried structures associated with proposed buildings are considered to be a receptor to attack from potential chemical agents, in particular sulphates and acids, within the soils and groundwater. Buildings may be considered receptors for bulk ground gases, including methane explosion.

5.3 Potential Pathways

The following pathways should be considered as methods of contamination transfer to receptors:

- 1) Intake of contamination, ingestion, inhalation, or direct contact of soils: Construction workers, and residents of the site may be at risk from these pathways.
- 2) Intake of contamination, inhalation: A pathway of migration of bulk ground gases and volatile organic contaminants through permeable natural or manmade materials or preferential pathways onto the site from on site and off site sources is considered to be potentially active.
- 3) Uptake: Plants may uptake the contamination from the soil and concentrate it within their systems leading to a direct toxic effect on the plant. Due to the presence of gardens this pathway will be active on the site following redevelopment. In addition uptake of contaminants by plants which are subsequently consumed by residents is considered to be a potentially active pathway.
- 4) Future construction works: Foundation excavation, construction vehicles and workmen all form pathways for disturbance and transfer of contamination. For example, mixing of contaminated surface strata during foundation construction or boring activities. Air borne dispersion of dust requires particular consideration during construction works during dry spells.
- 5) Buildings: Certain chemical agents, predominantly sulphates, acids and hydrocarbons present within made ground and contaminated waters under the

site, may be destructive to buried concrete. The chemical attack of buried services and pipe work associated with new buildings is also considered to be an active pathway.

- 6) Leaching of contamination – vertically: A pathway of vertical leaching to the underlying Principal Aquifer may be active. .
- 7) Movement of contamination – horizontally: Migration of possible perched groundwater potentially impacted by contaminants at shallow depths from on-site sources through shallow permeable deposits, or via preferential pathways, is considered to be potentially active. Pathways to future site residents via inhalation of indoor and outdoor air originating from a potentially impacted shallow perched groundwater source are also considered to be potentially active.

5.4 Possible Pollutant Linkages and Preliminary Risk Assessment

The preliminary risk assessment is designed to assess the risks from all pollutant linkages identified by the Phase I Investigation. An explanatory risk matrix has been developed within the document 'Guidelines for Environmental Risk Assessment and Management' (DETR and EA 2000). This matrix is shown below:

Consequence	<i>Severe</i>	<i>Moderate</i>	<i>Mild</i>	<i>Negligible</i>
Probability				
<i>High</i>	High	High	Medium/Low	Near Zero
<i>Medium</i>	High	Medium	Low	Near Zero
<i>Low</i>	High/Medium	Medium/Low	Low	Near Zero
<i>Negligible</i>	High/Medium/Low	Medium/Low	Low	Near Zero

A tabular conceptual model is detailed below. In some cases the risk level is considered medium. This is due to the limited information which can be provided by a desk study alone, thus worst case scenarios are assumed until evidence is provided to show otherwise.

Contaminant	Pathway	Receptor	Risk
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Direct contact, dust inhalation and ingestion of soil	Future residents	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Direct contact, inhalation and ingestion of soil	Construction workers	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Uptake of contaminants via home-grown plant produce.	Future residents	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Plant uptake.	Vegetation	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.

Contaminant	Pathway	Receptor	Risk
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Direct contact	Structures and services.	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Heavy metals and inorganics within upper strata; principally Made Ground and topsoil.	Horizontal and vertical migration	The underlying chalk Principal Aquifer	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Heavy metals and inorganics within upper strata, principally Made Ground and topsoil.	Horizontal and vertical migration	Nearest surface water body. A drain feeding the River Slade.	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Direct contact, dust inhalation and ingestion	Future residents	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Direct contact, inhalation and ingestion	Construction workers	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Uptake of contaminants via home-grown plant produce.	Future residents	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Plant uptake.	Vegetation	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Direct contact	Structures and services.	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.

Contaminant	Pathway	Receptor	Risk
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Volatile inhalation	Future residents	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Horizontal and vertical migration	The underlying chalk Principal Aquifer	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Polycyclic aromatic hydrocarbons, phenol, aromatic and aliphatic hydrocarbons within upper strata; principally Made Ground and topsoil.	Horizontal and vertical migration	Nearest surface water body. A drain feeding the River Slade.	Low No significant potential sources of contamination have been identified. This should be confirmed by intrusive investigation.
Sulphates from Made Ground and natural soils beneath site	Direct contact	Concrete structures and water pipes	Medium – Concrete structures and pipes may be at risk from sulphate attack and may cause premature foundation failure. Sulphates may occur naturally in the soils.
Aggressive pH from Made Ground beneath site	Direct contact	Concrete structures and water pipes	Medium – Concrete structures and pipes may be at risk from aggressive ground conditions and may cause premature foundation failure.
Pesticides from farming use	Direct contact, dust inhalation and ingestion of soil	Future residents	Low – it is unusual for significantly elevated pesticide concentrations to be detected in farm soils.

5.5 Ground Gas Risk Assessment

Source	Pollutant	Receptors	Pathway	Hazard Severity	Likelihood	Risk
General Made Ground beneath the site	CO ₂ Possibly methane if extensive organic material present	Human health and structures	Migration, volatilisation into indoor and outdoor air space and accumulation. Ground gas release from Made Ground tends to lack driving force.	Effect on human health (severe) Effect on structures (severe)	Likely LOW. There is no reason to suspect the presence of a substantial thickness of organic Made Ground within the site boundaries. However, no conclusive information on the nature of the soils present is available.	LOW To be confirmed by intrusive ground investigation.
The Shire Hill landfill (344 m from the site)	CO ₂ Possibly methane if extensive organic material present	Human health and structures	Migration, volatilisation into indoor and outdoor air space and accumulation.	Effect on human health (severe) Effect on structures (severe)	LOW. The landfill is a significant distance from the site and is thought to contain inert material.	LOW
The former chalk pit approximately 20 m to the north of the site.	CO ₂ Possibly methane if extensive organic material present	Human health and structures	Migration, volatilisation into indoor and outdoor air space and accumulation.	Effect on human health (severe) Effect on structures (severe)	LOW. The pit appears to have been cut into the side of the hill. It does not appear to have been backfilled.	LOW
Natural carbonate soils (chalk)	CO ₂	Human health and structures	Migration, volatilisation into indoor and outdoor air space and accumulation. Ground gas release from natural chalk soils lacks driving force.	Effect on human health (severe) Effect on structures (severe)	LOW. Chalk soils only generate small volumes of carbon dioxide. Gas monitoring not required as described in CL:AIRE Research Bulletin 17.	LOW

6 Conclusions/Recommendations

6.1 Conclusions

The desk study suggests that the site has never been developed and has remained arable land since throughout all historical map editions reviewed. There is a low level of risk of contaminants migrating from adjacent industrial estate sites and a Tesco fuel station.

Based on the desk study information it seems likely that conventional strip foundations will be suitable at the site, with ground bearing floor slabs suitable across much of the site if desired by the developer.

6.2 Recommendations – Contamination

Based on the findings of the desk study, EMS considers that an intrusive investigation should be undertaken prior to development. This investigation should include the examination of soils and testing of samples of Made Ground (if present) and topsoil to provide site specific information on contamination levels. Investigation by machine excavated trial pit is considered the most suitable means to collect this information as it will allow good bulk inspection of the soils present. In particular, trial pits should be excavated close to the off-site potential areas of concern identified by the desk study.

If the preliminary investigation highlights concerns regarding the levels and distribution of contamination beneath the site it is possible that further investigation and/or remedial measures may be required. Based on the data obtained within the desk study, this scenario is considered unlikely.

It is recommended that this report is passed to the relevant local authority's contaminated land officer at the earliest possible opportunity in order to obtain their feedback and local knowledge.

6.3 Recommendations – Geotechnical

Based on the findings of the desk study, EMS considers that an intrusive investigation utilising machine excavated trial pits will be the most suitable way of obtaining the necessary geotechnical information. As the site is underlain by the Chalk, particular attention should be paid to the possibility of solution features being present within the soil.

6.4 Recommendations – Waste

If hardcore and soil waste is to be removed from site it may require Waste Acceptance Classification (WAC) testing prior to removal by a fully licensed waste carrier to a suitably licensed facility. WAC sampling and analysis has an extended turnaround time due to the test methods required by the guidance; a minimum of three weeks should be included in development timescales to allow for WAC results to be obtained. If materials are to be re-used on site, this must be undertaken in accordance with all current waste and re-use (WRAP) guidance.

A site waste management plan may be required for the site. Details on this can be found at <https://www.gov.uk/site-waste-construction-plans>.

6.5 Recommendations – Soakaways

The desk study information suggests that use of soakaway drainage at the site is a possibility. The upper layers of chalk are likely to be weathered to a clay/silt material. Deeper chalk is expected to be more blocky in nature and to have a higher permeability.

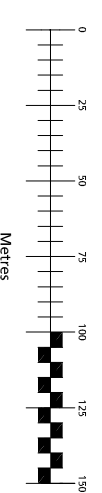
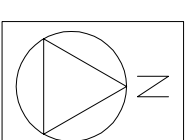
It is possible that deep excavated soakaways may be suitable, or if this is not the case then it is likely that use of deep bored soakaways may be appropriate. Further consideration should be given to this matter once the nature of the soils has been confirmed by intrusive investigation.

Appendices

- a) Site Plans**
- b) Photographic Record**
- c) Envirocheck Data**
- d) Geological Data**
- e) Correspondence with Building Control**
- f) Historical Maps**

Appendix A – Site Plans

Notes:



REVISION	DATE	AMENDMENT
A	20/05/13	FIRST ISSUE

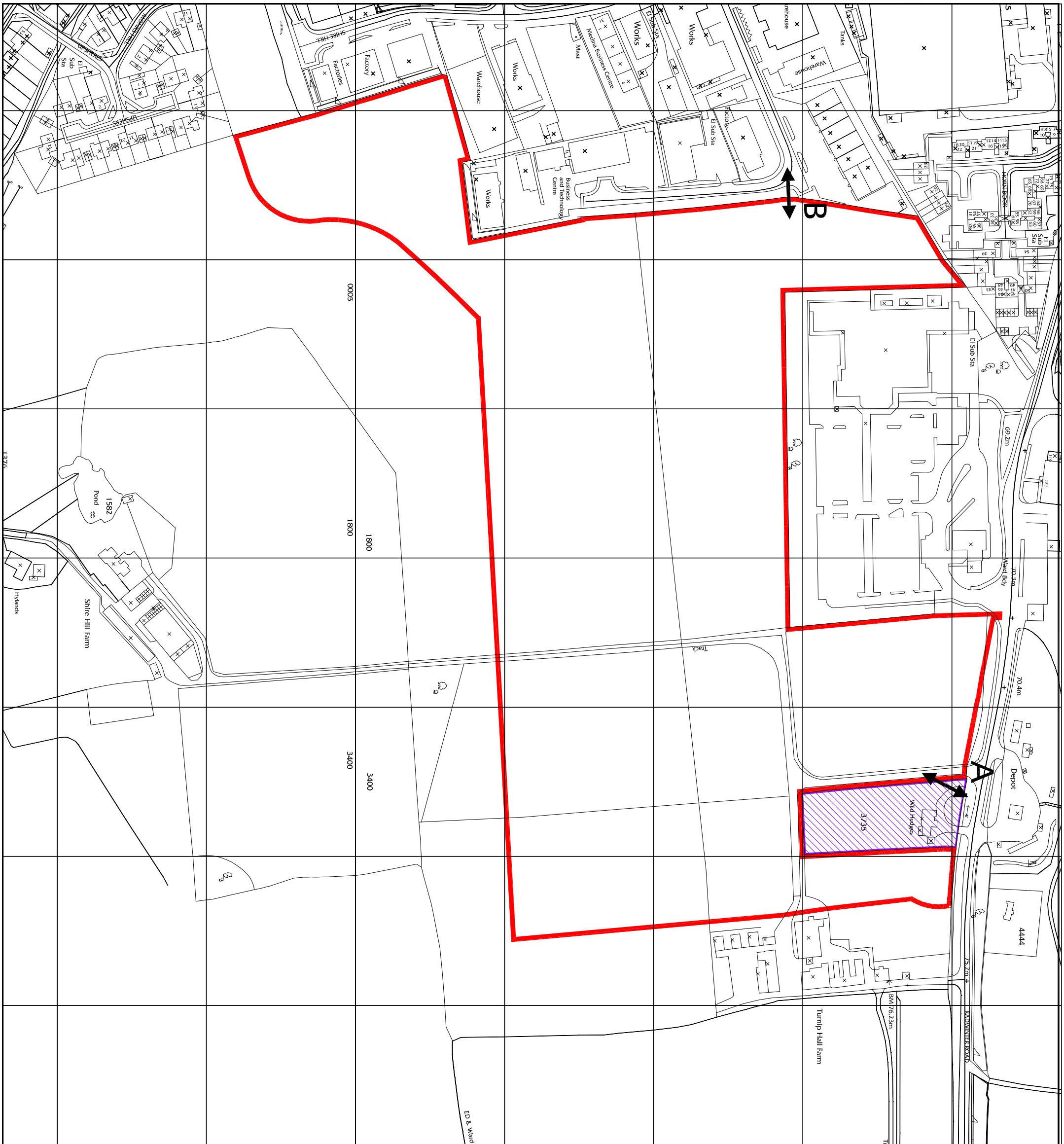
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 AGRICULTURAL • COMMERCIAL • RESIDENTIAL

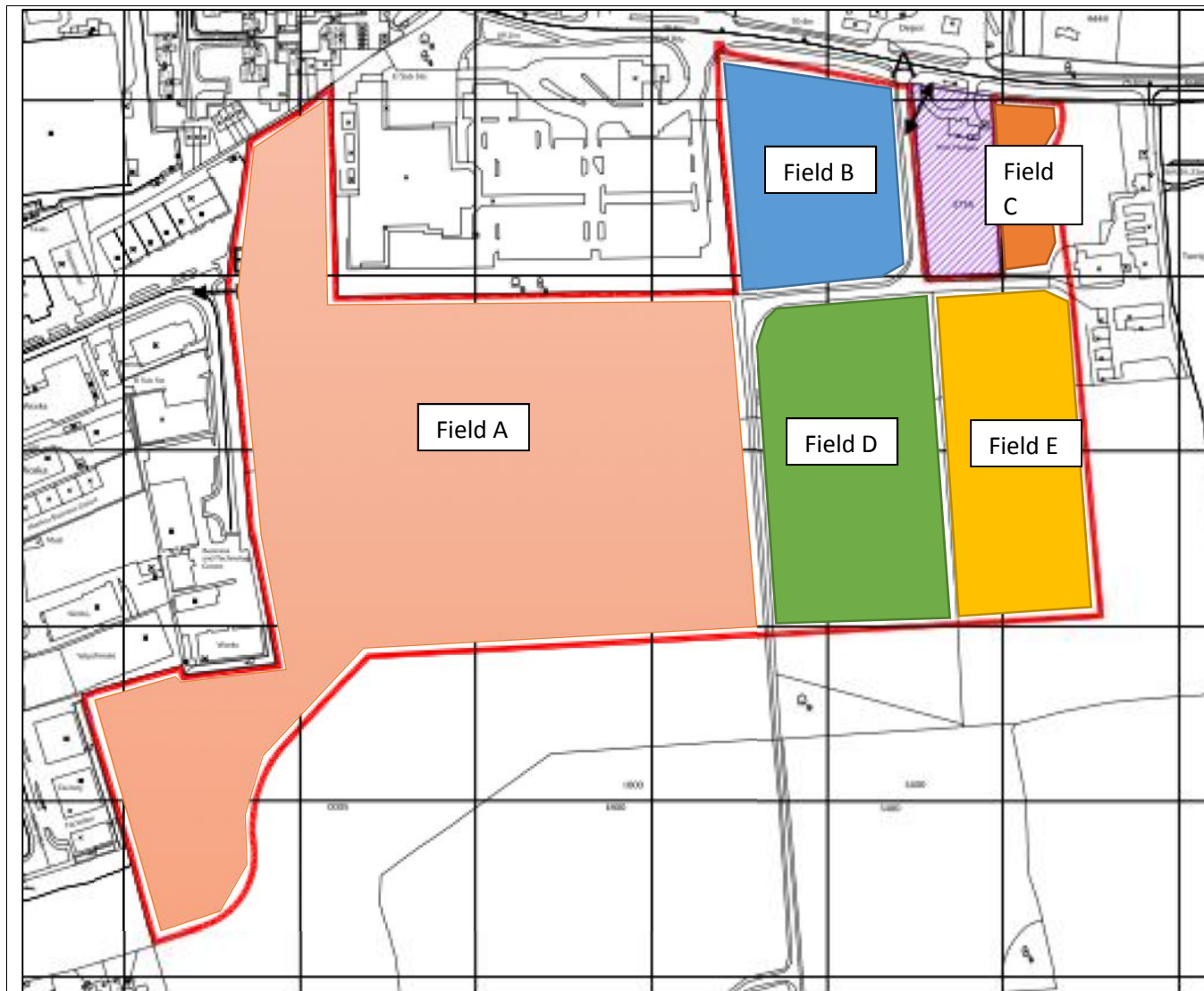
SCHEME:
**LAND EAST OF
 SAFFRON WALDEN**

TITLE:
**SITE
 PLAN**

PAPER SIZE	SCALE	DRAWING NO.	REGION
A3L	1:2500	211040DWG010	A
CLIENT NO.	DRAWN BY	CHECKED BY	DATE
ENG626	CAK	AAH	20/05/13

NOTES:
 RURAL CHARTERED SURVEYORS - Agricultural Commercial Residential
 THE GATEHOUSE, HADHAM HALL, LITTLE HADHAM, WARE, HERTS SG11 2EB
 Phone (01279) 771188 Fax (01279) 771187 E-mail post@sworders-agri.co.uk
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**ENVIRONMENTAL
MANAGEMENT SOLUTIONS**

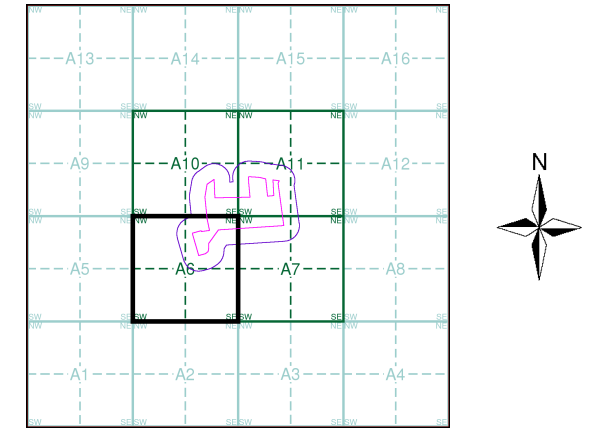
Project Number: EMS4075

Site: Land off Radwinter Road, Saffron
Walden

Drawing Title: Plan showing field names

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
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 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A6

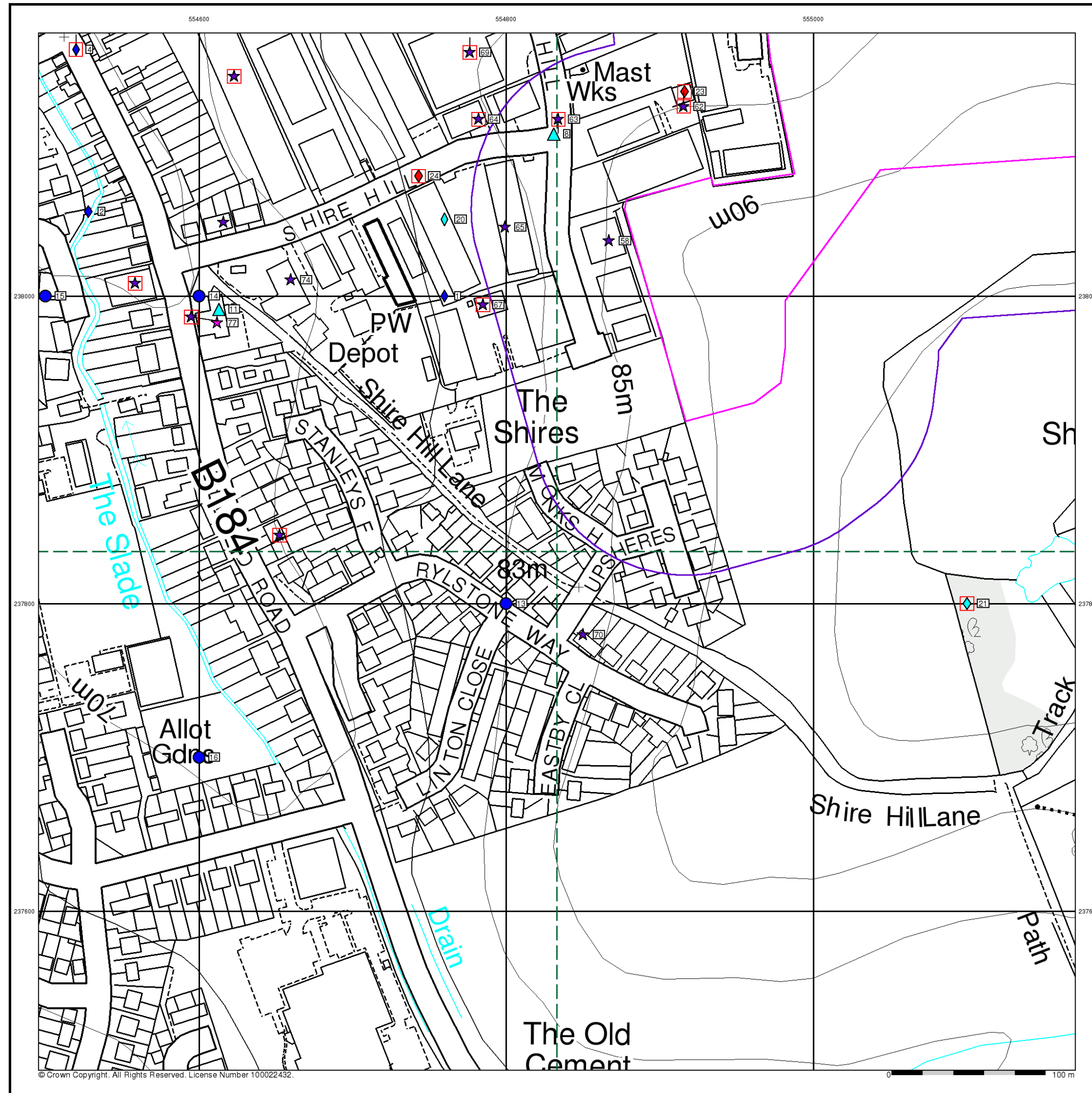


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44

Site Details

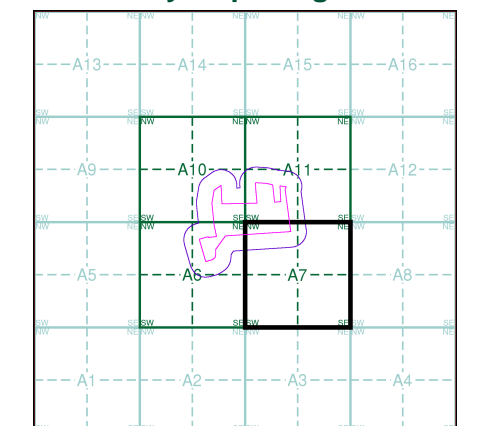
Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
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 - Water Industry Act Referral
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 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A7



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44

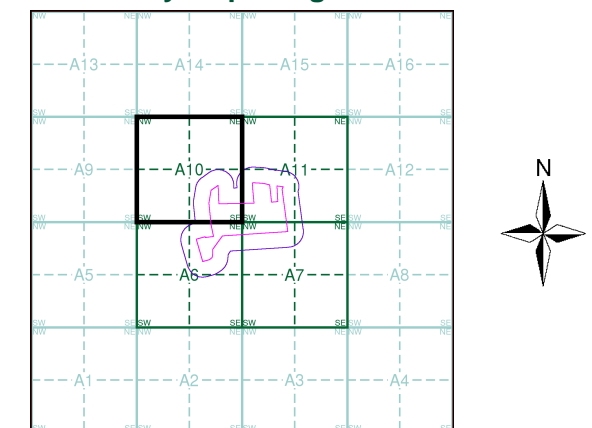
Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
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 - Local Authority Integrated Pollution Prevention and Control
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 - Prosecution Relating to Controlled Waters
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 - Water Industry Act Referral
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 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A10

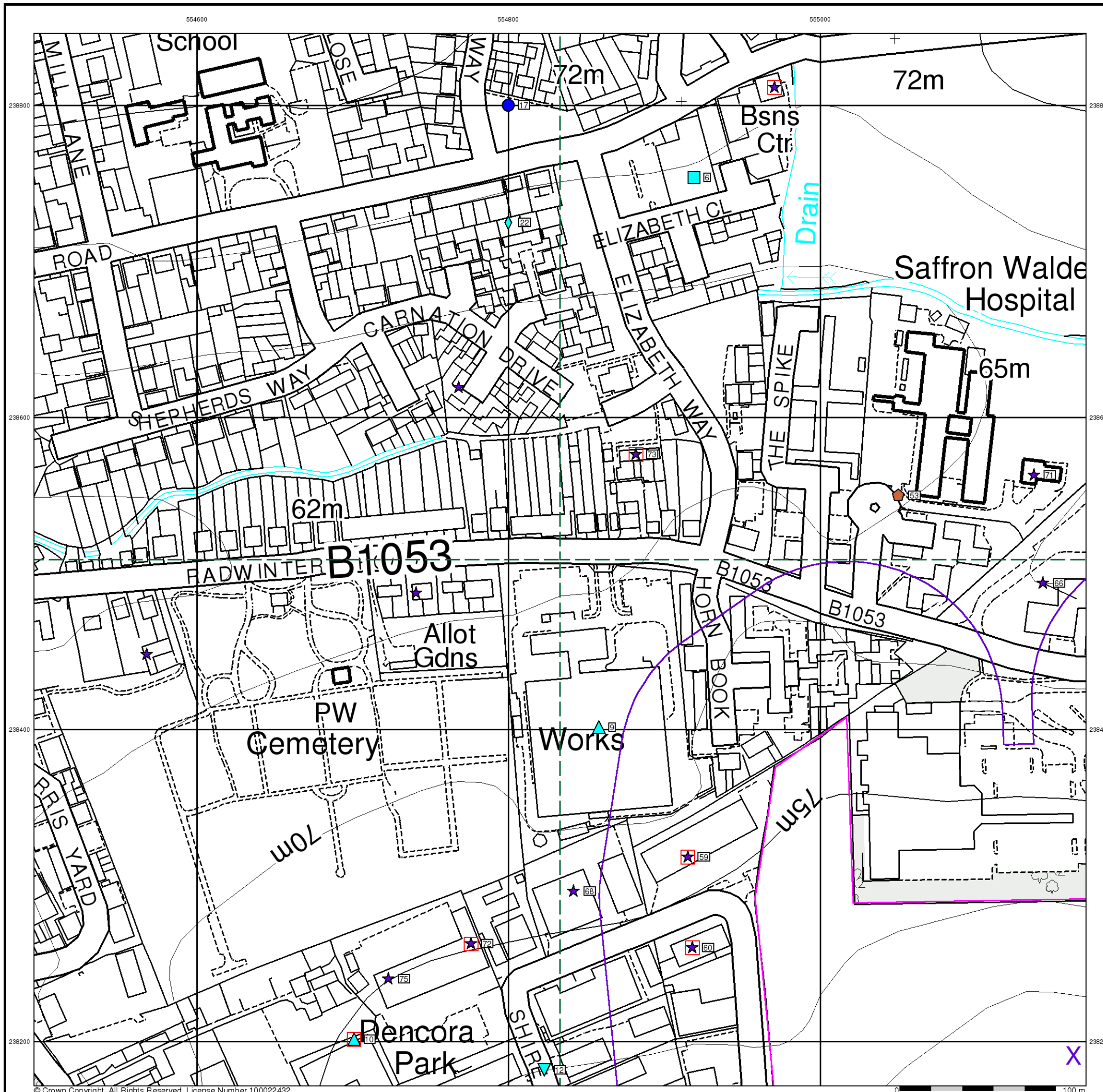


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44

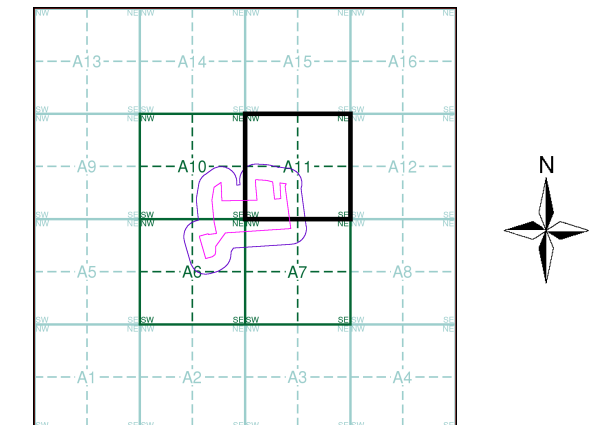
Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
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 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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 - Prosecution Relating to Authorised Processes
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 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
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 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A11

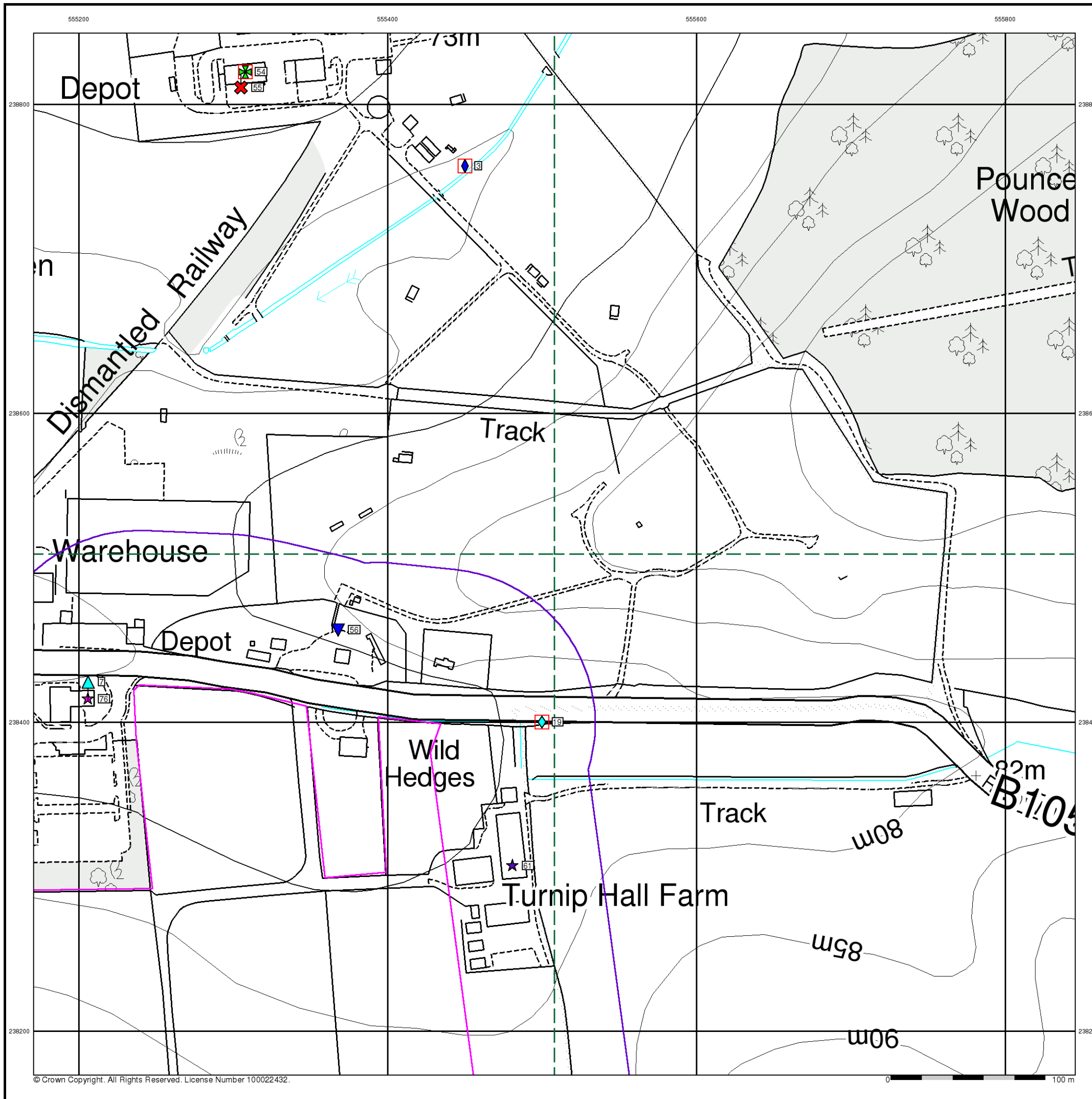


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44

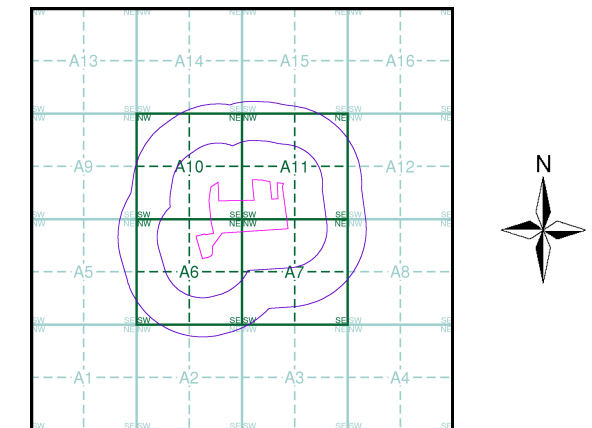
Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
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- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
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 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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 - Substantiated Pollution Incident Register
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 - Water Industry Act Referral
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 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A

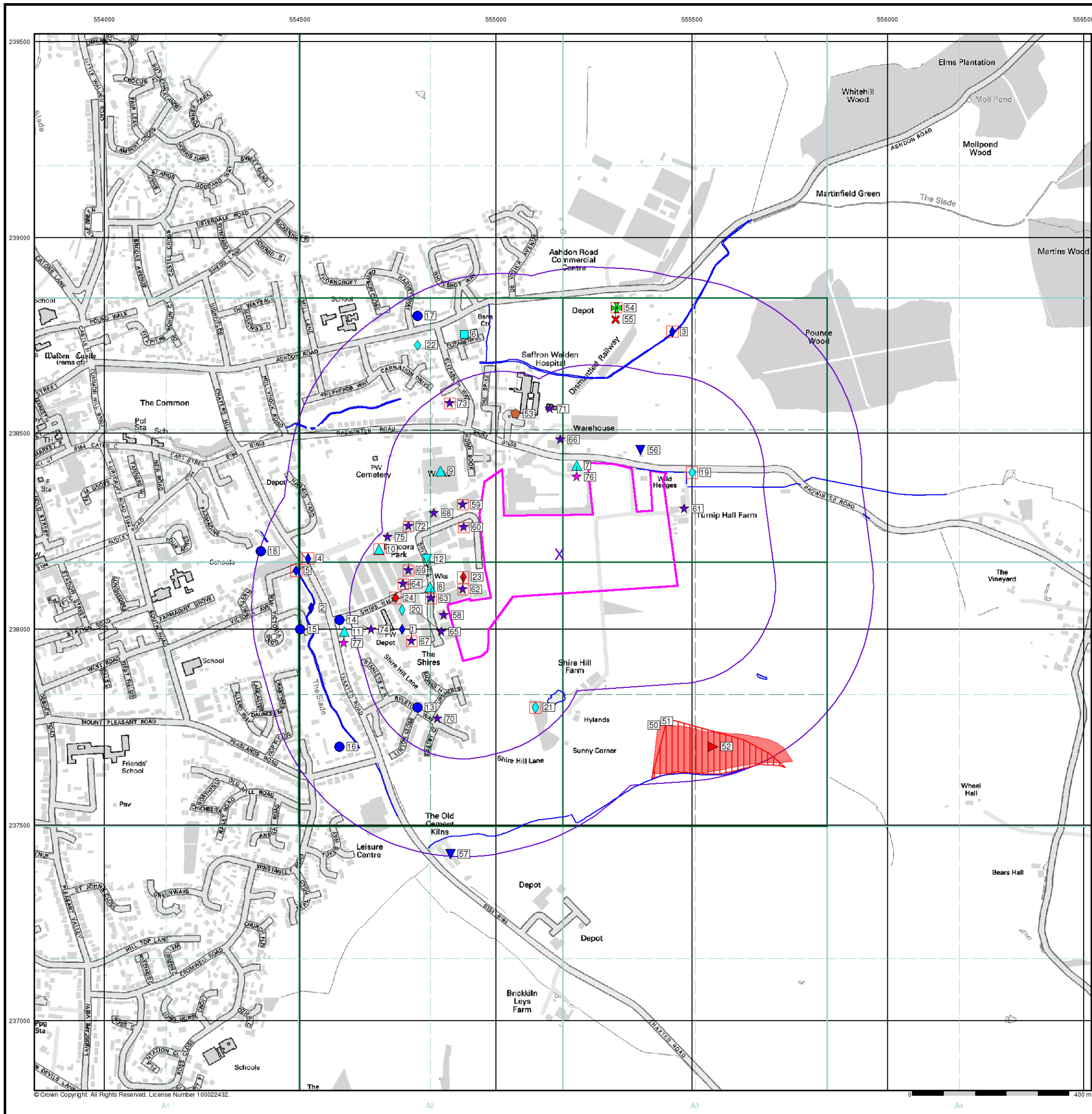


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB








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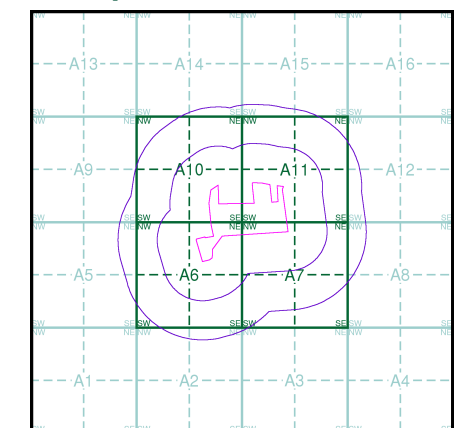
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice A



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500






Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB








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General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Map ID
-  Several of Type at Location

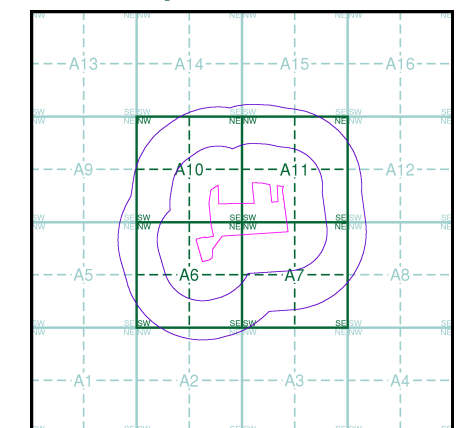
Agency and Hydrological (Boreholes)

-  BGS Borehole Depth 0 - 10m
-  BGS Borehole Depth 10 - 30m
-  BGS Borehole Depth 30m +
-  Confidential
-  Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

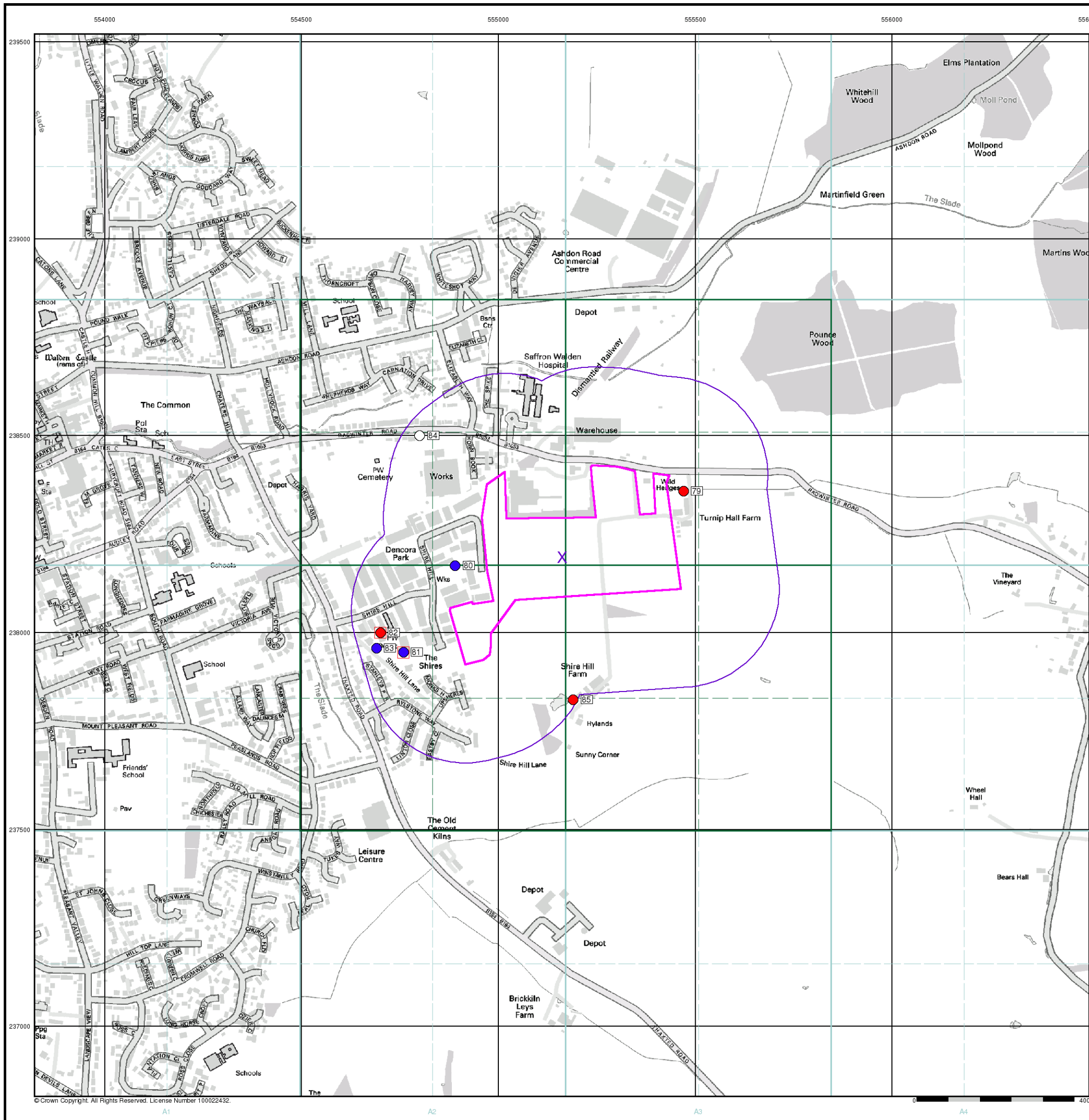


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500





Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB

















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General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Map ID

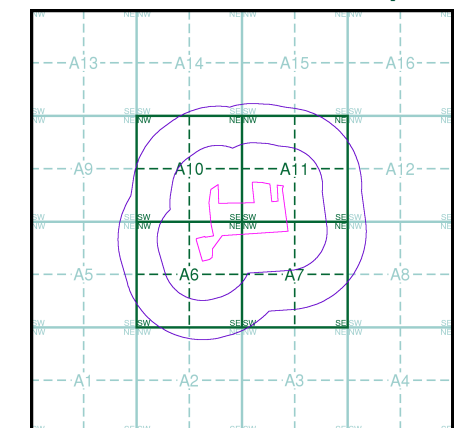
EA Detailed River Network Data

- | | |
|--|---|
|  Primary River |  Extended Culvert (greater than 50m) |
|  Secondary River |  Underground River (inferred) |
|  Tertiary River |  Underground River (local knowledge) |
|  Canal |  Downstream of High Water Mark |
|  Canal Tunnel |  Downstream of Seaward Extension |
|  Undefined River |  Not assigned River feature |
|  Lake/Reservoir | |
|  Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour  105
- Index Contour  100
-  167.3 Spot Height
-  45.8 Air Height

EA Detailed River Network Map - Slice A

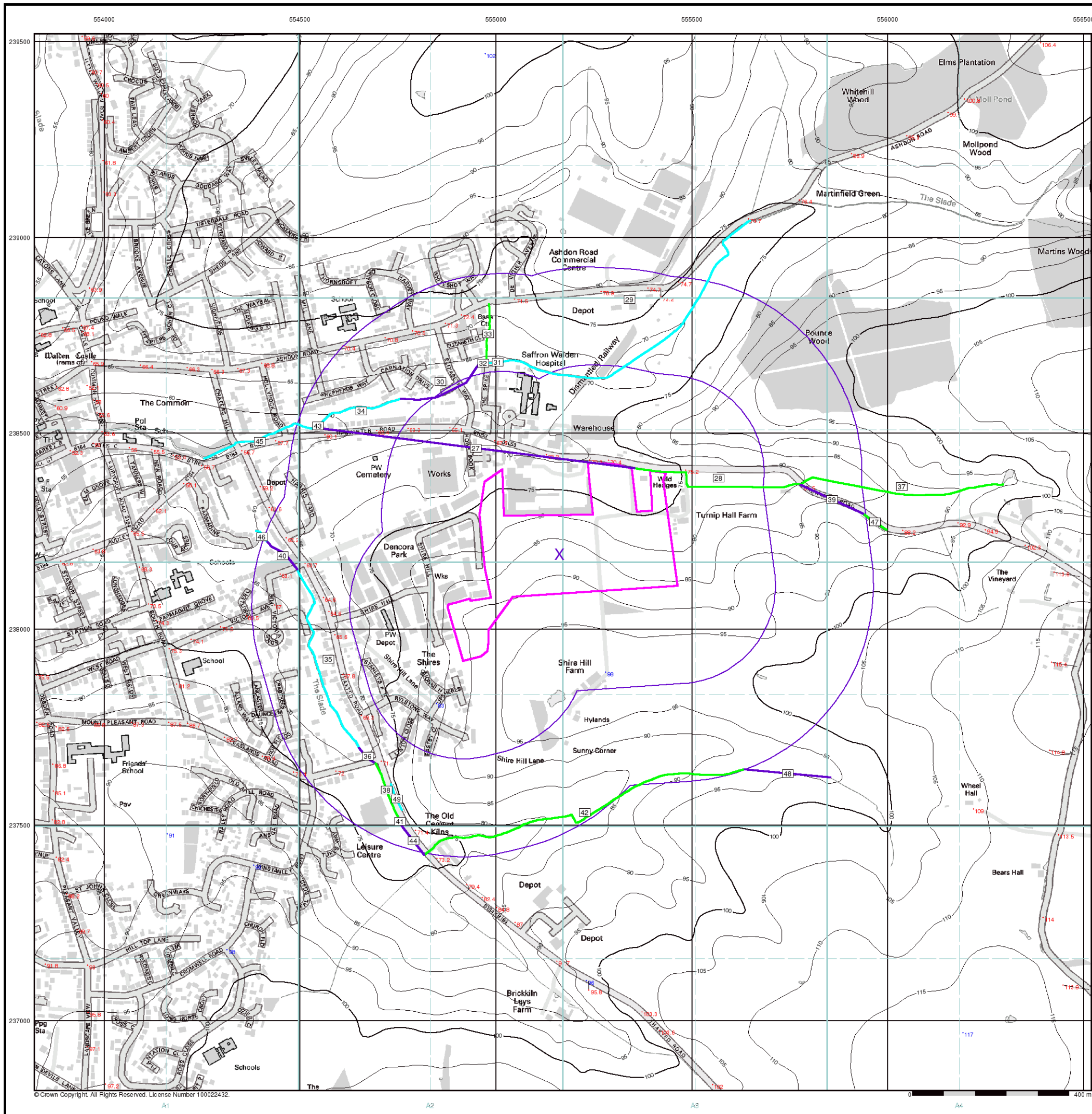


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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Appendix B – Photographic Record



The petrol station to the north of Field A and the west of Field B.



Field B, viewed from the north-western corner.



Field B, viewed from the north-western corner.



Field B, viewed from the north-western corner.



The site entrance from Radwinter Road, at the north-western corner of Field B.



Wild Hedges – the detached house between Field B and Field C.



Field B, viewed from the south-eastern corner.



Field D, viewed from the north-eastern corner.



The private road along the southern edge of Field E, looking east,



Field E, from the north-western corner.



Field C, viewed from the north.



The derelict building adjacent to the south-eastern corner of Field C.



Field D, viewed from the north-western corner.



Field B, viewed from the south. A chalk face (situated to the north of the site) is visible in the background.



Field A, viewed from the north-eastern corner.



Field A, viewed from the north-eastern corner.



Field A, looking west, from the northern field boundary.



The unofficial footpath across the north-western corner of Field A.



The north-western corner of Field A.



The industrial estate to the west of Field A.



The industrial estate to the west of Field A.



The industrial estate to the west of Field A.



The western edge of Field A.



The south-western part of Field A.



Looking north-east across Field A.



Looking east across Field A.

Appendix C – Envirocheck Data

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

51585400_1_1

Customer Reference:

EMS4075

National Grid Reference:

555160, 238190

Slice:

A

Site Area (Ha):

13.44

Search Buffer (m):

500

Site Details:

Land east of Saffron Walden
Radwinter Road
Saffron Walden
CB10 2LB

Client Details:

Mr J Perkins
EMS (Environmental Management Solutions)
Sigeric Business Park
Holme Lacy Road
Hereford
Herefordshire
HR2 6BQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	14
Geological	15
Industrial Land Use	22
Sensitive Land Use	27
Data Currency	28
Data Suppliers	32
Useful Contacts	33

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 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 the attached 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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1		1	7
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control	pg 2			1
Local Authority Pollution Prevention and Controls	pg 3		5	1
Local Authority Pollution Prevention and Control Enforcements	pg 3		1	
Nearest Surface Water Feature	pg 3		Yes	
Pollution Incidents to Controlled Waters	pg 4		1	5
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 5		5	1
Water Industry Act Referrals	pg 6		4	
Groundwater Vulnerability	pg 7	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a
Source Protection Zones	pg 7	2		
Extreme Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a
Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 8	Yes	Yes	Yes
Detailed River Network Offline Drainage	pg 12			Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 13			1
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites	pg 13			1
Registered Landfill Sites	pg 13			1
Registered Waste Transfer Sites	pg 13		1	
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)	pg 14			2
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents	pg 14			1
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 18		1	1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 19	Yes	Yes	n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes		n/a
Potential for Compressible Ground Stability Hazards				n/a
Potential for Ground Dissolution Stability Hazards	pg 19	Yes	Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes	Yes	n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries	pg 22		45	n/a
Fuel Station Entries	pg 25		1	1
Sensitive Land Use				
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 27	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Carlton Sports Company Limited Property Type: Undefined Or Other Location: Shire Hill Ind Estate, Saffron Walden, Essex. Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Pr1fu18 Permit Version: 1 Effective Date: 5th June 1978 Issued Date: 5th June 1978 Revocation Date: 7th December 1993 Discharge Type: Trade Discharge - Process Water Discharge: Onto Land Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A6NW (SW)	129	1	554760 238000
2	<p>Discharge Consents</p> <p>Operator: Gary Bower Property Type: Domestic Property (Single) Location: Land Off Victoria Gardens, Saffron Walden, Essex, Cb11 3af Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Prcnf17284 Permit Version: 1 Effective Date: 28th April 2005 Issued Date: 28th April 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Slade 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>	A6NW (W)	350	1	554528 238055
3	<p>Discharge Consents</p> <p>Operator: Atlantic Power & Gas Engineering Limited Property Type: Not Supplied Location: Fuel Depot Ashdon Rd, Saffron Walden, Essex. Cb10 2nf Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Pr1nf1110 Permit Version: 1 Effective Date: 11th April 1974 Issued Date: 11th April 1974 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Into And/Or Watercourse Environment: Receiving Water: Watercourse Known As The Slade Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A11NW (NE)	361	1	555450 238760
3	<p>Discharge Consents</p> <p>Operator: Costain Limited Property Type: Wholesale Distribution Fuels & Metals Location: Fuel Depot Ashdon Rd, Saffron Walden, Essex. Cb10 2nf, Cb10 2nf Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Pr1nf1110 Permit Version: 1 Effective Date: 11th April 1974 Issued Date: 11th April 1974 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Watercourse Known As The Slade Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A11NW (NE)	361	1	555450 238760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Post Office, Saffron Walden Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Ascfn1660 Permit Version: 1 Effective Date: 15th September 1990 Issued Date: 15th September 1990 Revocation Date: 8th April 1991 Discharge Type: Storm /emergency overflow Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A6NW (W)	374	1	554520 238170
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Post Office, Saffron Walden Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Ascfn2536 Permit Version: 1 Effective Date: 2nd January 1990 Issued Date: 2nd January 1990 Revocation Date: 25th July 2008 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Slade Trib R Cam Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A6NW (W)	374	1	554520 238170
5	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: So Thaxted Rd/Victoria Ave, Saffron Walden, Essex Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Ascfn10068 Permit Version: 2 Effective Date: 3rd May 1995 Issued Date: 3rd May 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Slade Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A5NE (W)	398	1	554490 238150
5	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: So Thaxted Rd/Victoria Ave, Saffron Walden, Essex Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Ascfn10068 Permit Version: 1 Effective Date: 24th July 1992 Issued Date: 24th July 1992 Revocation Date: 2nd May 1995 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: The Slade Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A5NE (W)	398	1	554490 238150
6	<p>Local Authority Integrated Pollution Prevention And Control</p> <p>Name: Printpack Europe Location: Radwinter Road, Saffron Walden, Essex, CB11 3HY Authority: Uttlesford District Council, Environmental Health Department Permit Reference: Not Supplied Dated: 26th April 1995 Process Type: Other Activities Description: SG6 Status: Permit Issued Positional Accuracy: Located by supplier to within 10m</p>	A10NE (NW)	360	2	554919 238754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Local Authority Pollution Prevention and Controls Name: Tesco Location: Radwinter Road, SAFFRON WALDEN, Essex, CM Authority: Uttlesford District Council, Environmental Health Department Permit Reference: NOT GIVEN Dated: 13th October 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A11SW (N)	30	2	555206 238414
8	Local Authority Pollution Prevention and Controls Name: Tom Sim Joinery Location: The Shires, Shire Hill Industrial Estate, SAFFRON WALDEN, Essex, CB11 3AN Authority: Uttlesford District Council, Environmental Health Department Permit Reference: 12 Dated: 30th March 1995 Process Type: Local Authority Air Pollution Control Description: PG6/33 Wood coating Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	63	2	554831 238104
9	Local Authority Pollution Prevention and Controls Name: Printpack Europe Ltd Location: Radwinter Road, SAFFRON WALDEN, Essex, CB11 3HY Authority: Uttlesford District Council, Environmental Health Department Permit Reference: 2 Dated: 26th April 1995 Process Type: Local Authority Air Pollution Control Description: PG6/16 Printworks Status: Transferred to LAIPPC Positional Accuracy: Located by supplier to within 10m	A10SE (NW)	116	2	554858 238400
10	Local Authority Pollution Prevention and Controls Name: Sga Technologies Location: Shire Hill, Saffron Walden Authority: Uttlesford District Council, Environmental Health Department Permit Reference: B/6/45/01 Dated: 15th June 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG6/45 Surface cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A10SW (W)	225	2	554701 238200
10	Local Authority Pollution Prevention and Controls Name: Sga Technologies Location: Shire Hill, Saffron Walden Authority: Uttlesford District Council, Environmental Health Department Permit Reference: B/4/01/01 Dated: 15th June 2011 Process Type: Local Authority Pollution Prevention and Control Description: Part B - General Metal Process (No Specific Reference) Status: Permitted Positional Accuracy: Manually positioned to the address or location	A10SW (W)	225	2	554701 238200
11	Local Authority Pollution Prevention and Controls Name: Shire Hill Garage Location: Thaxted Road, SAFFRON WALDEN, Essex, CM Authority: Uttlesford District Council, Environmental Health Department Permit Reference: NOT GIVEN Dated: 1st April 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A6NW (W)	273	2	554613 237990
12	Local Authority Pollution Prevention and Control Enforcements Location: Shirehill Industrial Estate, Saffron Walden, CB11 Type: Air Pollution Control Enforcement Notice Reference: Not Supplied Date Issued: Not Supplied Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	A10SW (W)	133	2	554823 238183
	Nearest Surface Water Feature	A11SW (NE)	1	-	555385 238406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Not Supplied Incident Date: 5th February 1993 Incident Reference: 2028 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	167	1	554800 237800
14	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Foam Note: Slade Incident Date: 8th September 1994 Incident Reference: 2829 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	A6NW (W)	283	1	554600 238000
15	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Detergents/Surfactant Note: Slade Incident Date: 4th November 1994 Incident Reference: 2883 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	A6NW (W)	382	1	554500 238000
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Oils - Waste Oil Note: Slade Incident Date: 1st May 1996 Incident Reference: 3429 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	A6SW (SW)	385	1	554600 237700
17	Pollution Incidents to Controlled Waters Property Type: Fire Water Location: Ely District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 18th October 1994 Incident Reference: 2868 Catchment Area: Not Given Receiving Water: Potential Groundwater Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10NW (NW)	449	1	554800 238800
18	Pollution Incidents to Controlled Waters Property Type: Road Location: Huntingdon District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Fuel Oil Note: Not To Stream Incident Date: 2nd May 1998 Incident Reference: 1015 Catchment Area: Not Given Receiving Water: Groundwater Cause of Incident: Collision Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (W)	498	1	554400 238200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Water Abstractions Operator: Engelmann Farms Ltd Licence Number: 6/33/27/*G/0024 Permit Version: 100 Location: Well 2 E Of Saffron Walden 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: C Chalk 4; Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 2nd March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (NE)	66	1	555500 238400
19	Water Abstractions Operator: Engelmann Farms Ltd Licence Number: 6/33/27/*G/0024 Permit Version: 100 Location: Well 2 E Of Saffron Walden 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: C Chalk 4; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (NE)	66	1	555500 238400
20	Water Abstractions Operator: Carlton Tyre Saving Co Ltd Licence Number: 6/33/27/*g/007 Permit Version: Not Supplied Location: Borehole At, SAFFRON WALDON Authority: Environment Agency, Anglian Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 40 Yearly Rate (m3): 159090 Details: C Chalk 4; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	118	1	554760 238050
21	Water Abstractions Operator: Engelmann Farms Ltd Licence Number: 6/33/27/*G/0024 Permit Version: 100 Location: Well 1 E Of Saffron Walden 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: C Chalk 4; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SE (S)	188	1	555100 237800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Water Abstractions Operator: Engelmans Farms Ltd Licence Number: 6/33/27/*G/0024 Permit Version: 100 Location: Well 1 E Of Saffron Walden 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: C Chalk 4; Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 2nd March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (S)	188	1	555100 237800
22	Water Abstractions Operator: C Engelmans Ltd Licence Number: 6/33/27/*g/056 Permit Version: Not Supplied Location: Borehole At, SAFFRON WALDON Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 58 Yearly Rate (m3): 381820 Details: C Chalk 4; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (NW)	385	1	554800 238725
23	Water Industry Act Referrals Name: Sga Technologies Ltd Location: SHIREHILL IND EST, THAXTED ROAD, SAFFRON WALDEN, ESSEX, CB11 3AQ Authority: Environment Agency, Anglian Region Permit Reference: CE0028 Dated: 1st September 2009 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorisedNot Yet Authorised Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	1	554916 238133
23	Water Industry Act Referrals Name: Sga Technologies Ltd Location: SHIREHILL IND EST, THAXTED ROAD, SAFFRON WALDEN, ESSEX, CB11 3AQ Authority: Environment Agency, Anglian Region Permit Reference: Bm4686 Dated: 2nd November 2001 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application has been authorised and any conditions apply to the operatorAuthorised Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	1	554916 238133
24	Water Industry Act Referrals Name: Sga Technologies Ltd Location: SHIREHILL IND EST, THAXTED ROAD, SAFFRON WALDEN, ESSEX, CB11 3AQ Authority: Environment Agency, Anglian Region Permit Reference: Bg1977 Dated: 22nd April 1999 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	136	1	554743 238078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Water Industry Act Referrals Name: Sga Technologies Ltd Location: SHIREHILL IND EST, THAXTED ROAD, SAFFRON WALDEN, ESSEX, CB11 3AQ Authority: Environment Agency, Anglian Region Permit Reference: AF0113 Dated: 30th March 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	136	1	554743 238078
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 32 North Essex Scale: 1:100,000	A6NE (W)	0	1	554888 238131
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 32 North Essex Scale: 1:100,000	A10SE (SE)	0	1	555163 238191
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 32 North Essex Scale: 1:100,000	A7NW (SE)	0	1	555232 238059
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Principal Aquifer	A10SE (SE)	0	3	555163 238191
	Bedrock Aquifer Designations Aquifer Desination: Principal Aquifer	A10SE (W)	0	3	555001 238191
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11SW (N)	0	3	555206 238414
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A6NE (SW)	0	3	555001 238050
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A6NE (S)	0	3	555157 238107
25	Source Protection Zones Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A10SE (SE)	0	1	555163 238191
26	Source Protection Zones Name: Various 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.	A10SE (SE)	0	1	555163 238191
	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	A11NW (N)	188	1	555200 238610
	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	A10NE (N)	199	1	555110 238590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A10NE (N)	225	1	555055 238630
	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	A11NW (N)	188	1	555205 238610
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
27	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SW (N)	0	1	555193 238431
28	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SW (NE)	1	1	555358 238410
29	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11NW (N)	217	1	555211 238643
30	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Currently Undefined Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NE (NW)	240	1	554924 238629

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Detailed River Network Lines River Type: Secondary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NE (N)	273	1	555030 238684
32	Detailed River Network Lines River Type: Secondary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NE (N)	276	1	554975 238680
33	Detailed River Network Lines River Type: Tertiary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A10NE (N)	276	1	554975 238680
34	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NW (NW)	301	1	554757 238588
35	Detailed River Network Lines River Type: Secondary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A6NW (W)	340	1	554537 238068
36	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A6SW (SW)	345	1	554693 237657

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SE (E)	345	1	555777 238369
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A6SW (SW)	345	1	554693 237657
39	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SE (E)	345	1	555777 238369
40	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A5NE (W)	396	1	554493 238153
41	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A6SW (SW)	431	1	554750 237522
42	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A7SW (S)	443	1	555396 237616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NW (NW)	444	1	554554 238526
44	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A6SW (SW)	450	1	554761 237497
45	Detailed River Network Lines River Type: Secondary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Kings Slade Name: Water Course: 2139 Reference:	A10NW (NW)	455	1	554538 238514
46	Detailed River Network Lines River Type: Secondary River River Name: The Slade Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Thaxted Road Slade Name: Water Course: 2139 Reference:	A9SE (W)	489	1	554417 238223
47	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12SW (E)	495	1	555938 238295
48	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A7SE (SE)	500	1	555636 237642

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D005	A6SW (SW)	366	1	554732 237603

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Historical Landfill Sites Licence Holder: R G Carter Projects Limited Location: Saffron Walden, Essex Name: Shire Hall Farm Operator Location: Maple Road, Kings Lynn, Norfolk Boundary Accuracy: As Supplied Provider Reference: EAHLD01611 First Input Date: 14th August 1992 Last Input Date: 31st July 1993 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0027 BGS Ref: Not Supplied Other Ref: 219/92, UTT024	A7SW (SE)	352	1	555414 237755
	Local Authority Landfill Coverage Name: Uttlesford District Council - Has no landfill data to supply		0	2	555163 238191
	Local Authority Landfill Coverage Name: Essex County Council - Has supplied landfill data		0	4	555163 238191
51	Local Authority Recorded Landfill Sites Location: Shire Hill Reference: 11 457 06 Authority: Essex County Council Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A7SW (SE)	344	4	555436 237765
52	Registered Landfill Sites Licence Holder: R G Carter Projects Ltd Licence Reference: 219/92 Site Location: Shire Hill Farm, Shire Hill Lane, Saffron Walden, Es Licence Easting: 555550 Licence Northing: 237700 Operator Location: Drayton, NORWICH, Norfolk, NR8 6AH Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Soils, Excav.Mat'Ls In Nat.State Prohibited Waste: Liquids/Slurries Oils	A7SE (SE)	420	1	555550 237700
53	Registered Waste Transfer Sites Licence Holder: Essex & Herts. Health Services Licence Reference: 259/93 Site Location: Saffron Walden Community Hospital, Radwinter Road, Saffron Walden, Essex Operator Location: Rutherford House, Haymeads Lane, BISHOP'S STORTFORD, Hertfordshire, CM23 5JH Authority: Environment Agency - Anglian Region, Central Area Site Category: Transfer Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Site exempt from licenceExempt Dated: 1st August 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical - As In Coll/Disp.Reg's Of '88	A10NE (N)	147	1	555050 238550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Control of Major Accident Hazards Sites (COMAH) Name: Oil And Pipelines Agency Location: Saffron Walden Psd, Ashdon Road, Saffron Walden, Essex, CB10 2NF Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A11NW (N)	399	5	555308 238820
54	Control of Major Accident Hazards Sites (COMAH) Name: Oil And Pipelines Agency Location: Ashdon Road, Saffron Walden, Essex, CB10 2NF Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Automatically positioned to the address	A11NW (N)	400	5	555308 238821
55	Planning Hazardous Substance Consents Name: The Oil Pipeline Agency Location: Ashdon Road, Saffron Walden, Cb10 2nf Authority: Uttlesford District Council, Planning Department Application Ref: P/H/5/4 Hazardous: Combination of Dangerous Substances Substance: Maximum Quantity: 18024 Application date: Not Supplied Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A11NW (N)	398	6	555305 238819

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Chalk including Red Chalk	A10SE (SE)	0	3	555163 238191
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11SW (N)	0	7	555205 238413
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (SE)	0	7	555163 238191
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (W)	0	7	555000 238191
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (SW)	0	7	554926 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A6NE (SW)	0	7	555000 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A6NE (SW)	0	7	555000 238049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (S)	0	7	555156 238106
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (S)	14	7	555163 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	61	7	554930 237858
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (SW)	63	7	555000 237857
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A10SE (NW)	66	7	555000 238471
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (S)	84	7	555163 237856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (SE)	99	7	555386 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SE)	168	7	555589 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A11NE (NE)	171	7	555552 238523
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (E)	220	7	555678 238063
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	220	7	555303 237795
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NE (N)	239	7	555162 238658

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NE (NW)	264	7	554903 238646
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NW (SW)	283	7	554637 237861
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NW (W)	285	7	554595 238000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NE (W)	426	7	554476 237910
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NE (W)	482	7	554399 238000
56	BGS Recorded Mineral Sites Site Name: Turnip Hall Chalk Pit Location: , Saffron Walden, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 170076 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A11SW (NE)	55	3	555368 238461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	BGS Recorded Mineral Sites Site Name: Saffron Walden Cement Works Location: , Saffron Walden, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 170080 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A2NE (S)	490	3	554883 237430
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	3	555206 238414
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	66	3	555001 238472
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	3	555206 238414
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	3	555001 238050
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (S)	0	3	555157 238107
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	3	555001 237996
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (S)	17	3	555113 238001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	66	3	555001 238472
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	173	3	555553 238524
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	219	3	555304 237796
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	239	3	555163 238659
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	3	555001 238050
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (S)	0	3	555157 238107
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	66	3	555001 238472
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	173	3	555553 238524
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	219	3	555304 237796
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	239	3	555163 238659
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	3	555001 238050
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (S)	0	3	555157 238107
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	66	3	555001 238472
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	219	3	555304 237796
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	239	3	555163 238659
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	3	555001 238050
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (S)	0	3	555157 238107
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	66	3	555001 238472
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	219	3	555304 237796
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	239	3	555163 238659
	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	A10SE (W)	0	3	555001 238191
	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	A10SE (SE)	0	3	555163 238191
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	3	555001 238191
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	3	555163 238191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	Contemporary Trade Directory Entries Name: St Bernard Medical Services Ltd Location: Unit 2, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	16	-	554867 238036
59	Contemporary Trade Directory Entries Name: Cambridge Rapid Assembly Ltd Location: Unit 42, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Electronic Equipment - Manufacturers & Assemblers Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (NW)	21	-	554944 238335
59	Contemporary Trade Directory Entries Name: Waterco Location: Unit 8, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Pump Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	28	-	554938 238344
59	Contemporary Trade Directory Entries Name: Cambridge Rapid Components Ltd Location: Unit 38, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (NW)	39	-	554924 238324
59	Contemporary Trade Directory Entries Name: Burton Retail & Catering Butchers Ltd Location: Unit 3, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Meat - Wholesale Status: Active Positional Accuracy: Manually positioned to the address or location	A10SE (NW)	47	-	554915 238318
59	Contemporary Trade Directory Entries Name: Terry Nightingale Location: Unit 2, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Car Kit Assemblers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SE (NW)	56	-	554905 238315
60	Contemporary Trade Directory Entries Name: Graphicshow Cable Accessories Location: Unit 3, Ronell Place, 41a, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Telecommunications Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (W)	44	-	554922 238218
60	Contemporary Trade Directory Entries Name: Treadfirst Tyre & Exhaust Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (W)	44	-	554918 238260
60	Contemporary Trade Directory Entries Name: Rak Printed Circuit Boards Ltd Location: Unit 12, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Printed Circuit Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (W)	74	-	554889 238244
61	Contemporary Trade Directory Entries Name: Precision Engineering Services Location: Unit 2, Turnip Hall Farm, Radwinter Road, Saffron Walden, Essex, CB10 2LB Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (E)	44	-	555481 238307
62	Contemporary Trade Directory Entries Name: Hart-Talbot Printers Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3BE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (W)	45	-	554885 238110
62	Contemporary Trade Directory Entries Name: The Office Cleaning Co Essex Ltd Location: Business & Technology Centre, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	45	-	554927 238154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Contemporary Trade Directory Entries Name: Lenze Ltd Location: Chroma House, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Electric Motor Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (W)	45	-	554927 238154
62	Contemporary Trade Directory Entries Name: Aimprint Harts Design & Print Location: Hart House, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Printers Status: Active Positional Accuracy: Manually positioned to the address or location	A6NE (W)	45	-	554885 238110
62	Contemporary Trade Directory Entries Name: Harts Office Solutions Location: Business & Technology Centre, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (W)	45	-	554927 238154
62	Contemporary Trade Directory Entries Name: Diamond Engineering Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	-	554916 238133
62	Contemporary Trade Directory Entries Name: Holroyd Components Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	-	554916 238133
62	Contemporary Trade Directory Entries Name: Saffron Autos Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	-	554916 238133
62	Contemporary Trade Directory Entries Name: Sga Technologies Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Seal & Joint Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	59	-	554916 238133
63	Contemporary Trade Directory Entries Name: Etymon Printing Co Location: Custom House, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Gum & Resin Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NE (W)	55	-	554835 238096
63	Contemporary Trade Directory Entries Name: Neil Roper Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Engine Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NE (W)	62	-	554834 238106
64	Contemporary Trade Directory Entries Name: Nigel Quiney Location: Unit 1, Shire Hill, Saffron Walden, Essex, CB11 3FB Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A6NW (W)	63	-	554831 238103
64	Contemporary Trade Directory Entries Name: Office Needs.Com Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Photocopiers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	79	-	554808 238098
64	Contemporary Trade Directory Entries Name: Nettle Folds Ltd Location: Unit 4, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Fasteners & Fixing Devices Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	95	-	554804 238121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Contemporary Trade Directory Entries Name: J P S Motors Location: Business & Technology Centre, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A6NW (W)	110	-	554782 238115
64	Contemporary Trade Directory Entries Name: Arrest Air Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A6NW (W)	110	-	554782 238115
65	Contemporary Trade Directory Entries Name: Vaio Pak Location: Unit 10, Carlton Place, 9, Shire Hill Industrial Estate, Saffron Walden, Essex, CB11 3AU Classification: Packaging & Wrapping Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	79	-	554799 238045
66	Contemporary Trade Directory Entries Name: Sia Abrasives (Gb) Ltd Location: 119, Radwinter Road, Saffron Walden, Essex, CB10 2LA Classification: Abrasive Products - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (N)	96	-	555164 238484
67	Contemporary Trade Directory Entries Name: C P Instrument Co Ltd Location: 3, The Shires, Saffron Walden, Essex, CB11 3AN Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (SW)	106	-	554785 237994
67	Contemporary Trade Directory Entries Name: Jigsaw Precison Joinery Location: unit 2, The Shires, Saffron Walden, Essex, CB11 3AN Classification: Joinery Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A6NW (SW)	107	-	554788 237980
67	Contemporary Trade Directory Entries Name: Soro Ltd Location: Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	117	-	554763 238034
67	Contemporary Trade Directory Entries Name: P & H Location: 4, The Shires, Saffron Walden, Essex, CB11 3AN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (SW)	139	-	554756 237979
67	Contemporary Trade Directory Entries Name: P & H Location: 4, The Shires, Saffron Walden, Essex, CB11 3AN Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (SW)	139	-	554756 237979
68	Contemporary Trade Directory Entries Name: Debden Road B M W Location: Unit 15b, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (W)	117	-	554842 238296
69	Contemporary Trade Directory Entries Name: Mckinleys Group Location: St. Andrews House, 16a, Shire Hill Industrial Estate, Saffron Walden, Essex, CB11 3AU Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	147	-	554776 238168

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Contemporary Trade Directory Entries Name: Mckinleys Location: St. Andrews House, 16a, Shire Hill Industrial Estate, Saffron Walden, Essex, CB11 3AU Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	147	-	554776 238168
70	Contemporary Trade Directory Entries Name: R & M Cleaning Location: 53, Rylstone Way, Saffron Walden, Essex, CB11 3BL Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SE (SW)	155	-	554850 237780
71	Contemporary Trade Directory Entries Name: Saffron Walden Community Hospital Location: Radwinter Road, Saffron Walden, Essex, CB11 3HY Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A10NE (N)	173	-	555137 238563
72	Contemporary Trade Directory Entries Name: Design Catering Equipment Location: Unit 1, Dencora Park, 18, Shire Hill, Saffron Walden, Essex, CB11 3GB Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (W)	185	-	554776 238262
72	Contemporary Trade Directory Entries Name: Digicopy Location: Unit 12, Dencora Park, 18, Shire Hill, Saffron Walden, Essex, CB11 3GB Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	190	-	554769 238280
73	Contemporary Trade Directory Entries Name: European Emc Products Ltd Location: 4, Elizabeth Way, Saffron Walden, Essex, CB10 2BL Classification: Abattoirs Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	216	-	554882 238576
73	Contemporary Trade Directory Entries Name: Arcline Services Ltd Location: 4, Elizabeth Way, Saffron Walden, Essex, CB10 2BL Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	216	-	554882 238576
73	Contemporary Trade Directory Entries Name: Home & Office Fire Extinguishers Ltd. Location: 6, Elizabeth Way, Saffron Walden, Essex, CB10 2BL Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	220	-	554874 238576
74	Contemporary Trade Directory Entries Name: Etymon Print & Packaging Ltd Location: Unit 1A, Shire Hill, Saffron Walden, Essex, CB11 3AQ Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	223	-	554660 238011
75	Contemporary Trade Directory Entries Name: G S Controls Location: Unit 7, Dencora Park, Shire Hill, Saffron Walden, Essex, CB11 3GB Classification: Automation Systems & Equipment Status: Active Positional Accuracy: Manually positioned to the address or location	A10SW (W)	236	-	554723 238240
76	Fuel Station Entries Name: Tesco Saffron Walden Location: Radwinter Road, Saffron Walden, Essex, CB10 2LB Brand: TESCO Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A11SW (N)	30	-	555206 238415

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	Fuel Station Entries Name: Shire Hill Garage Location: Thaxted Road, Saffron Walden, Essex, CB11 3BJ Brand: Gulf Premises Type: Petrol Station Status: Closed Positional Accuracy: Automatically positioned to the address	A6NW (W)	276	-	554612 237984

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Nitrate Vulnerable Zones Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A10SE (SE)	0	9	555163 238191













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Uttlesford District Council - Environmental Health Department	March 2013	Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	October 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	October 2013	Quarterly
Local Authority Integrated Pollution Prevention And Control Uttlesford District Council - Environmental Health Department	January 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls Uttlesford District Council - Environmental Health Department	January 2013	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Uttlesford District Council - Environmental Health Department	January 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Anglian Region	October 2013	Quarterly
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	October 2013	Quarterly
Water Abstractions Environment Agency - Anglian Region	October 2013	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	October 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2013	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2013	Quarterly
Flood Defences Environment Agency - Head Office	August 2013	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly 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 Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area	October 2013 October 2013 October 2013 October 2013 October 2013	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	July 2013	Quarterly
Local Authority Landfill Coverage Essex County Council Uttlesford District Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Uttlesford District Council - Environmental Health Department Essex County Council	May 2000 November 2004	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area	March 2003 March 2003	Not Applicable 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	August 2013	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Uttlesford District Council - Planning Department Essex County Council	August 2013 November 2012	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Uttlesford District Council - Planning Department Essex County Council	August 2013 November 2012	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2013	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2013	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Uttlesford District Council	November 2013	As notified
Areas of Unadopted Green Belt Uttlesford District Council	November 2013	As notified
Areas of Outstanding Natural Beauty Natural England	July 2013	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	July 2013	Bi-Annually
National Parks Natural England	July 2013	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	Bi-Annually

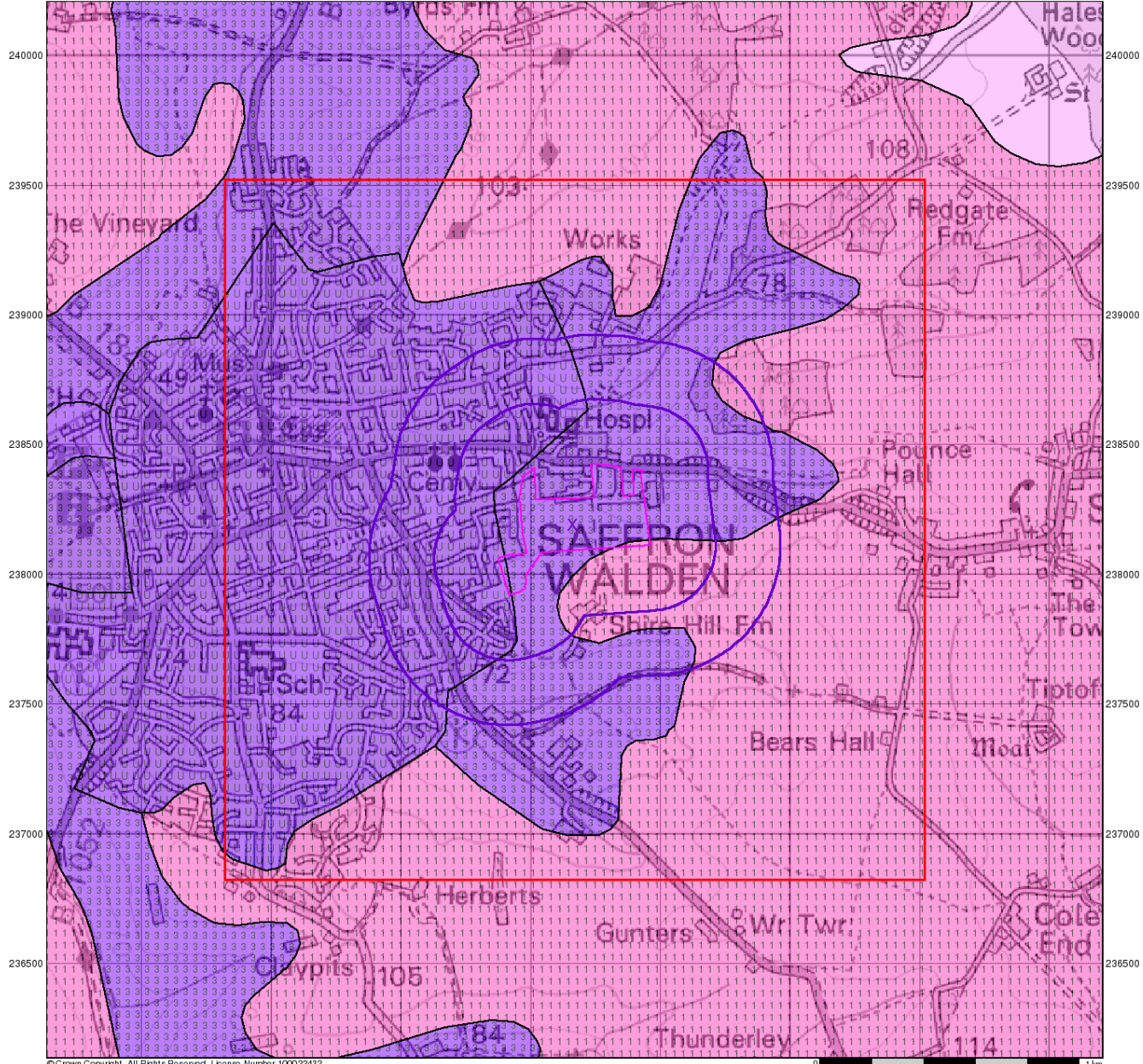
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Uttlesford District Council - Environmental Health Department Council Offices, London Road, Saffron Walden, Essex, CB11 4ER	Telephone: 01799 510581 Fax: 01799 510499 Website: www.uttlesford.gov.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Essex County Council County Hall, Chelmsford, Essex, CM1 1YS	Telephone: 01245 492211 Website: www.essexcc.gov.uk
5	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
6	Uttlesford District Council - Planning Department Council Offices, London Road, Saffron Walden, Essex, CB11 4ER	Telephone: 01799 510580 Fax: 01799 510499 Website: www.uttlesford.gov.uk
7	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
8	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
-	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 / SEPA have a charging policy in place for enquiries.

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0 1 km



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

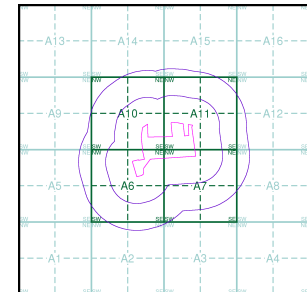
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

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 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

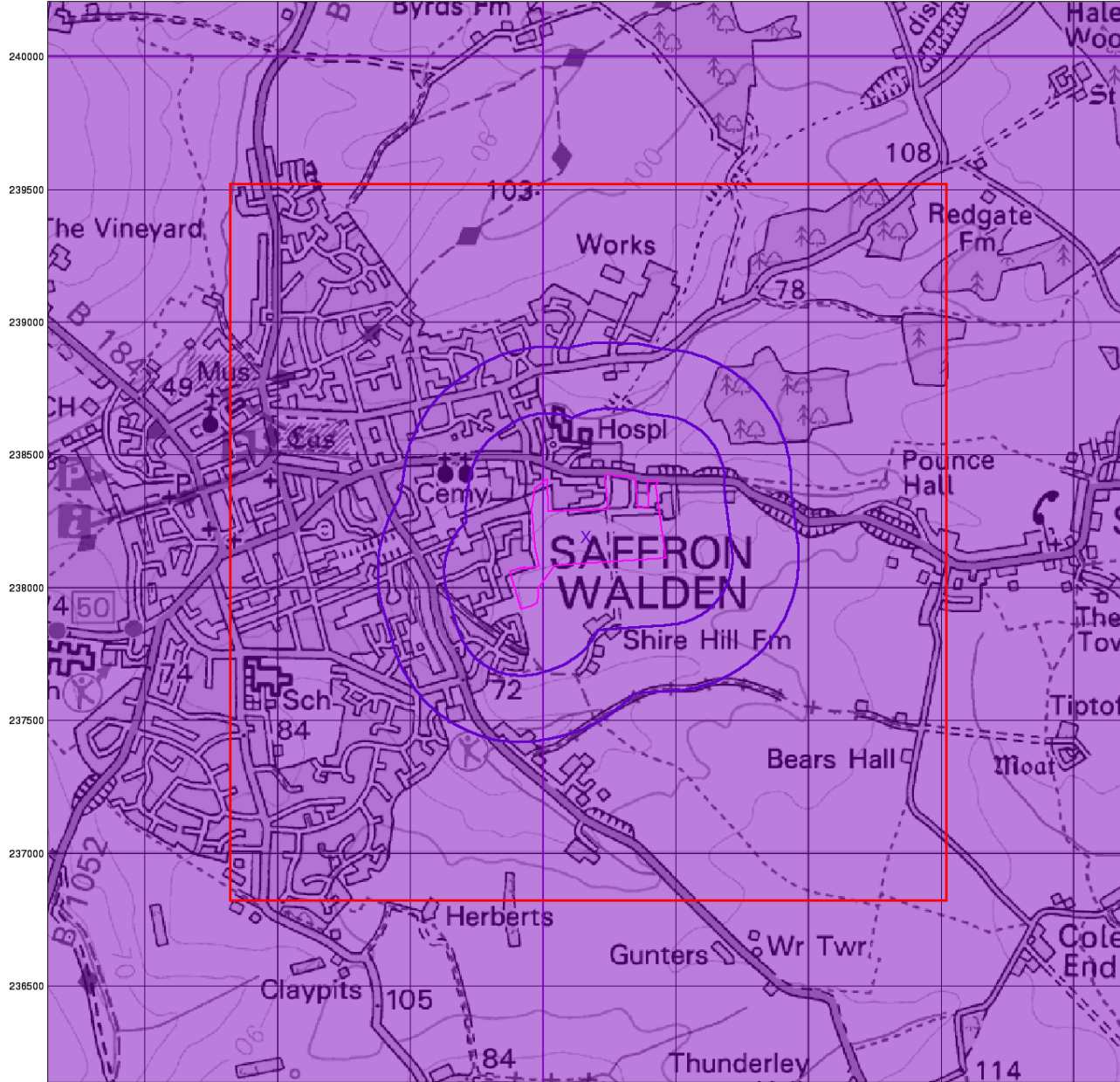
Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

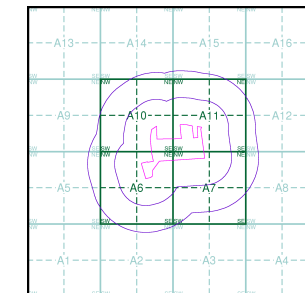
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

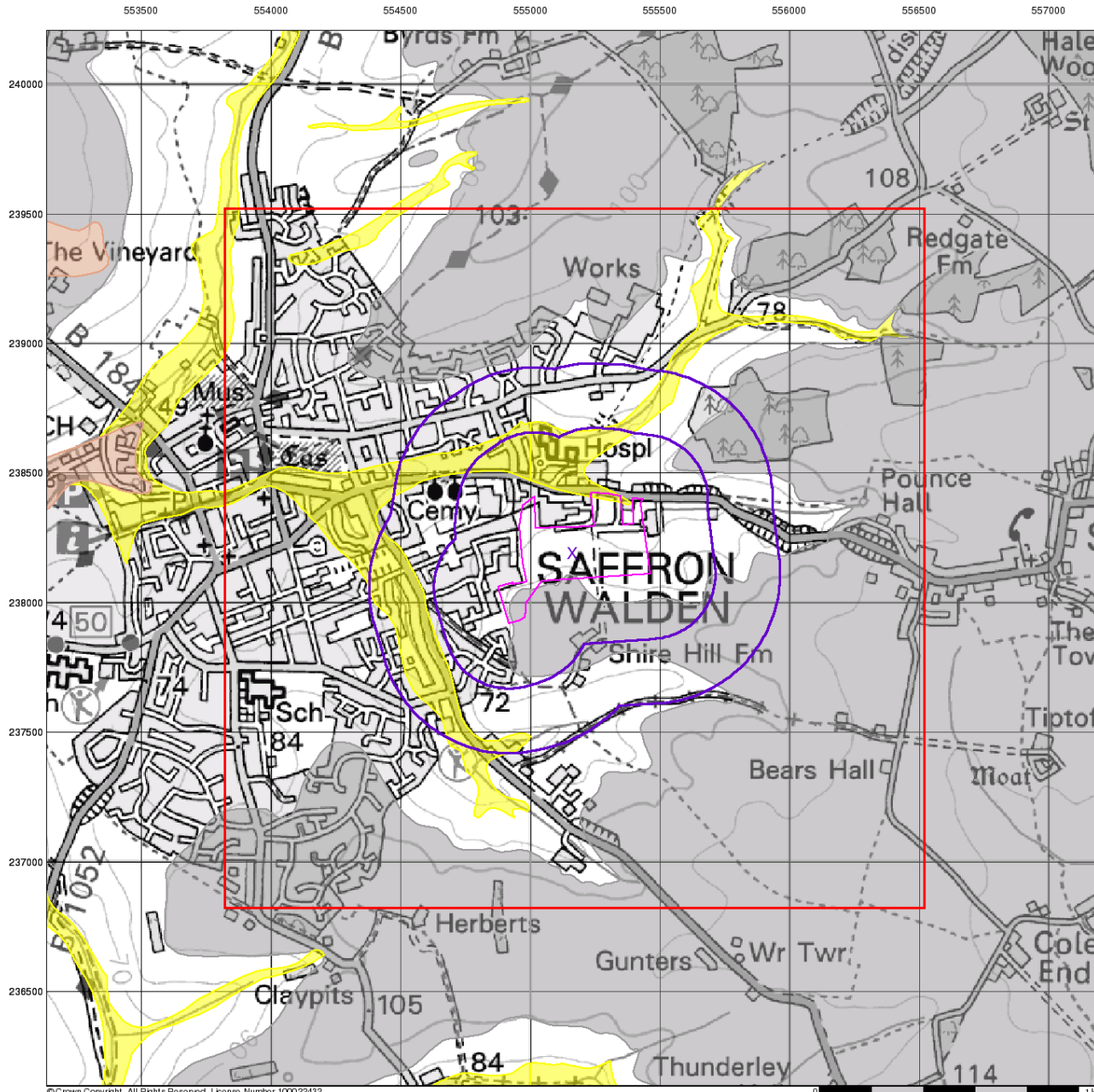
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 Slice: A
 Site Area (Ha): 13.44
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Site Details

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Superficial Aquifer Designation

General

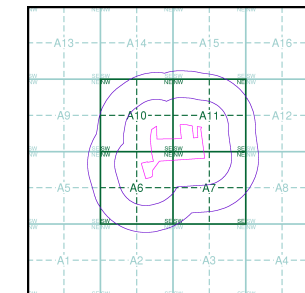
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- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

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 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
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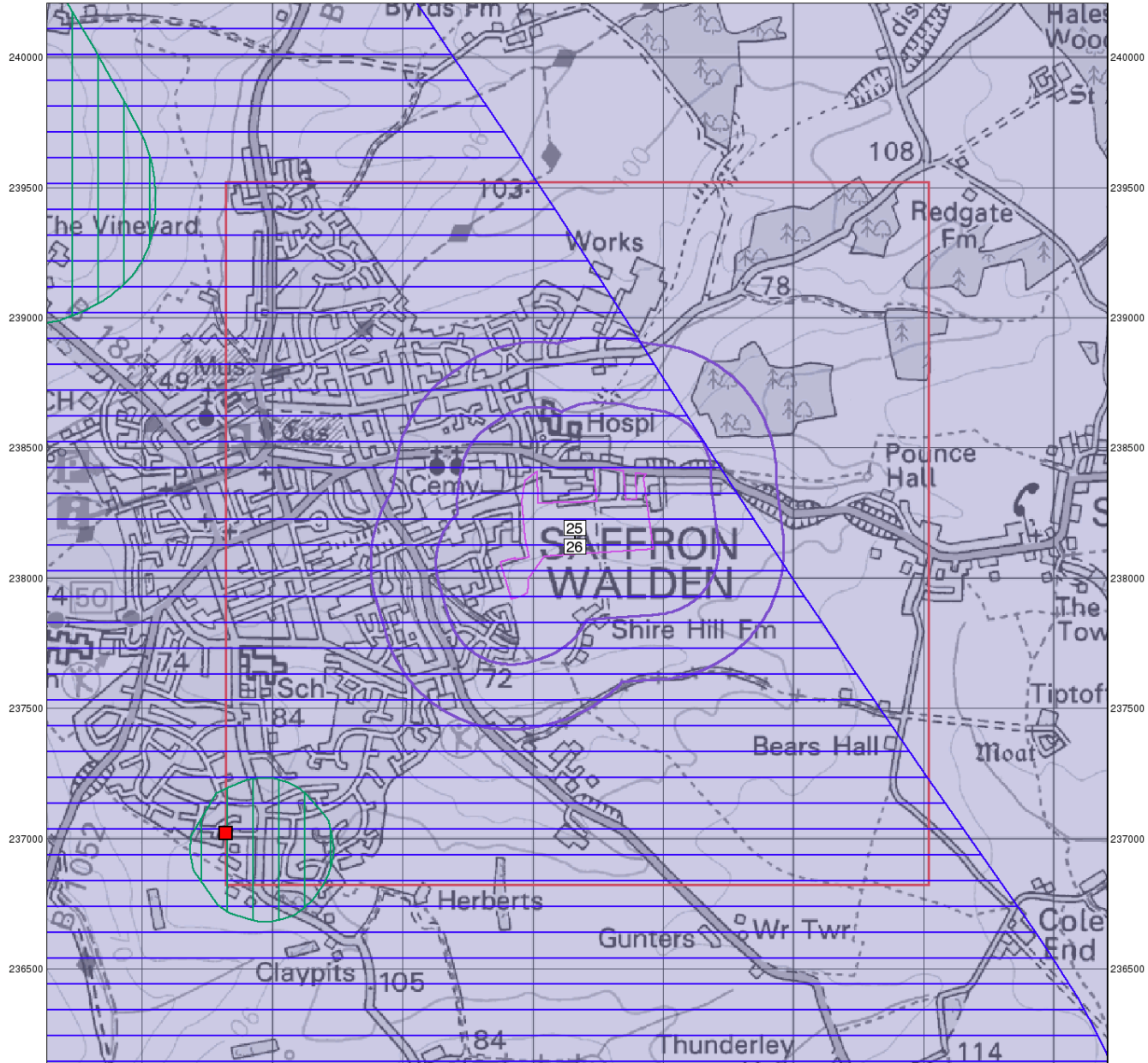
Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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0 1 km



Source Protection Zones

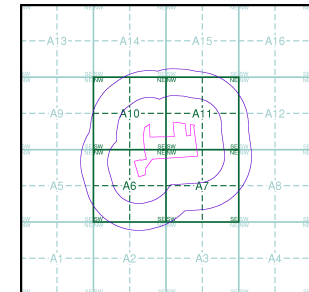
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

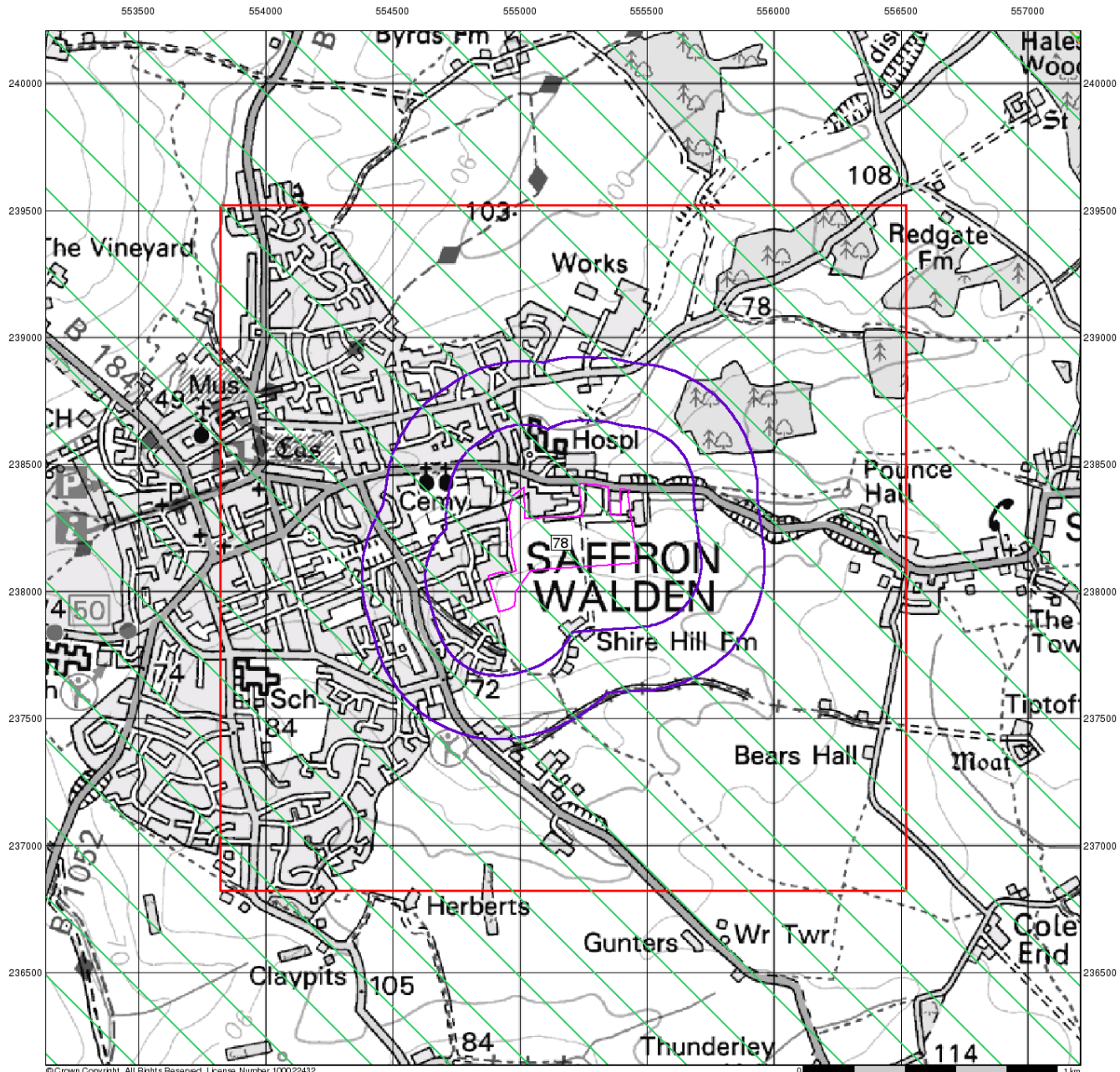
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 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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Sensitive Land Uses

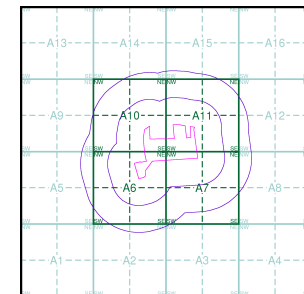
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB







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Appendix D – Geological Data

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	LOFT	Lowestoft Formation	Diamicton	Anglian - Anglian
	LOFT	Lowestoft Formation	Sand and Gravel	Anglian - Anglian
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LESE	Lewes Nodular Chalk Formation and Seaford Chalk Formation (Undifferentiated)	Chalk	Santonian - Turonian



Geology 1:50,000 Maps

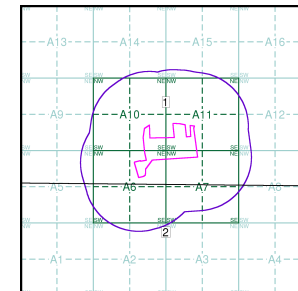
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1	Map ID:	2
Map Sheet No:	205	Map Sheet No:	222
Map Name:	Saffron Walden	Map Name:	Great Dunmow
Map Date:	2002	Map Date:	1990
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Available	Faults:	Not Available
Landslip:	Not Available	Landslip:	Not Available
Rock Segments:	Not Available	Rock Segments:	Not Available

Geology 1:50,000 Maps - Slice A



Order Details:

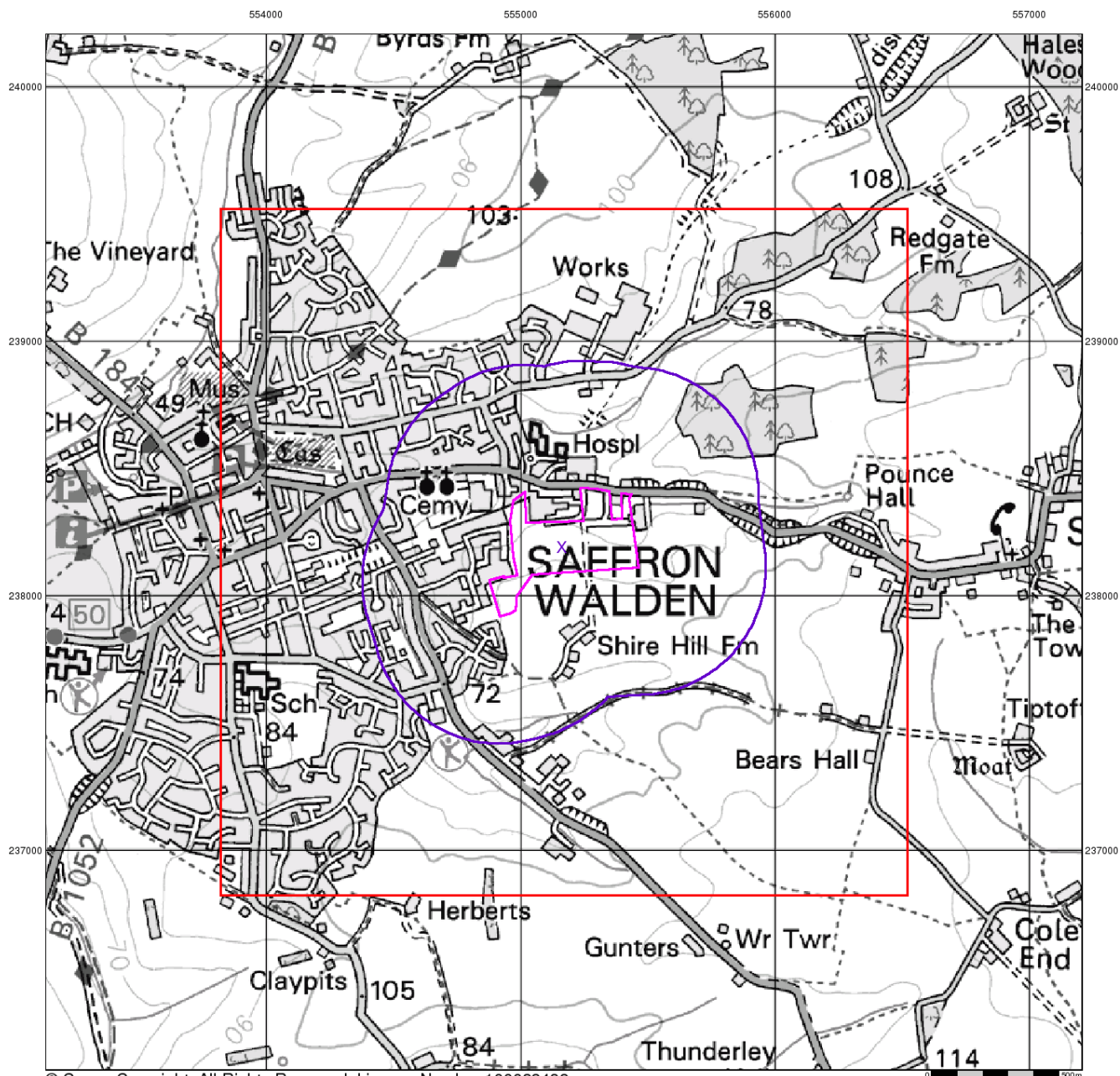
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 Customer Reference: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
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Artificial Ground and Landslip

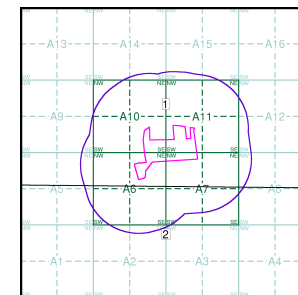
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

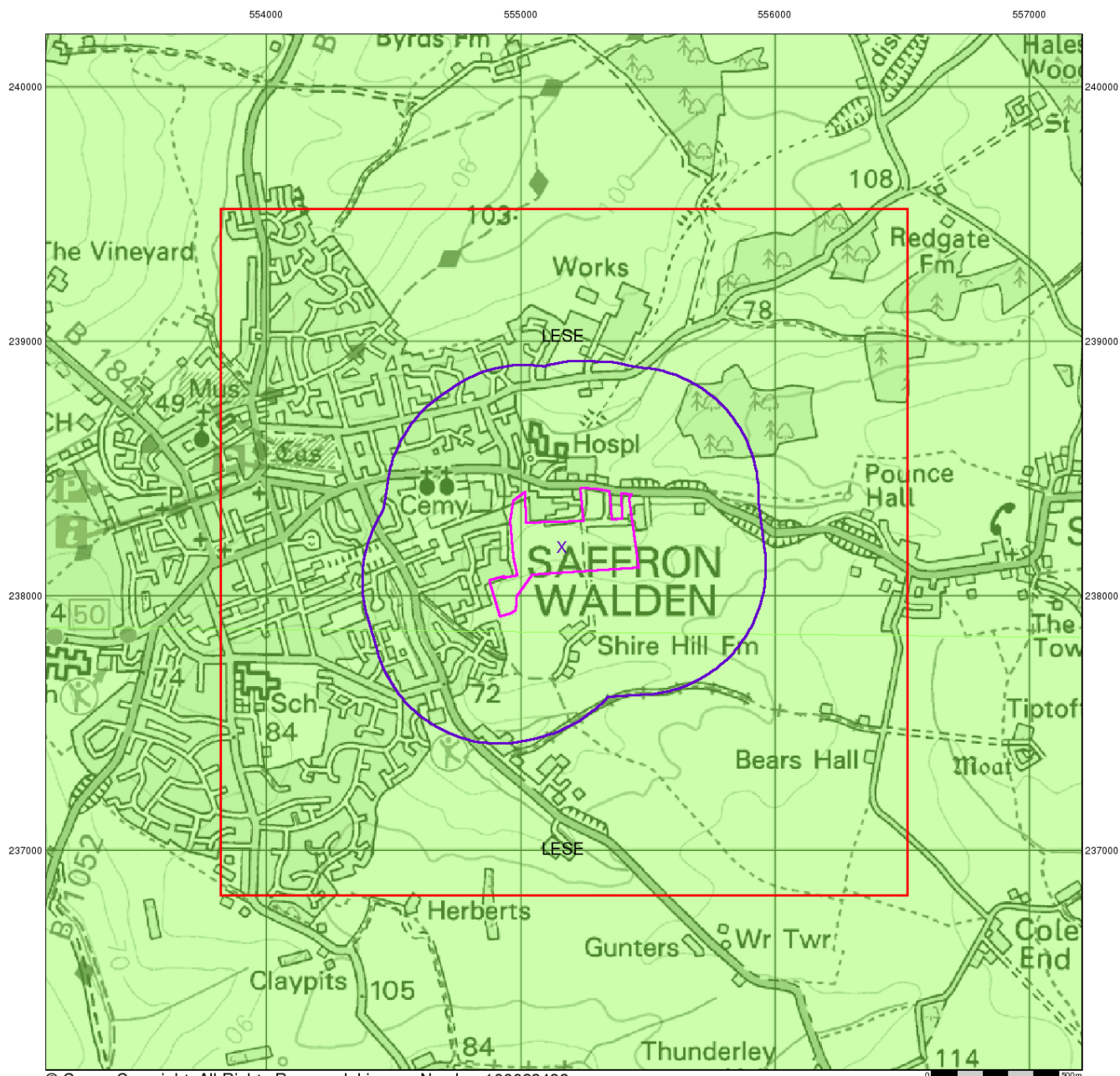
Order Number: 51585400_1_1
 Customer Reference: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details:

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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Bedrock and Faults

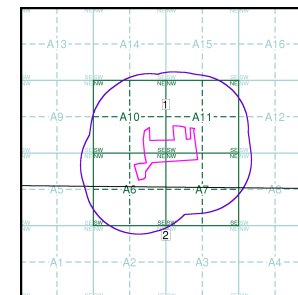
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

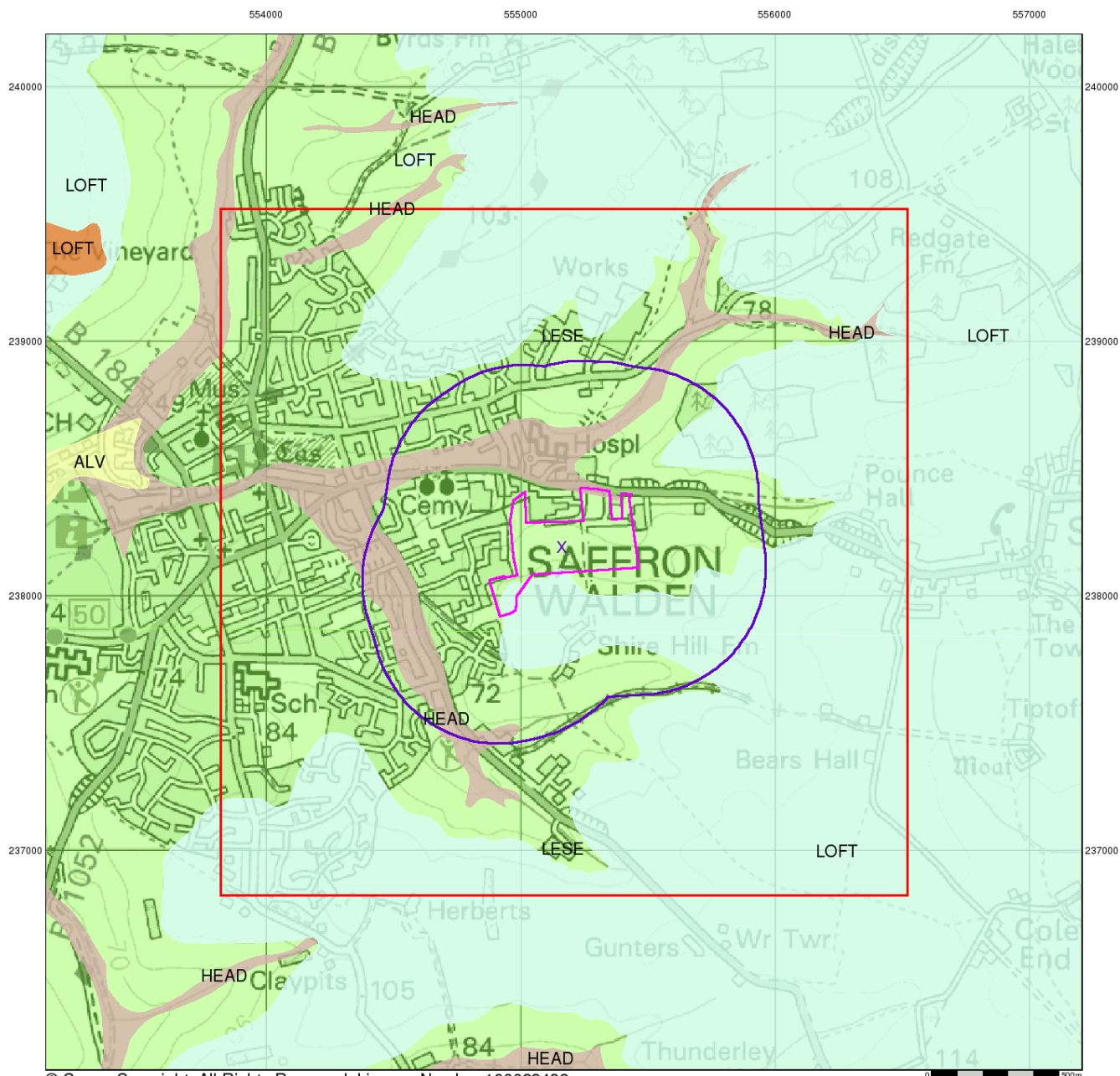
Order Number: 51585400_1_1
 Customer Reference: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

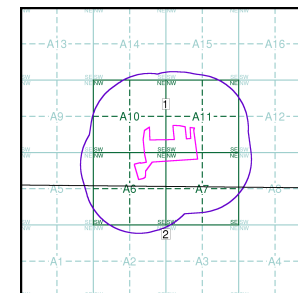
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
 Kingsley Dunham Centre
 Keyworth
 Nottingham
 NG12 5GG
 Telephone: 0115 936 3143
 Fax: 0115 936 3276
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 51585400_1_1
 Customer Reference: EMS4075
 National Grid Reference: 555160, 238190
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Site Details:

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 Fax: 0844 844 9951
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Appendix E – Correspondence with Building Control

James Woodier

From: Brian Morgan <bmorgan@uttlesford.gov.uk>
Sent: 19 December 2013 08:37
To: James Woodier
Subject: FW: Land off Radwinter Road, Saffron Walden
Attachments: 211040DWG010.pdf

Dear Sir,
We are not aware of any mining or other operations in the area.
It will be on a chalk subsoil with the possibility of clay in the low areas.
Sorry I can't be of any more help on the matter.

Regards,

Brian Morgan
Building Surveyors

From: Wendy Hawkins On Behalf Of building
Sent: 18 December 2013 12:59
To: Brian Morgan
Subject: FW: Land off Radwinter Road, Saffron Walden

Hello Brian,
Would you mind responding to this request please.
Many thanks
Wendy

From: James Woodier [<mailto:James@ems-asbestos.co.uk>]
Sent: 18 December 2013 11:38
To: building
Subject: Land off Radwinter Road, Saffron Walden

Dear Sir/Madam,

We are currently undertaking ground investigation works at the above site (site location plan attached) and would greatly appreciate any comments you have regarding ground conditions at the site and in the surrounding area. The site is situated on the Seaford Chalk Formation so we are particularly interested in any local knowledge that you have regarding chalk mining or solution features.

Please feel free to respond by e-mail or to give me a ring to discuss the site.

Kind regards,

James Woodier
Senior Geo-Environmental Engineer



Mob: 07943 899 616
Office Tel: 0800 3581100 or 01432 263333

Appendix F – Historical Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
- Civil Parish
Shown alternately when coincidence of boundaries occurs
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

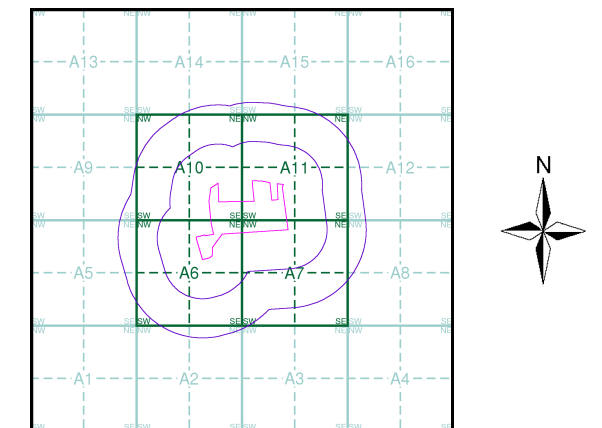
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:10,560	1881	2
Essex	1:10,560	1898	3
Essex	1:10,560	1923 - 1928	4
Essex	1:10,560	1938 - 1951	5
Essex	1:10,560	1951	6
Ordnance Survey Plan	1:10,000	1960	7
Ordnance Survey Plan	1:10,000	1972	8
Ordnance Survey Plan	1:10,000	1982	9
Ordnance Survey Plan	1:10,000	1991	10
10K Raster Mapping	1:10,000	2006	11
10K Raster Mapping	1:10,000	2013	12

Historical Map - Slice A



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB

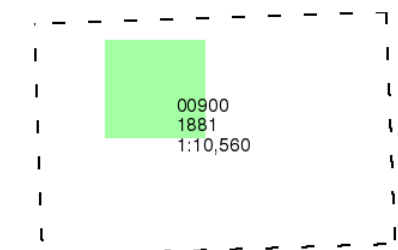
Essex

Published 1881

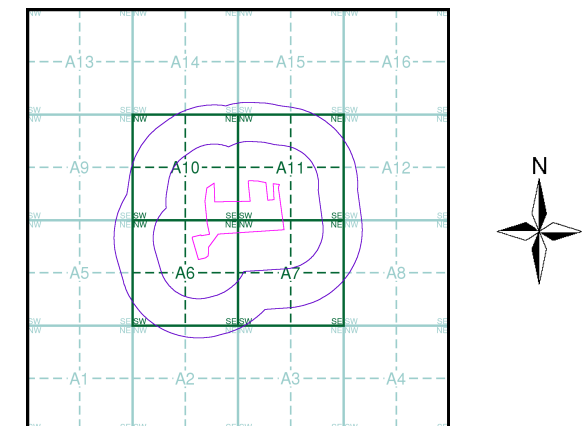
Source map scale - 1:10,560

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

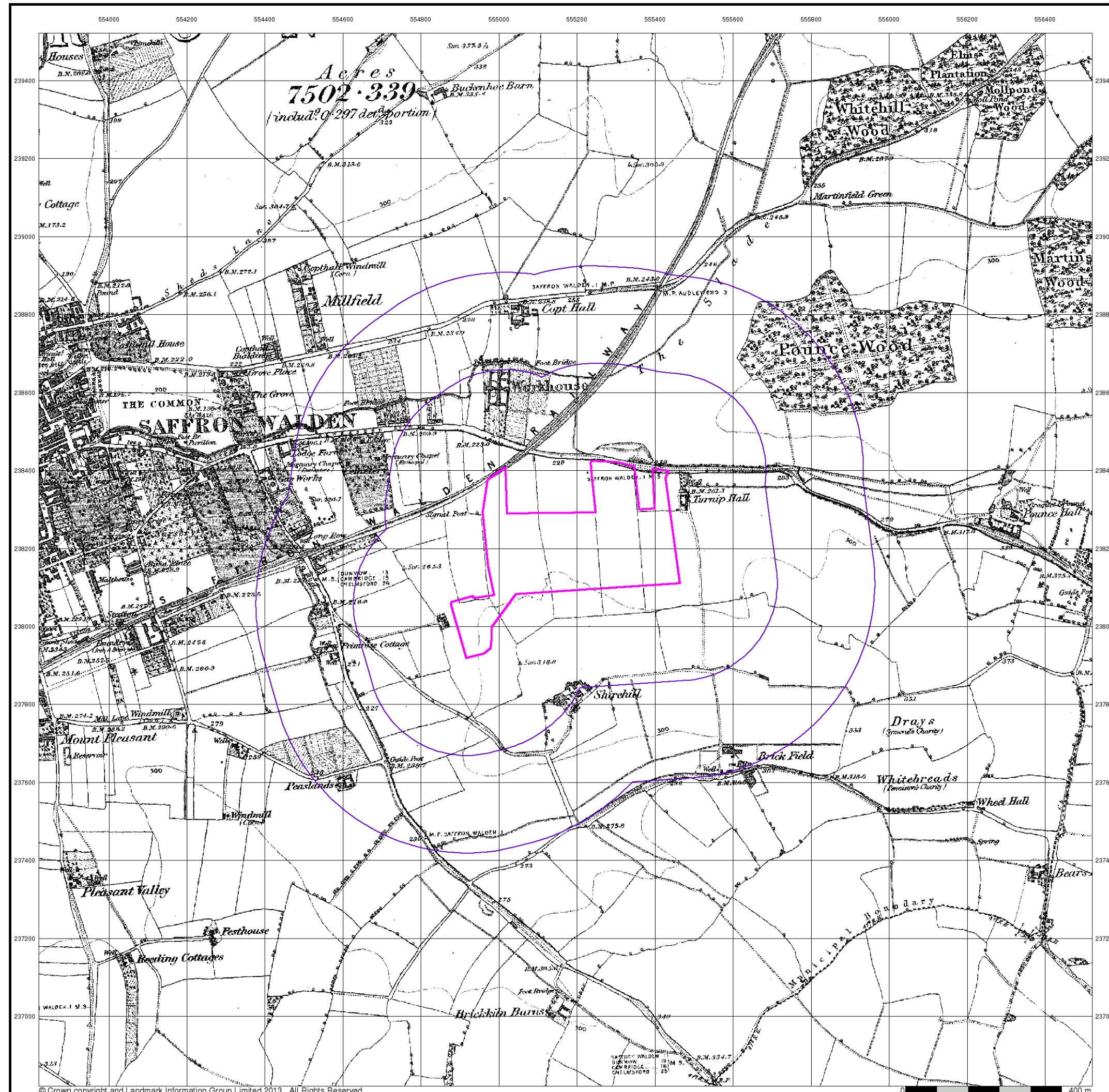


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Essex

Published 1898

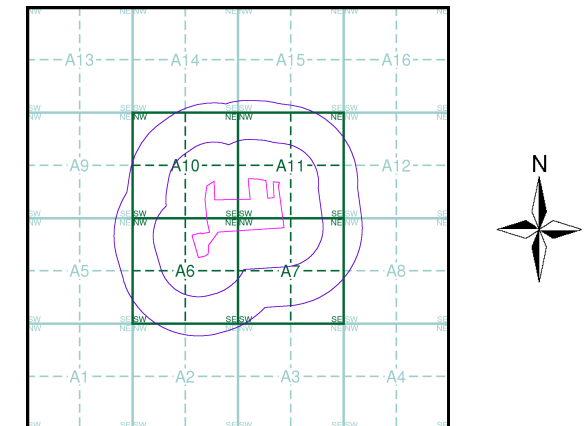
Source map scale - 1:10,560

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)

009NW	1898	1:10,560
009SW	1898	1:10,560

Historical Map - Slice A

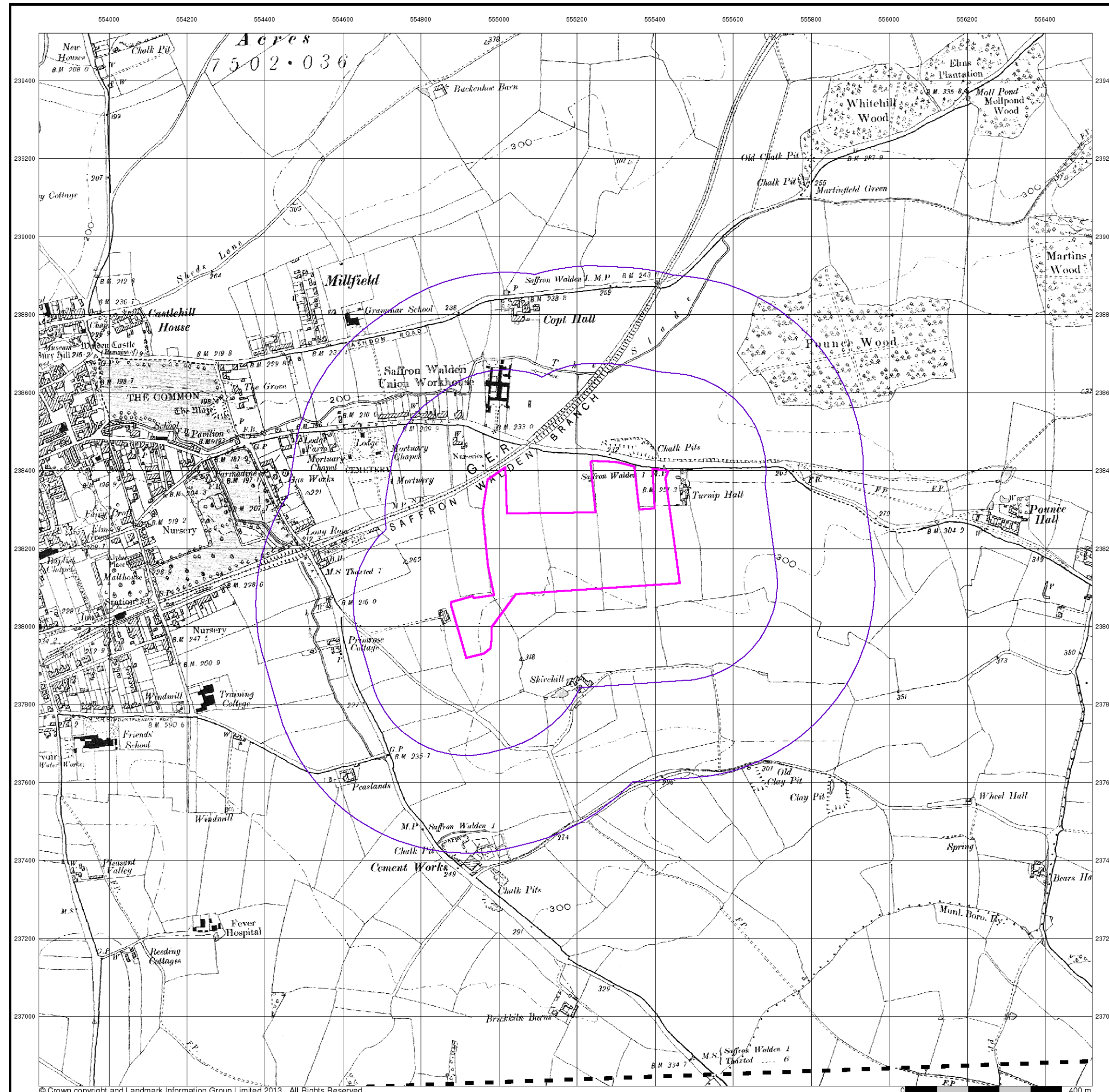


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Essex

Published 1923 - 1928

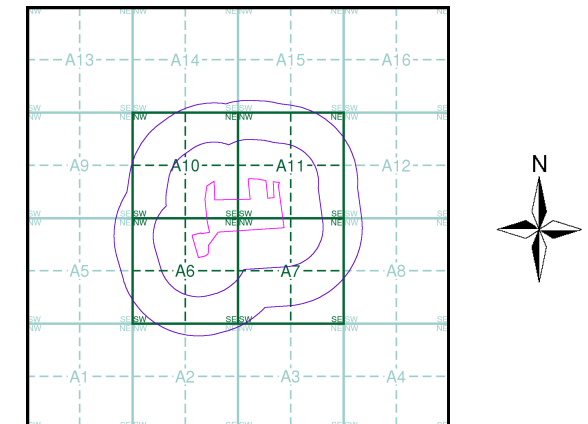
Source map scale - 1:10,560

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)

00700 1924 1:10,560	00800 1924 1:10,560
013NE 1923 1:10,560	014NW 1928 1:10,560

Historical Map - Slice A

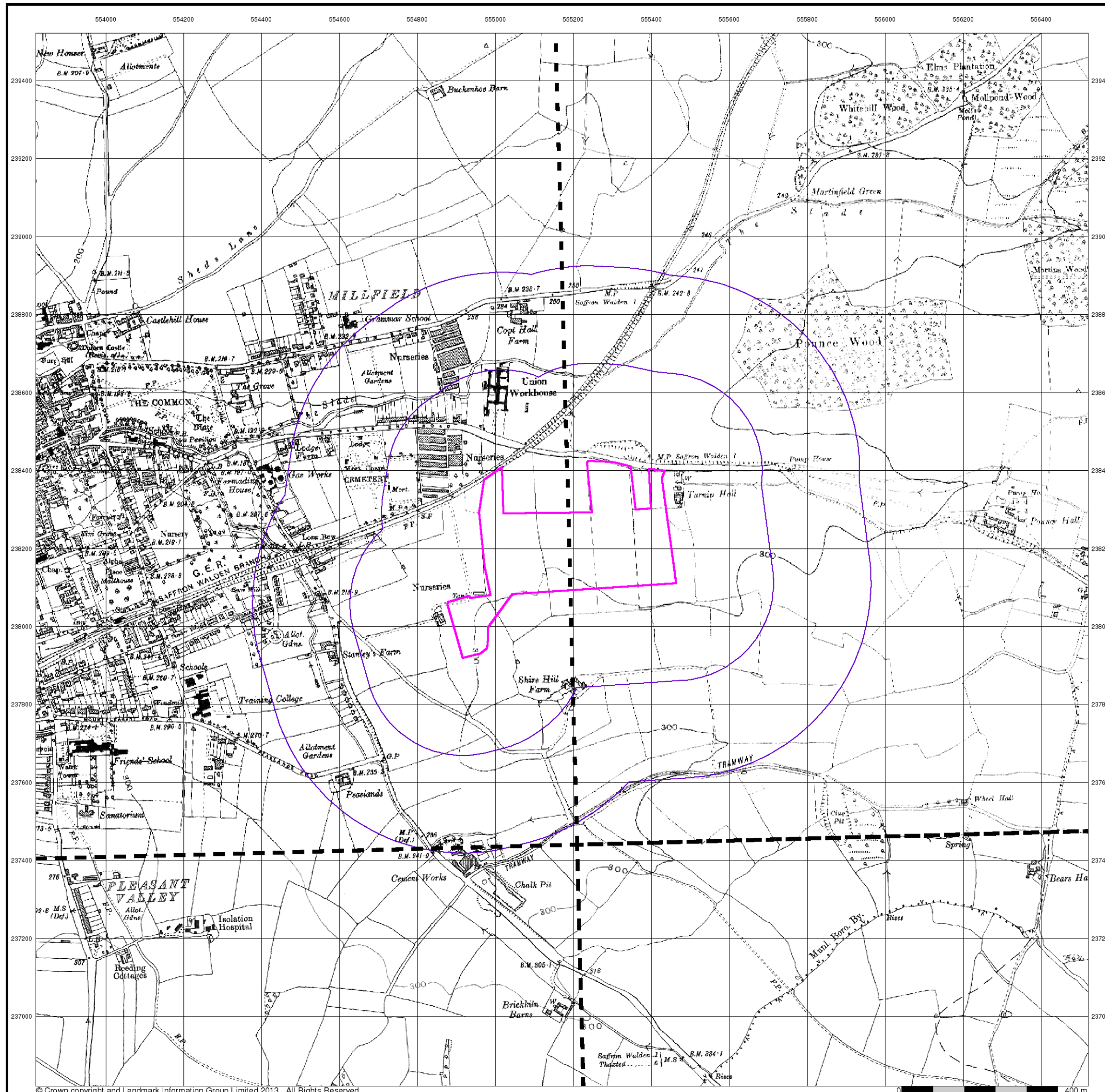


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
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 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Essex

Published 1938 - 1951

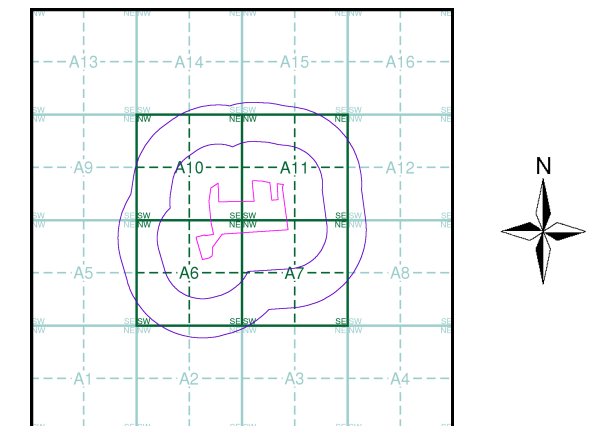
Source map scale - 1:10,560

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)

00700 1938 1:10,560	00800 1951 1:10,560
013NE 1938 1:10,560	014NW 1950 1:10,560

Historical Map - Slice A

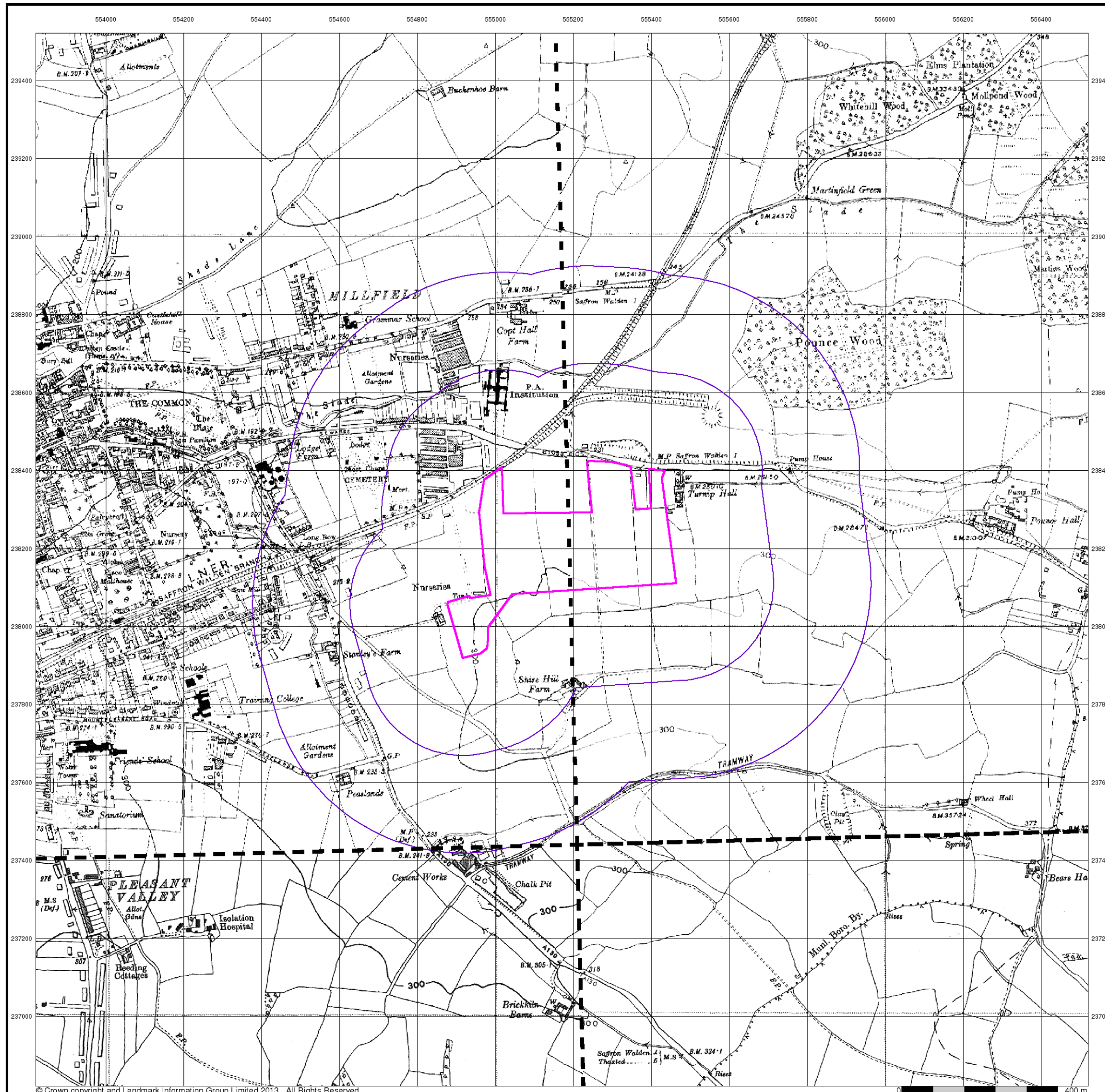


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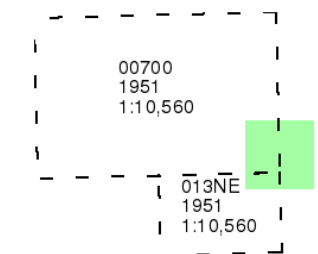
Essex

Published 1951

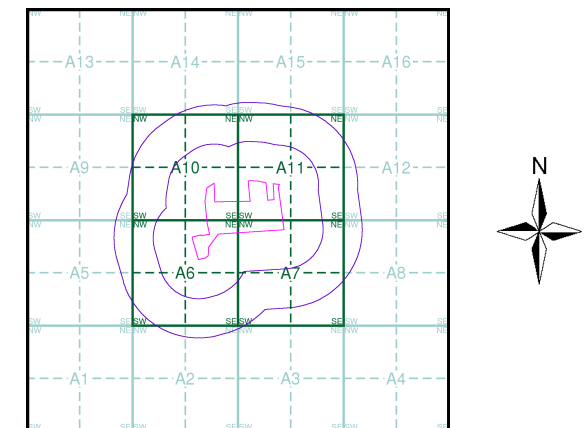
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

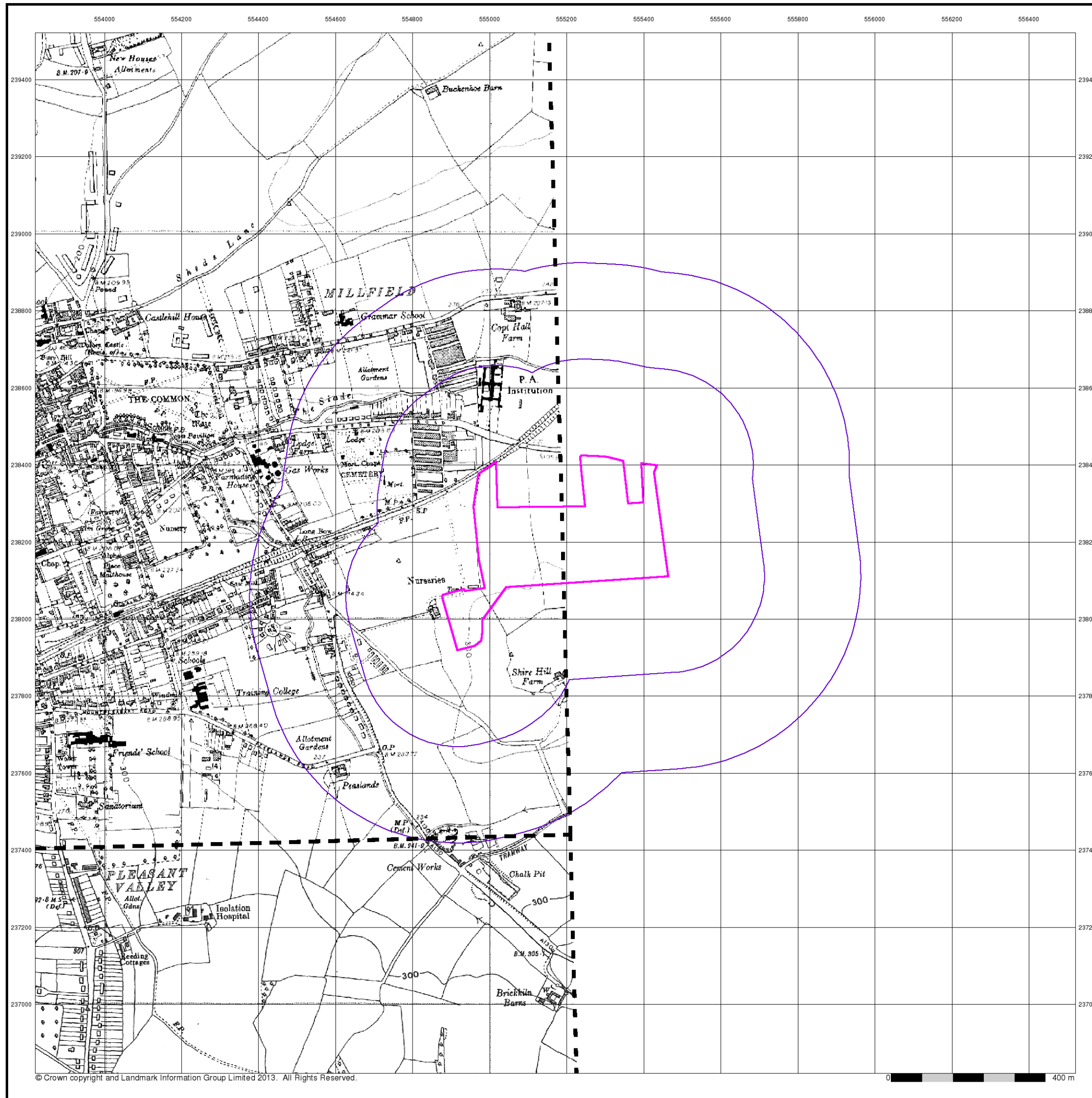


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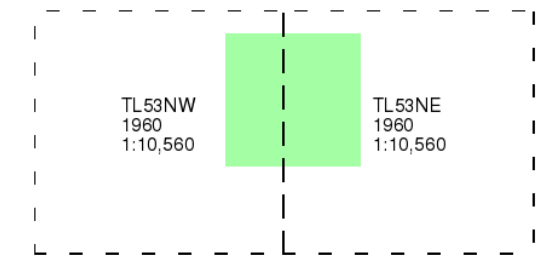
Ordnance Survey Plan

Published 1960

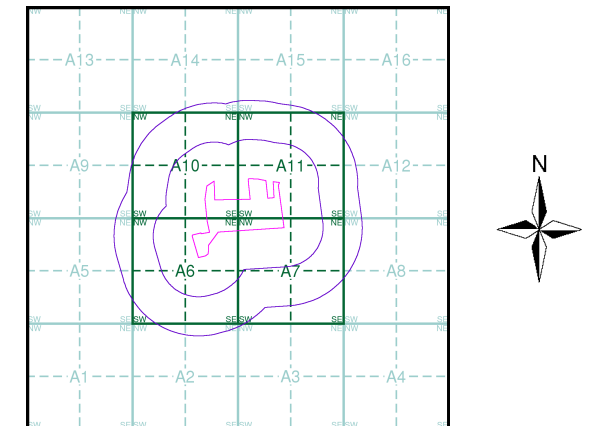
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

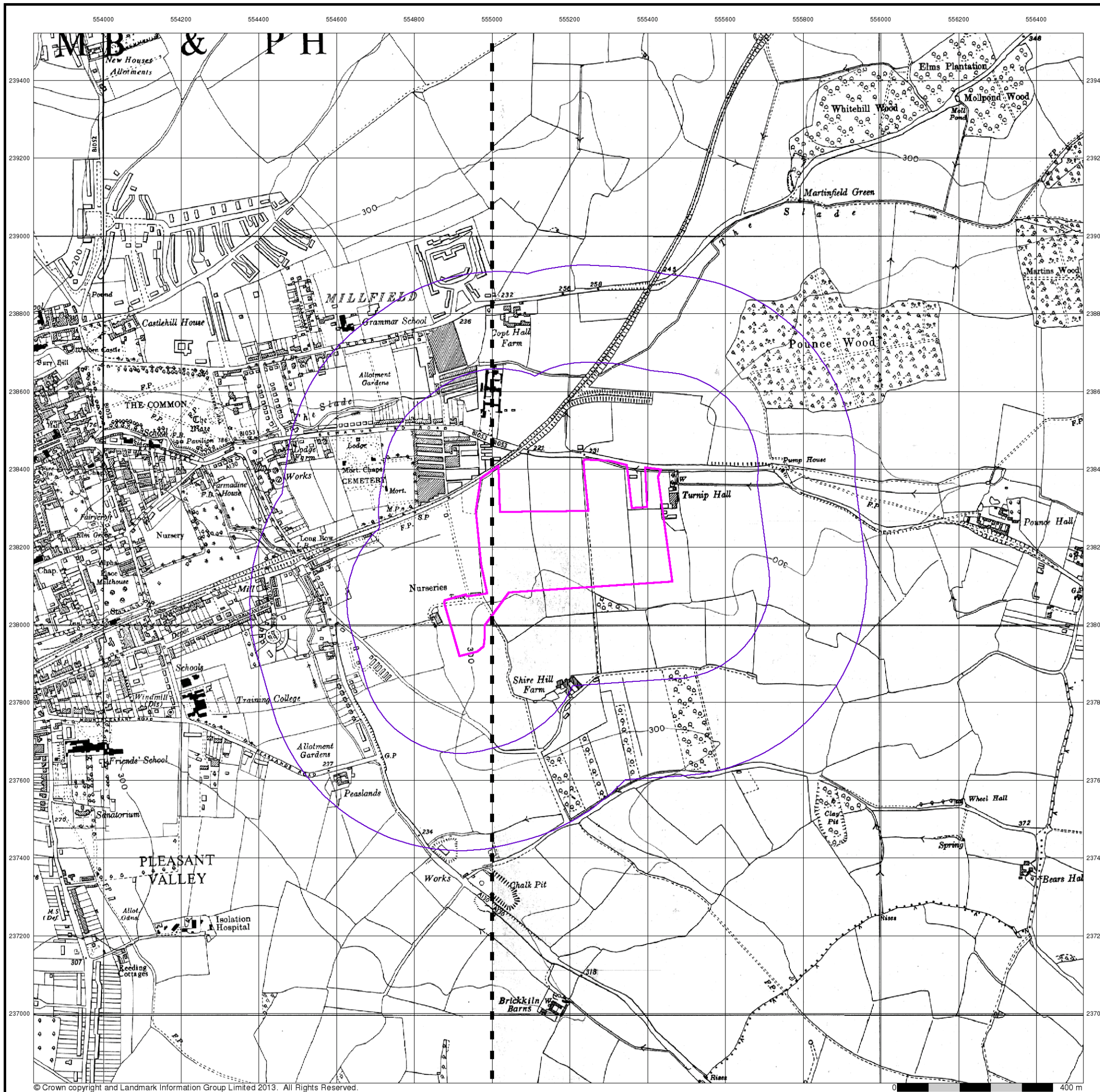


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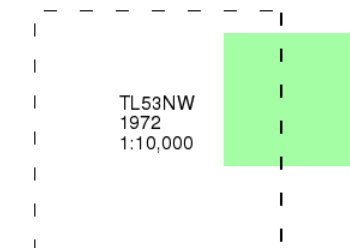
Ordnance Survey Plan

Published 1972

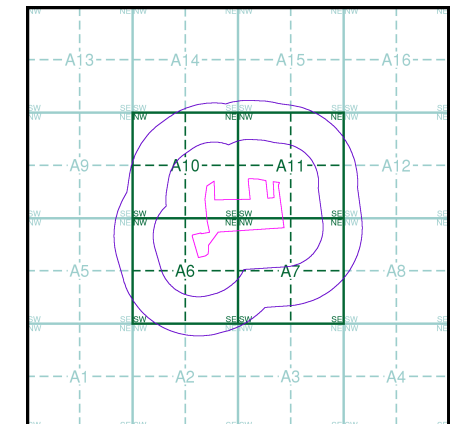
Source map scale - 1:10,000

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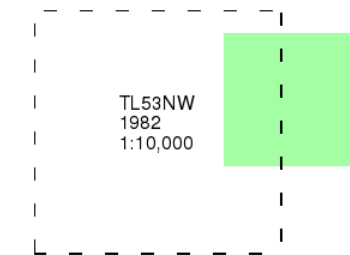
Ordnance Survey Plan

Published 1982

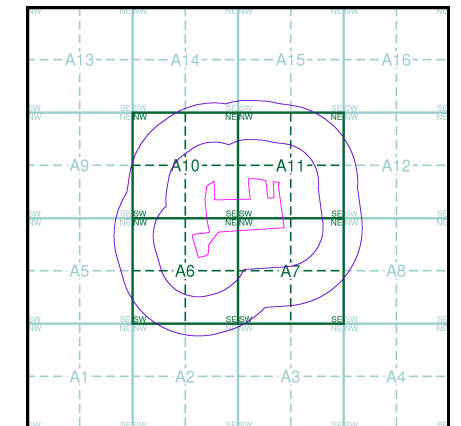
Source map scale - 1:10,000

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



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Site Details

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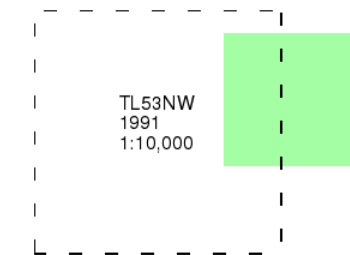
Ordnance Survey Plan

Published 1991

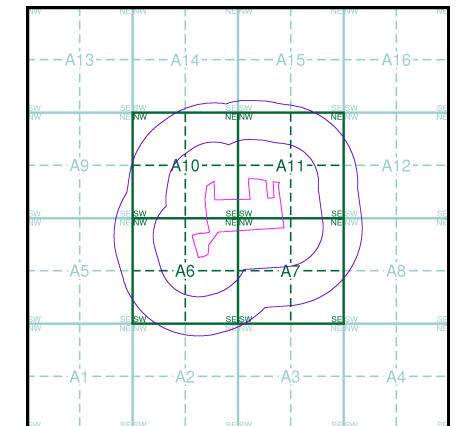
Source map scale - 1:10,000

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: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



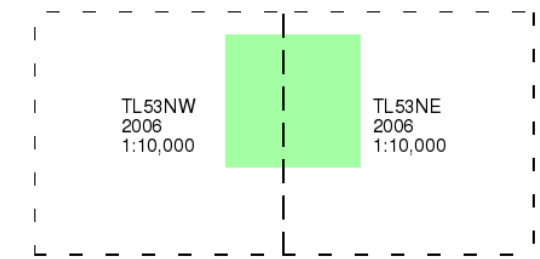
10k Raster Mapping

Published 2006

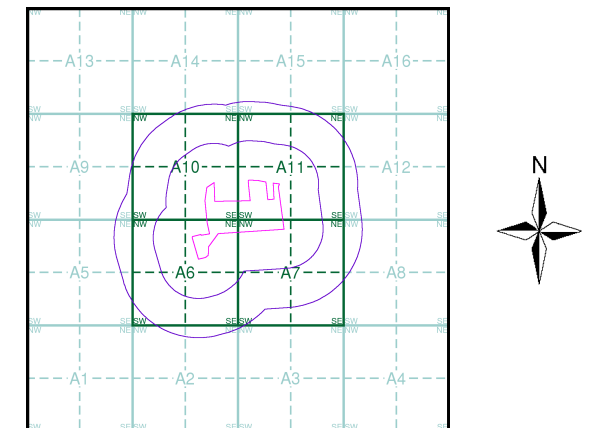
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

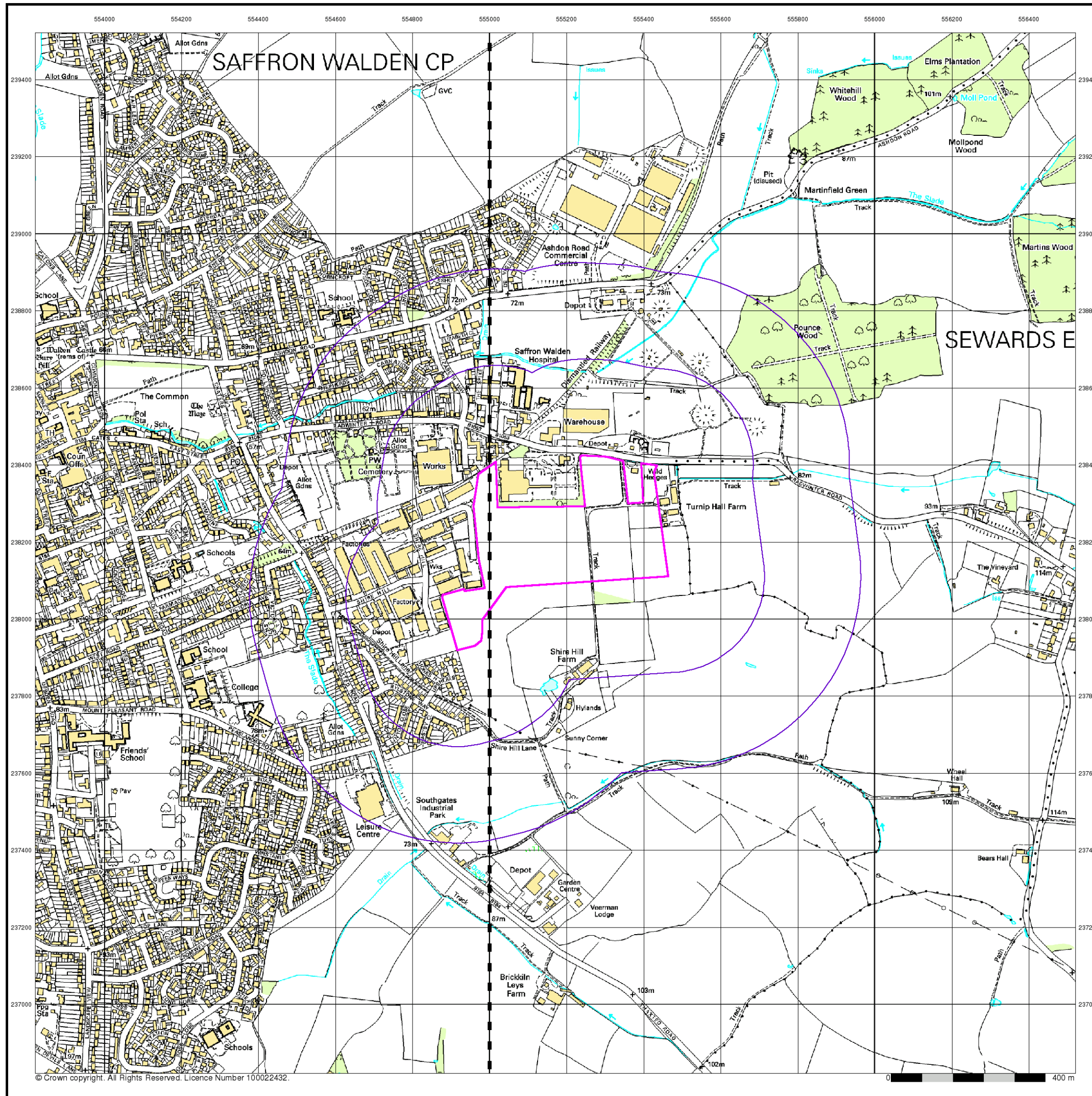


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 500

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



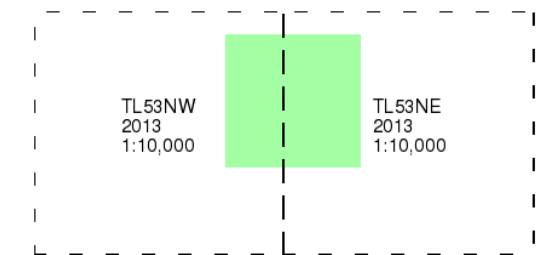
10k Raster Mapping

Published 2013

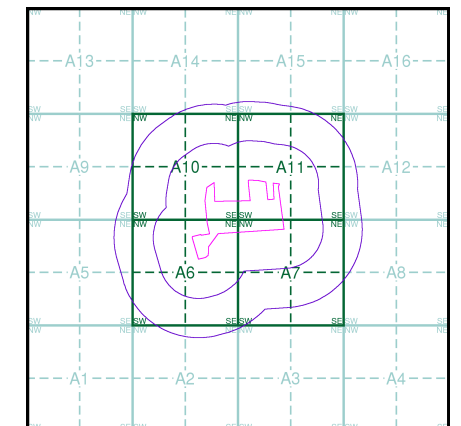
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

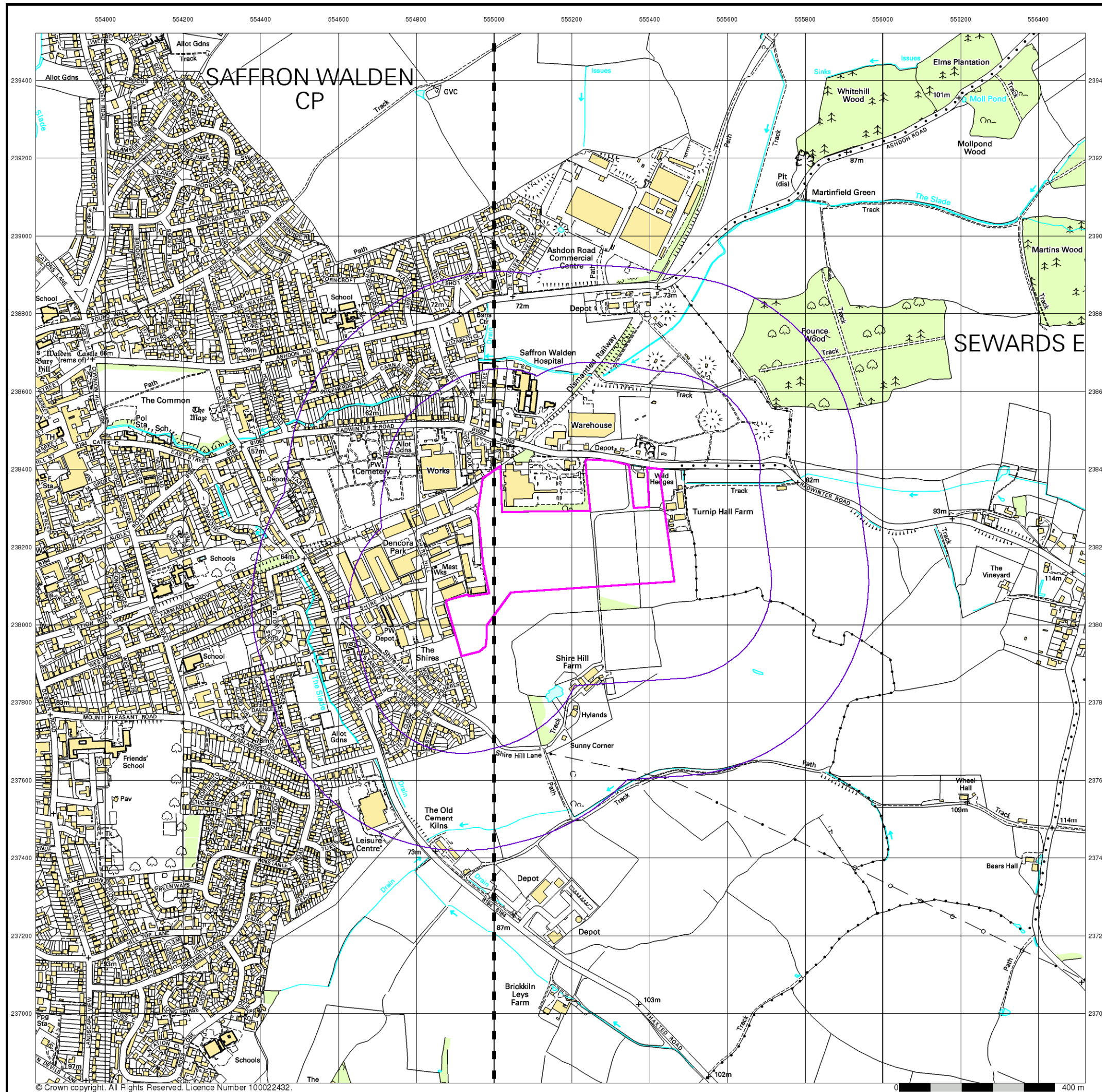


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Order Number: 51585400_1_1
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Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

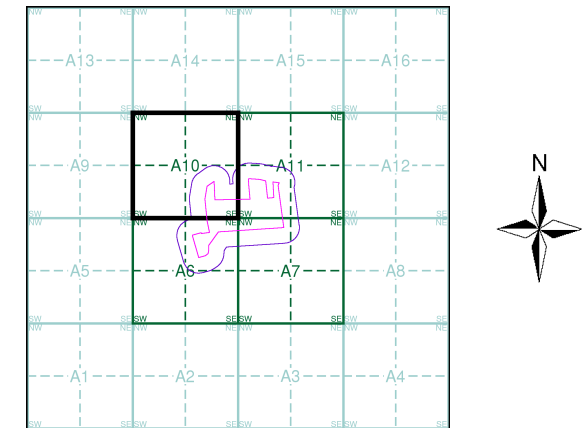
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877 - 1881	2
Essex	1:2,500	1897	3
Essex	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1970	5
Additional SIMs	1:2,500	1978 - 1983	6
Additional SIMs	1:2,500	1983	7
Additional SIMs	1:2,500	1987	8
Ordnance Survey Plan	1:2,500	1989	9
Additional SIMs	1:2,500	1990	10
Large-Scale National Grid Data	1:2,500	1993	11
Large-Scale National Grid Data	1:2,500	1994	12
Large-Scale National Grid Data	1:2,500	1995	13
Large-Scale National Grid Data	1:2,500	1995	14

Historical Map - Segment A10



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
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 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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

Essex

Published 1877 - 1881

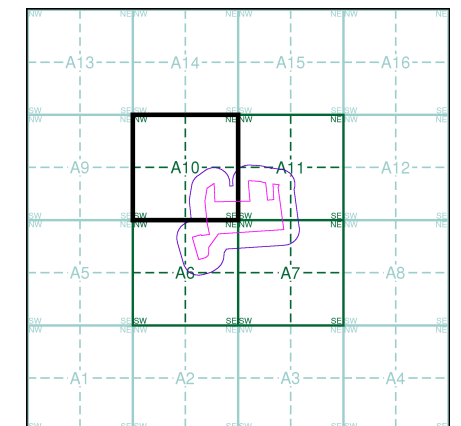
Source map scale - 1:2,500

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)

009_02	1881	1:2,500
009_06	1877	1:2,500

Historical Map - Segment A10

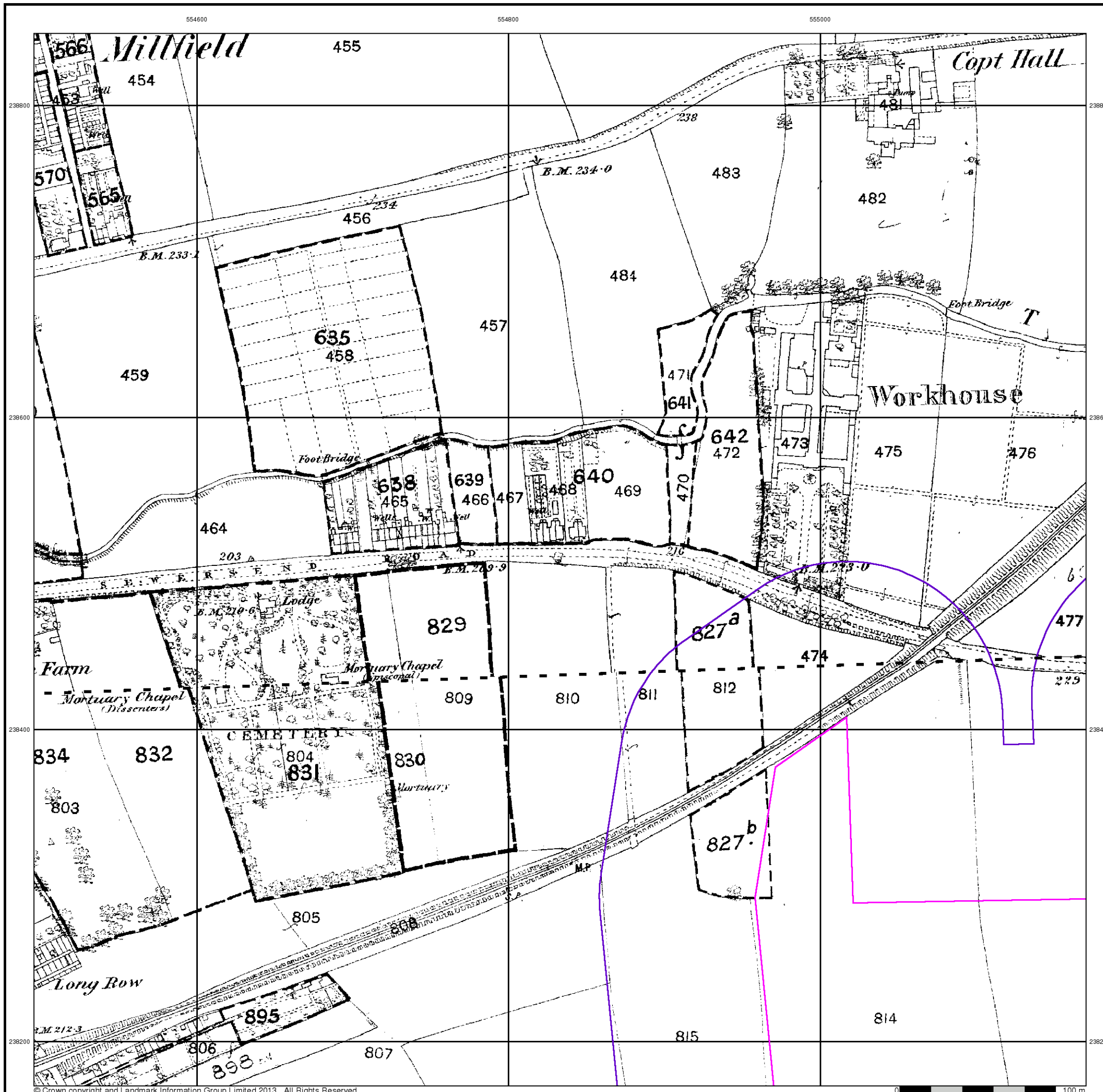


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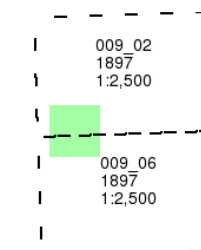
Essex

Published 1897

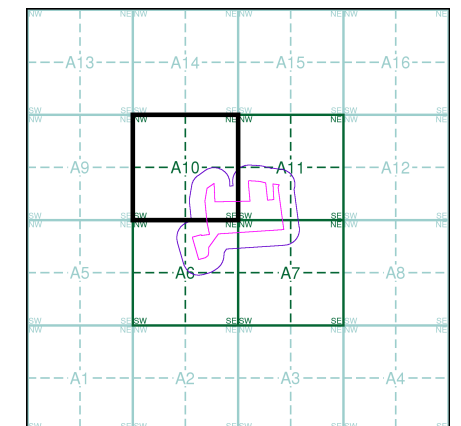
Source map scale - 1:2,500

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 A10

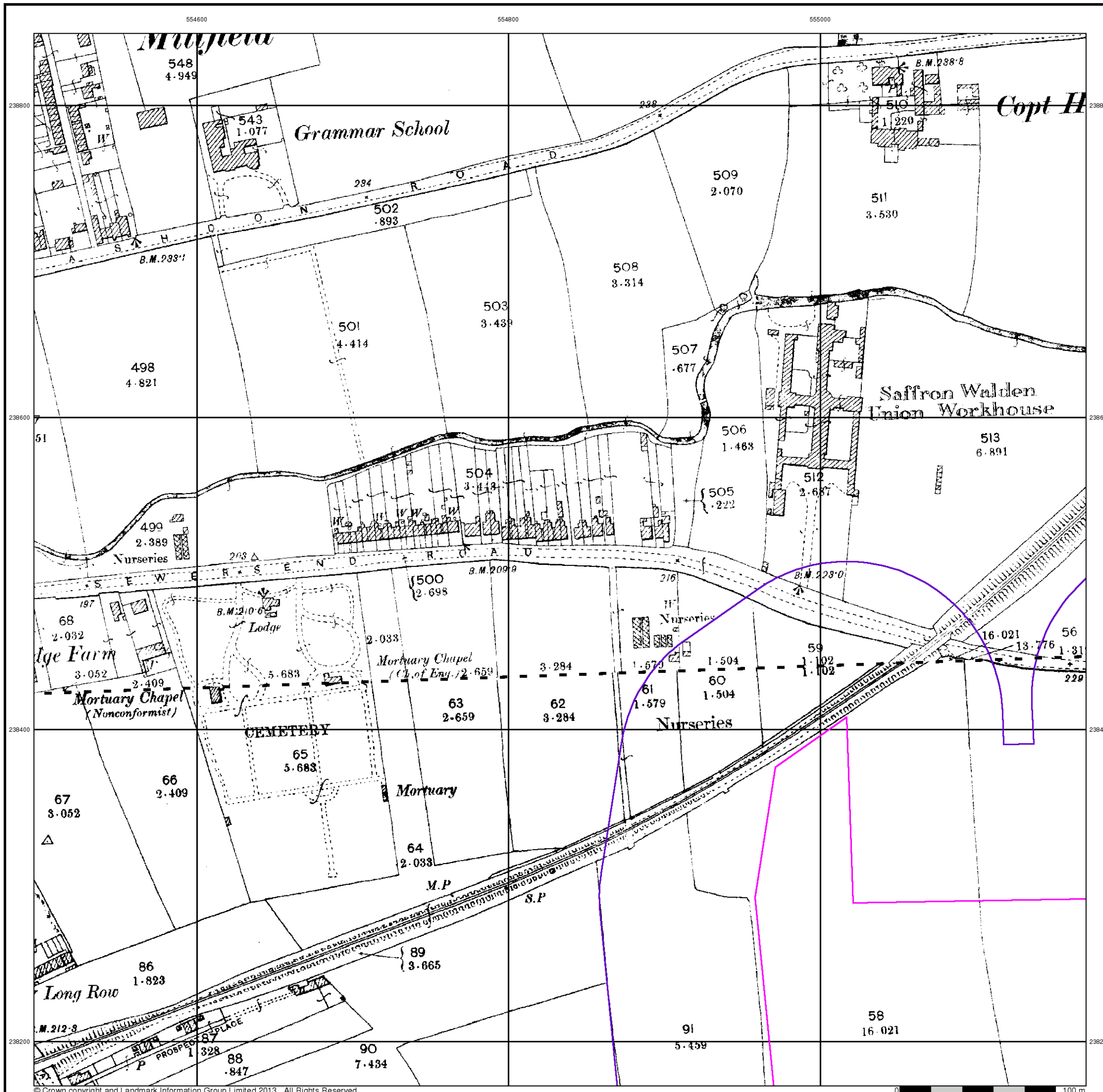


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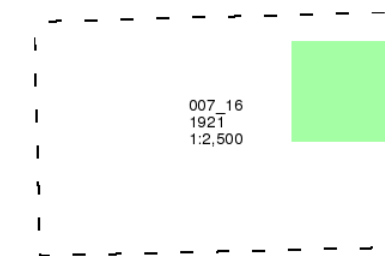
Essex

Published 1921

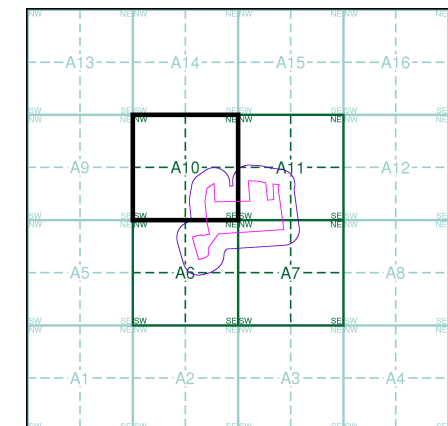
Source map scale - 1:2,500

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 A10

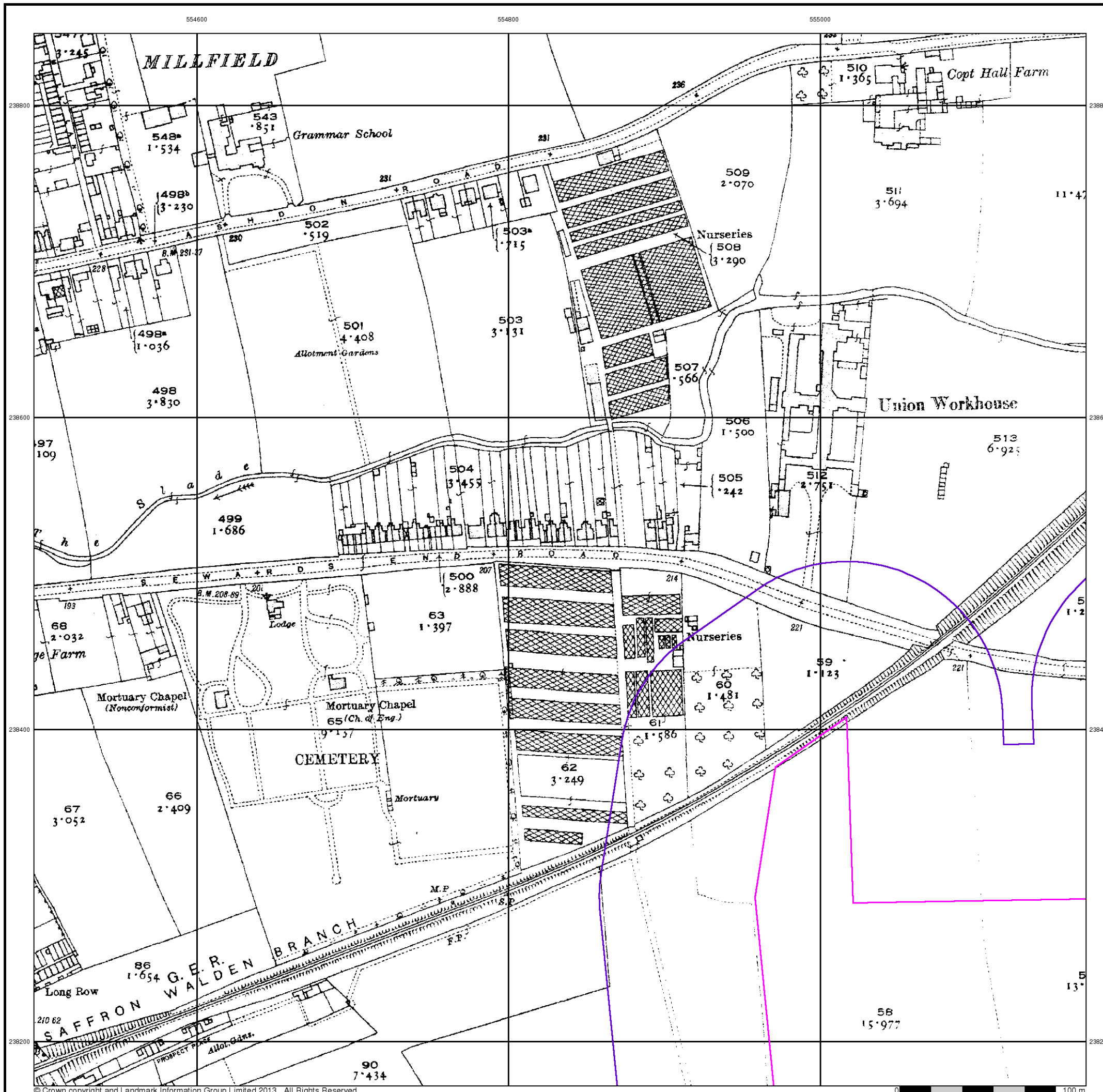


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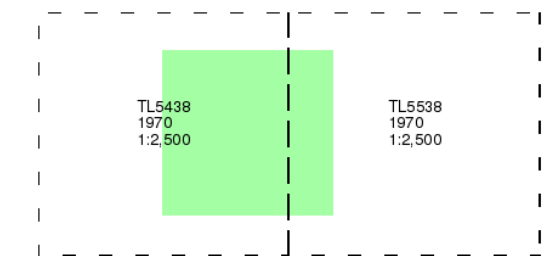
Ordnance Survey Plan

Published 1970

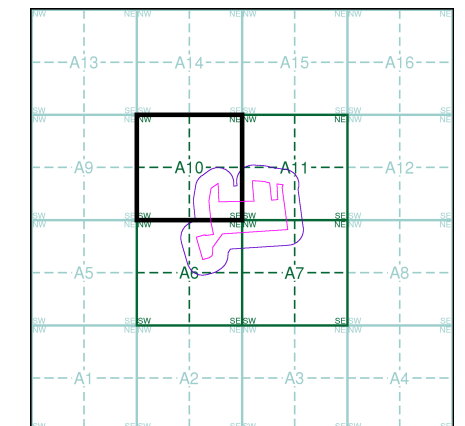
Source map scale - 1:2,500

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 A10

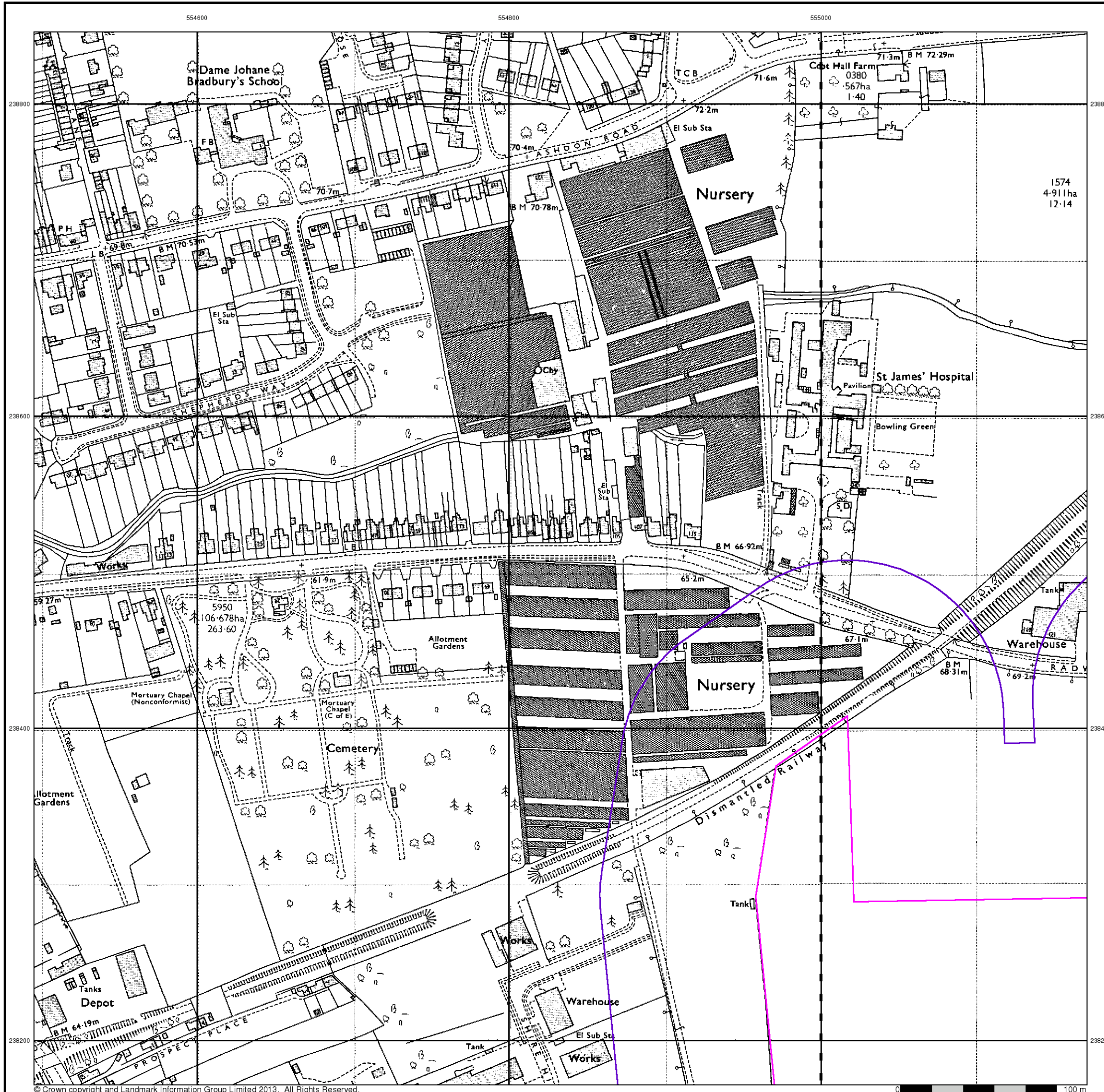


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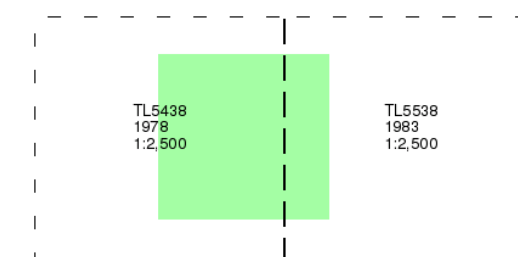
Additional SIMs

Published 1978 - 1983

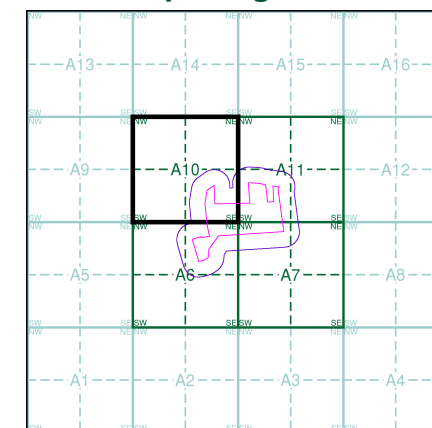
Source map scale - 1:2,500

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)



Historical Map - Segment A10

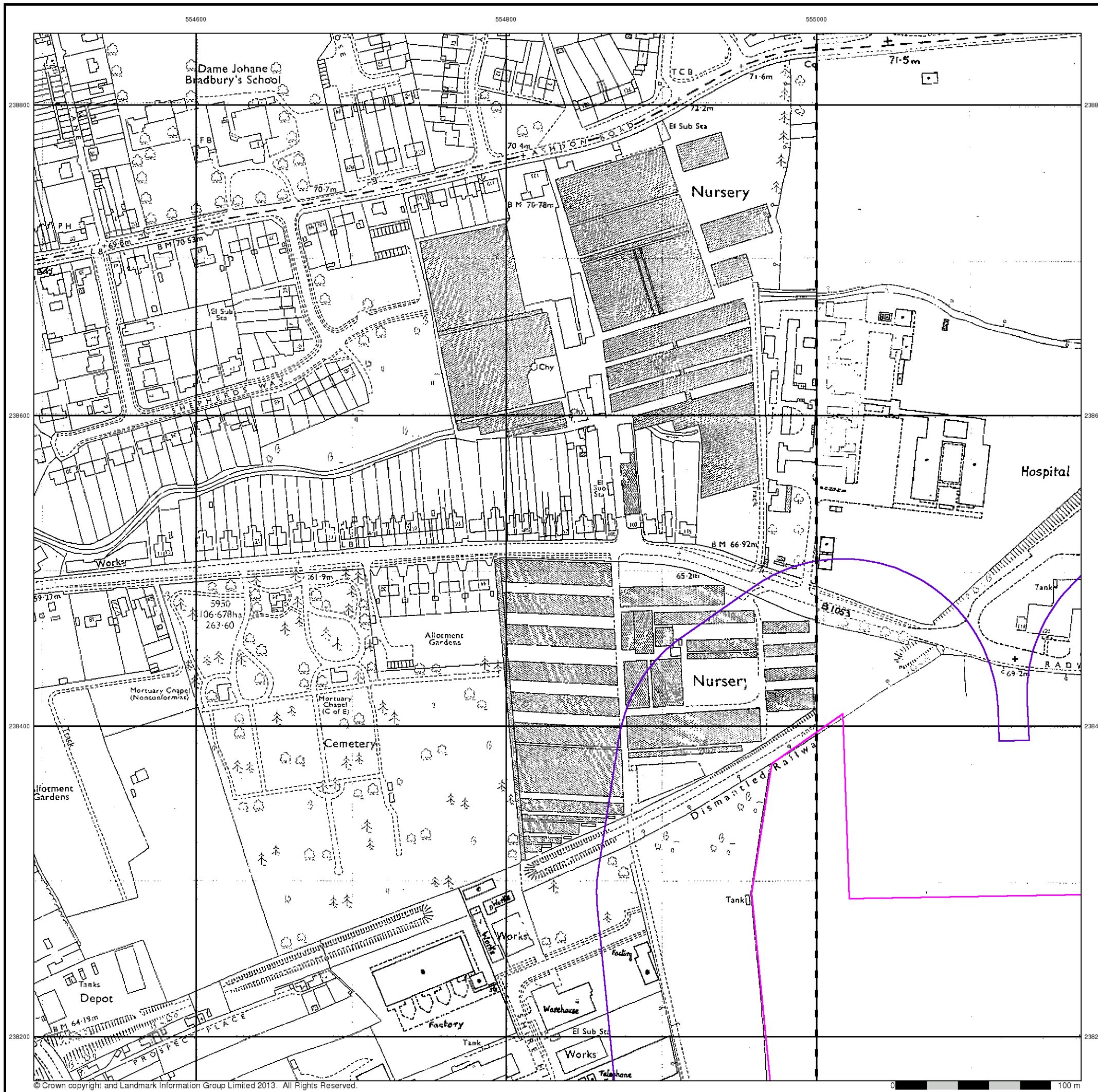


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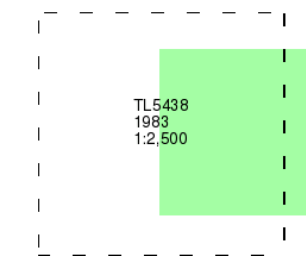
Additional SIMs

Published 1983

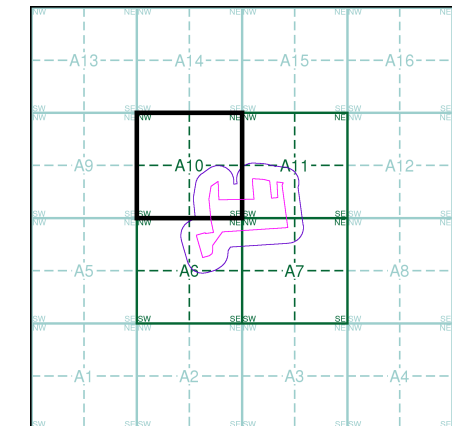
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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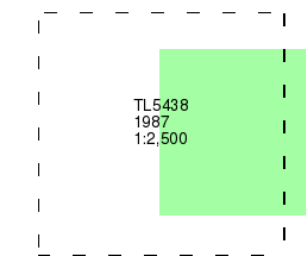
Additional SIMs

Published 1987

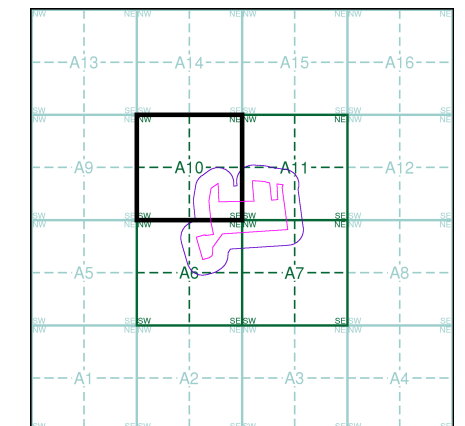
Source map scale - 1:2,500

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.

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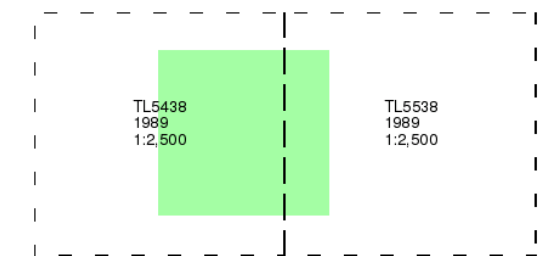
Ordnance Survey Plan

Published 1989

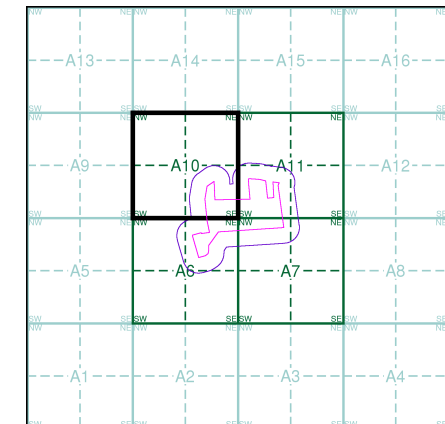
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10

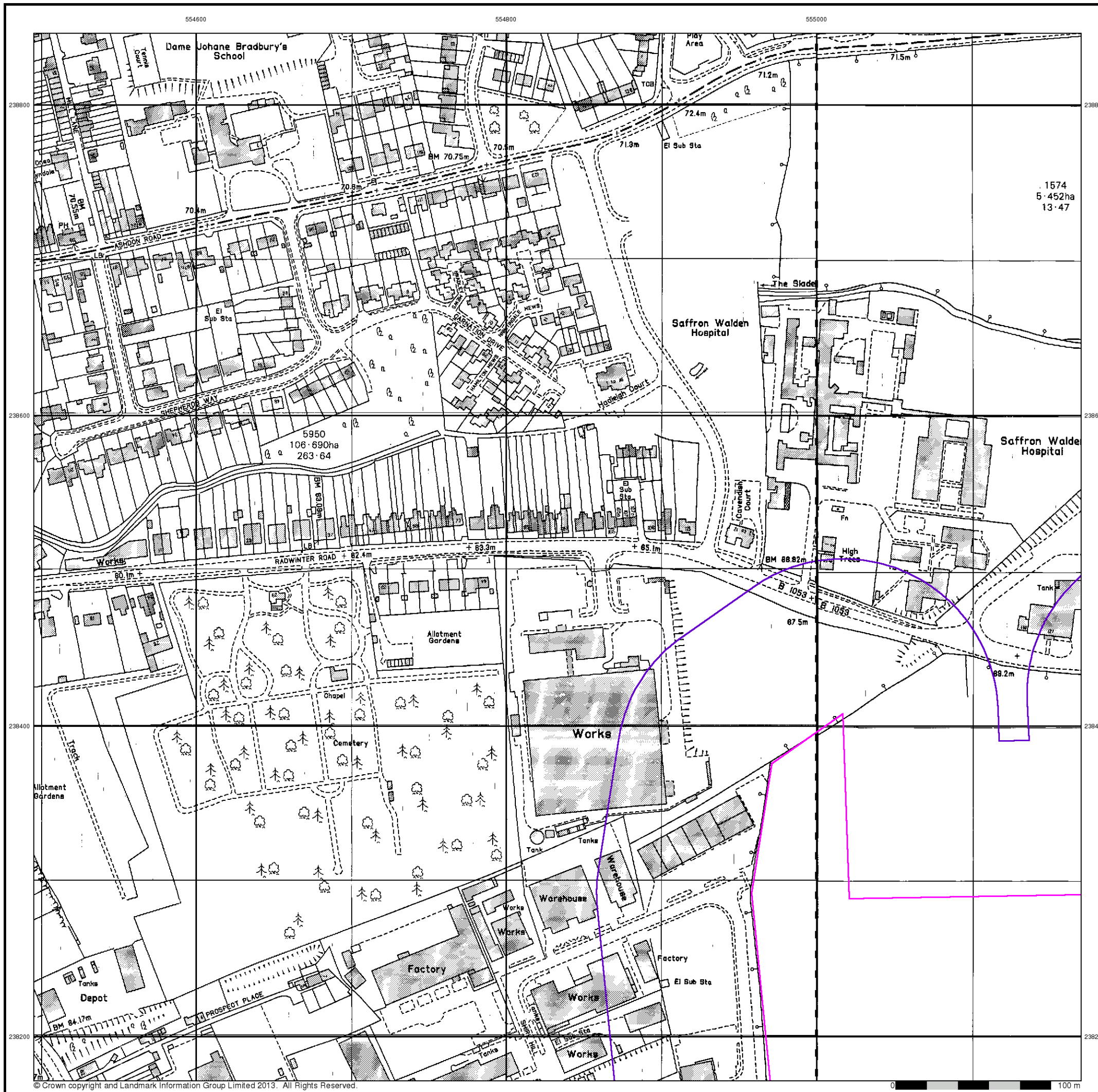


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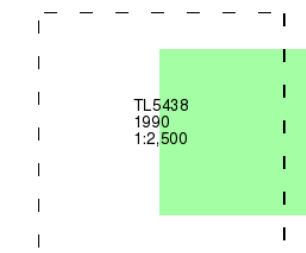
Additional SIMs

Published 1990

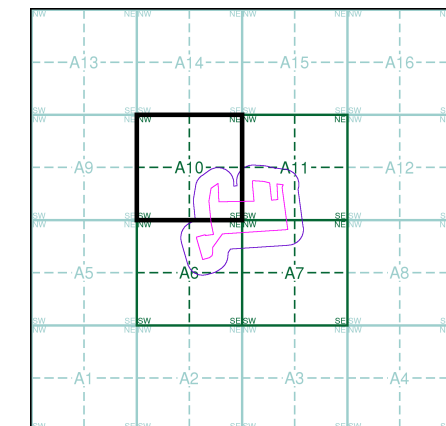
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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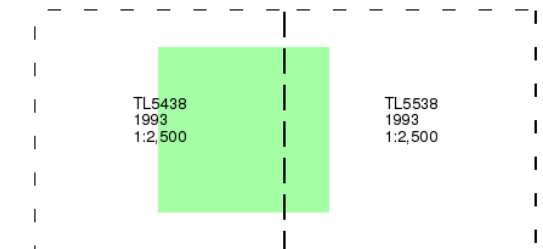
Large-Scale National Grid Data

Published 1993

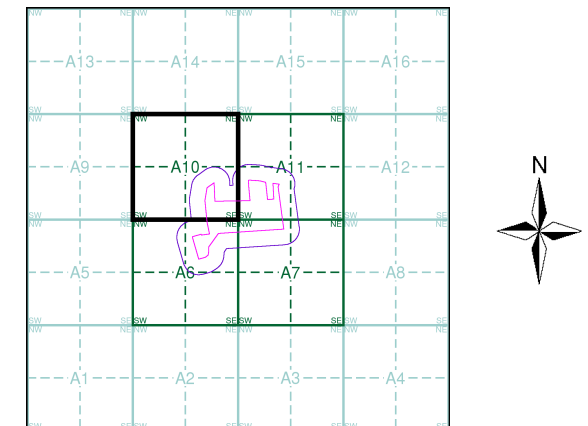
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

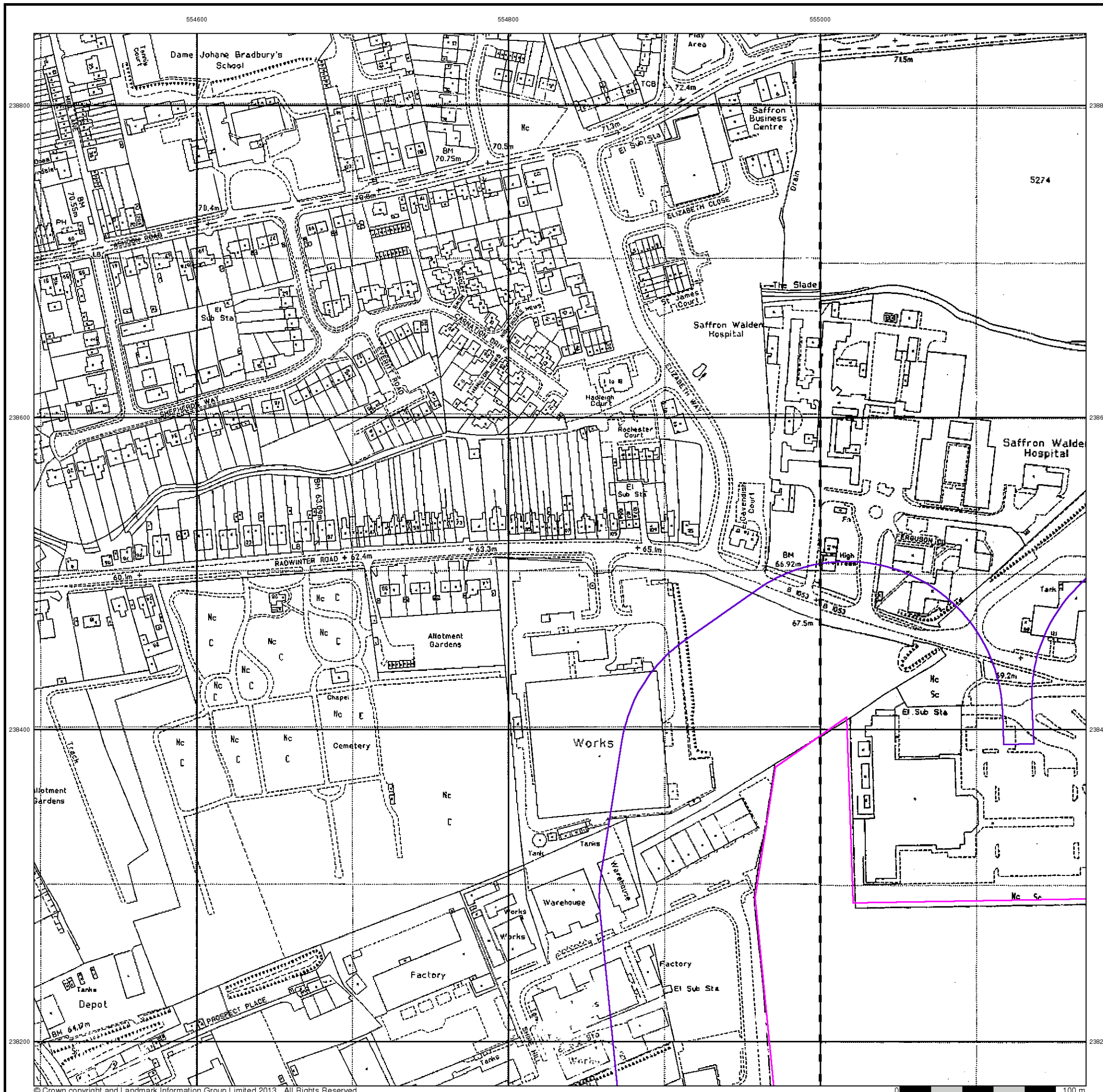


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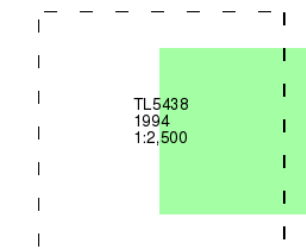
Large-Scale National Grid Data

Published 1994

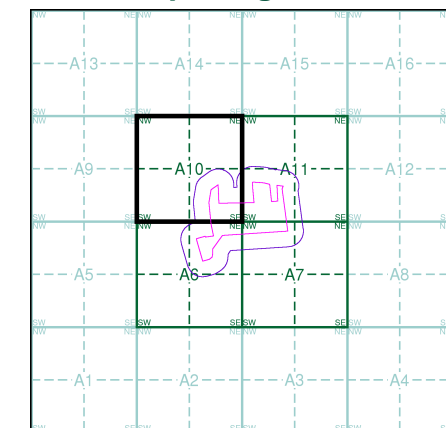
Source map scale - 1:2,500

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Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



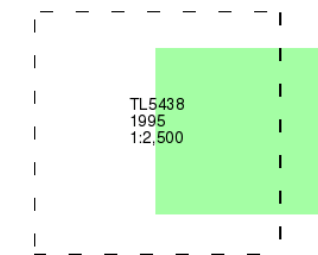
Large-Scale National Grid Data

Published 1995

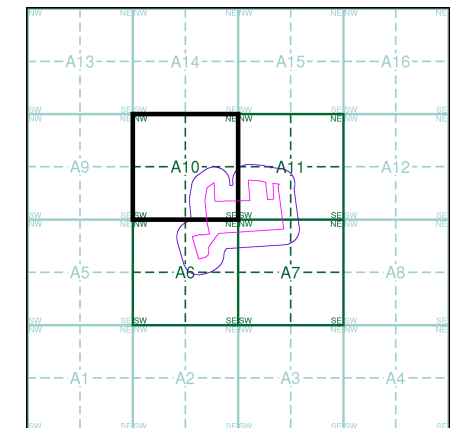
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



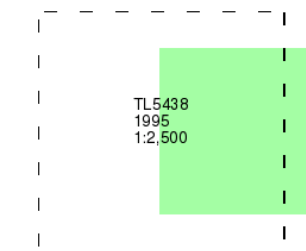
Large-Scale National Grid Data

Published 1995

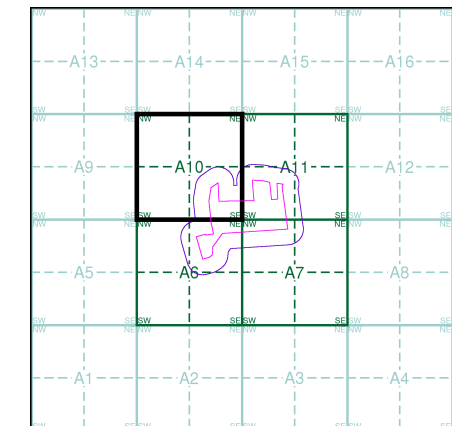
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

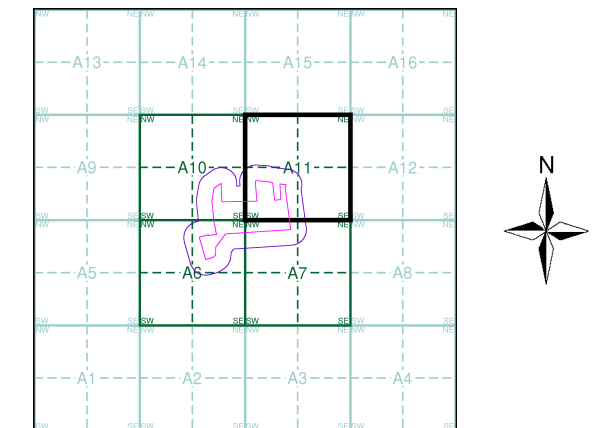
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877 - 1881	2
Essex	1:2,500	1897	3
Essex	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1970	5
Additional SIMs	1:2,500	1983	6
Ordnance Survey Plan	1:2,500	1989	7
Large-Scale National Grid Data	1:2,500	1993	8

Historical Map - Segment A11



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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

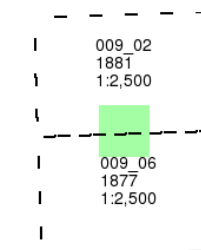
Essex

Published 1877 - 1881

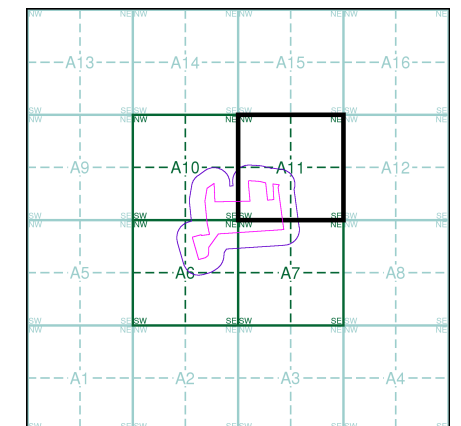
Source map scale - 1:2,500

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 A11

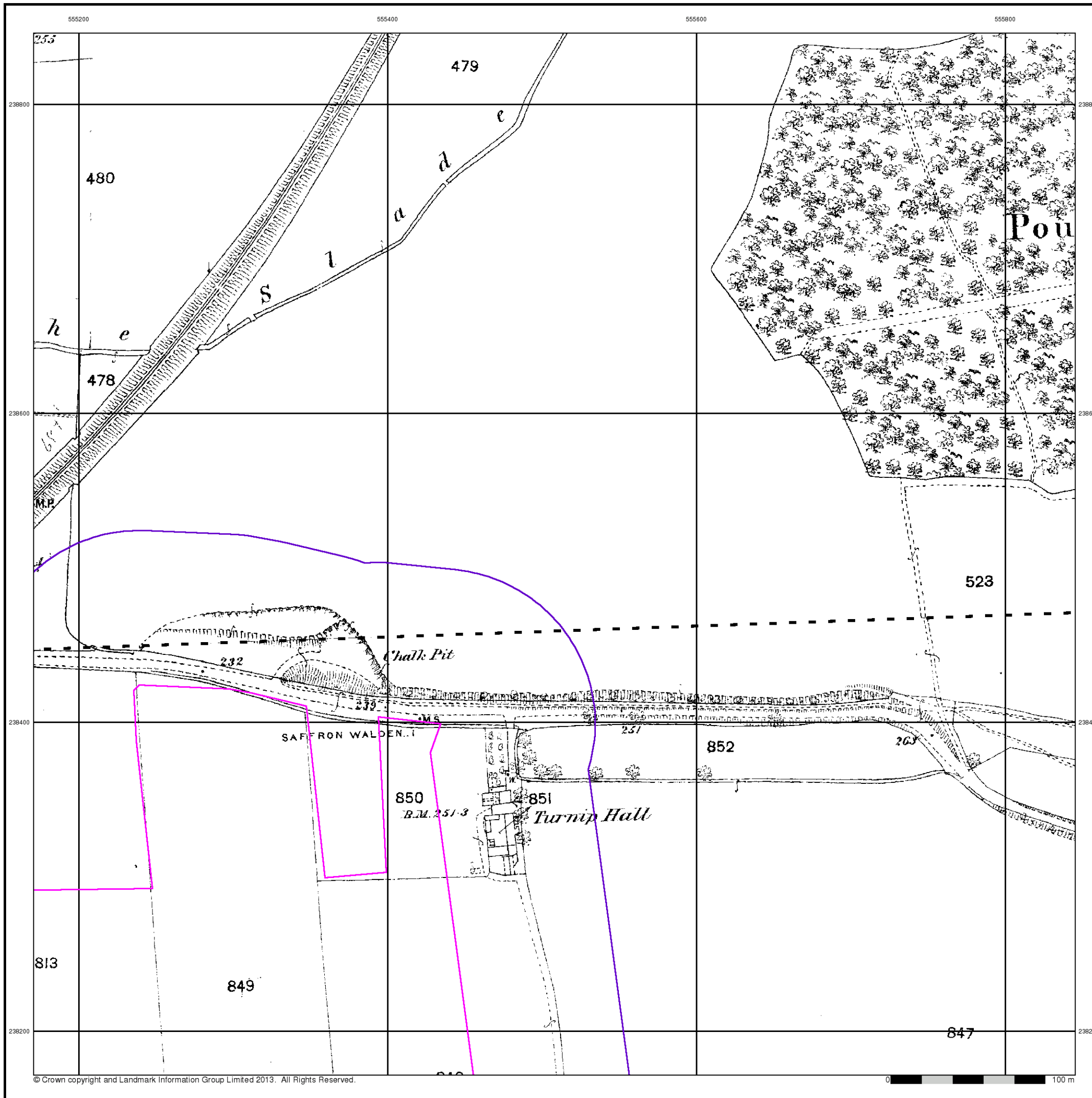


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



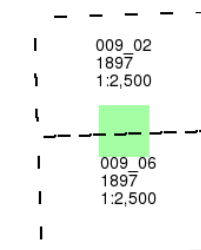
Essex

Published 1897

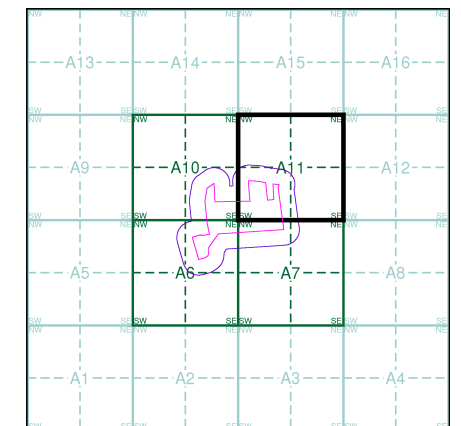
Source map scale - 1:2,500

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 A11

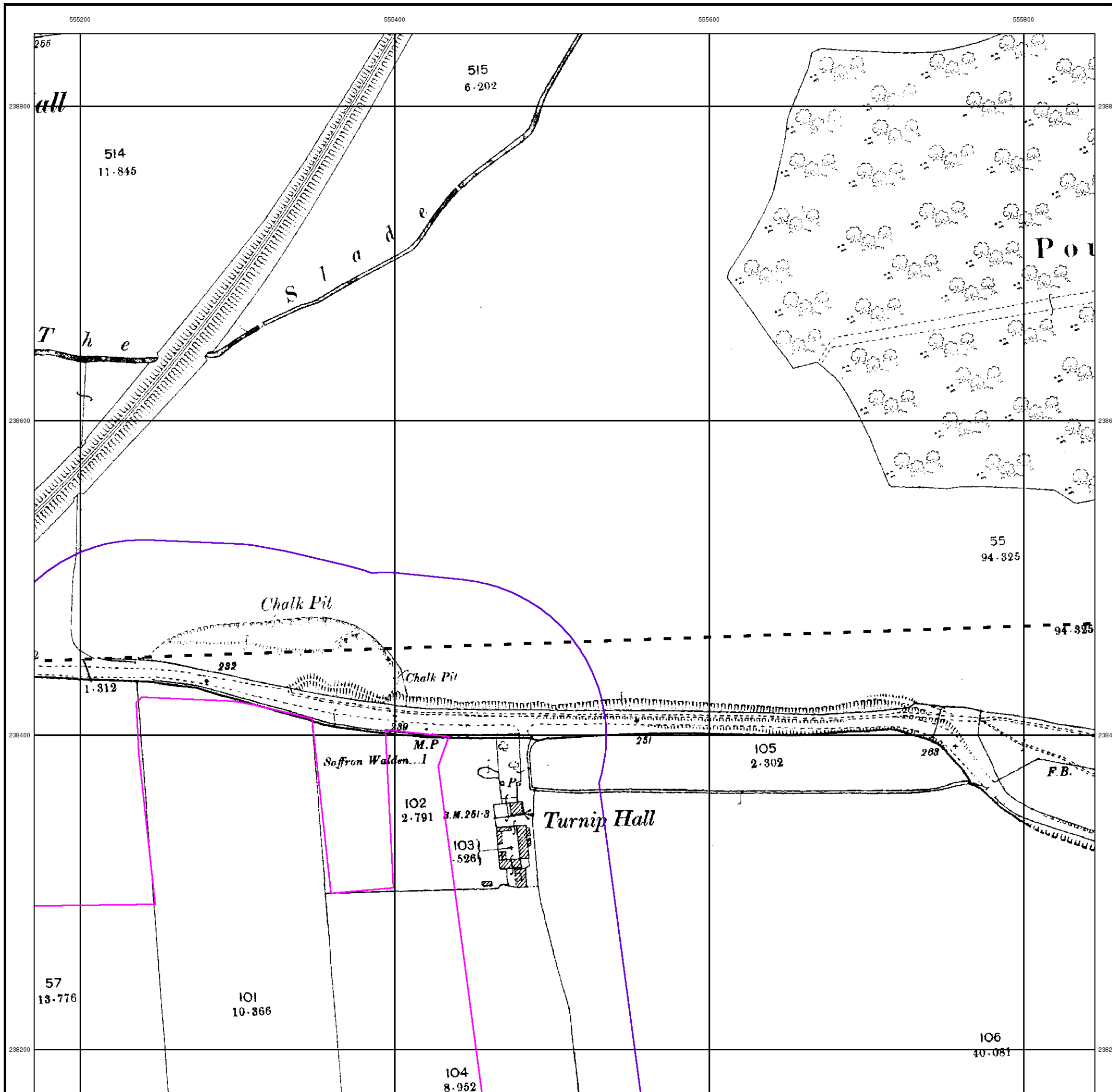


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



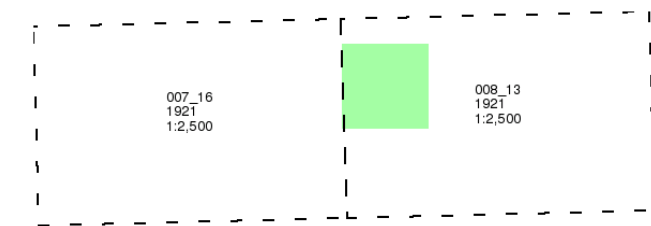
Essex

Published 1921

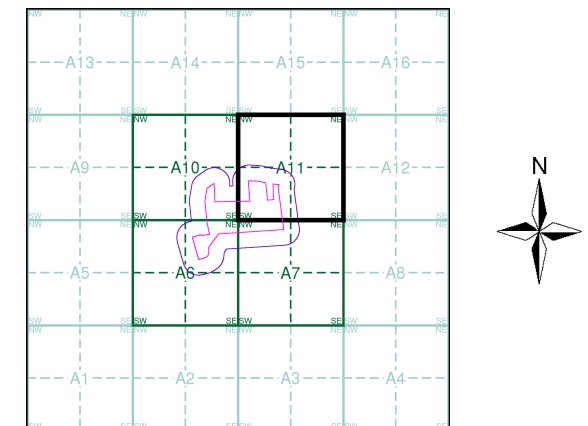
Source map scale - 1:2,500

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 A11

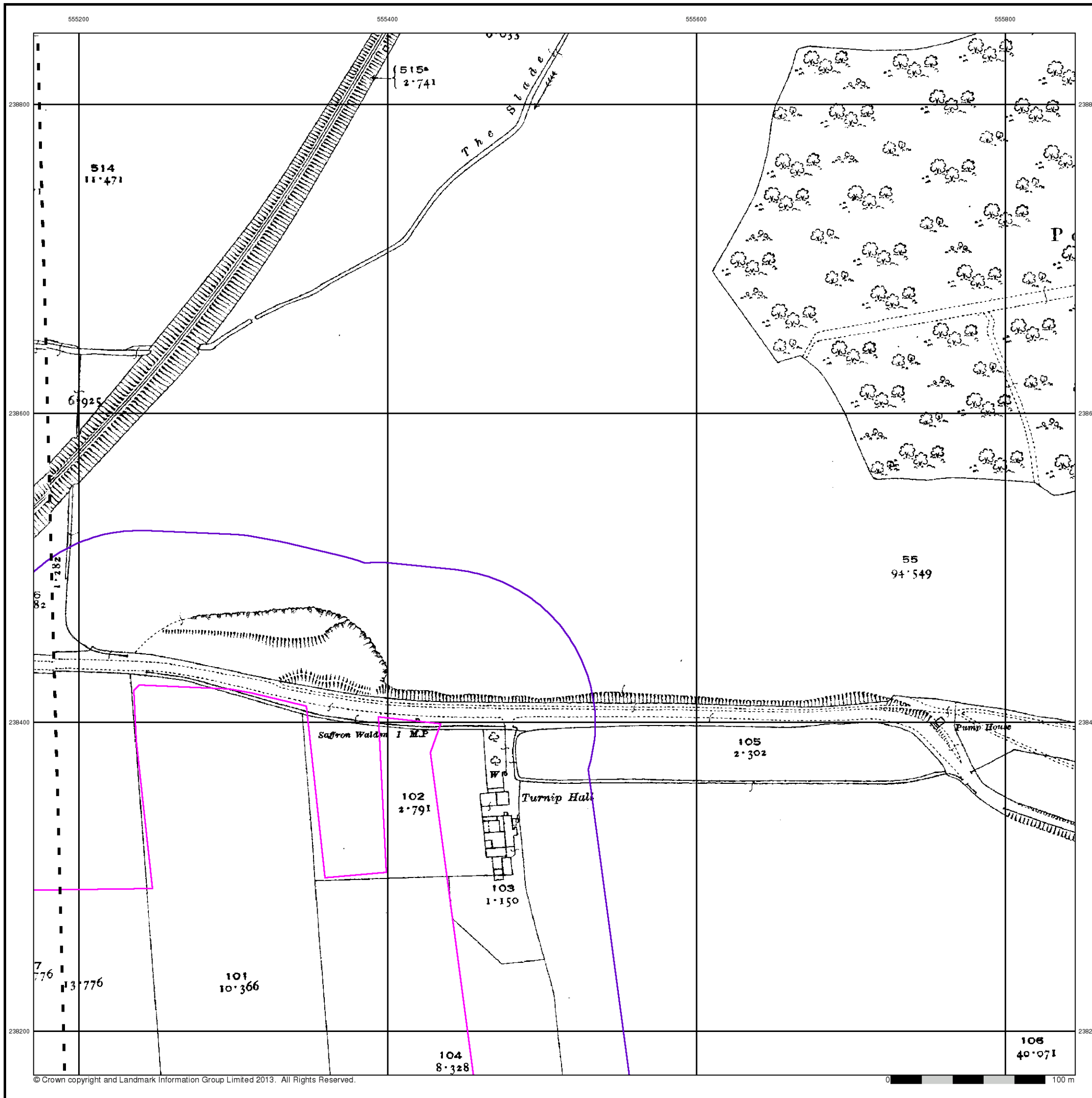


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



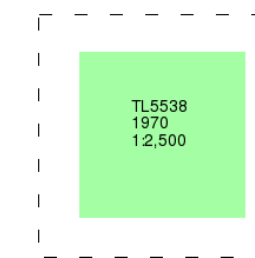
Ordnance Survey Plan

Published 1970

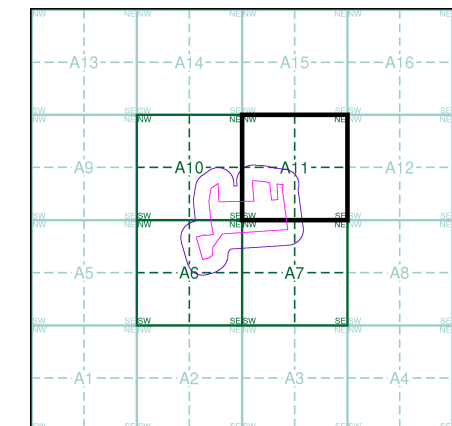
Source map scale - 1:2,500

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 A11

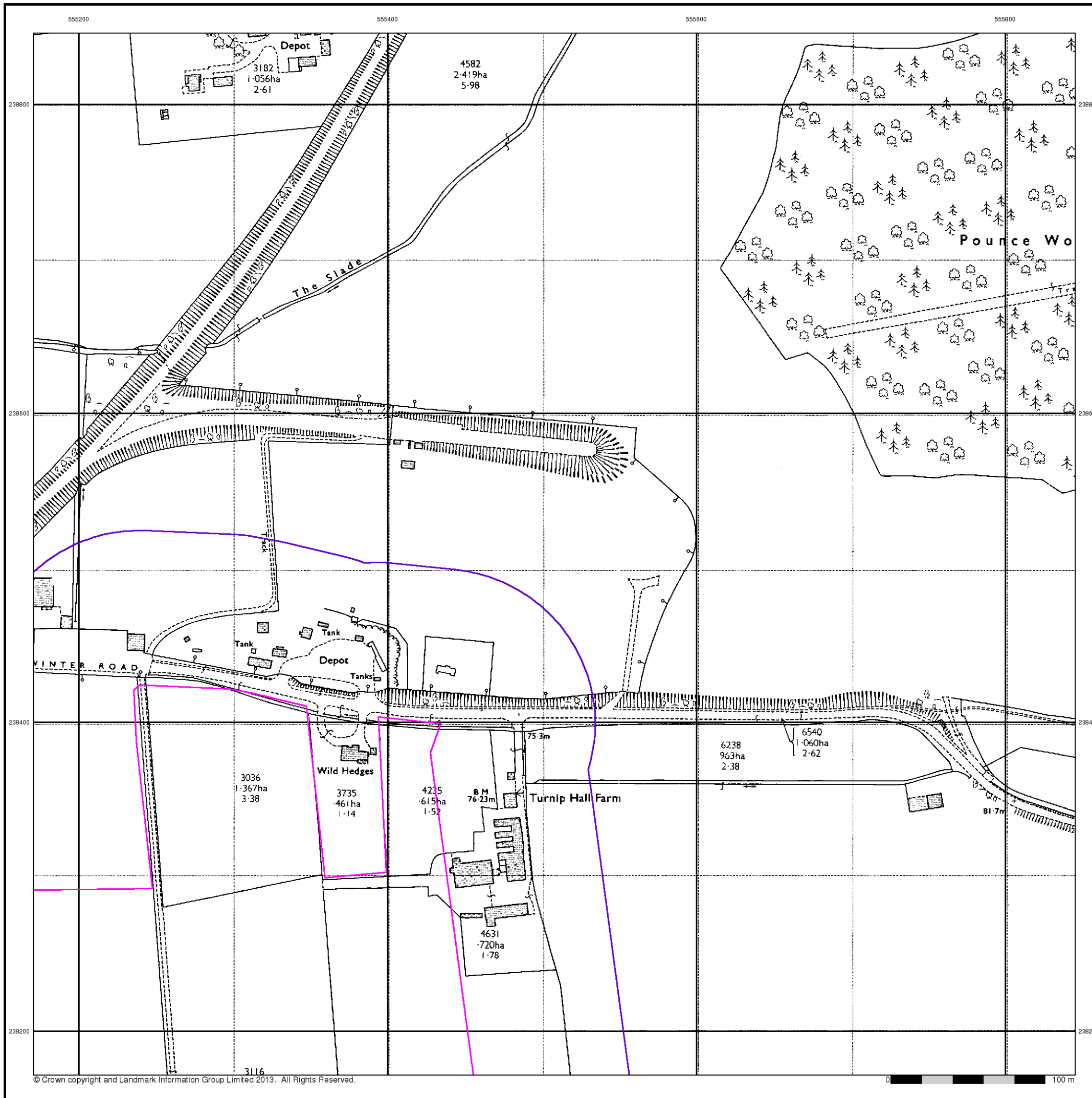


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



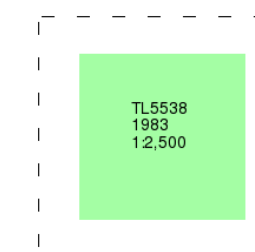
Additional SIMs

Published 1983

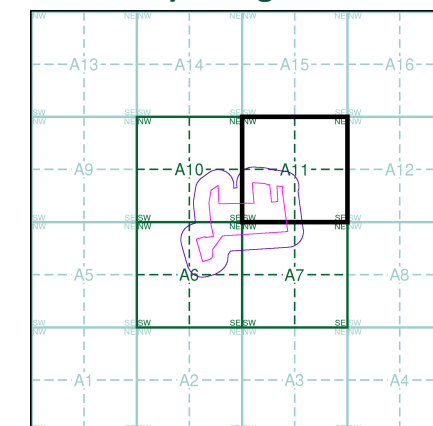
Source map scale - 1:2,500

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)



Historical Map - Segment A11

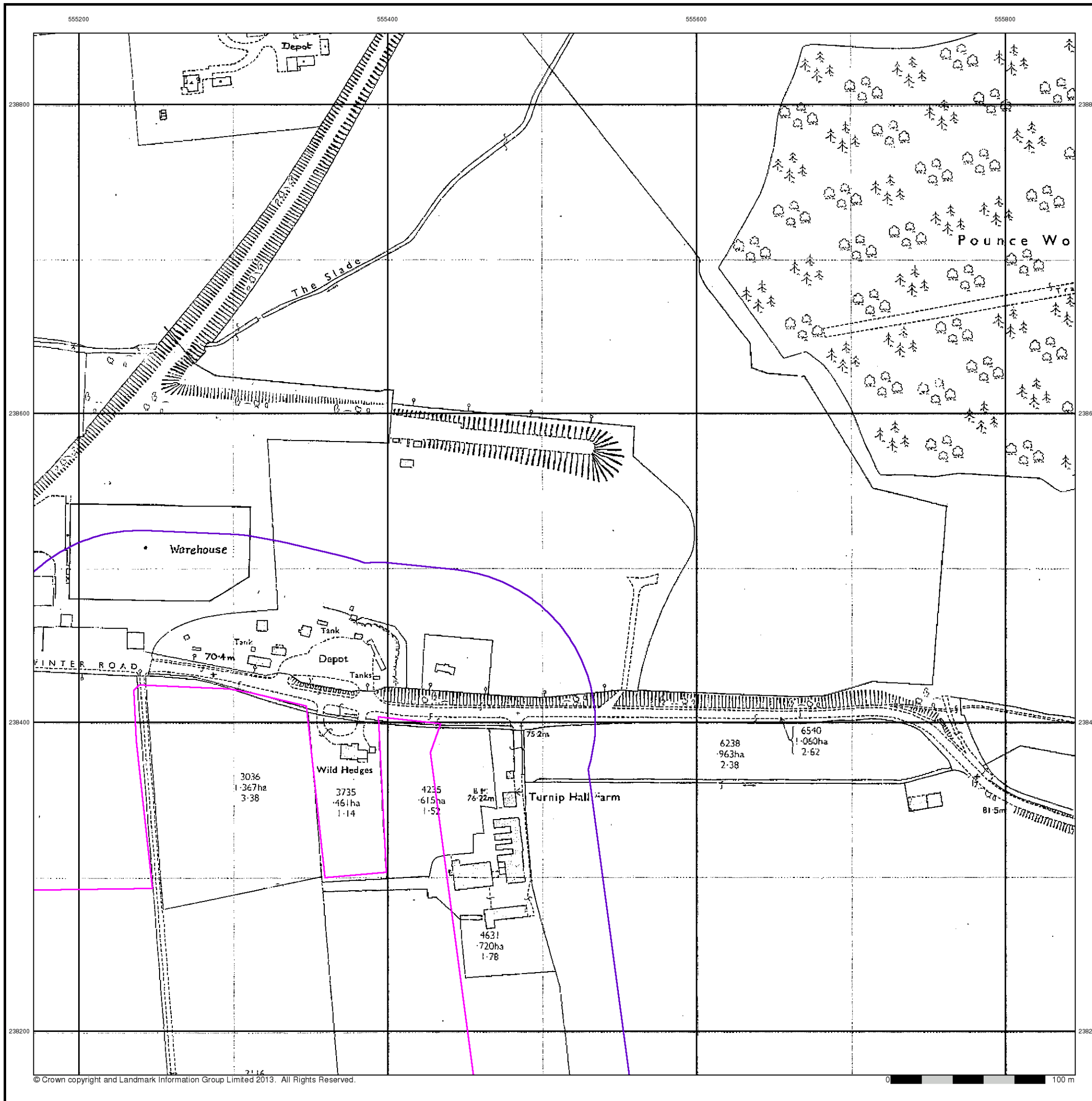


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



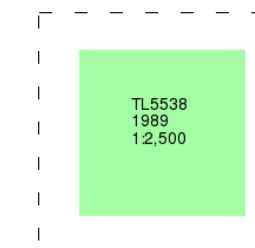
Ordnance Survey Plan

Published 1989

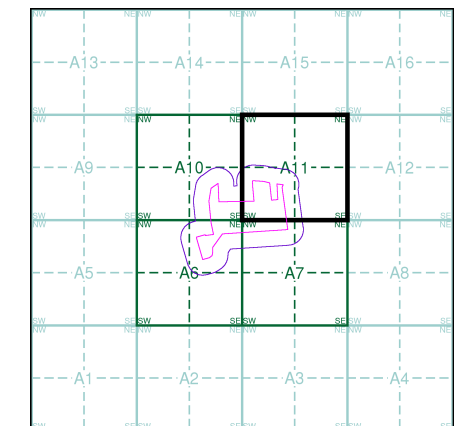
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11

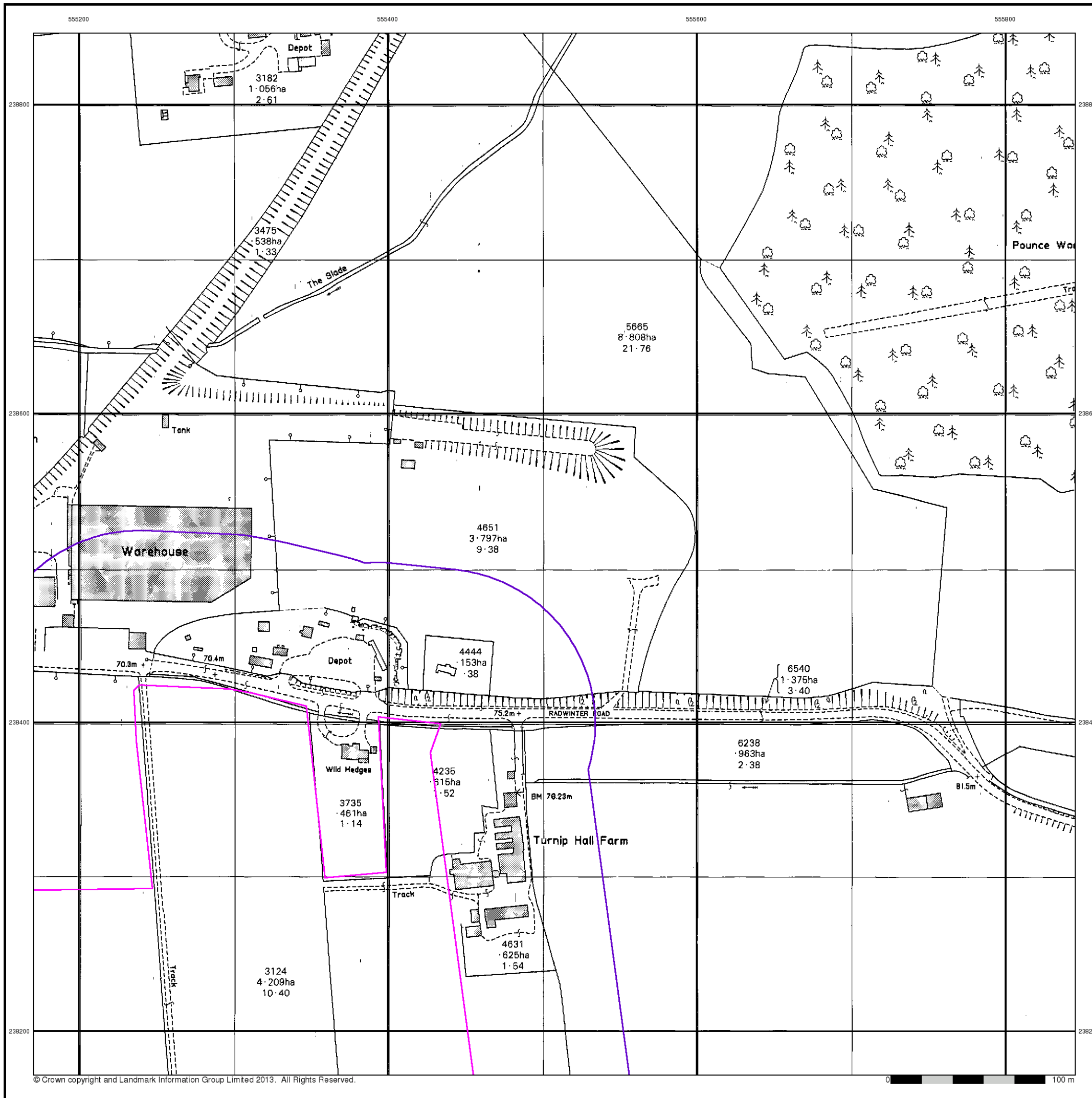


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
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Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



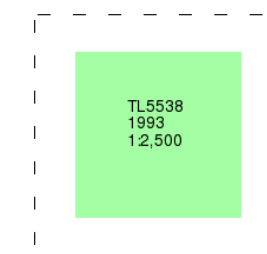
Large-Scale National Grid Data

Published 1993

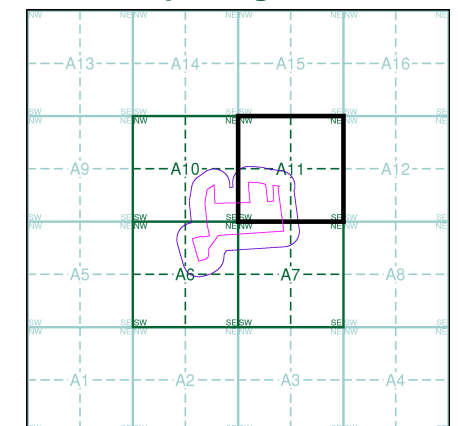
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

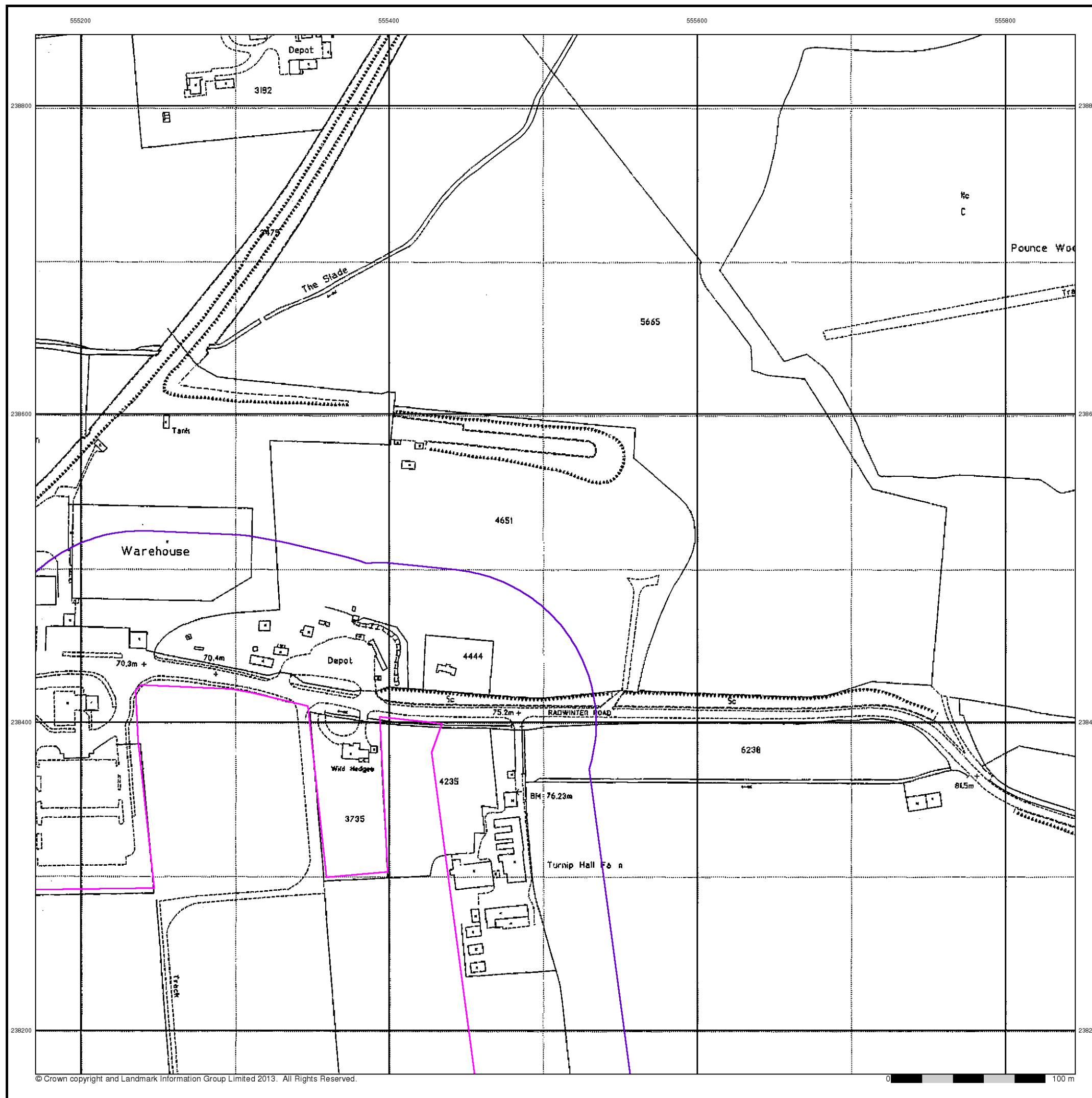


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
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Symbol marking point where boundary mereing changes
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MH Manhole **Tr Trough**
MP Mile Post or Mooring Post **Wr Pt, Wr T Water Point, Water Tap**
MS Mile Stone **W Well**
NTL Normal Tidal Limit **Wd Pp Wind Pump**

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

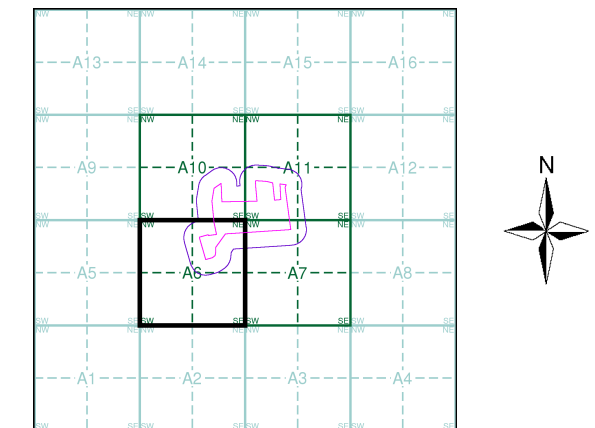
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
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Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1970	5
Additional SIMs	1:2,500	1978 - 1983	6
Ordnance Survey Plan	1:2,500	1982 - 1989	7
Additional SIMs	1:2,500	1983 - 1989	8
Ordnance Survey Plan	1:2,500	1985	9
Additional SIMs	1:2,500	1987	10
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:2,500	1994	13
Large-Scale National Grid Data	1:2,500	1995	14
Large-Scale National Grid Data	1:2,500	1995	15
Large-Scale National Grid Data	1:2,500	1996	16

Historical Map - Segment A6



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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

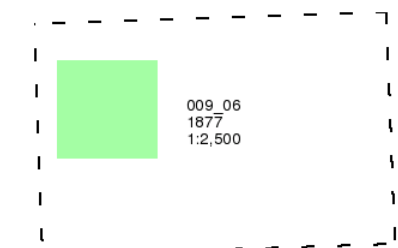
Essex

Published 1877

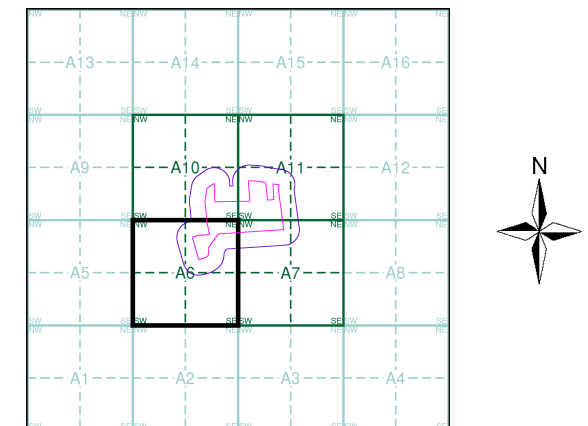
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6

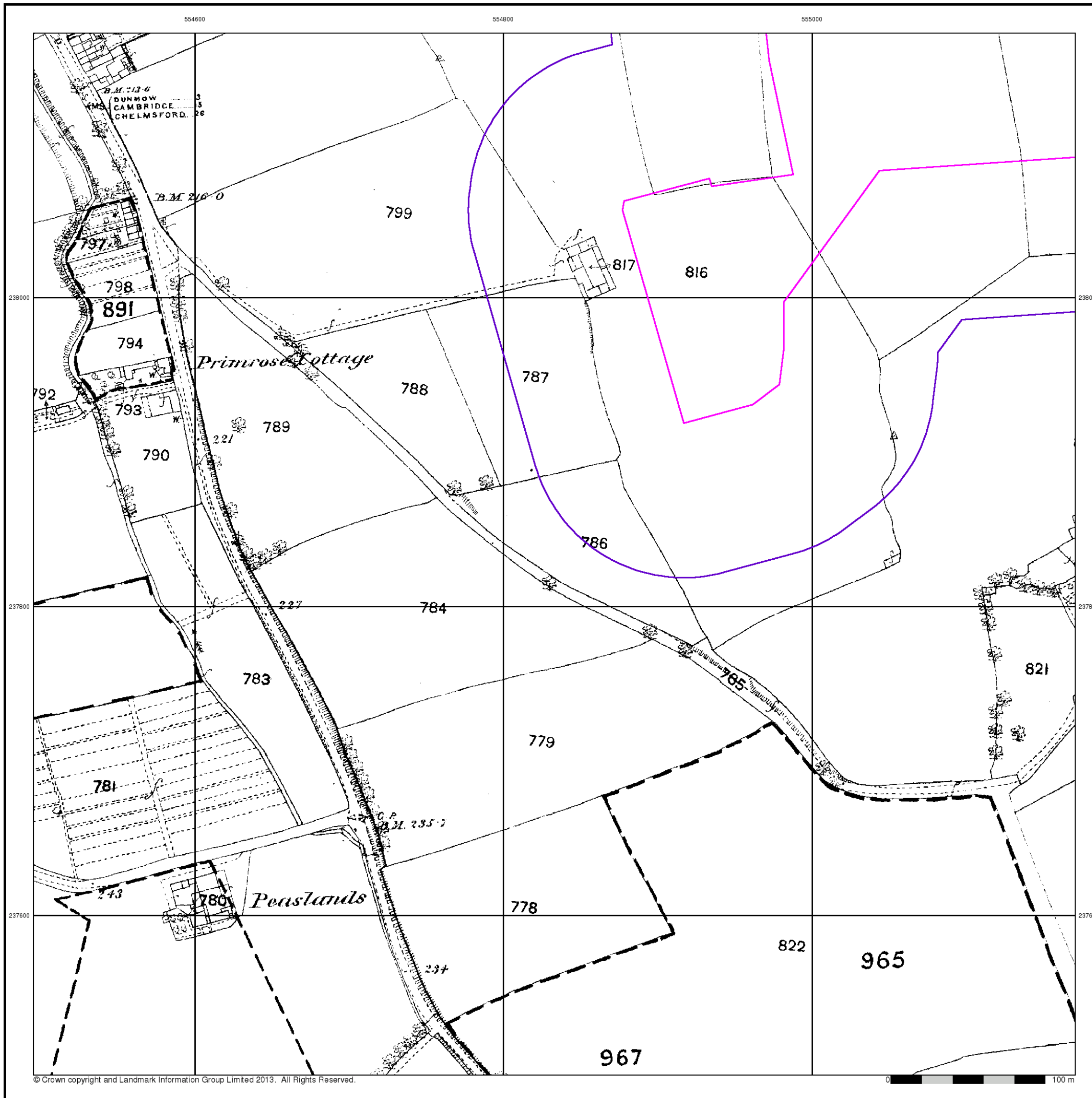


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



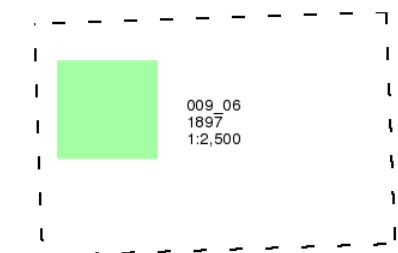
Essex

Published 1897

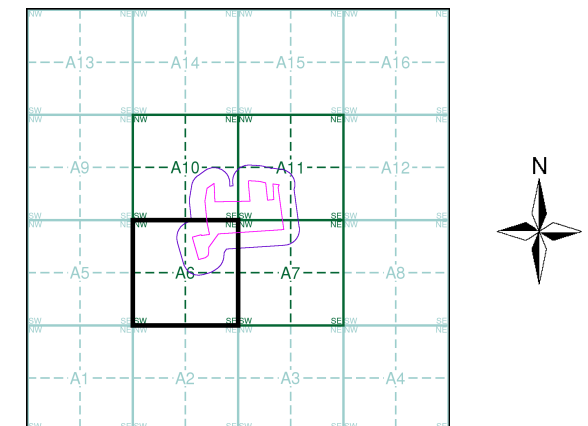
Source map scale - 1:2,500

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 A6

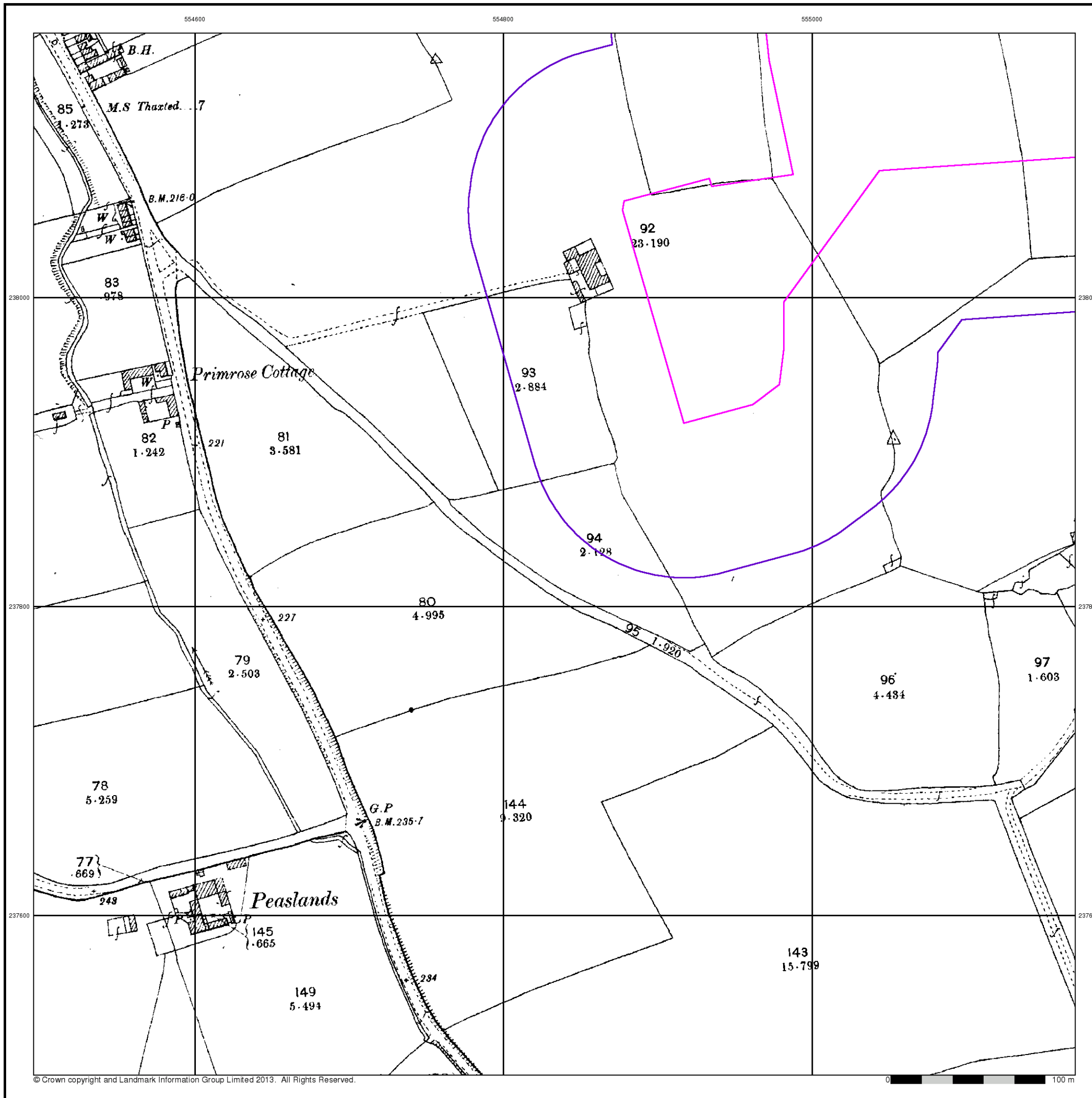


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



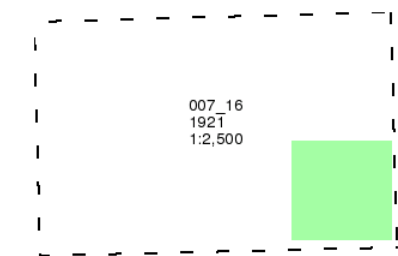
Essex

Published 1921

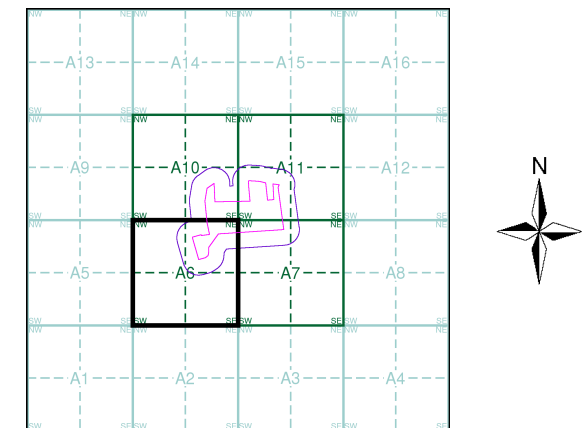
Source map scale - 1:2,500

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 A6

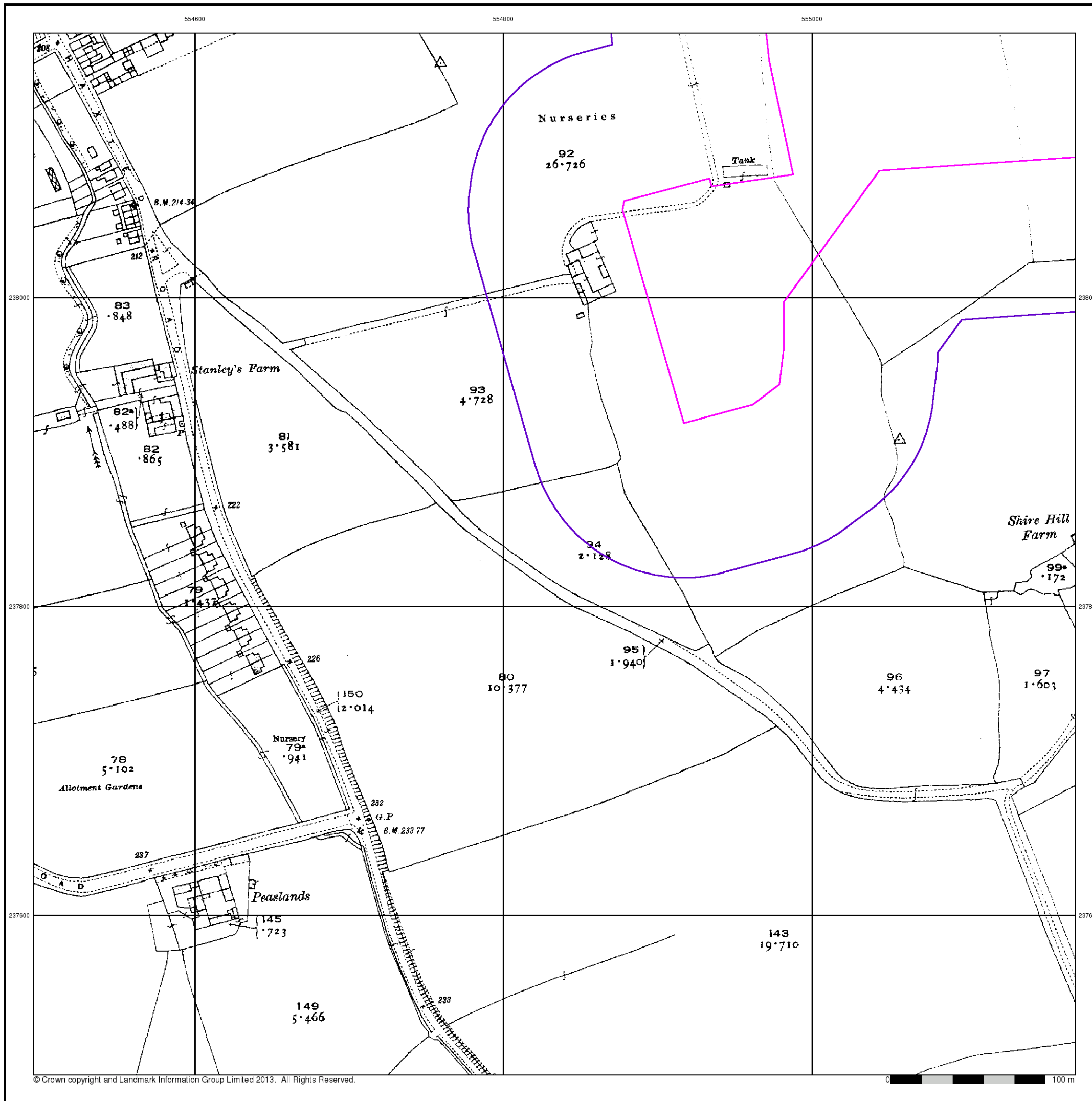


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Ordnance Survey Plan

Published 1970

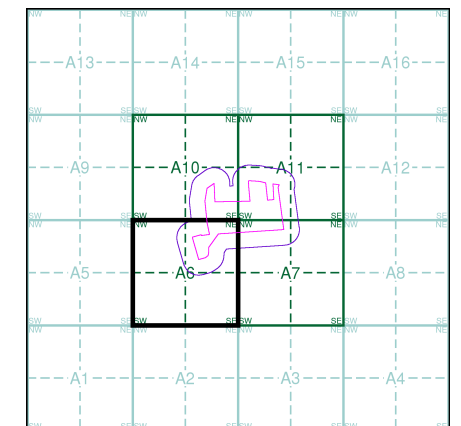
Source map scale - 1:2,500

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)

TL5438 1970 12,500	TL5538 1970 12,500
TL5437 1970 12,500	TL5537 1970 12,500

Historical Map - Segment A6

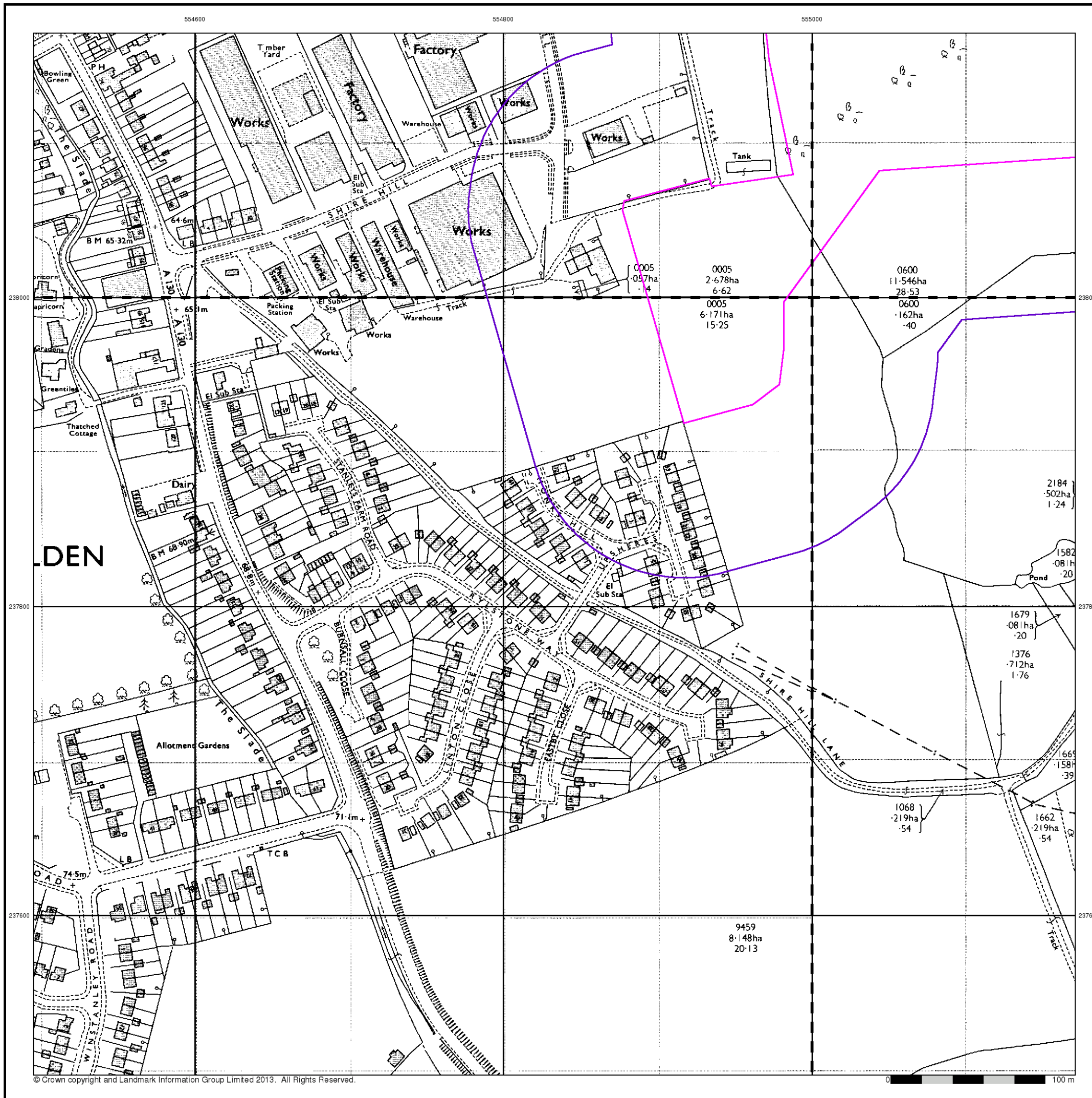


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Additional SIMs

Published 1978 - 1983

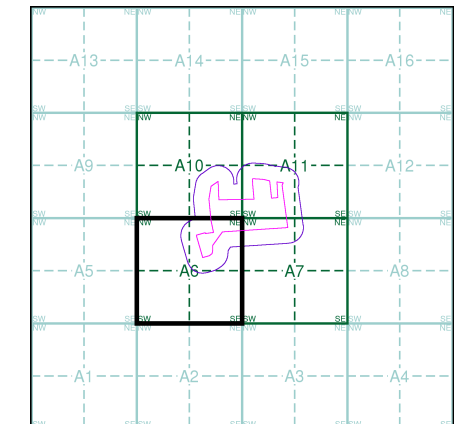
Source map scale - 1:2,500

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)

TL5438 1978 1:2,500	TL5538 1983 1:2,500
TL5437 1978 1:2,500	

Historical Map - Segment A6

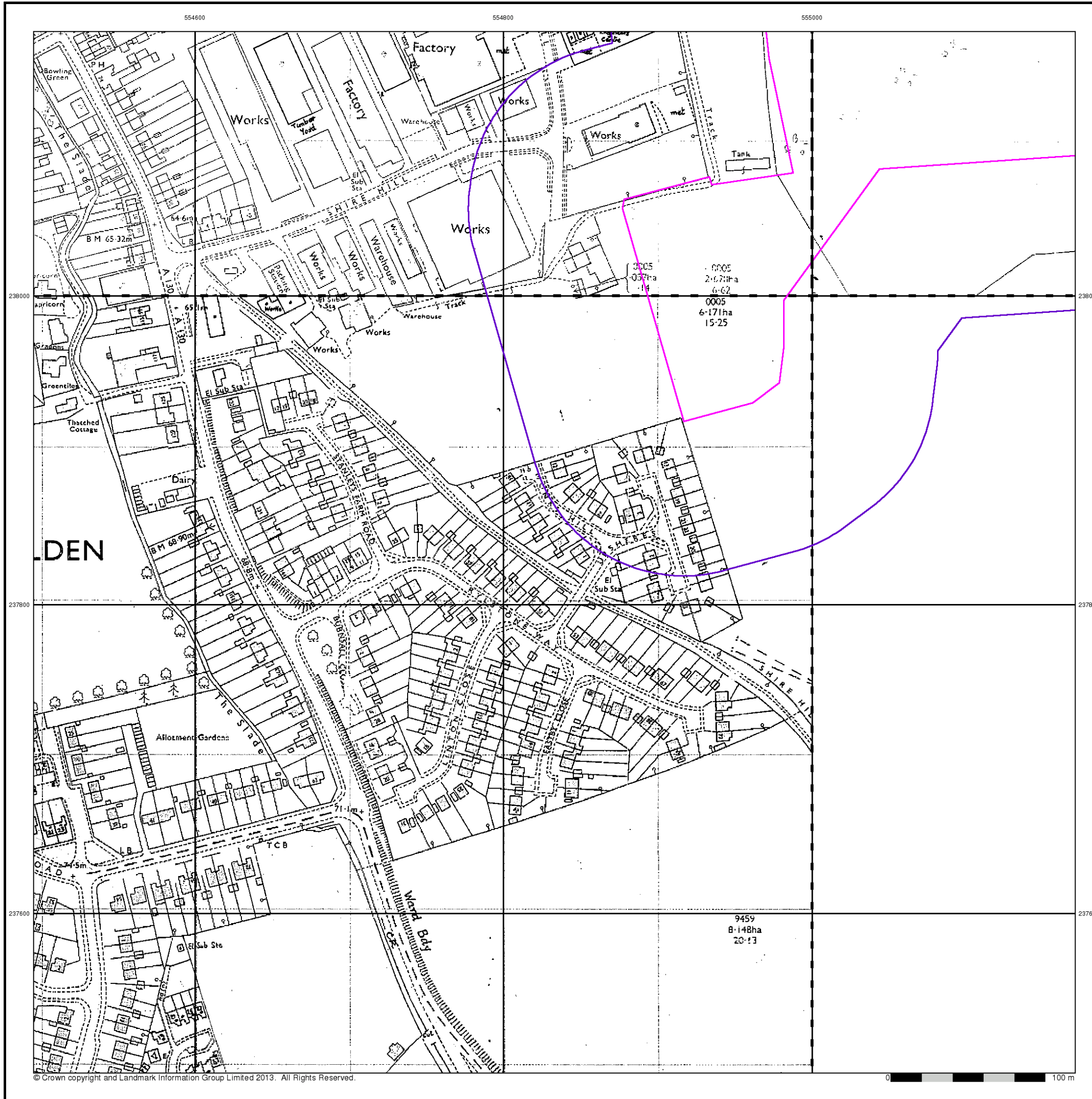


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



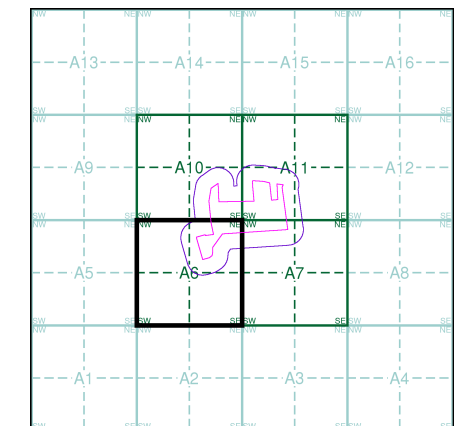
Ordnance Survey Plan
Published 1982 - 1989
Source map scale - 1:2,500

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)

TL5438 1989 12,500	TL5538 1989 12,500
TL5437 1982 12,500	TL5537 1985 12,500

Historical Map - Segment A6

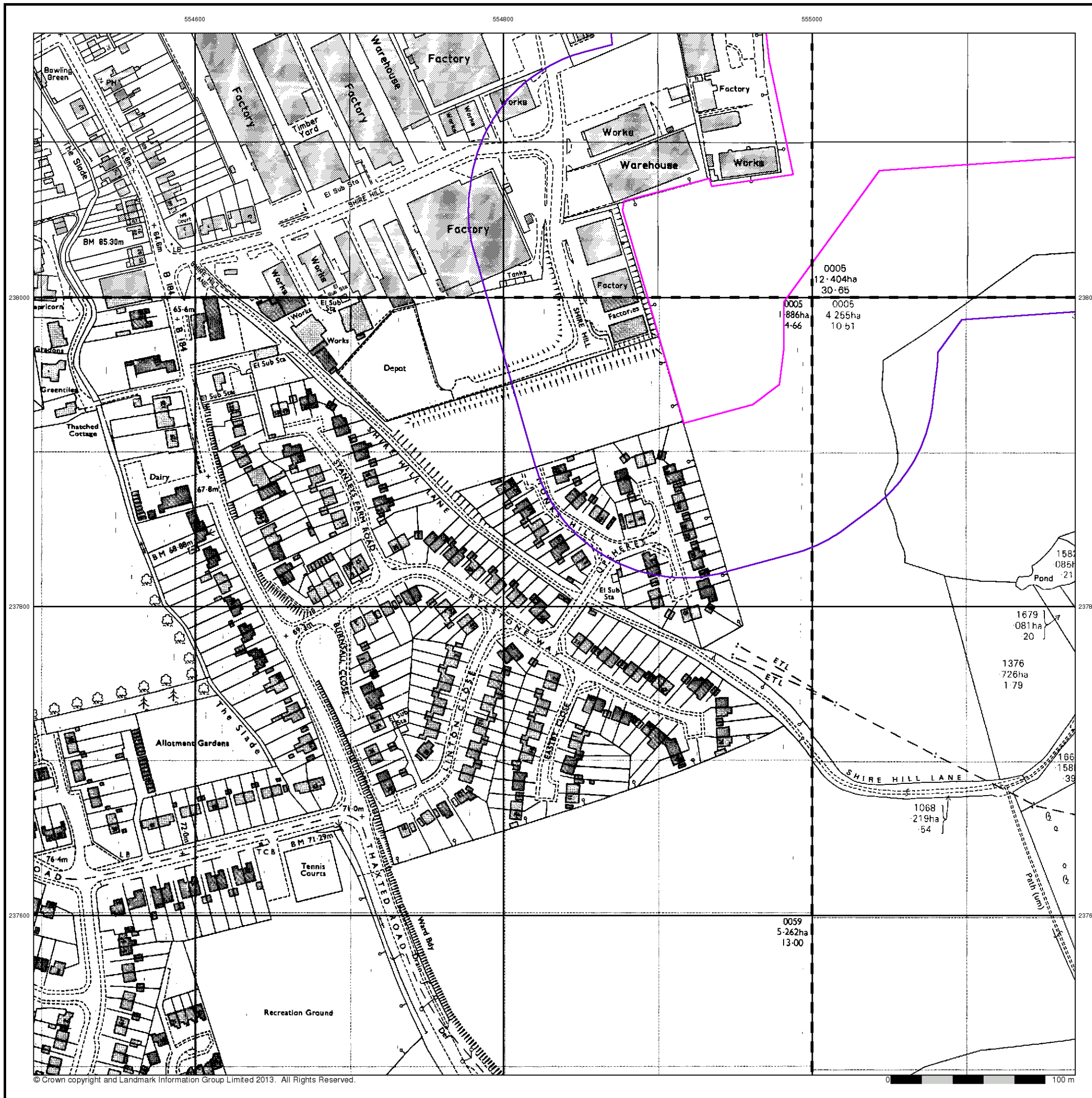


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Additional SIMs

Published 1983 - 1989

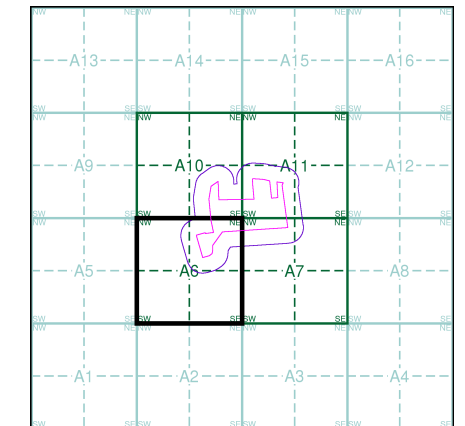
Source map scale - 1:2,500

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)

TL5438	1983	1:2,500
TL5437	1989	1:2,500

Historical Map - Segment A6

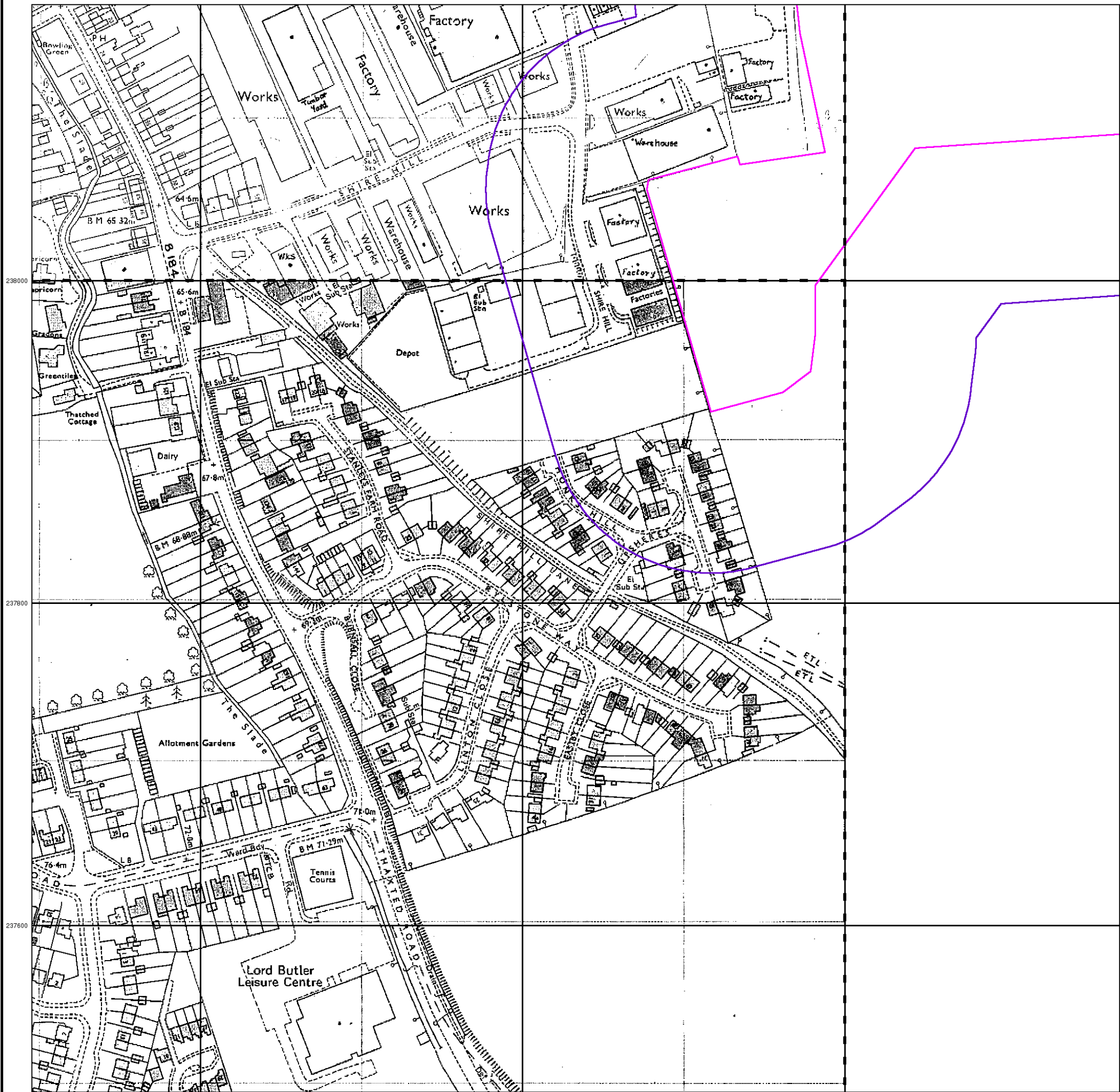


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
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Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



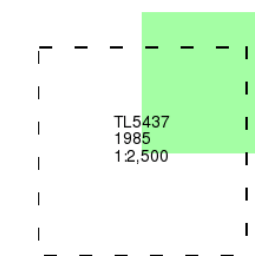
Ordnance Survey Plan

Published 1985

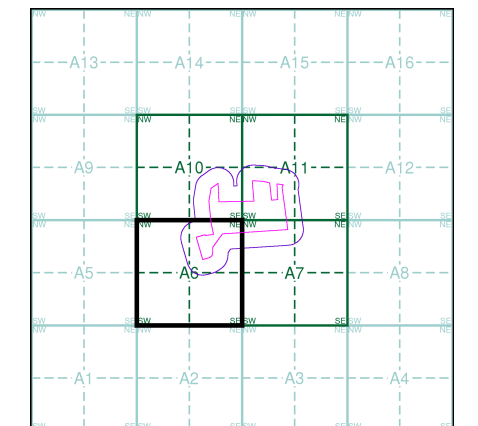
Source map scale - 1:2,500

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 A6



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Additional SIMs

Published 1987

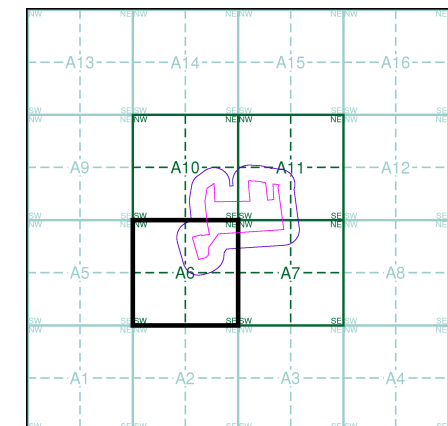
Source map scale - 1:2,500

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)

TL5438
1987
1:2,500

Historical Map - Segment A6



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
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 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Additional SIMs

Published 1990

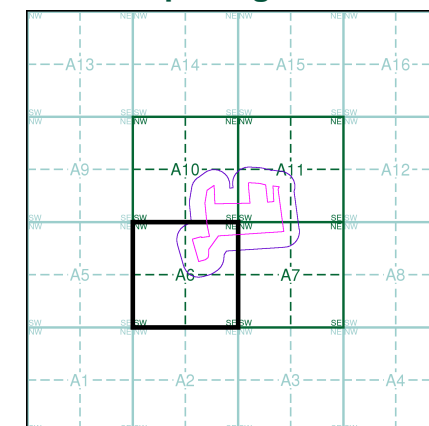
Source map scale - 1:2,500

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)

TL5438
1990
1:2,500

Historical Map - Segment A6



Order Details

Order Number: 51585400_1_1
Customer Ref: EMS4075
National Grid Reference: 555160, 238190
Slice: A
Site Area (Ha): 13.44
Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Large-Scale National Grid Data

Published 1993

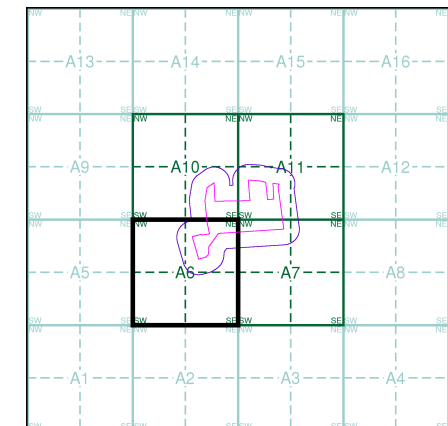
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL5438 1993 1:2,500	TL5538 1993 1:2,500
TL5437 1993 1:2,500	TL5537 1993 1:2,500

Historical Map - Segment A6

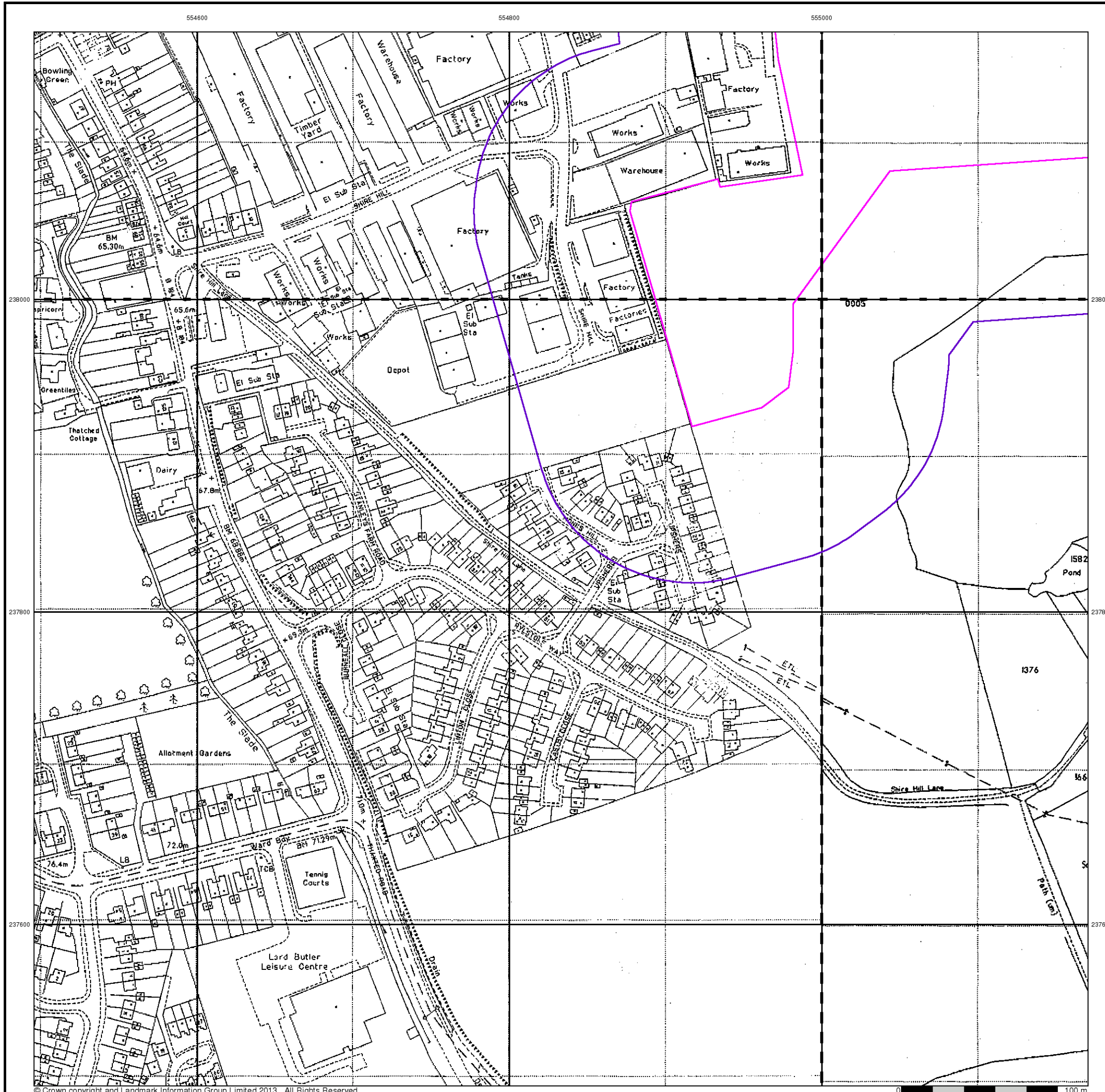


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Large-Scale National Grid Data

Published 1994

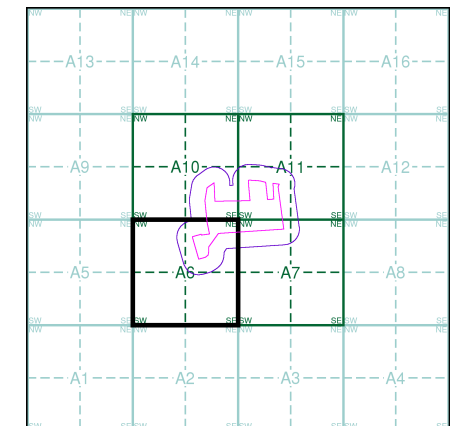
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL5438	1994	1:2,500
TL5437	1994	1:2,500

Historical Map - Segment A6

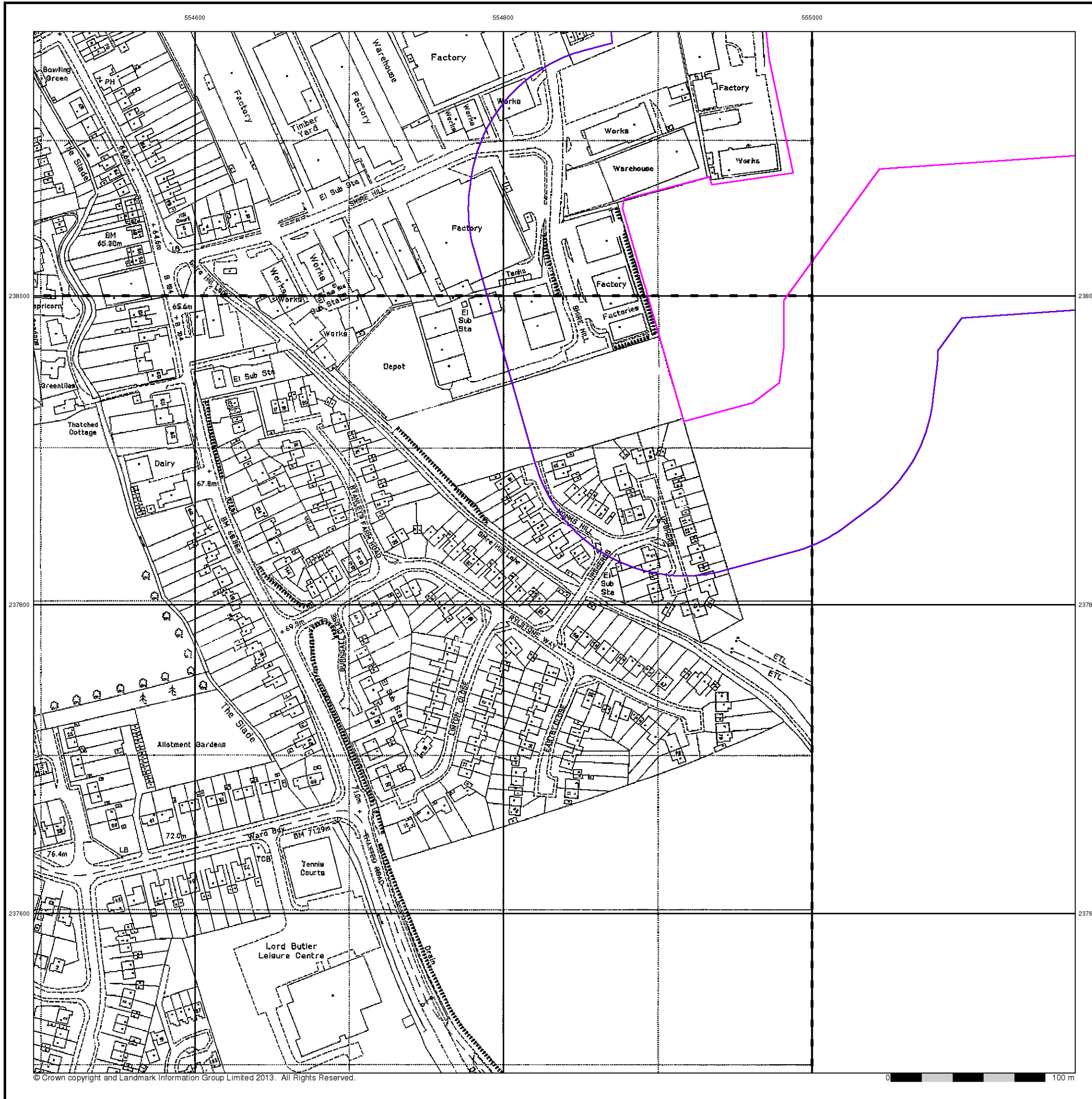


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Large-Scale National Grid Data

Published 1995

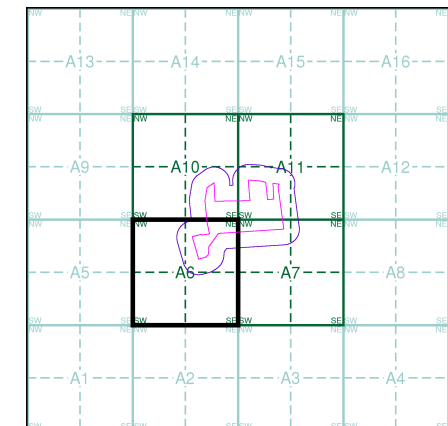
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL5438
1995
1:2,500

Historical Map - Segment A6



Order Details

Order Number: 51585400_1_1
Customer Ref: EMS4075
National Grid Reference: 555160, 238190
Slice: A
Site Area (Ha): 13.44
Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Large-Scale National Grid Data

Published 1995

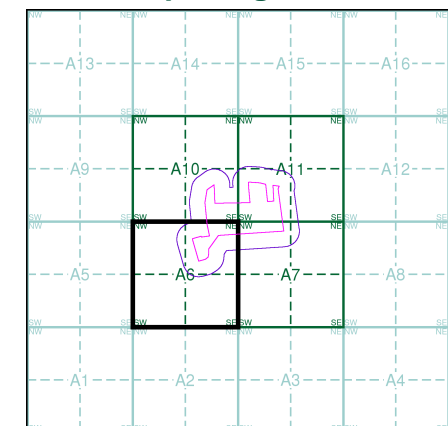
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL5438
1995
1:2,500

Historical Map - Segment A6



Order Details

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 Customer Ref: EMS4075
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Site Details

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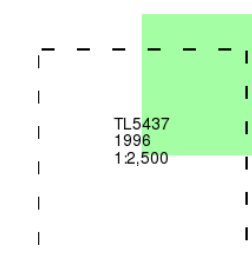
Large-Scale National Grid Data

Published 1996

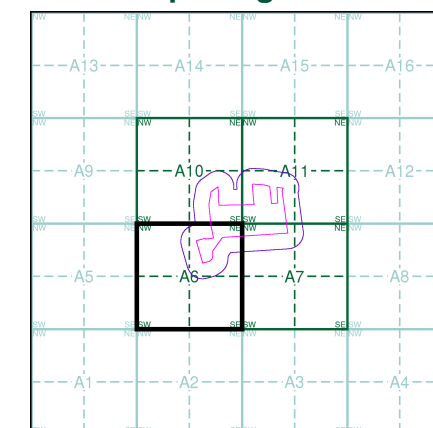
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

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Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

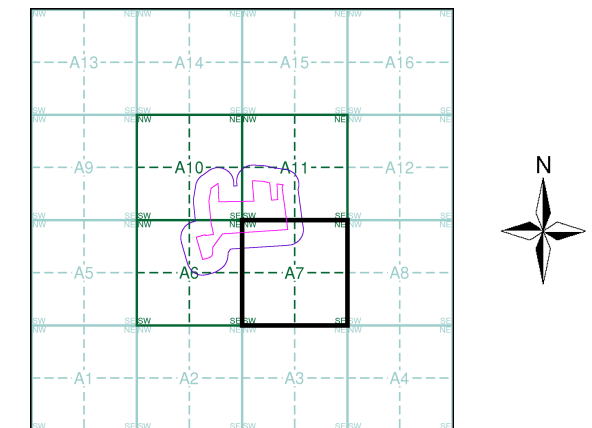
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1970	5
Additional SIMs	1:2,500	1983	6
Ordnance Survey Plan	1:2,500	1985 - 1989	7
Large-Scale National Grid Data	1:2,500	1993	8

Historical Map - Segment A7



Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



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

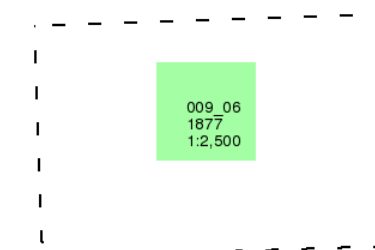
Essex

Published 1877

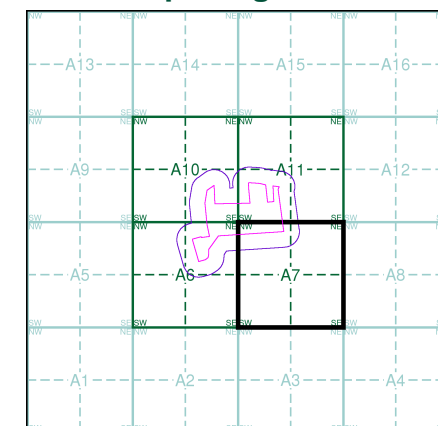
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7

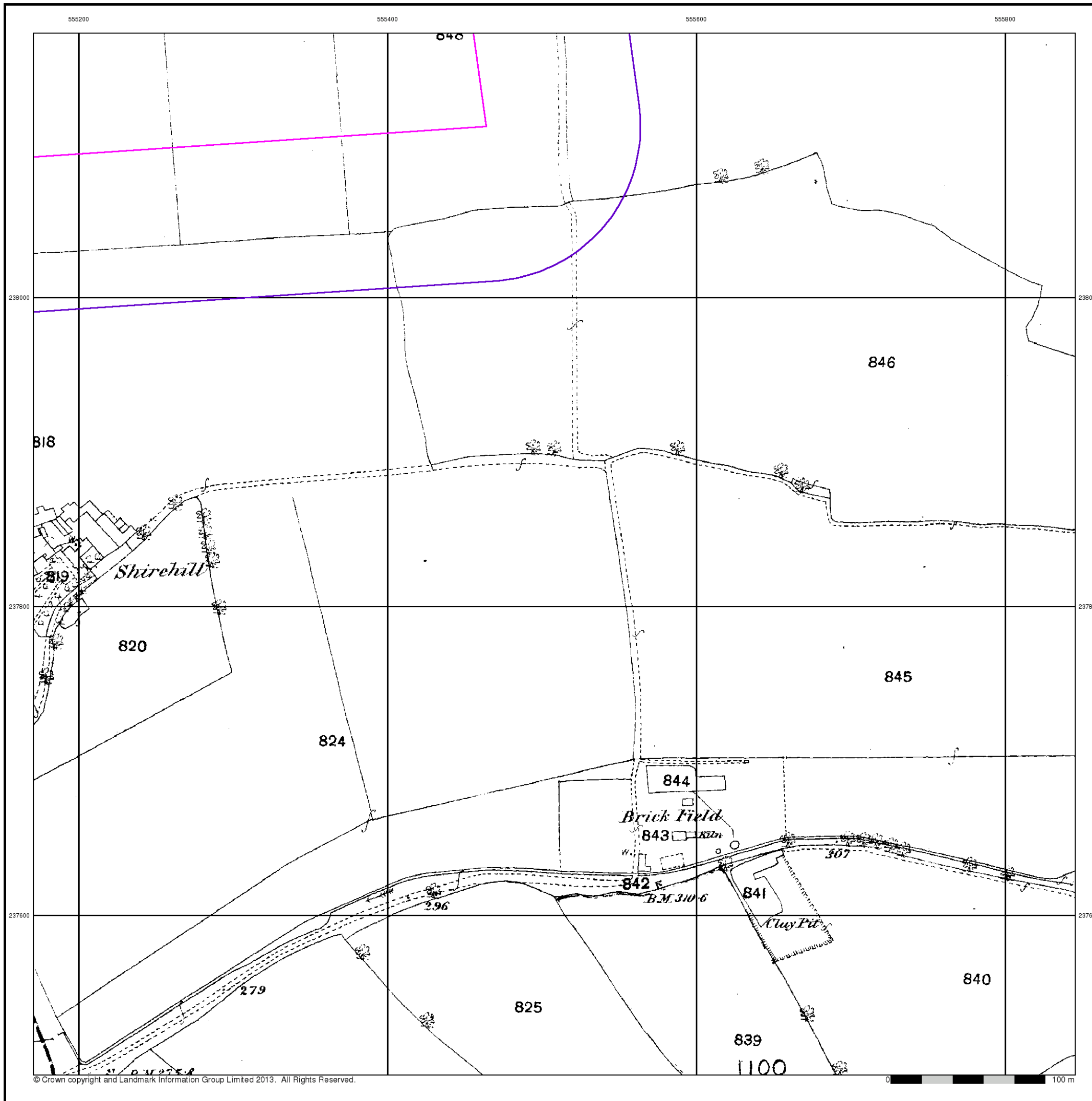


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
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 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



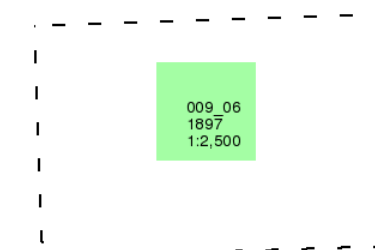
Essex

Published 1897

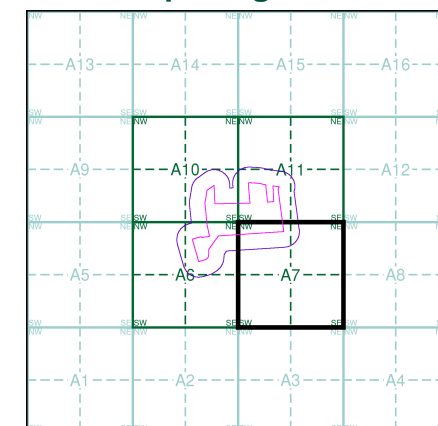
Source map scale - 1:2,500

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 A7

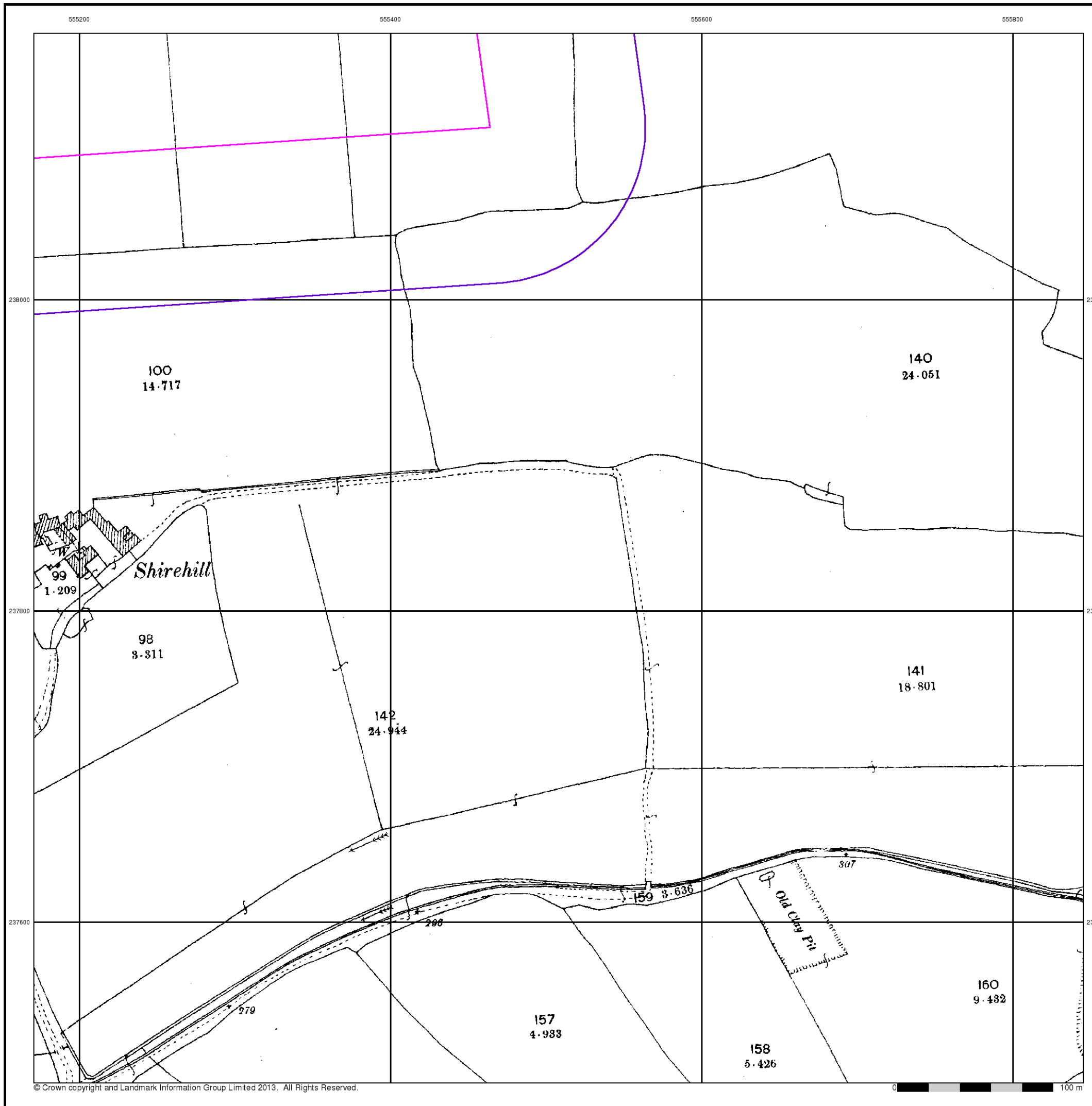


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



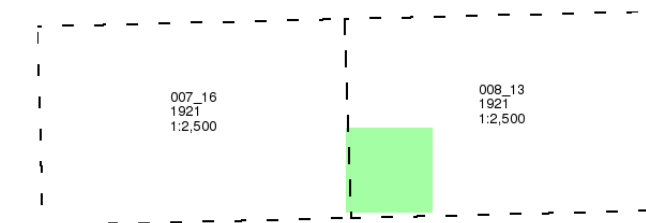
Essex

Published 1921

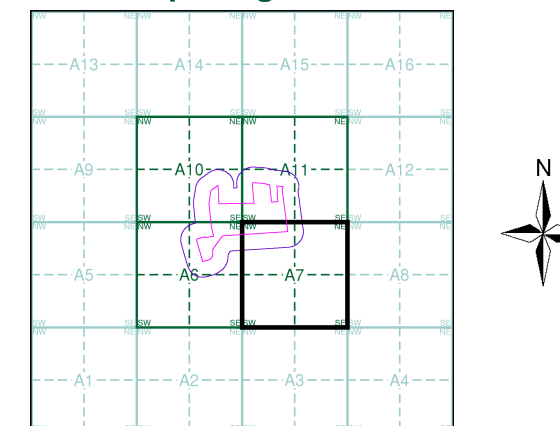
Source map scale - 1:2,500

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 A7

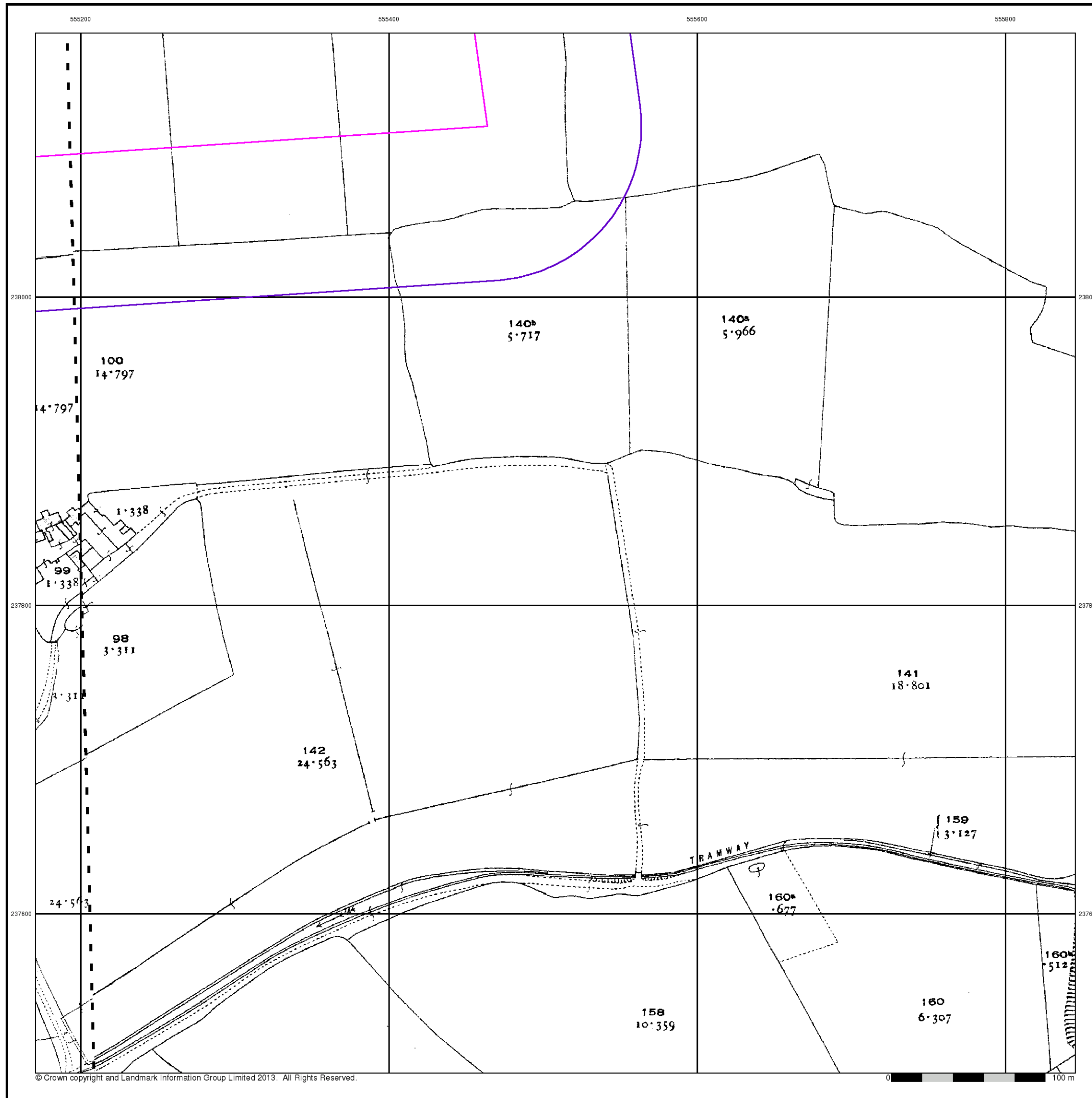


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Ordnance Survey Plan

Published 1970

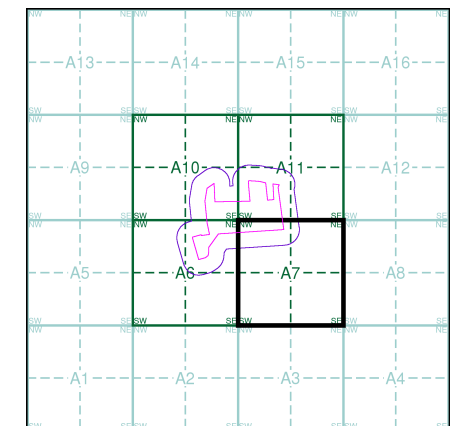
Source map scale - 1:2,500

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)

TL5538 1970 1:2,500
TL5537 1970 1:2,500

Historical Map - Segment A7

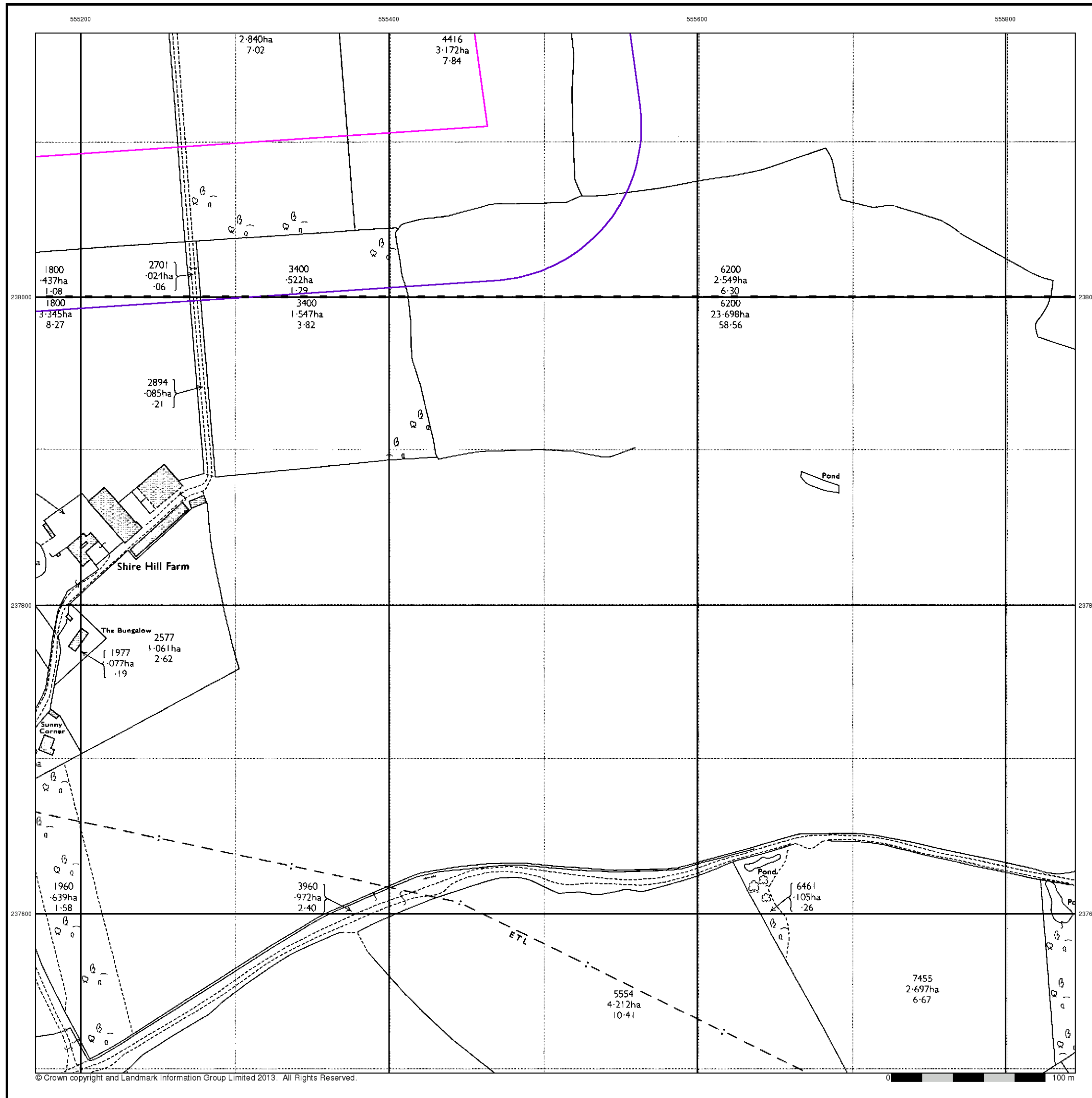


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
 Slice: A
 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



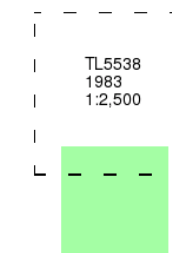
Additional SIMs

Published 1983

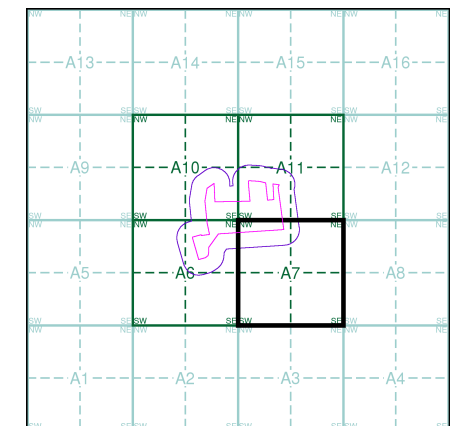
Source map scale - 1:2,500

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)



Historical Map - Segment A7

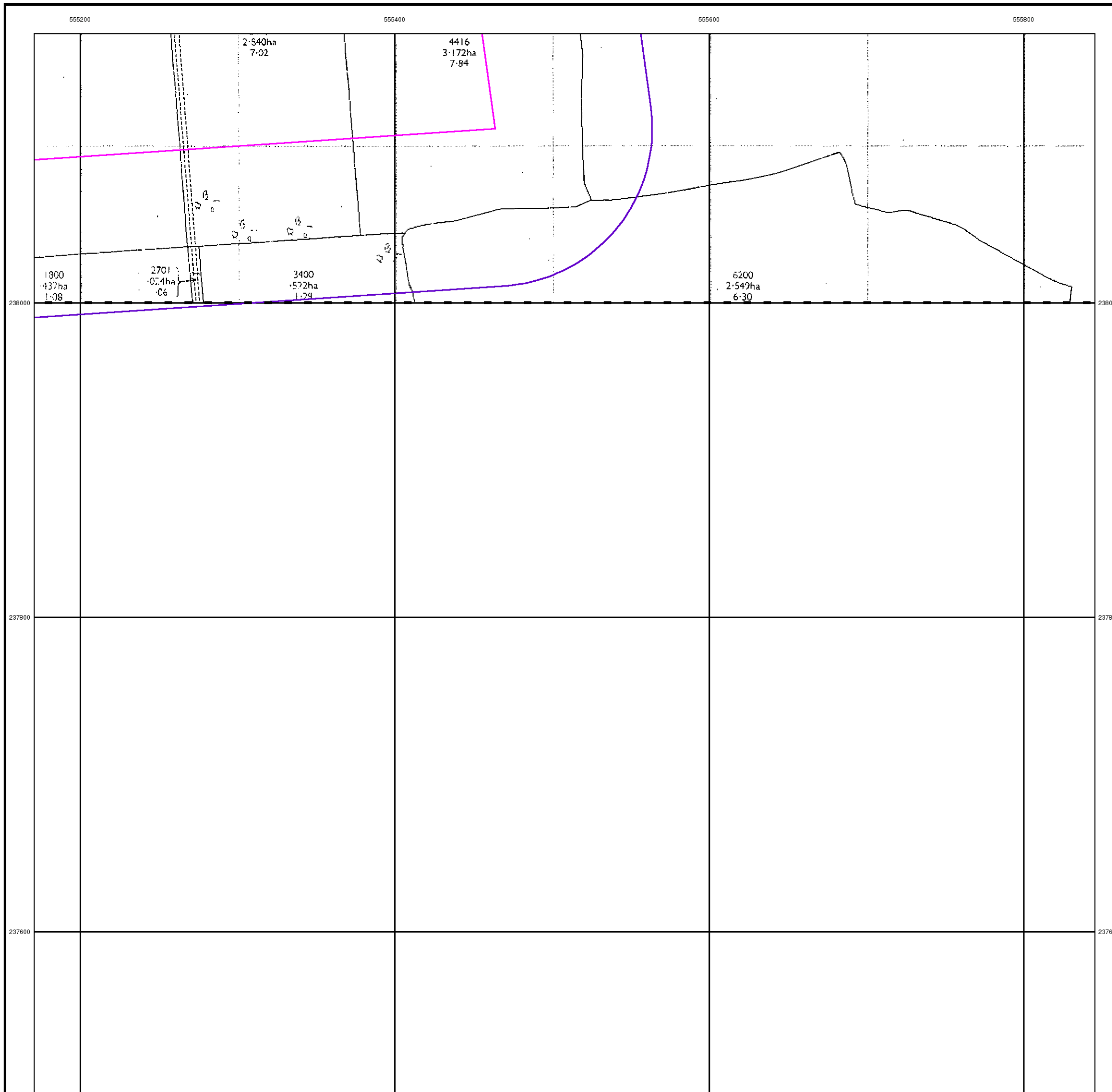


Order Details

Order Number: 51585400_1_1
 Customer Ref: EMS4075
 National Grid Reference: 555160, 238190
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 Site Area (Ha): 13.44
 Search Buffer (m): 100

Site Details

Land east of Saffron Walden, Radwinter Road, Saffron Walden, CB10 2LB



Ordnance Survey Plan

Published 1985 - 1989

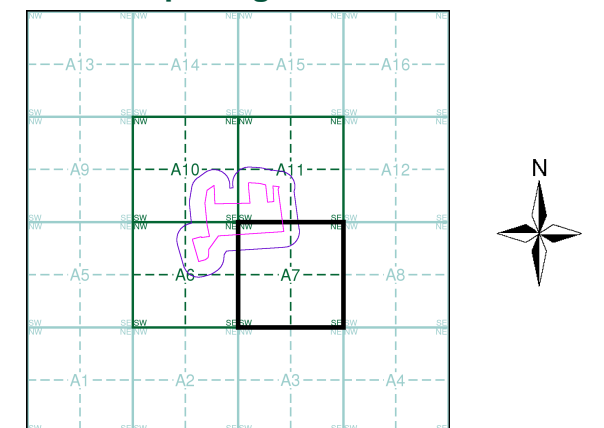
Source map scale - 1:2,500

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)

TL5538	1989	1:2,500
TL5537	1985	1:2,500

Historical Map - Segment A7

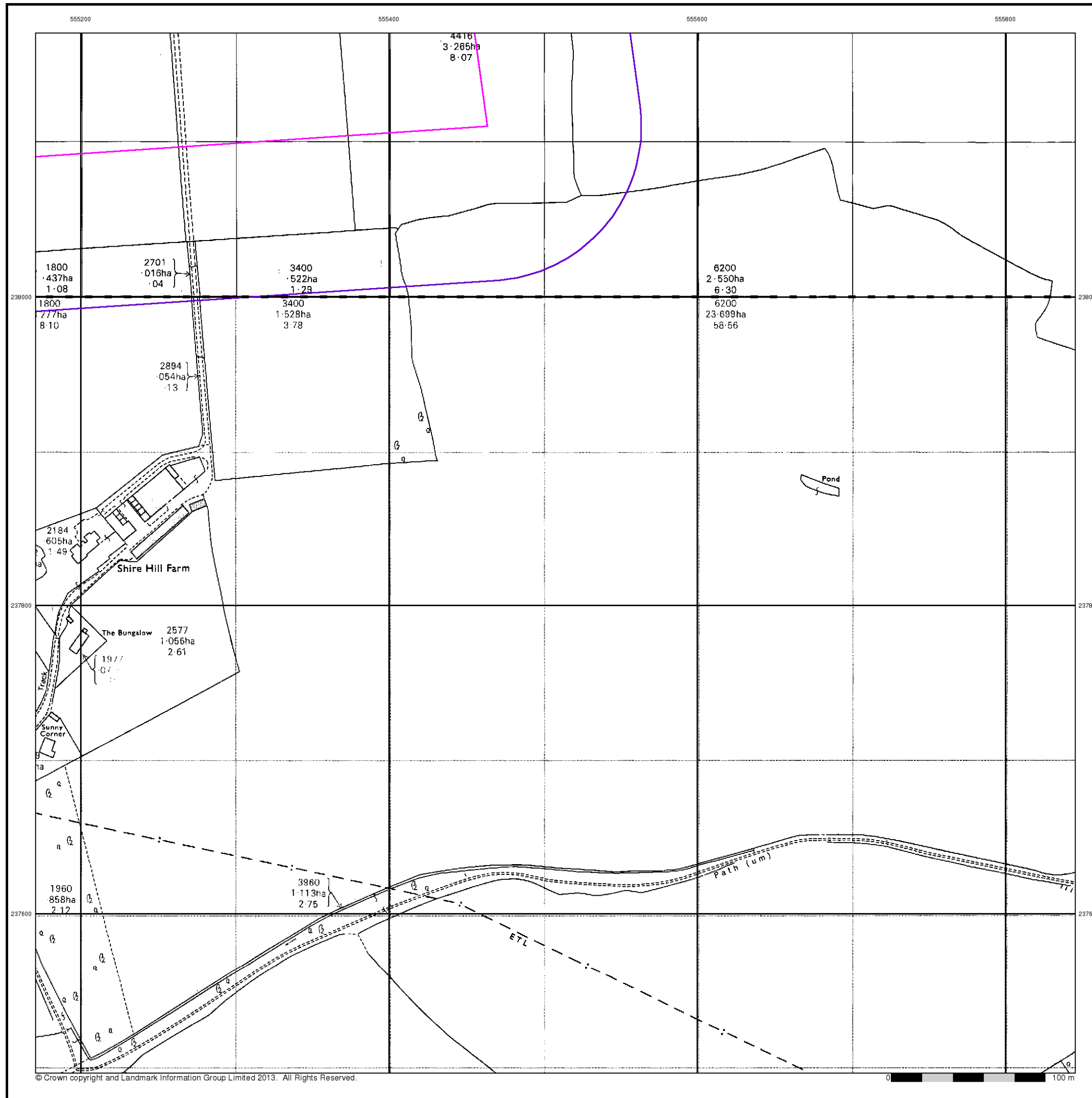


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Site Details

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Large-Scale National Grid Data

Published 1993

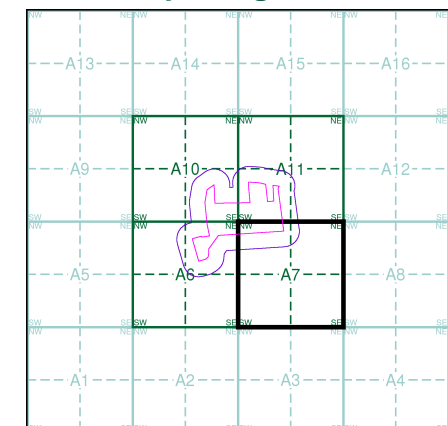
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL5538	1993	1:2,500
TL5537	1993	1:2,500

Historical Map - Segment A7

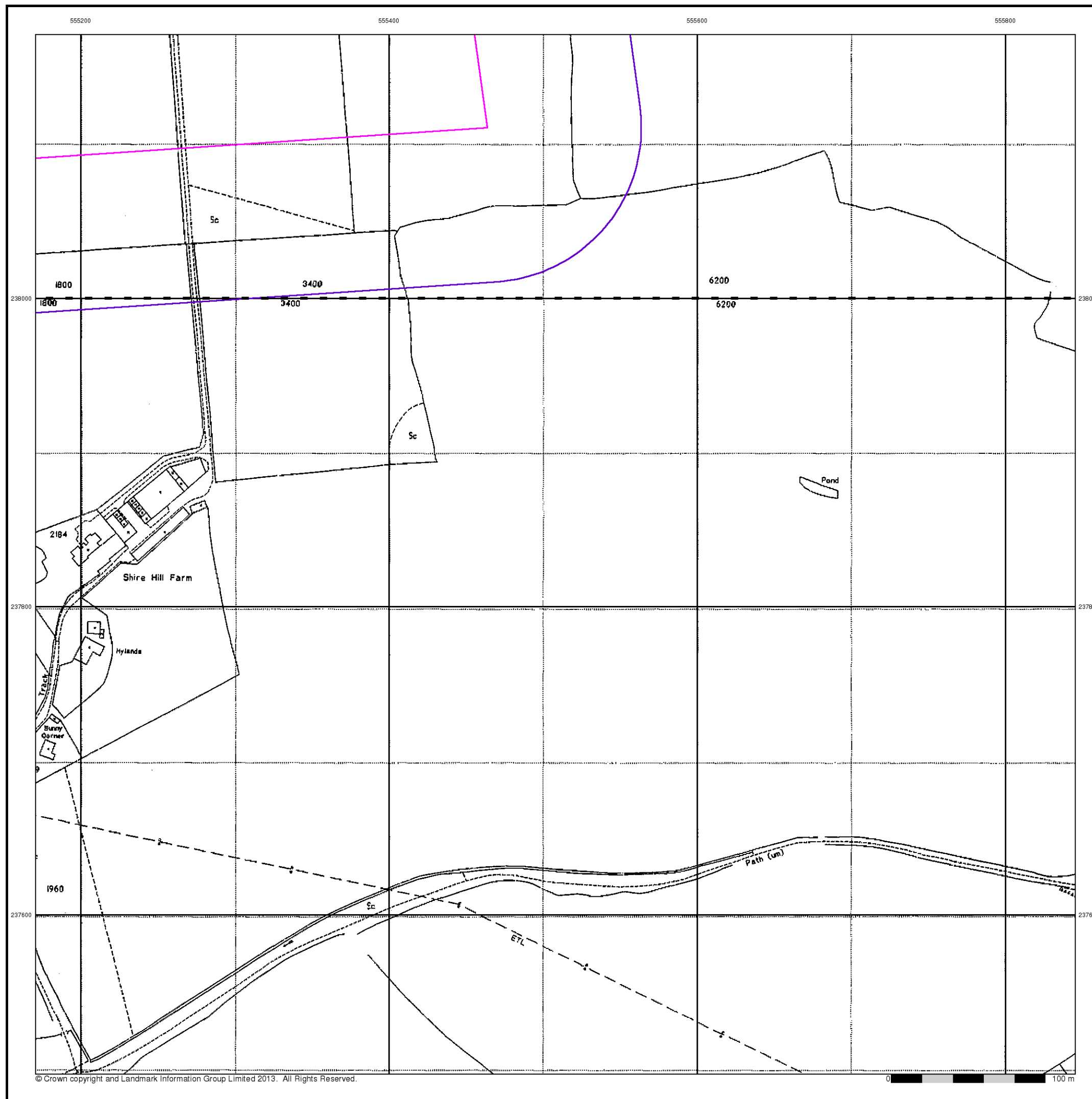


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Order Number: 51585400_1_1
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Site Details

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