



**COMPLEX CHALLENGES ...
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Phase I Desktop Study





The Lanes, Penwortham

Taylor Wimpey & Homes England

September 2018

Phase I Desktop Study

The Lanes, Penwortham

DESCRIPTION		DATE	AUTHOR	REVIEWED BY	APPROVED BY
Phase I Desktop Study Report DRAFT		06/09/18	Mabel Newby 	Liam Daley 	Alex Smiles 
REVISION	DESCRIPTION	DATE	AUTHOR	APPROVED BY	
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1.0 INTRODUCTION

1.1 Background

- 1.1.1 RoC Consulting has been appointed by Taylor Wimpey & Homes England to conduct a Phase I Desktop Study and site walkover across The Lanes, Penwortham (the site). It is understood that the site is to be redeveloped for mixed uses including residential housing not exceeding 3 storeys, educational and health care facilities, recreational areas, and retail led end uses.
- 1.1.2 The purpose of this desk-based study is to provide a preliminary assessment of the site relating to current and historic operations to establish baseline geo-environmental and geotechnical conditions. This report presents a factual account and highlights the more pertinent points with interpretation relating to potential sources of soil or groundwater contamination that may be present within site soils.
- 1.1.3 The information obtained during this assessment has also been used to collate a Preliminary Conceptual Site model for the proposed development to assist with the estimation of risks arising from contaminated land related concerns. Where required, this model will form the basis for future Phase 2 Intrusive Site Investigation works to further refine (and mitigate against) risks posed to future site users.
- 1.1.4 The scope of the current assessment encompasses the current proposed development which has been split into two outline residential led planning applications referred to as Application A and Application B. The Application A area is indicated on the enclosed 5plus architects plan ref: 05745_MP_00_1000-100 and the Application B area is indicated on 05745_MP_00_2000-101, a combined application boundary is available on 05745_MP_00_3000-100 (copies of which are included within Appendix A). For the purposes of our assessment “the site” comprises both these parcels of land. In addition, the scope of the assessment has been extended to include an area of land safeguarded for future residential development to the south (bounding Coote Lane / Chain House Lane).
- 1.1.5 The study site covers an area to support outline planning applications for two residential-led mixed use developments. The different areas are indicated on the enclosed 5plus architects plan ref: 05745_MP_00_1001-104 (Application A) and 05745_MP_00_2001-101 (Application B) (Copies of which are included within Appendix A).

1.2 Terms of Reference

- 1.2.1 The desk-based environmental assessment was carried out following receipt of an instruction from Stefan Heaton of Stone Ltd.

I.3 Objectives

I.3.1 The objectives of the desk-based study were:

- To characterise the environmental setting of the site, including the geology, hydrogeology and hydrology of the site and surrounding areas from published data
- To identify (where possible) potential sources of ground, groundwater or surface water contamination and / or soil gas (hazardous materials) arising from past and / or current activities at the site and / or neighbouring properties
- To formulate a Preliminary Conceptual Site model and assess the risks posed to identified receptors soil and / or groundwater contamination or ground gas ingress
- As required, provide an initial indication of any intrusive site investigation works or remedial works required to ensure the sites safe redevelopment
- To undertake a preliminary geotechnical assessment of site conditions to identify potential abnormal items that may arise as a result of the site redevelopment

I.4 Scope of Work

I.4.1 The overall scope of work comprised reference to a Landmark 'Envirocheck' report as well as other published sources, and includes:

- Review of published geological, hydrogeological and hydrological information to establish environmental sensitivities at the site and within the surrounding environment
- Completion of a site walkover survey to establish present day site setting and conditions
- Review of historical map information to identify previous usage of the site and its immediate surroundings and search of a commercial environmental database, to identify potential sources of land contamination and potential environmental impacts
- Preparation of a report, outlining the findings and recommendations, including requirements for any further work considered necessary in order to better quantify any environmental hazards identified, and taking account of the site's current status

1.5 Limitations of Study Assessment

- 1.5.1** The comments made in this report are based on the data available at the time of its completion. Any unusual or conflicting evidence discovered during any future site works must be presented to RoC Consulting as soon as possible so that any implications may be considered.
- 1.5.2** Additional information, changes in legislation or revised practices may necessitate re-interpretation of part or all of this report. Additionally, site redevelopment and/or a change in end use will require reinterpretation of the assessment.
- 1.5.3** The accuracy of the data supplied by third parties should be considered in the context of any known site conditions for which RoC Consulting cannot be held liable.
- 1.5.4** It should be noted that any subsequent revision of the proposed redevelopment or site boundary away from the above-mentioned drawing may result in the full or partial re-interpretation of this report and assessment.
- 1.5.5** The report has been produced by RoC Consulting for the client solely for the purposes of a review of information for the above-mentioned site. It may not be used by any person for any other purpose other than that specified without the express written permission of RoC Consulting. Any liability arising out of its use by a third party for purposes not wholly connected with the above shall be the responsibility of that party who shall indemnify RoC Consulting against all claims, costs, damages and losses arising out of such use.



2.0 DESK TOP REVIEW

2.0.1 The following chapter provides an overview to most salient findings of our desk based geo-environmental assessment. This information has been used to formulate the collation of a Preliminary Conceptual Site Model (as discussed in Section 3.0) to assess the potential impacts and risks associated with geo-environmental and geotechnical concerns across the site. Supporting information and evidence has been provided within enclosed Appendices and it is recommended reference be made to these documents / plans when reviewing this report.

2.1 Sources of Information

- 2.1.1 Background information on the site was acquired from the following sources:
- Envirocheck at the Ordnance Survey
 - British Geological Survey 1" to 1 mile/1:10'000, solid & drift
 - Environment Agency Groundwater Vulnerability Map
 - Radon Atlas of England
 - Observations from site walkover survey completed on the 14 August 2018
 - Observations from site walkover survey completed on the 18 June 2021
 - Brownfield Solutions Ltd Geo-Environmental Assessment Report NS/C4259/9441 Rev A

2.2 Site Location and Description

- 2.2.1 The site is located approximately 2.6km to the south of Preston city centre and covers a total area circa. 51.8ha (Split between 45.89ha Application A and 5.91ha Application B). Current land uses comprise predominantly agricultural land with numerous farming operations, stables and associated residential properties. The majority of the site's footprint (circa. 90%) comprises grass fields with hedgerow boundaries and drainage ditches. A number of access roads are noted running across the site, namely Bee Lane, Moss Lane, Flag Lane and Lords Lane.
- 2.2.2 The site is generally bound to the south by agricultural fields, to the west by Penwortham Way, to the east by a railway line and to the north and north west by residential housing. Topographically, the site falls from circa 33-34mAOD on the eastern extent to circa 26-27mAOD on the western extent and is relatively flat with occasional areas of undulation. An area of note includes small mound (circa. 1.0m higher than surrounding land) in the field to the rear of Proctor's Farm and The Barn.
- 2.2.3 In addition to the aforementioned drainage ditches, Mill Brook is noted in the south western corner and a number of pond features (including infilled ones) are noted across the site. An area of boggy and saturated ground was noted between fields in the western portion of the site indicative of poorly draining soils.
- 2.2.4 On site agricultural operations include 'Holme Farm Dairies' and 'Claytons Poultry Farm' and the extensive operations were indicated by the vast numbers of livestock on site. In addition, a large number of sheep were also noted across the site.
- 2.2.5 A number of fields on the north eastern and south western corners of Bee Lane and Moss Lane and the south eastern corner of Flag Lane and Lords Lane were noted to have restricted access as they comprised stables with segregated fields containing horses and donkeys. In addition to the livestock and horses, a number of crop fields were noted along Bee Lane.
- 2.2.6 A sizeable overhead power line is noted running across the site from the north western boundary to the south eastern corner with associated pylons noted in a number of fields across the site. In addition, numerous smaller scale overhead power lines and below ground utilities are noted running in areas of access roads.

- 2.2.7 Potentially contaminative activities noted on site include: an auto repair garage to the north of Bee Lane noted as 'Peter Hambilton Motor Engineer', and the aforementioned agricultural operations. 'Coote Lane Garage' was noted in close proximity to the sites southern boundary with activities involving vehicles including HGVs and those carrying fuel oils.
- 2.2.8 Other features of note on site include two semi-dilapidated buildings / structures on the south western corner of Nib Lane and Lords Lane comprising a barn-like and house-like structure, an infilled pond feature on the sites north western boundary and evidence of infilled ground around access gates to fields.
- 2.2.9 A second site walkover survey was undertaken in June 2021. Given the time elapsed since the first walkover survey it was deemed necessary to ensure the site remained in the same condition and site uses had not changed. The walkover revealed that site use remains largely unchanged from the 2018 survey.
- 2.2.10 A selection of photographs showing the site at the time of the initial inspection in 2018 and second inspection in 2021 have been provided within Appendix A. In addition, features of note and site constraints are noted on RoC drawing no. CON101 and CON102 provided in Appendix A.

2.3 Site History

- 2.3.1 The site history has been compiled by reference to historical Ordnance Survey maps obtained from Envirocheck presented in Appendix B.

On site historical land uses

- 2.3.2 Earliest mapping records (1848) indicate that the site has remained largely undeveloped as fields or farmland with associated farmsteads until the present day.
- 2.3.3 Mapping records from 1912 indicate a slight increase in the number of farmsteads across the site and the introduction of a drainage channel running across the site from east to west associated with an off-site mill building.
- 2.3.4 Residential housing development comprising both terraced and detached houses / farmsteads is noted on the southern site boundary from 1931 mapping records.

Adjacent historical land uses

- 2.3.5 Earliest mapping records (1848) indicate adjacent land use to comprise predominantly fields / farmland with railway lines along the sites north eastern boundary (Lancashire & North West and Lancashire & Yorkshire Joint Railway) and 180m to the south of the site (Lancashire & Yorkshire Railway). Mapping records from 1894 indicate the expansion of the railway line to the north east to comprise an additional trackway bounding the sites eastern border (indicated as Farington Connecting Fork).
- 2.3.6 Following the construction of the railway line, the town of Farington to the east of the site becomes more industrially focused with a clay pit and brick yard noted circa 280m to the south east (1894), Anchor Rubber Works noted approximately 265m to the east (1912) and Tardy Gate Mill noted circa 400m to the east (1912) with the aforementioned drainage channel crossing the site.
- 2.3.7 Residential housing begins to appear from 1931 to the north west and south west of the site with the disappearance adjacent of brick yards, clay pits and rubber works. Substantial residential housing is noted by 1975 to the north of the site in the same configuration as present day.
- 2.3.8 Mapping records from 1931 also indicate the construction of a gas works approximately 930m to the north east of the site with additional gas holders noted from 1955. The gas works remains on historical mapping records until 2004, where it disappears along with Tardy Gate Mill. The construction of Penwortham Way along the sites western boundary is noted from 1990 mapping records.

2.4 Geology

- 2.4.1 Review of British Geological Society (BGS) geological map records (Sheet 75) indicate the site is underlain by the following:

Drift Geology: Till, Devensian – Diamicton

Solid Geology: Singleton Mudstone Member – Mudstone

- 2.4.2 The Envirocheck report (Appendix C) indicates that the site is not located in an area which may be affected by historic Coal Mining or Brine extraction and a Coal Authority report is not required.
- 2.4.3 A search has also been completed using the BGS Borehole Scans facility to establish what (if any) historic site investigation or borehole data may be available for the development. There are 39 historic boreholes noted on site which were completed for Central Lancashire Development Corporation in June 1981.
- 2.4.4 Ground conditions encountered comprised generally topsoil ranging to depths between 0.3m and 0.6mbgl overlying glacial clay deposits extending beyond the termination depth of boreholes (6.0 – 6.6mbgl). An overview to BGS borehole scan information and their approximate locations are indicated on RoC drawing no. CON101 and CON102 (Copies available in Appendix A).
- 2.4.5 Ground conditions encountered during the 2020 Brownfield Solutions investigation works were found to comprise topsoil located across the majority of the site from ground level to depths ranging between 0.10 and 0.70mbgl. Localised made ground deposits were encountered in areas of the site ranging in depth from ground level to 0.10 to 0.99mbgl. Deposits were found to vary in composition and former ponds noted as present.
- 2.4.6 Natural soils were found to predominantly consist of medium to high strength clays with sand and gravel bands of greater thickness and density with depth. Natural soils were proven to a maximum depth of 20.45mbgl.
- 2.4.7 Peat deposits were encountered in localised areas across the site (more predominantly in the northern and central portions) of varying thickness from 0.03m to 1.43m and generally located within the upper metre of site soils. The bedrock geology was not encountered.
- 2.4.8 There are no geological faults or features indicated within 500m of the site.
- 2.4.9 According to the environmental database search, the site is in an area where radon protection measures are not necessary in the construction of new dwellings or extensions.

2.5 Agency and Hydrological

- 2.5.1 The Envirocheck Groundwater Vulnerability Map indicates the drift geology is classified a Secondary Undifferentiated aquifer with the underlying mudstone bedrock classed as a Secondary A Aquifer.
- 2.5.2 The site is not located within an Environment Agency Source Protection Zone. The site is not located within 250m of any sensitive water abstraction points (e.g. potable water supply well).
- 2.5.3 Numerous surface water features are noted on site in the form of drainage channels, tertiary rivers, and ponds. A brook is noted crossing the site from east to west which is believed to be a tributary of 'Mill Brook'.
- 2.5.4 There are two discharge consents on site associated with the discharge of sewage (final / treated) from residential properties into the tributary of Mill Brook and the River Ribble. The status for both is 'New Consent' suggesting that both are still active.
- 2.5.5 A number of historic pollution incidents have been noted in close proximity to the site. The closest incident occurred 14m to the north east of the site and comprised spillage of oils – diesel (including agricultural) into the Lune catchment in 1995. The incident was recorded as a Category 3 – Minor Incident. Three Category 2 – Significant Incidents have been recorded within 250m of the site comprising the discharge of farm drainage (animal waste) into Tributary of Mill Brook (1992), the discharge of slurry into a brook to the rear of Chain House Lane (1999) and the discharge of an unknown pollutant into the Lostock catchment (1992). The incidents occurred 56m, 58m and 197m to the south of the site, respectively.

2.6 Hazardous Substances

- 2.6.1 There are no active Control of Major Accident Hazards Sites (COMAH), Explosive Sites, Notification of Installations Handling Hazardous Substances (NIHHS), Planning Hazardous Substance Consents, Radioactive Substance or Planning Hazardous Substance Enforcements within 250m of site.

2.7 Landfill Sites and Other Waste Disposal Facilities

- 2.7.1 There are no registered or historic landfill sites and waste transfer or treatment stations within a 250m radius of the site.

2.8 Industrial Land Use

- 2.8.1 Contemporary trade directory entries indicate there are potentially contaminative activities on site. Active entries for the site include Firework Stockists, Caravans – Servicing & Repairs, Commercial Vehicle Servicing, Repairs, Parts & Accessories, Dairies and Road Haulage Services.
- 2.8.2 The nearest fuel station entry is indicated 174m to the east comprising the Penwortham Service Station on Leyland Road, the status of which is obsolete.

2.9 Ecological Setting & Invasive Plant Species

- 2.9.1 The site is not said to be located on or adjacent to an area of Greenbelt or within an area of special scientific / biological interest.
- 2.9.2 No evidence of invasive plant species was noted during the course of the site walkover survey, although, it should be noted the inspection did not comprise a detailed ecological assessment.

2.10 Former Site Investigation Information

- 2.10.1 Brownfield Solutions Ltd produced a Geo-Environmental Assessment Report (REF: NS/C4259/9441 Rev A) in October 2020. The investigation works comprised the formation of 196 trial pits, 163 window sample boreholes, 27 cable percussion boreholes, 10 plate load tests and 12 infiltration tests.
- 2.10.2 Ground conditions encountered during the investigation works were found to comprise topsoil located across the majority of the site from ground level to depths ranging between 0.10 and 0.70mbgl. Localised made ground deposits were encountered in areas of the site ranging in depth from ground level to 0.10 to 0.99mbgl. Deposits were found to vary in composition and former ponds noted as present.
- 2.10.3 Natural soils were found to predominantly consist of medium to high strength clays with sand and gravel bands of greater thickness and density with depth. Natural soils were proven to a maximum depth of 20.45mbgl.
- 2.10.4 Peat deposits were encountered in localised areas across the site (more predominantly in the northern and central portions) of varying thickness from 0.03m to 1.43m and generally located within the upper metre of site soils. The bedrock geology was not encountered.
- 2.10.5 Groundwater was encountered between 0.18 and 14.20mbgl arising from granular deposits within the clays. Subsequent monitoring of groundwater levels indicates groundwater levels between ground level and 9.91mbgl.
- 2.10.6 Brownfield Solutions subsequent chemical analysis of soil samples indicate localised hotspots of PAH's and heavy metals were encountered in topsoil deposits in the south eastern portion of the site (when screened against a residential with plant uptake end use). Statistical analysis was undertaken on chemical testing data from this area of the site and indicated that the "true mean" is below the critical concentration and soils are suitable for the intended use. Elevated concentration of metal and PAH were found to be associated with localised made ground deposits. Chrysotile asbestos encountered at TP63 in the north eastern area of the site. Pesticide screening was undertaken on a number of samples and no subsequent concentrations of pesticides or herbicides were revealed.
- 2.10.7 Brownfield Solutions conclude risks posed toward controlled waters are low, owing to an absence of significant sources of soil contamination, extensive coverage of low permeability and depth to the underlying bedrock aquifer. A ground gas risk assessment was also undertaken with the site being characterised as falling into NHBC green class with no protection measures required for proposed structures (Subject to the removal of peat and made ground associated with an infilled pond encountered at VWS87 in the north west of the site).
- 2.10.8 Suggestions for an outline remediation strategy were proposed with measures including soil capping in areas of made ground left in situ in garden and public open space areas and supplementary investigation in the area of the site surrounding TP63 (north eastern area of the site) where asbestos was encountered.



2.11 Geotechnical Considerations

- 2.11.1 As previously noted, a number of exploratory boreholes were completed on site in June 1981. Borehole placement covers roughly 50% of the site with exploratory holes located predominantly on the sites western and southern extents with few boreholes in the central and eastern portions and no boreholes in the northern portion. Ground conditions were found to generally comprise topsoil to depths ranging between 0.3 and 0.6mbgl overlying firm to stiff clay with localised soft areas associated with silt banding to depths in excess of 6.6mbgl. Rare horizons of fill, silt and sand were also noted. Topographically, the site is relatively flat, and it is unlikely that bulk earthworks will be required for the creation of development platforms.
- 2.11.2 Further exploratory holes were completed by Brownfield Solutions in June to July 2020 providing a much wider coverage of the site. Ground conditions encountered during the investigation works were found to comprise topsoil located across the majority of the site from ground level to depths ranging between 0.10 and 0.70mbgl. Localised made ground deposits were encountered in areas of the site ranging in depth from ground level to 0.10 to 0.99mbgl. Deposits were found to vary in composition and former ponds noted as present.
- 2.11.3 Natural soils were found to predominantly consist of medium to high strength clays with sand and gravel bands of greater thickness and density with depth. Natural soils were proven to a maximum depth of 20.45mbgl.
- 2.11.4 It is considered (based on historic site investigation information available for the site) the adoption of conventional foundations may be possible for a significant portion of the development, although detailed plot specific ground investigation works will be required in order to confirm this assumption. This initial opinion is based on the fact boreholes completed to date indicate reasonably competent firm to stiff clays underlying topsoil material that are assumed to be the suitable founding strata; localised areas of peat deposits may need to be removed due to their compressible nature to allow for founding on underlying clays. Any deviation from this assumed ground model may require an alternative foundation solution
- 2.11.5 An intermediate pressure gas main is noted running across the fields to the north of Bee Lane and a culvert is noted in the same area, a development easement is likely to be required for both of these features.

2.12 Redevelopment Proposals

- 2.12.1 It is understood that the site is to be redeveloped for mixed use including low rise residential type housing, educational and health care facilities, recreational areas, and retail led uses with the incorporation of a spine road and numerous secondary and tertiary access roads.
- 2.12.2 At the time of writing precise details of the proposed layout are yet to be confirmed.



3.0 PRELIMINARY CONCEPTUAL SITE MODEL

- 3.0.1 The information obtained during the desk-based study has been reviewed to establish the Preliminary Conceptual Model for the site. This model is based around the Source / Pathway / Receptor methodology as outlined in Figure 3.0.

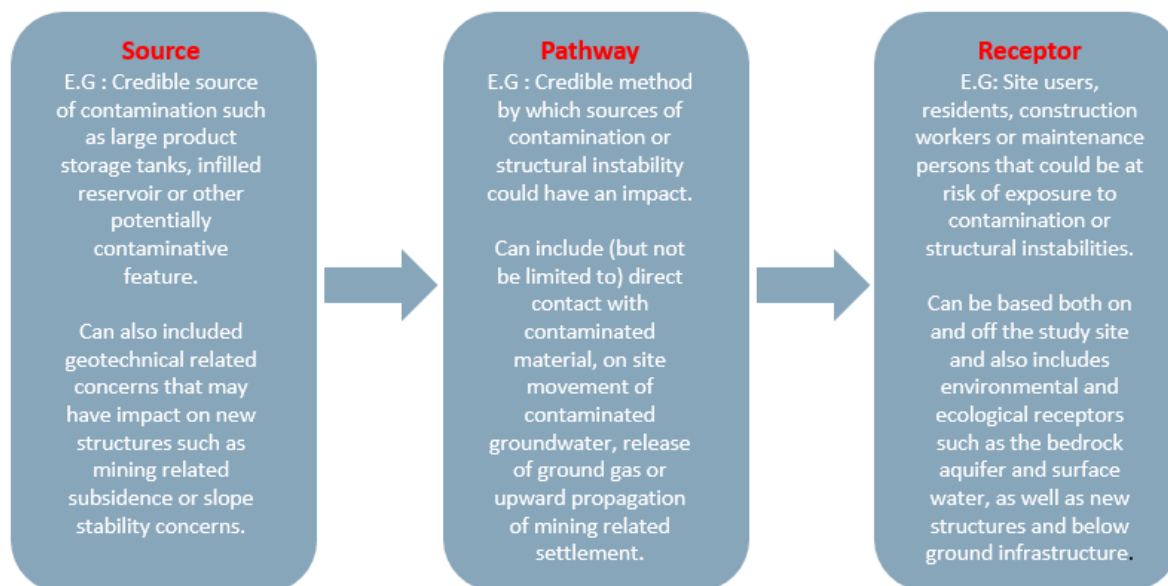


Figure 3.0 Source Pathway Receptor Diagram

- 3.0.2 Risk assessment is the process of collating known information on a hazard or set hazards in order to establish actual or potential risks to receptors. The receptor may be human health, controlled waters, a sensitive local ecosystem or even construction materials. Receptors can be connected with the hazard under consideration via one or several exposure pathways (e.g. the pathway of direct skin contact and oral exposure).
- 3.0.3 Risks are generally managed by isolating or removing the hazard, isolating the receptor, or by intercepting the exposure pathway. Without the three essential components of a source (hazard), pathway and receptor, there is deemed to be no risk. In other words, the mere presence of a hazard at a site does not mean that there will necessarily be risks.
- 3.0.4 CLEA CLR 8 provides a selection of contaminants that may be relevant for the assessment of contaminated land, based on site usage, because they are likely to be found on a large number of industrial sites in the UK and have the potential to affect human health and the environment. The CLEA CLR 8 documentation, along with other relevant guidance, forms the basis against which the site has been assessed.

Potential Sources

- 3.0.5 Based on the current / historical uses of the site, and the surrounding area, the following potential sources of contamination / abnormal items have been identified:

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- On site hydrocarbons and PAHs associated with vehicle repair works and general made ground deposits.
- On site organic contaminants (e.g. phosphates), heavy metals and pathogens associated with dairy and poultry farms.
- On site pesticides and herbicides associated with agricultural activities and crop yielding.
- Localised On site ground gas generation associated with infilled pond and areas of infilled ground.
- Asbestos identified at a localised area in the north east of the site during Brownfield Solutions Ltd site investigation works

Potential Pathways and Receptors

3.0.6 The following potential pathways and receptors have been identified for the above potential sources of contamination:

- End users of the site (future site users) could be at risk of exposure to contaminated soils / materials at the site via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas.
- Construction persons could also be at risk of exposure to contaminated soils via ingestion, direct contact and inhalation of contaminated dust / vapours / hazardous gas.
- Leaching of potential contaminants into the bedrock aquifer beneath the site, on site drainage channels, culverted water courses and tertiary rivers.
- Below ground structures such as concrete foundations or water supply pipe work could be at risk of chemical attack and damage as a result of aggressive ground conditions.

Assessment of Risk –Linkages

3.0.7 Risk is normally defined by the consequences of the risk (i.e. severity) and the probability of the risk occurring. For each pollutant linkage, both the probability and severity is assessed to determine whether there may be an unacceptable risk. Risk is classified as follows:

- Low - no action required
- Medium - some mitigation measures may be required
- High - mitigation measures definitely required

3.0.8 Table 3.1 (provided overleaf) assesses and summarises the pollutant linkages that may exist at the site; the assessment has assumed that the site is to be redeveloped for mixed end uses including residential housing, educational and health care facilities and recreational and retail led end uses. The site includes both the current proposed development site and the additional land safeguarded for future development to the south.

TABLE 3.1: PRELIMINARY CONCEPTUAL SITE MODEL		
Potential Sources		
Contamination Source	Risks Posed	Comment
Current land use	Low	<p>Agricultural land (covering a large portion of the site footprint) poses an (albeit limited) source of contamination through the use of herbicides and pesticides.</p> <p>Other potential hot spots of contamination noted are associated with site activities including dairy farming, poultry farming and vehicle repairs.</p>
Historical land use	Low	<p>On Site The site has remained largely undeveloped as fields or farmland until the present day. It is unlikely that historic operations on site will have had a significant impact on soil quality, though a risk remains from the use of herbicides and pesticides.</p>
	Low	<p>Off Site The site has been predominantly surrounded by residential dwellings and farmsteads which are not considered to have introduced a source of contamination.</p> <p>Historic industrial activity noted within 500m of the site includes clay pit, brick yard, rubber works and mill, however, given the distance from site they are considered negligible risk.</p>
Proposed land use	Low	The site is to be developed as predominantly low-rise residential dwellings and is not envisaged to impact site soils in its completed configuration.
Ground Gas	Low	Infilled pond features have the potential to generate ground gas and could pose a localised risk to future site users, however, given the size of ponds on site it is considered negligible risk.
Off-site Sources	Low	The site is predominantly surrounded by residential housing and open fields, which are unlikely to introduce any contaminant sources on site.
Potential Receptors		
Human Health – Construction Personnel		Construction persons are considered to be at the greatest risk of exposure to contaminants during the site's redevelopment. The use of full PPE and welfare facilities will be essential during the redevelopment process.
Human Health – Site Users		Future site users are considered at risk of exposure to soil and groundwater contamination (whilst using garden and landscaped areas).
Off-site properties – Adjacent Residential Housing		Considered at risk of exposure to windblown contaminants during the sites development process but unlikely to be at risk of exposure to contaminants post completion of construction works.
Controlled waters - Surface waters		A number of minor watercourses and drainage ditches have been noted across the site and are potential receptors for contaminants. Mill Brook is a potential receptor as a tributary of this water course is noted on site.

Controlled waters – Bedrock Aquifer		The bedrock is classified as a Secondary Aquifer and is therefore considered relatively low risk. In addition, the site is not located within a Source Protection Zone or in close proximity to any sensitive water abstraction points.
Ecological Receptors		The site is not located in close proximity to an SSSI, or area of greenbelt and ecological receptors are not considered at risk.
Below Ground Infrastructure		Below ground water supply pipe work and concrete structures are considered at risk of damage or could have their integrity compromised by aggressive chemical conditions.
Potential Pathways		
Pathway route	Likelihood of linkage	Reason
Direct dermal contact, ingestion and inhalation of contaminated soil / dust	Low	Construction Workers: Some minor contamination was encountered on site with a localised finding of asbestos in the north east of the site and elevated levels of metal and PAH's in localised topsoil deposits in the south east of the site as well as made ground deposits. The presence of as yet, unreported sources of contamination cannot be precluded. It is considered the risks posed to construction personnel, by sources of contamination, can be adequately mitigated against via the use of full PPE and the adoption of good hygiene and site practises. As required, any suspected sources of contamination discovered during the site's development should be brought to the immediate attention of RoC Consulting to enable the implications to be established and appropriate remedial recommendations made. In the event of such a discovery, the scope and findings of the current assessment will require re-assessment and revision.
	Low	Future site users: The site is predominantly undeveloped fields or farmland and is unlikely to present a risk to future site residents across the majority of the site. However, the asbestos encountered in the north eastern area of the site should be properly investigated to properly understand the risk this presents. Also elevated levels of PAH and metals in some localised areas of the site may present a risk to future site users. However, this would be readily mitigated against with a soil capping strategy.
Off-site receptors	Low	There is the potential for generation of dust during the construction works, it is recommended dust generation be kept to a minimum in accordance with general best practice.
Leaching of contaminated soil and impact to Aquifer beneath site	Low	No wide spread grossly contaminated soils have been encountered on site. Furthermore, significant impermeable clay deposits were found to be present beneath the site overlying the bedrock aquifer which substantially reduces the risk of contaminant migration.

Migration of contaminated groundwater into surface water features	Low	It is recommended that all construction contractors take suitable precautions during the redevelopment process to ensure the ongoing protection of surface soils / water features as the drainage channels and tertiary rivers running across the site could be in hydraulic connectivity to a primary river (e.g. River Ribble).
Below ground structures and pipe works	Low	The desk-based assessment has identified the site has a low contaminative potential and the need for protective water supply pipe work is considered unlikely. However, naturally occurring elevations of sulphate concentrations may be present and all below ground concrete structures should be designed with reference to site specific soil chemical testing information.
Ground Gas	Low	Infilled pond features have the potential to generate ground gas, though the size of these are not considered substantial and the ground conditions are likely to comprise impermeable deposits to depth reducing ground gas flow. The ground gas regime was investigated by Brownfield Solutions Ltd and it was deemed no mitigation measures were necessary.



4.0 CONCLUSIONS & RECOMMENDATIONS

4.0.1 The desk-based assessment has identified the following:

- The site has remained largely undeveloped fields and agricultural land until the present day with the exception of a few residential properties and light industrial activities (e.g. dairy farm). Numerous drainage ditches, tertiary water courses and ponds are noted across the site. A sizeable overhead power line is noted running across the site from the north western boundary to the south eastern corner with a number of pylons noted within fields on site.
- The site is bound to the north and north west by low-rise residential housing, to the south by Coote Lane / Chain House Lane, to the west by Penwortham Way and to the east by a railway line.
- BGS borehole records and Brownfield Solutions Ltd site investigation data indicate that the site is underlain by topsoil to depths ranging between 0.10 and 0.70mbgl overlying glacial clay deposits in excess of to a maximum proven depth of 20.45mbgl with occasional Made Ground, silt and sand / gravel within clay deposits. Peat deposits were also encountered in the central and northern areas of the site and were typically found to be 0.03m to 1.43m in thickness and generally located within the upper metre of site soils.
- The site is to be redeveloped as a mixed end uses development including low rise residential housing, educational / health care facilities, recreational and retail end uses with an associated link road.
- Potential sources of contamination on site are generally limited to the current light industrial processes including dairy farm, poultry farm, small garages, and other agricultural activity. The Brownfield Solutions Ltd site investigation works identified a single occurrence of asbestos and localised area of elevated heavy metal and PAH concentrations associated with made ground and in some cases topsoil.

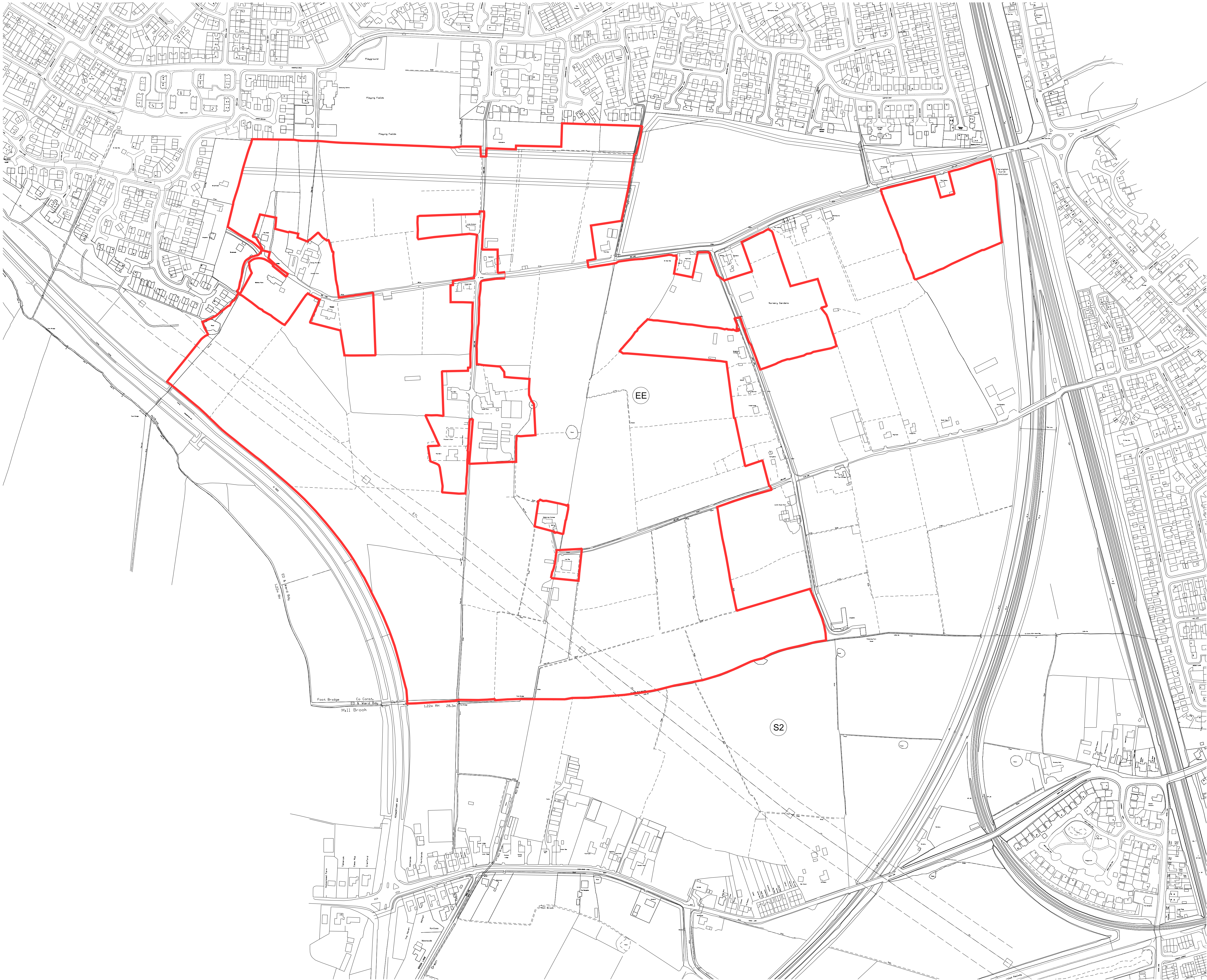
4.0.2 With reference to the above it is noted that, although risk is low, the site has the potential to impact on identified receptors, both during the construction process and as part of its subsequent operation as a mixed low rise residential led development.

4.0.3 A preliminary site wide ground investigation has been completed by Brownfield Solutions Ltd across the site the results from which confirm its largely greenfield classicisation. It is envisaged these works will be complemented by supplementary development parcel specific investigations as the project moves toward a detailed design phase to test and confirm the assumptions made in both this and the recent Phase 2 Ground investigation reports. As required, depending on the results of supplementary investigations, localised remediation measures may be required to address hotspots of contamination as and where they may occur.



APPENDIX A - SITE PHOTOS AND DRAWINGS





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KEY PLAN:
Application Site Boundary

100 04/06/21 Issued for information

REV: DATE: DETAILS:

5plus architects

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Fourth Floor, The Hive, 47 Lever Street,
Manchester M1 1FN

London: 0207 253 7644
Third Floor, 25 Chart Street,
London N1 6FA

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PROJECT:
The Lanes,
Penwortham

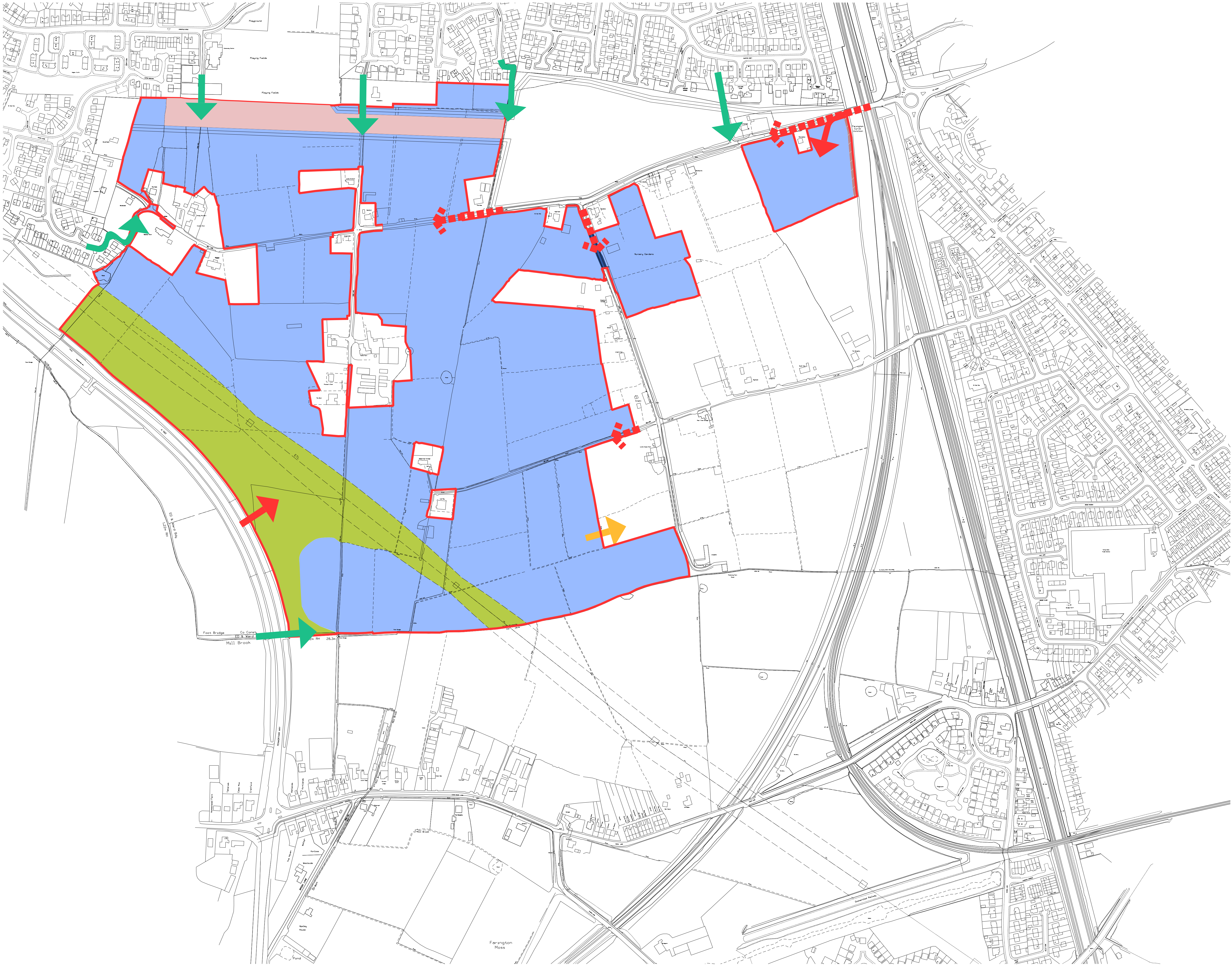
TITLE:
Application A
Parameter Plan - Red Line

SCALE: 1:2500 @ A1
ORIGIN DATE: 05/12/18
STATUS:

DRAWN: OR
CHECKED: AT

PROJECT: 05745
DRAWING NO: MP_00_1000

REV: 100



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CONSTRUCTION: It is assumed that the proposed works are within the scope of a competent Contractor and no such or unusual requests have been identified. Refer to relevant type Structural Designers Note Assessment.

KEY PLAN:

- Application Site Boundary
- Residential and elderly persons accommodation including open space, landscaping, existing roads, access and other associated infrastructure (use class C3, C2 and sui generis).
- Education including open space, landscaping, access and associated infrastructure (use class F1)
- Retail, professional and financial services; cafes, restaurants, hot food and drinking establishments; office, leisure and health (use classes E, F1, F2 and sui generis).
- Appropriate buffers to existing properties will be confirmed at reserved matters stage
- Flood Storage zone including open space, landscaping, existing roads, access and other associated infrastructure
- Buffer from Penwortham Way including landscaping access and associated infrastructure such as SUDs.
- Buffer from railway line including landscaping access and associated infrastructure such as SUDs.
- New Access Points
- Existing Access Points
- Existing Pedestrian Access
- Access into adjoining land (see connected application)

104	22/06/21	Revised access
103	15/06/21	Residential accommodation updated
102	15/06/21	Revised access
101	11/06/21	Revised access
100	04/06/21	Issued for information

REV.	DATE	DETAILS
------	------	---------

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Fourth Floor, The Hive, 47 Lever Street,
Manchester M1 1FN

London: 0207 253 7644
Third Floor, 25 Chart Street,
London N1 6FA
5plusarchitects.com

PROJECT:
The Lanes,
Penwortham

TITLE:
Application A
Parameter Plan - Land Use

SCALE:
1:2500@A1

ORIGIN DATE:
05/12/2018

DRAWN:
OR

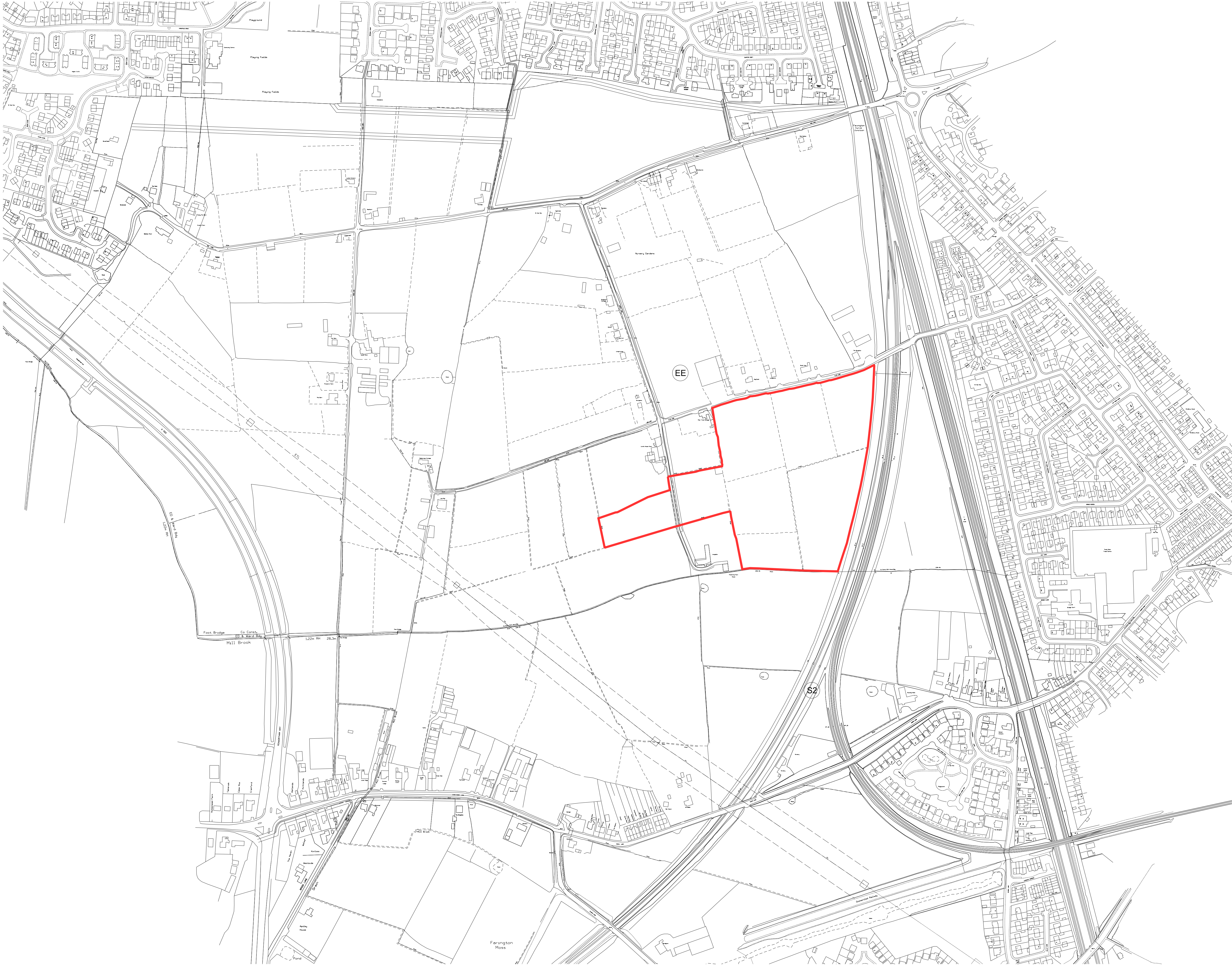
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PROJECT:
05745

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REV:
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CONSTRUCTION - It is considered that the proposed works are within the scope of a competent Contractor and no such or unusual requests have been identified, other to relevant type: Structural, Landscape, Site Assessment.

KEY PLAN:
Application Site Boundary

101 22/06/21 Revised boundary
100 04/06/21 Issued for Information

REV: DATE: DETAILS:

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PROJECT:

The Lanes,
Penwortham

TITLE:

Application B
Parameter Plan - Red Line

SCALE:

1:2500@A1

ORIGIN DATE:

05/12/18

DRAWN:

OR

CHECKED:

AT

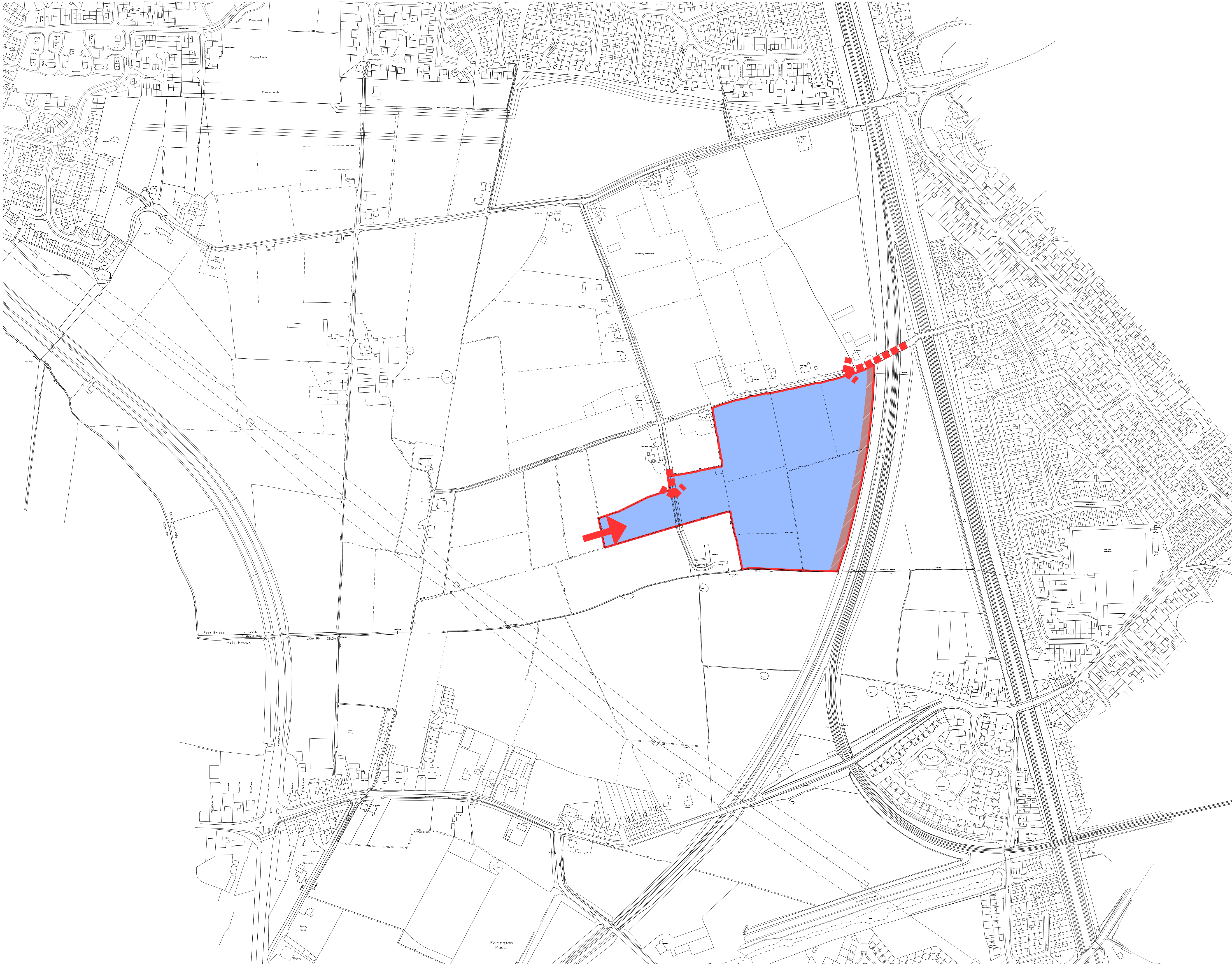
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PROJECT

DRAWING NO:
05745 MP_00_2000

REV:

101



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CONSTRUCTION - It is assumed that the proposed works are within the scope of a competent Contractor and no such or related matters have been identified, other to relevant type. Structural Engineer's Note
Assessment

KEY PLAN:

Application Site Boundary

Residential and elderly persons accommodation including open space, landscaping, existing roads, access and other associated infrastructure (use class C3, C2 and sui generis).

Education including open space, landscaping, access and associated infrastructure (use class F1)

Retail, professional and financial services; cafes, restaurants, hot food and drinking establishments; office, leisure and health (use classes E, F1, F2 and sui generis).

Appropriate buffers to existing properties will be confirmed at reserved matters stage

Buffer from railway line including landscaping access and associated infrastructure such as SUDs.

New Access Points

Existing Access Points

101 22/06/21 Revised boundary
100 04/06/21 Issued for information

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London N1 6FA

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PROJECT:

The Lanes,
Penwortham

TITLE:

Application B
Parameter Plan - Land Use

SCALE:

1:2500@A1

ORIGIN DATE:

02/06/2021

DRAWN:

AB

CHECKED:

AT

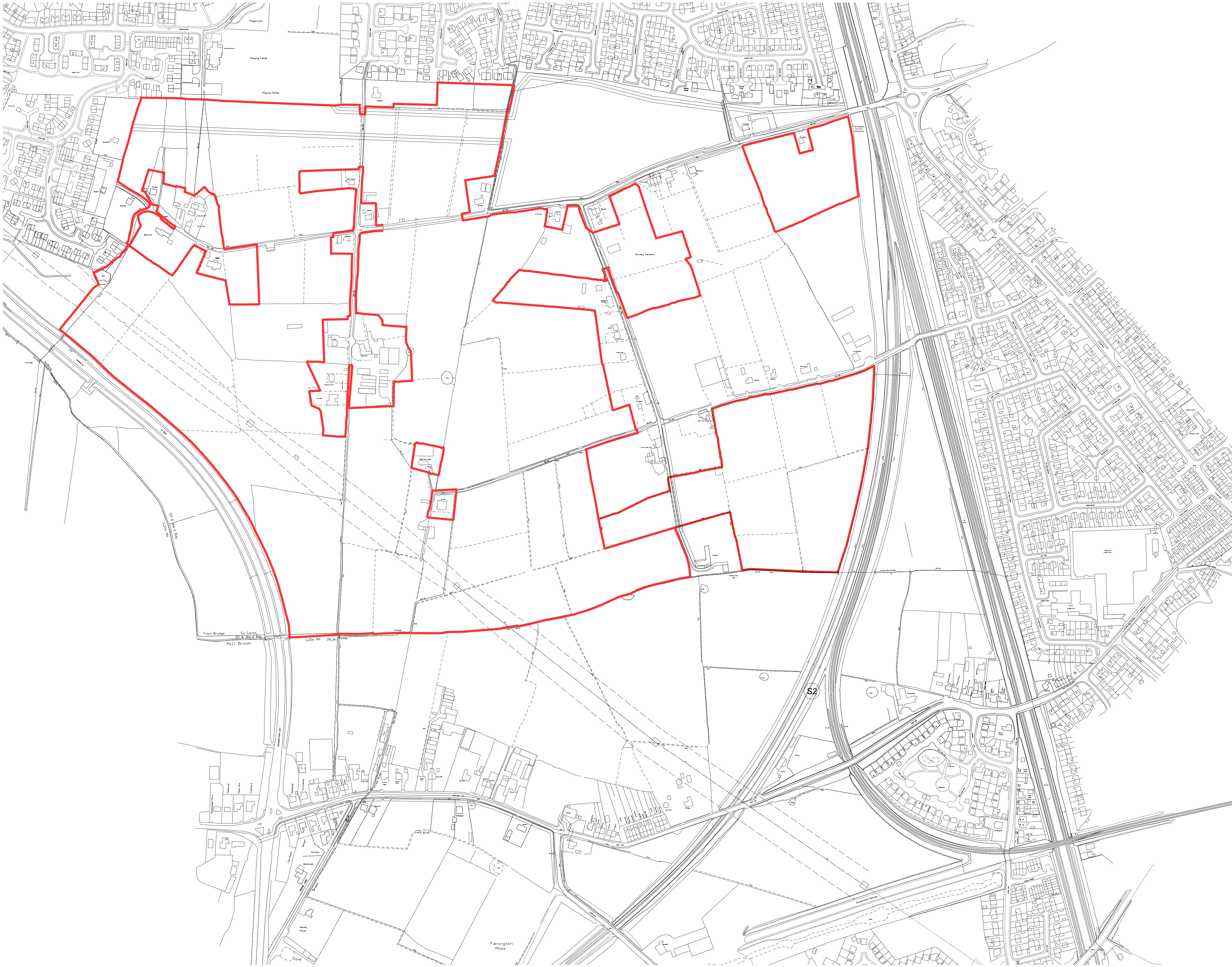
STATUS:

PROJECT
05745 MP_00_2001

DRAWING NO:

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101



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CONSTRUCTION - It is considered that the proposed works are within the scope of a competent Contractor and no such or unusual requests have been identified, other to relevant type. Structural Engineer's Sign Assessment

KEY PLAN:
Application Site Boundary

100 05/07/21 Issued for Information

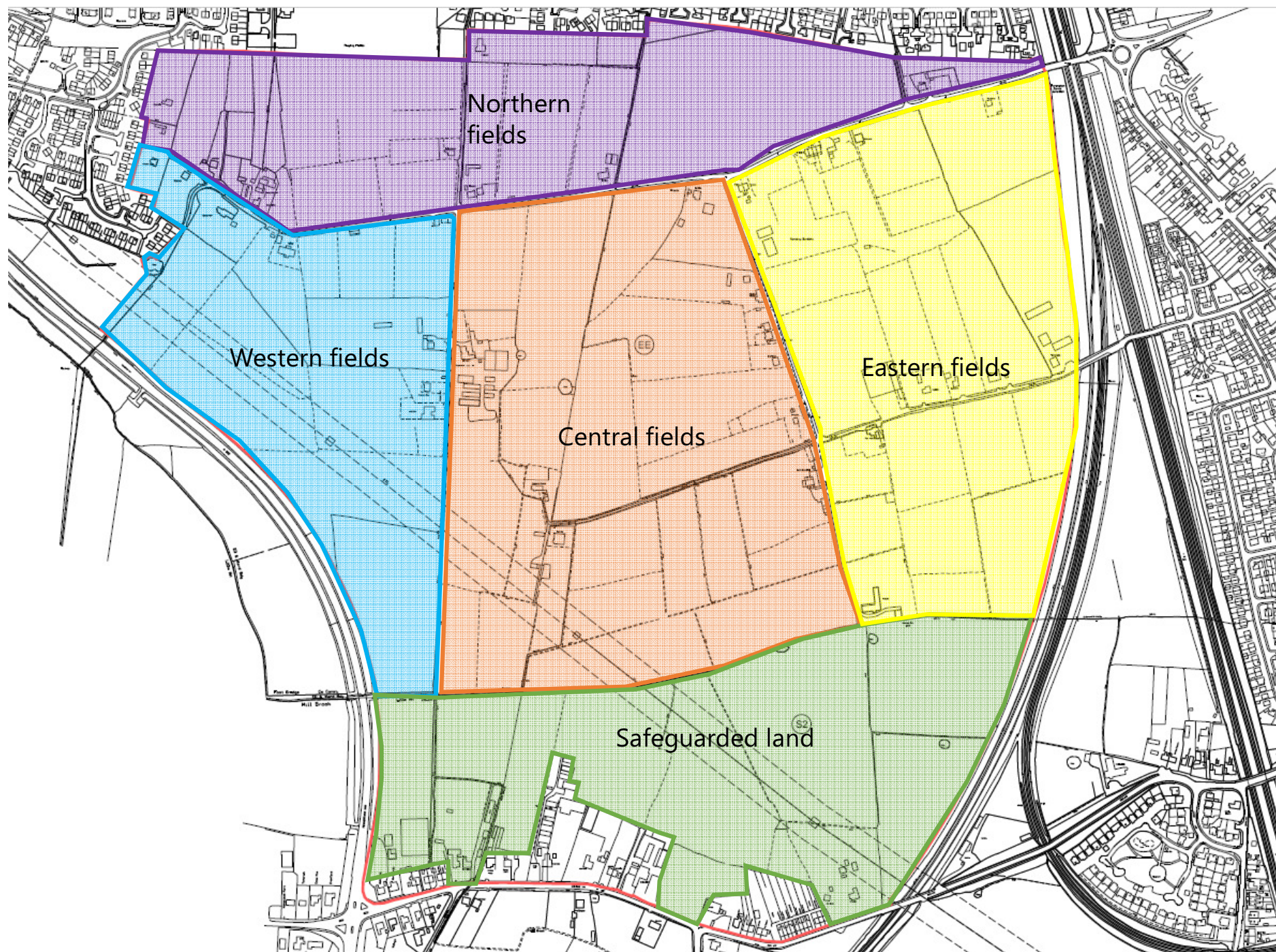
REV: DATE: DETAILS:


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Fourth Floor, The Hive, 47 Lever Street,
Manchester M1 1FN
London: 0207 253 7644
Third Floor, 25 Chart Street,
London N1 6FA
5plusarchitects.com

PROJECT:
The Lanes,
Penwortham
TITLE:
Parameter Plan - Red Line Boundary
Application A + B
SCALE: 1:2500@A1 ORIGIN DATE: 05/07/21 DRAWN: AB CHECKED: AT
STATUS:

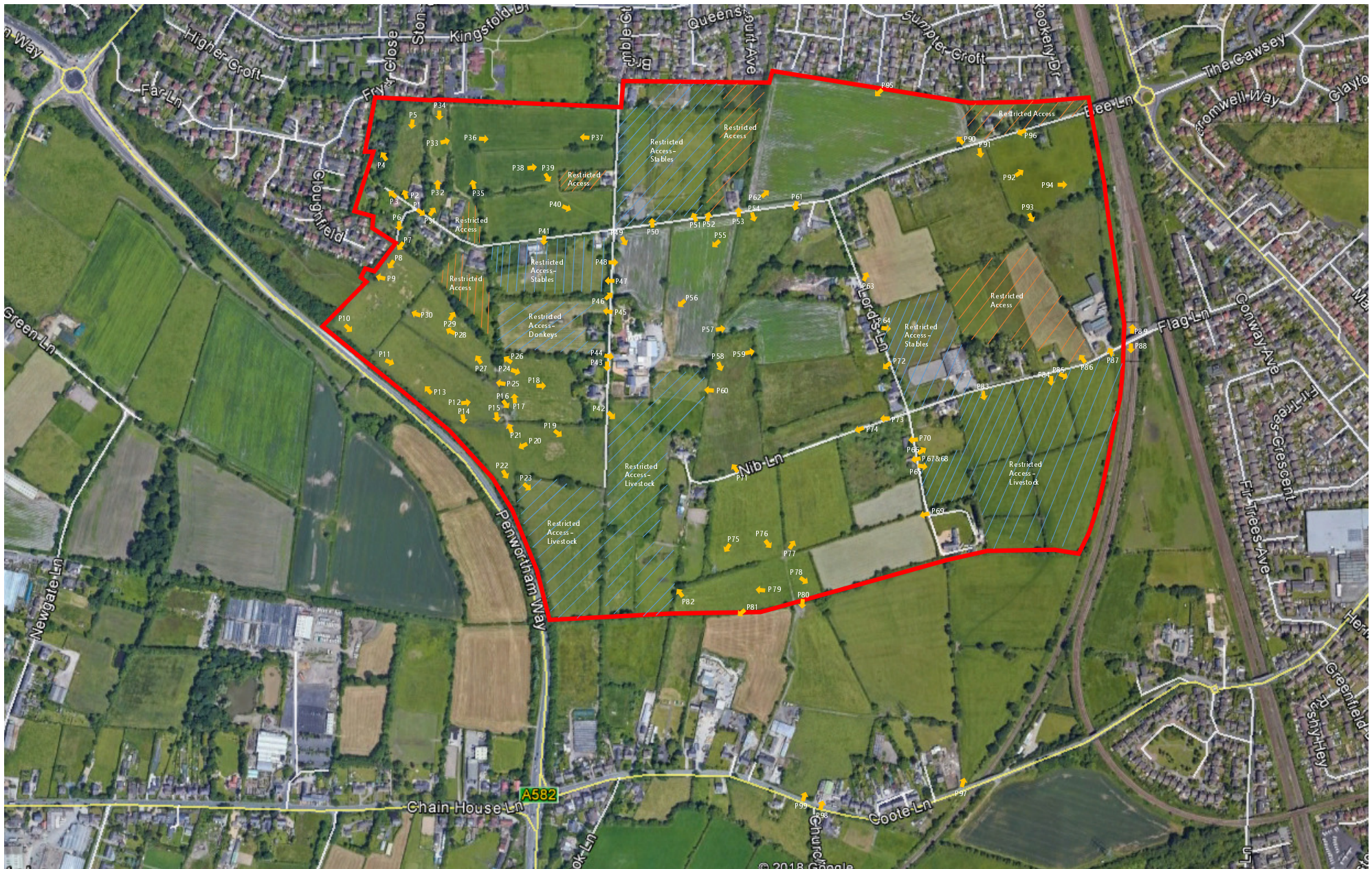
PROJECT: 05745 DRAWING NO: MP_00_3000 REV: 100




	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Field Subdivision	MN – 15/08/18



COMPLEX CHALLENGES ... MADE SIMPLE



	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs	MN – 15/08/18



COMPLEX CHALLENGES ... MADE SIMPLE



Photo 1: Looking south east along Bee Lane from the north west of the site



Photo 2: Looking north west into northern field on western side of Bee Lane



Photo 3: Looking north west along access road from Bee Lane to sites north western boundary



Photo 4: Looking north west towards sites north western boundary



Photo 5: Looking south from northern field on western side of Bee Lane towards 'The Nook' residential property



Photo 6: Looking south along access road from Bee Lane to western fields


	JOB NO	3861	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	MN – 15/08/18
			Site Walkover Photographs 1 – 6	



Photo 7: Evidence of fill material around access point to western fields



Photo 8: Looking south west towards western site boundary (Penwortham Way)



Photo 9: Evidence of infilled pond feature within western field



Photo 10: Looking south east from the western site boundary



Photo 11: Looking south east from western site boundary



Photo 12: Looking east across western fields


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 7 – 12	MN – 15/08/18





Photo 13: Looking north west from a western field towards north western boundary



Photo 14: Saturated and boggy ground noted in a western field



Photo 15: Saturated and boggy ground noted in a western field



Photo 16: Looking towards pylon in a western field



Photo 17: Looking north from a western field towards 'Balshaw Farm' and 'Balshaw Croft' residential properties



Photo 18: Looking east from a western field towards 'Proctor's Farm' residential property


	JOB NO	3861	properties	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham		SKETCH TITLE	Site Walkover Photographs 13 – 18



Photo 19: Looking south east from western field towards central fields



Photo 20: Looking south west from western field towards sites western boundary



Photo 21: Saturated and boggy ground between two western fields



Photo 22: Looking south east along western site boundary towards most southerly western field



Photo 23: Looking south east across most southerly western field



Photo 24: Looking south east at undulating ground in a western field towards 'Proctor's Farm' residential property


	JOB NO	3861	SKETCH NO	ESK01	
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 19 – 24	
					MN – 15/08/18



Photo 25: Evidence of saturated and boggy ground in a western field



Photo 26: Saturated and boggy ground in a western field



Photo 27: Looking north west across western fields towards north western site boundary



Photo 28: Looking north west across western field towards north western site boundary



Photo 29: Looking north east towards 'Balshaw Croft' residential property from western field



Photo 30: Looking north west towards access to most westerly field


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 25 – 30	MN – 15/08/18



Photo 31: Looking north east into northern field from Bee Lane



Photo 32: Looking north in northern field towards northern site boundary



Photo 33: Looking east across northern fields



Photo 34: Looking south from northern site boundary across northern field



Photo 35: Looking north across northern field towards sites northern boundary



Photo 36: Looking east across northern fields towards Moss Lane


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 31 – 36	MN – 15/08/18





Photo 37: Looking west across northern fields from adjacent Moss Lane



Photo 38: Looking west across northern field towards Moss Lane & the north west of 'Little Orchard'



Photo 39: Looking south east across northern fields




Photo 40: Looking south east in northern field towards intersection of Moss Lane and Bee Lane



Photo 41: Looking south from Bee Lane towards stables



Photo 42: Looking south east from Moss Lane towards central fields

	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 37 – 42	MN – 15/08/18



COMPLEX CHALLENGES ... MADE SIMPLE



Photo 43: Looking south along Moss Lane



Photo 44: Looking east from Moss Lane towards 'Holme Farm Dairies'



Photo 45: Looking west into western field adjacent to the rear of 'The Oaks' residential property from Moss Lane



Photo 46: Looking north east across most north western field of the central fields from Moss Lane



Photo 47: Looking west into western field adjacent stables from Moss Lane



Photo 48: Looking east from Moss Lane across most north western field of the central fields


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 43 – 48	MN – 15/08/18





Photo 49: Looking south east across most north western field of the central fields from intersection of Moss Lane & Bee Lane



Photo 50: Looking north from Bee Lane towards northern fields containing stables and horses



Photo 51: Looking north west from Bee Lane across northern fields containing stables and horses



Photo 52: Looking north east from Bee Lane across northern field adjacent 'Thornlea' residential property



Photo 53: Looking north from Bee Lane towards Peter Hambilton motor engineering



Photo 54: Looking south from Bee Lane across central field



JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 49 – 54	MN – 15/08/18





Photo 55: Looking south west across central field off Bee Lane



Photo 56: Looking south west across central field off Bee Lane towards 'Holme Farm Dairies'



Photo 57: Looking east across central field to the west of Lords Lane




Photo 58: Looking south east across central field to the north of Nib Lane



Photo 59: Looking east across central field to the west of Lords Lane



Photo 60: Looking west across central fields towards 'Holme Farm Dairies'

	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 55 – 60	



COMPLEX CHALLENGES ... MADE SIMPLE



Photo 61: Looking south west from Bee Lane at access point to central field



Photo 62: Looking north east across northern field off Bee Lane



Photo 63: Looking north east across most north westerly eastern field from Lords Lane



Photo 64: Looking east from Lords Lane across eastern field adjacent stables



Photo 65: Looking east from Lords Lane across eastern field



Photo 66: Looking north east from Lords Lane across eastern field


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 61 – 66	MN – 15/08/18



Photo 67: Looking west from Lords Lane at dilapidated building



Photo 68: Looking west from Lords Lane at dilapidated building



Photo 69: Looking west from Lords Lane across central field



Photo 70: Looking west from Lords Lane at dilapidated building



Photo 71: Looking north west from Nib Lane across central field towards 'Sibberings Cottage' residential property



Photo 72: Looking south west from Lords Lane across central field adjacent 'Sunnydene' residential property



	JOB NO	3861		ESK01	MN – 15/08/18
	PROJECT TITLE	The Lanes, Pentwortham		SKETCH TITLE	
				Site Walkover Photographs 67 – 72	



Photo 73: Looking west across central field on northern intersection of Nib Lane and Lords Lane



Photo 74: Looking south west along Nib Lane



Photo 75: Looking south west across central field to the south of Nib Lane towards pylon



Photo 76: Looking south east towards field boundary in central field to the south of Nib Lane



Photo 77: Looking north east across central field to the south of Nib Lane



Photo 78: Looking south east across central field bounding the safeguarded land


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	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 73 – 78	MN – 15/08/18





Photo 79: Looking west across central field bounding safeguarded land



Photo 80: Looking south from central fields boundary across safeguarded land



Photo 81: Looking south west from central fields boundary across safeguarded land



Photo 82: Looking north west across central fields towards field to the south of 'Lords House Farm' residential property



Photo 83: Looking south from Flag Lane across eastern field



Photo 84: Looking south from Flag Lane across eastern field



Photo 85: Looking south east from Flag Lane towards most north easterly eastern field



Photo 86: Looking north west from Flag Lane across eastern field adjacent 'South View' residential property



Photo 87: Looking north west from Flag Lane at 'Claytons Poultry Farm'



Photo 88: Looking south along railway line on the site's eastern boundary



Photo 89: Looking north along railway line on the site's eastern boundary



Photo 90: Looking north west from Bee Lane across northern field


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 85 – 90	MN – 15/08/18



Photo 91: Looking south from Bee Lane across eastern field



Photo 92: Looking north east from eastern field behind 'Red Gables' residential property to the sites eastern boundary



Photo 93: Looking south east across eastern field to the north of 'Claytons Poultry Farm'



Photo 94: Looking east in eastern field towards sites eastern boundary



Photo 95: Looking south west from Bilsborough Hey on northern site boundary across northern field



Photo 96: Looking east along Bee Lane from the north eastern corner of the site


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 91 – 96	MN – 15/08/18






Photo 97: Looking north east from Coote Lane across safeguarded land



Photo 98: Looking north east from Coote Lane at 'Coote Lane Garage'



Photo 99: Looking north east from Chain House Lane across safeguarded land

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	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs 97 – 99	MN – 15/08/18



COMPLEX CHALLENGES ... MADE SIMPLE



Photo 100: Looking south across eastern fields from Flag Lane



Photo 101: Looking south east from Flag Lane towards most north easterly eastern field



Photo 102: Looking east from Lords Lane towards Claytons Poultry Farm




Photo 103: Looking north across northern fields towards residential housing from Bee Lane



Photo 104: Looking south from Bee Lane towards stables and horses



Photo 105: Looking west from Moss Lane


	JOB NO	3861	SKETCH NO	ESK01	DRAWN BY
	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs (2021) 100-105	RM – 09/07/21



COMPLEX CHALLENGES ... MADE SIMPLE



Photo 106: Looking south from Bee Lane

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	PROJECT TITLE	The Lanes, Pentwortham	SKETCH TITLE	Site Walkover Photographs (2021) 106	



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NOTES

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- UTILITY - WATER
- UTILITY - ELECTRICITY
- UTILITY - GAS IP
- UTILITY - GAS LP
- UTILITY - BT
- EXISTING WATERCOURSE
- RAILWAY LINE
- AREAS OF POTENTIAL CONTAMINATION
- AREAS OF GEOTECHNICAL CONSIDERATION
- BGS HISTORIC BOREHOLE

DRAWING NOTES

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- 2) THE DRAWING HAS BEEN COLLATED WITH REFERENCE TO EXISTING SURVEY INFORMATION (DATED AUGUST 2018), BELOW GROUND UTILITY PLANS, HISTORIC SITE INVESTIGATION INFORMATION (VIA BGS ONLINE RECORD LIBRARY) AND OBSERVATIONS MADE FROM A SITE WALKOVER SURVEY COMPLETED BY ENGINEERS FROM R&C CONSULTING IN AUGUST 2018.
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	DRAWN MN	DATE AUG 18	SCALES NTS
CHECKED AS	DATE AUG 18	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE ---DO NOT SCALE---	
APPRVD. AS	DATE AUG 18	EMAIL FOR DRAWINGS info@roconsulting.com	

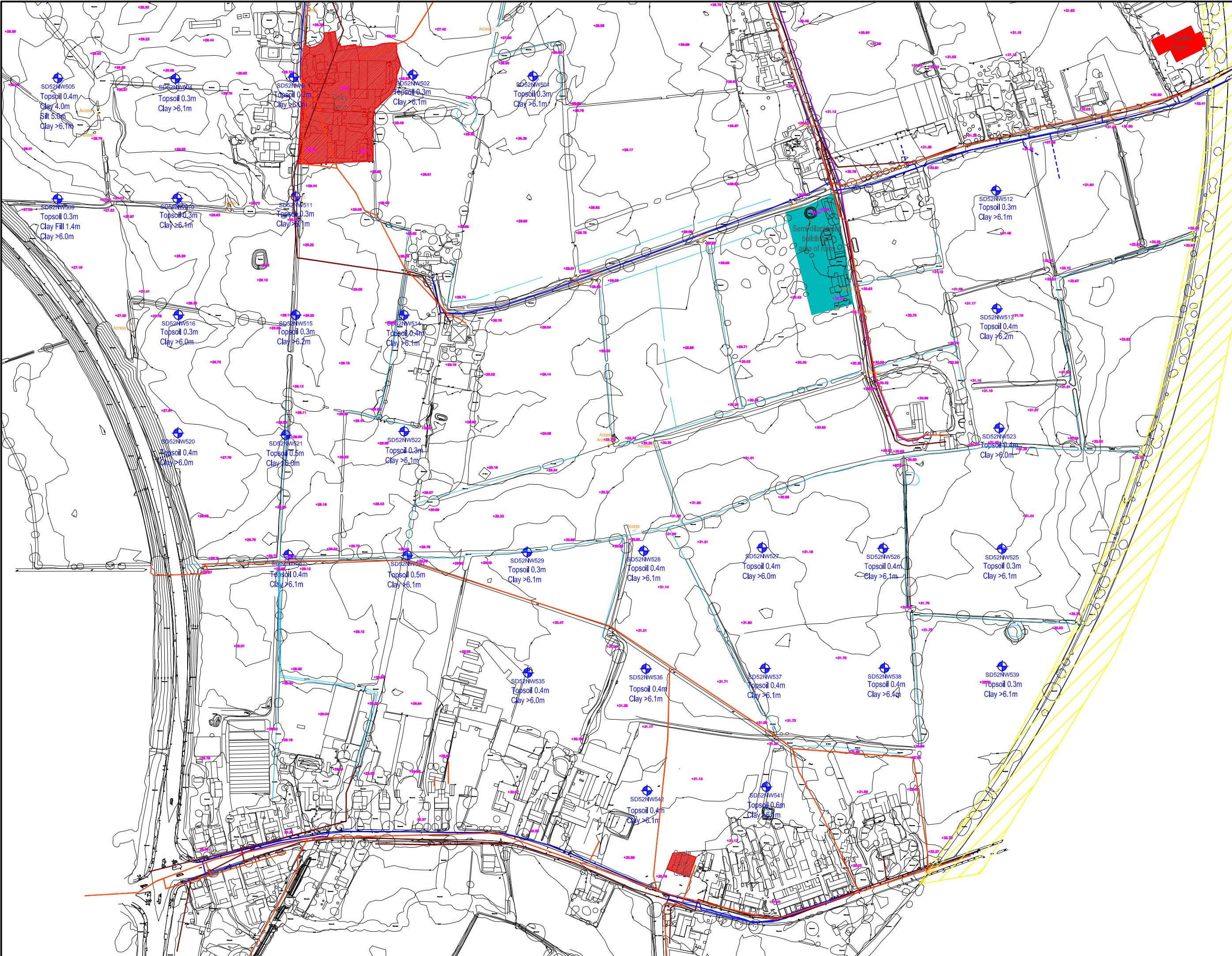
CLIENT
**TAYLOR WIMPEY &
HOMES ENGLAND**

PROJECT TITLE
**PICKERING'S
FARM**

DRAWING TITLE
**SITE CONSTRAINTS
PLAN 1**

PROJECT No.	DRAWING No.	REV.
3861	CON101	S1

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NOTES

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- UTILITY - ELECTRICITY
- UTILITY - GAS IP
- UTILITY - GAS LP
- UTILITY - BT
- EXISTING WATERCOURSE
- RAILWAY LINE
- AREAS OF POTENTIAL CONTAMINATION
- AREAS OF GEOTECHNICAL CONSIDERATION
- BGS HISTORIC BOREHOLE

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6 Commercial Street
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T 0161 214 5390
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DRAWN	DATE	SCALES
MN	AUG 18	NTS

CHECKED	DATE	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE -DO NOT SCALE--
AS	AUG 18	

APPRVD.	DATE	EMAIL FOR DRAWINGS
AS	AUG 18	info@roconsulting.com

CLIENT

TAYLOR WIMPEY & HOMES ENGLAND

PROJECT TITLE

PICKERING'S FARM

DRAWING TITLE

SITE CONSTRAINTS PLAN 1

PROJECT No.	DRAWING No.	REV.
3861	CON102	S1

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APPENDIX B - 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		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

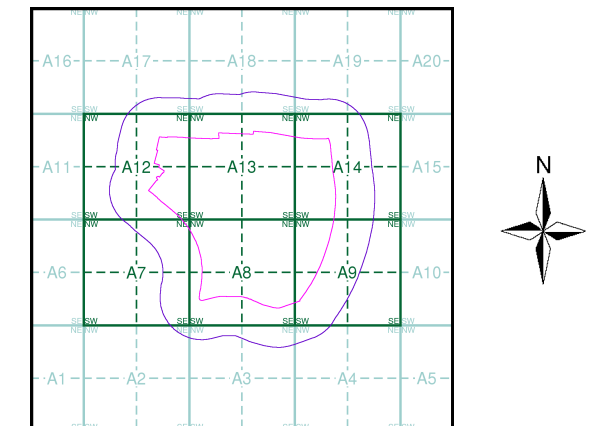
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	2
Lancashire And Furness	1:10,560	1894	3
Lancashire And Furness	1:10,560	1912	4
Lancashire And Furness	1:10,560	1931	5
Lancashire And Furness	1:10,560	1938	6
Ordnance Survey Plan	1:10,000	1955	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1967 - 1968	9
Ordnance Survey Plan	1:10,000	1974	10
Ordnance Survey Plan	1:10,000	1983 - 1984	11
Ordnance Survey Plan	1:10,000	1990 - 1991	12
10K Raster Mapping	1:10,000	2001	13
Street View	Variable		14

Historical Map - Slice A



Order Details

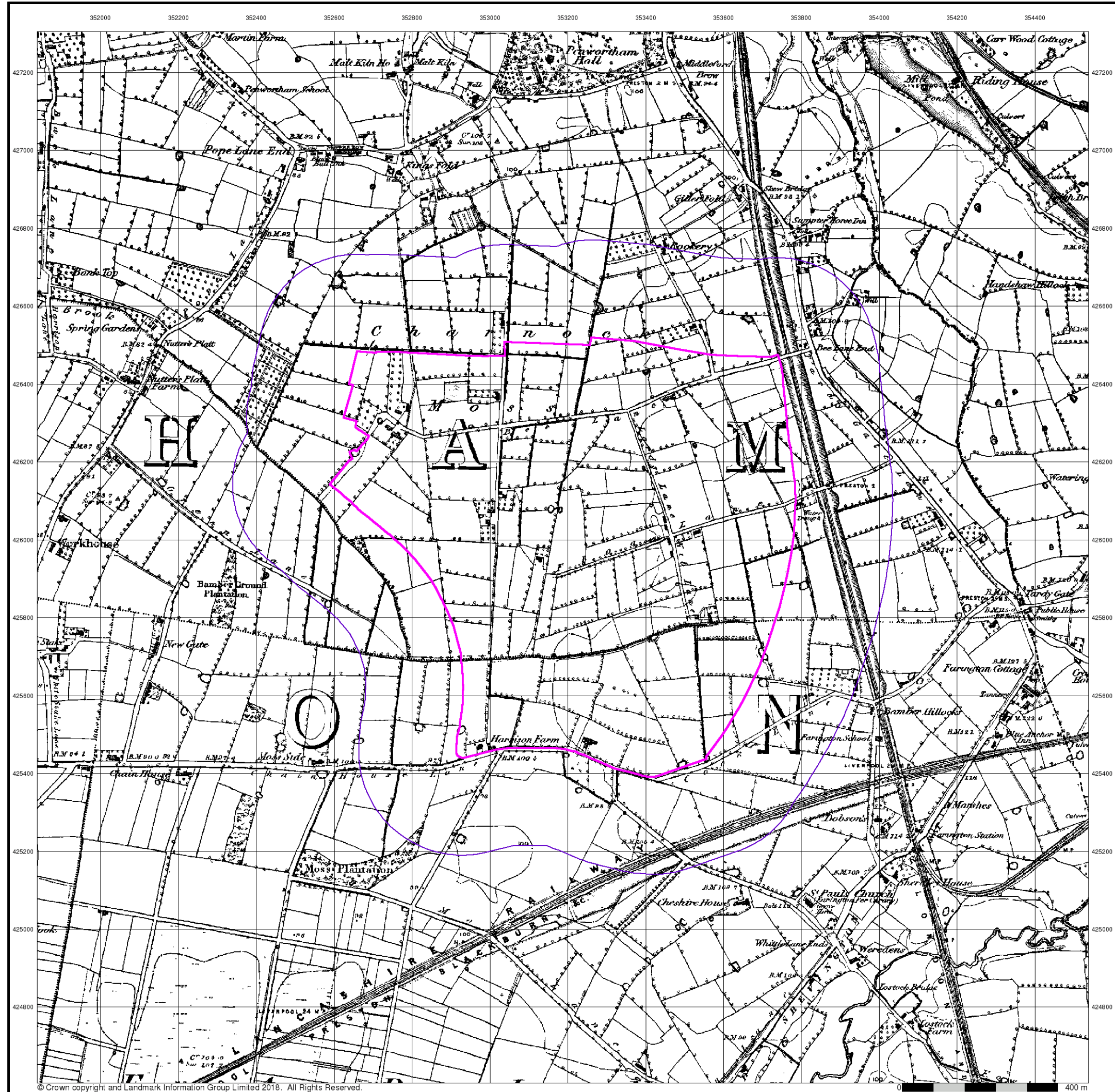
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 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
 INFORMATION GROUP

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



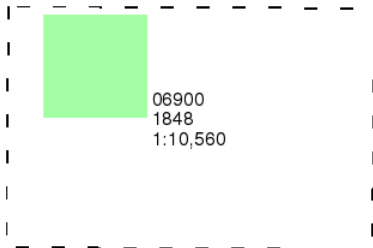
Lancashire And Furness

Published 1848

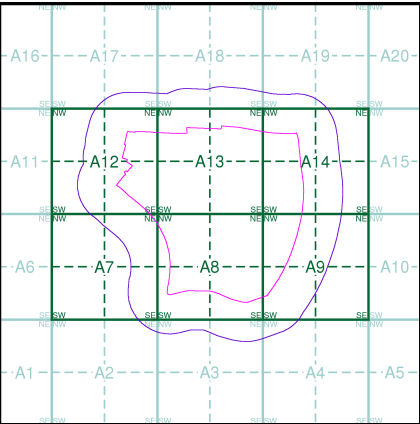
Source map scale - 1:10,560

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

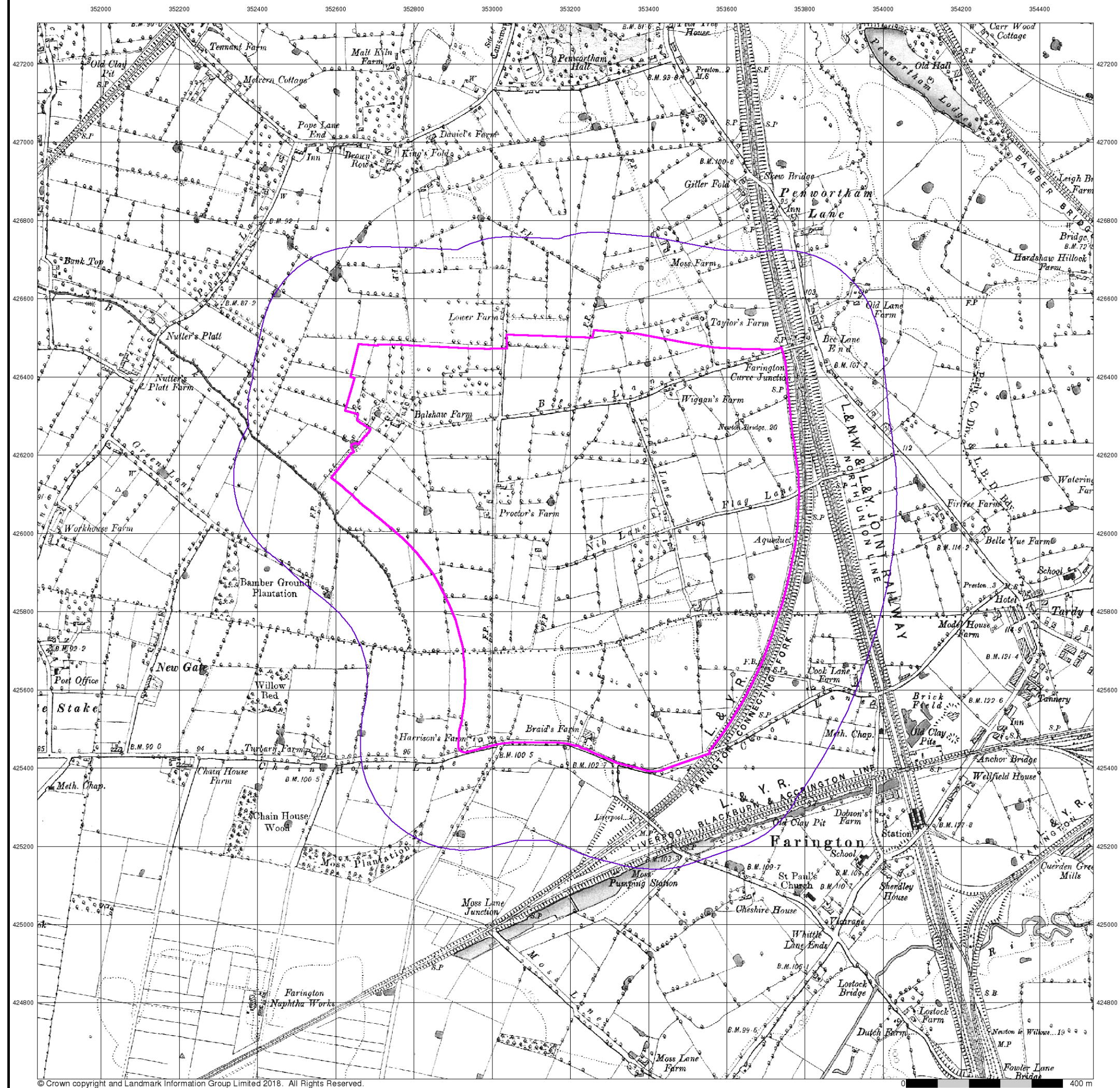
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Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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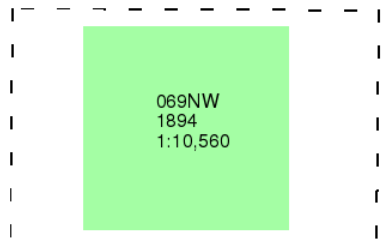
Lancashire And Furness

Published 1894

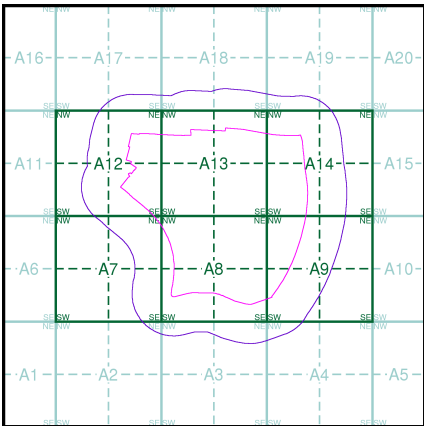
Source map scale - 1:10,560

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: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



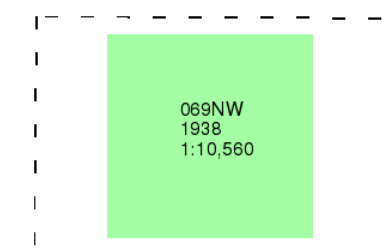
Lancashire And Furness

Published 1938

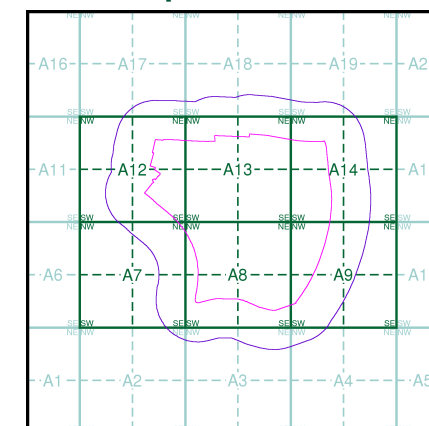
Source map scale - 1:10,560

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

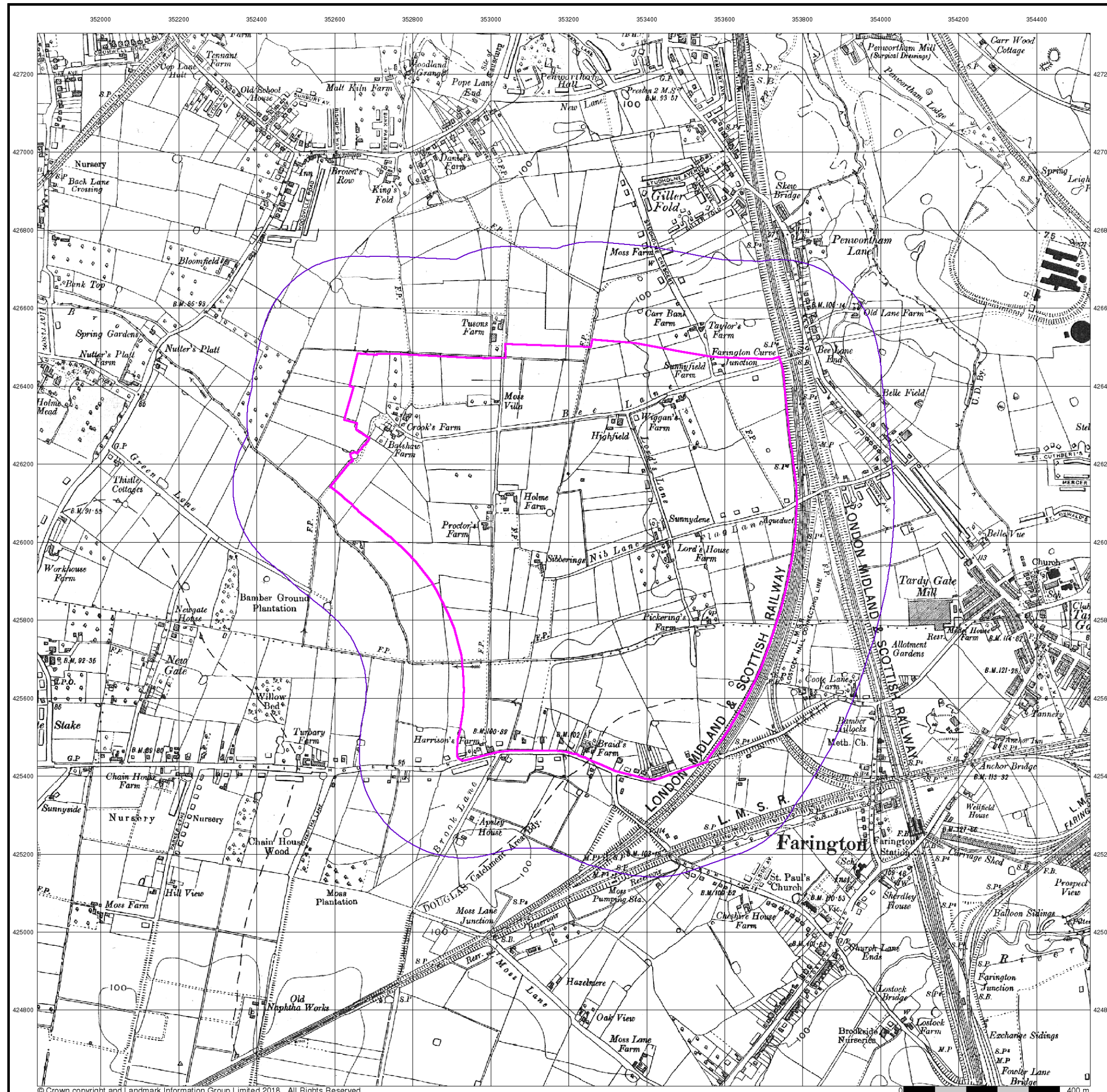
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Customer Ref: 3861
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Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

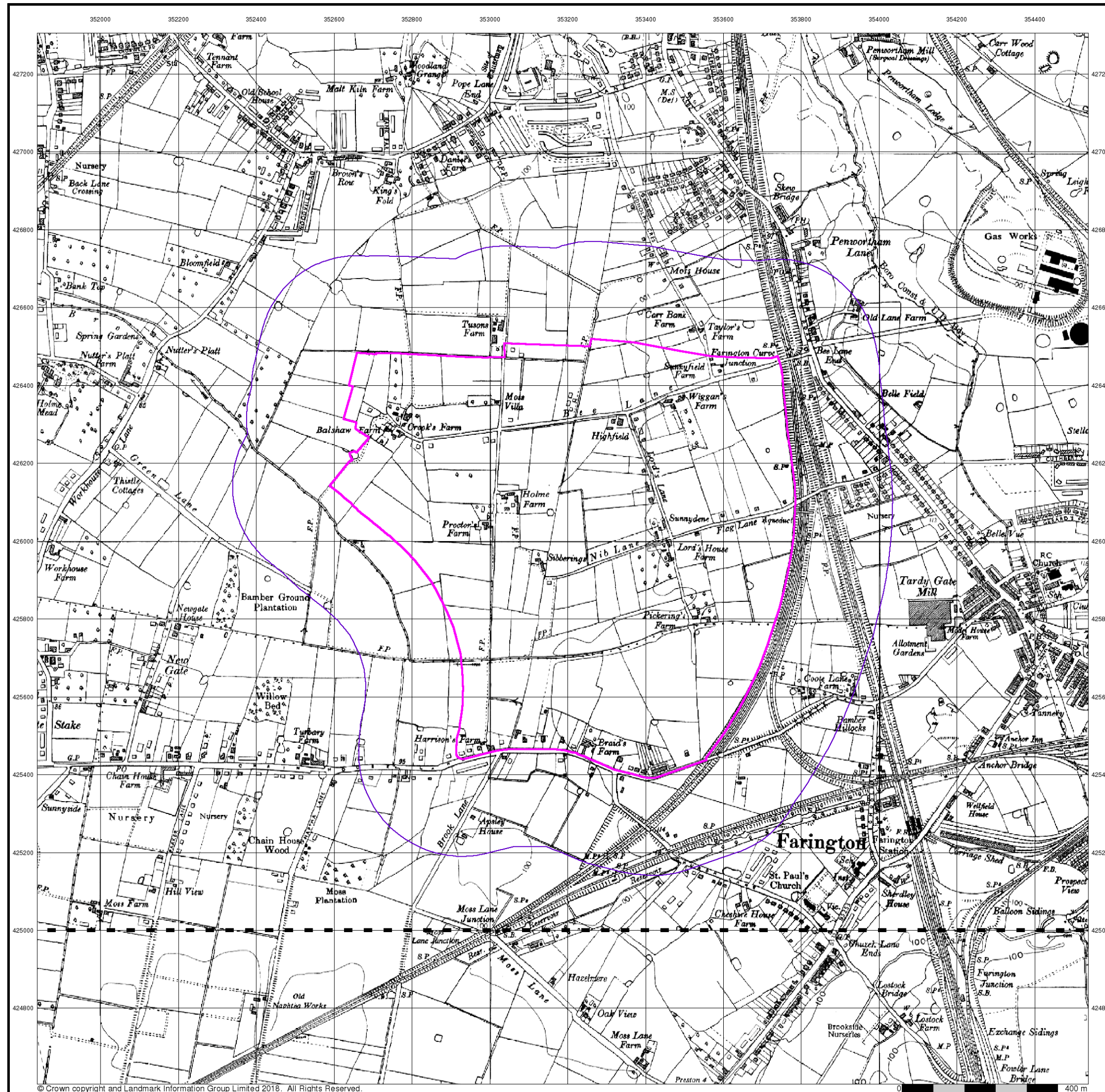
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Ordnance Survey Plan

Published 1955

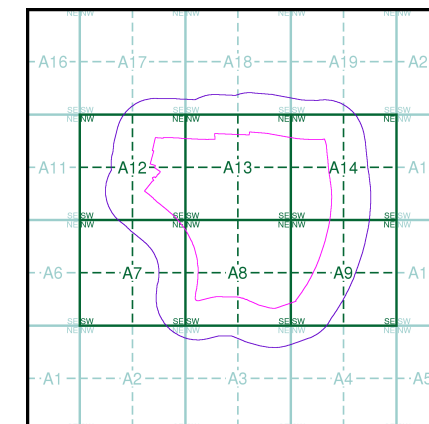
Source map scale - 1:10,000

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)

SD52NW	1955
1:10,560	
SD52SW	1955
1:10,560	

Historical Map - Slice A



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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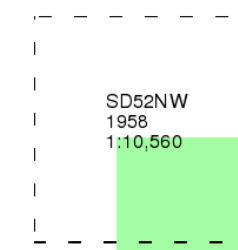
Ordnance Survey Plan

Published 1958

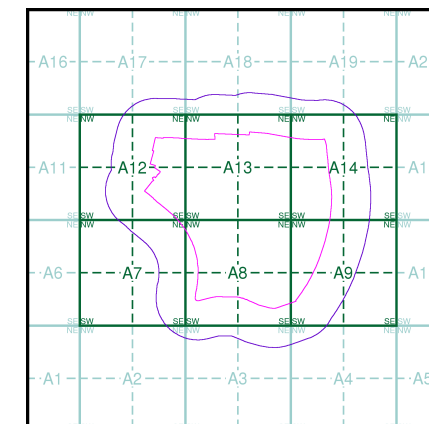
Source map scale - 1:10,000

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

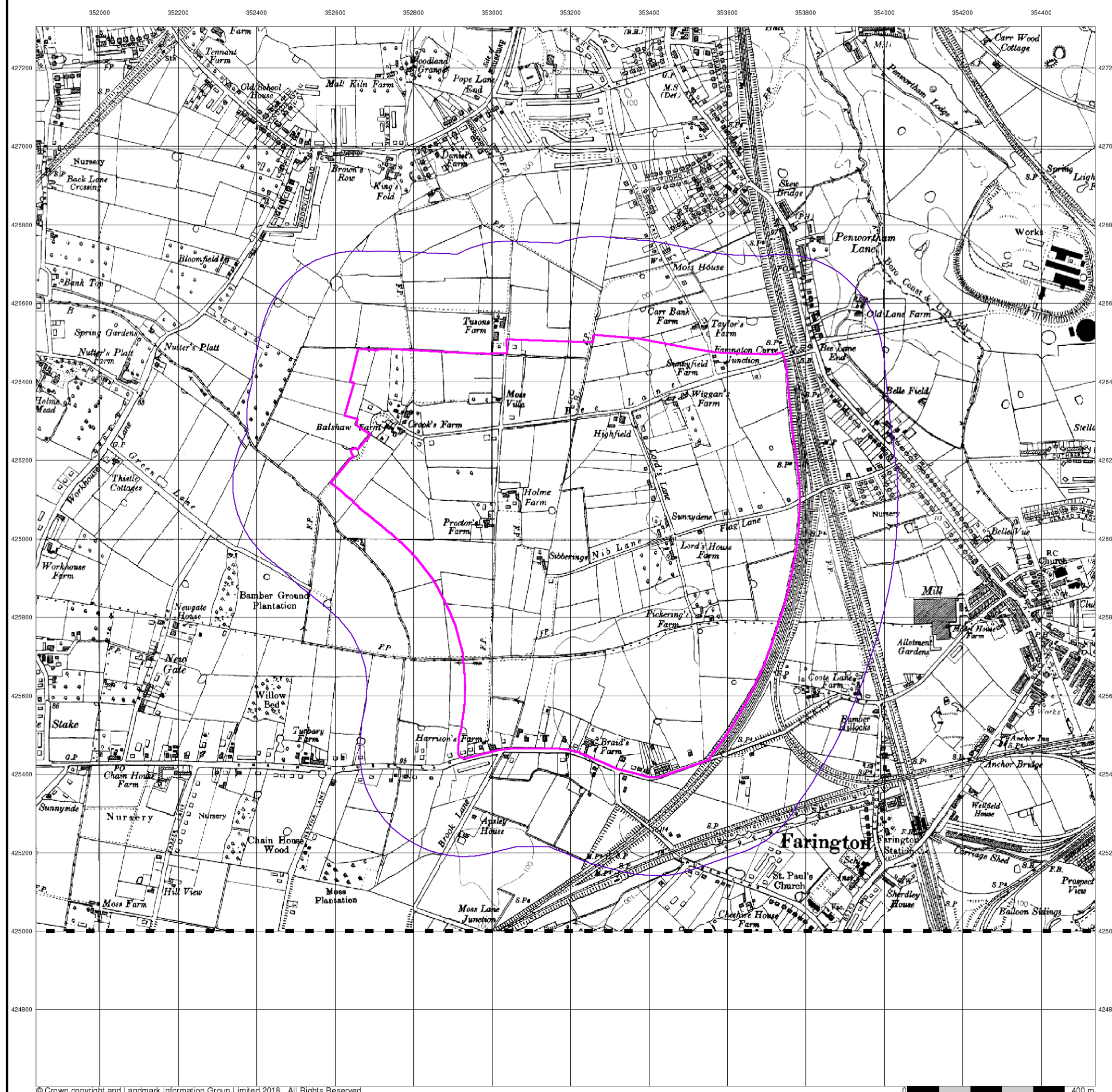
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Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Ordnance Survey Plan

Published 1967 - 1968

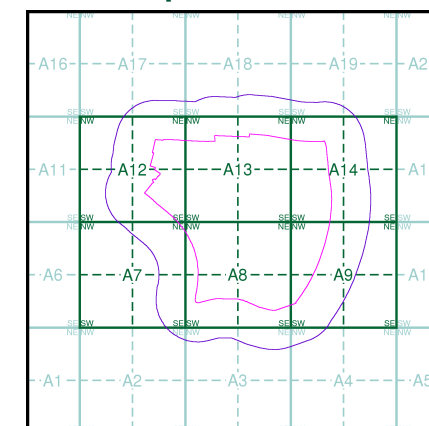
Source map scale - 1:10,000

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)

SD52NW	1968
1:10,560	
SD52SW	1967
1:10,560	

Historical Map - Slice A



Order Details

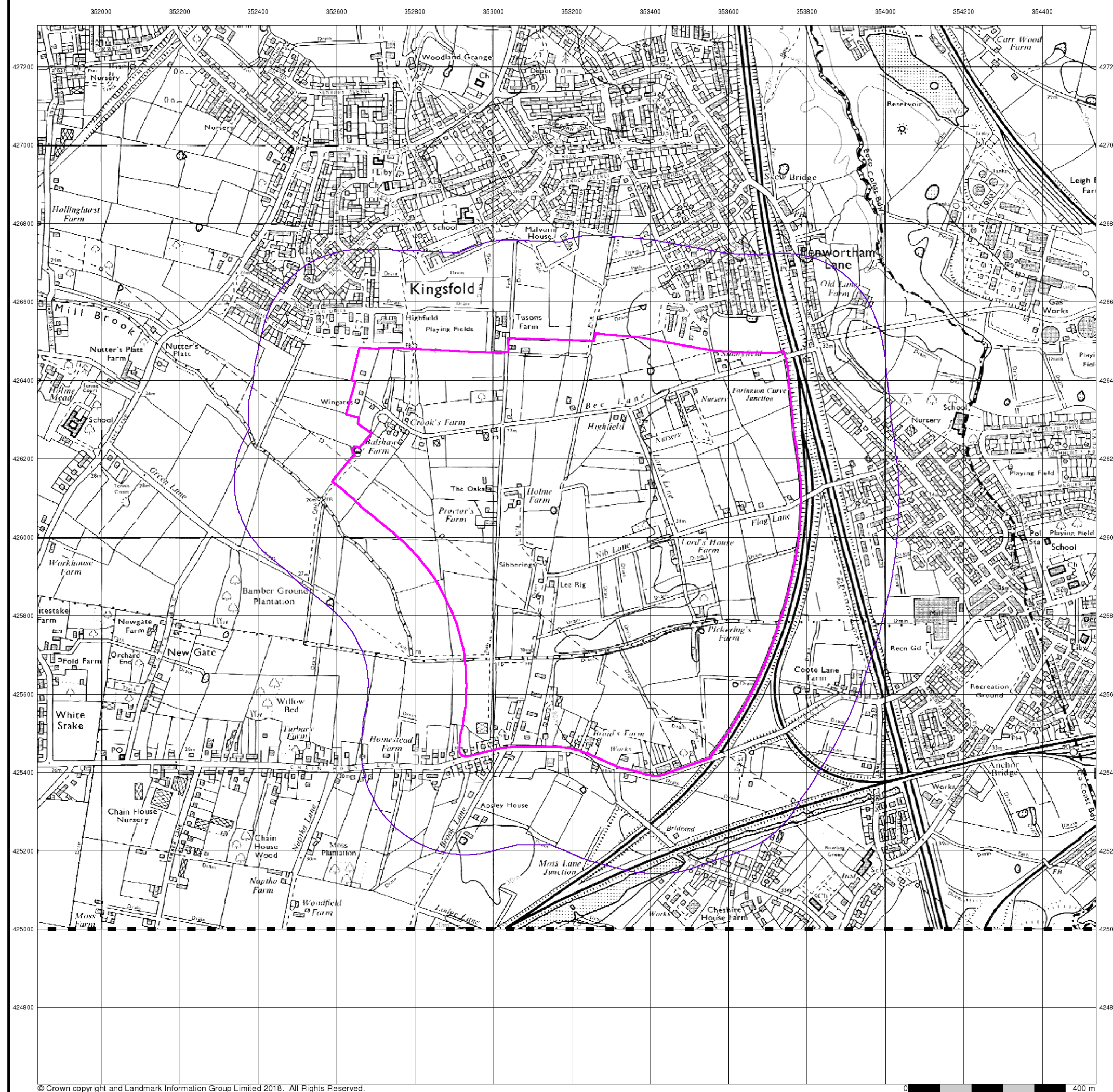
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

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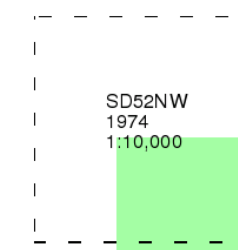
Ordnance Survey Plan

Published 1974

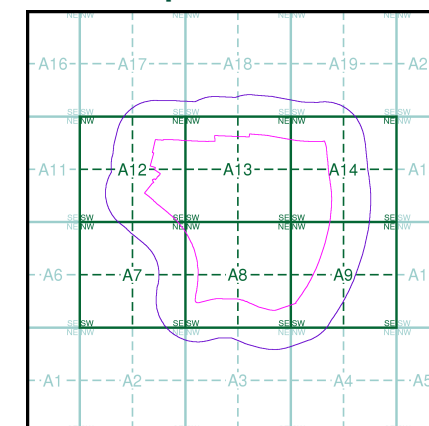
Source map scale - 1:10,000

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: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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



Ordnance Survey Plan

Published 1983 - 1984

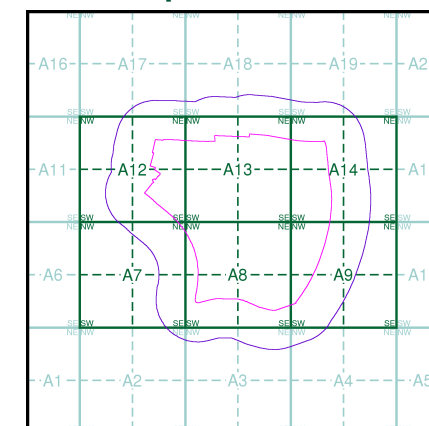
Source map scale - 1:10,000

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)

SD52NW	1984
1:10,000	
SD52SW	1983
1:10,000	

Historical Map - Slice A



Order Details

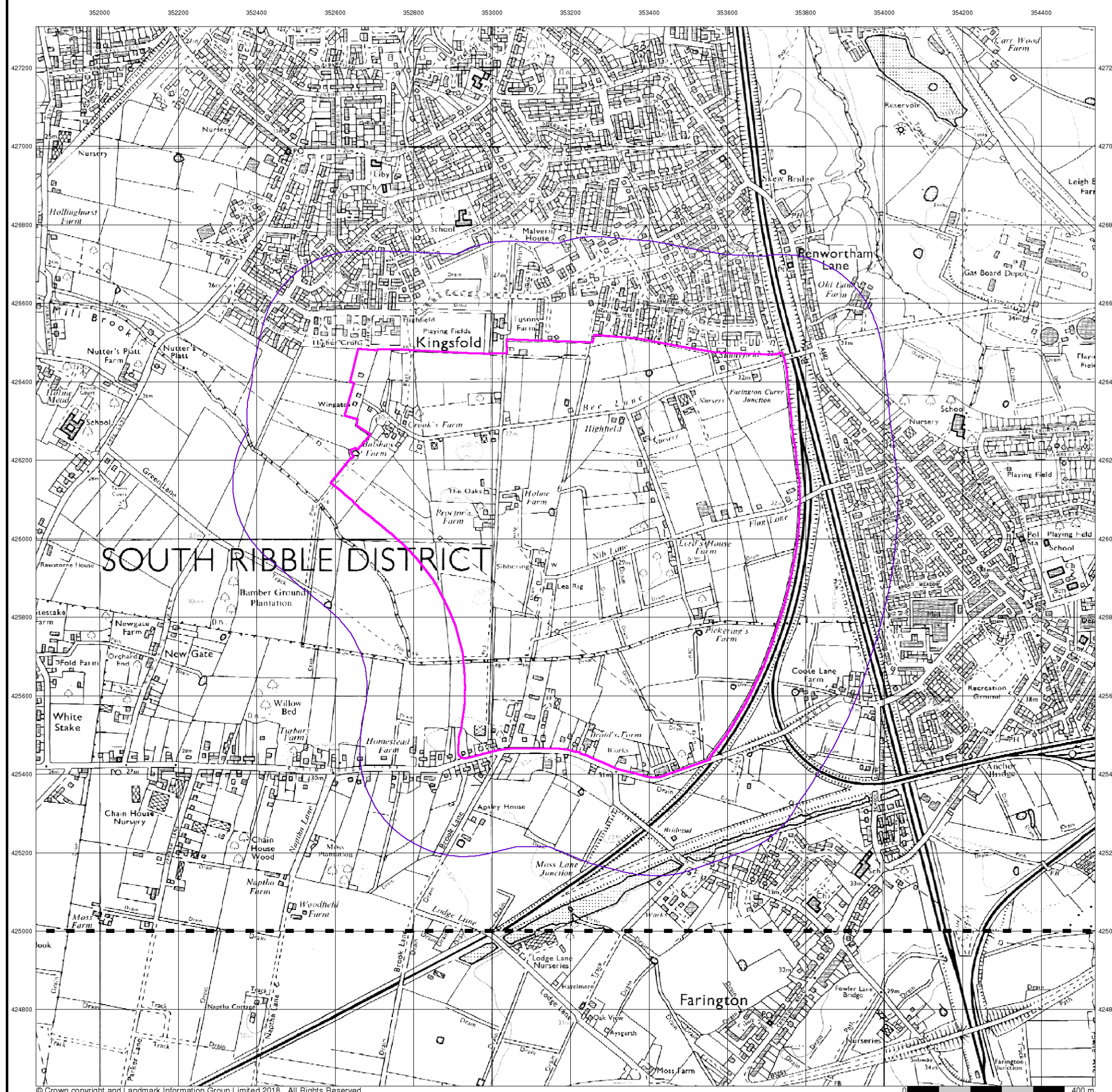
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Ordnance Survey Plan

Published 1990 - 1991

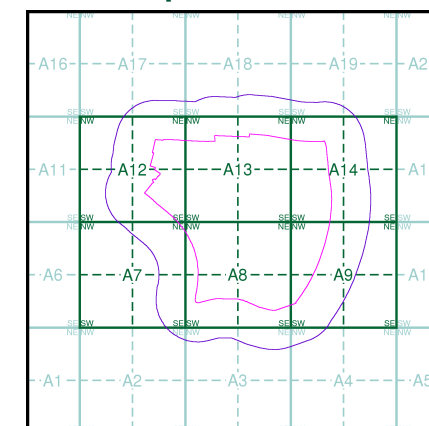
Source map scale - 1:10,000

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)

SD52NW	1991
1:10,000	
SD52SW	1990
1:10,000	

Historical Map - Slice A



Order Details

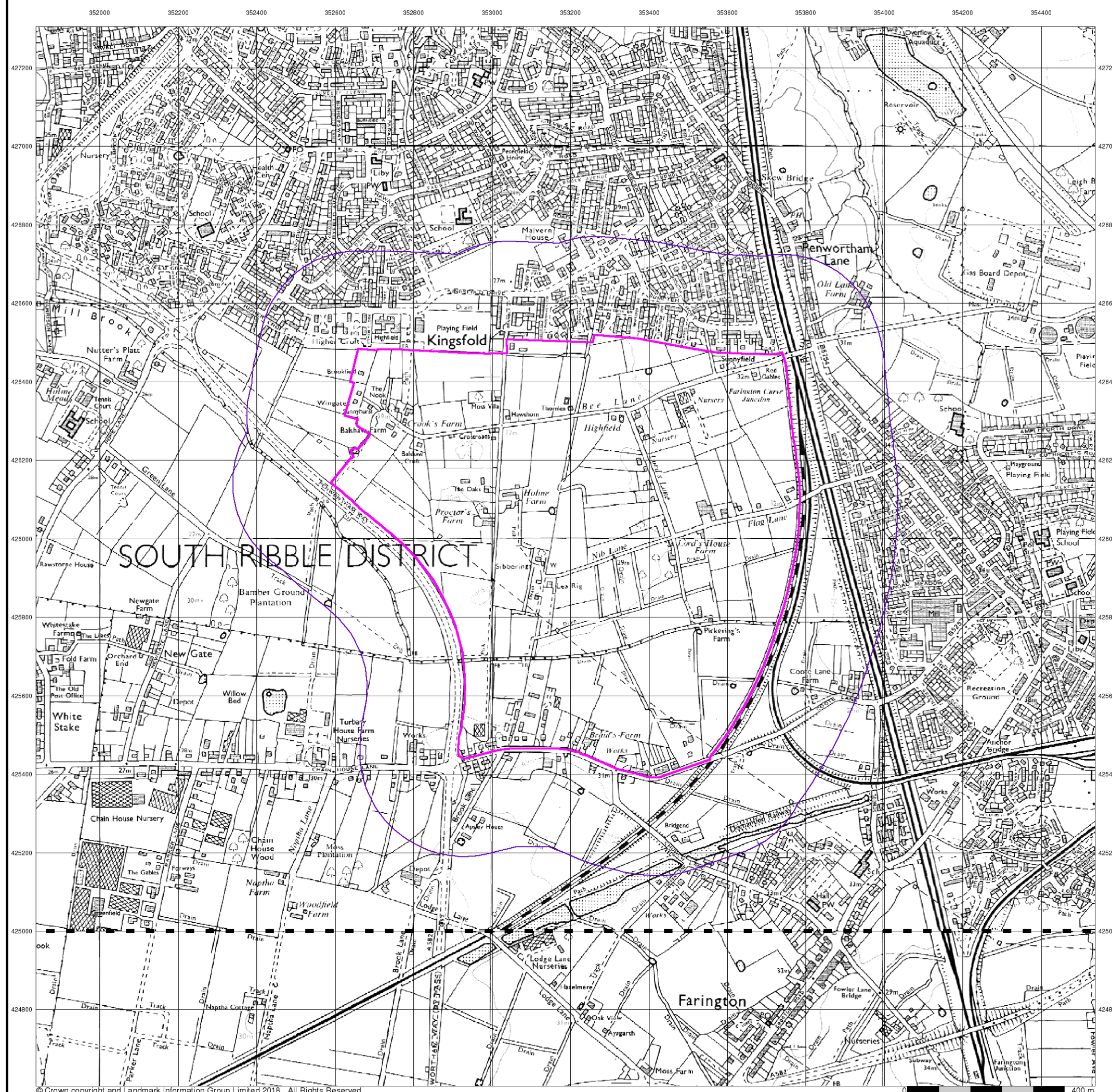
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

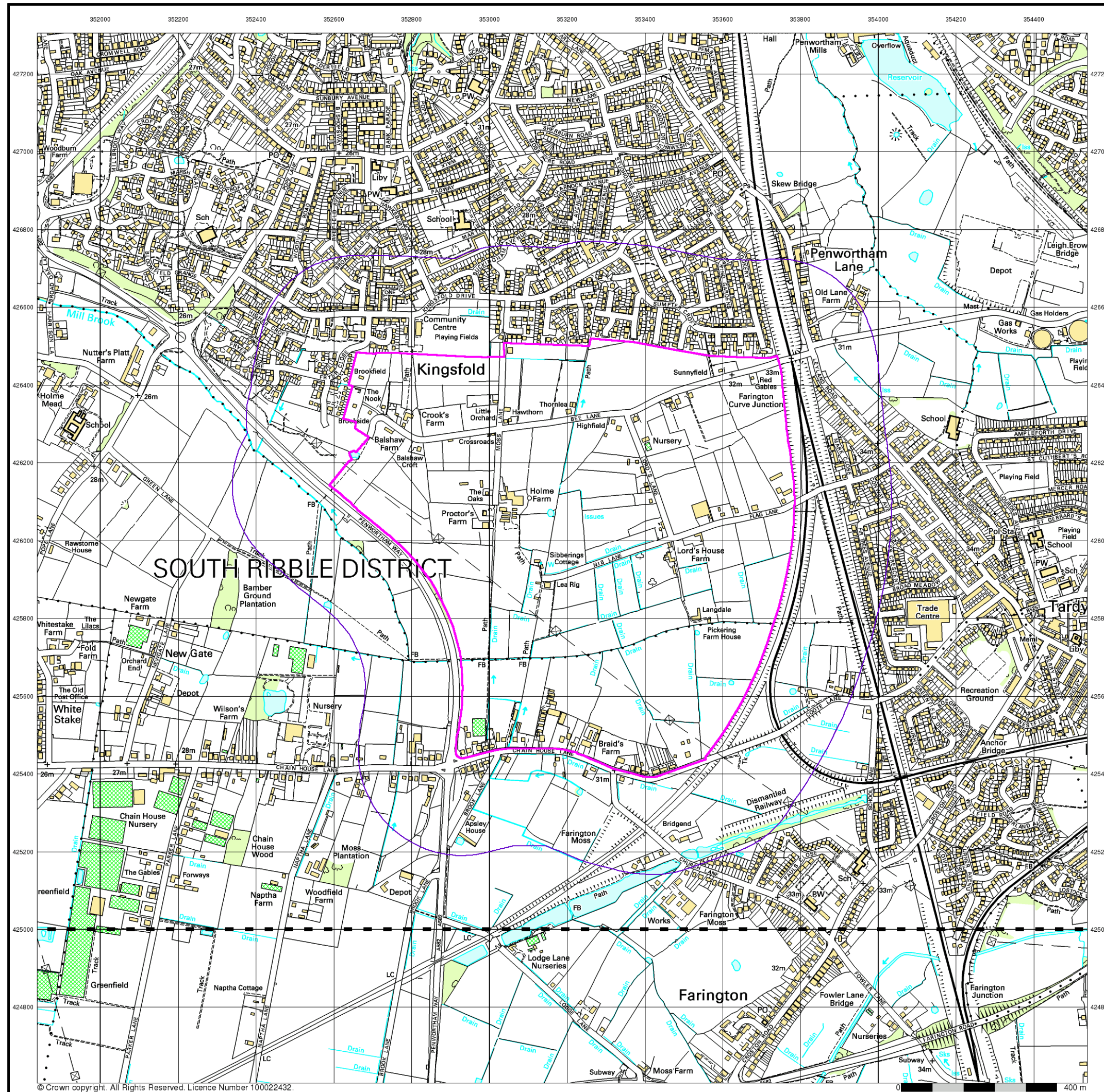
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





10k Raster Mapping

Published 2001

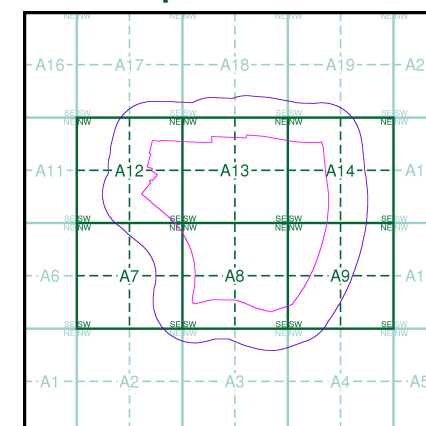
Source map scale - 1:10,000

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)

SD52NW
2001
1:10,000
SD52SW
2001
1:10,000

Historical Map - Slice A



Order Details

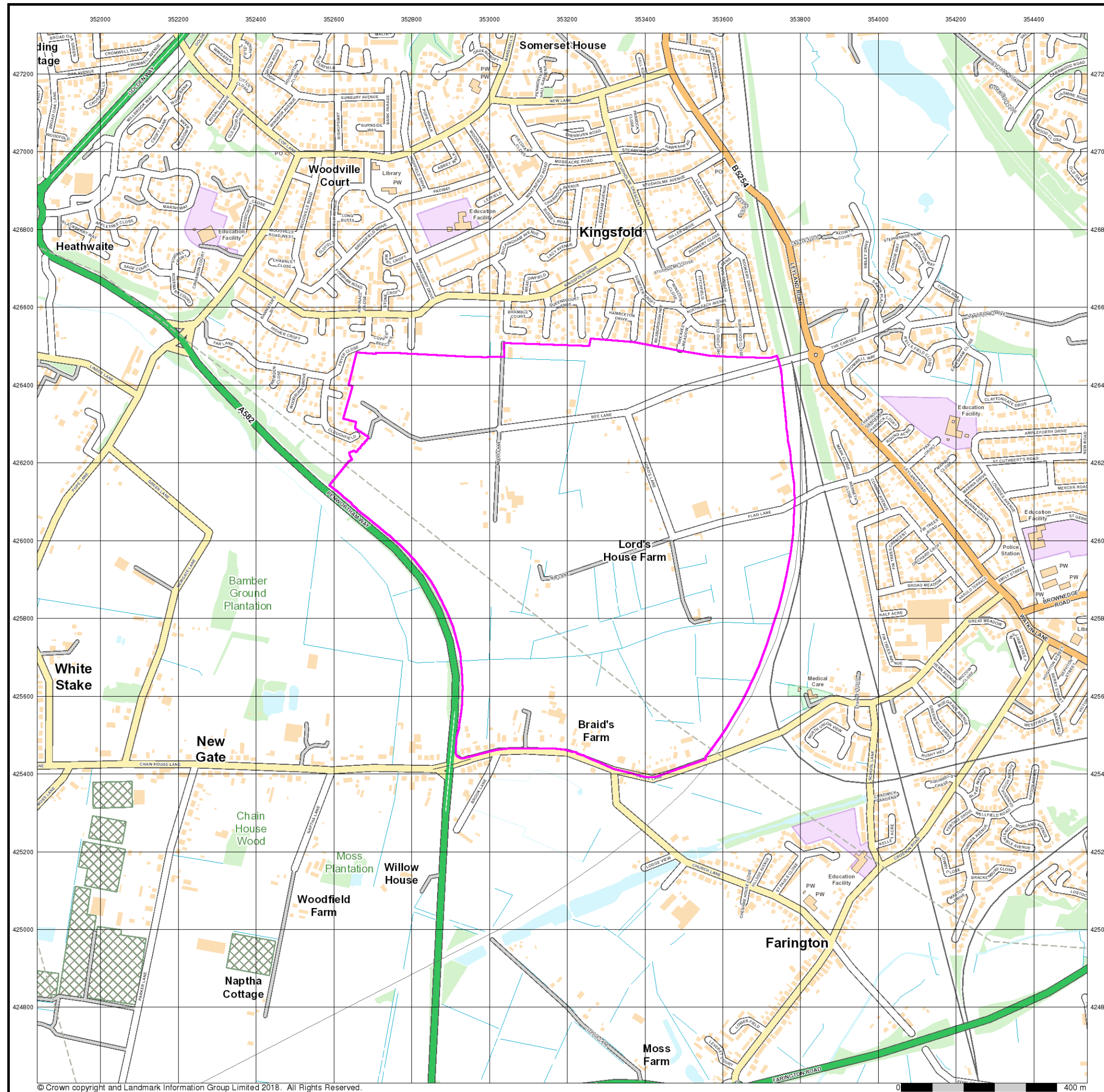
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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



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Street View

Published 2018

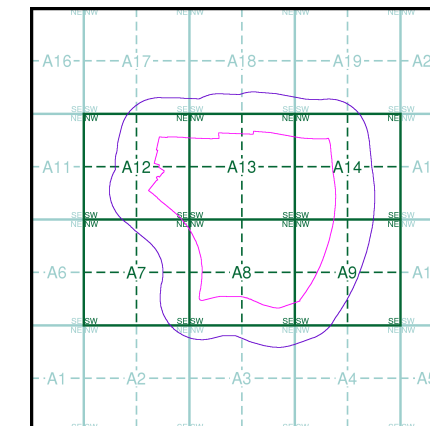
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Street View Map - Slice A



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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

Historical Mapping Legends

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



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



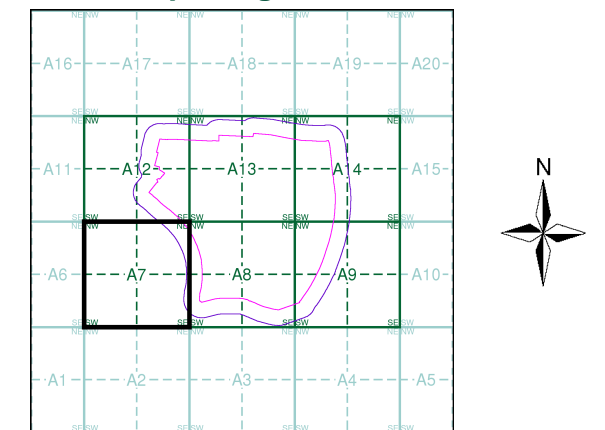
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1963	5
Large-Scale National Grid Data	1:2,500	1993	6

Historical Map - Segment A7



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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



Lancashire And Furness

Published 1893

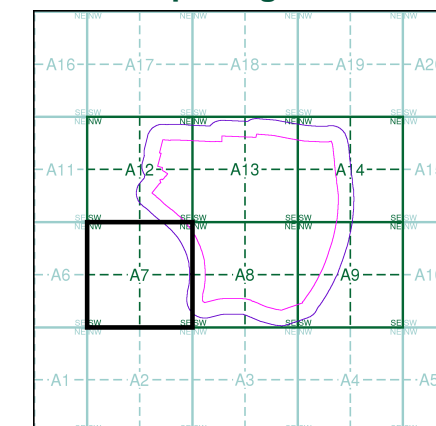
Source map scale - 1:2,500

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)

069_01
1893
1:2,500
069_05
1893
1:2,500

Historical Map - Segment A7



Order Details

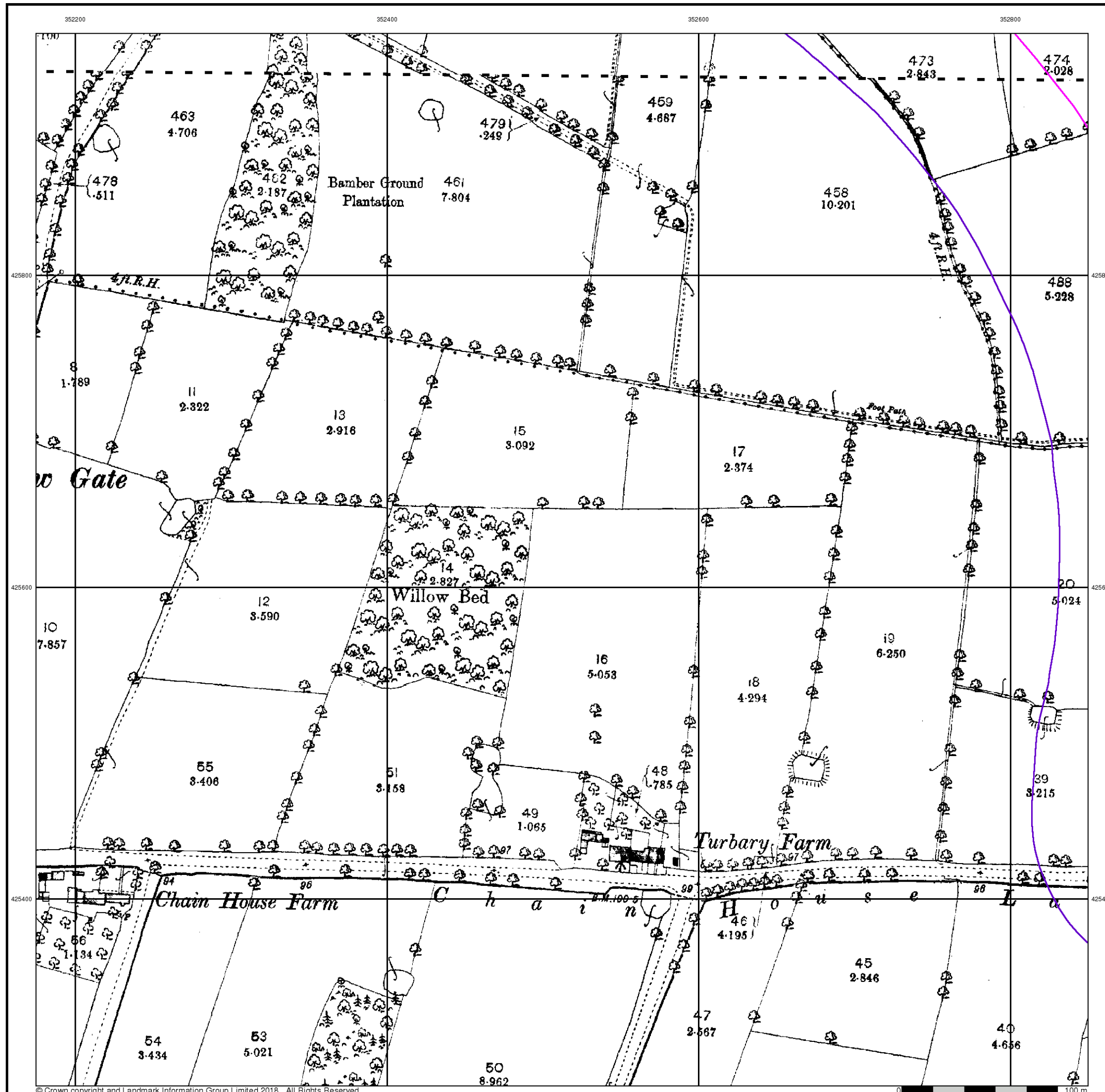
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Lancashire And Furness

Published 1911

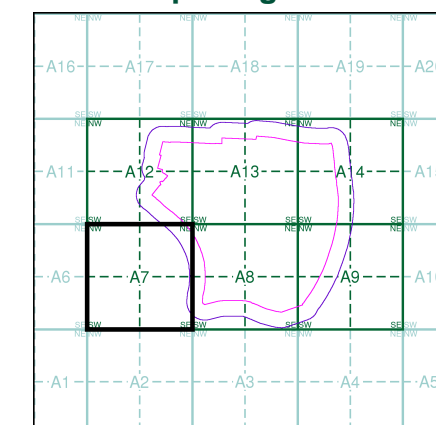
Source map scale - 1:2,500

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)

069_01
1911
1:2,500
069_05
1911
1:2,500

Historical Map - Segment A7



Order Details

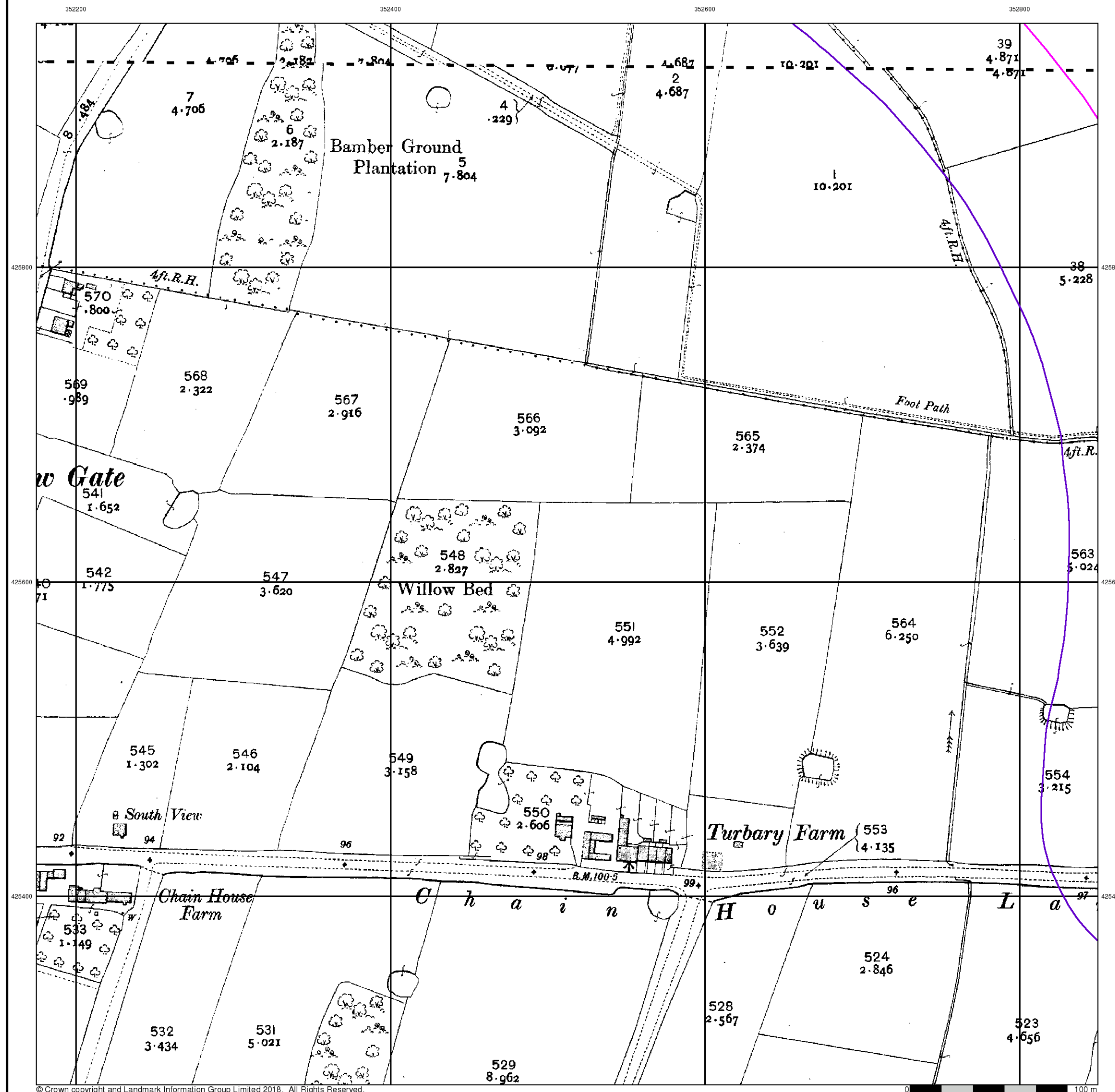
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Lancashire And Furness

Published 1931

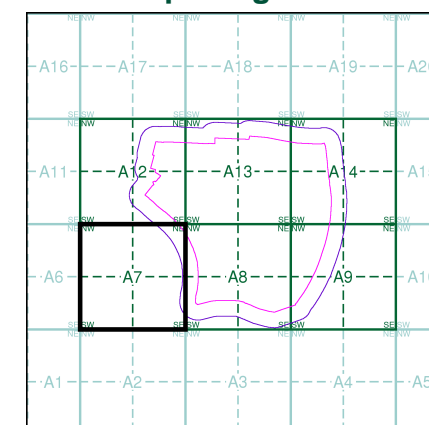
Source map scale - 1:2,500

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)

069_01
1931
1:2,500
069_05
1931
1:2,500

Historical Map - Segment A7



Order Details

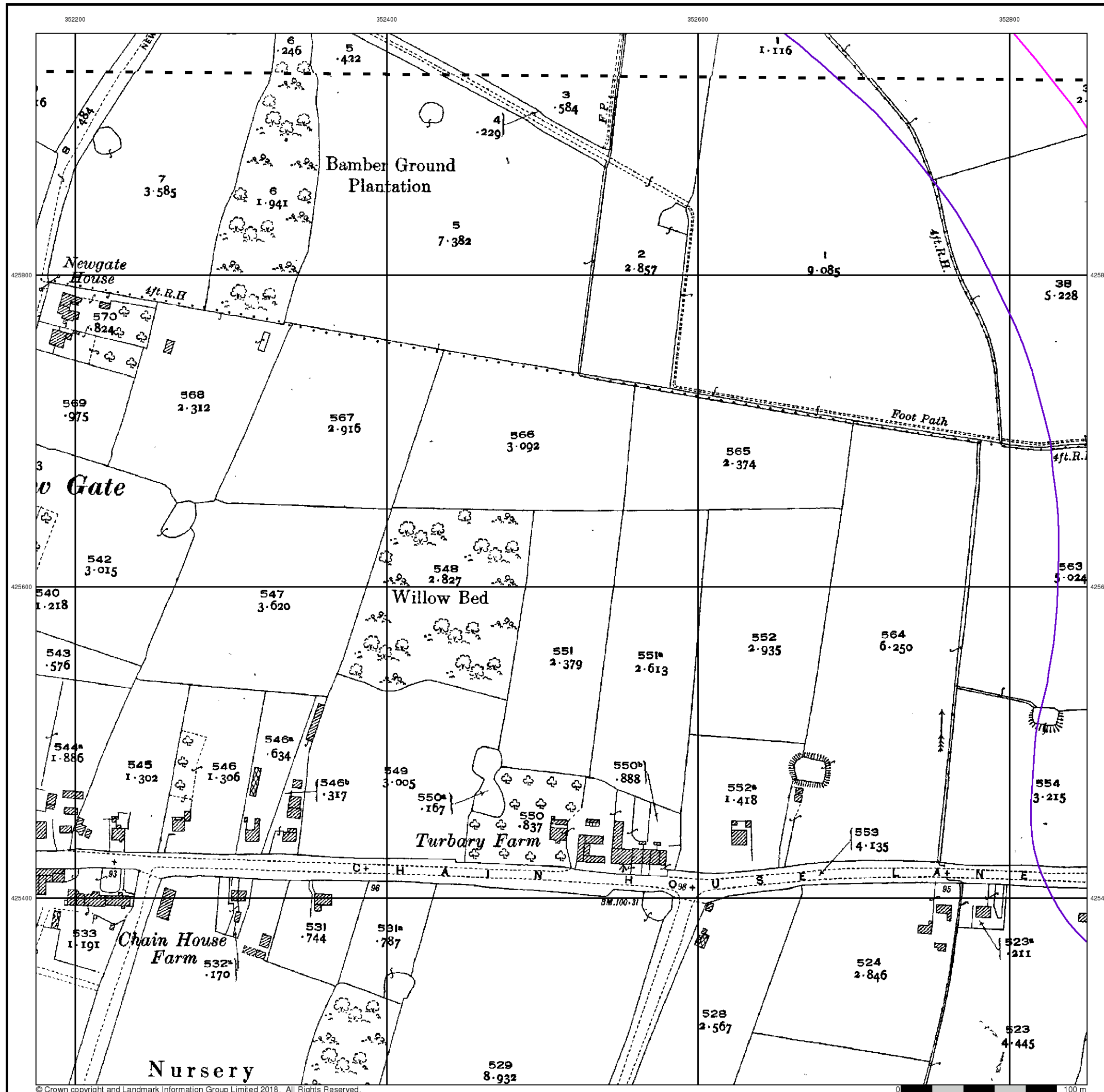
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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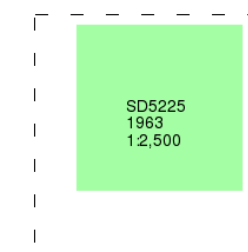
Ordnance Survey Plan

Published 1963

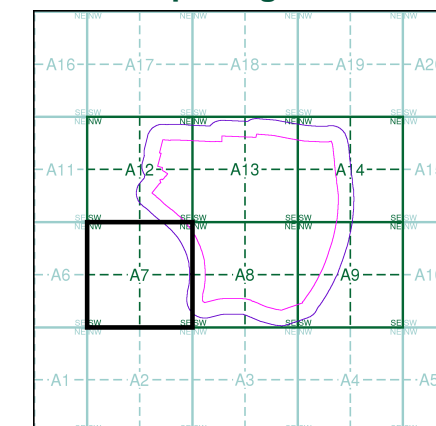
Source map scale - 1:2,500

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

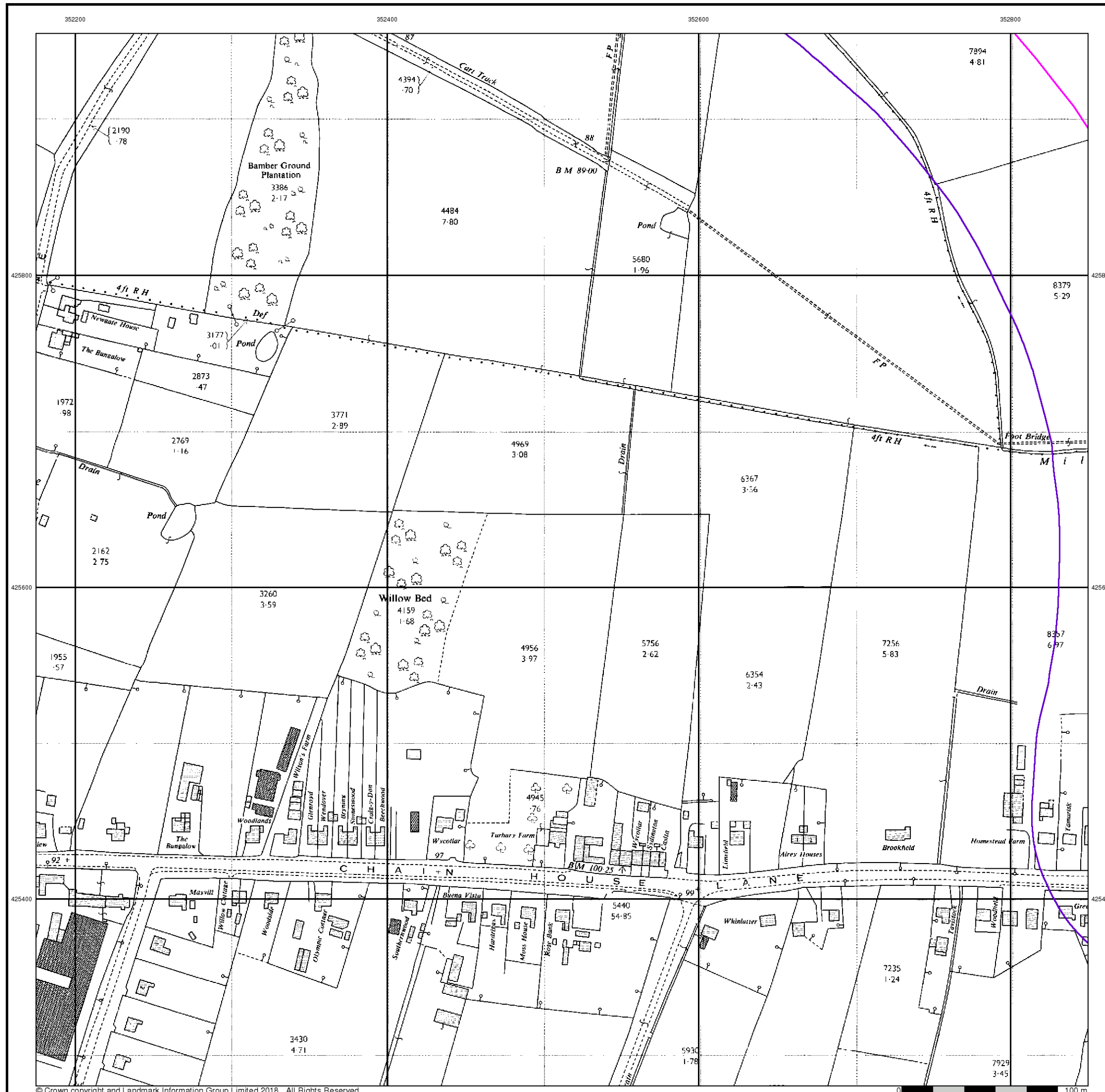
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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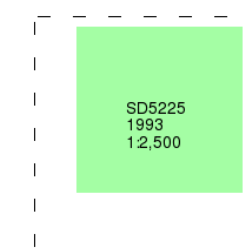
Large-Scale National Grid Data

Published 1993

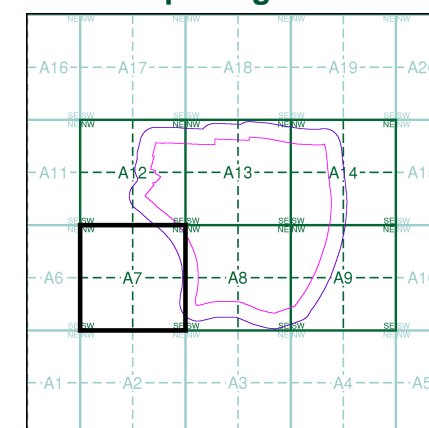
Source map scale - 1:2,500

'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 A7



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

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Historical Mapping Legends

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



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



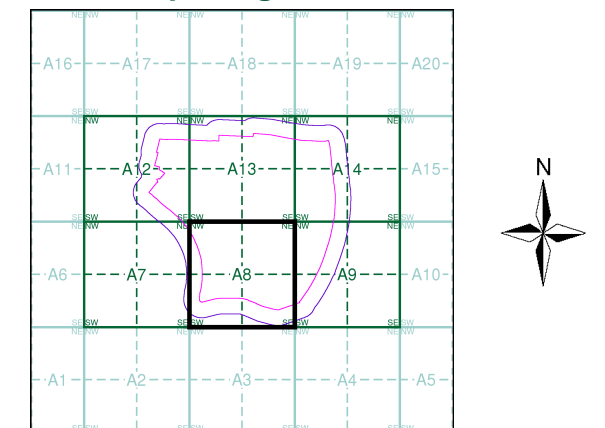
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:2,500	1963	6
Ordnance Survey Plan	1:1,250	1963	7
Additional SIMs	1:1,250	1963 - 1979	8
Additional SIMs	1:1,250	1977 - 1985	9
Additional SIMs	1:1,250	1987 - 1990	10
Ordnance Survey Plan	1:1,250	1990	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:2,500	1993	13

Historical Map - Segment A8



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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Web: www.envirocheck.co.uk



Lancashire And Furness

Published 1893

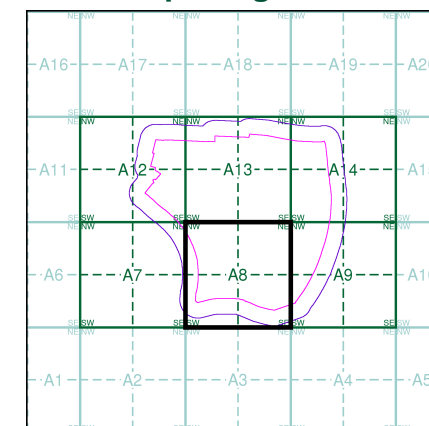
Source map scale - 1:2,500

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)

069_01 1893 1:2,500	069_02 1893 1:2,500
069_05 1893 1:2,500	069_06 1893 1:2,500

Historical Map - Segment A8



Order Details

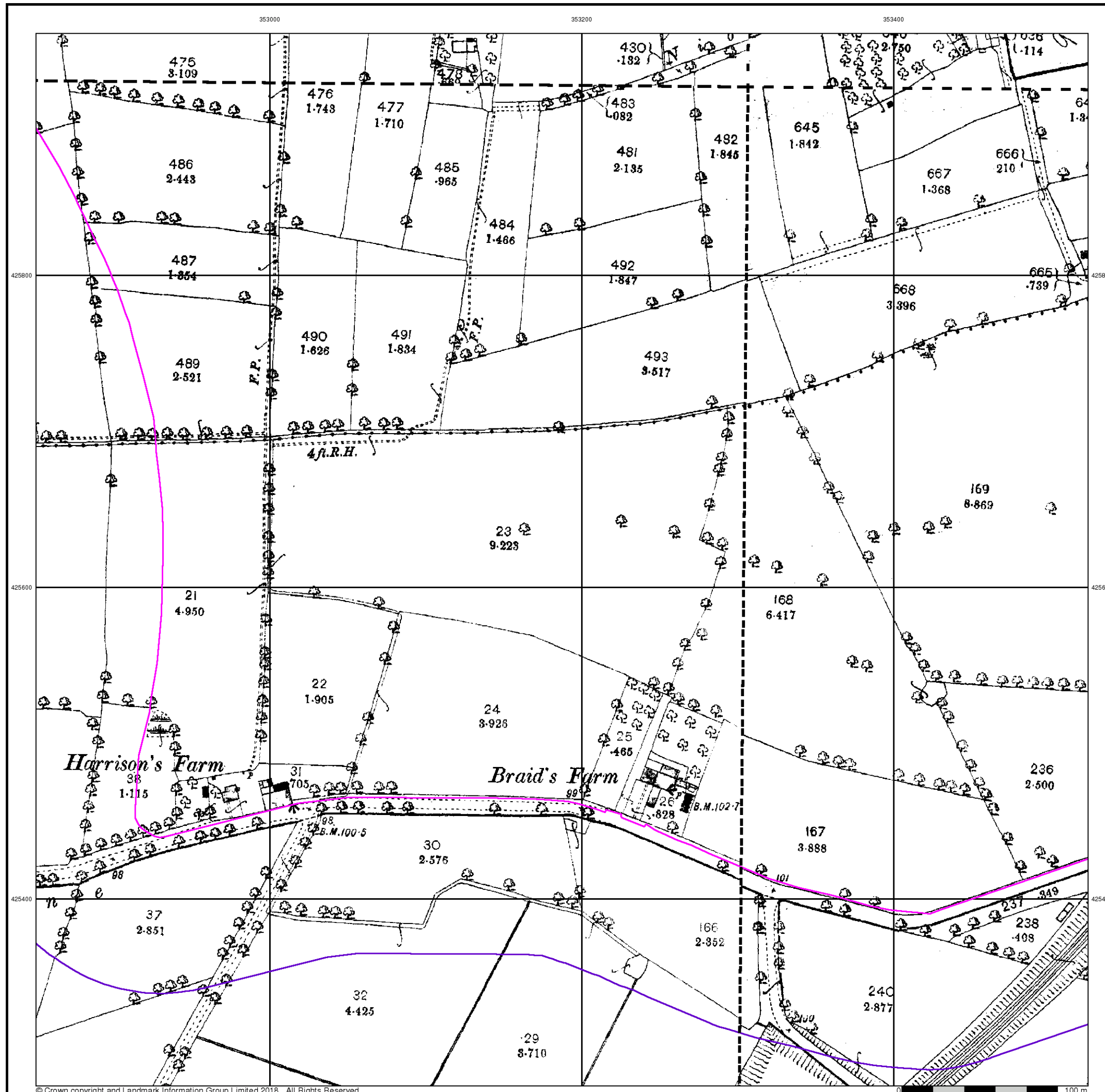
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Lancashire And Furness

Published 1911

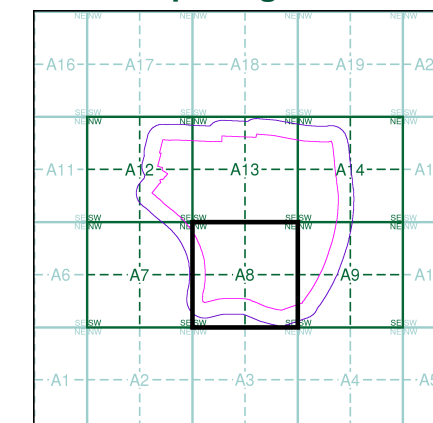
Source map scale - 1:2,500

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)

069_01 1911 1:2,500	069_02 1911 1:2,500
069_05 1911 1:2,500	069_06 1911 1:2,500

Historical Map - Segment A8



Order Details

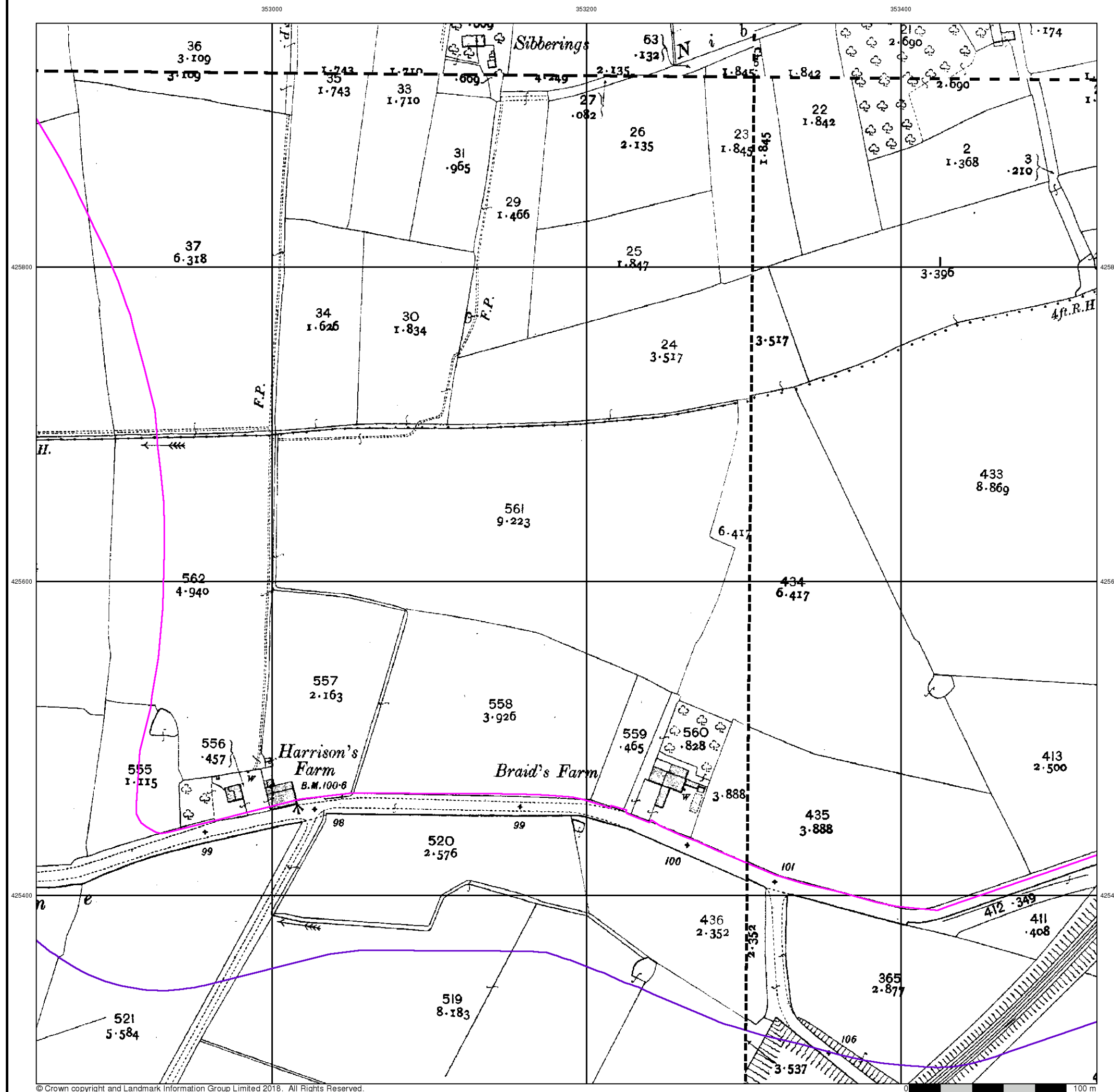
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Lancashire And Furness

Published 1931

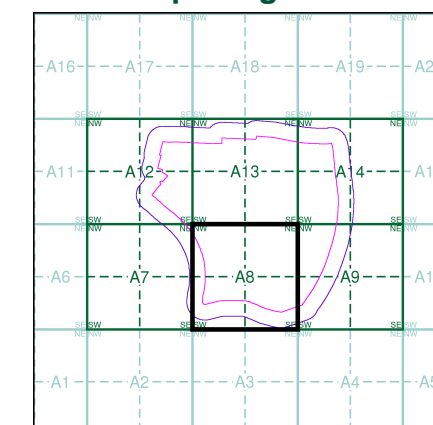
Source map scale - 1:2,500

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)

069_01 1931 1:2,500	069_02 1931 1:2,500
069_05 1931 1:2,500	069_06 1931 1:2,500

Historical Map - Segment A8



Order Details

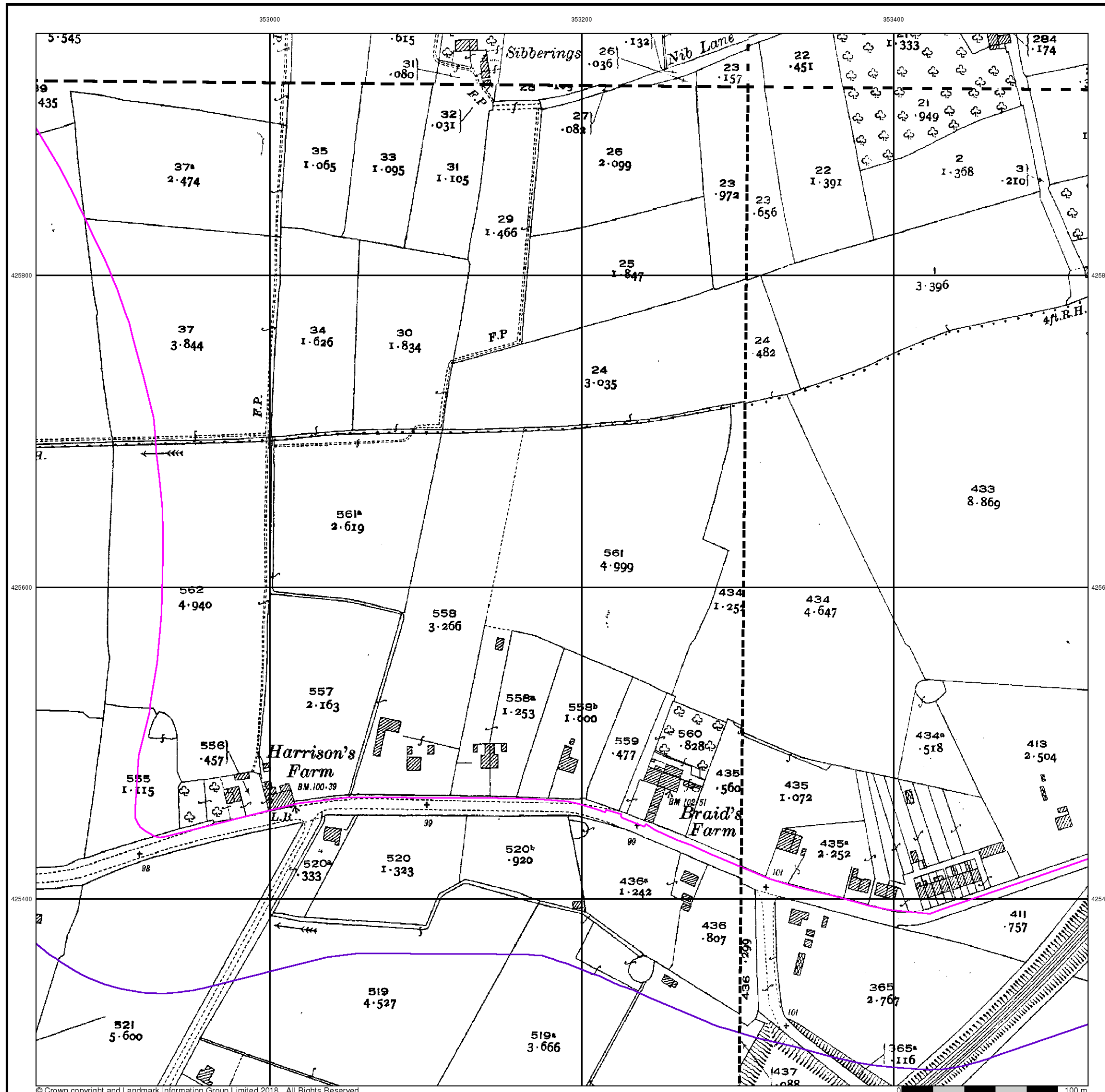
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

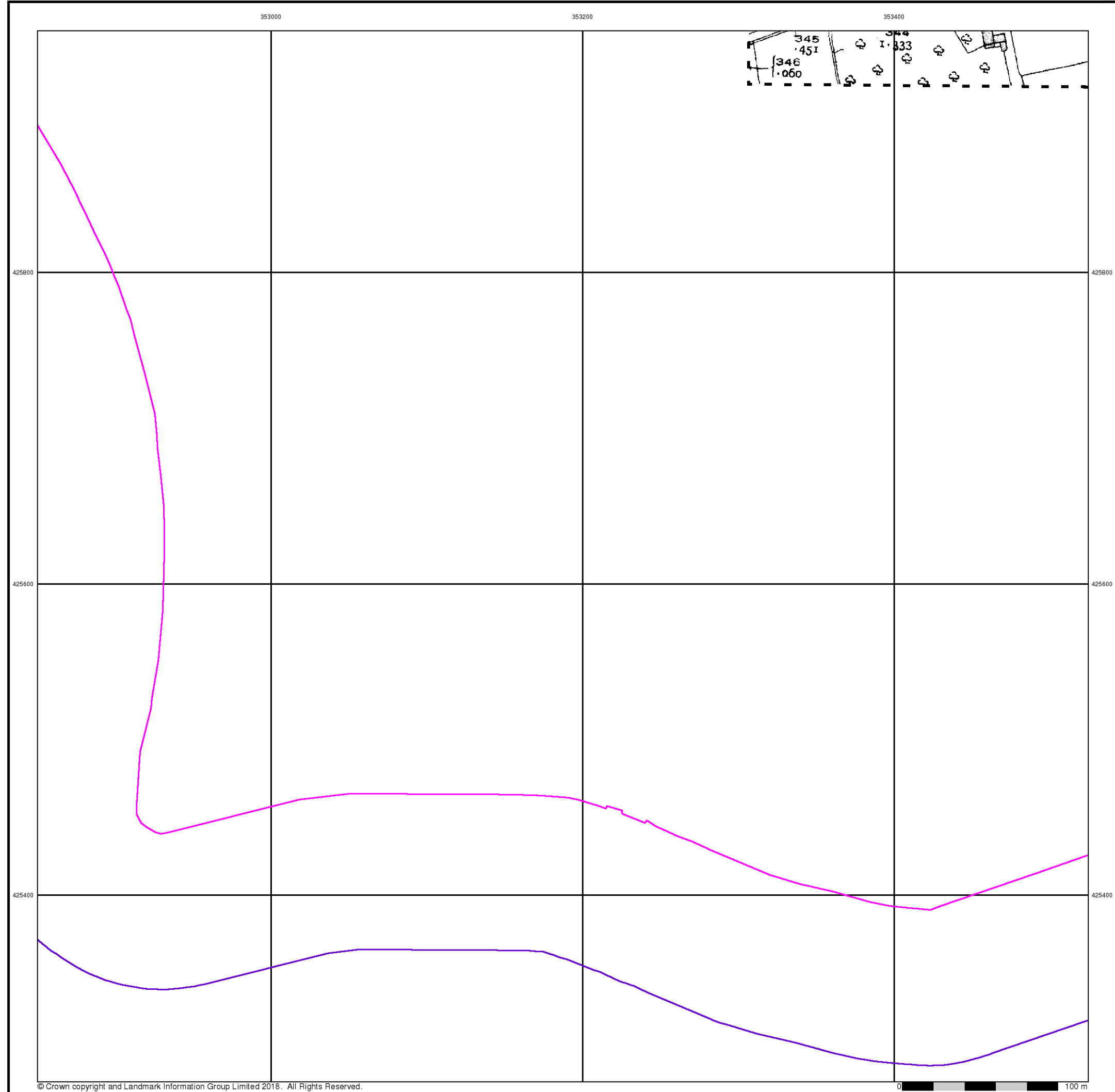
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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

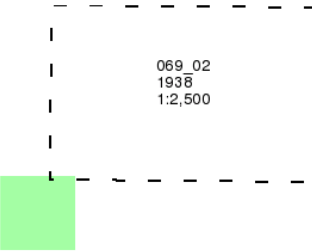




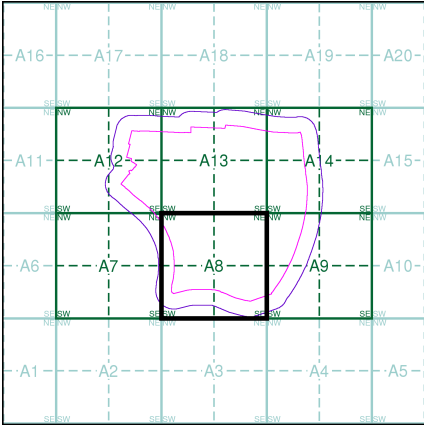
Lancashire And Furness
Published 1938
Source map scale - 1:2,500

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 A8



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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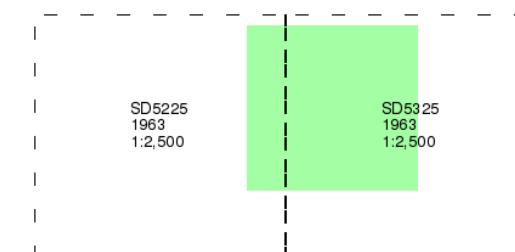
Ordnance Survey Plan

Published 1963

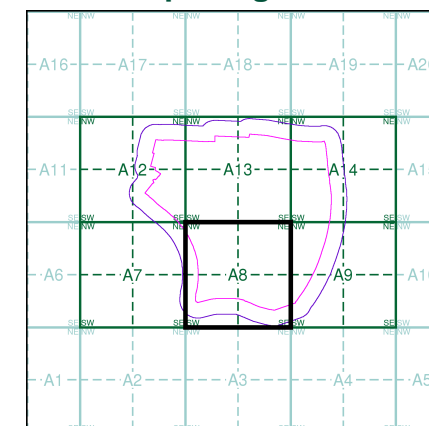
Source map scale - 1:2,500

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 A8



Order Details

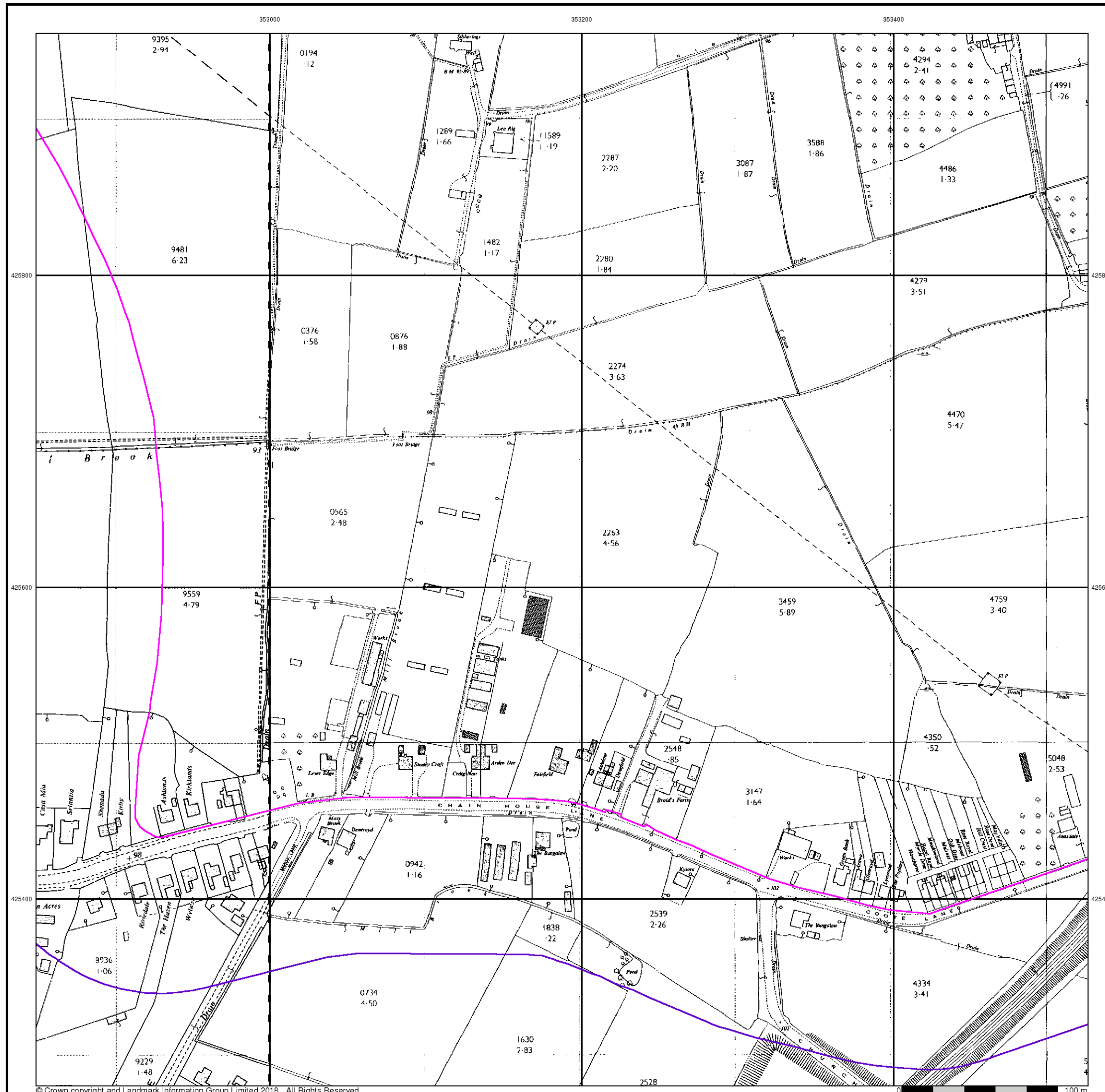
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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Ordnance Survey Plan

Published 1963

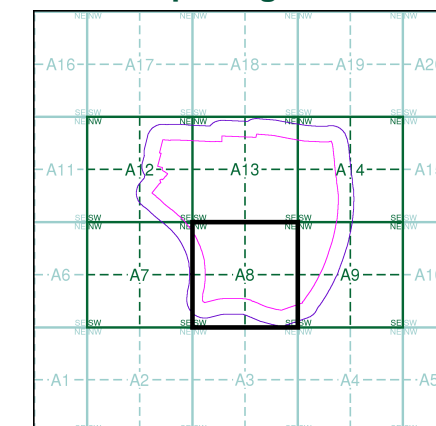
Source map scale - 1:1,250

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)

SD5325NW 1963 1:1,250	SD5325NE 1963 1:1,250
SD5325SW 1963 1:1,250	SD5325SE 1963 1:1,250

Historical Map - Segment A8



Order Details

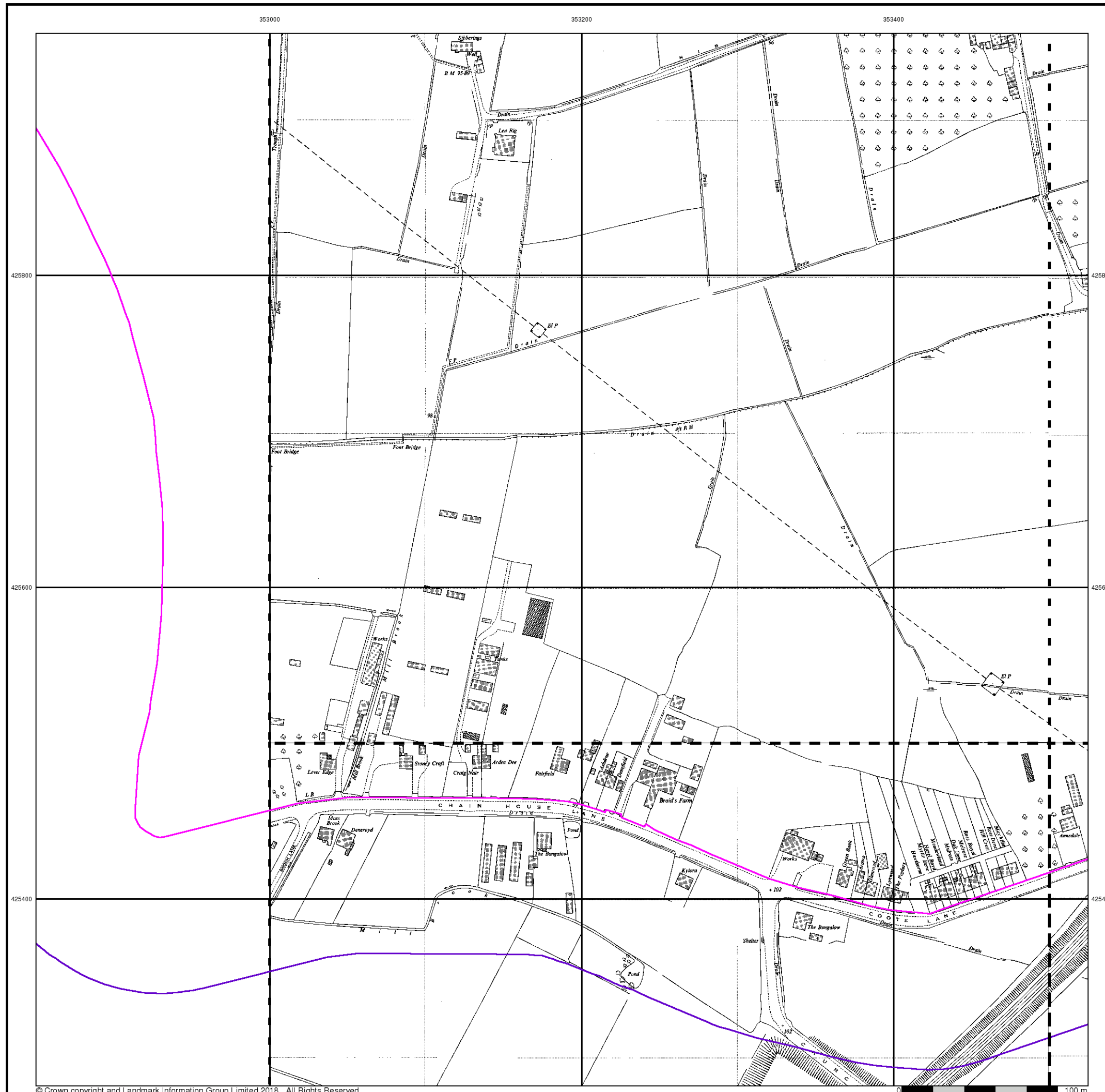
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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Additional SIMs

Published 1963 - 1979

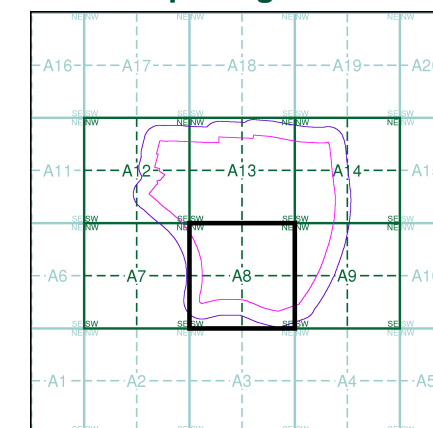
Source map scale - 1:1,250

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)

SD5325NW 1963 1:1,250	SD5325NE 1979 1:1,250
SD5325SW 1963 1:1,250	SD5325SE 1963 1:1,250

Historical Map - Segment A8



Order Details

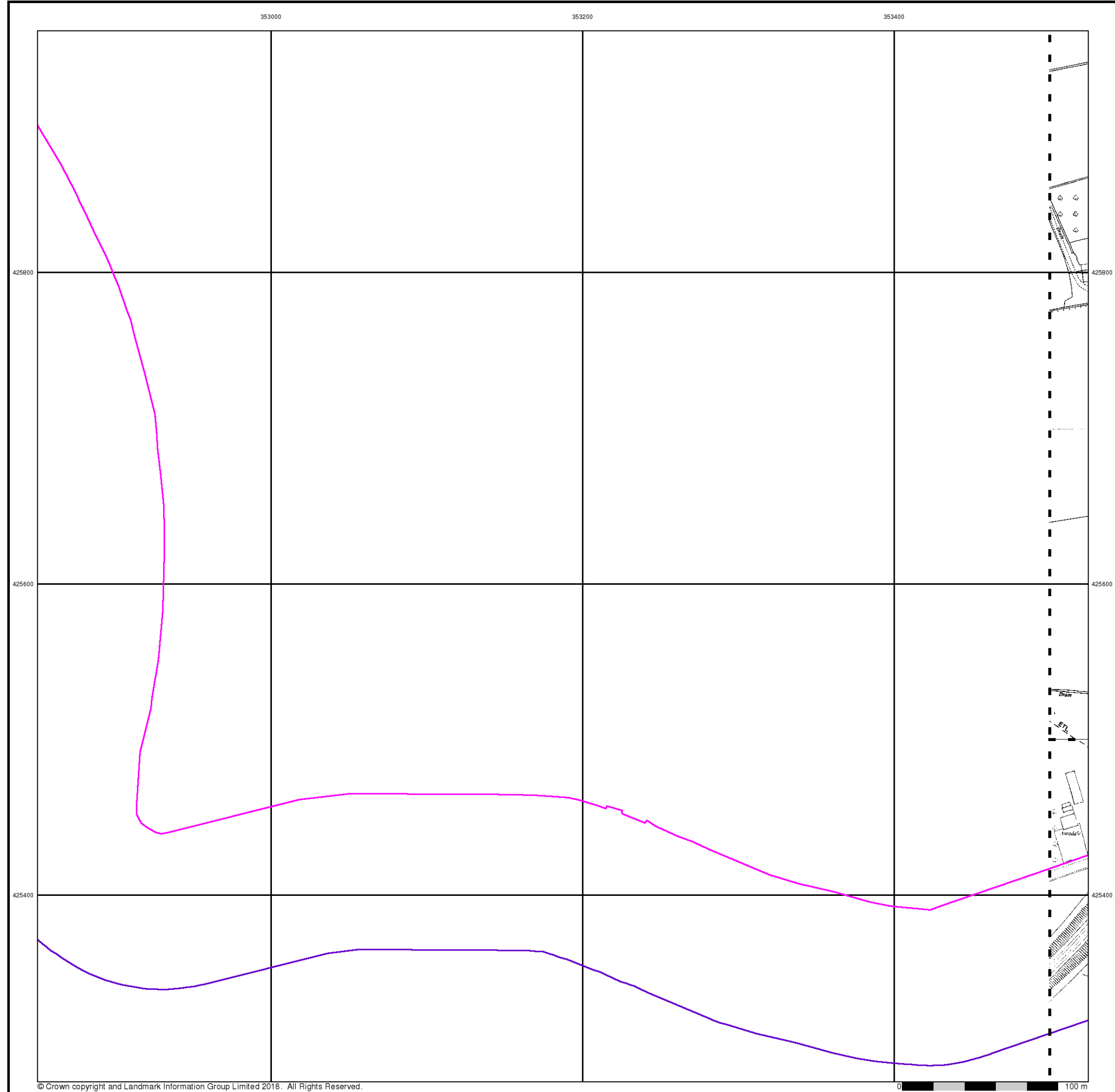
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

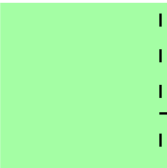
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



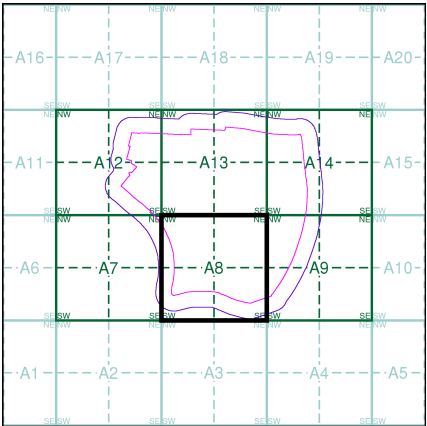
Additional SIMs
Published 1977 - 1985
Source map scale - 1:1,250

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)

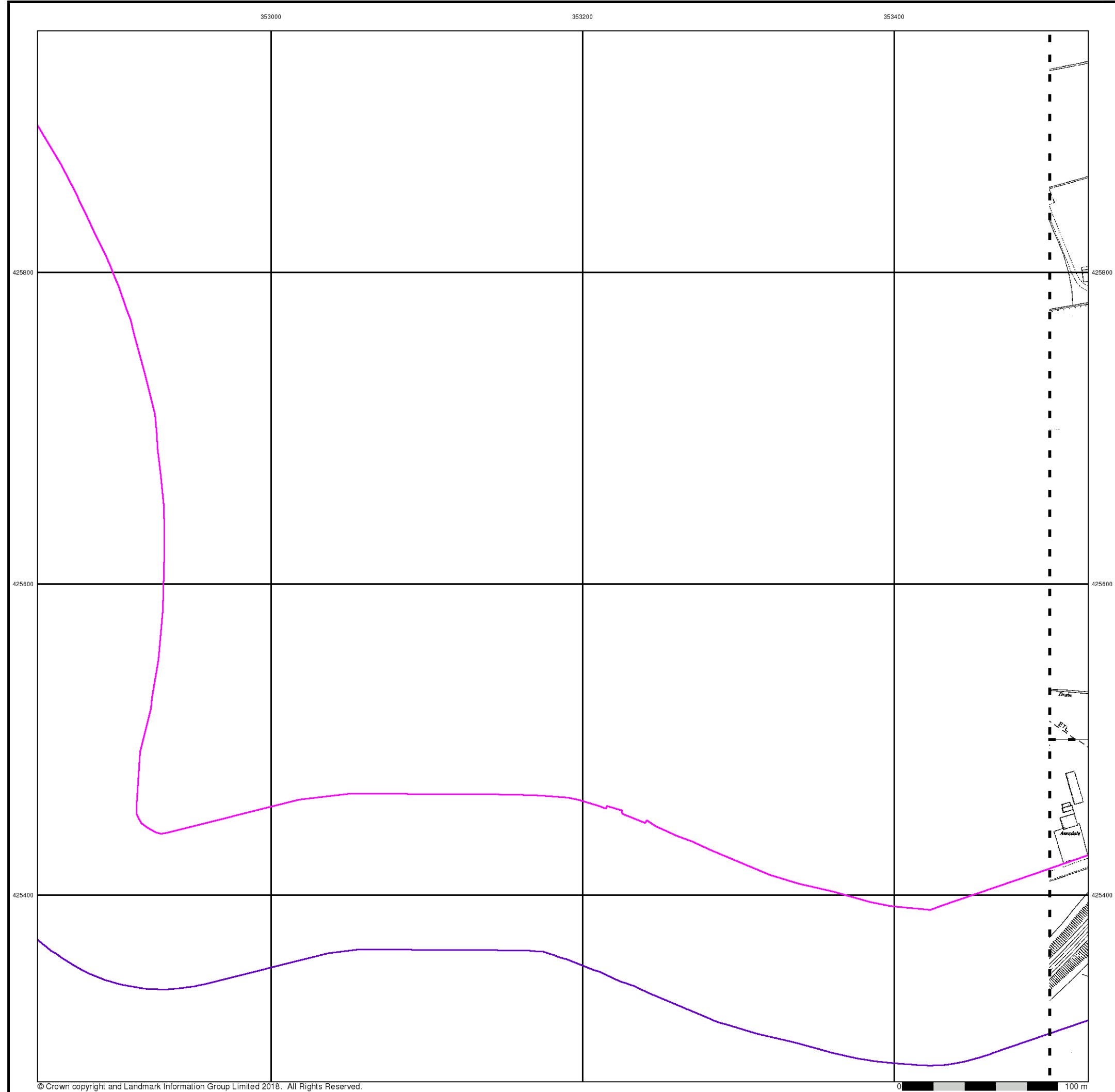
	SD5325NE 1985 1:1,250
	SD5325SE 1977 1:1,250

Historical Map - Segment A8



Order Details
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details
Pickering's Farm, Penwortham, PR1 9TQ



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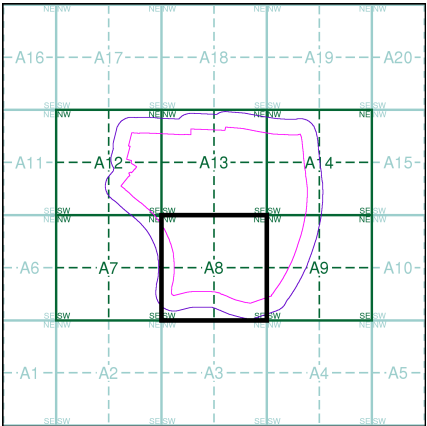
Additional SIMs
Published 1987 - 1990
Source map scale - 1:1,250

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)

	SD5325NE 1990 1:1,250
	SD5325SE 1987 1:1,250

Historical Map - Segment A8



Order Details
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
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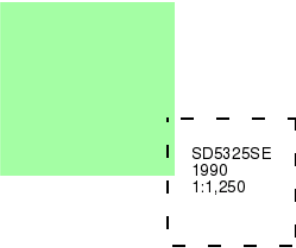
Ordnance Survey Plan

Published 1990

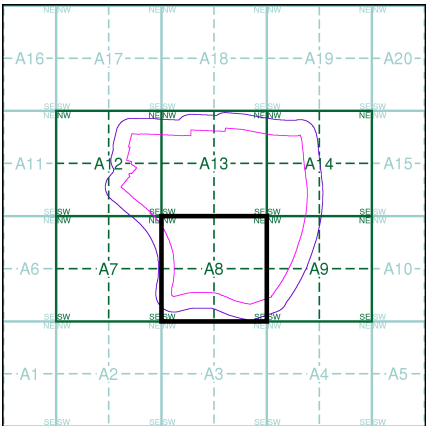
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

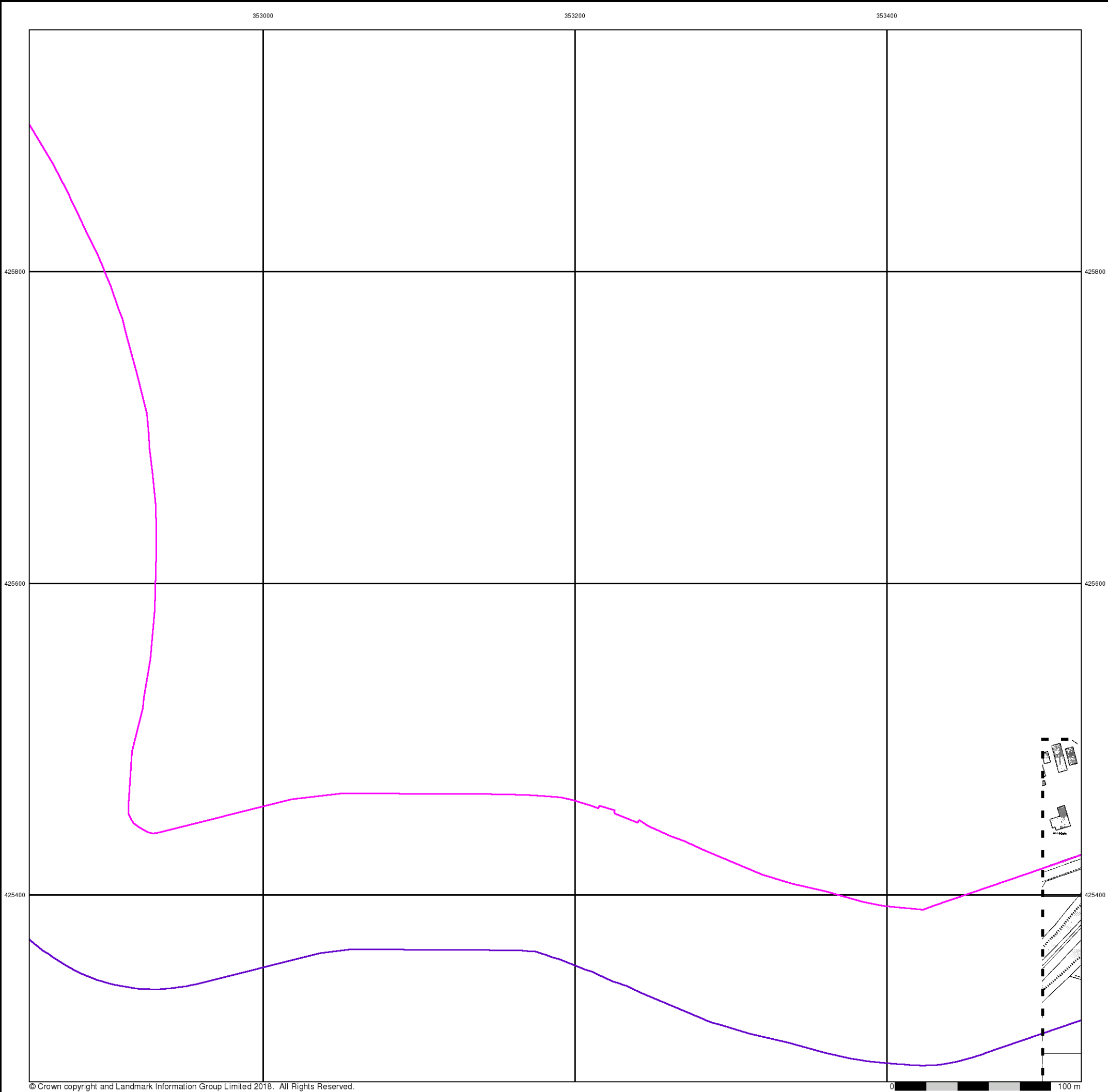
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Web: www.envirocheck.co.uk





Large-Scale National Grid Data

Published 1993

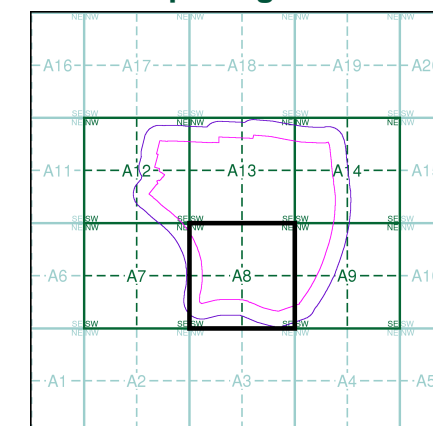
Source map scale - 1:1,250

'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)

SD5325NW 1993 1:1,250	SD5325NE 1993 1:1,250
SD5325SW 1993 1:1,250	SD5325SE 1993 1:1,250

Historical Map - Segment A8



Order Details

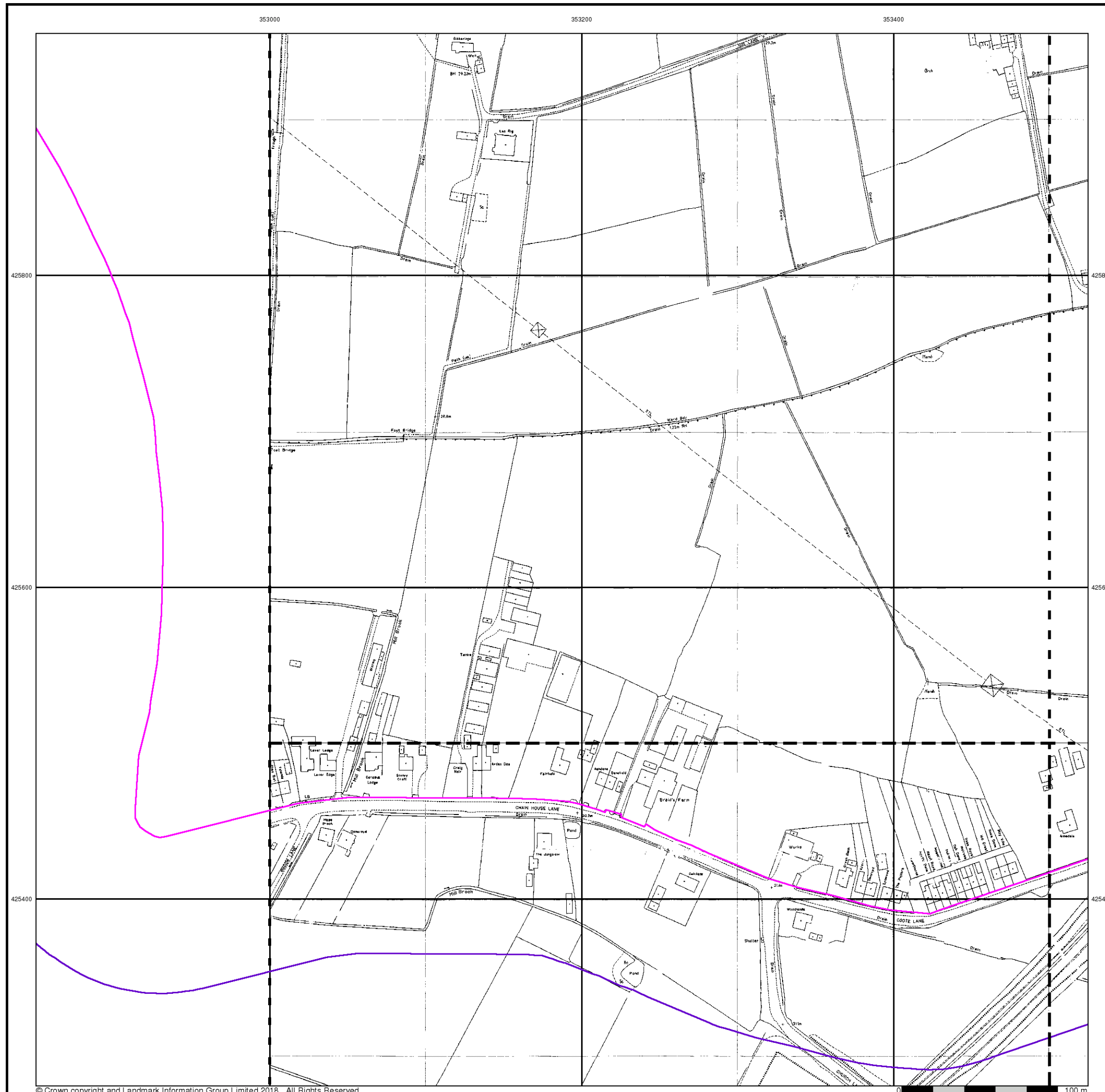
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





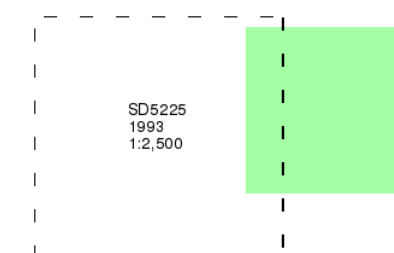
Large-Scale National Grid Data

Published 1993

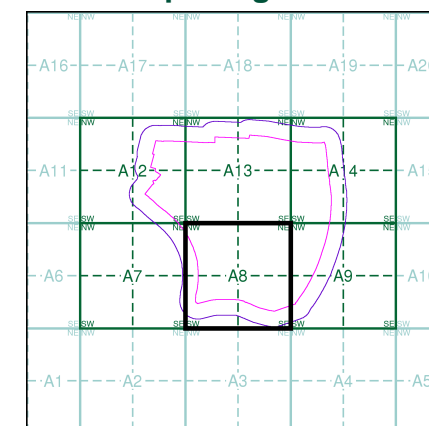
Source map scale - 1:2,500

'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 A8



Order Details

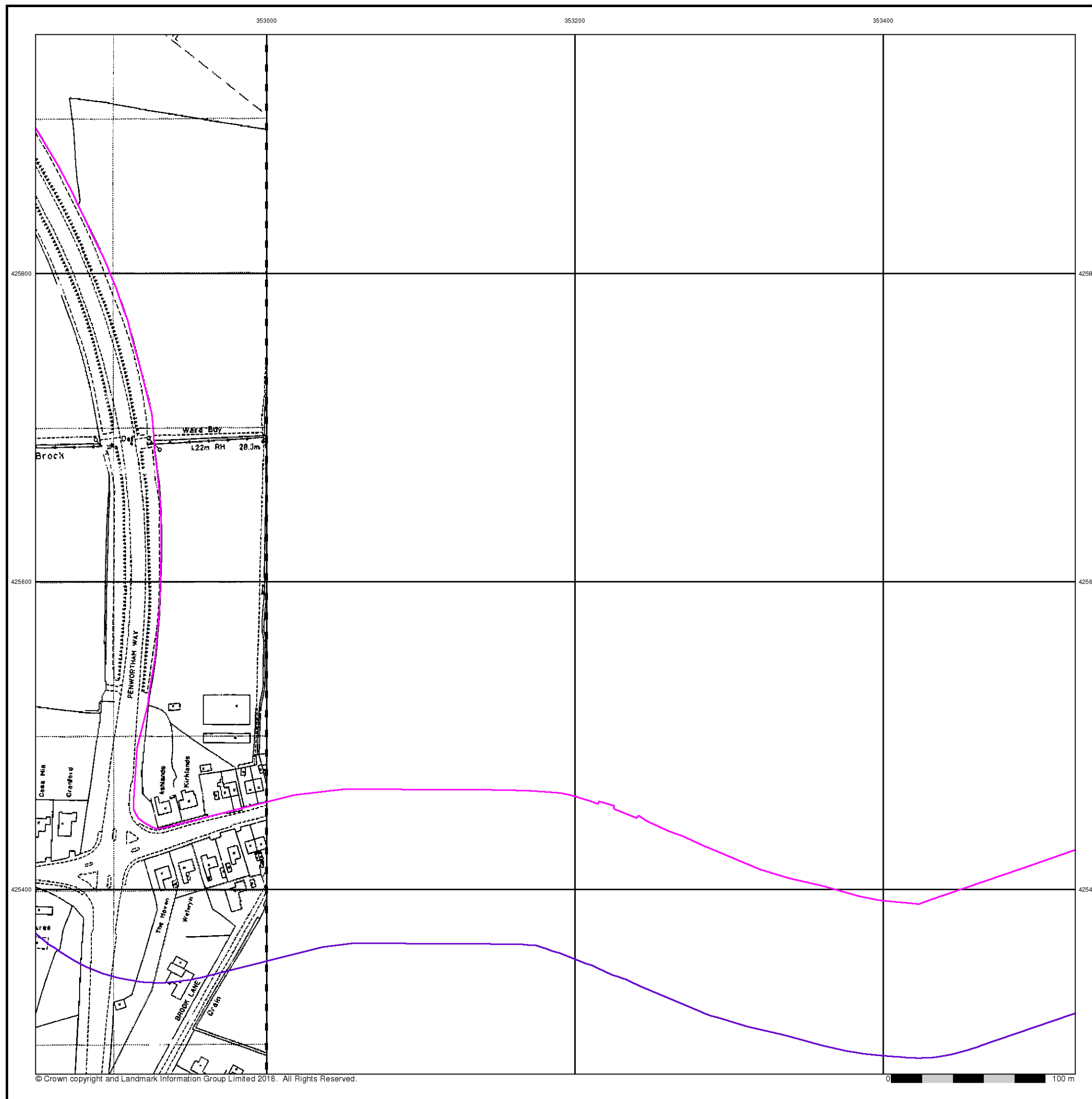
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



Historical Mapping Legends

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



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



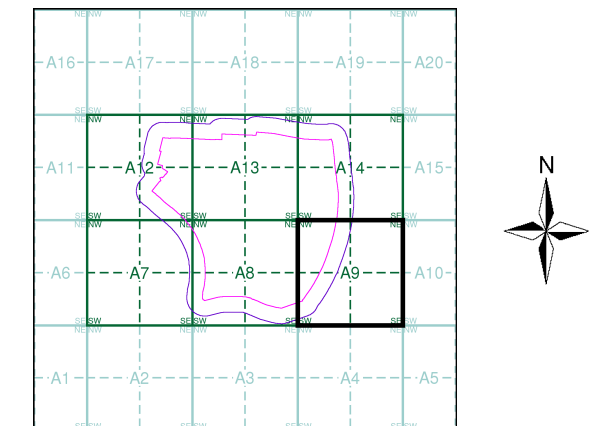
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:2,500	1963 - 1965	6
Ordnance Survey Plan	1:1,250	1963 - 1964	7
Additional SIMs	1:1,250	1963 - 1979	8
Ordnance Survey Plan	1:1,250	1970 - 1991	9
Additional SIMs	1:1,250	1977 - 1986	10
Additional SIMs	1:1,250	1987 - 1990	11
Additional SIMs	1:1,250	1988	12
Ordnance Survey Plan	1:1,250	1989	13
Large-Scale National Grid Data	1:1,250	1993	14

Historical Map - Segment A9



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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Fax: 0844 844 9951
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Lancashire And Furness

Published 1893

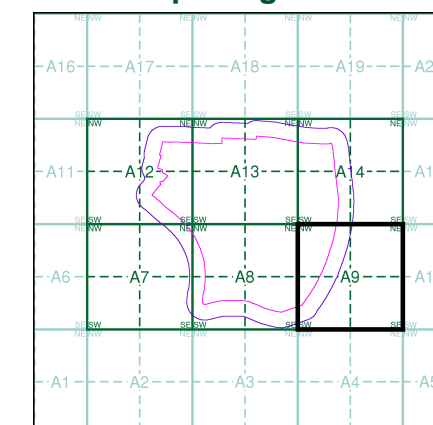
Source map scale - 1:2,500

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)

069_02
1893
1:2,500
069_06
1893
1:2,500

Historical Map - Segment A9



Order Details

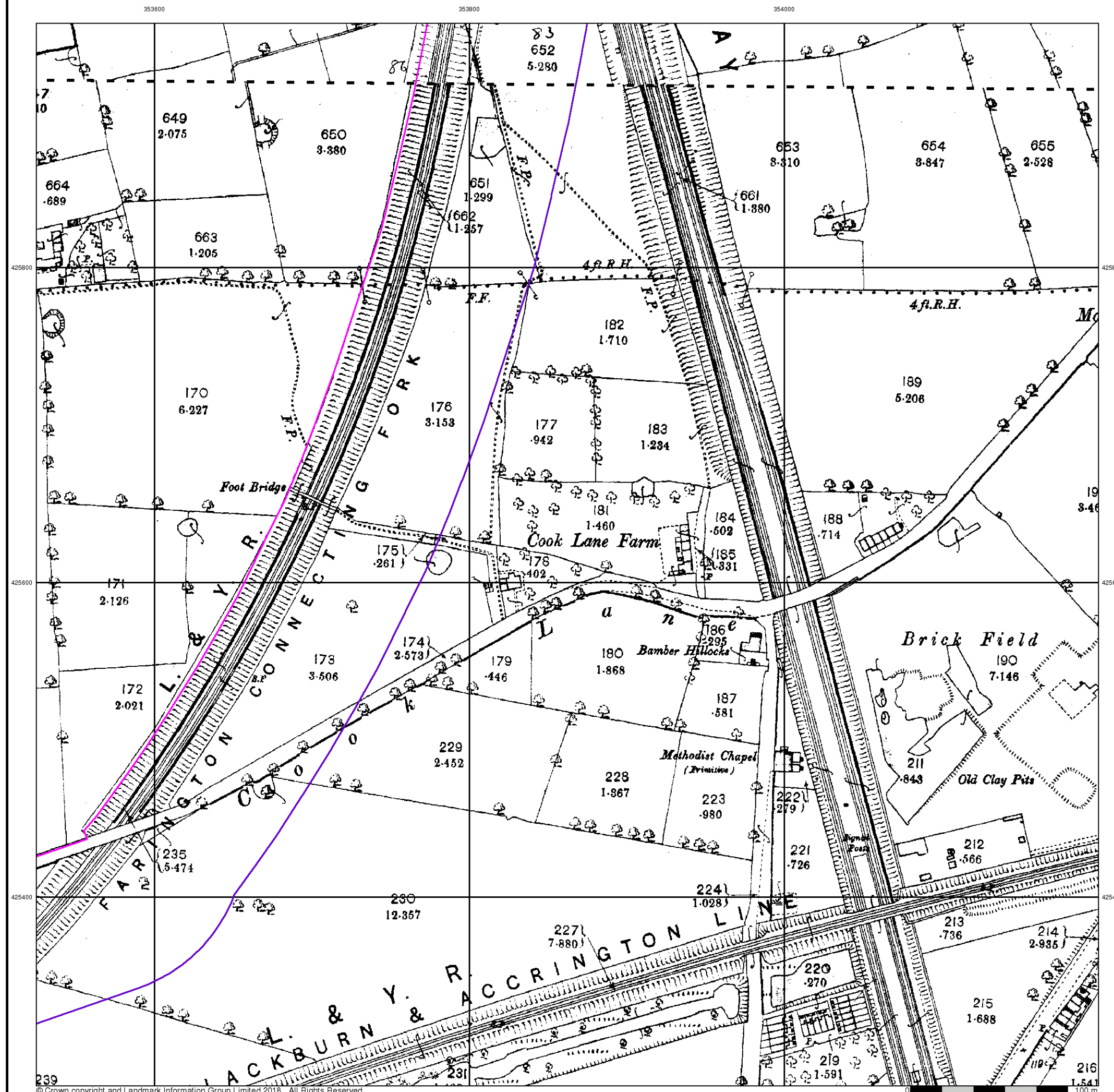
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Lancashire And Furness

Published 1911

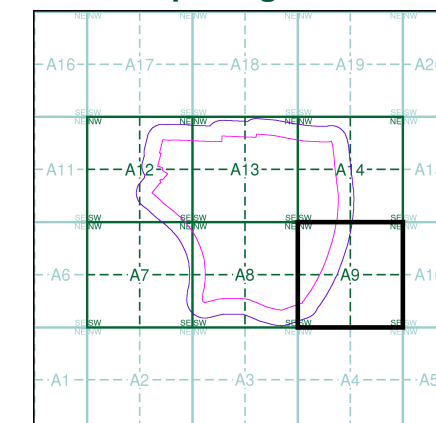
Source map scale - 1:2,500

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)

069_02
1911
1:2,500
069_06
1911
1:2,500

Historical Map - Segment A9



Order Details

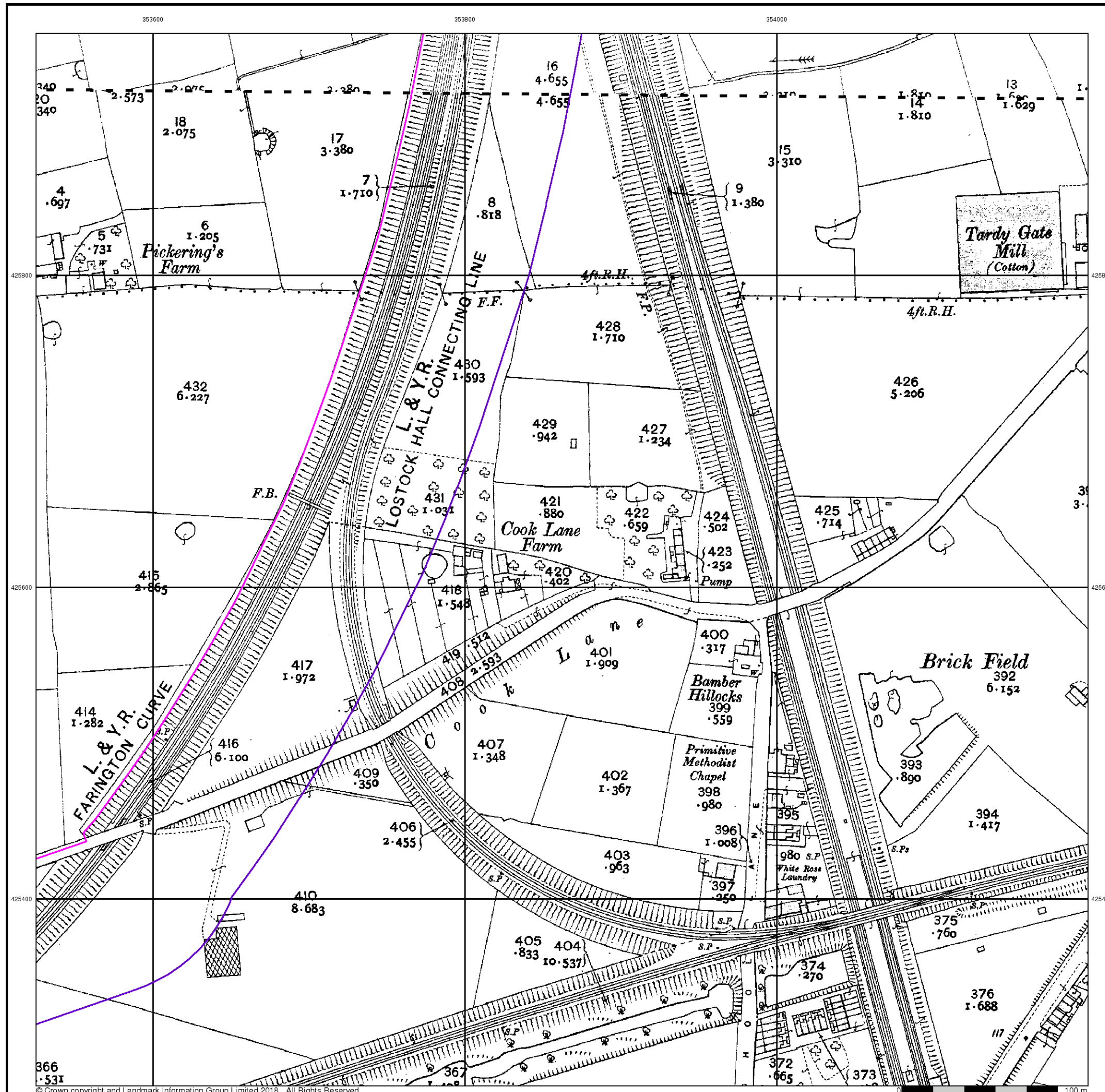
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Lancashire And Furness

Published 1931

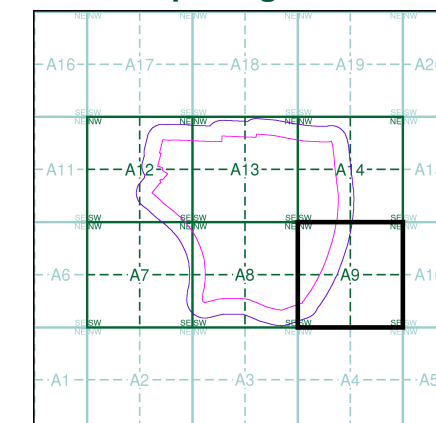
Source map scale - 1:2,500

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)

069_02
1931
1:2,500
069_06
1931
1:2,500

Historical Map - Segment A9



Order Details

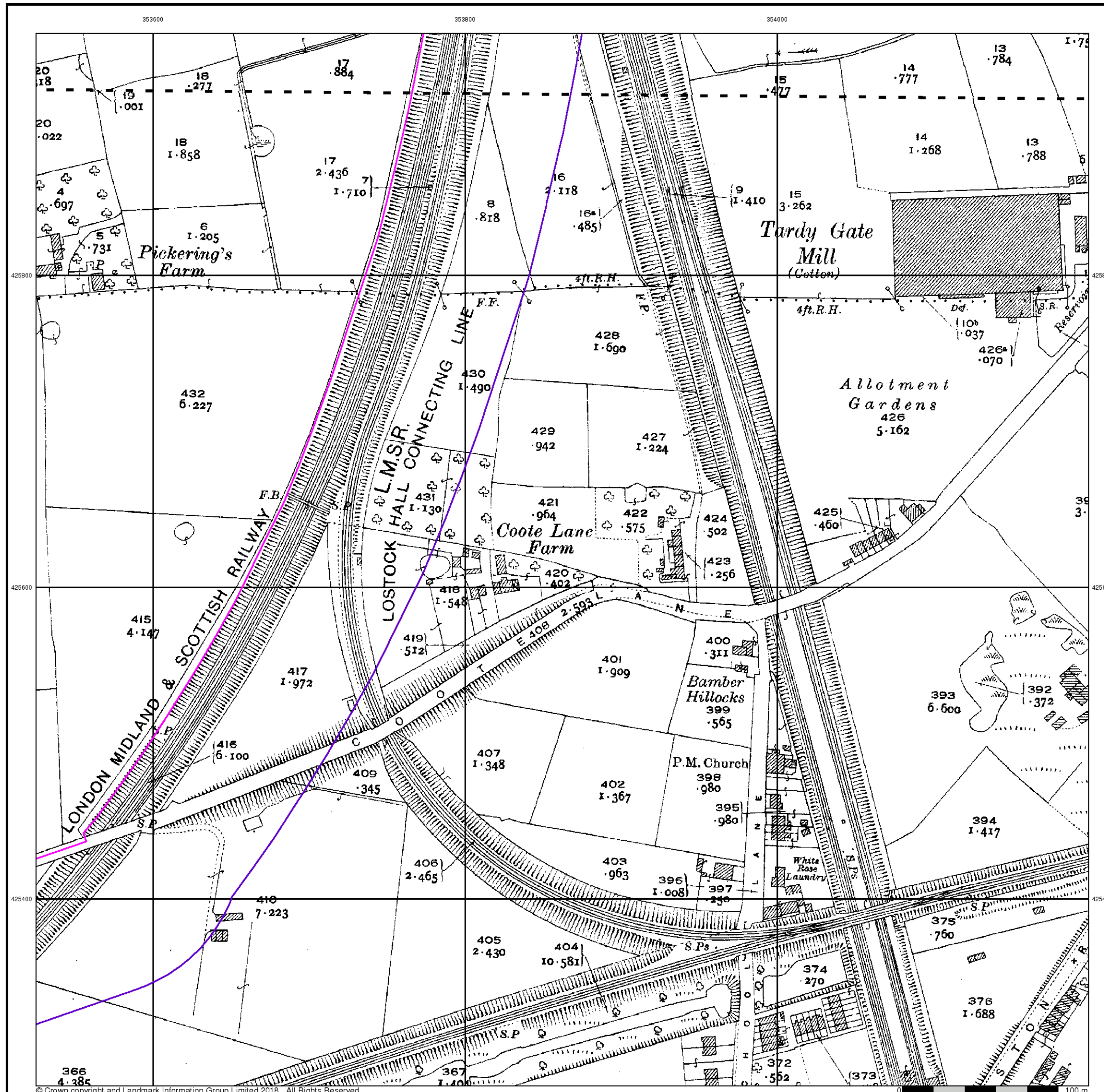
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

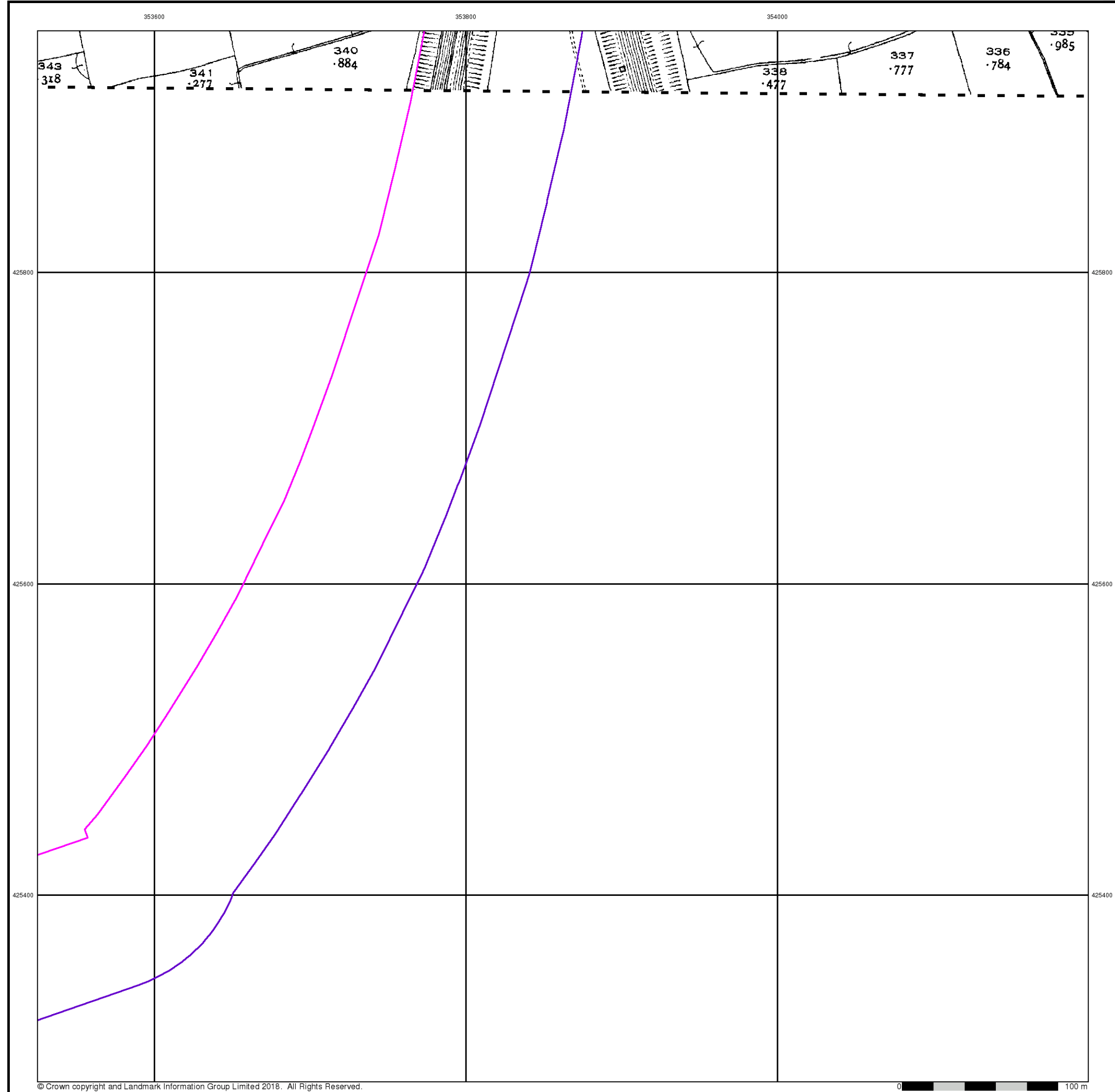
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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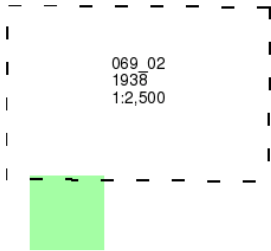
Lancashire And Furness

Published 1938

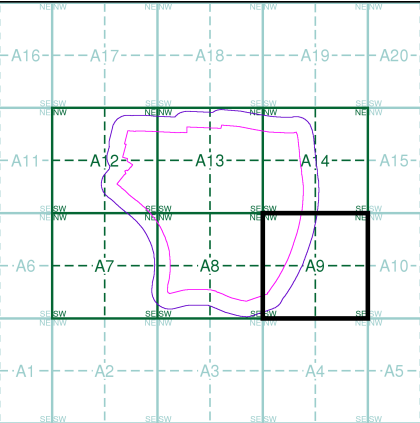
Source map scale - 1:2,500

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 A9



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



Tel: 0844 844 9952
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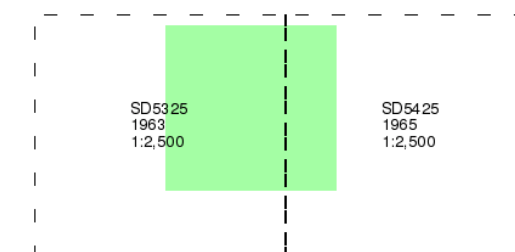
Ordnance Survey Plan

Published 1963 - 1965

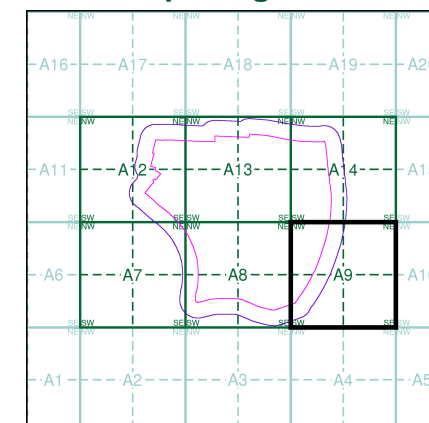
Source map scale - 1:2,500

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 A9



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Tel: 0844 844 9952
Fax: 0844 844 9951
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Ordnance Survey Plan

Published 1963 - 1964

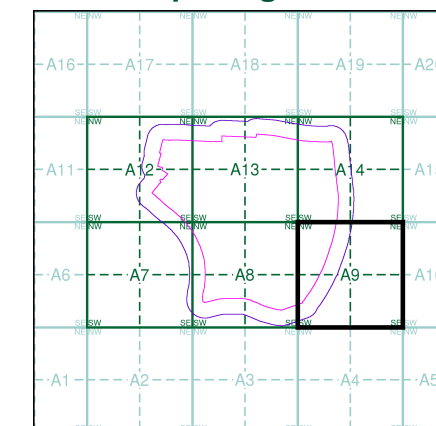
Source map scale - 1:1,250

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)

SD5325NE 1963 1:1,250	SD5425NW 1964 1:1,250
SD5325SE 1963 1:1,250	SD5425SW 1964 1:1,250

Historical Map - Segment A9



Order Details

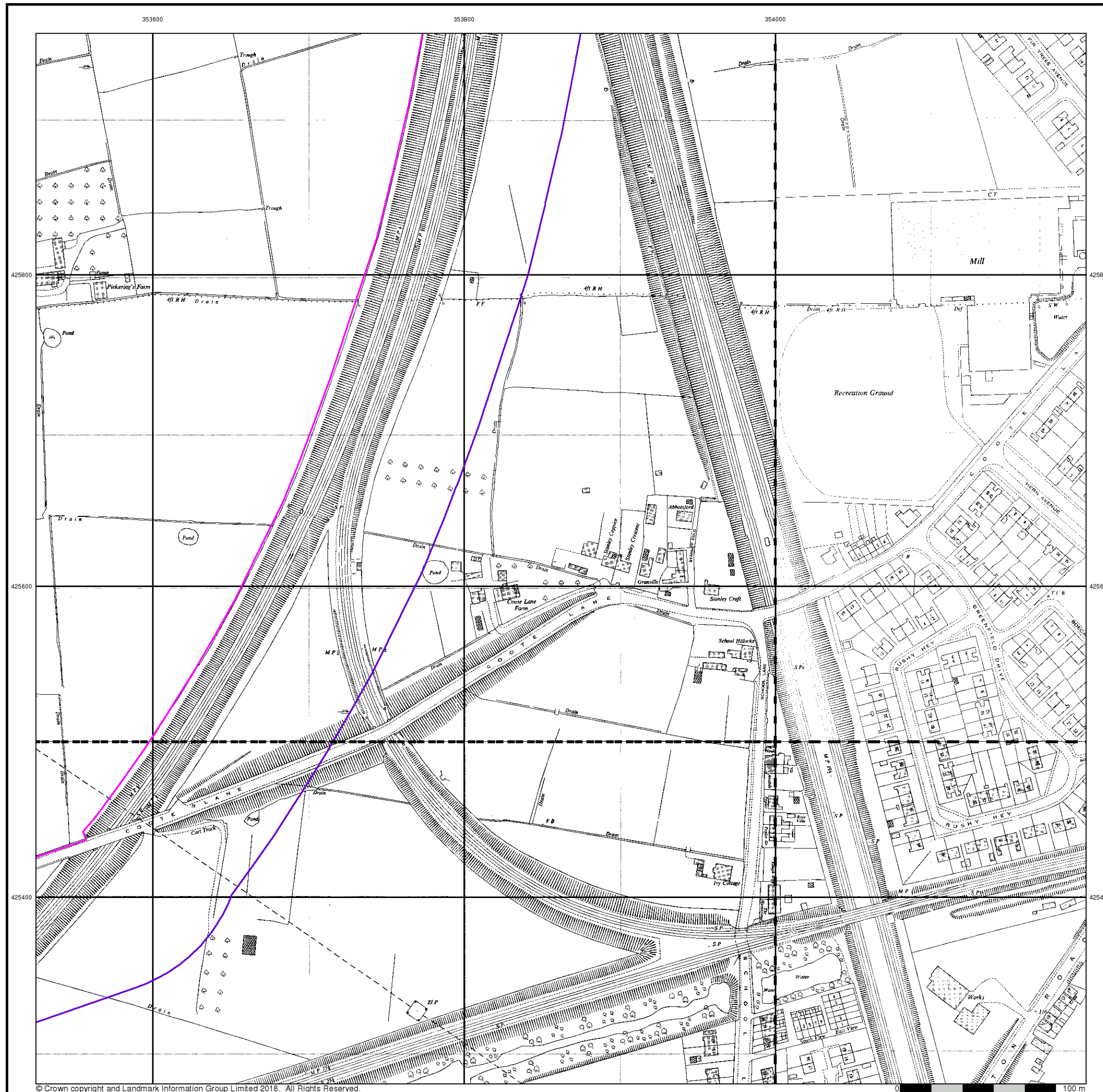
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
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Additional SIMs

Published 1963 - 1979

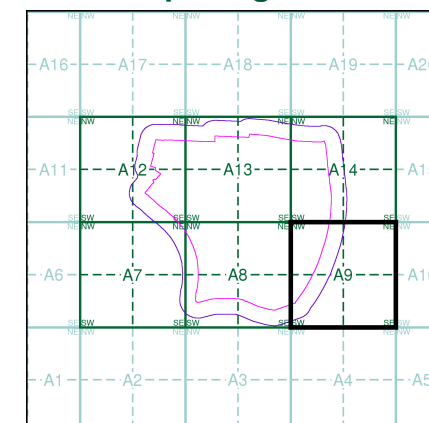
Source map scale - 1:1,250

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)

SD5325NE 1979 1:1,250	SD5425NW 1978 1:1,250
SD5325SE 1963 1:1,250	SD5425SW 1964 1:1,250

Historical Map - Segment A9



Order Details

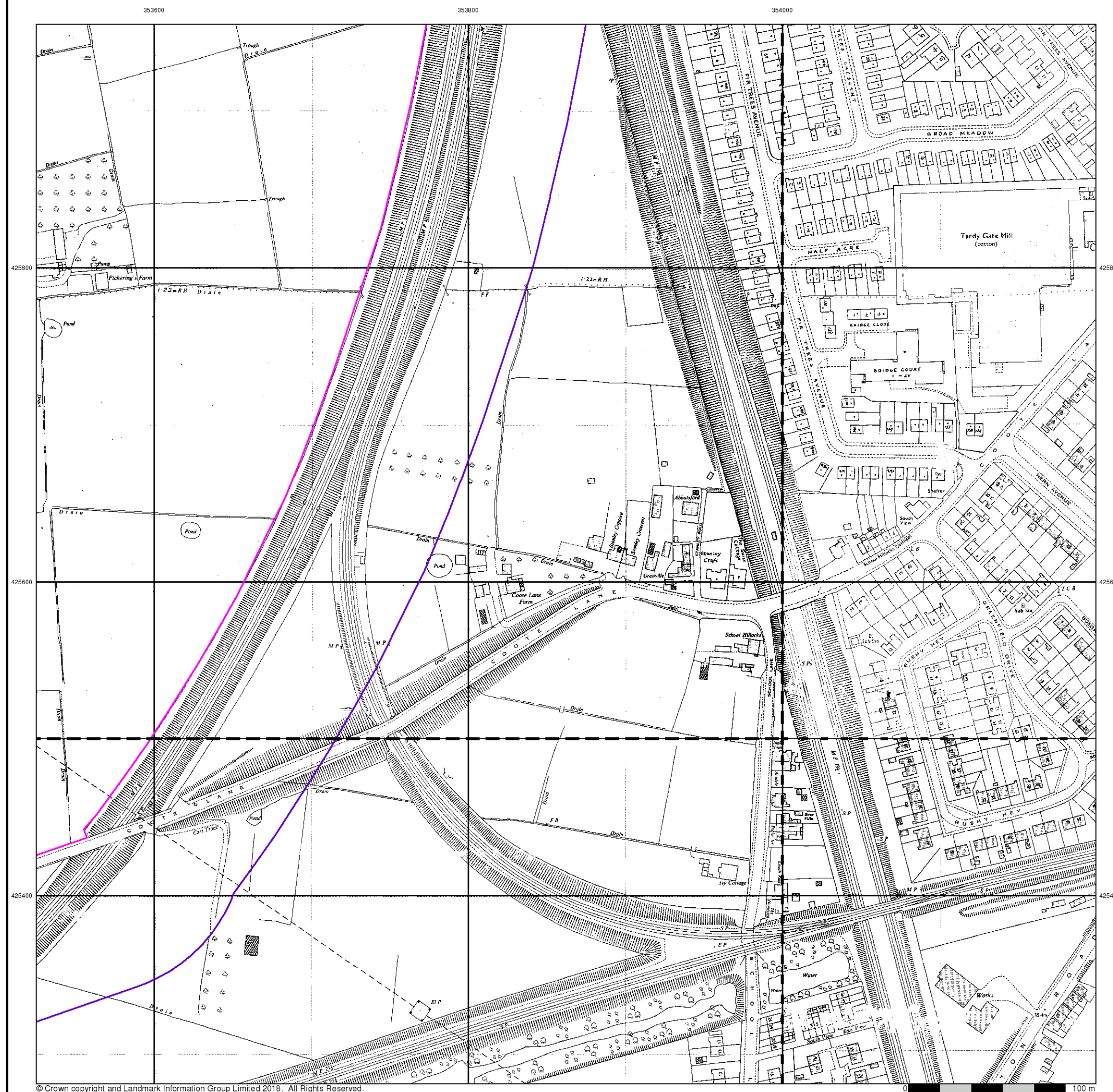
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
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Ordnance Survey Plan

Published 1970 - 1991

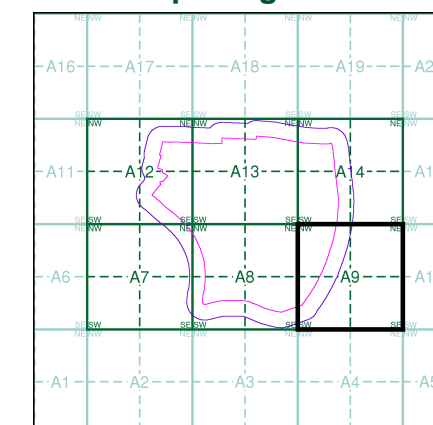
Source map scale - 1:1,250

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)

SD5425NW	1970	1:1,250
SD5325SE	1990	1:1,250
SD5425SW	1991	1:1,250

Historical Map - Segment A9



Order Details

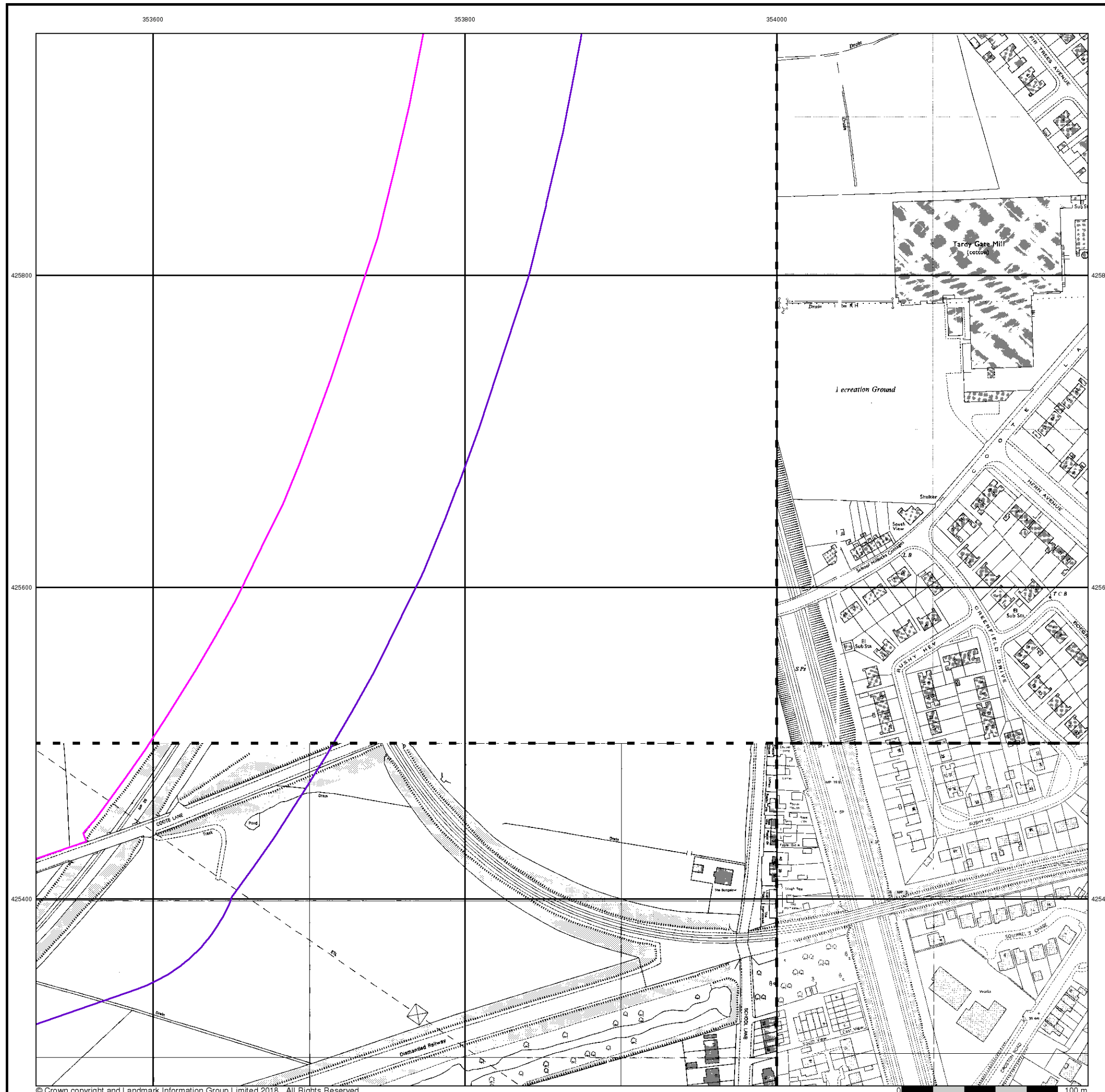
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
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Additional SIMs

Published 1987 - 1990

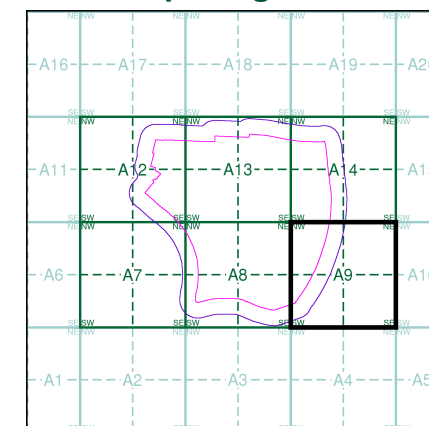
Source map scale - 1:1,250

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)

SD5325NE	1990	1:1,250
SD5325SE	1987	1:1,250
SD5425SW	1988	1:1,250

Historical Map - Segment A9



Order Details

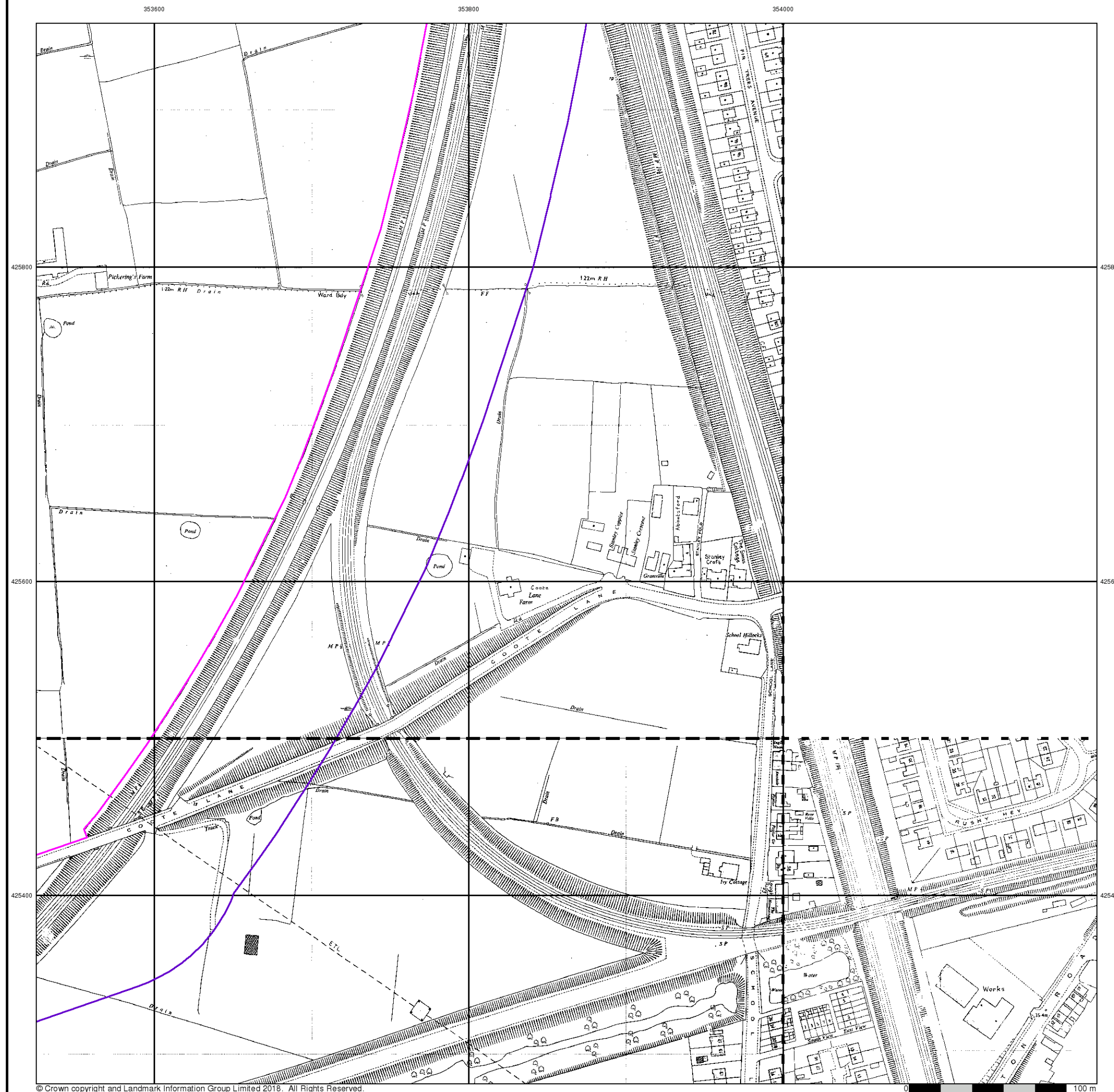
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

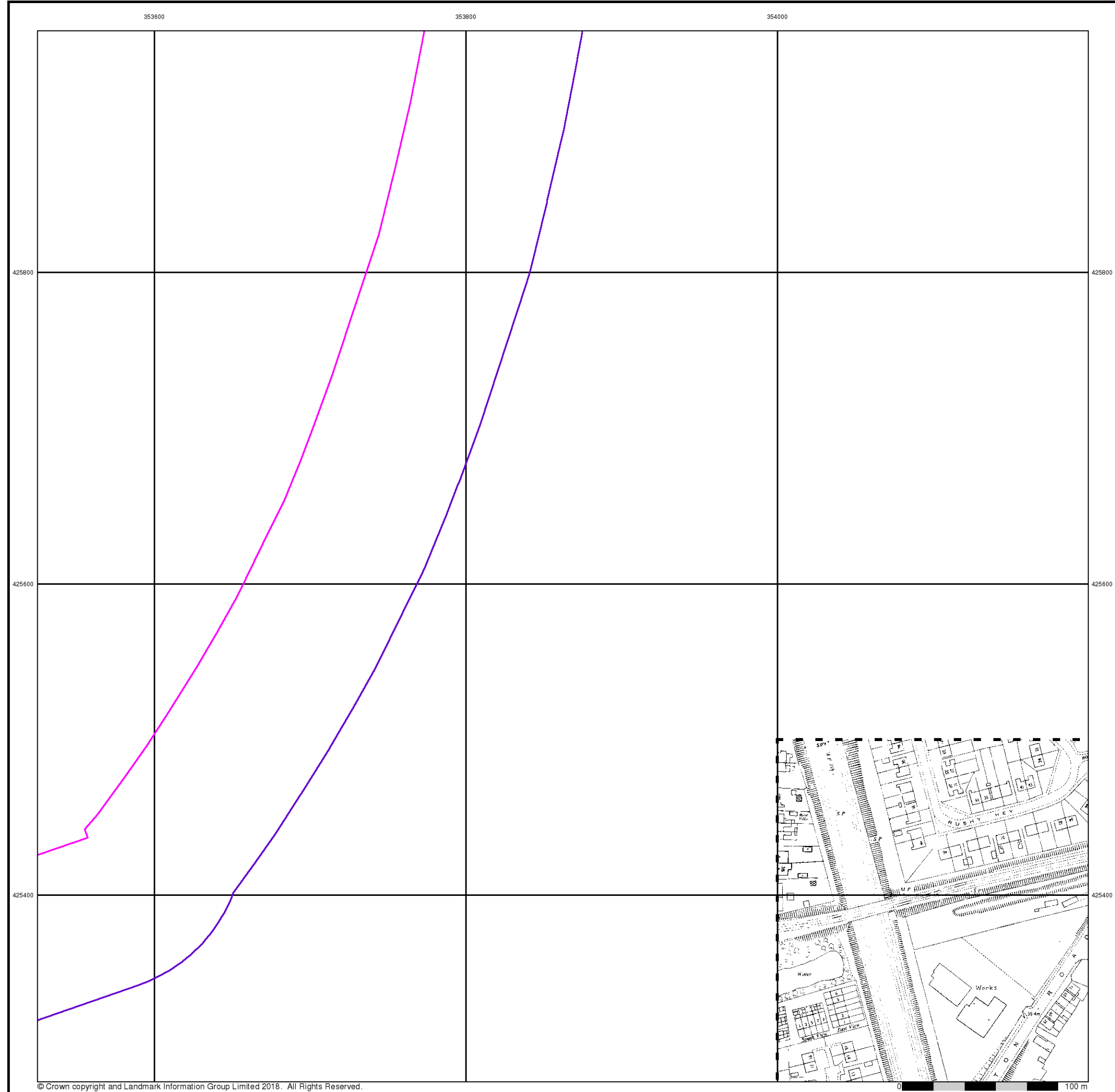
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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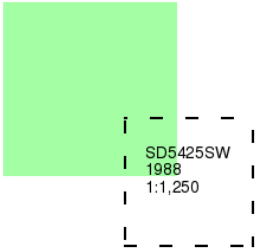
Additional SIMs

Published 1988

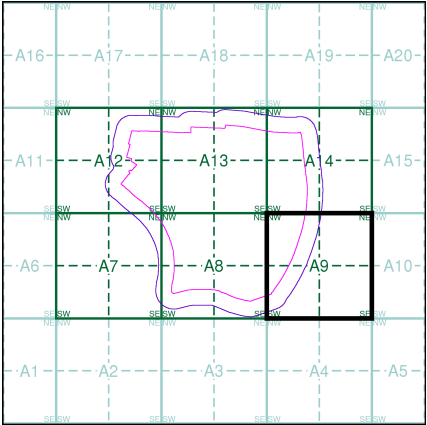
Source map scale - 1:1,250

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 A9



Order Details

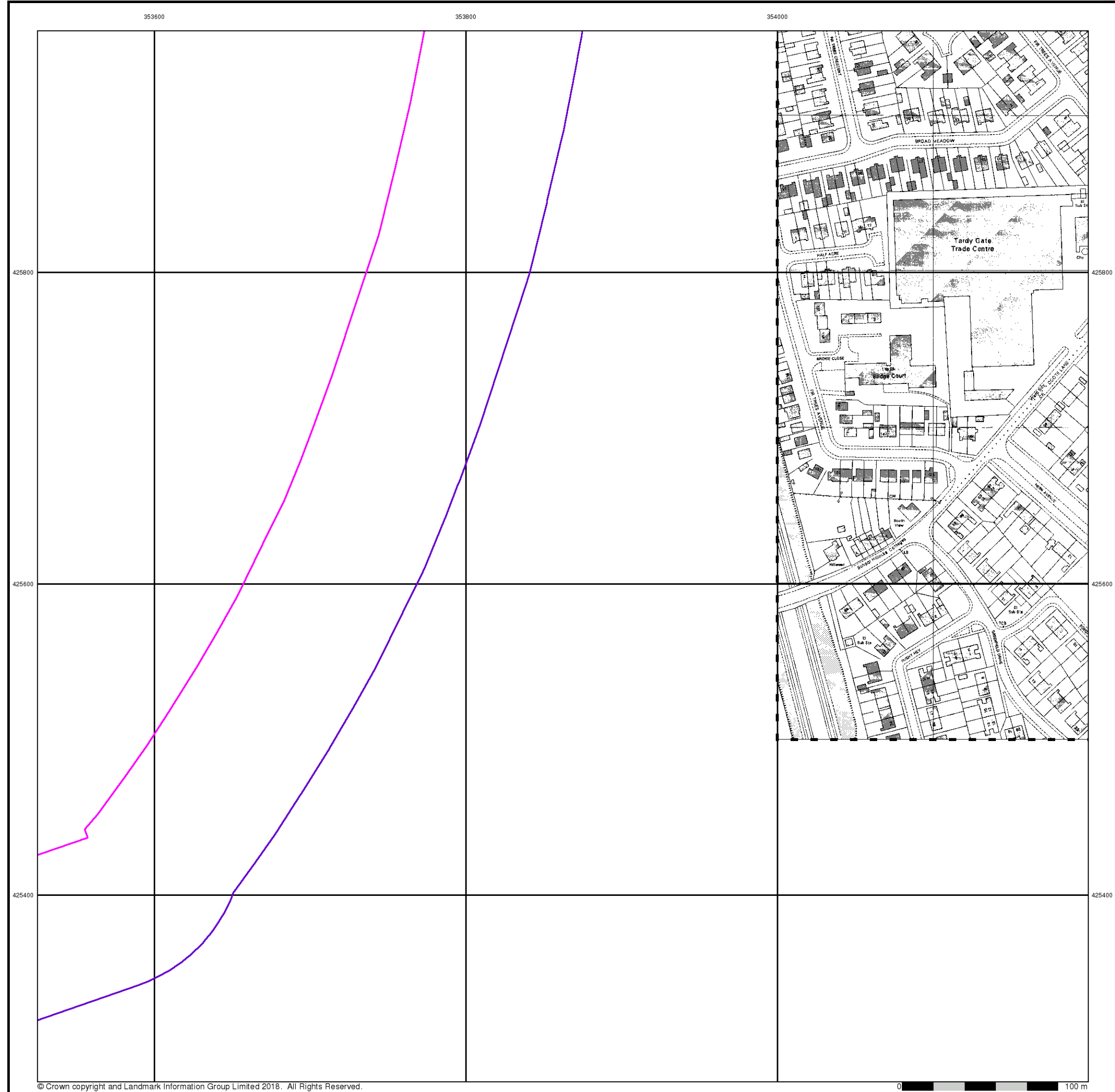
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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Web: www.envirocheck.co.uk



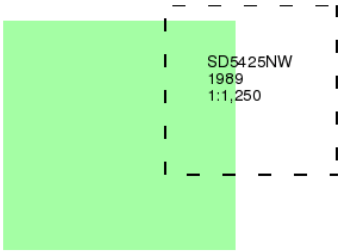
Ordnance Survey Plan

Published 1989

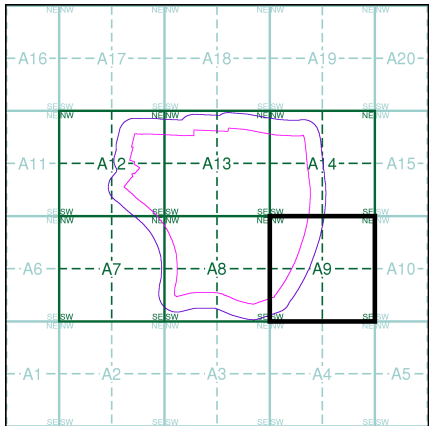
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A9



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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



Large-Scale National Grid Data

Published 1993

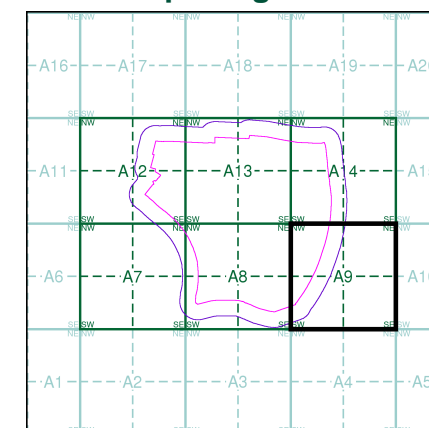
Source map scale - 1:1,250

'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)

SD5325NE 1993 1:1,250	SD5425NW 1993 1:1,250
SD5325SE 1993 1:1,250	SD5425SW 1993 1:1,250

Historical Map - Segment A9



Order Details

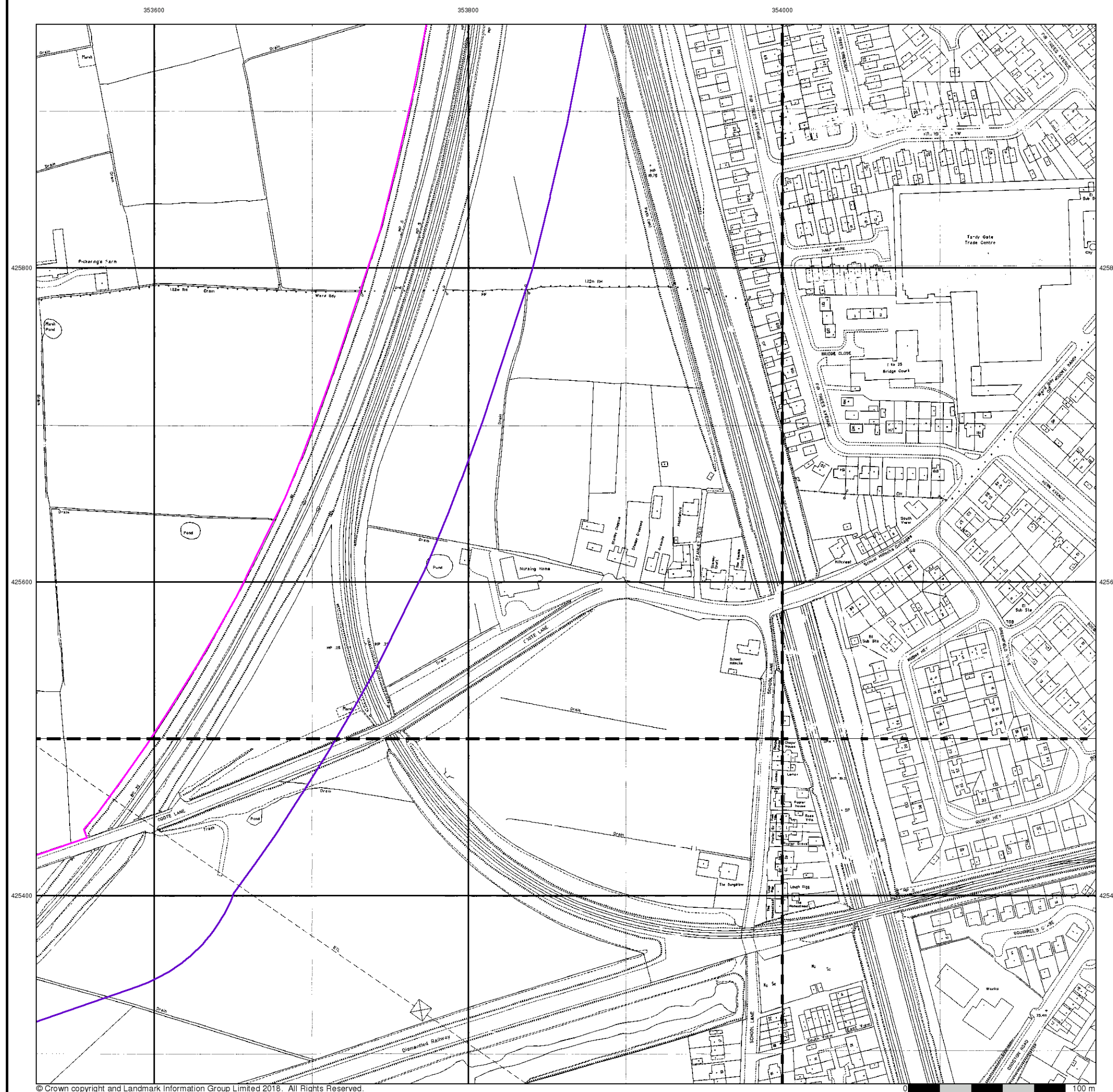
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk



Historical Mapping Legends

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



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



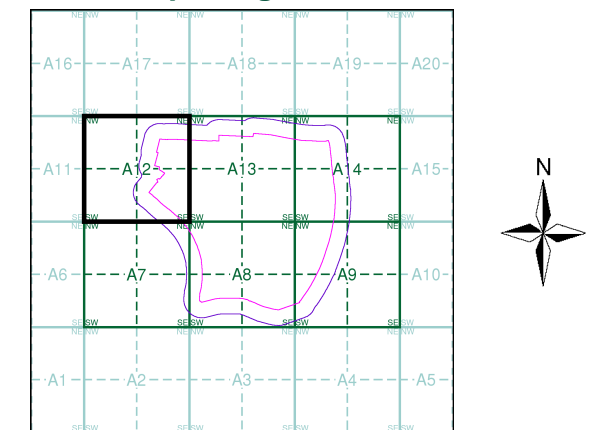
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Ordnance Survey Plan	1:1,250	1957	5
Additional SIMs	1:1,250	1957 - 1988	6
Ordnance Survey Plan	1:2,500	1960 - 1963	7
Ordnance Survey Plan	1:1,250	1964 - 1988	8
Ordnance Survey Plan	1:2,500	1970	9
Ordnance Survey Plan	1:1,250	1973	10
Additional SIMs	1:1,250	1981 - 1990	11
Additional SIMs	1:1,250	1983	12
Additional SIMs	1:1,250	1985	13
Additional SIMs	1:1,250	1986	14
Large-Scale National Grid Data	1:2,500	1993	15
Large-Scale National Grid Data	1:1,250	1993	16

Historical Map - Segment A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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



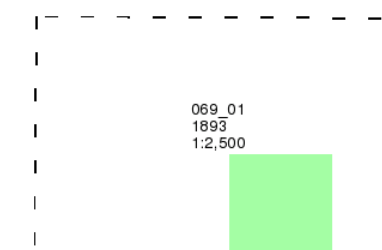
Lancashire And Furness

Published 1893

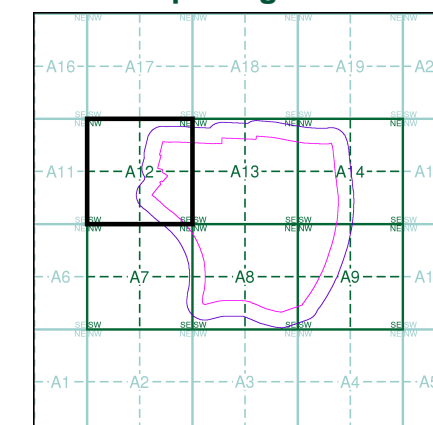
Source map scale - 1:2,500

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 A12



Order Details

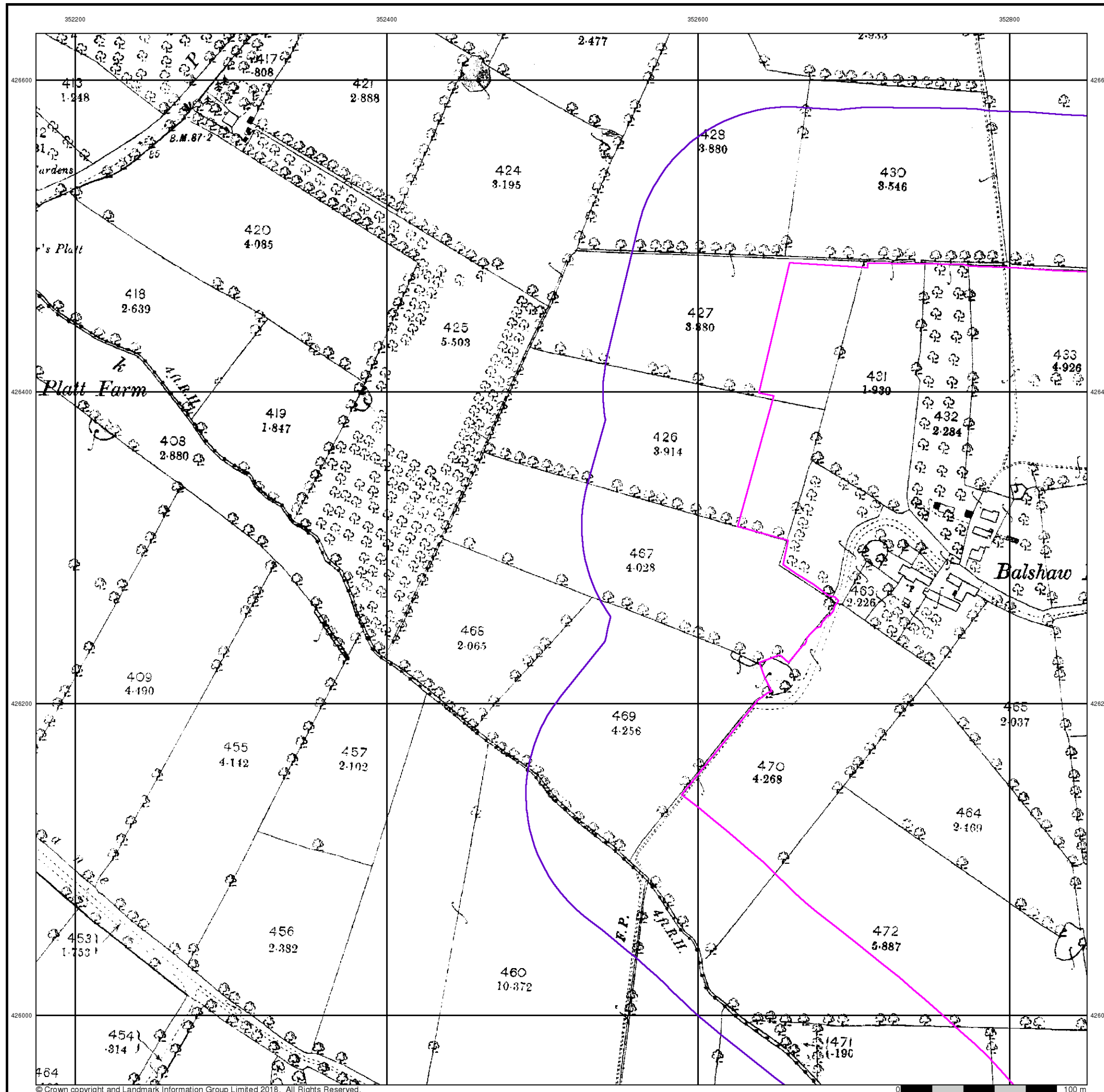
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





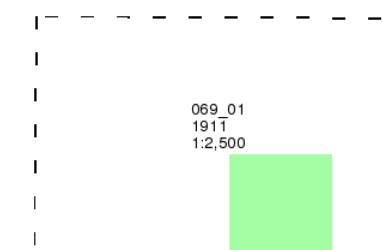
Lancashire And Furness

Published 1911

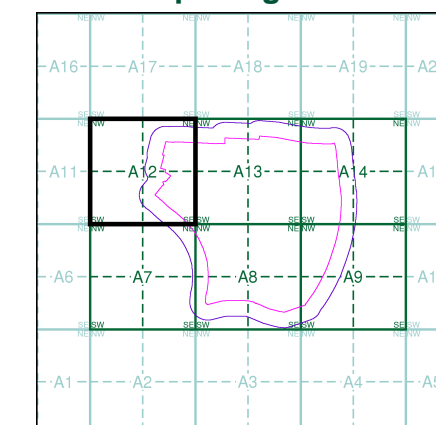
Source map scale - 1:2,500

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 A12



Order Details

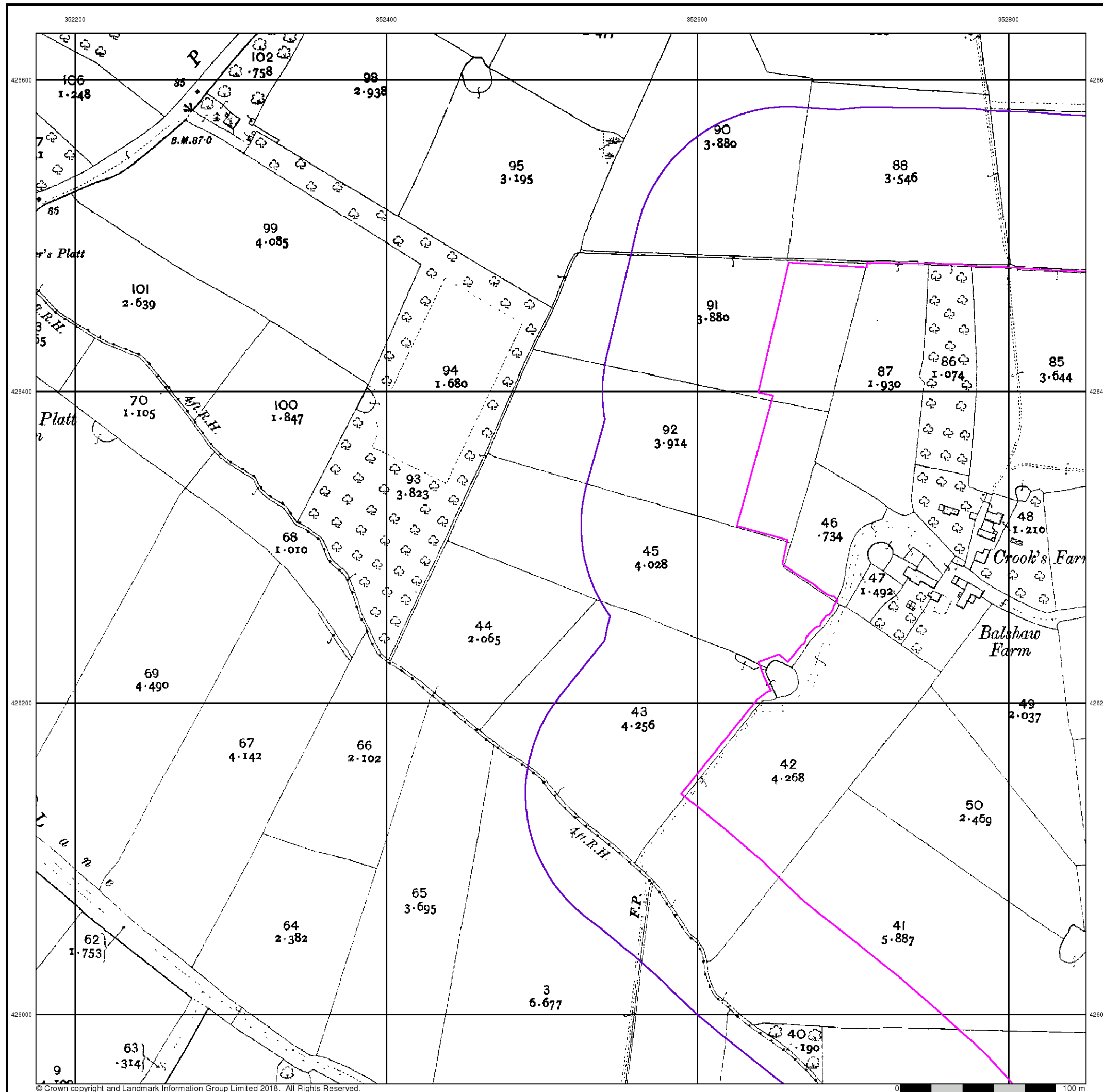
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





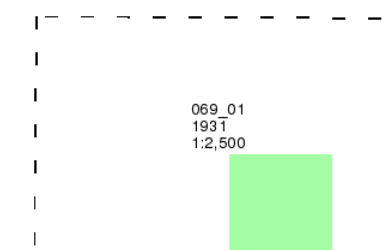
Lancashire And Furness

Published 1931

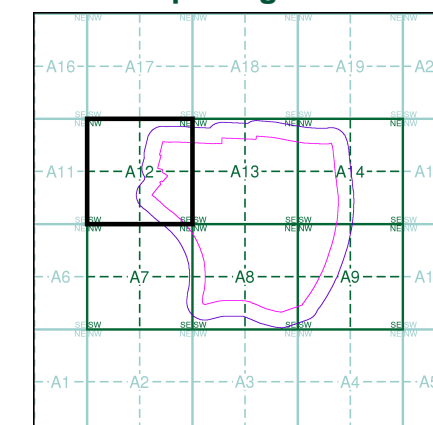
Source map scale - 1:2,500

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 A12



Order Details

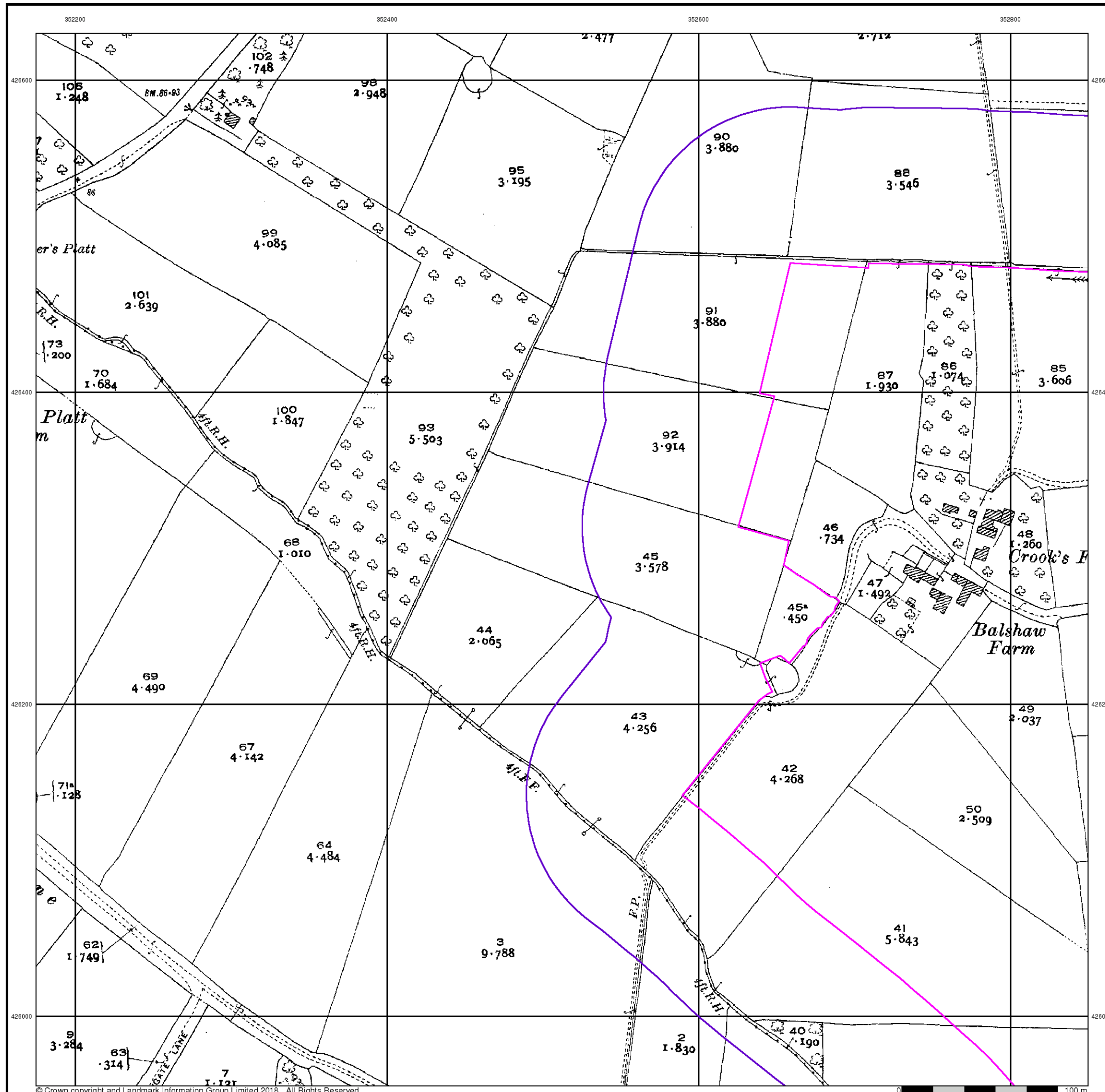
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1957

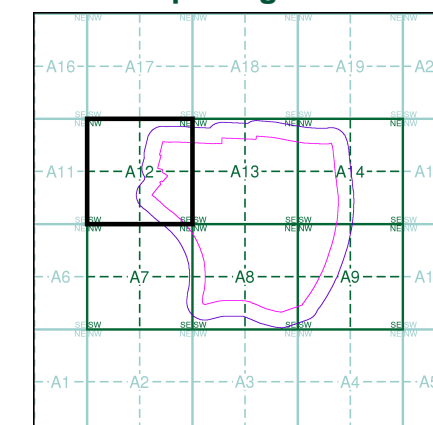
Source map scale - 1:1,250

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)

SD5226NW 1957 1:1,250	SD5226NE 1957 1:1,250
SD5226SW 1957 1:1,250	SD5226SE 1957 1:1,250

Historical Map - Segment A12



Order Details

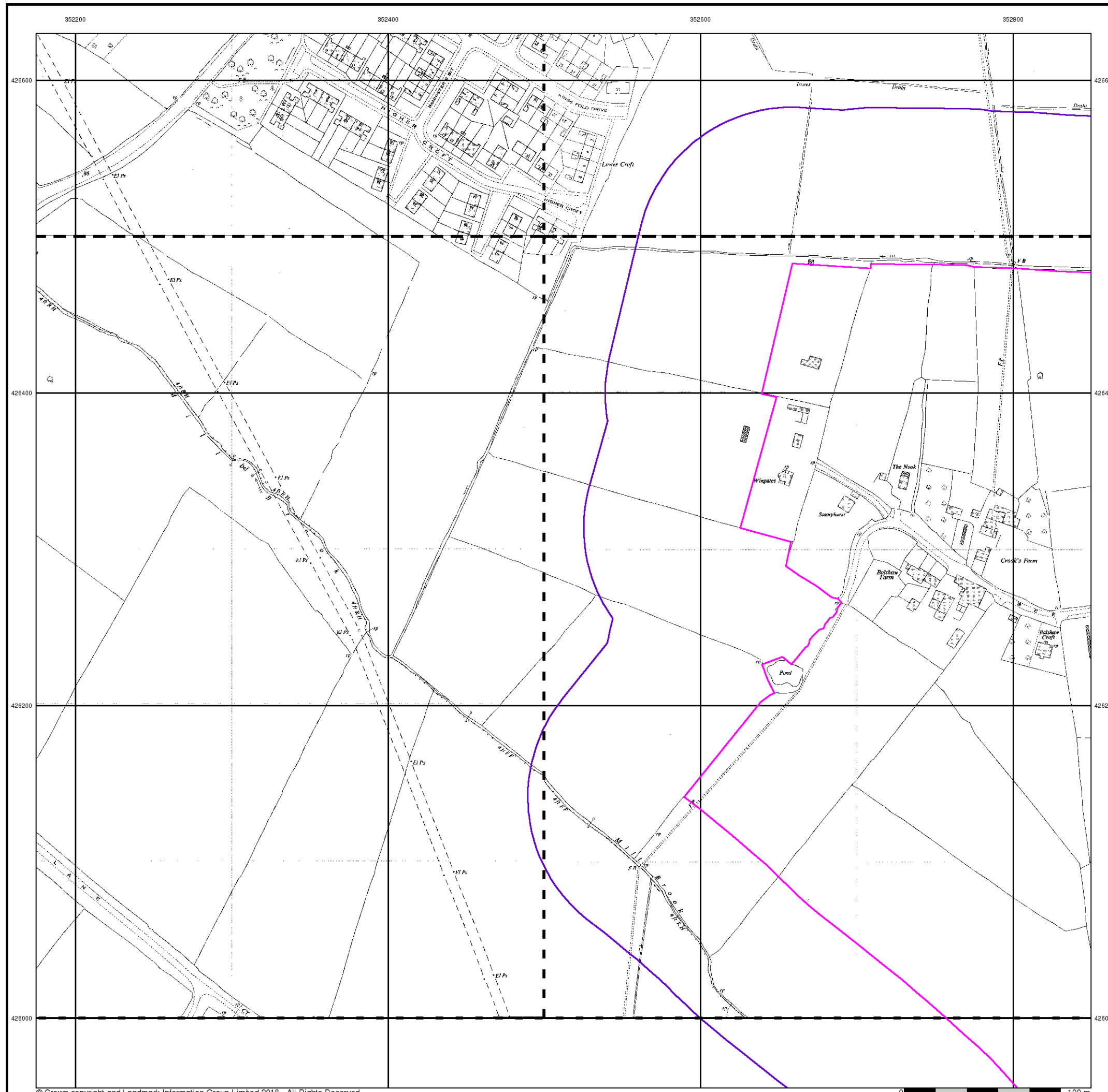
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Additional SIMs

Published 1957 - 1988

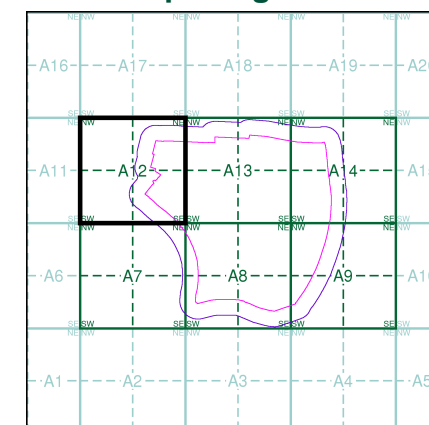
Source map scale - 1:1,250

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)

SD5226NW 1957 1:1,250	SD5226NE 1979 1:1,250
SD5226SW 1988 1:1,250	SD5226SE 1988 1:1,250

Historical Map - Segment A12



Order Details

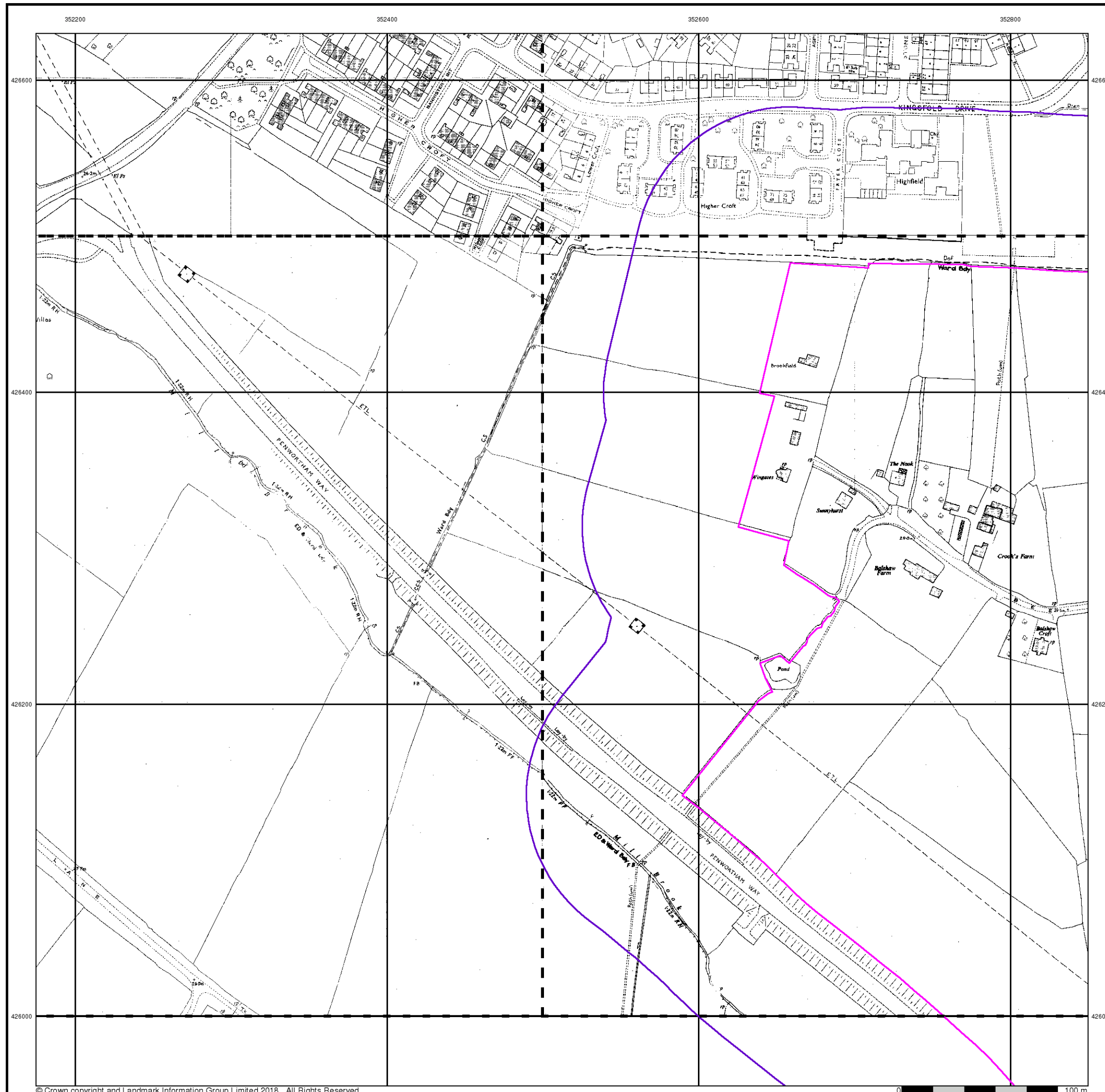
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
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Ordnance Survey Plan

Published 1960 - 1963

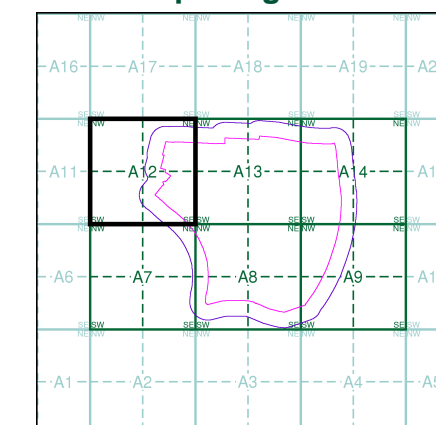
Source map scale - 1:2,500

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)

SD5226
1960
1:2,500
SD5225
1963
1:2,500

Historical Map - Segment A12



Order Details

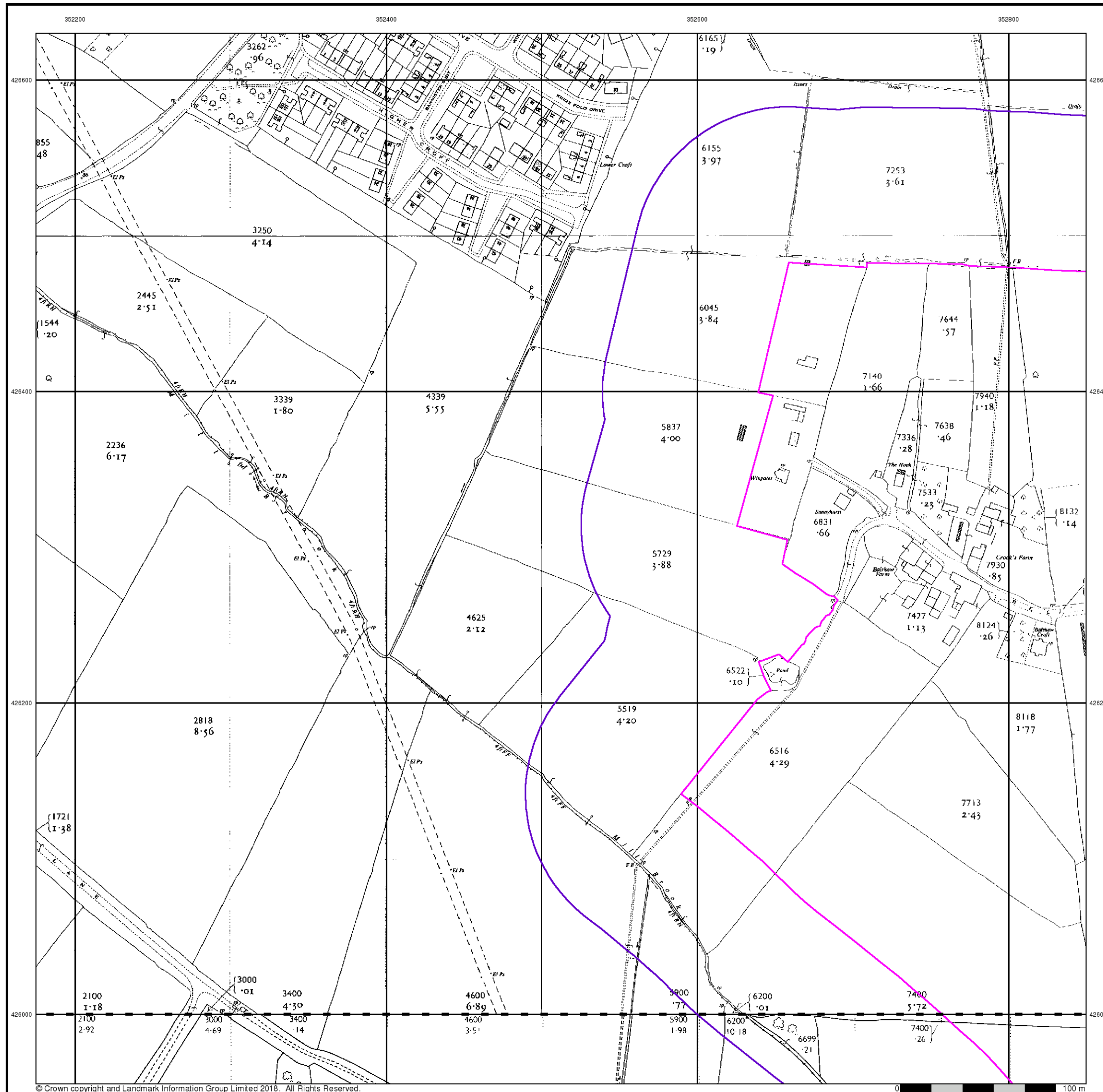
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Ordnance Survey Plan

Published 1964 - 1988

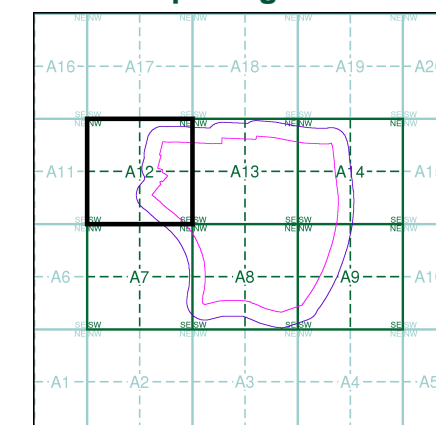
Source map scale - 1:1,250

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)

SD5226NW 1988 1:1,250	SD5226NE 1964 1:1,250
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Historical Map - Segment A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

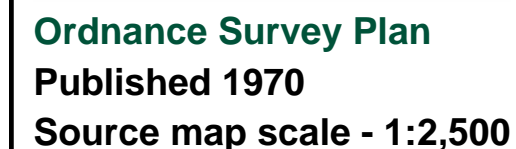
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

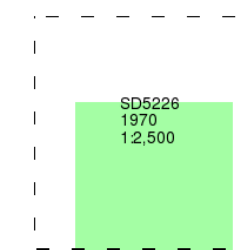
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



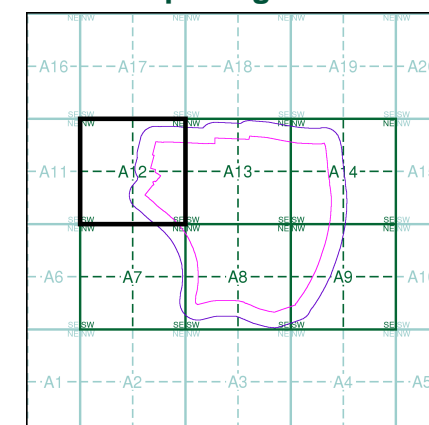


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

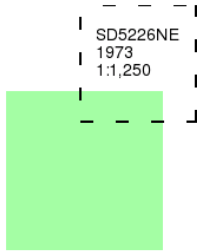
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



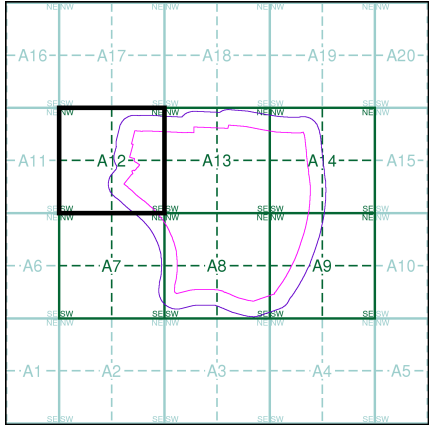
Ordnance Survey Plan
Published 1973
Source map scale - 1:1,250

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 A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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Additional SIMs

Published 1981 - 1990

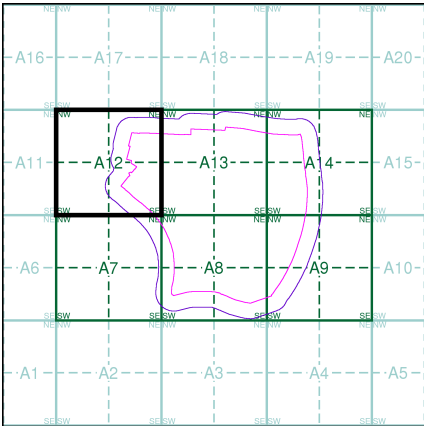
Source map scale - 1:1,250

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)

SD5226NW	SD5226NE
1981	1990
1:1,250	1:1,250

Historical Map - Segment A12



Order Details

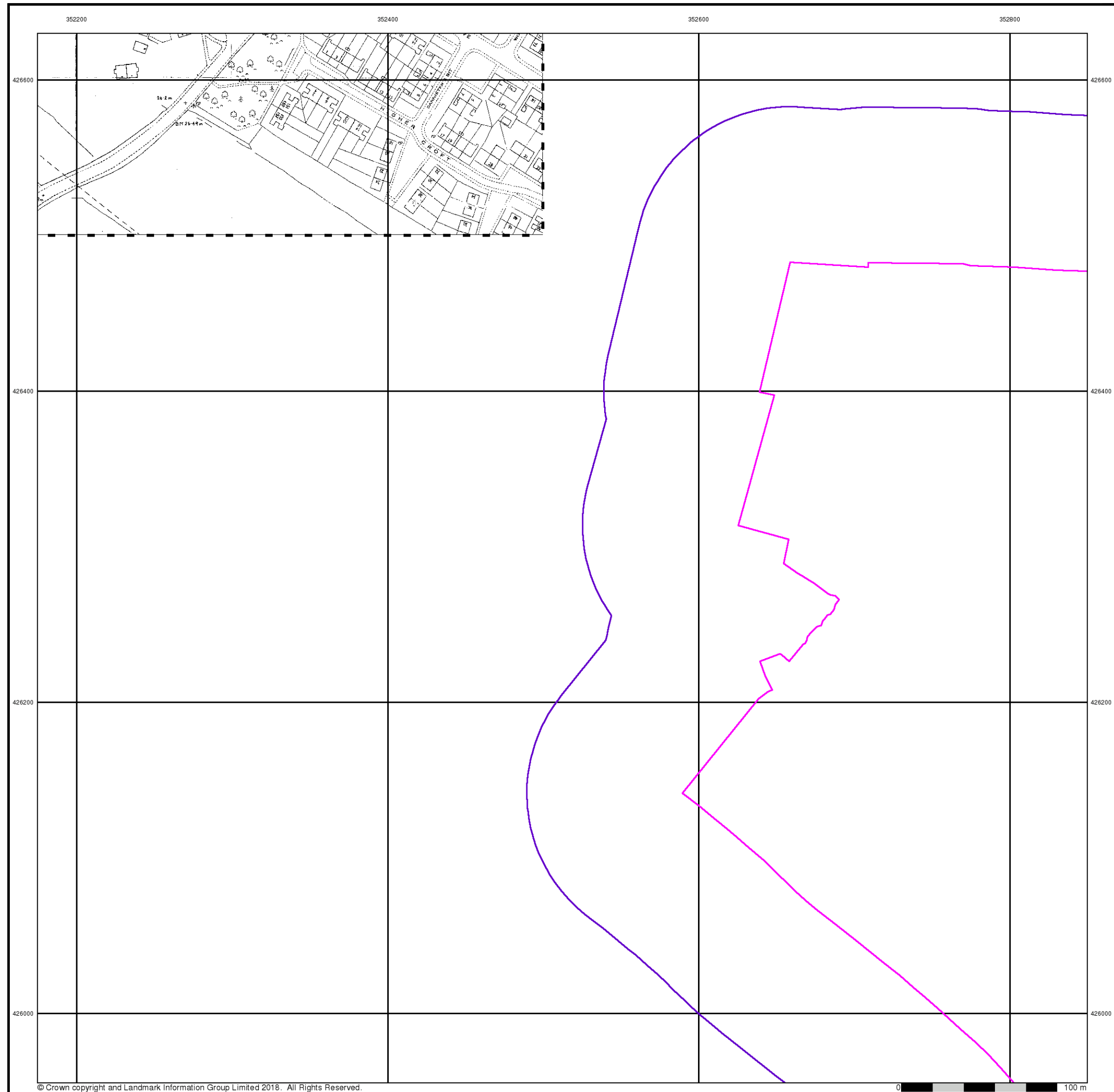
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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0 100 m



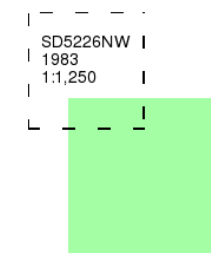
Additional SIMs

Published 1983

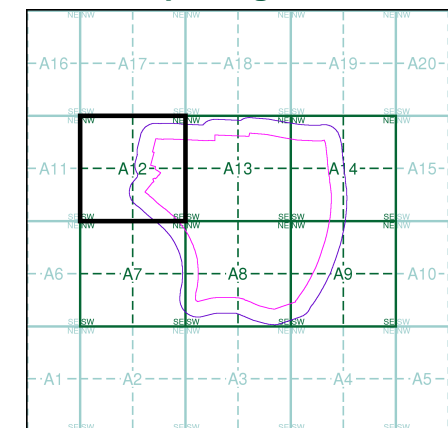
Source map scale - 1:1,250

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 A12



Order Details

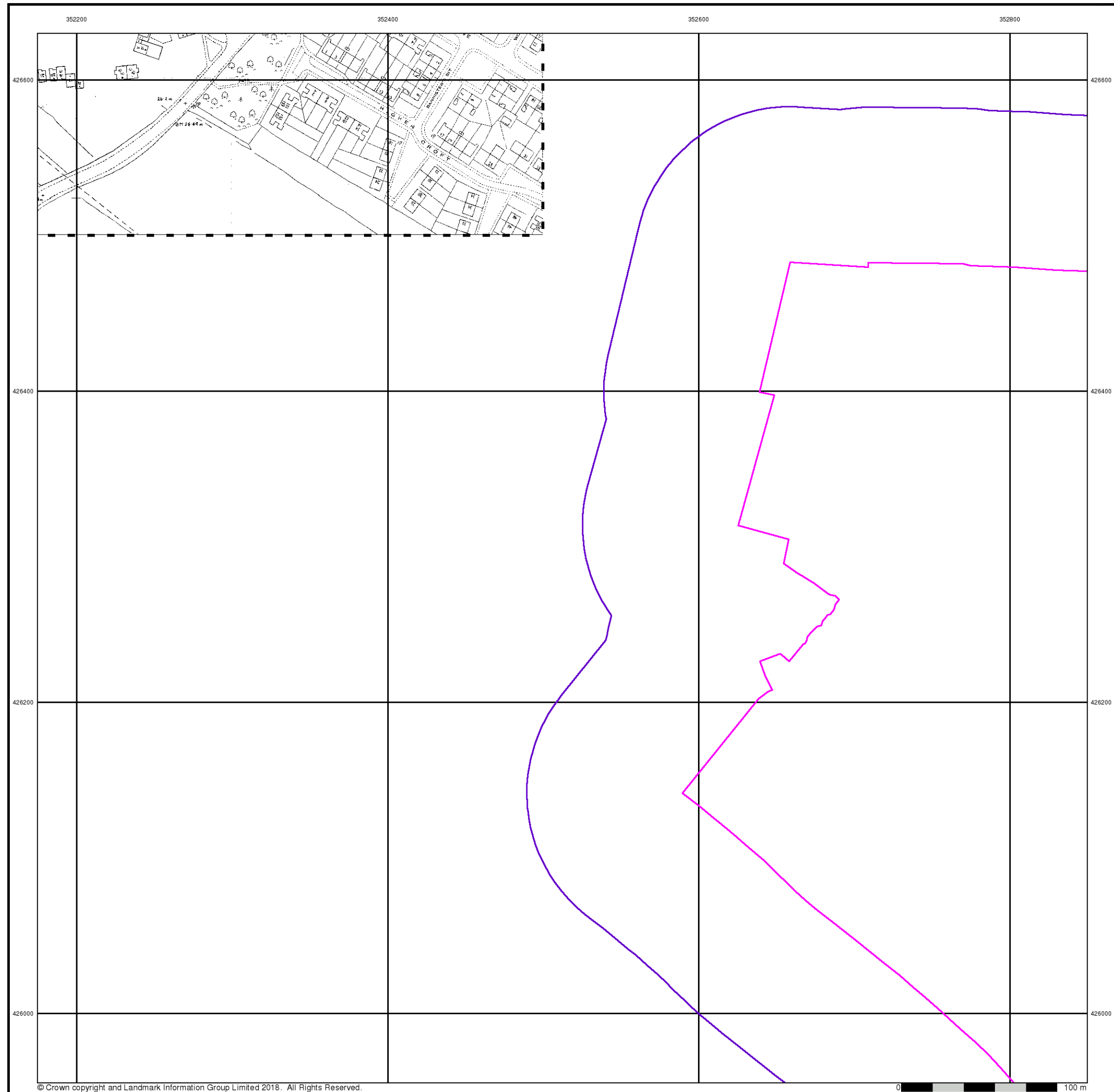
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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0 100 m



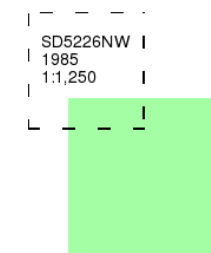
Additional SIMs

Published 1985

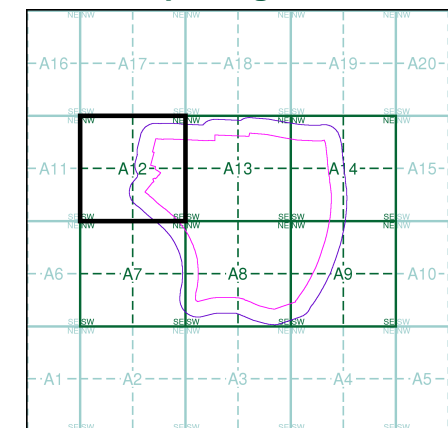
Source map scale - 1:1,250

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 A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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0 100 m



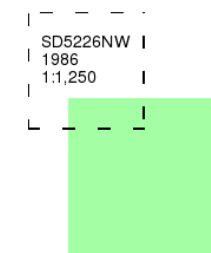
Additional SIMs

Published 1986

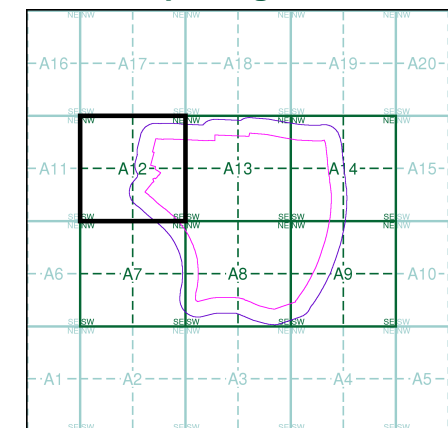
Source map scale - 1:1,250

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 A12



Order Details

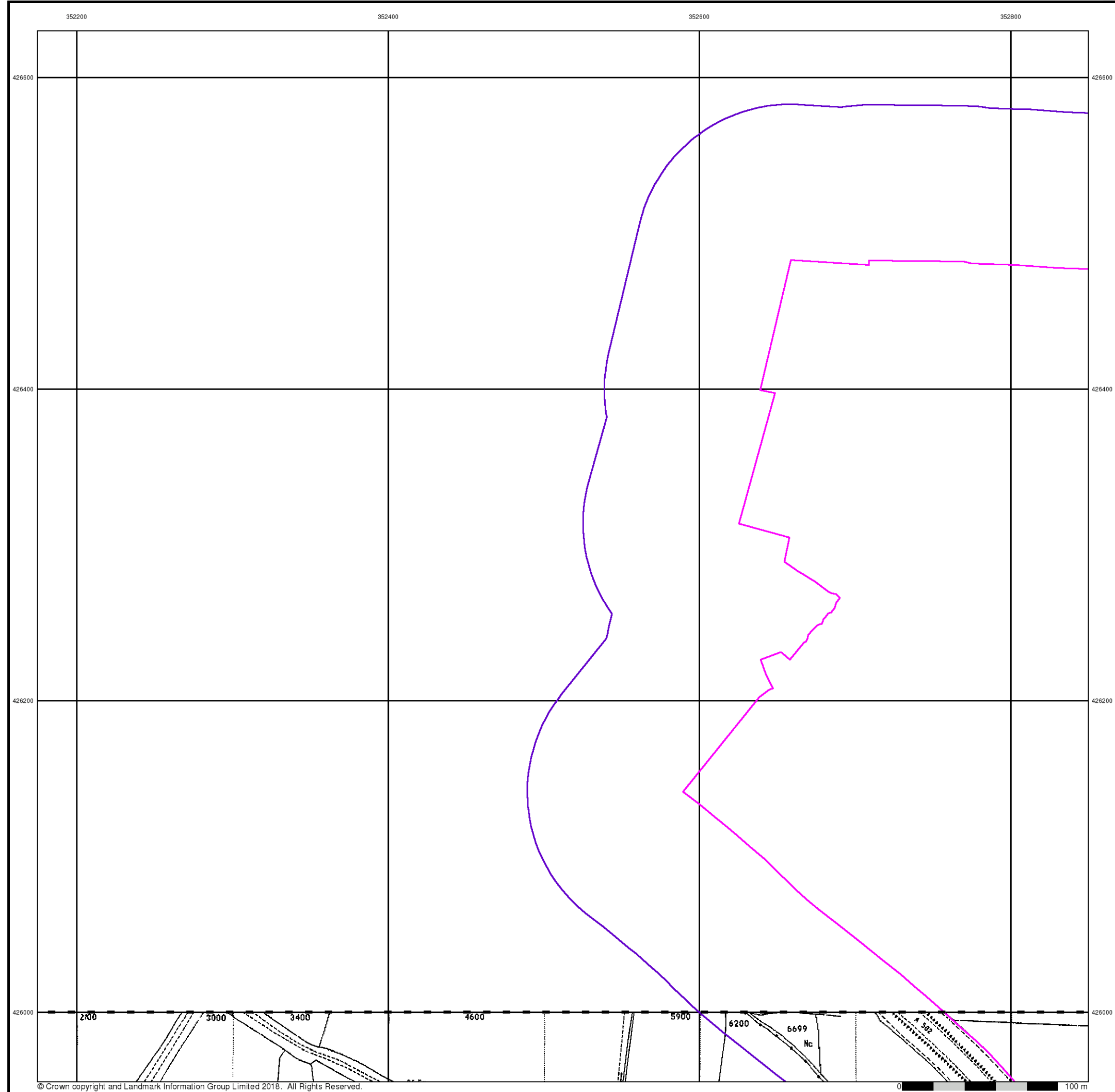
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Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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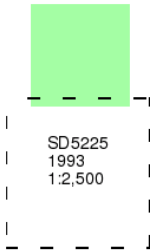
Large-Scale National Grid Data

Published 1993

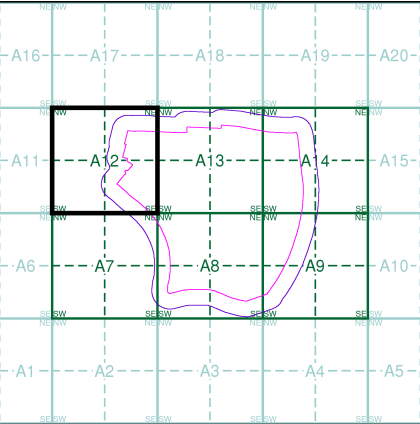
Source map scale - 1:2,500

'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 A12



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

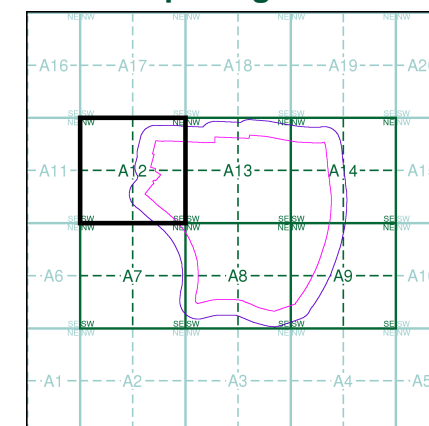
Source map scale - 1:1,250

'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)

SD5226NW 1993 1:1,250	SD5226NE 1993 1:1,250
SD5226SW 1993 1:1,250	SD5226SE 1993 1:1,250

Historical Map - Segment A12



Order Details

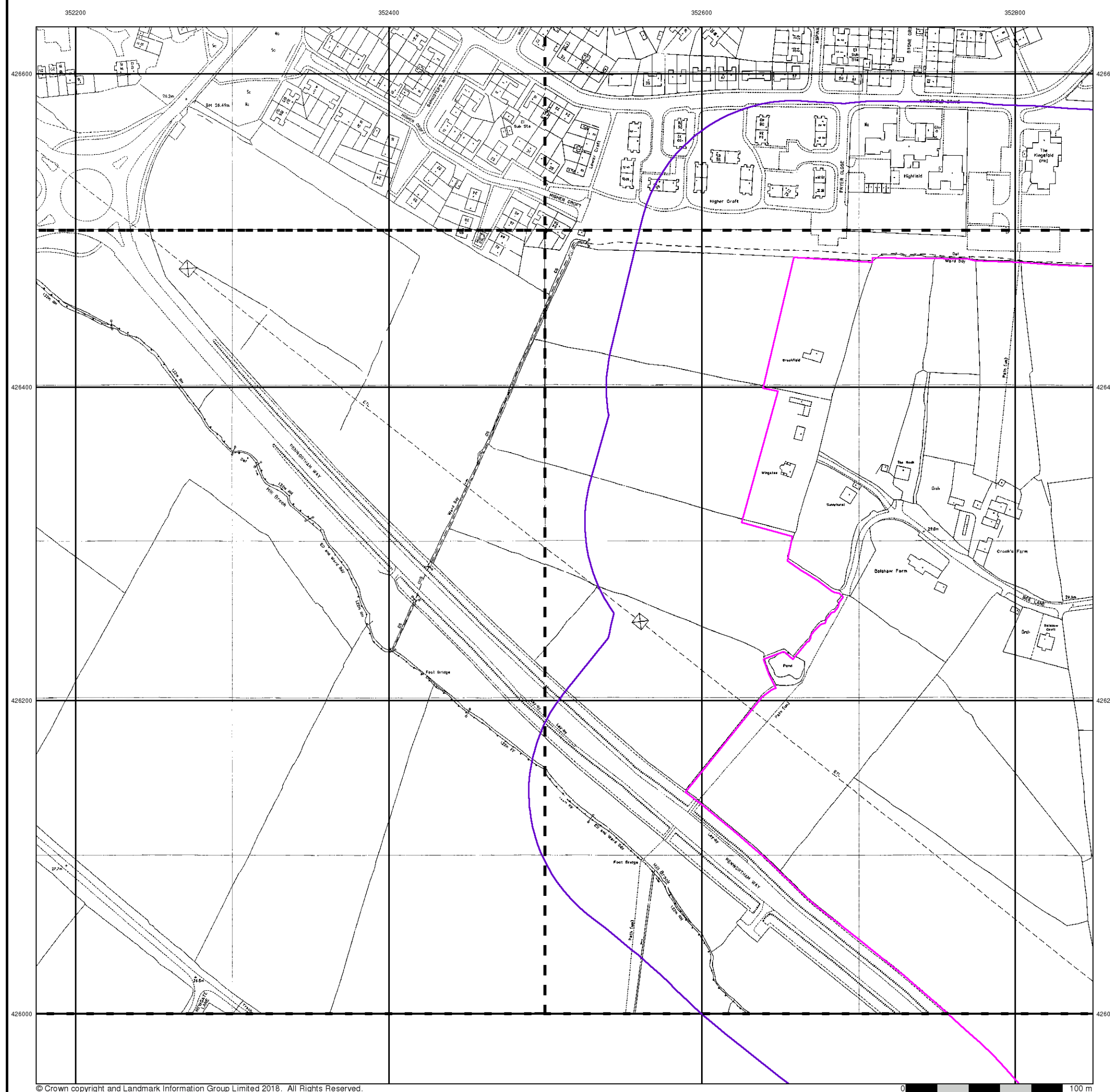
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

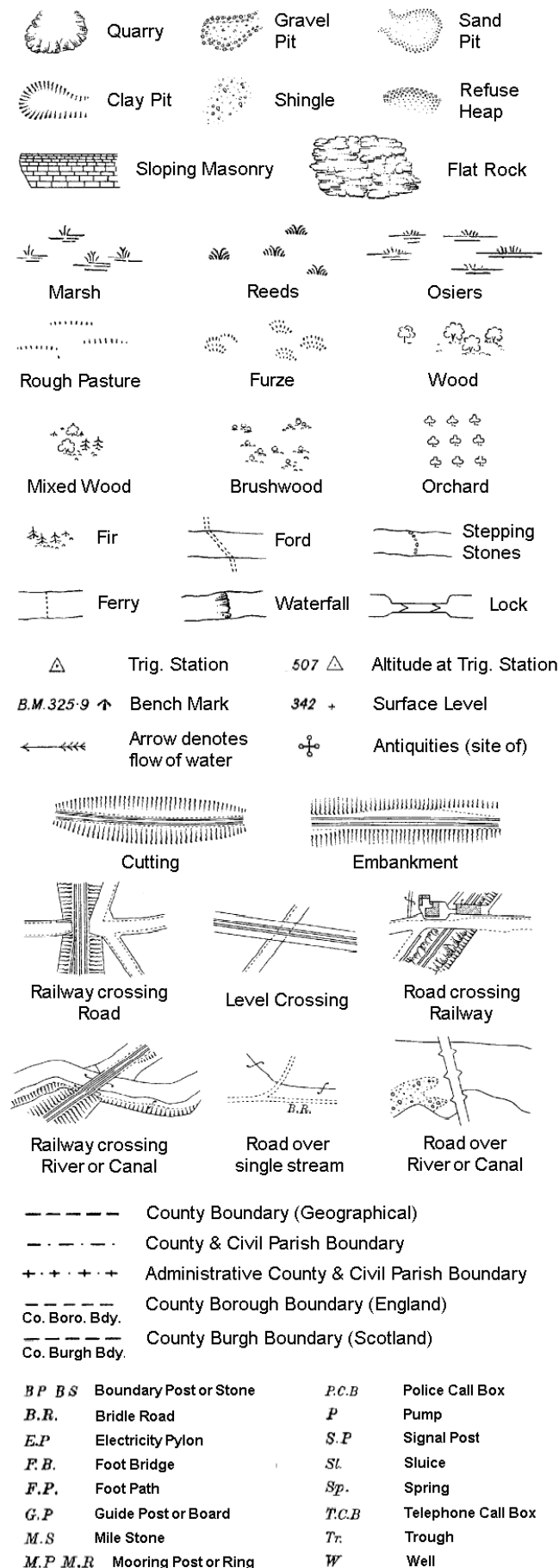
Landmark
INFORMATION GROUP

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Historical Mapping Legends

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



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



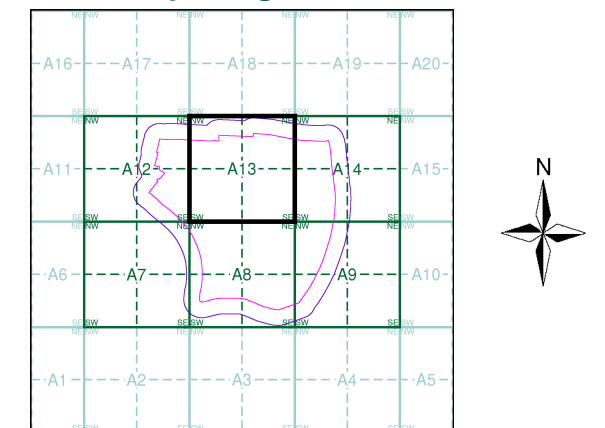
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:1,250	1957 - 1963	6
Additional SIMs	1:1,250	1958 - 1988	7
Ordnance Survey Plan	1:2,500	1960 - 1963	8
Ordnance Survey Plan	1:1,250	1964	9
Ordnance Survey Plan	1:2,500	1970	10
Ordnance Survey Plan	1:1,250	1973 - 1976	11
Additional SIMs	1:1,250	1979 - 1990	12
Additional SIMs	1:1,250	1983 - 1990	13
Additional SIMs	1:1,250	1984	14
Additional SIMs	1:1,250	1988	15
Ordnance Survey Plan	1:1,250	1991	16
Large-Scale National Grid Data	1:1,250	1993	17
Large-Scale National Grid Data	1:2,500	1993	18
Large-Scale National Grid Data	1:1,250	1995	19

Historical Map - Segment A13



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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



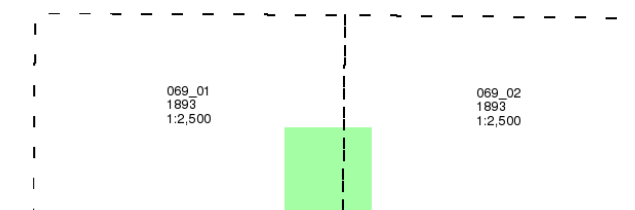
Lancashire And Furness

Published 1893

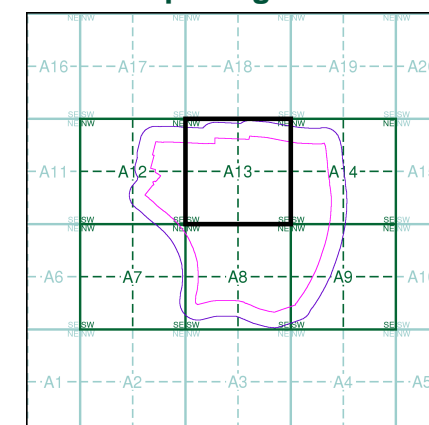
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

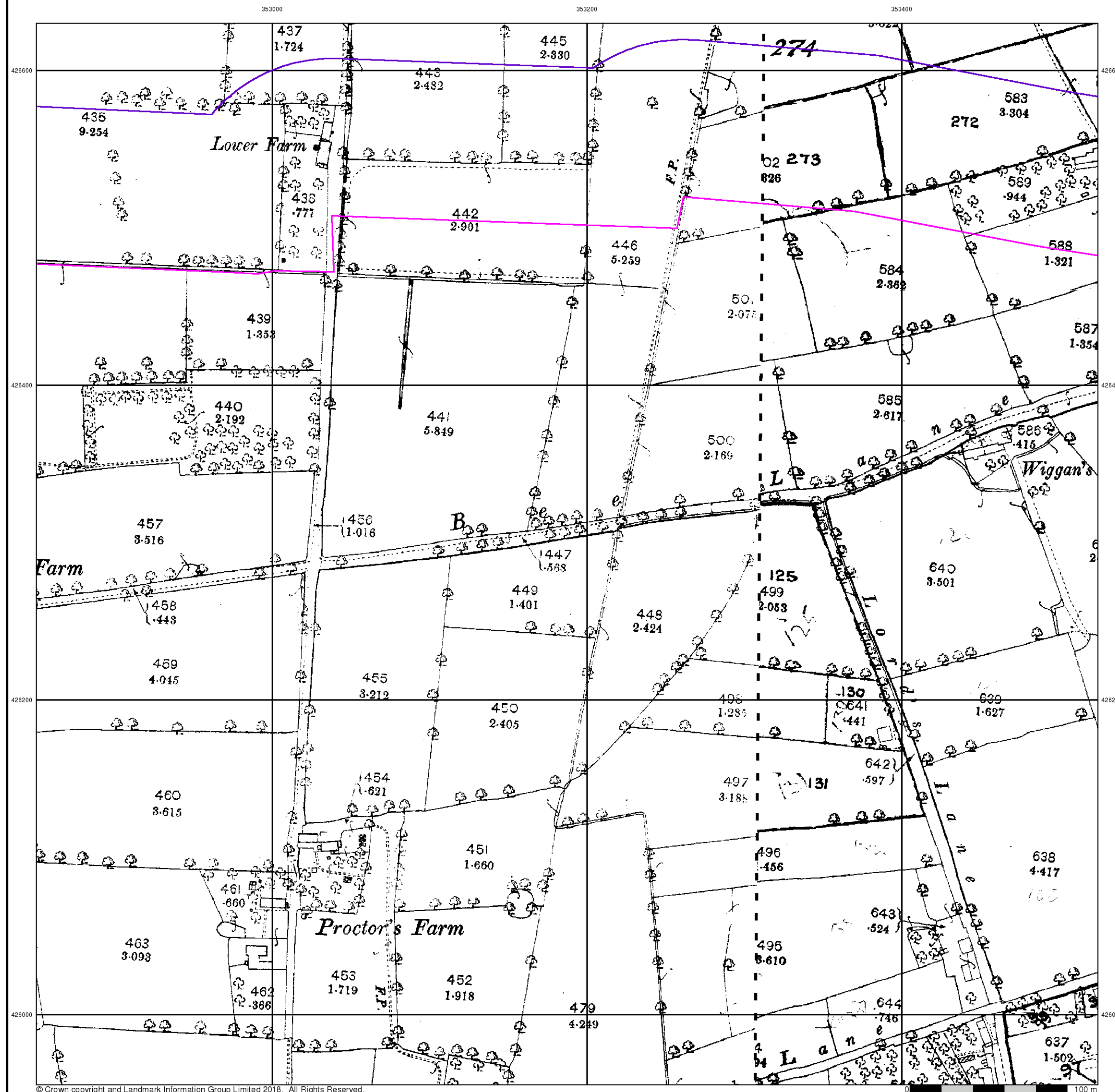
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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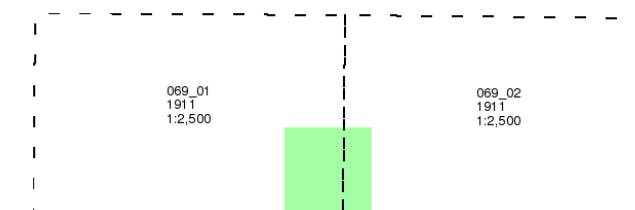
Lancashire And Furness

Published 1911

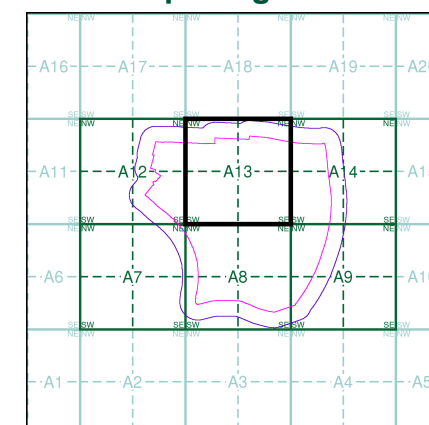
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

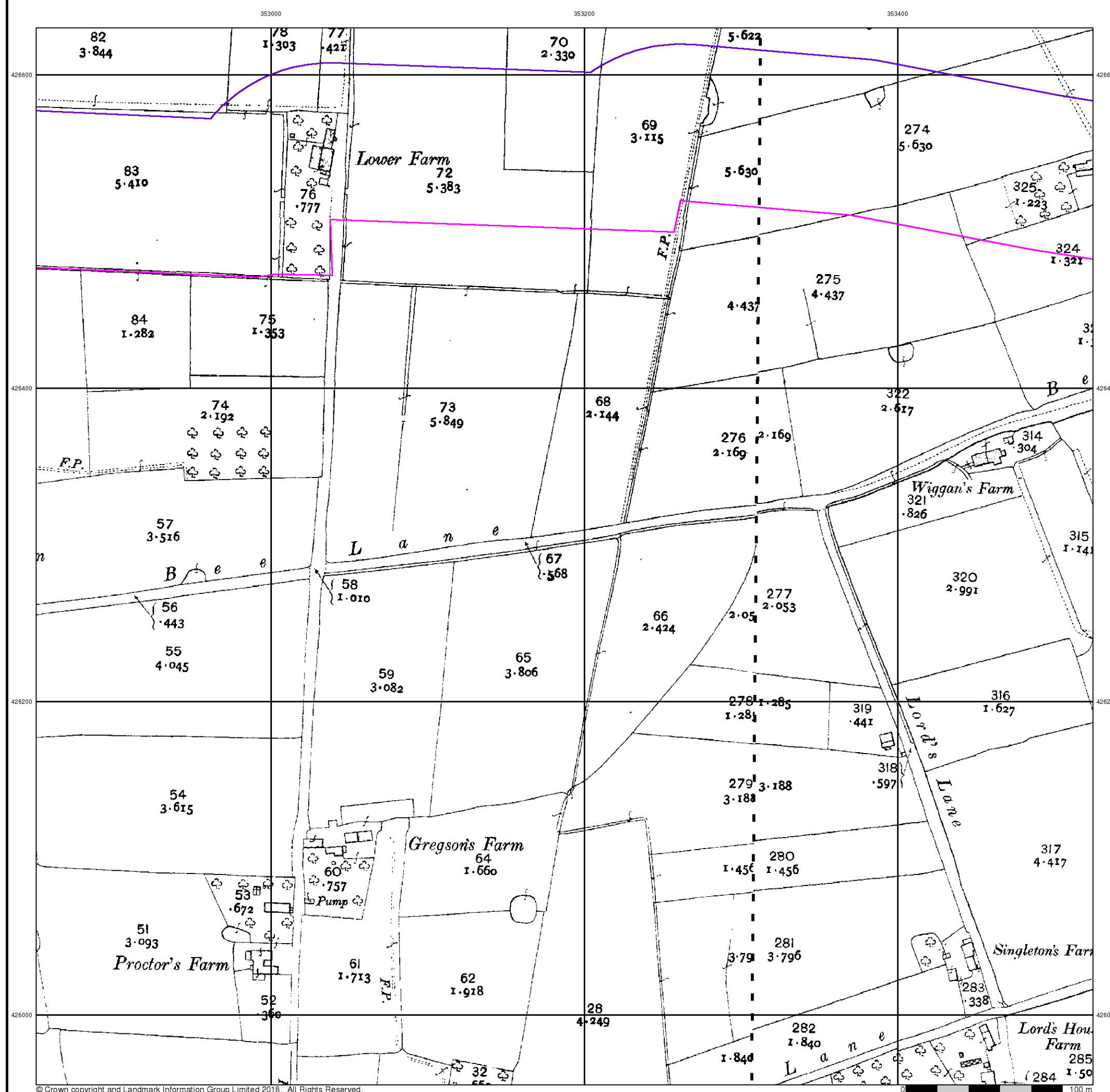
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
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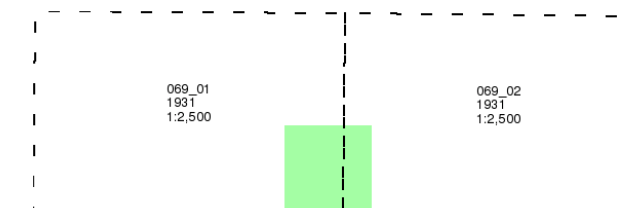
Lancashire And Furness

Published 1931

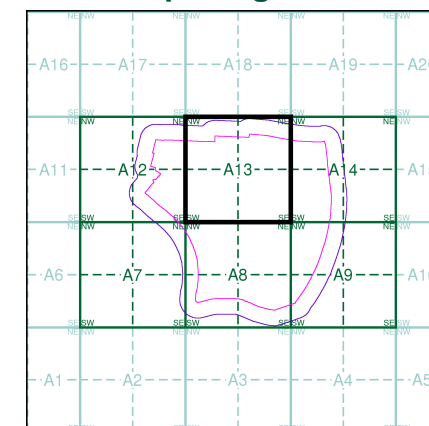
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

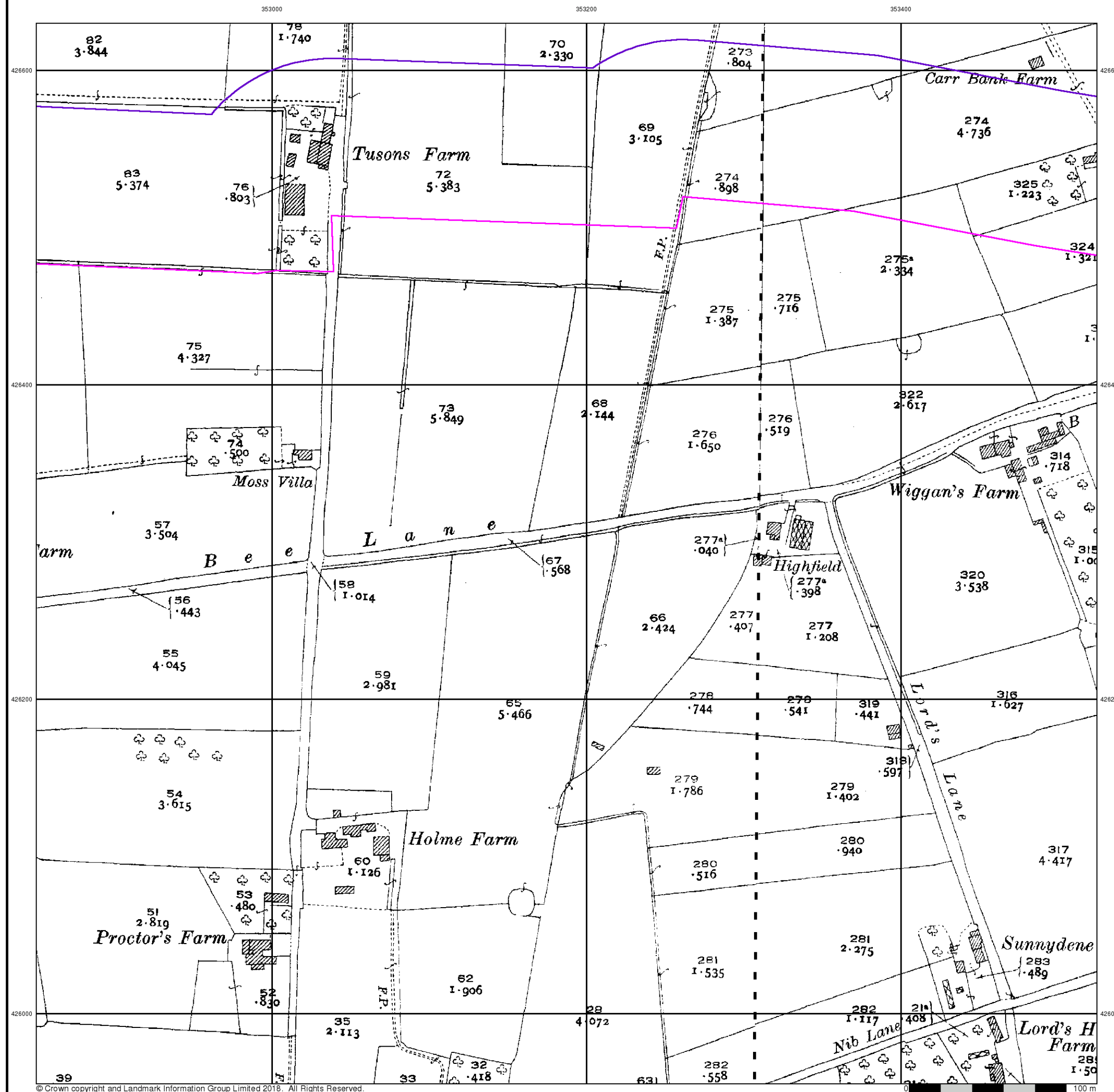
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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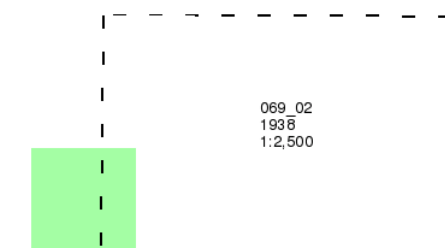
Lancashire And Furness

Published 1938

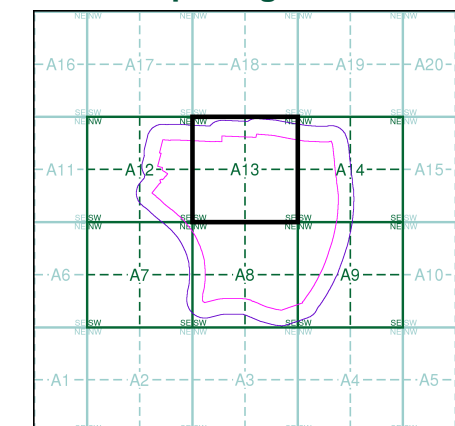
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

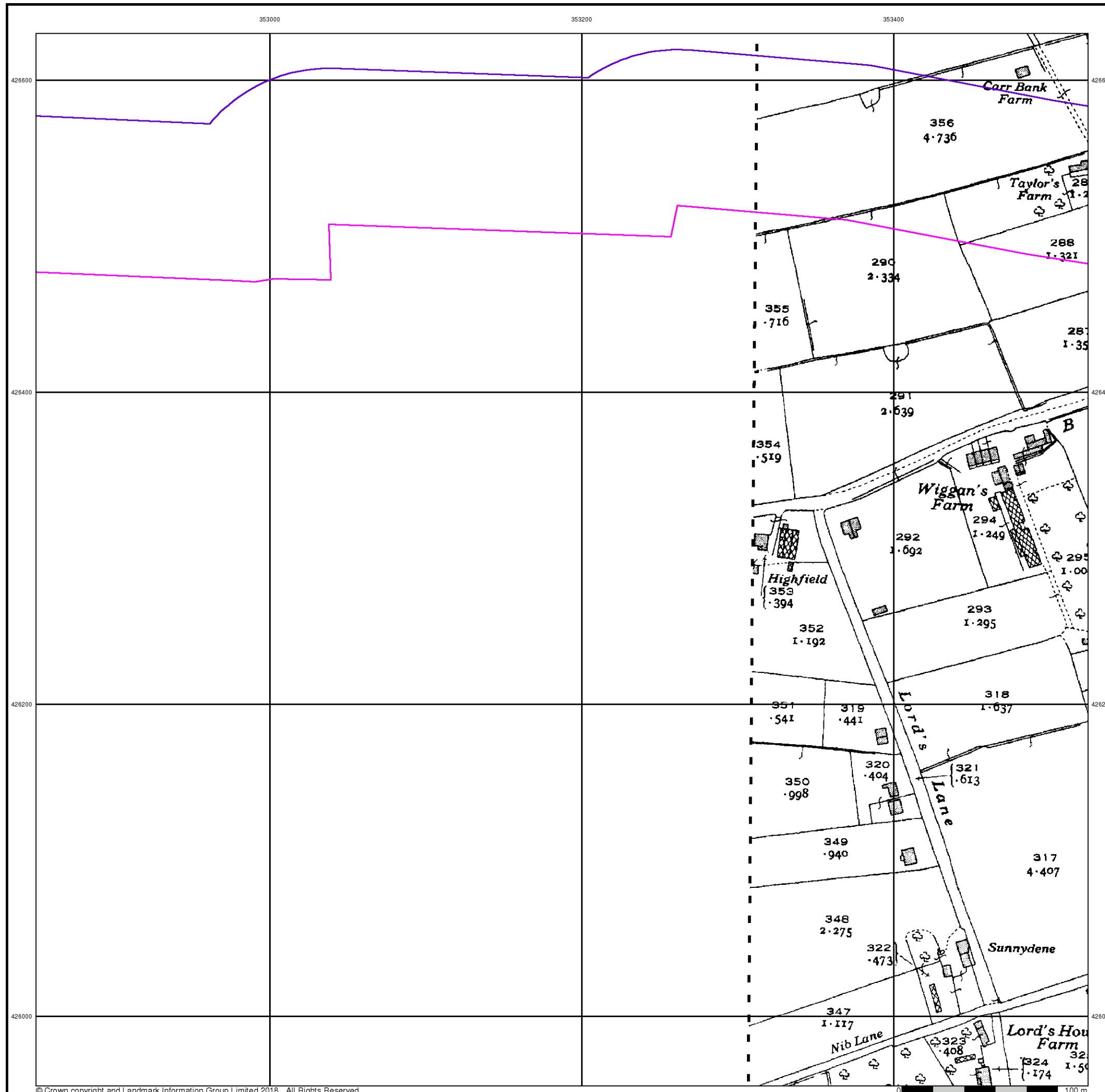
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
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Site Area (Ha): 99.74
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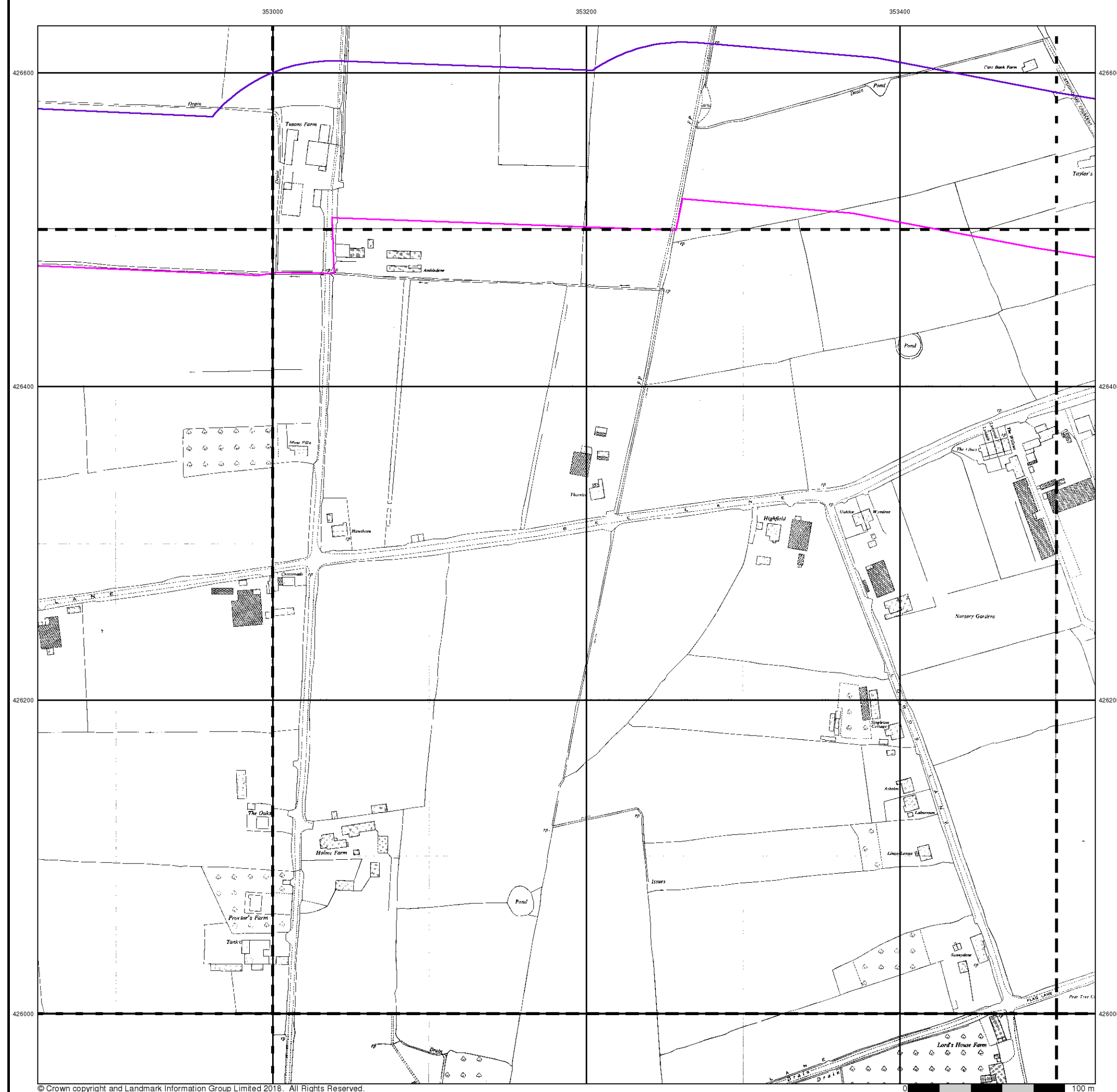
Site Details

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Ordnance Survey Plan

Published 1957 - 1963

Source map scale - 1:1,250

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.

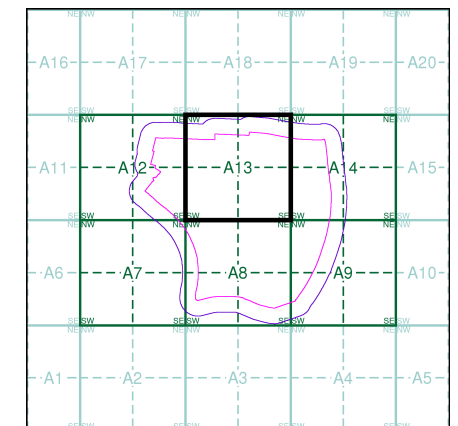
Map Name(s) and Date(s)

SD5226NE SD5326NW SD5326NE
1957 958 958
1:1,250 1:1,250 1:1,250

SD5226SE SD5326SW SD5326SE
1957 958 958
1:1,250 1:1,250 1:1,250

SD5325NW SD5325NE
1963 1963
1:1,250 1:1,250

Historical Map - Segment A13



Order Details

Order Number:	176066506_1_1
Customer Ref:	3861
National Grid Reference:	353230, 426020
Slice:	A
Site Area (Ha):	99.74
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1960 - 1963

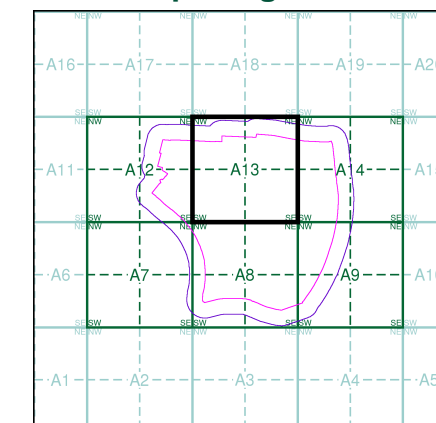
Source map scale - 1:2,500

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)

SD5226 1960 1:2,500	SD5326 1960 1:2,500
SD5225 1963 1:2,500	SD5325 1963 1:2,500

Historical Map - Segment A13



Order Details

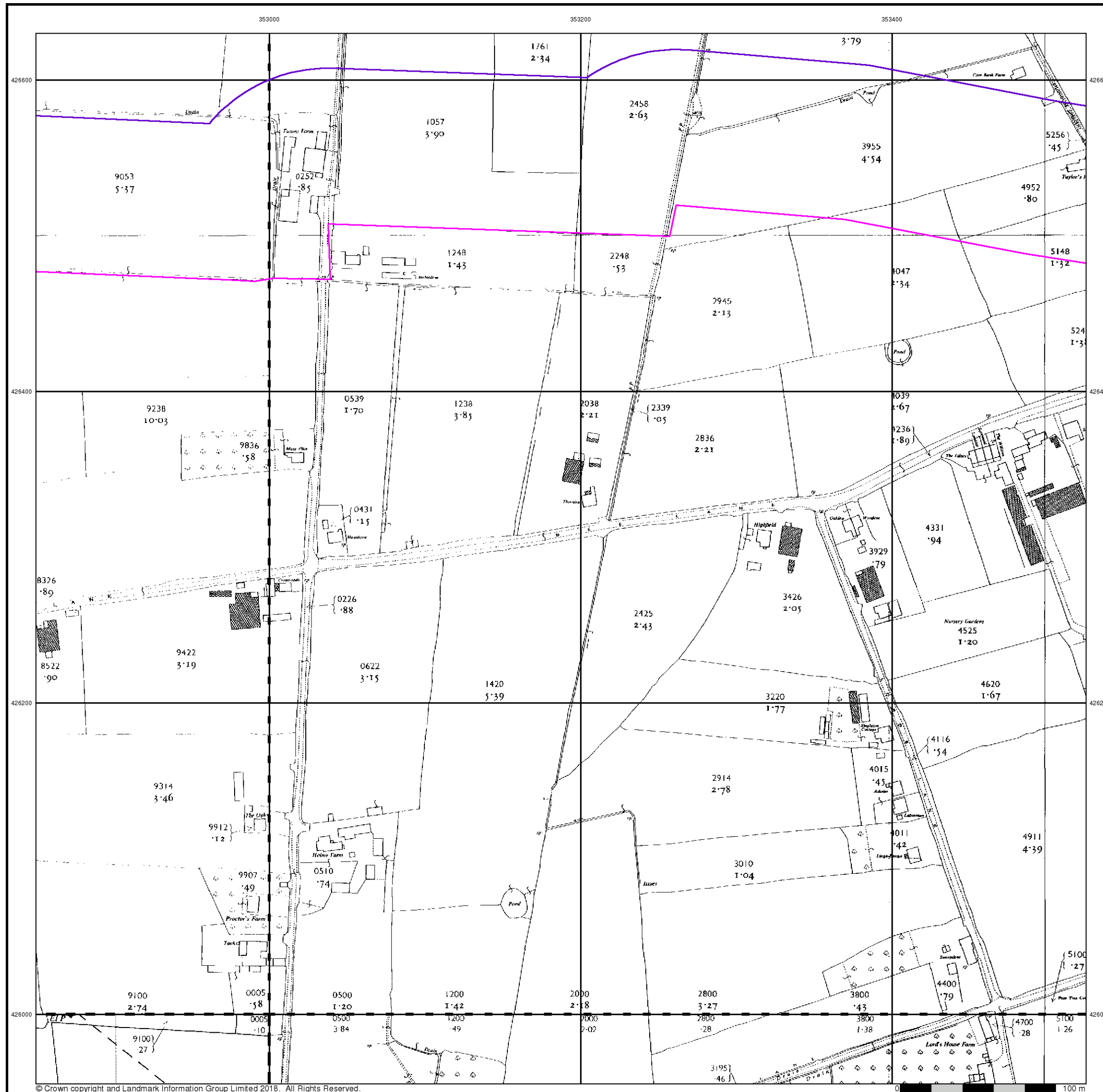
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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Ordnance Survey Plan

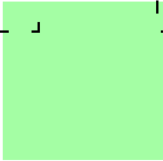
Published 1964

Source map scale - 1:1,250

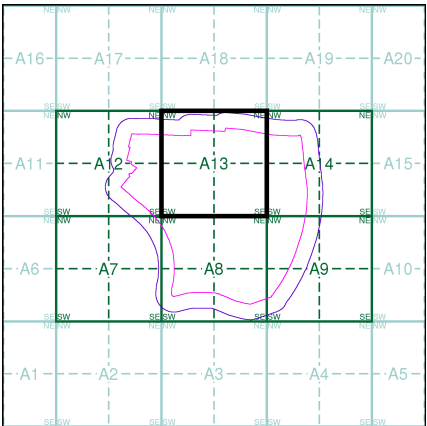
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)

SD5226NE	SD5326NE
1964	1964
1:1,250	1:1,250



Historical Map - Segment A13



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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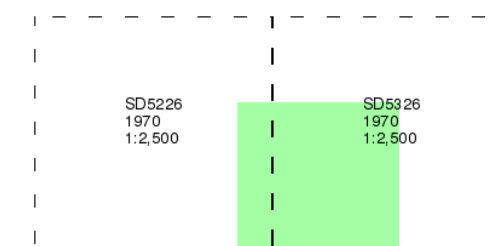
Ordnance Survey Plan

Published 1970

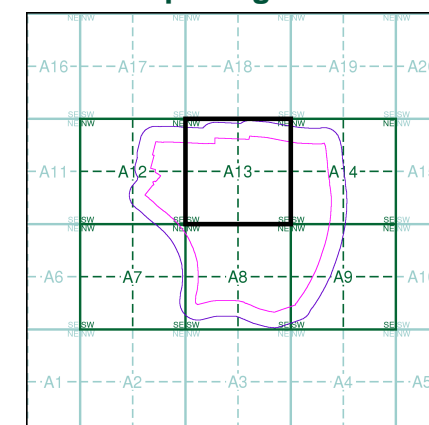
Source map scale - 1:2,500

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 A13



Order Details

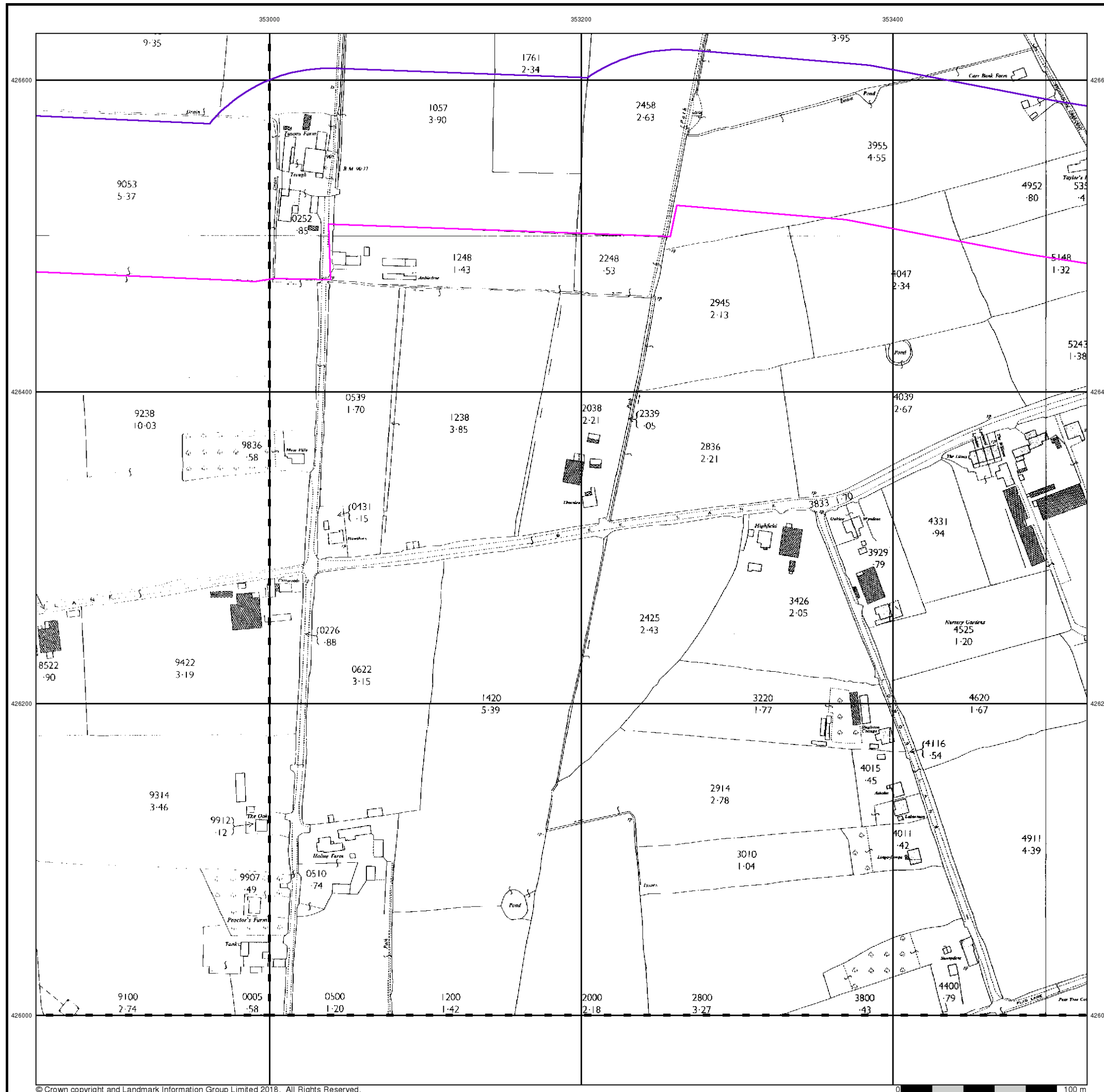
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1973 - 1976

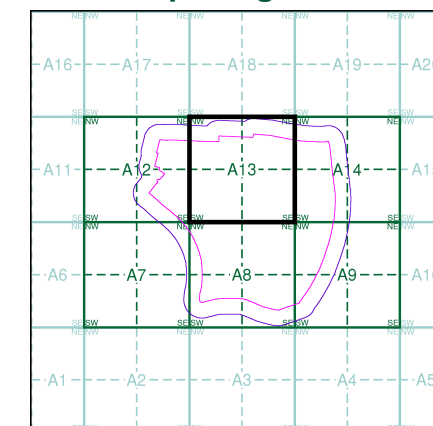
Source map scale - 1:1,250

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)

SD5226NE 1973 1:1,250	SD5326NW 1976 1:1,250	SD5326NE 1974 1:1,250
-----------------------------	-----------------------------	-----------------------------

Historical Map - Segment A13



Order Details

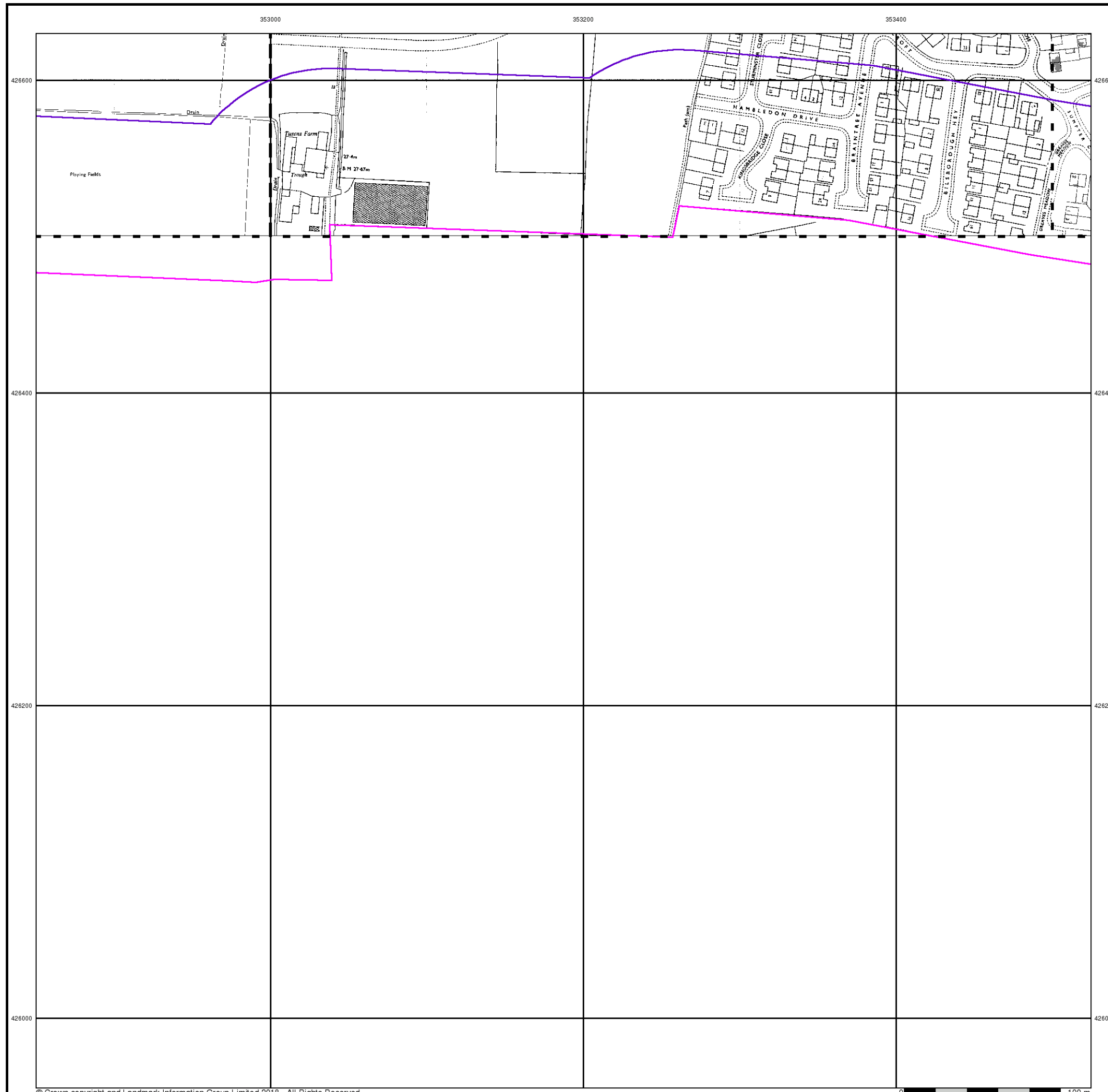
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1979 - 1990

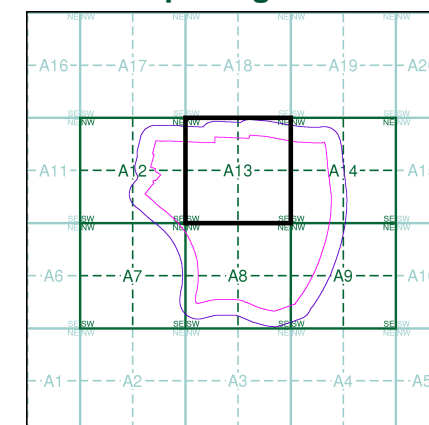
Source map scale - 1:1,250

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)

SD5228NE	SD5326NW	SD5326NE
1990	1979	1990
1:1,250	1:1,250	1:1,250
		SD5326SE
		1982
		1:1,250
		SD5325NE
		1985
		1:1,250

Historical Map - Segment A13



Order Details

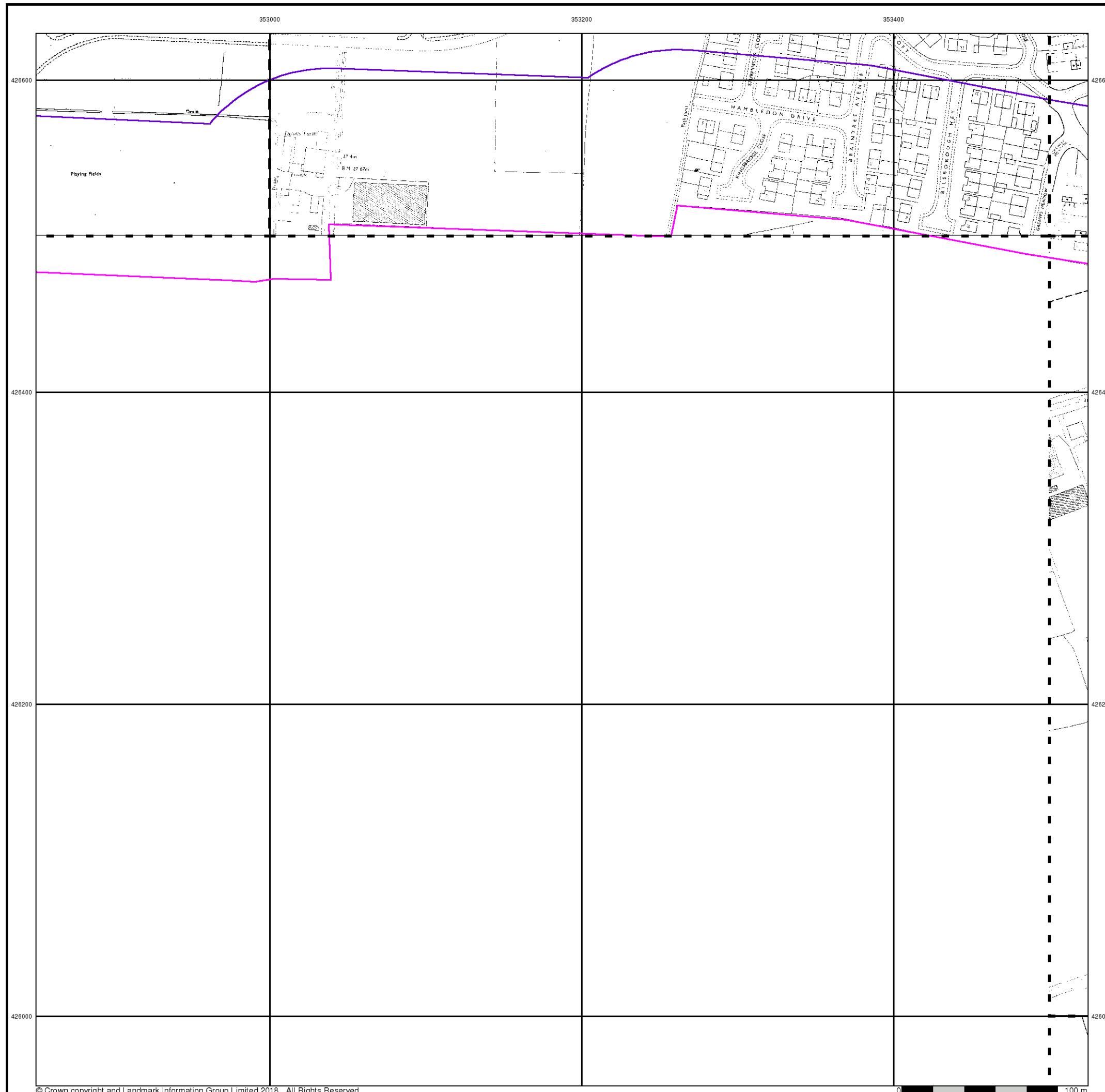
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1983 - 1990

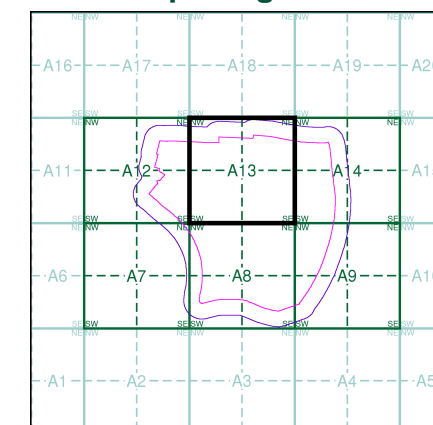
Source map scale - 1:1,250

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)

SD5326NW	1983	1:1,250
SD5326SE	1987	1:1,250
SD5325NE	1990	1:1,250

Historical Map - Segment A13



Order Details

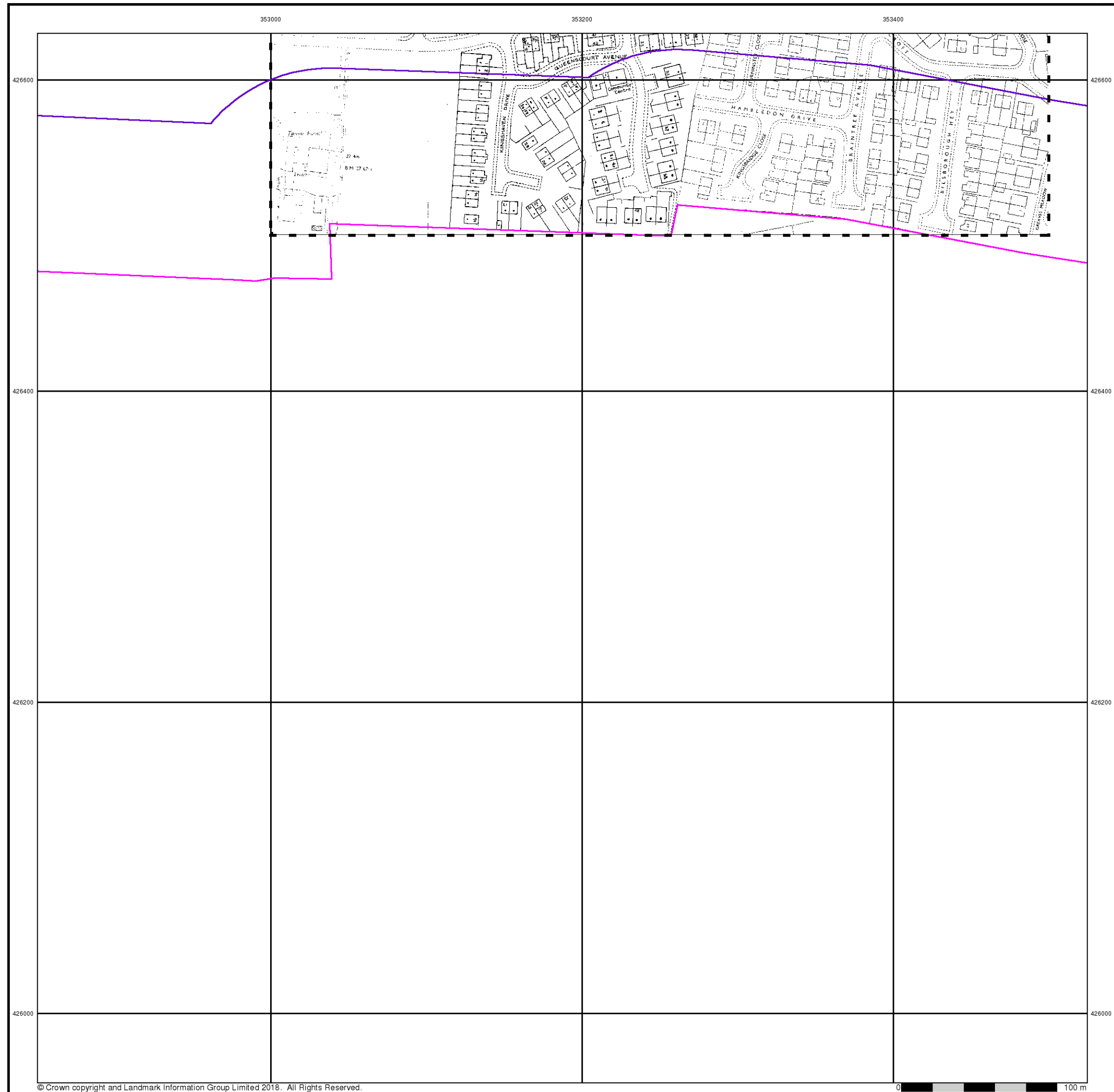
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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0 100 m



Additional SIMs

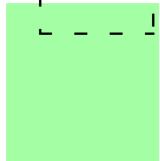
Published 1984

Source map scale - 1:1,250

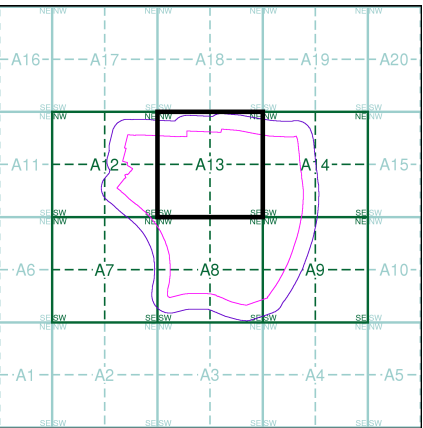
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SD5326NW
1984
1:1,250



Historical Map - Segment A13



Order Details

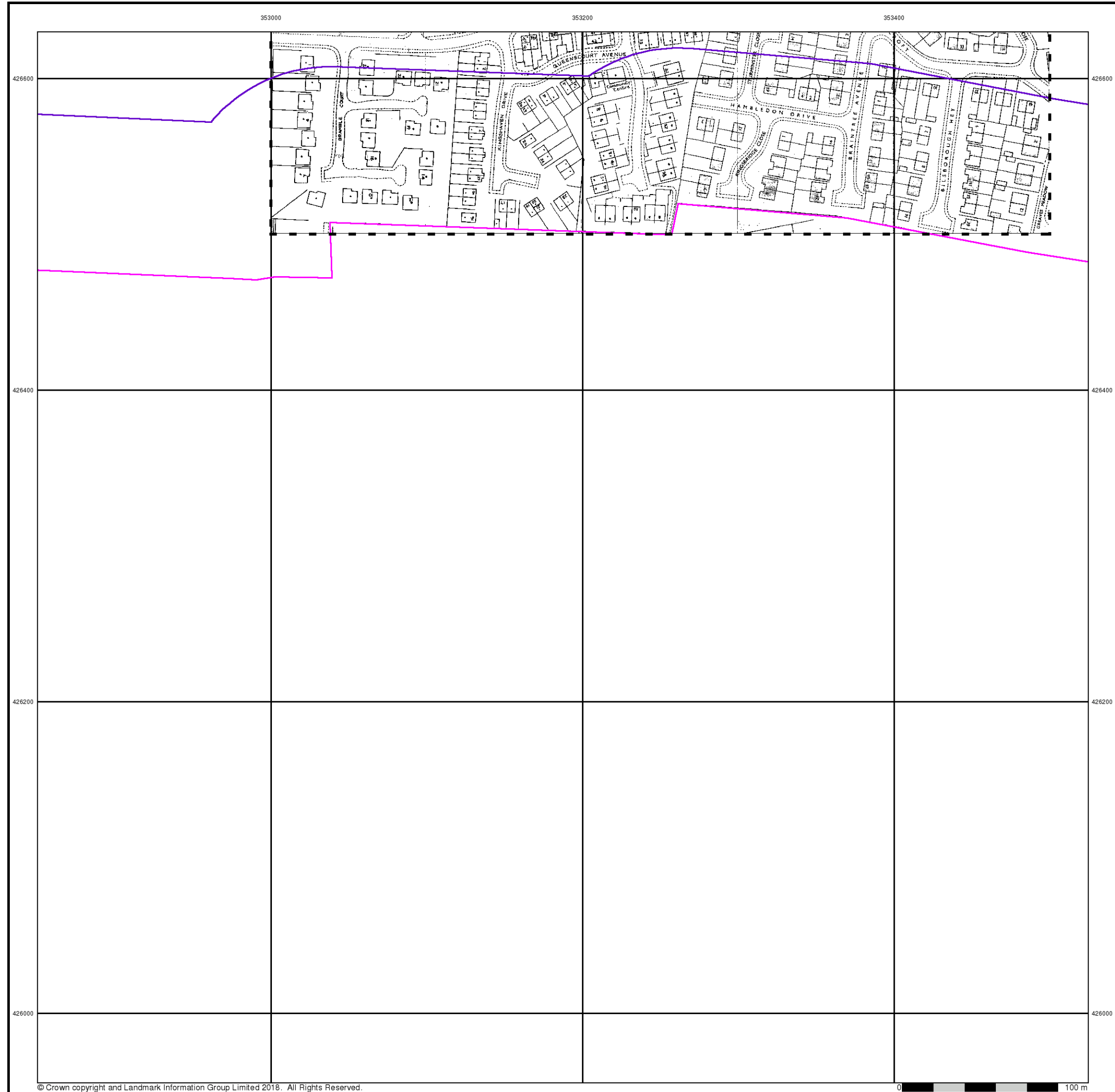
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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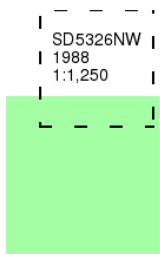
Additional SIMs

Published 1988

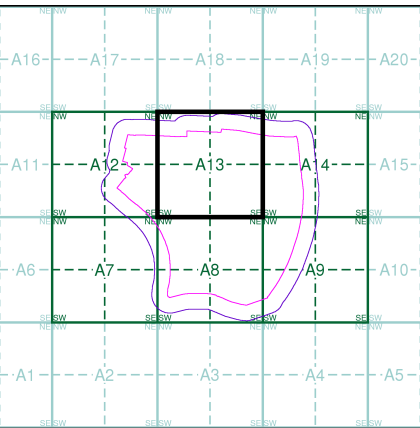
Source map scale - 1:1,250

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 A13



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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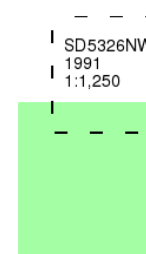
Ordnance Survey Plan

Published 1991

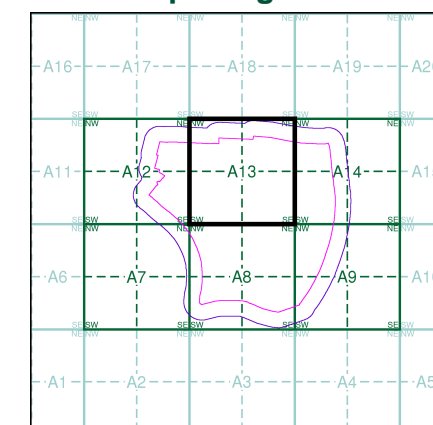
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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Large-Scale National Grid Data

Published 1993

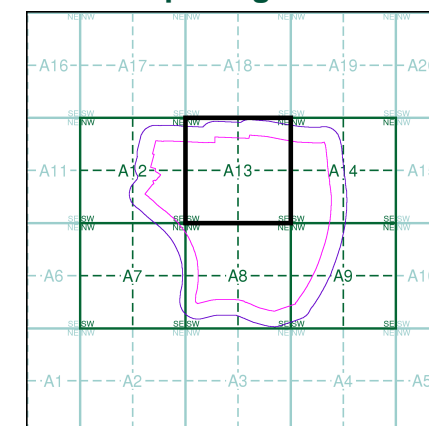
Source map scale - 1:1,250

'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)

SD5226NE	SD5326NW	SD5326NE
1993	1993	1993
1:1,250	1:1,250	1:1,250
SD5226SE	SD5326SW	SD5326SE
1993	1993	1993
1:1,250	1:1,250	1:1,250
SD5325NW	SD5325NE	
1993	1993	
1:1,250	1:1,250	

Historical Map - Segment A13



Order Details

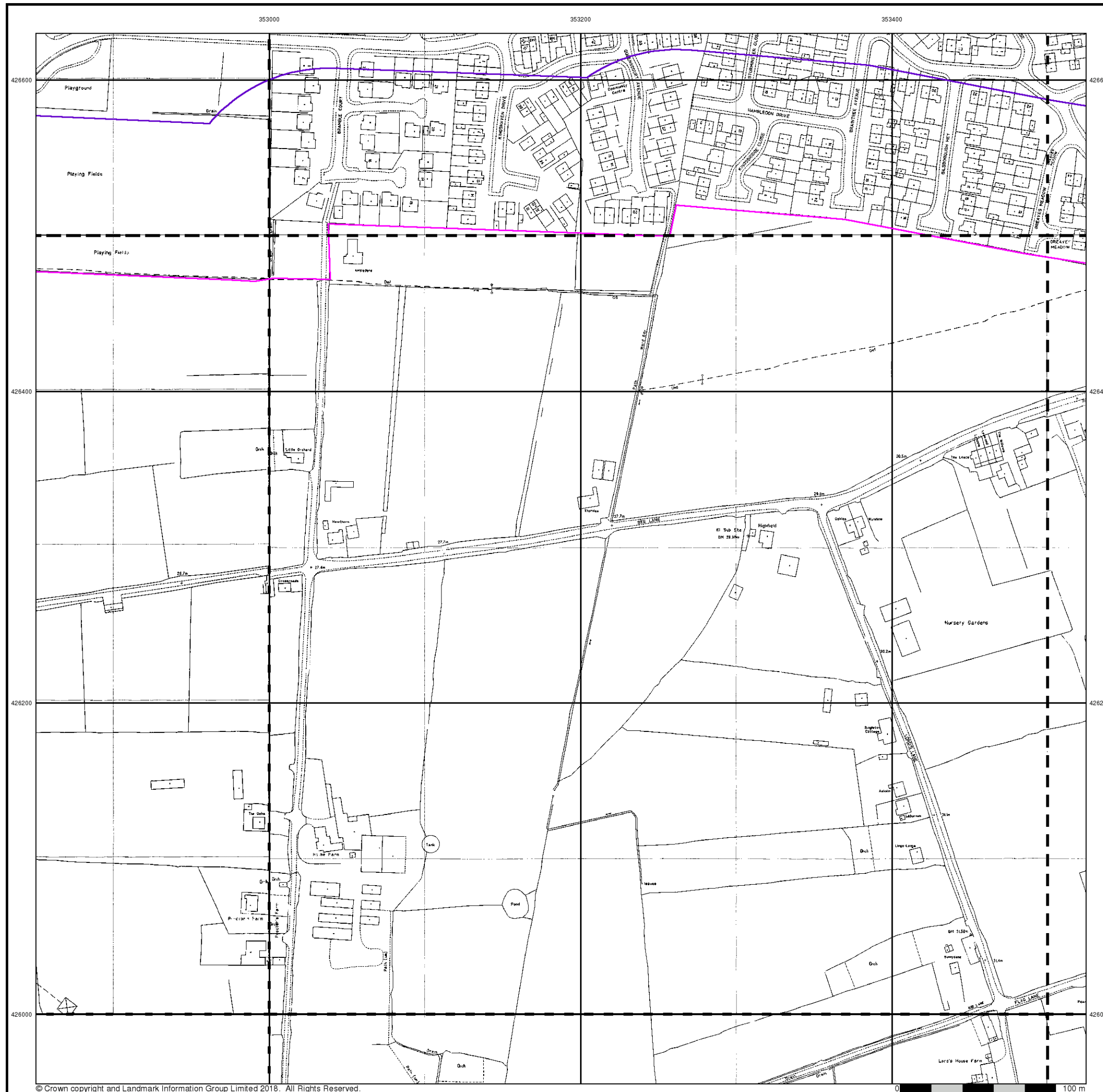
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

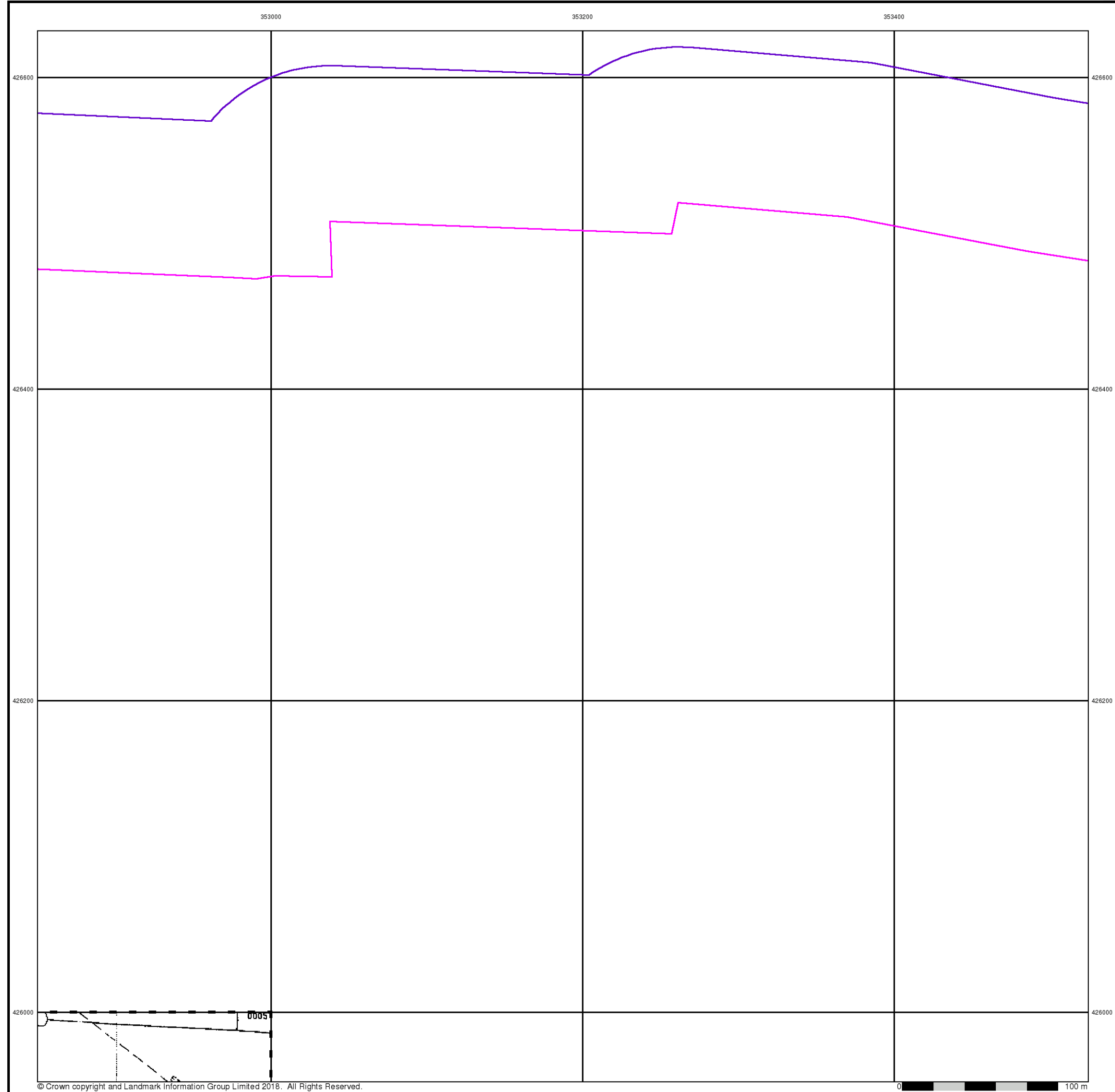
Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





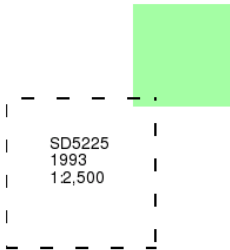
Large-Scale National Grid Data

Published 1993

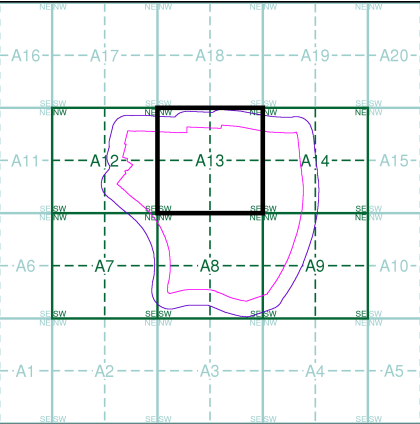
Source map scale - 1:2,500

'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 A13



Order Details

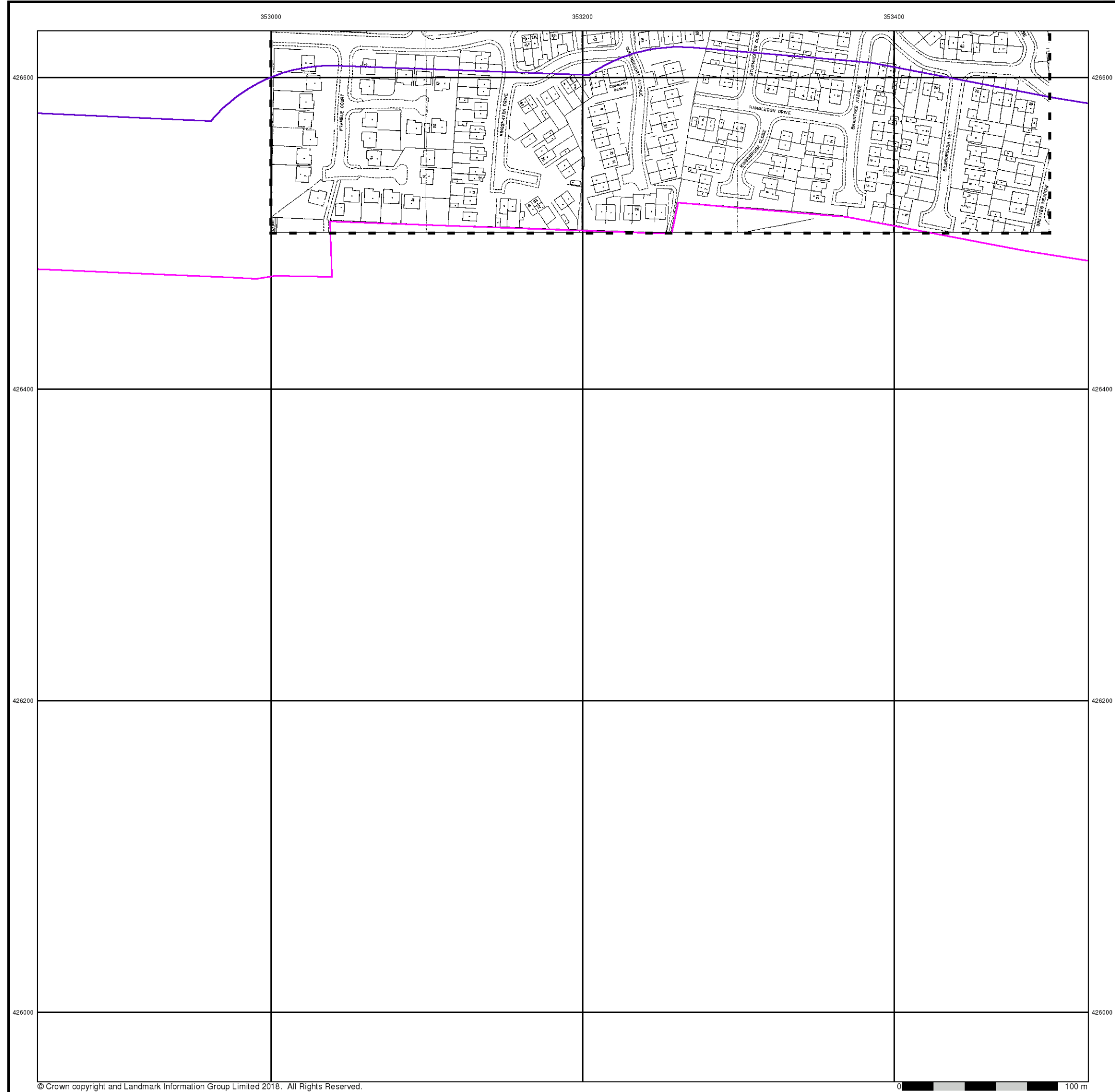
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



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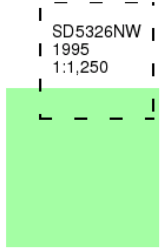
Large-Scale National Grid Data

Published 1995

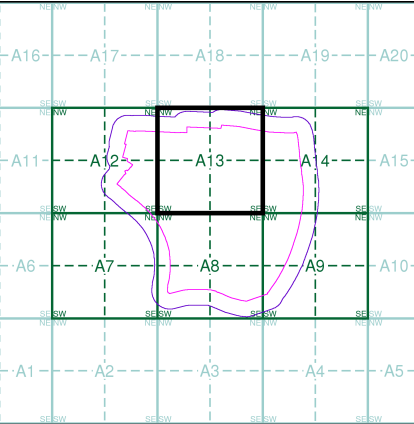
Source map scale - 1:1,250

'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 A13



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

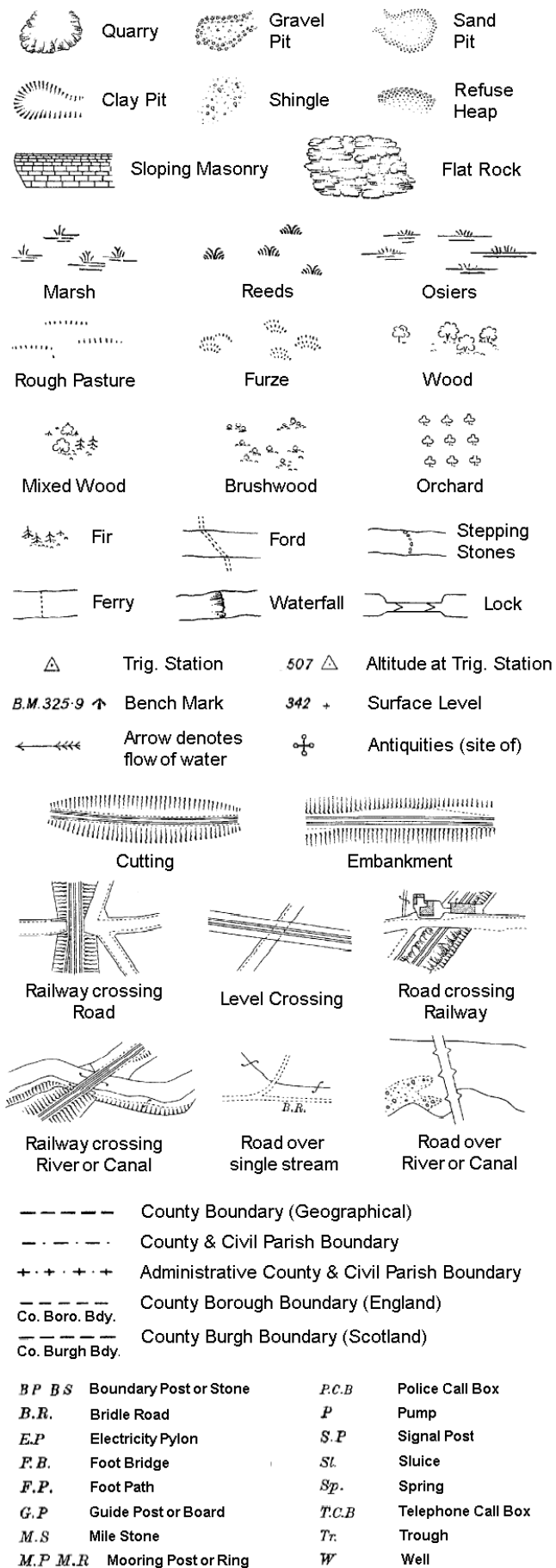
Pickering's Farm, Penwortham, PR1 9TQ



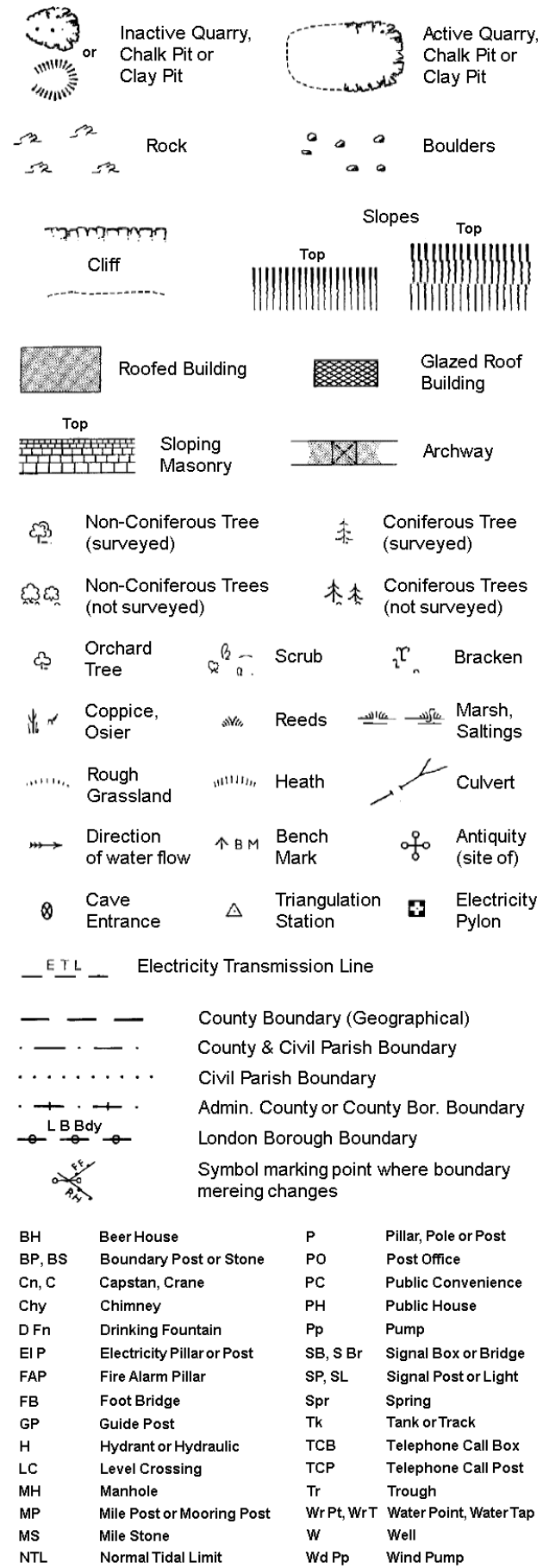
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

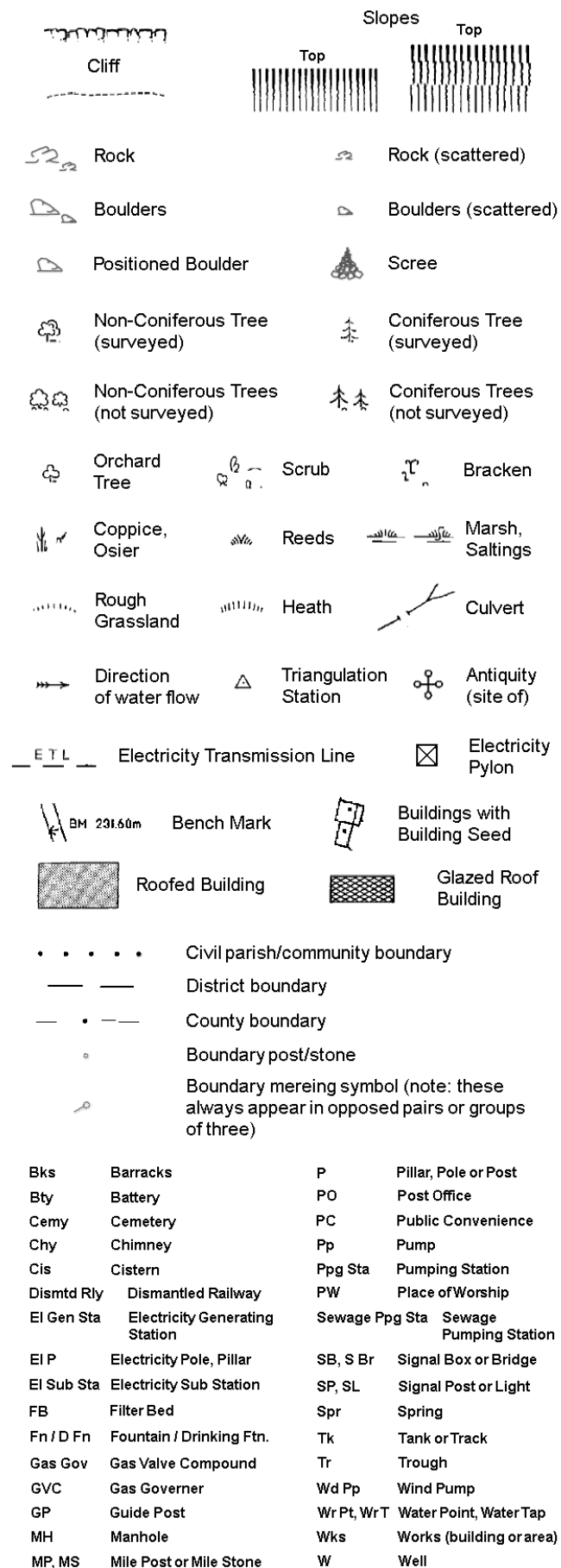
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



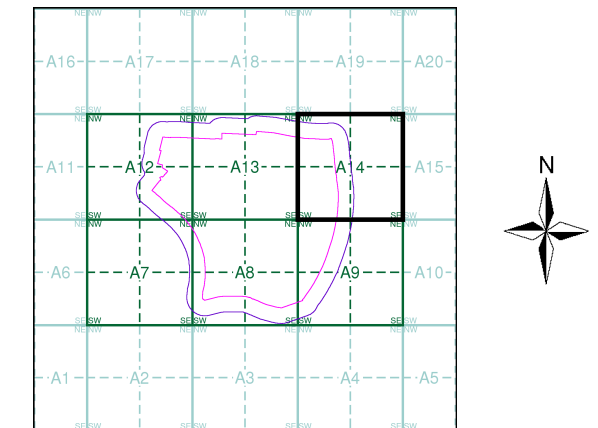
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1911	3
Lancashire And Furness	1:2,500	1931	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:1,250	1958 - 1964	6
Additional SIMs	1:1,250	1958 - 1981	7
Ordnance Survey Plan	1:2,500	1960 - 1965	8
Ordnance Survey Plan	1:1,250	1963 - 1973	9
Ordnance Survey Plan	1:2,500	1970	10
Ordnance Survey Plan	1:1,250	1971 - 1989	11
Additional SIMs	1:1,250	1982 - 1990	12
Additional SIMs	1:1,250	1987 - 1990	13
Large-Scale National Grid Data	1:1,250	1993	14

Historical Map - Segment A14



Order Details

Order Number:	176066506_1_1
Customer Ref:	3861
National Grid Reference:	353230, 426020
Slice:	A
Site Area (Ha):	99.74
Search Buffer (m):	100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ



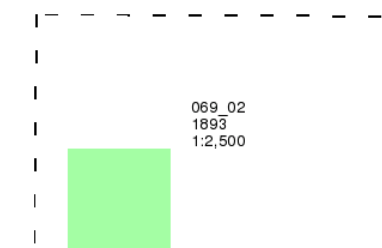
Lancashire And Furness

Published 1893

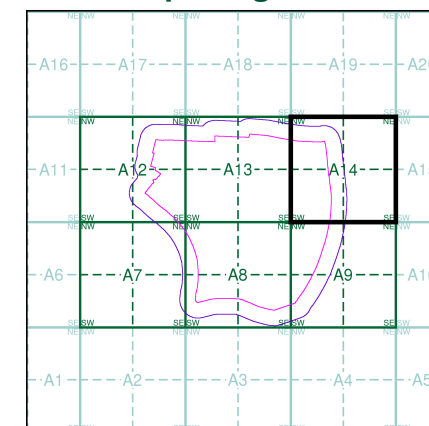
Source map scale - 1:2,500

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 A14



Order Details

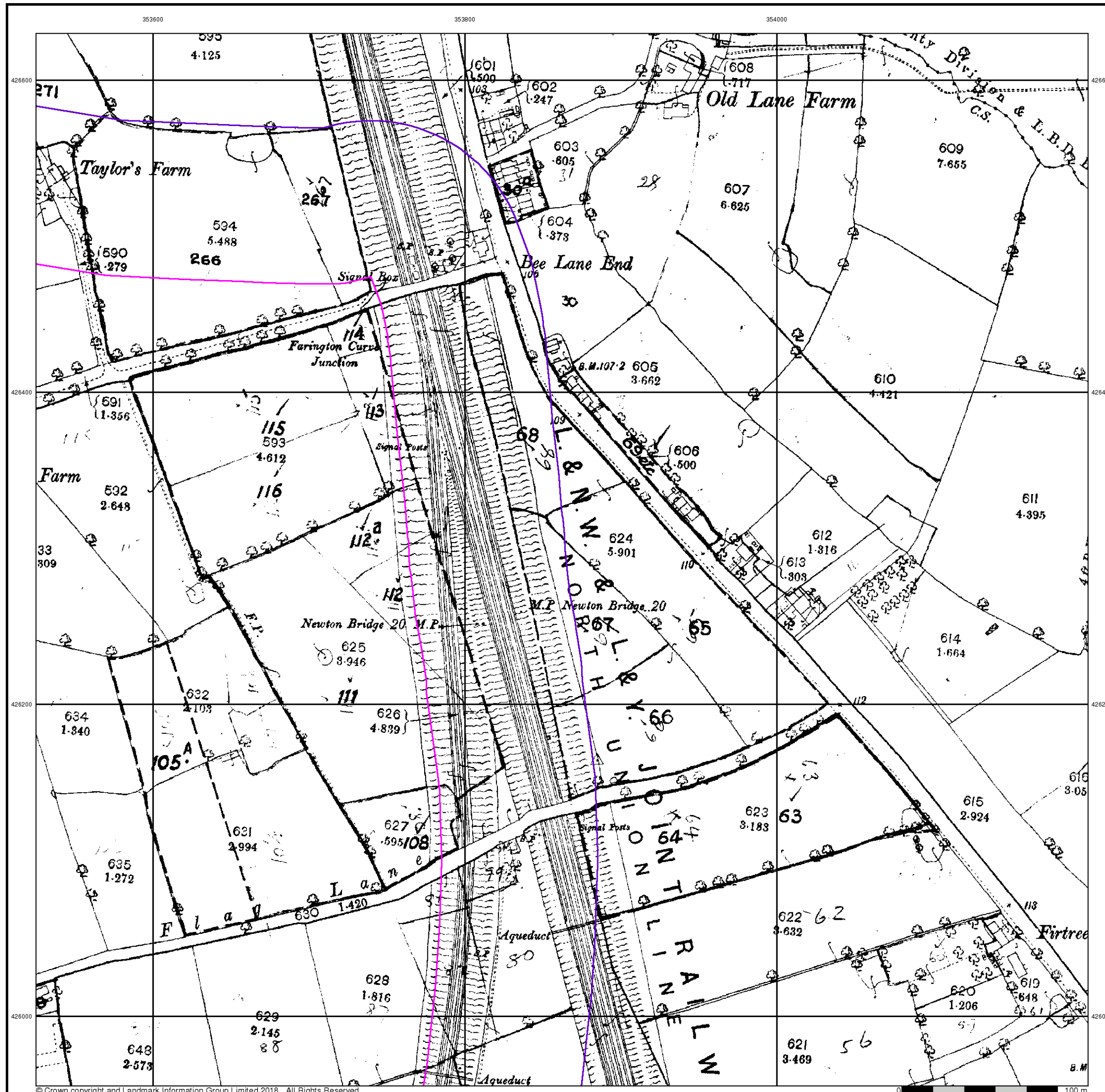
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





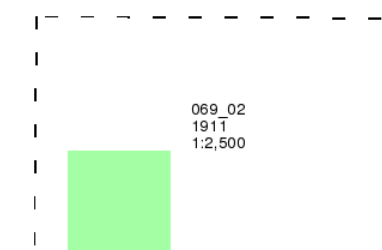
Lancashire And Furness

Published 1911

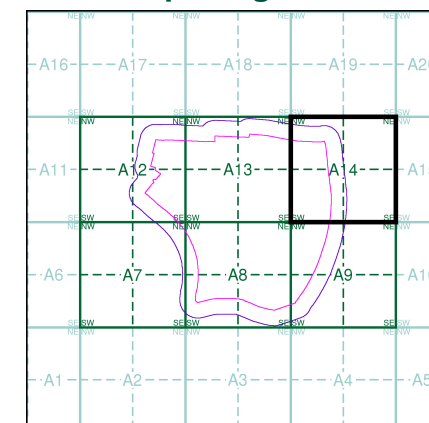
Source map scale - 1:2,500

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 A14



Order Details

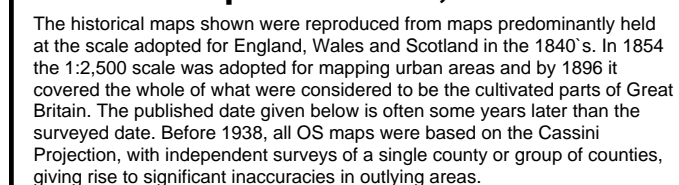
Order Number:	176066506_1_1
Customer Ref:	3861
National Grid Reference:	353230, 426020
Slice:	A
Site Area (Ha):	99.74
Search Buffer (m):	100

Site Details

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069_02
1931
1:2,500

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

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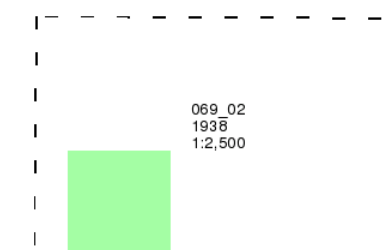
Lancashire And Furness

Published 1938

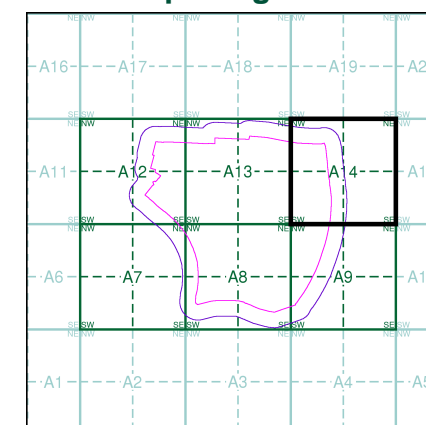
Source map scale - 1:2,500

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 A14



Order Details

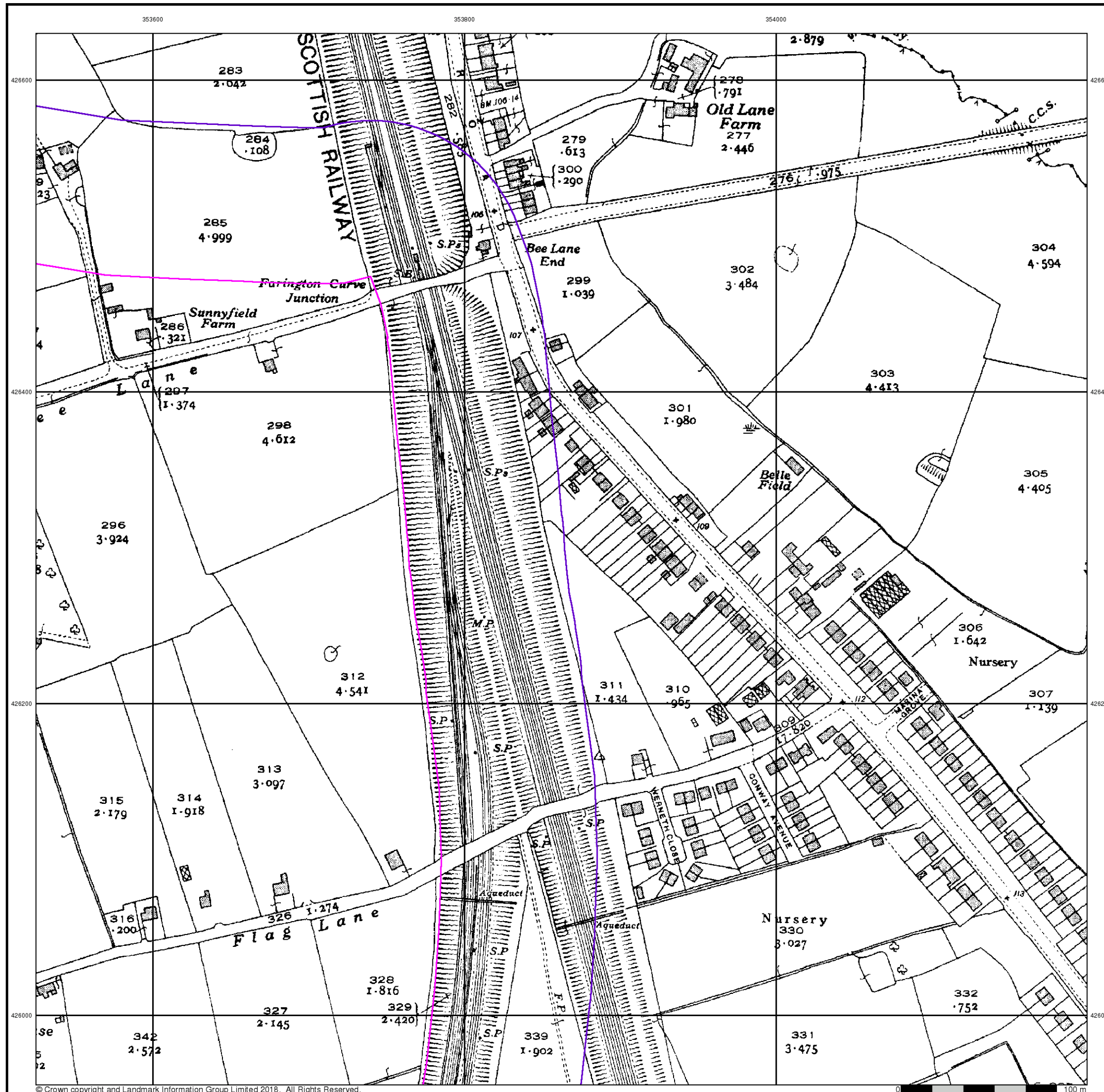
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Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1958 - 1964

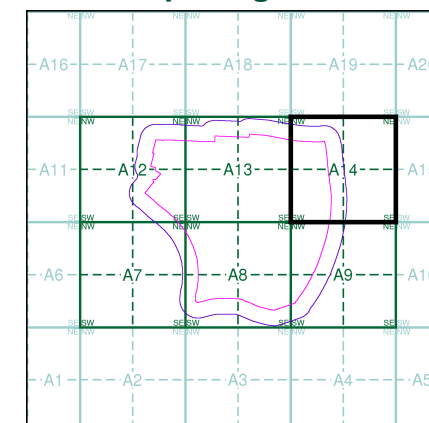
Source map scale - 1:1,250

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)

SD5326NE	SD5426NW
1958	1958
1:1,250	1:1,250
SD5326SE	SD5426SW
1958	1958
1:1,250	1:1,250
SD5325NE	SD5425NW
1963	1964
1:1,250	1:1,250

Historical Map - Segment A14



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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



Additional SIMs

Published 1958 - 1981

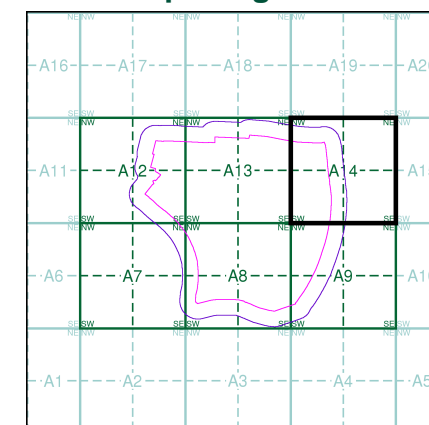
Source map scale - 1:1,250

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)

SD5326NE	1981	1:1,250
SD5326SE	1958	1:1,250
SD5325NE	1979	1:1,250
SD5425NW	1978	1:1,250

Historical Map - Segment A14



Order Details

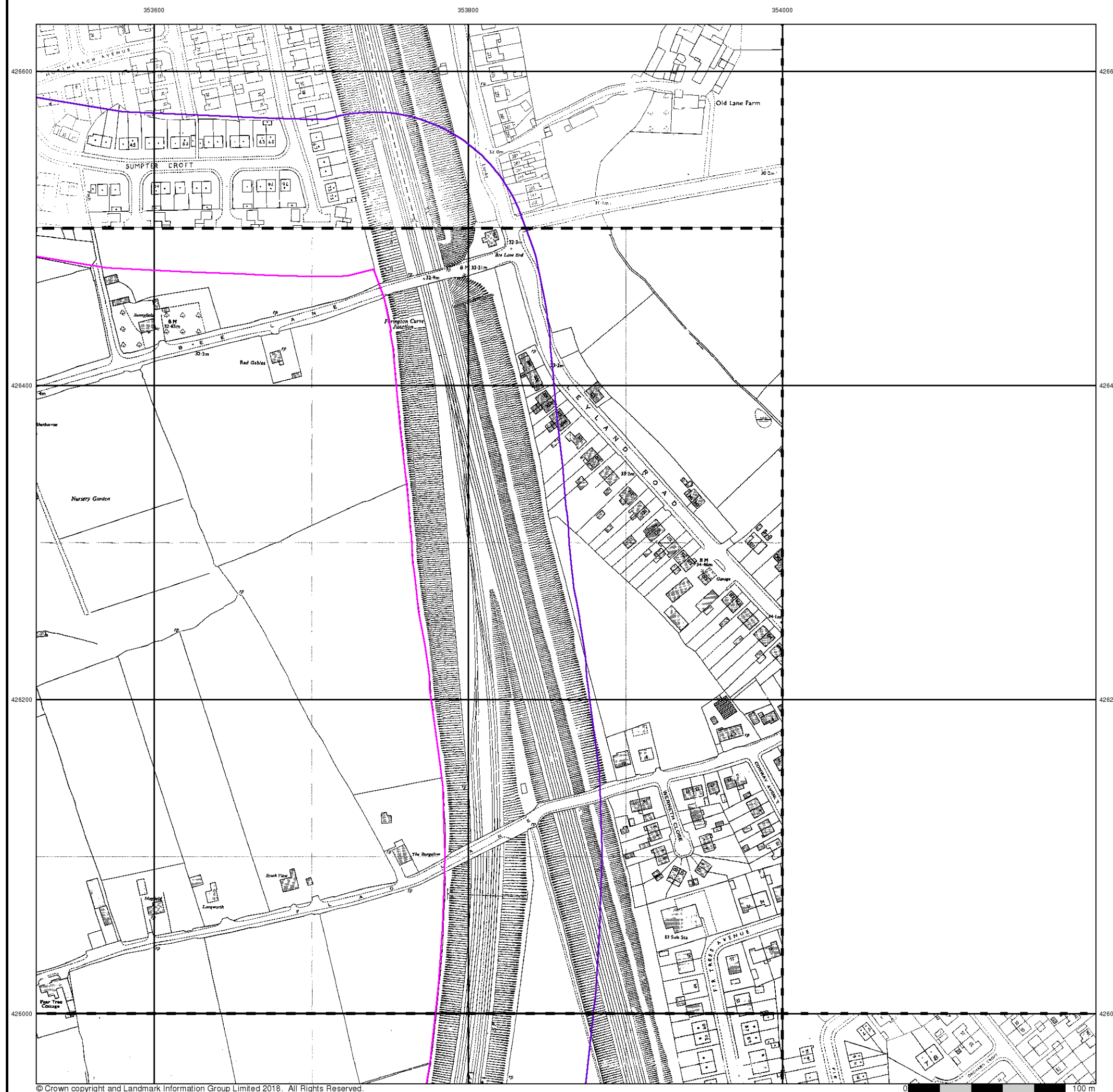
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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INFORMATION GROUP

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Ordnance Survey Plan

Published 1960 - 1965

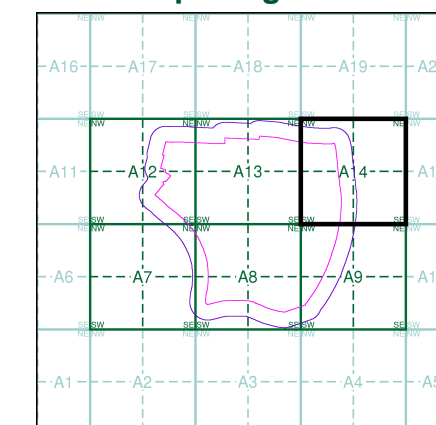
Source map scale - 1:2,500

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)

SD5326 1960 1:2,500	SD5426 1965 1:2,500
SD5325 1963 1:2,500	SD5425 1965 1:2,500

Historical Map - Segment A14



Order Details

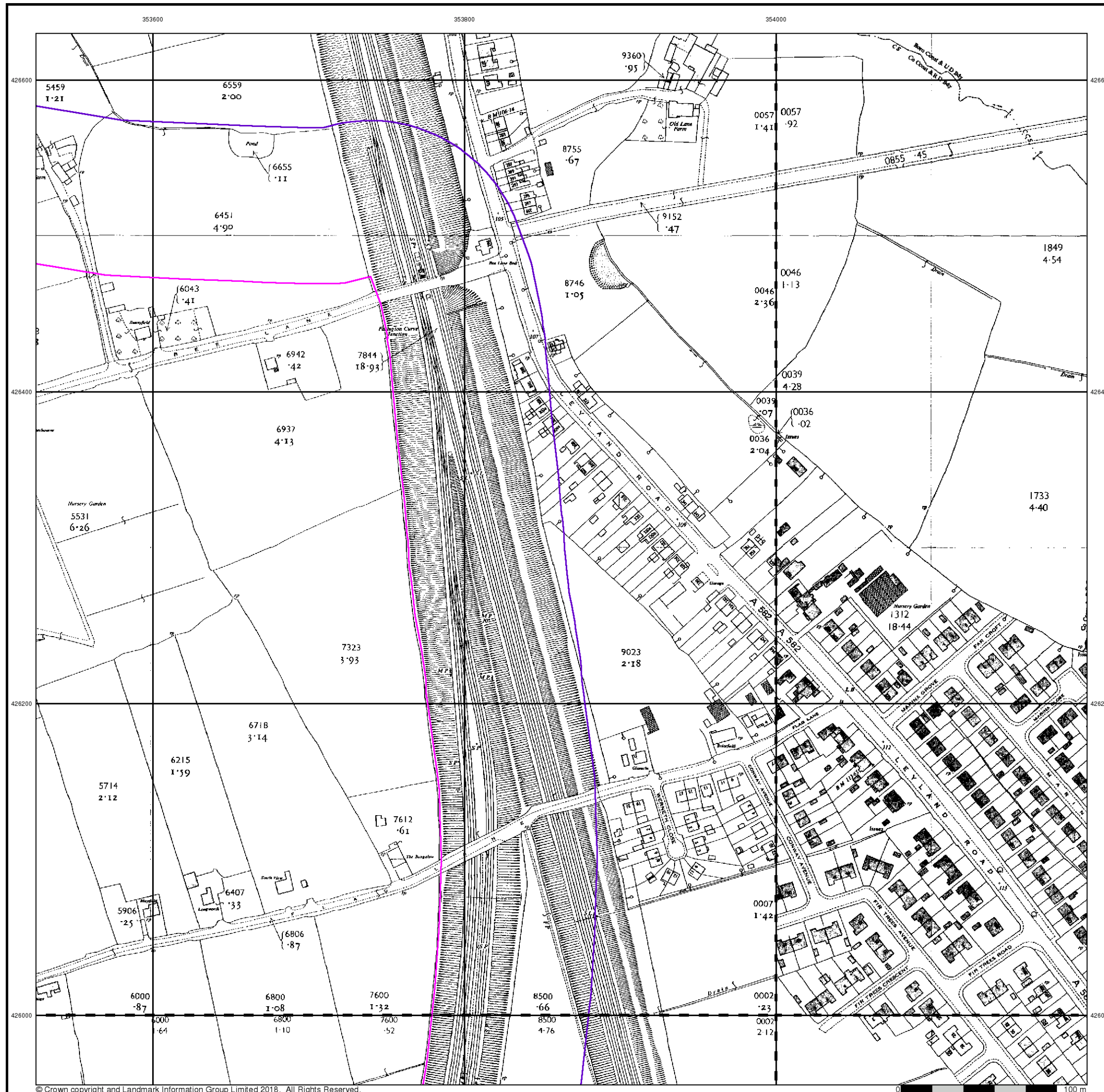
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1963 - 1973

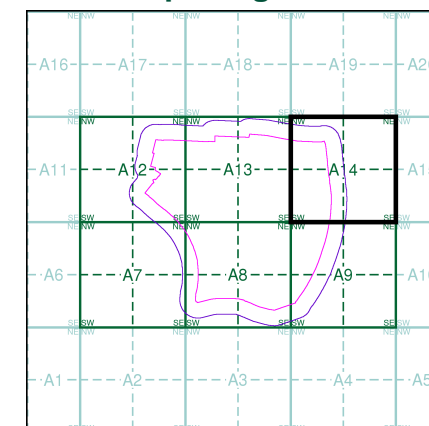
Source map scale - 1:1,250

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)

SD5326N	SD5426N
1964	1973
1:1,250	1:1,250
	SD5426S
	1963
	1:1,250
	SD5425N
	1970
	1:1,250

Historical Map - Segment A14



Order Details

Order Number:	176066506_1_1
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Site Area (Ha):	99.74
Search Buffer (m):	100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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INFORMATION GROUP

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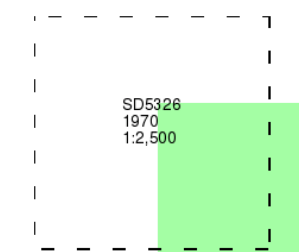
Ordnance Survey Plan

Published 1970

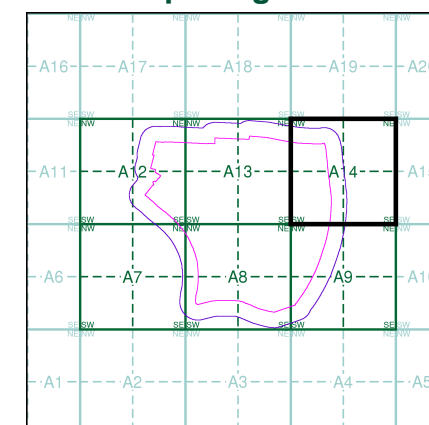
Source map scale - 1:2,500

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 A14



Order Details

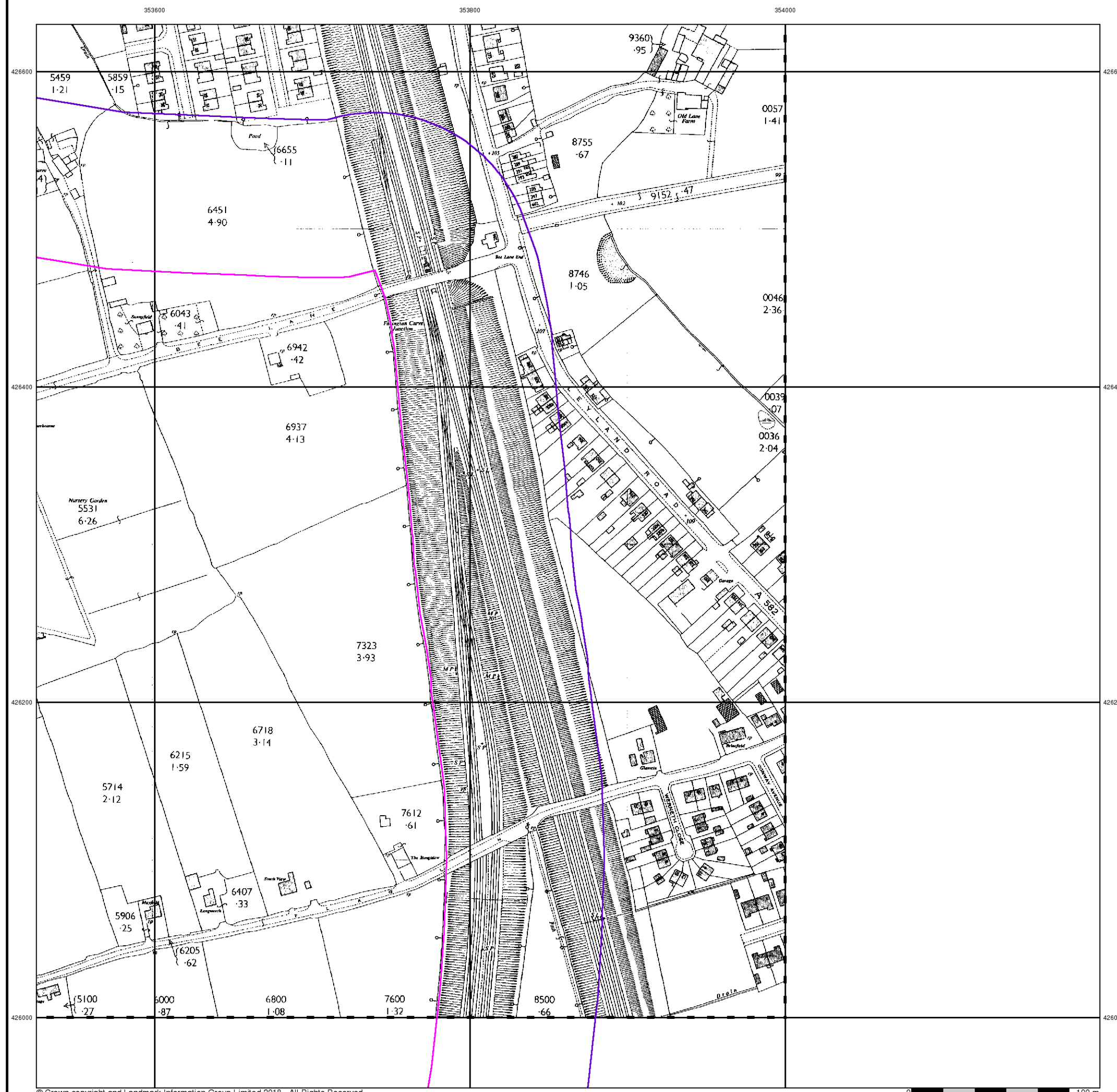
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1971 - 1989

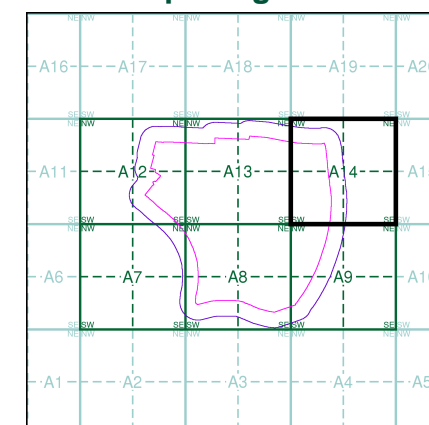
Source map scale - 1:1,250

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)

SD5326NE
1974
1:1,250
SD5426SW
1971
1:1,250
SD5425NW
1989
1:1,250

Historical Map - Segment A14



Order Details

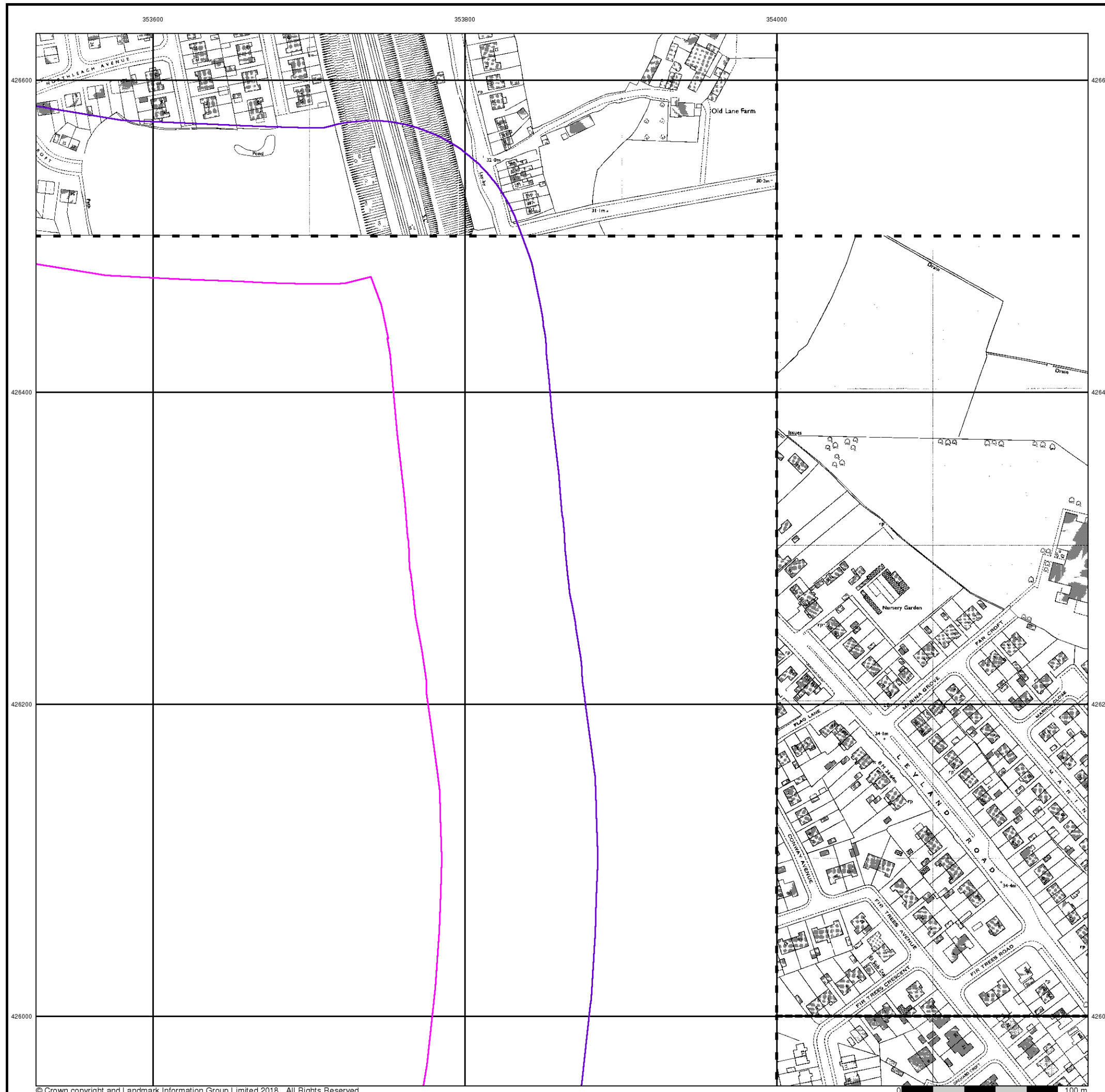
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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INFORMATION GROUP

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Additional SIMs

Published 1982 - 1990

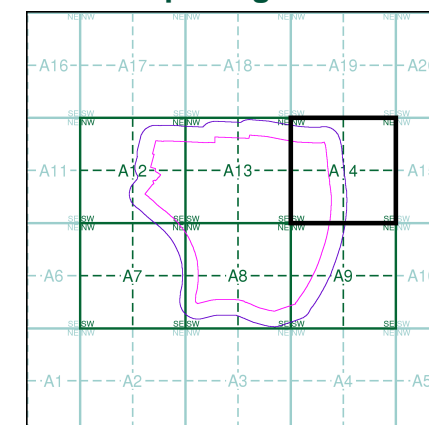
Source map scale - 1:1,250

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)

SD5326NE	1990	1:1,250
SD5326SE	1982	1:1,250
SD5325NE	1985	1:1,250
SD5425NW	1986	1:1,250

Historical Map - Segment A14



Order Details

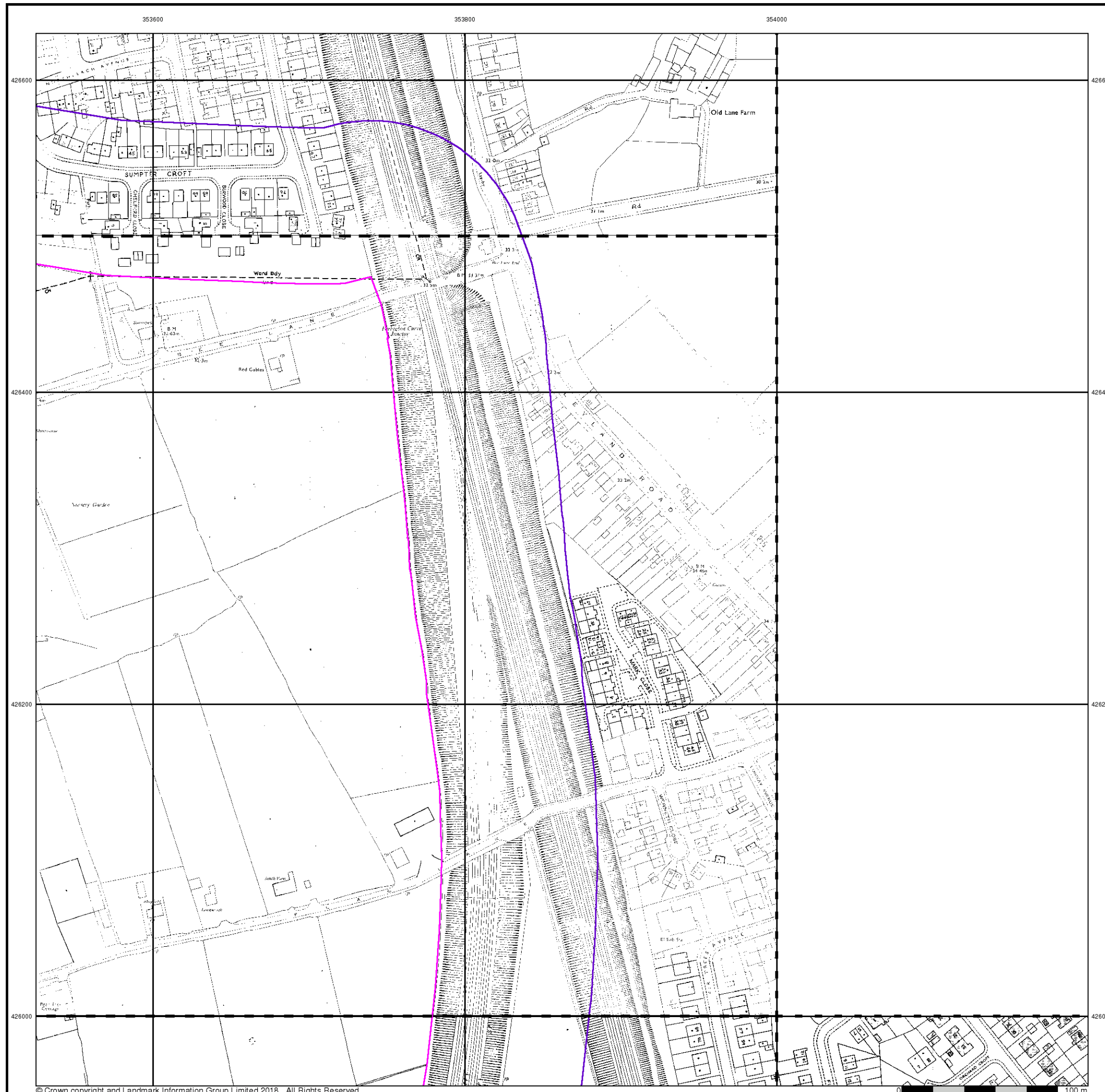
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Additional SIMs

Published 1987 - 1990

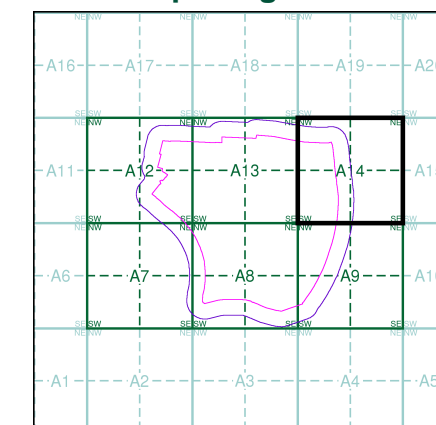
Source map scale - 1:1,250

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)

SD5326SE
1987
1:1,250
SD5325NE
1990
1:1,250

Historical Map - Segment A14



Order Details

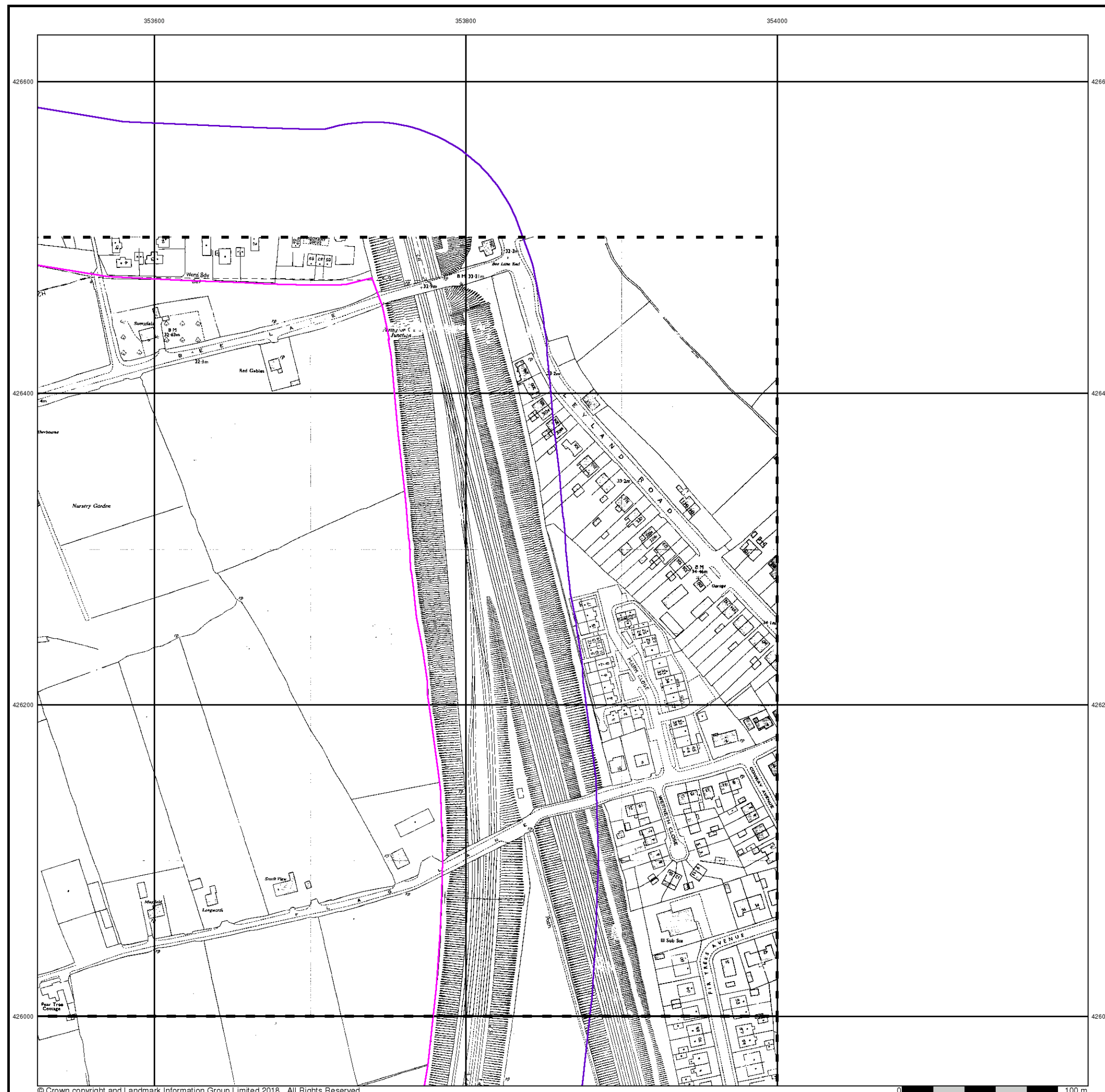
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk





Large-Scale National Grid Data

Published 1993

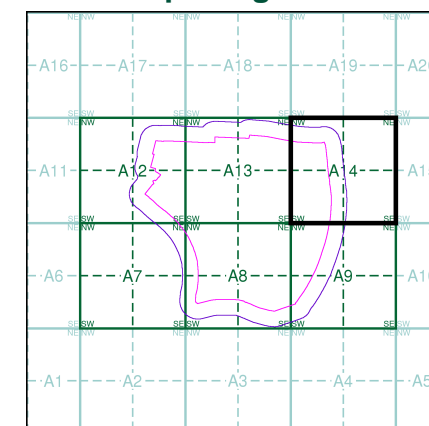
Source map scale - 1:1,250

'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)

BD5326NE	BD5426NW
1993	1993
1:1,250	1:1,250
BD5326SE	BD5426SW
1993	1993
1:1,250	1:1,250
BD5325NE	BD5425NW
1993	1993
1:1,250	1:1,250

Historical Map - Segment A14



Order Details

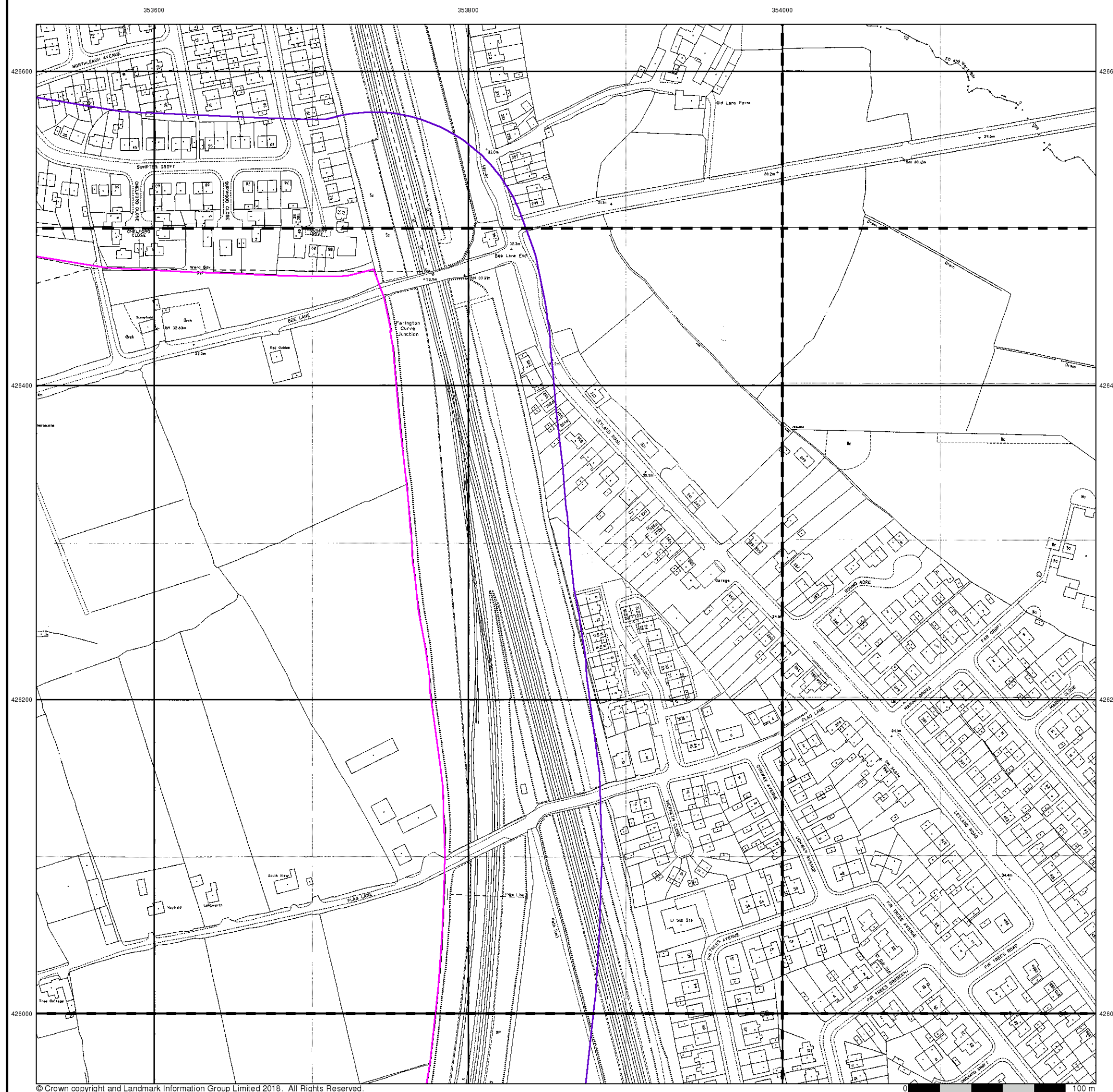
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 100

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
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APPENDIX C - ENVIROCHECK REPORT & DATASHEETS



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

176066506_1_1

Customer Reference:

3861

National Grid Reference:

353230, 426020

Slice:

A

Site Area (Ha):

99.74

Search Buffer (m):

250

Site Details:

Pickering's Farm

Penwortham

PR1 9TQ

Client Details:

Miss M Newby

Roc Consulting

Commercial Wharf

6 Commercial Street

Manchester

M15 4PZ

Report Section	Page Number
Summary	-
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Hazardous Substances	-
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In 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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Report Version v53.0

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Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls	pg 2	1	1
Local Authority Pollution Prevention and Control Enforcements			
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Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
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Planning Hazardous Substance Enforcements			
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Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 22	8	8
Fuel Station Entries	pg 23		1
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt	pg 24		1
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones			
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	0	1	352900 425850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SW)	0	1	352950 425500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	0	1	353231 426016
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	0	1	353300 425700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	0	1	353000 426050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	0	1	353450 426300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	2	1	353750 425750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9SW (SE)	45	1	353650 425500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	52	1	353900 426200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9SW (SE)	106	1	353750 425550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	114	1	352800 425450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9SW (SE)	166	1	353650 425300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9SW (SE)	198	1	353800 425450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NE (E)	206	1	353950 425800
1	Discharge Consents Operator: Mr Lee Michael Dodd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Sibberings Cottage Nib Lane, Penwortham, Preston, Lancashire, Pr1 9tp Authority: Environment Agency, North West Region Catchment Area: Ribble Reference: 017190963 Permit Version: 1 Effective Date: 29th October 2007 Issued Date: 29th October 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Mill Brook 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	A8NW (SW)	0	2	353130 425910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Jonathan Simpson Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: New Residential Properties At Holme Farm Daries, Moss Lane, Penswortham, Preston, Pr1 Ptx Authority: Environment Agency, North West Region Catchment Area: Ribble Reference: 017190941 Permit Version: 1 Effective Date: 28th March 2007 Issued Date: 28th March 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Ribble 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	A13SW (W)	0	2	353083 426068
3	Discharge Consents Operator: Mrs. Sheilagh Chester Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bridgend Church Lane, Whitestake, Preston, Lancashire, Pr4 4lh Authority: Environment Agency, North West Region Catchment Area: Lostock Reference: Npswqd008384 Permit Version: 1 Effective Date: 9th November 2009 Issued Date: 9th November 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Lostock 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	A3NE (S)	206	2	353499 425199
4	Local Authority Pollution Prevention and Controls Name: W Welch Location: Arden Dee, Chainhouse Lane, Whitestake, PRESTON, Lancashire, PR4 4LE Authority: South Ribble Borough Council, Environmental Health Department Permit Reference: PPC/9 Dated: 25th March 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Automatically positioned to the address	A8SW (S)	0	3	353139 425488
5	Local Authority Pollution Prevention and Controls Name: Fw Bamber Location: Chainhouse Lane, Whitestake, Preston, Lancashire, Pr4 4ld Authority: South Ribble Borough Council, Environmental Health Department Permit Reference: 24 Dated: 16th December 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/24 Pet food manufacturing Status: Permitted Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	111	3	352804 425471
	Nearest Surface Water Feature	A13SE (N)	0	-	353240 426084
6	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident In Transit Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Light Diesel Oil Incident Date: 11th July 1995 Incident Reference: 95320096 Catchment Area: Lune Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	14	2	353500 426500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage Sludge Note: River Lostock Incident Date: 12th April 1995 Incident Reference: 95410053 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	38	2	352700 426000
8	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Animal Waste/Slurry Note: Tributary Mill Brook Incident Date: 7th January 1992 Incident Reference: 92410003 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	56	2	353000 425400
9	Pollution Incidents to Controlled Waters Property Type: Agriculture: Silos / Clamps / Towers Location: Brook, Rear of Chainhouse Lane, WHITESTAKE, Lancashire Authority: Environment Agency, North West Region Pollutant: Slurry Note: Not Supplied Incident Date: 28th August 1999 Incident Reference: 31879 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Containment Failure : Other Containment Failure Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	58	2	353200 425400
10	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 28th May 1992 Incident Reference: 92410124 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	62	2	352600 426500
11	Pollution Incidents to Controlled Waters Property Type: Domestic & Residential: Private Dwellings Location: Penwortham, PENWORTHAM, Lancashire Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Household Domestic Waste Note: Not Supplied Incident Date: 1st July 1999 Incident Reference: 30996 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	159	2	352500 426500
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Farington Lodge Incident Date: 8th December 1993 Incident Reference: 93410226 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3NE (S)	192	2	353400 425200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 9th March 1992 Incident Reference: 92410054 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A3NE (S)	197	2	353400 425195
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 13th September 1993 Incident Reference: 93410189 Catchment Area: Ribble - Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	198	2	352500 426600
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Farington Lodge; Algal Scum Incident Date: 11th April 1994 Incident Reference: 94410049 Catchment Area: Lostock Receiving Water: Not Given Cause of Incident: Algal Bloom Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3NE (S)	206	2	353500 425200
15	Pollution Incidents to Controlled Waters Property Type: Horticultural Location: Mill Brook Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 10th February 1998 Incident Reference: CE980222 Catchment Area: Ribble - Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	231	2	352700 425600
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13SE (SE)	0	2	353231 426016
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SE (SE)	0	1	353231 426016
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (SE)	0	1	353231 426016
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (N)	0	4	353084 426467
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (NW)	0	4	353039 426469
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353534 425647
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	0	4	353408 425563
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353330 425721
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353290 425712
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353529 425756
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353290 425712
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353302 425715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353330 425721
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353341 425724
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353342 425723
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353318 425793
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353530 425759
30	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353530 425759
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353270 425933
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353288 425791
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353337 425805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353330 425839
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 231.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353381 425864
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353317 425950
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SE (E)	0	4	353363 425966
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (E)	0	4	353570 425886
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353260 425935
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (E)	0	4	353486 425927
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353275 425934
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353268 425938

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (SE)	0	4	353317 425950
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SE (E)	0	4	353363 425966
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353527 425780
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353534 425647
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353572 425875
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (E)	0	4	353656 425930
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (E)	0	4	353657 425931
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	0	4	353680 425786
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (E)	0	4	353730 425955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8SW (S)	0	4	353046 425466
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (S)	0	4	353051 425464
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8SW (S)	0	4	353062 425502
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (SW)	0	4	353000 425592
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353000 425694
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353088 425696
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353000 425695
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (S)	0	4	353159 425698
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (S)	0	4	353106 425696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8SW (S)	0	4	353080 425583
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353000 425694
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353083 425814
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (S)	0	4	353155 425752
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353284 425790
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353117 425805
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353096 425870
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SW (W)	0	4	353109 425972
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NE (S)	0	4	353188 425910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8NW (SW)	0	4	353148 425947
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SE (NW)	0	4	353206 426033
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SW (W)	0	4	353109 425974
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 619.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13SE (N)	0	4	353240 426084
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (NW)	1	4	353003 426474
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	1	4	353677 425640
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	8	4	353259 425430
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	8	4	353206 425450
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	8	4	353307 425409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	9	4	353275 425423
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	9	4	353264 425428
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	9	4	353200 425451
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	9	4	353364 425393
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	9	4	353280 425421
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	10	4	353188 425453
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (S)	10	4	353122 425455
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	11	4	353188 425453
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (S)	11	4	353178 425453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (S)	11	4	353138 425454
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	11	4	353402 425382
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8SW (S)	21	4	353026 425441
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A7NE (W)	34	4	352820 425878
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (NW)	35	4	353003 426510
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 408.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (NW)	37	4	352925 426578
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	44	4	353472 425362
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	48	4	353326 425362
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A12SE (W)	52	4	352569 426090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1215.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A7NE (SW)	53	4	352778 425690
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A12SE (W)	53	4	352620 426008
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	56	4	353735 425635
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8SW (S)	58	4	353130 425408
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A7NE (W)	60	4	352794 425870
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8NW (SW)	63	4	352864 425687
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A7NE (W)	65	4	352789 425869
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 341.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SW (S)	66	4	352999 425389
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A8NW (SW)	69	4	352859 425687

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (SE)	71	4	353521 425350
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	76	4	353329 425332
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A13NW (N)	78	4	353002 426576
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A8SE (S)	81	4	353235 425362
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A7NE (W)	82	4	352748 425859
111	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9SW (SE)	83	4	353668 425455
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9SW (SE)	84	4	353668 425455
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (SE)	89	4	353769 425629
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9NW (E)	100	4	353836 425787

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A7NE (W)	102	4	352752 425857
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A9SW (SE)	113	4	353749 425533
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A12NE (NW)	131	4	352526 426491
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A12NW (NW)	146	4	352481 426407
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	149	4	353893 426486
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	150	4	353881 426521
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	151	4	353894 426485
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A3NE (S)	159	4	353286 425258
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A12NW (NW)	159	4	352464 426368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	173	4	353922 426454
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	173	4	353922 426454
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A9SW (SE)	177	4	353788 425473
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A9SW (SE)	202	4	353807 425455
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ribble Primacy: 1	A14NE (NE)	207	4	353913 426586
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A12SW (W)	208	4	352402 426231
130	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	213	4	353494 425191
131	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 41.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	213	4	353494 425191
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (SE)	216	4	353582 425215

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (S)	217	4	353543 425203
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (SE)	218	4	353568 425210
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 2	A4NW (SE)	218	4	353582 425215
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (SE)	221	4	353661 425242
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (SE)	221	4	353661 425242
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (S)	223	4	353563 425204
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A4NW (SE)	229	4	353586 425205
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 823.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Mill Brook Catchment Name: Ribble Primacy: 1	A12SW (W)	229	4	352387 426247
141	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 313.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	233	4	353482 425166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	233	4	353482 425166
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	240	4	353484 425160
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	249	4	353478 425149
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Douglas Primacy: 1	A3NE (S)	250	4	353477 425147

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Ribble Borough Council - Has supplied landfill data		0	3	353231 426016
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	5	353231 426016

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SE (SE)	0	1	353231 426016
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353231 426016
	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	A13SE (SE)	0	1	353231 426016

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	Contemporary Trade Directory Entries Name: M D L Fireworks Ltd Location: 84 Coote Lane, Whitestake, Preston, Lancashire, PR4 4LJ Classification: Firework Stockists Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	0	-	353448 425410
146	Contemporary Trade Directory Entries Name: Dart Tapes Location: Rose Royal, Coote Lane, Whitestake, Preston, PR4 4LJ Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	0	-	353457 425413
147	Contemporary Trade Directory Entries Name: Hambilton Engineering Ltd Location: Thornlea, Bee Lane, Penwortham, Preston, PR1 9TU Classification: Caravans - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	0	-	353206 426332
148	Contemporary Trade Directory Entries Name: W Welch Fencing Location: Chain House Lane, Whitestake, Preston, Lancashire, PR4 4LE Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	0	-	353127 425498
149	Contemporary Trade Directory Entries Name: Coote Lane Garage Location: Coote Lane, Whitestake, Preston, PR4 4LJ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	0	-	353333 425438
150	Contemporary Trade Directory Entries Name: Holme Farm Dairies Ltd Location: Holme Farm, Moss Lane, Penwortham, Preston, PR1 9TX Classification: Dairies Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (NW)	0	-	353035 426109
151	Contemporary Trade Directory Entries Name: Sharples Transport Ltd Location: 18, Chain House Lane, Whitestake, Preston, PR4 4LE Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	0	-	353186 425486
152	Contemporary Trade Directory Entries Name: Radmear Ltd Location: 32, Chain House Lane, Whitestake, Preston, Lancashire, PR4 4LE Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to an adjacent address or location	A8SW (S)	0	-	353038 425486
153	Contemporary Trade Directory Entries Name: Heritage Clocks Ltd Location: 10, Bramble Court, Penwortham, Preston, Lancashire, PR1 9EW Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	16	-	353066 426522
154	Contemporary Trade Directory Entries Name: F M Scentsational Perfume Location: Copper Beeches, Penwortham, Preston, Lancashire, PR1 9EG Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	45	-	352729 426527
155	Contemporary Trade Directory Entries Name: Bambers Frozen Meats Location: 60, Chain House Lane, Whitestake, Preston, PR4 4LD Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	109	-	352806 425463
156	Contemporary Trade Directory Entries Name: Frank Bamber Ltd Location: Mayfield, 61, Chain House Lane, Whitestake, Preston, PR4 4LD Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	133	-	352798 425387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	Contemporary Trade Directory Entries Name: Penwortham Ironing Service Location: 8, Forshaw Road, Penwortham, Preston, PR1 9DX Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	161	-	352659 426643
157	Contemporary Trade Directory Entries Name: Johnson Cleaners (Uk) Ltd Location: 77 Forshaw Rd, Penwortham, Preston, Lancashire, PR1 9DX Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	202	-	352639 426683
158	Contemporary Trade Directory Entries Name: Ideal Car Supermarket Location: 330, Leyland Road, Penwortham, Preston, PR1 9SU Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	174	-	353941 426277
158	Contemporary Trade Directory Entries Name: The Lancashire Motor Co Ltd Location: 330, Leyland Road, Penwortham, Preston, Lancashire, PR1 9SU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	174	-	353941 426277
159	Fuel Station Entries Name: Penwortham Service Station Location: 330, Leyland Road , Penwortham , Preston, Lancashire, PR1 9SU Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14SE (E)	174	-	353941 426276

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	Areas of Adopted Green Belt Authority: South Ribble Borough Council Plan Name: Site Allocations Status: Adopted Plan Date: 22nd July 2015	A8NW (SW)	25	7	352859 425814

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Ribble Borough Council - Environmental Health Department	September 2014	Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2018	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2018	Quarterly
Local Authority Integrated Pollution Prevention And Control South Ribble Borough Council - Environmental Health Department	September 2014	Variable
Local Authority Pollution Prevention and Controls South Ribble Borough Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements South Ribble Borough Council - Environmental Health Department	September 2014	Variable
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - North West Region	January 2015	
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 - North West Region - Central Area Environment Agency - North West Region - North Area	April 2018 April 2018	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	April 2018	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	January 2018	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2018	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2018	Quarterly
Flood Defences Environment Agency - Head Office	May 2018	Quarterly
OS Water Network Lines Ordnance Survey	May 2018	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	April 2018	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2018 April 2018	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2018 April 2018	Quarterly Quarterly
Local Authority Landfill Coverage Lancashire County Council - Waste Management Group South Ribble Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lancashire County Council - Waste Management Group South Ribble Borough Council - Environmental Health Department	May 2000 May 2003	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Lancashire County Council South Ribble Borough Council	February 2016 February 2016	Variable Variable
Planning Hazardous Substance Consents Lancashire County Council South Ribble Borough Council	February 2016 February 2016	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	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	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	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	May 2018	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2018	Quarterly
Gas Pipelines National Grid	July 2014	
Underground Electrical Cables National Grid	December 2015	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt South Ribble Borough Council	February 2018	As notified
Areas of Unadopted Green Belt South Ribble Borough Council	February 2018	As notified
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2018	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	February 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	February 2018	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2018	Bi-Annually
Special Areas of Conservation Natural England	January 2018	Bi-Annually
Special Protection Areas Natural England	February 2018	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

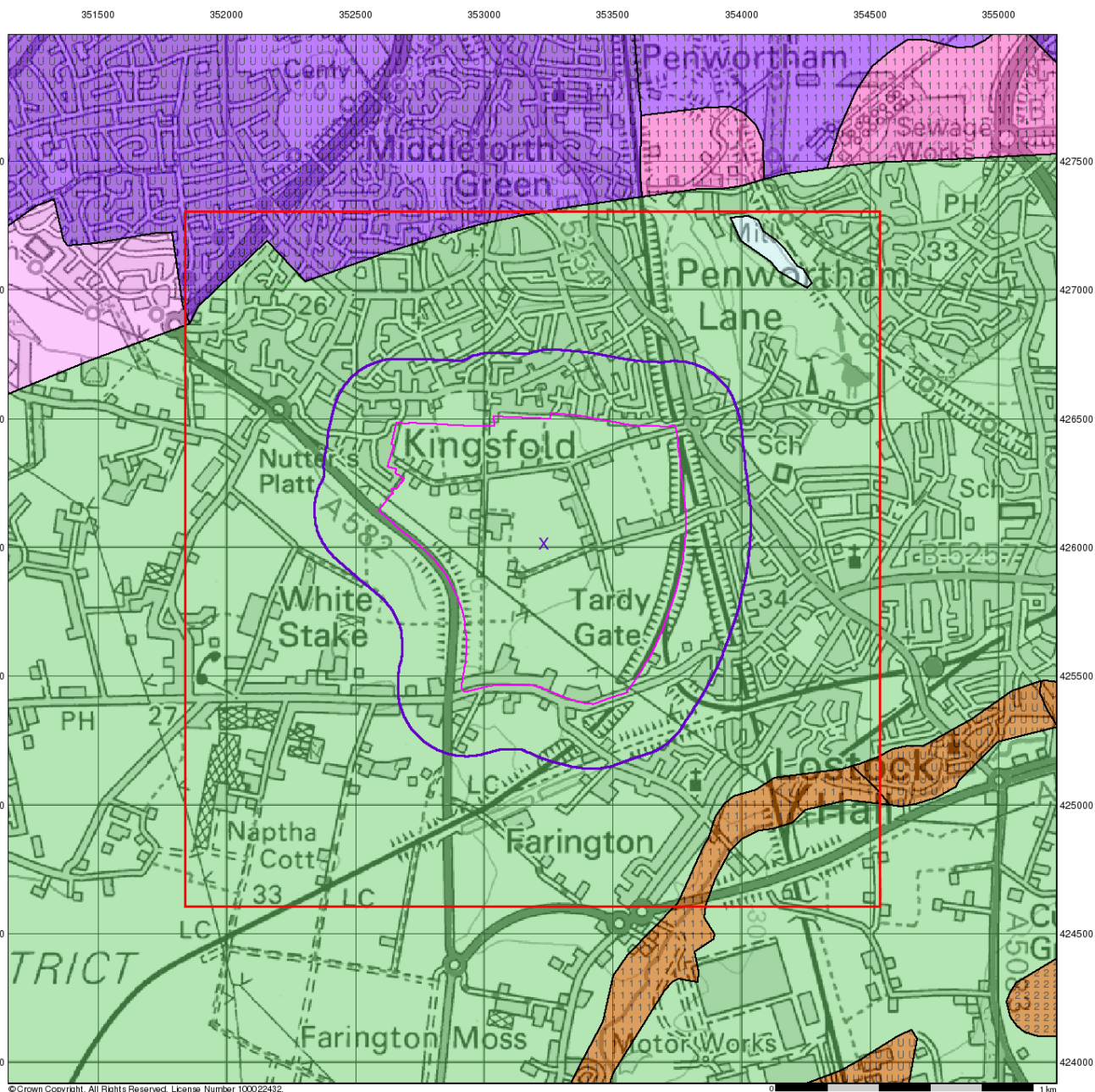
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	South Ribble Borough Council - Environmental Health Department Civic Centre, West Paddock, Leyland, Preston, Lancashire, PR5 1DH	Telephone: 01772 421491 Fax: 01772 625363 Website: www.south-ribblebc.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
6	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	South Ribble Borough Council Civic Centre, West Paddock, Leyland, Preston, Lancashire, PR5 1DH	Telephone: 01772 421491 Fax: 01772 622287 Email: info@south-ribblebc.gov.uk Website: www.south-ribblebc.gov.uk
8	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



APPENDIX D - ENVIRONMENTAL & GEOLOGICAL MAPS





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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Soil Classes

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)

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Water or Sea

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

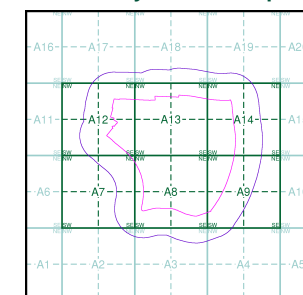
Drift Deposit

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

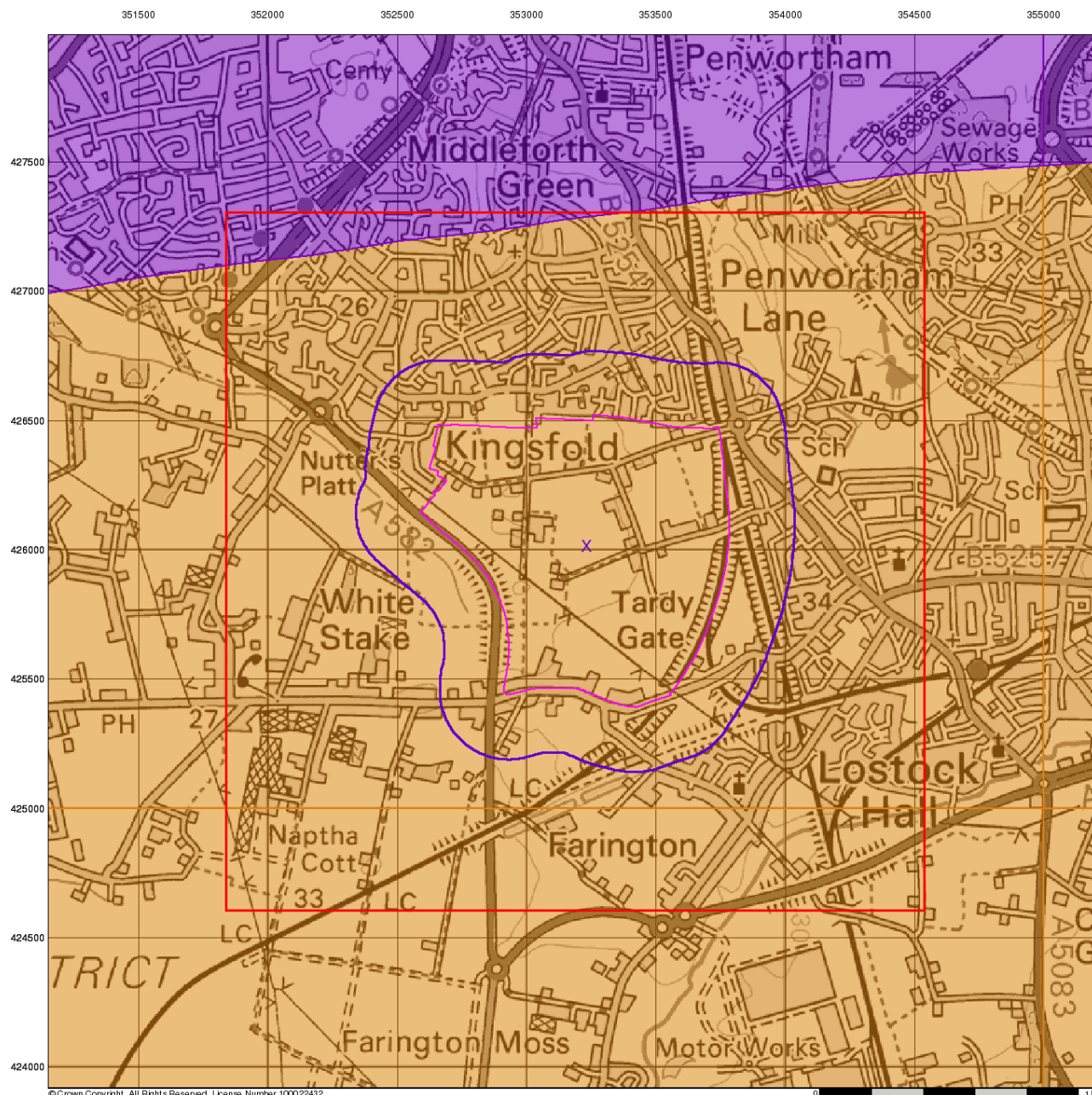
Order Number: 176066506_1_1
 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
 INFORMATION GROUP

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0 1 km



Bedrock Aquifer Designation

General

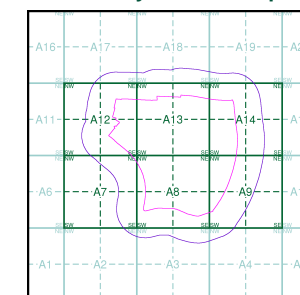
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

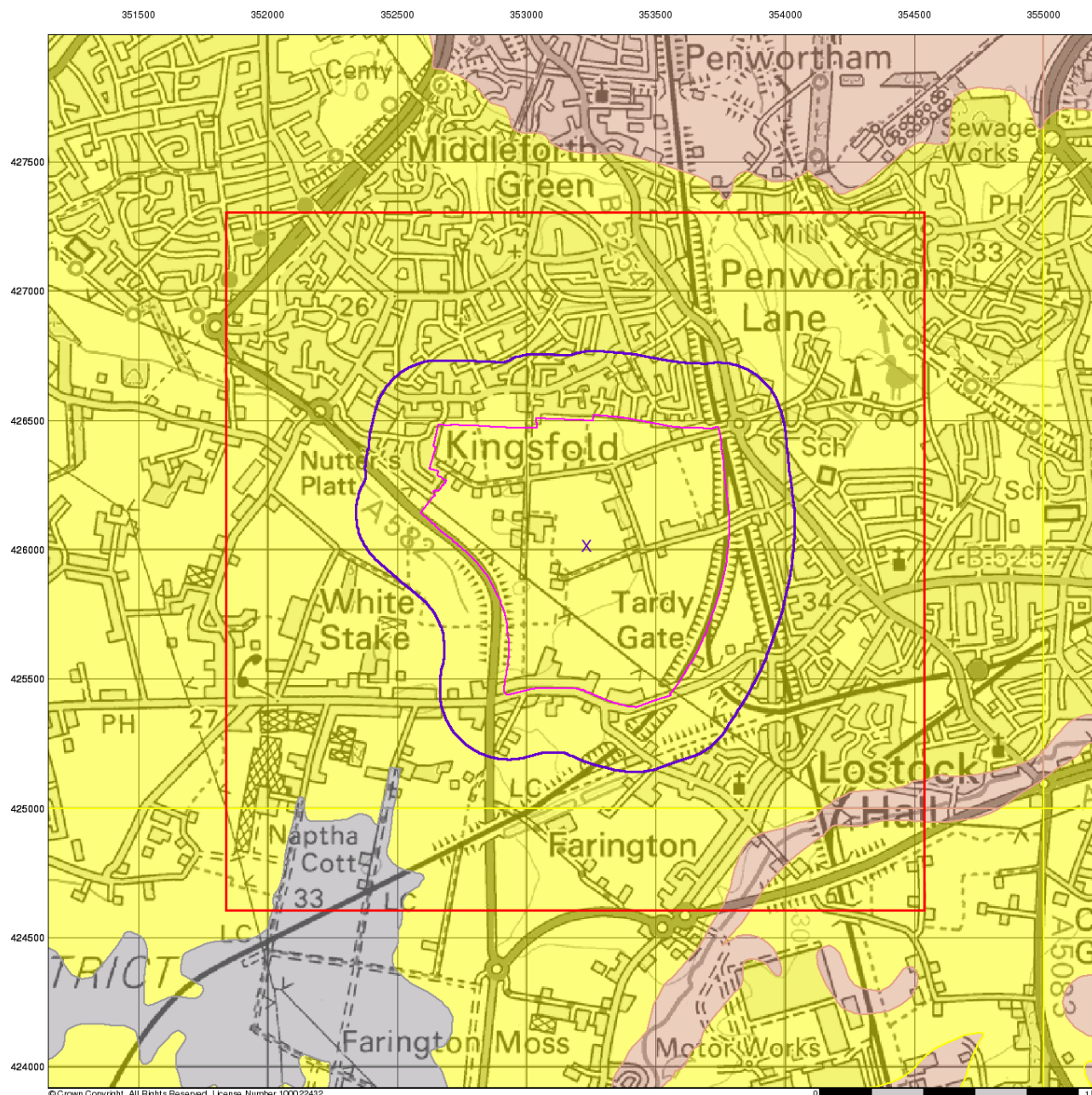
Order Number: 176066506_1_1
 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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0 1 km



Superficial Aquifer Designation

General

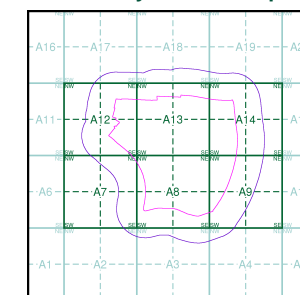
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

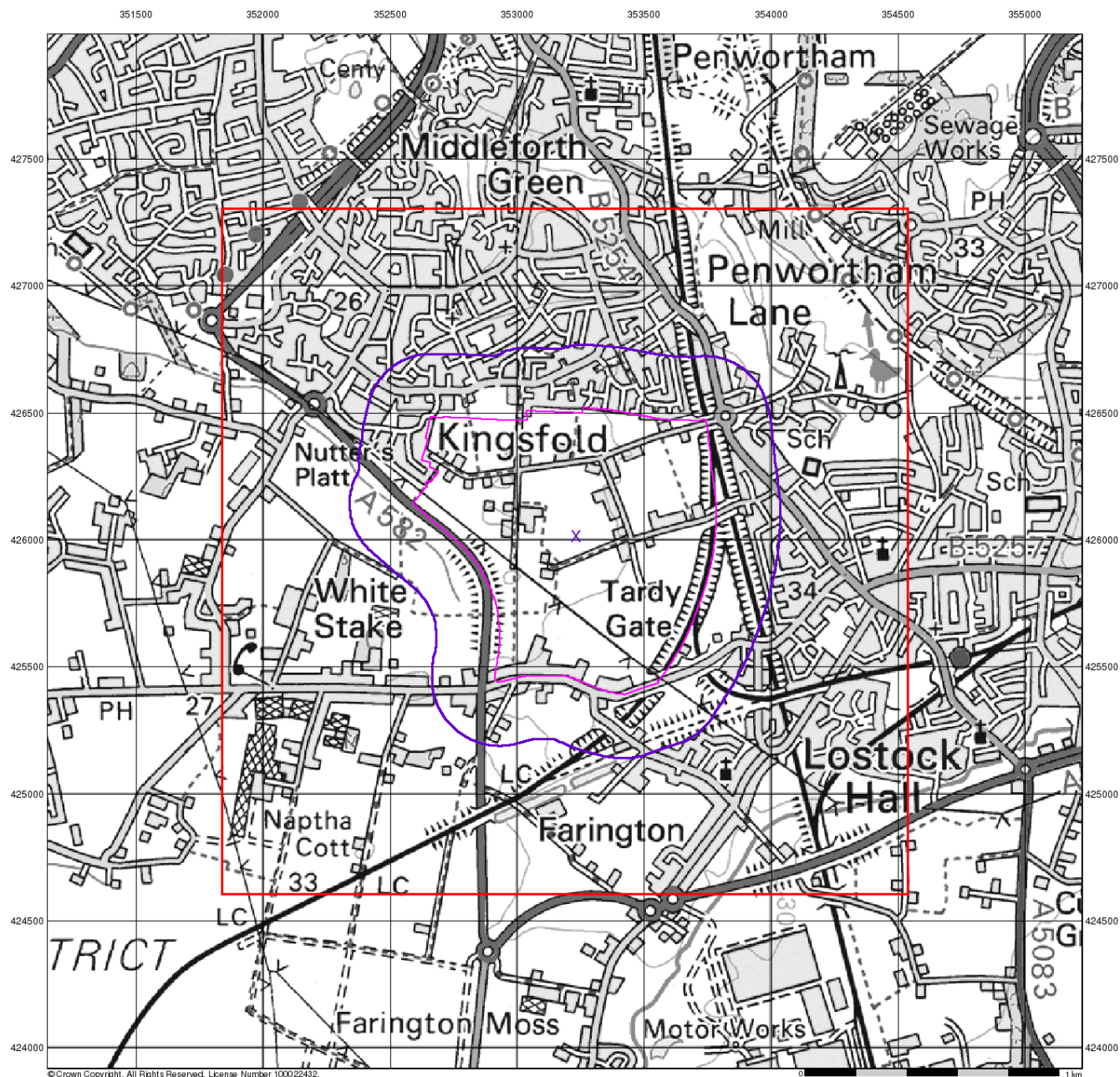
Order Number: 176066506_1_1
 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

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Source Protection Zones

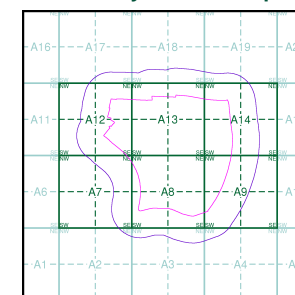
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

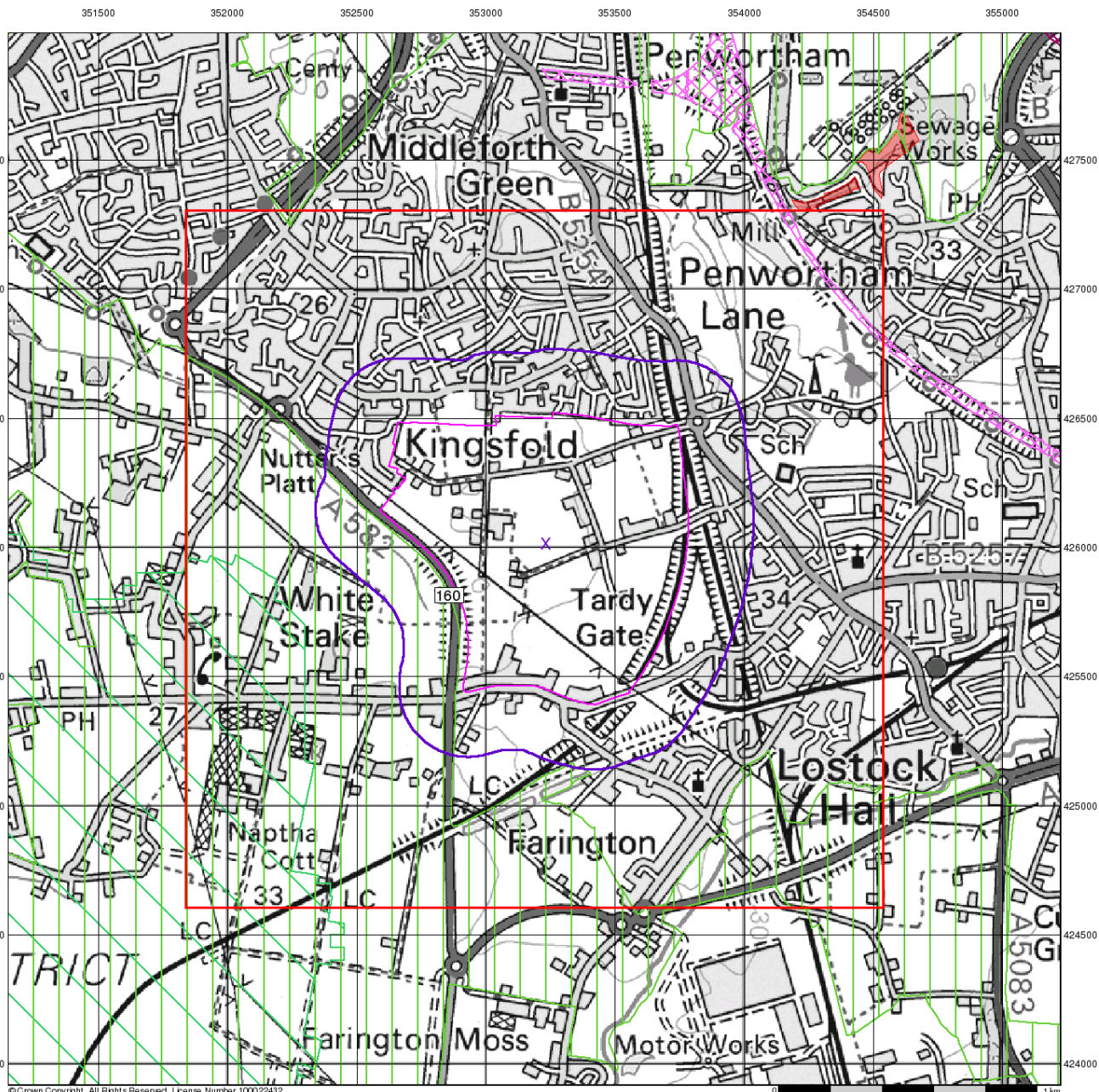
Order Number: 176066506_1_1
 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

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Sensitive Land Uses

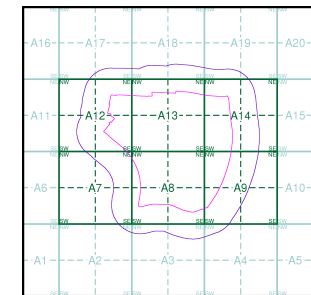
General

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

Sensitive Land Uses

- Ancient Woodland
- 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
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

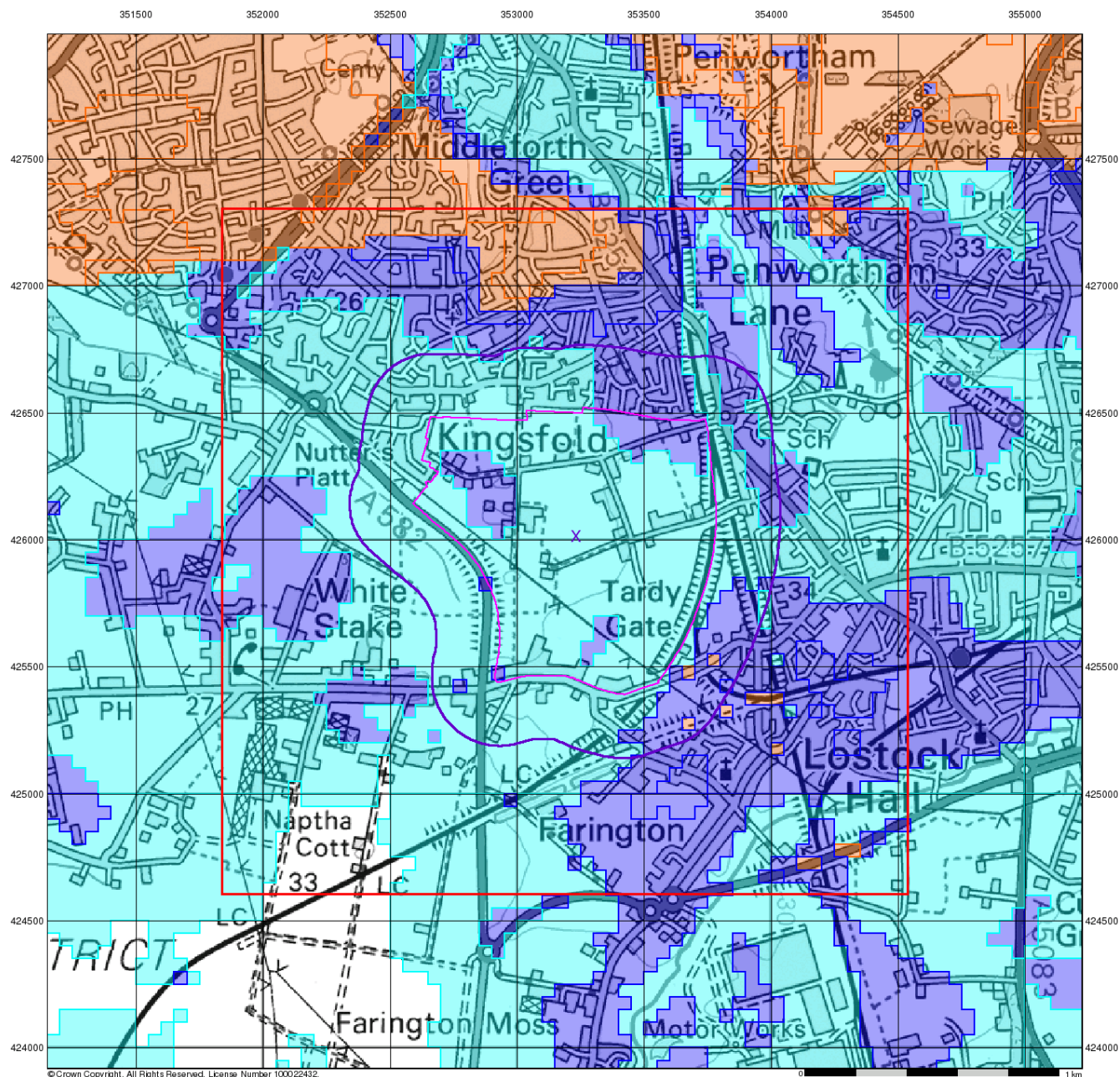
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 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

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BGS Flood GFS Data

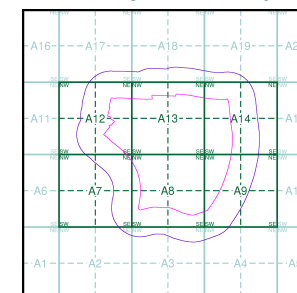
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 176066506_1_1
 Customer Ref: 3861
 National Grid Reference: 353230, 426020
 Slice: A
 Site Area (Ha): 99.74
 Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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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
- 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)
- Local Authority Recorded Landfill Site (Location)
- 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

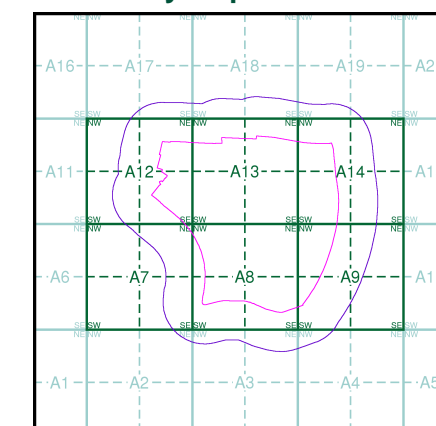
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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Industrial Land Use Map

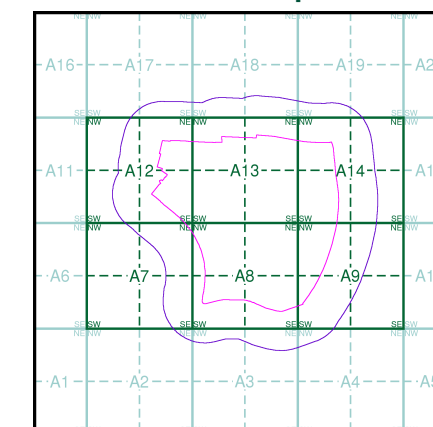
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

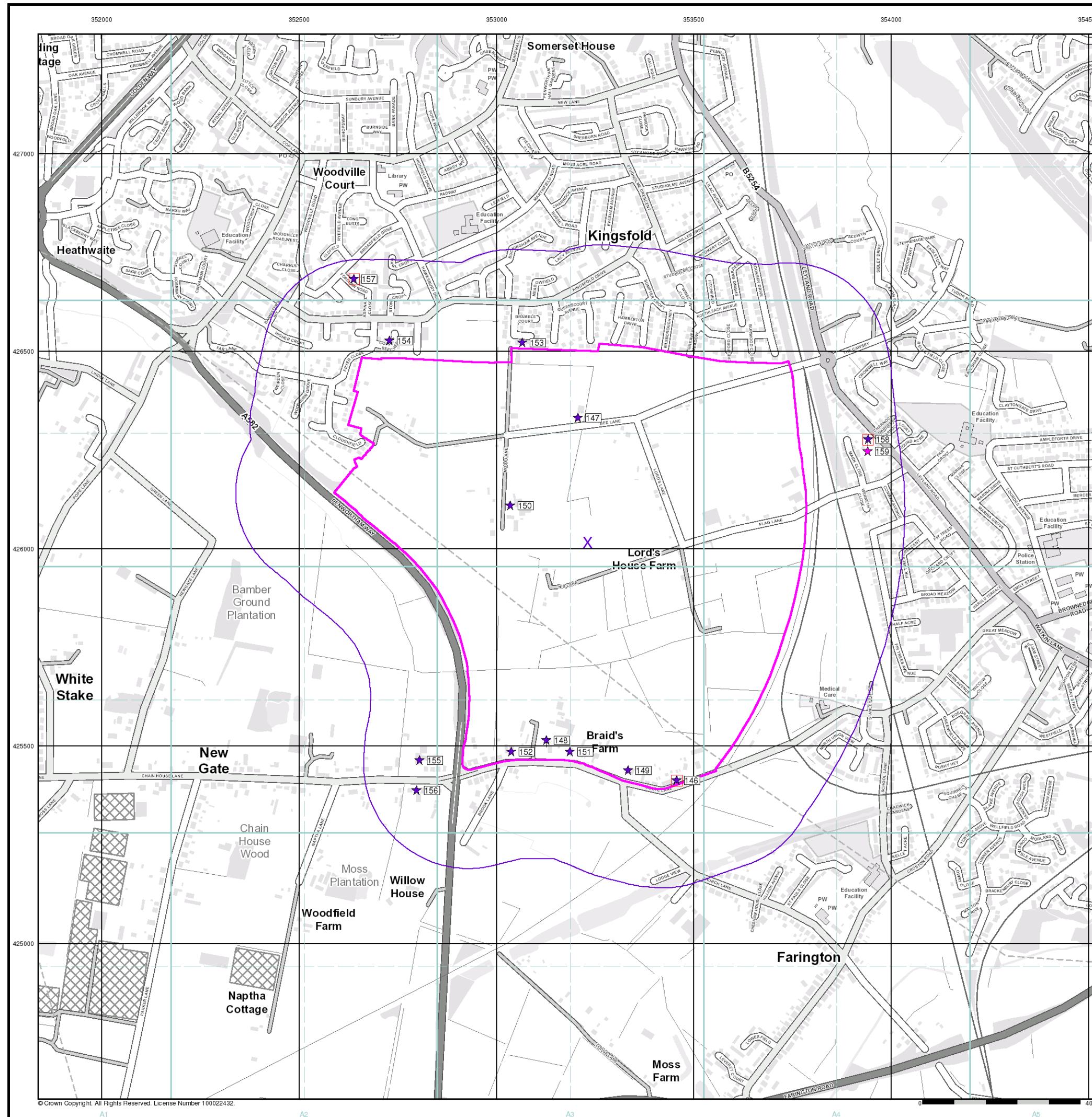
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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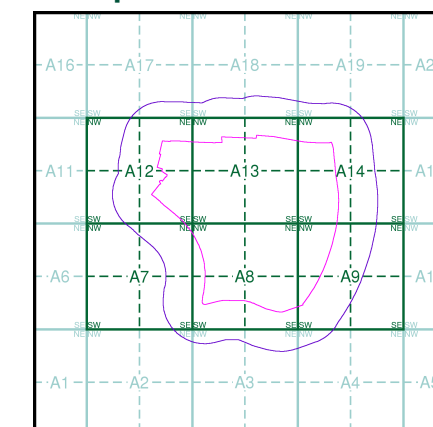
General

- 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

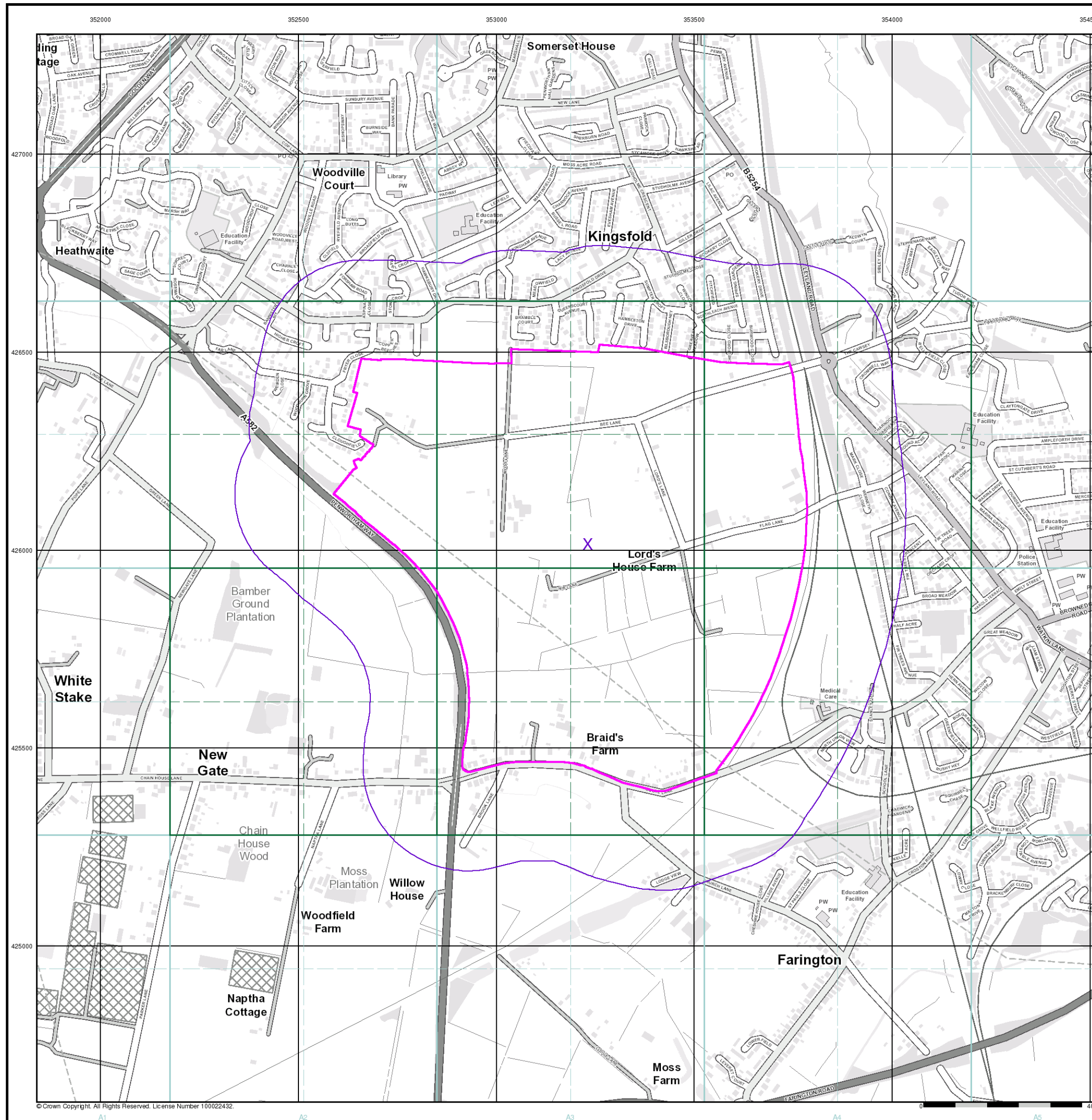
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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





General

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

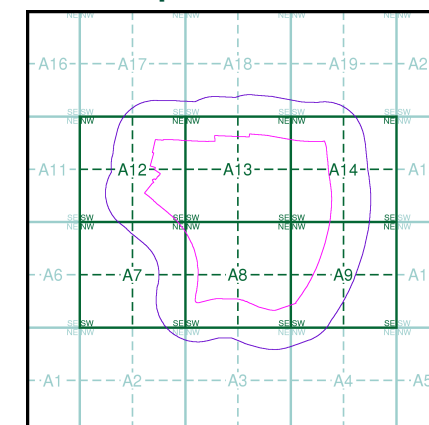
Agency and Hydrological (Boreholes)

- 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

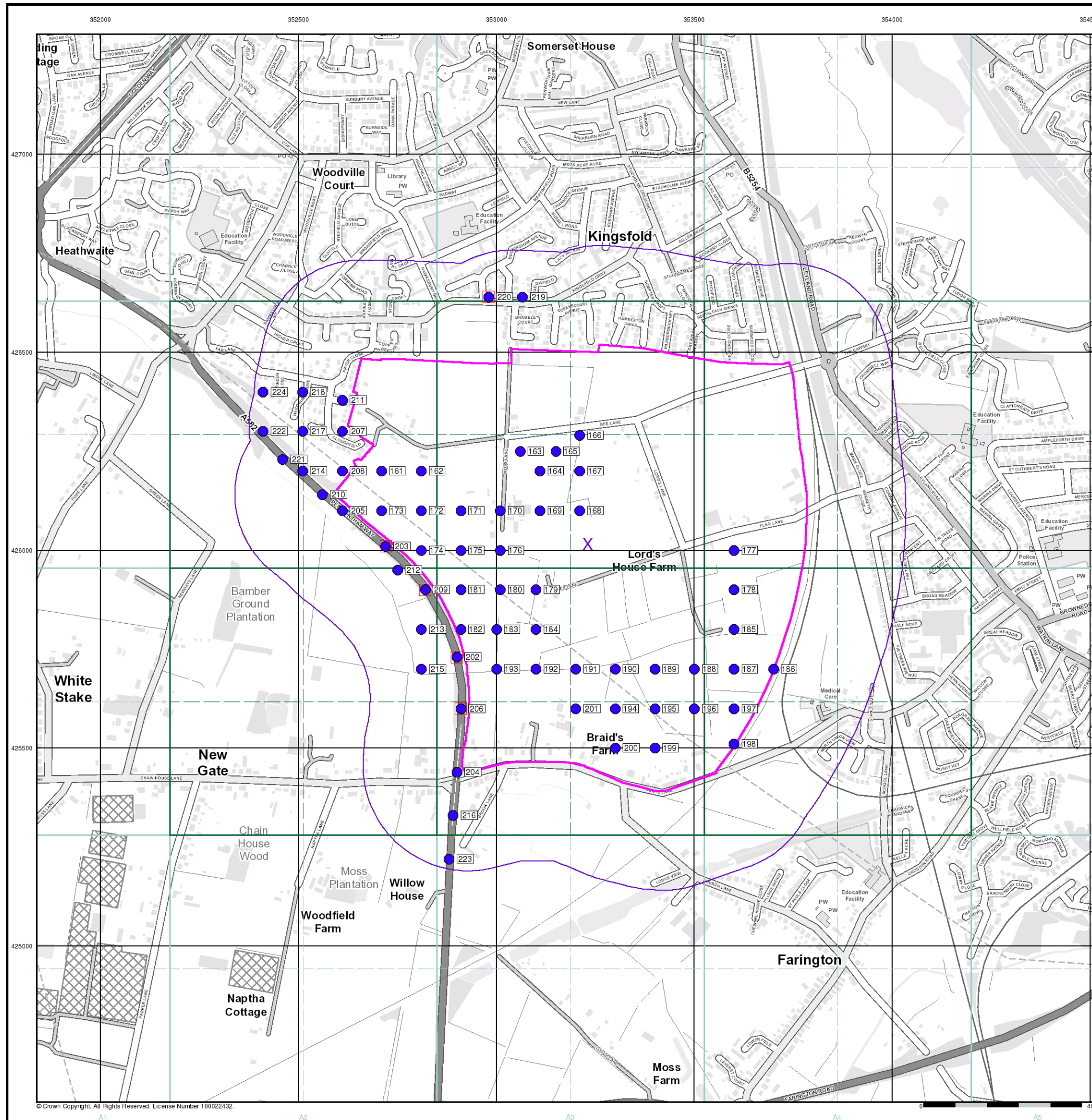
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





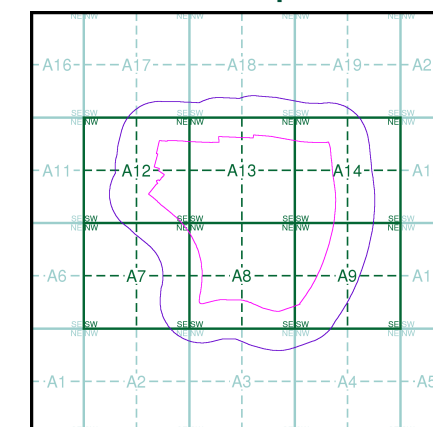
General

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

OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

OS Water Network Map - Slice A



Order Details

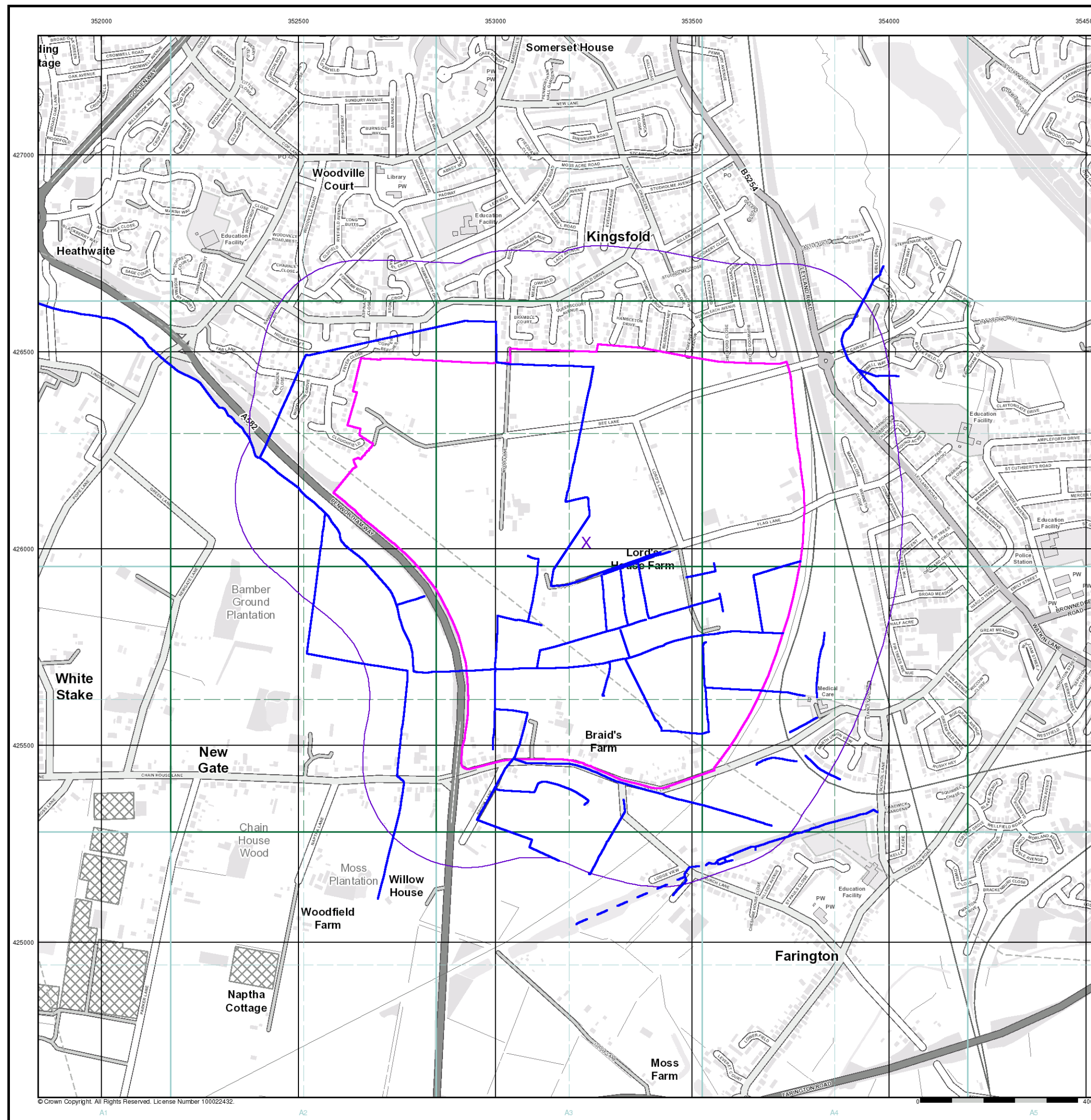
Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353230, 426020
Slice: A
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

Landmark
INFORMATION GROUP

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





Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Miss M Newby, Roc Consulting, Commercial Wharf, 6
Commercial Street, Manchester, M15 4PZ

Order Details

Order Number: 176066506_1_1
Customer Ref: 3861
National Grid Reference: 353250, 426010
Site Area (Ha): 99.74
Search Buffer (m): 250

Site Details

Pickering's Farm, Penwortham, PR1 9TQ

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



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Fax: 0844 844 9951
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ROC
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Civil Engineering



Structural Engineering



Earth Sciences



Strategic Land



Special Projects

THE LANES, PENWORTHAM

Commercial Wharf
6 Commercial Street
Manchester
M15 4PZ

T 0161 214 5390
W www.rocconsulting.com