



Ground and Environmental Services Limited

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**Reading Golf Club
Kidmore End Road
Reading
RG4 8SQ**

Phase 1 Contamination Risk Assessment

On behalf of Fairfax Properties



Document Reference: 12112

02/2019

air quality assessment contaminated land ecology environmental audits noise assessment
environmental impact assessments flood risk assessments geotechnical engineering ground investigation
hydrogeology noxious weeds remediation design risk assessments waste management

Site: Reading Golf Club, Kidmore End Road, Reading, RG4 8SQ

Document Reference No: 12112

Quality Management

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Date	February 2019
Revision	0

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1 INTRODUCTION

Ground and Environmental Services Ltd (GES) was commissioned by Fairfax Properties to undertake a Phase 1 Contamination Risk Assessment on a proposed redevelopment site at Reading Golf Club, Kidmore End Road, Reading, RG4 8SQ.

It was understood that the proposed end use of the site would be residential dwellings with private gardens, access roads and associated infrastructure. No specific development proposals are currently noted for the site.

The purpose of the contamination risk assessment was to provide a preliminary assessment of contamination issues based on current Contaminated Land Legislation, with reference to the sites current and historical usage.

In addition, a preliminary assessment of potential ground stability issues was undertaken with reference to the anticipated ground conditions across the site.

2 SITE LOCATION AND LAYOUT

The site is located on Kidmore End Road, approximately 1km north of the suburb of Caversham. The site is situated in a mixed residential and rural setting with the following features immediately bounding the site:

- North, the site is bound by open fields;
- East, the site is bound by residential properties and private gardens;
- South, the site is bound by residential properties and private gardens;
- West, the site is bound by residential properties and gardens, and open fields.

The site comprises an irregular shaped plot of land, occupying approximately 45 hectares, currently used as a golf course. A site layout plan is included at Figure 1.

A site walkover was undertaken on the 25th January 2019, details of which are included in Chapter 5 of this report.

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3 SITE HISTORY

A map search was carried out for the site and extracts of the following Ordnance Survey maps were obtained covering the period between 1878 and 2019.

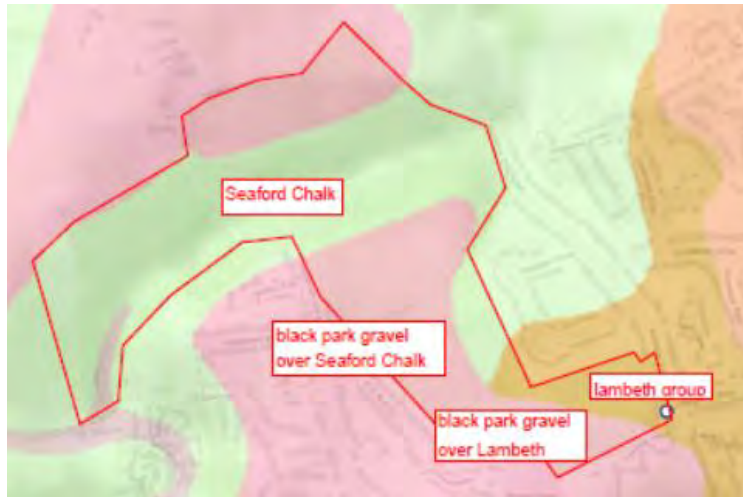
These are presented in Appendix 1 and the relevant historic details are summarised as follows:

Mapping Date Range	On Site	Surrounding Area
1878-1879	The site comprises several open fields, with a wooded area (Cucumber Wood) in the centre. A small wooded area is also noted in the western part of the site, along the boundary. An old chalk pit is shown in the western part of the site. No further significant features are noted within the site boundary.	The surrounding area is predominantly open fields, with residential dwellings to the south east and south. A chalk pit is noted on the northern boundary of the site
1882	No significant development is noted on site.	No significant development is noted in the surrounding area.
1900		
1901		
1914-1915	A structure is noted in the south eastern corner of the site.	Residential development has taken place south east of the site and approximately 100m south west of the site.
1938	The old chalk pit on site is no longer noted as such. Structure on site is noted as a club house.	Residential development has taken place immediately east of the site and south of the site
1960-1961	Two small sheds are noted in the centre of the site, within the wooded area. No further development is noted on site,	No significant development noted on site.
1970-1973	No significant development is noted on site.	Further residential development to the south of the site.
1991	Extension of the club house in the south eastern part.	No significant development noted on site.
1999	No significant development noted on site.	Residential development immediately south of the site.
2019		No significant development is noted on site.

4 ENVIRONMENTAL SETTING

4.1 GEOLOGY

Reference to the British Geological Survey 1:50,000 scale geological map of the area indicates that the geology underlying the site is the Lambeth Group – Clay, Silt and Sand in the south eastern part of the site, with superficial deposits of Black Park Gravel Member. The central part of the site comprises Seaford Chalk, with some Head deposits running north to south.



The geological memoir for the area described these strata as follows:

Lambeth Group

Vertically and laterally variable sequences mainly of clay, some silty or sandy, with some sands and gravels, minor limestones and lignites and occasional sandstone and conglomerate.

Seaford Chalk

Firm white chalk with conspicuous semi-continuous nodular and tabular flint seams. Hardgrounds and thin marls are known from the lowest beds. Some flint nodules are large to very large.

Black Park Gravel Member

Sand and gravel, with possible lenses of silt, clay or peat. Horizontally stratified, matrix-supported gravel with thin tabular cross-bedded sand channels. Gravel assemblage is characterised by abundant angular flint (75-89%), sparse rounded flint (3-9%), sparse vein quartz (4-10%) and sparse quartzite (1-6%).

Head Deposits

Polymict deposit: comprises gravel, sand and clay depending on upslope source and distance from source. Poorly sorted and poorly stratified deposits formed mostly by solifluction and/or hillwash and soil creep. Essentially comprises sand and gravel, locally with lenses of silt, clay or peat and organic material.

4.2 GROUNDWATER

Reference to the British Geological Survey 1:50,000 scale Aquifer Designation Dataset, shows the site to be set upon a Principal Aquifer within the Seaford Chalk, and Secondary (A) Aquifer in the Lambeth Group soils. Superficial Black Park Gravel deposits are designated as a Secondary (A) Aquifer.

Principal Aquifers are highly permeable formations. They are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.

Secondary Aquifers include a wide range of rock layers or drift deposits with an equally wide range of water permeability and storage. Secondary aquifers are subdivided into two types

Secondary A are permeable layers capable of supporting water supplies at a local scale, and may be an important source of base flow to rivers. These include a wide range of rock layers or drift deposits with an equally wide range of water permeability and storage.

The central and eastern part of the site are within an Environment Agency-defined Groundwater Source Protection Zone (III) Total Catchment.

4.3 RADON

Reference to the National Radiological Protection Board's "Radon Atlas of England and Wales" indicated that less than one percent (<1%) of houses within the 5 km square which includes the site have radon concentrations above the action level of 200 Bq/m³.

The site is therefore not located within a "Radon Affected Area" and therefore no special measures need be incorporated into buildings.

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4.4 OTHER ENVIRONMENTAL INFORMATION

Reference was made to the environmental database Landmark, extracts from which are provided in Appendix 2. Relevant information relating to the sites environmental sensitivity is summarised as follows:

Dataset		On site	Nearest significant off-site feature
Agency & Hydrological	Discharge Consents	Sewage Discharge	53m north. Sewage discharge.
	Local Authority Pollution Prevention and Controls	None	555m south west. Petrol filling station.
	Nearest Surface Water Feature	None	62m east.
	Pollution Incidents to Controlled Waters	None	8m north east. Oils. Category 3 Minor Incident. 1998.
	Water Abstractions	Golf Course: Spray Irrigation	1234m west. Golf Course: Spray Irrigation.
	OS Water Network Lines	None	338m south east. Inland River on ground surface.
Waste	BGS Recorded Landfill Sites	None	117m north.
	Historical Landfill Sites	None	80m north. Deposited Waste including Inert, Industrial, Commercial and Household Waste, and Liquid Sludge.
	Local Authority Landfill Coverage	Yes	
	Local Authority Recorded Landfill Sites	None	25m north. Untreated Domestic and Trade.
	Registered Landfill Sites	None	200m north. No known restriction on source of waste.
Geological	BGS Recorded Mineral Sites	Opencast Chalk mine on site. Ceased.	16m north east. Opencast chalk mine. Ceased.
	Mining Instability	Conclusive Rock Mining	
	Natural Cavities	Sinkholes, Solution Pipes	
	Potential for Collapsible Ground Stability Hazards	Very low	
	Potential for Compressible Ground Stability Hazards	No hazard	
	Potential for Ground Dissolution Stability Hazards	Very low – High	
	Potential for Landslide Ground Stability Hazards	Very low – Low	

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Dataset		On site	Nearest significant off-site feature
	Potential for Running Sand Ground Stability Hazards	Very low	
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	Very low – Moderate	
Industrial Land Use	Contemporary Trade Directory Entries	None	23m north. Mechanical Engineers – Inactive.
	Fuel Station Entries	None	266m east. Obsolete.
Sensitive Land Use	Ancient Woodland	Cucumber Wood	111m north east. Chambers Copse.
	Areas of Outstanding Natural Beauty	None	471m north west.
	Local Nature Reserves	None	373m east.
	Nitrate Vulnerable Zones	Yes. Surface Water.	

5 SITE WALKOVER

A site walkover was undertaken on 25th January 2019 by a suitably experienced member of GES. The salient points of the walkover and photographs are included below. The current site layout is included in Figure 1 - Site Layout Plan.

At the time of the site walkover, the site comprised an 18-hole golf course, comprising sand bunkers, and varying ground levels.



Vegetation on site was noted to be in good condition, with no visible dead patches or staining noted. Well established areas of vegetation were present across the golf course, as well as an area of ancient woodland in the centre of the site.



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In the central part of the site, just inside the wooded area, was the groundkeeper's sheds. These sheds were 'nissan' style units roofed with corrugated metal and plastic. No evidence of asbestos cement sheeting was observed. Within the sheds were stored various vehicles used in maintaining the golf course, as well as tools, and materials for the maintenance of the vehicles. The concrete floor slabs within the buildings were noted to be free of significant oil staining.



An integrally bunded waste oil tank was noted in the vicinity of the sheds adjacent to the compound entrance. On the other side of the entrance was an integrally bunded diesel/heating oil tank and site safe for the storage of materials used by the ground staff. Around the tanks were a number of drums and sundry containers used for the storage of various chemicals. These drums were noted to be stored directly on the concrete hardstanding and not on spillage containment pans. The majority of the drums were empty. Runoff from the concrete hardstanding upon which the tanks and drums were stored was noted to be free of visually evident spillages/leaks. Runoff from the hardstanding is likely to be discharged to the adjacent made ground within the wooded area.



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Two large water storage tanks were noted as well, which were part of the course irrigation system.



In the south eastern part of the site was the Golf Clubhouse, and access road and parking facilities. Whilst the tarmacked carpark was noted to be worn in parts no evidence of significant differential settlement was observed. The clubhouse comprising office accommodation, bar, conference/training rooms and pro shop together with associated living accommodation comprises brick skinned, tiled roofed single and two storey buildings. No evidence of excessive subsidence in the form of cracking etc was observed. Subfloor voids were vented through a mixture of vent bricks and gravel filled trenches which were clean of vegetation and well maintained.



6 CONTAMINATION RISK ASSESSMENT

This risk assessment has been undertaken with due regard to the advice relating to groundwater as provided in the Environment Agency's "Methodology for the Derivation of Remedial Targets for Soil and Groundwater to Protect Water Resources", the advice provided in the Contaminated Land (England) Regulations 2000, and the associated statutory guidance. The guidance defines contaminated land as any land that is in such a condition that by reason of substances in, on or under the land:

- Significant harm is being caused or there is a significant possibility of such harm being caused; or
- Pollution of controlled water is being or is likely to be caused.

This definition is based on the principles of risk assessment defined as a combination of the probability (or frequency) of occurrence of a defined hazard and the magnitude (including the seriousness) of the consequences. Central to the risk assessment process is the concept of pollutant linkage, that is a linkage between a contaminant and a receptor by means of a pathway.

Statutory definitions relating to pollution linkage.	
Contaminant	"a substance which is in, on or under the land and which has the potential to cause harm or to cause pollution of controlled waters."
Receptor	"a living organism, a group of living organisms, and ecological system or a piece of property" which meets given criteria. "controlled waters which are, or could be, polluted by a contaminant".
Pathway	"one or more routes or means by, or through, which a receptor: • is being exposed to, or affected by, a contaminant, or • could be so exposed or affected".

The relationship between these components is discussed below in order to identify the existence of any source-pathway-receptor linkage on the site, and hence the potential risks associated with any contamination. This risk assessment is based on the change of use from a golf course to a residential development with assumed garden areas.

The significance of the risks to the receptors/targets identified is based on an evaluation of the potential pathways between the contaminant source and receptors based on a residential end use with plant uptake.

Potential receptors/targets at the site and in the area in which the site is located include:

- Future occupants and the public;
- Construction/maintenance workers;
- Groundwater resources;
- Underground services in and around the site.

6.1 CONTAMINANT SOURCES

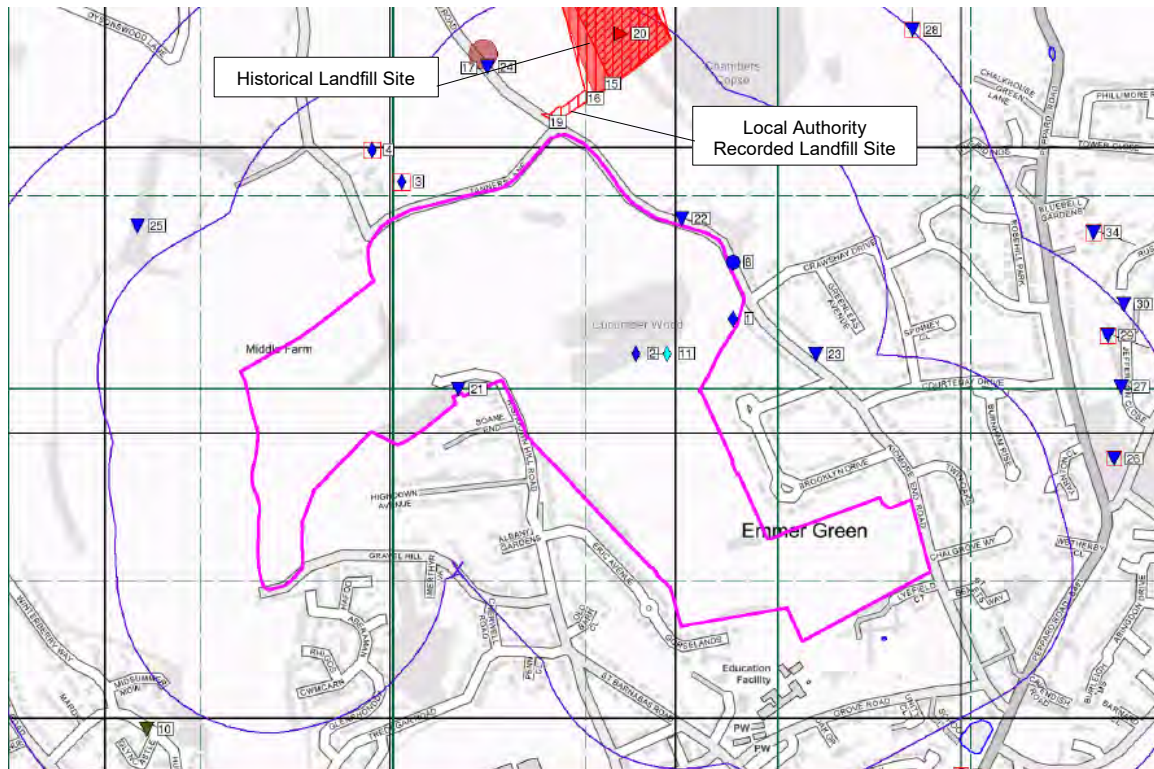
From the historical maps there are generally no clear signs of significant on-site sources of contamination. The site walkover identified an area in the centre of the site which is used as groundkeeper sheds, with vehicles and fuel and waste oil integrally bunded tanks and chemical containers. There is potential for hydrocarbon contamination of the underlying soils in this area, although no evidence, visual or olfactory, was noted of any recent spillages or leaks.

An opencast chalk mine was noted in the southwestern part of the site. This may have been in-filled, and as such there may be a risk of contamination from any impacted made ground materials used in the filling of the pit. The excavation was noted to be approximately 50m wide and was noted up until approximately c. 1938.

GES would consider it prudent to undertake an intrusive investigation at the locations of the groundkeeper's sheds, waste oil container, and the old chalk pit, in order to determine the presence or absence of any ground contamination arising from the sites historical use.

Off-Site Sources

As can be seen from the Figure below, and as indicated within the desk study data, there is a Local Authority Recorded Landfill Site approximately 25m north of the site. Details of the waste accepted are Untreated Domestic and Trade. An Historical Landfill Site is noted approximately 80m north of the site, which was described as accepting Deposited Waste including Inert, Industrial, Commercial and Household Waste, and Liquid Sludge. Decomposing waste within landfill sites are known to produce landfill gas which has the potential to migrate off-site, and in this case, could migrate to the proposed development site. The risks from this source are considered moderate and further investigation is considered necessary. It is therefore recommended that the presence of any such gas is investigated further to enable any necessary remedial measures to be suitably assessed as part of the proposed development works.



Site in Relation to former Landfill Sites

6.2 RISK TO HUMAN HEALTH

Potential sources of contamination may be present in the underlying soils in the areas of the groundkeepers shed, and the former chalk quarry on site.

In addition, given the off-site landfill site identified above, there is the potential for significant ground gas concentrations on site, which could potentially pose a significant risk of significant harm to human health.

It is therefore recommended that an intrusive investigation of these areas is carried out. Intrusive investigation of the soils on site along with chemical analysis of selected samples would give a comprehensive picture of the nature of the ground contamination on site. Additionally, a suitable ground gas investigation should be carried out in the northern part of the site, to establish whether any significantly elevated gas concentrations are present in the ground subsurface.

6.3 RISKS TO WATER RESOURCES

The geology underlying the site is the Lambeth Group and Seaford Chalk Formation, designated as Secondary A, and Principal Aquifers, respectively. The eastern part of the site is situated with a Groundwater Source Protection Zone III.

Potential mobile contamination in the form of hydrocarbons may be present in the underlying soils in the area of the groundkeeper's sheds, and waste oil container. The extent of ground contamination is unknown, and the absence of a groundwater level underlying the site, the risk to water resources is unknown and therefore assumed to be low to moderate in this area.

6.4 RISKS TO PLANTS

There is an absence of any clear signs of contamination observed on site or in the desk study element. The exceptions are the area around the groundkeepers shed, and the former chalk quarry. In these areas the risk to plants is considered to be low to moderate in the absence of a ground investigation.

6.5 RISKS TO BUILDINGS & SERVICES

There is potential for hydrocarbon contamination to be present in the underlying soils around the area of the groundkeeper's shed and the old chalk quarry. There is potential for damage to underground service pipes if any hydrocarbon contamination is present in underlying soils, and therefore it is considered that the risks to proposed buildings and services are low to moderate. This assumption is made in the absence of more detailed ground investigation.

6.6 WASTE DISPOSAL

Should an excess volume of soil be required to be disposed of off-site then a waste classification may be required.

For a waste classification to be undertaken, materials may need to be subjected to leachate testing which would give an indication to the soluble component of contaminants and, therefore those most toxic to the environment in the waste. The classification will then allow the appropriate disposal pathway to a suitably licensed disposal facility to be determined.

7 GROUND STABILITY RISK ASSESSMENT

A number of roughly circular shallow depressions were noted during the walkover survey. Most of these were observed in close proximity to both site boundaries and close to the greens. Therefore, it is possible that these depressions are the remnants of partially reinstated bunkers. However, given the location of these shallow depressions close to areas of rough it is possible given the underlying geology they may be the remains of backfilled solution features. Therefore, a Mining and Ground Stability Report was obtained from Landmark.

The Mining and Ground Stability Datasheet obtained from Envirocheck (see Appendix 3) indicates that the geology beneath the site is considered at very low risk for compressible and collapsible ground stability hazards.

Four natural cavities have been identified within the site boundary, in total comprising 4 sinkholes and 43 solution pipes, see Figure 2. Thirty-three natural cavities have been recorded within 1km of the site boundary comprising sinkholes, solution pipes and swallow holes.

It is considered likely that further dissolution features may be encountered during the redevelopment of the site.

Given the underlying geology and the lack of ground disturbance likely to have taken place at site it is likely that any buildings constructed on site will be on shallow foundations either strips or pads. Therefore, once building layouts have been finalised and foundation runs known it is likely that a pre-excavation survey based on dynamic probing will be required.

If solution features are identified in this survey, then it is likely that foundations will require reinforcement. If larger features are found, then backfilling with cement grout or similar may have to be considered.

In addition as any surface water management will comprise shallow soakaways discharging into the underlying chalk strata any such soakaways may have to be sited a minimum of 20m away from any buildings.



8 PRELIMINARY CONCEPTUAL SITE MODEL

From the findings of the desk study research and site walkover, a conceptual model of the site was developed. A conceptual site model (CSM) is a system diagram identifying contaminant sources, routes of exposure (pathways), and which receptors are affected by contaminants moving along those pathways.

The model is produced to identify the zones of the site with different potential contaminations characteristics (e.g. whether contaminants in the soil are likely to be on the surface or at depth, distributed over an entire area or in localized 'hot spots').

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Source	Pollutant		Pathway	Hazard		Receptor	Observations/ Recommendations	Assessed Risk
Contaminated ground	Metals (i.e. arsenic, copper, cobalt lead), and organic compounds.	→	Direct contact, ingestion, and inhalation.	Health risks including skin irritation.	→	Humans: site workers and future occupants.	Potential for contamination in underlying soils in area of sheds and old chalk quarry. Intrusive investigation recommended to determine presence or absence of ground contamination.	Low - Moderate
			Ingestion.	Consumption of homegrown produce.	→	Humans – future site users.		Low - Moderate
			Uptake by plants.	Phytotoxic effects.	→	Soft landscaped areas / plants.	Future development may include soft landscaping. Potential sources of contamination identified on site and potential underground contamination in area of sheds and former chalk quarry.	Low - Moderate
			Surface run off from hardstanding areas.	Lateral movement to surface watercourses.	→	Aquatic resources, ecology and subsequent users including humans.	There are no surface water courses in immediate vicinity of the site.	Low
			Leaching/Dispersion.	Downward migration to groundwater.	→	Aquatic resources – Groundwater abstractions wells / surface waters.	Potential sources of mobile contamination identified on site. Bedrock geology is Secondary A in Lambeth Group and Principal Aquifer in Seaford Chalk Formation. Depth of groundwater unknown.	Low - Moderate

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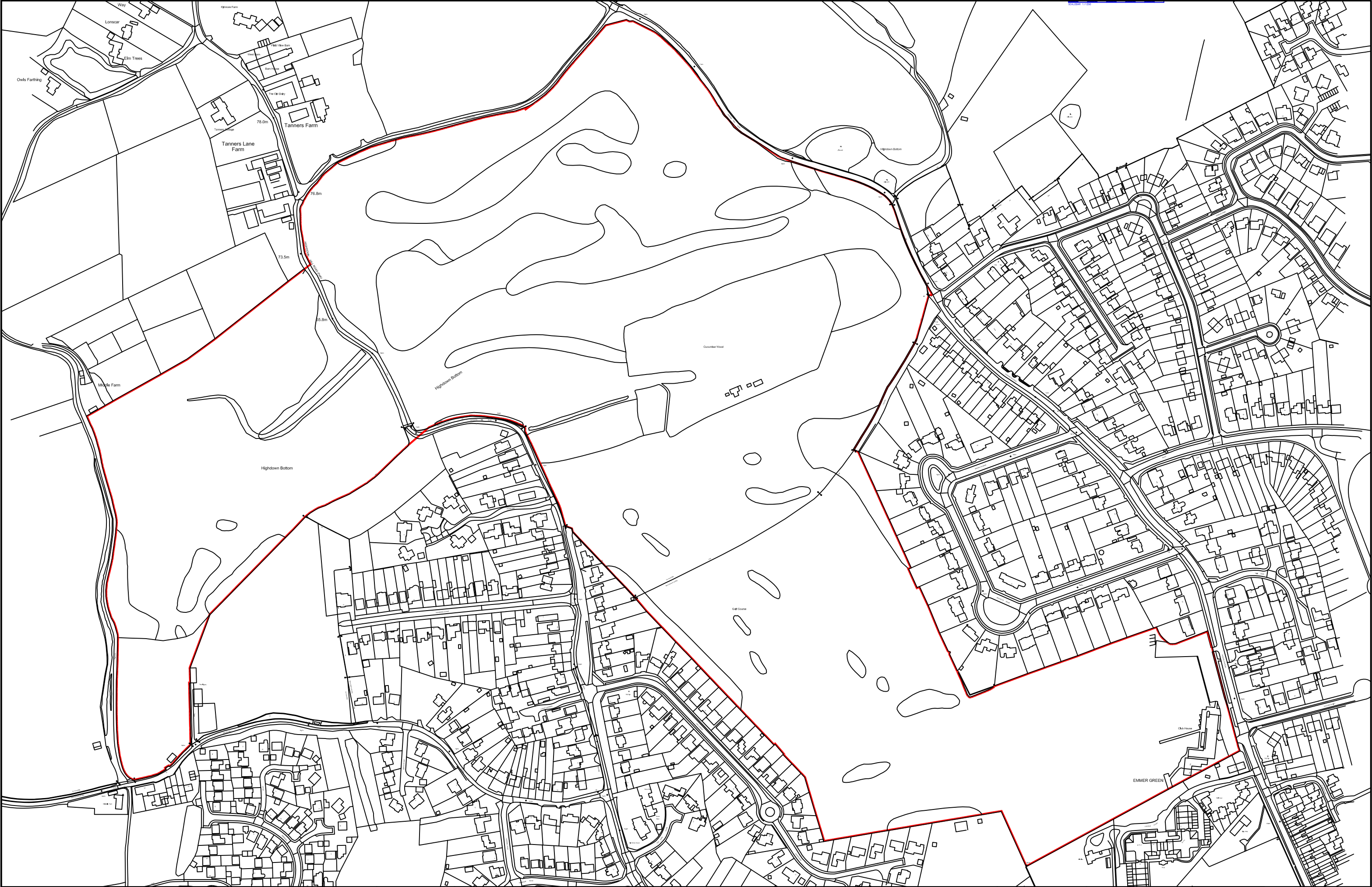


Source	Pollutant		Pathway	Hazard		Receptor	Observations/ Recommendations	Assessed Risk
			Direct contact	Aggressive chemical attack	→	Building structures and services	Potential for mobile contamination in area of sheds and former chalk quarry.	Low - Moderate
Liquid contaminant sources	Diesel, Petrol and Oils.	→	Direct contact; ingestion, inhalation.	Health risks including skin irritation. Lateral and vertical migration of contaminants.	→	Humans: site workers and future occupants. Groundwater and surface water.	Storage of waste oils noted in area of groundkeeper's shed.	Low - moderate
Building materials	Asbestos.	→	Inhalation.	Asbestosis.	→	Humans: site workers.	No ACM noted on site.	Low
Landfill, Made ground	Ground Gases (CO ₂ , CH ₄)	→	Inhalation and ingress into buildings	Asphyxiation and explosions	→	Buildings/humans/future site users	Made ground fill likely present in area of old chalk quarry on site. Given the proximity of the historical landfill sites to the north, the possibility of landfill gas present below the site or migrating onto the site cannot be discounted and therefore further investigation is recommended.	Moderate

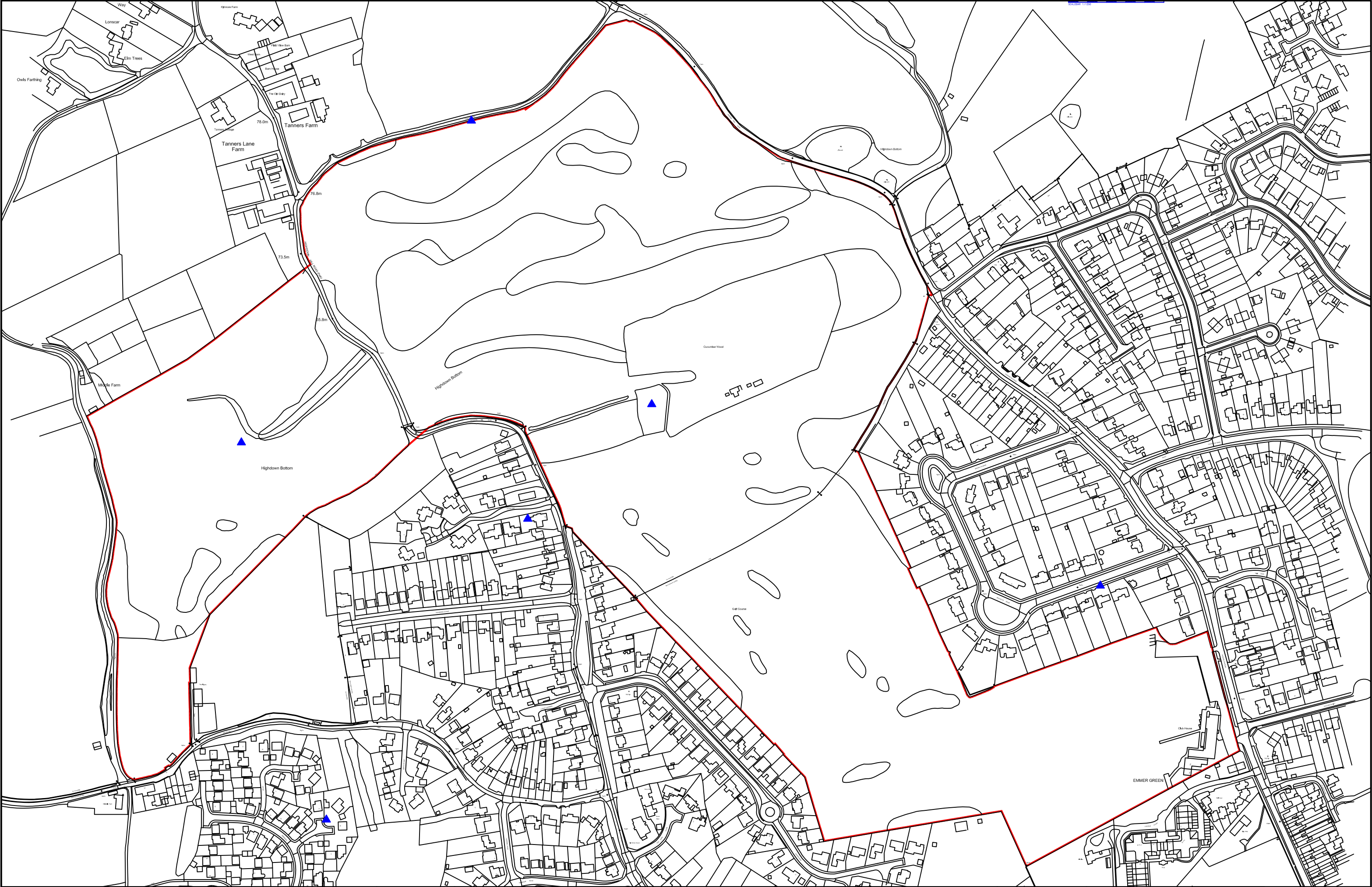
9 CONCLUSIONS AND RECOMMENDATIONS

Ground and Environmental Services Ltd undertook a Phase 1 Contamination Risk Assessment at Reading Golf Club, Kidmore End Road, Reading, RG4 8SQ. The purpose of the Contamination Risk Assessment was to provide a preliminary assessment of contamination issues based on current Contaminated Land Legislation with regards to a change of use of the site from a golf course to a residential end use with plant uptake.

- The site is currently an 18-hole golf course.
- Future development of the site may include residential units with access to areas of soft landscaping.
- The bedrock geology underlying the site is the Lambeth Group Formation, which is designated as a Secondary A Aquifer, and the Seaford Chalk Formation, which is designated as a Principal Aquifer.
- The site is located within an Environment Agency-designated Groundwater Source Protection Zone III.
- Potential ground contamination may be present in the soils underlying the groundkeeper's sheds and associated fuel storage and waste oil tanks and sundry containers, as well as the former chalk quarry.
- The risks to human health, plants, water resources, and buildings and services is assumed to be moderate in these areas in the absence of a more detailed site investigation.
- Desk Study data has identified the presence of historical landfills located to the north of the site. The possibility of landfill gases migrating towards the site can therefore not be discounted and it is recommended that this should be investigated to ascertain whether any gas protection measures should be incorporated into any proposed structures constructed on the site.
- It is therefore recommended that confirmatory samples are collected from the soils underlying the site in the areas of the groundkeeper's sheds, waste oil container, and former chalk quarry. In addition, a series of gas monitoring wells should be installed in the northern part of the site, where gases may migrate from the historical landfill sites, and a gas monitoring programme implemented. This would take the form of a Phase 2 Intrusive Investigation of the site. An outline investigation protocol is attached at Appendix 4.



WS - Window Sample BH - Borehole TP - Trial Pit HDTP - Hand Dug Trial Pit DCP - Dynamic Cone Penetration Test HA - Hand Auger DP - Dynamic Probe GM - Gas Monitoring Standpipe SP - Soakage Pit PT - Percolation Test S - Sample Location	Site: Reading Golf Club, Kidmore End Road, Reading, RG4 8SQ		Client: Fairfax Properties		Drawn: PJ	Rev.:		Unit 2 Montpelier Business Park, Dencora Way, Ashford, Kent TN23 4FG Tel: 01233 646 237
	Title: Figure 1 Site Layout Plan		Project: 12112		Date: 02/2018	Scale:		



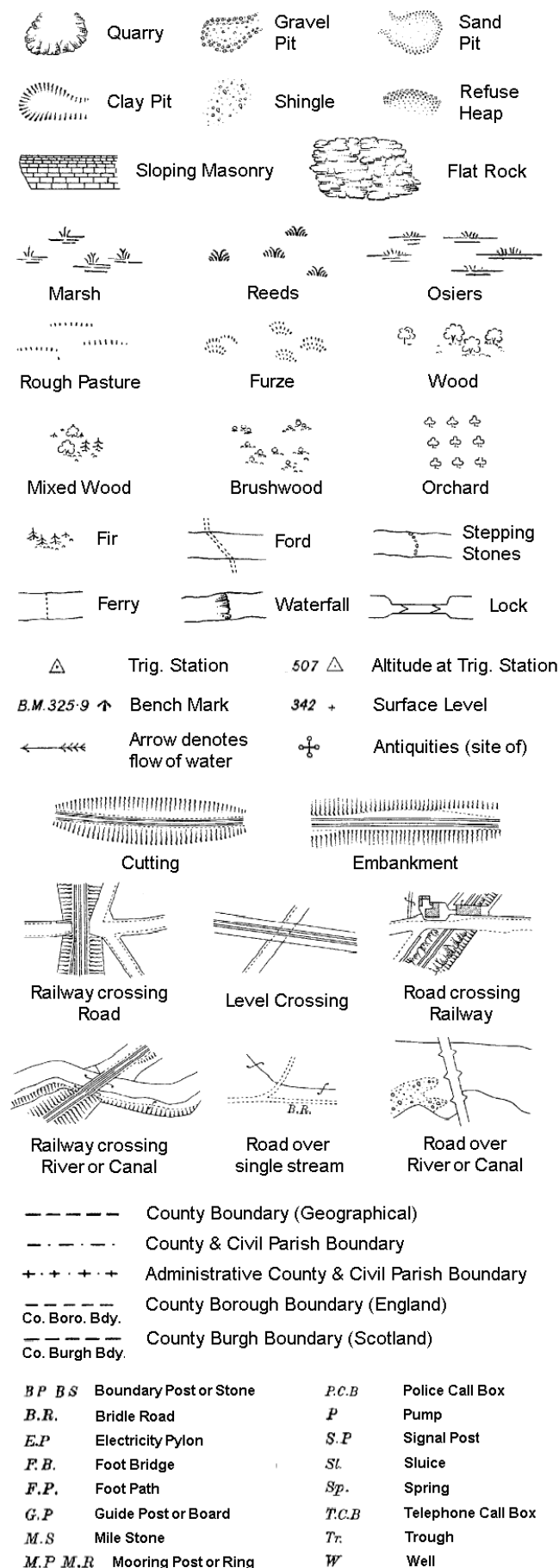
WS - Window Sample BH - Borehole TP - Trial Pit HDTP - Hand Dug Trial Pit DCP - Dynamic Cone Penetration Test HA - Hand Auger DP - Dynamic Probe GM - Gas Monitoring Standpipe SP - Soakage Pit PT - Percolation Test S - Sample Location	Site: Reading Golf Club, Kidmore End Road, Reading, RG4 8SQ		Client: Fairfax Properties	Drawn: PJ	Rev.:		Unit 2 Montpelier Business Park, Dencora Way, Ashford, Kent TN23 4FG Tel: 01233 646 237
	Title: Figure 2 Location of Natural Cavities		Project: 12112	Date: 02/2018	Scale:		



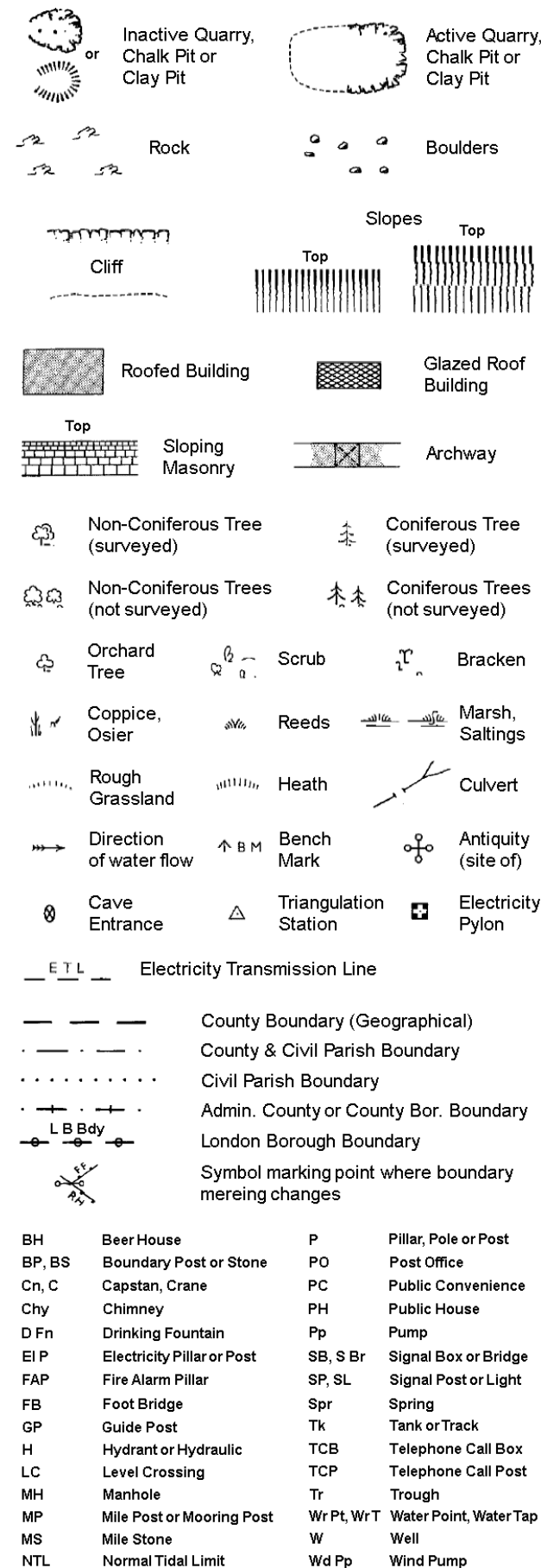
APPENDIX 1
HISTORICAL MAPS

Historical Mapping Legends

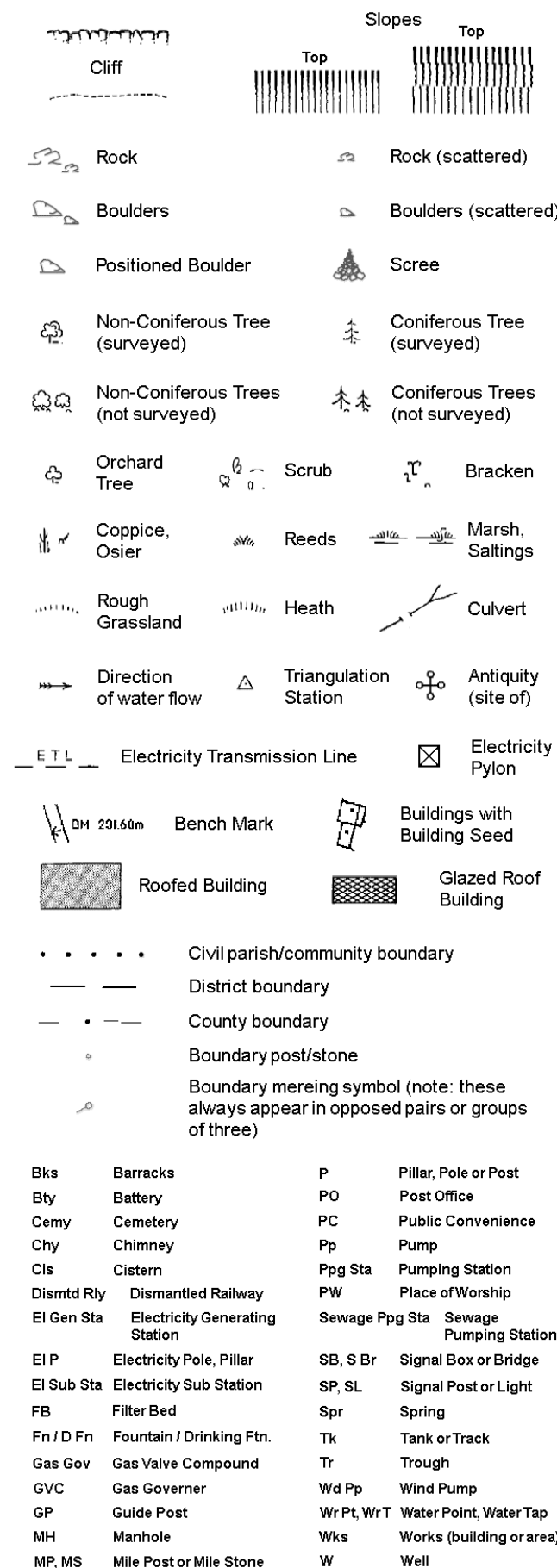
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



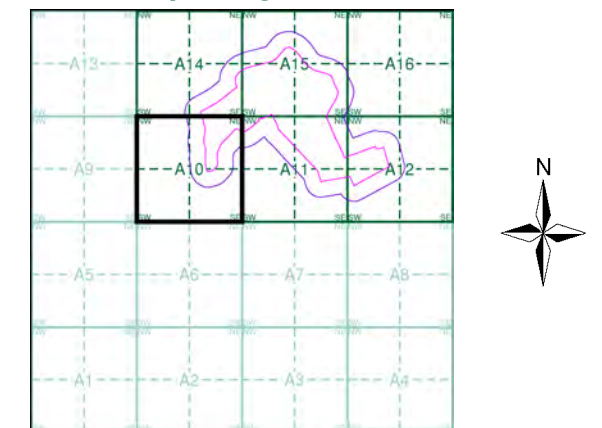
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1878	2
Oxfordshire	1:2,500	1898	3
Berkshire	1:2,500	1913	4
Berkshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1956 - 1964	6
Ordnance Survey Plan	1:1,250	1956 - 1957	7
Additional SIMs	1:1,250	1957 - 1992	8
Additional SIMs	1:2,500	1964	9
Ordnance Survey Plan	1:1,250	1967 - 1974	10
Ordnance Survey Plan	1:1,250	1976	11
Additional SIMs	1:1,250	1988	12
Additional SIMs	1:2,500	1990	13
Large-Scale National Grid Data	1:2,500	1993	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1994 - 1995	16
Large-Scale National Grid Data	1:1,250	1995	17

Historical Map - Segment A10



Order Details

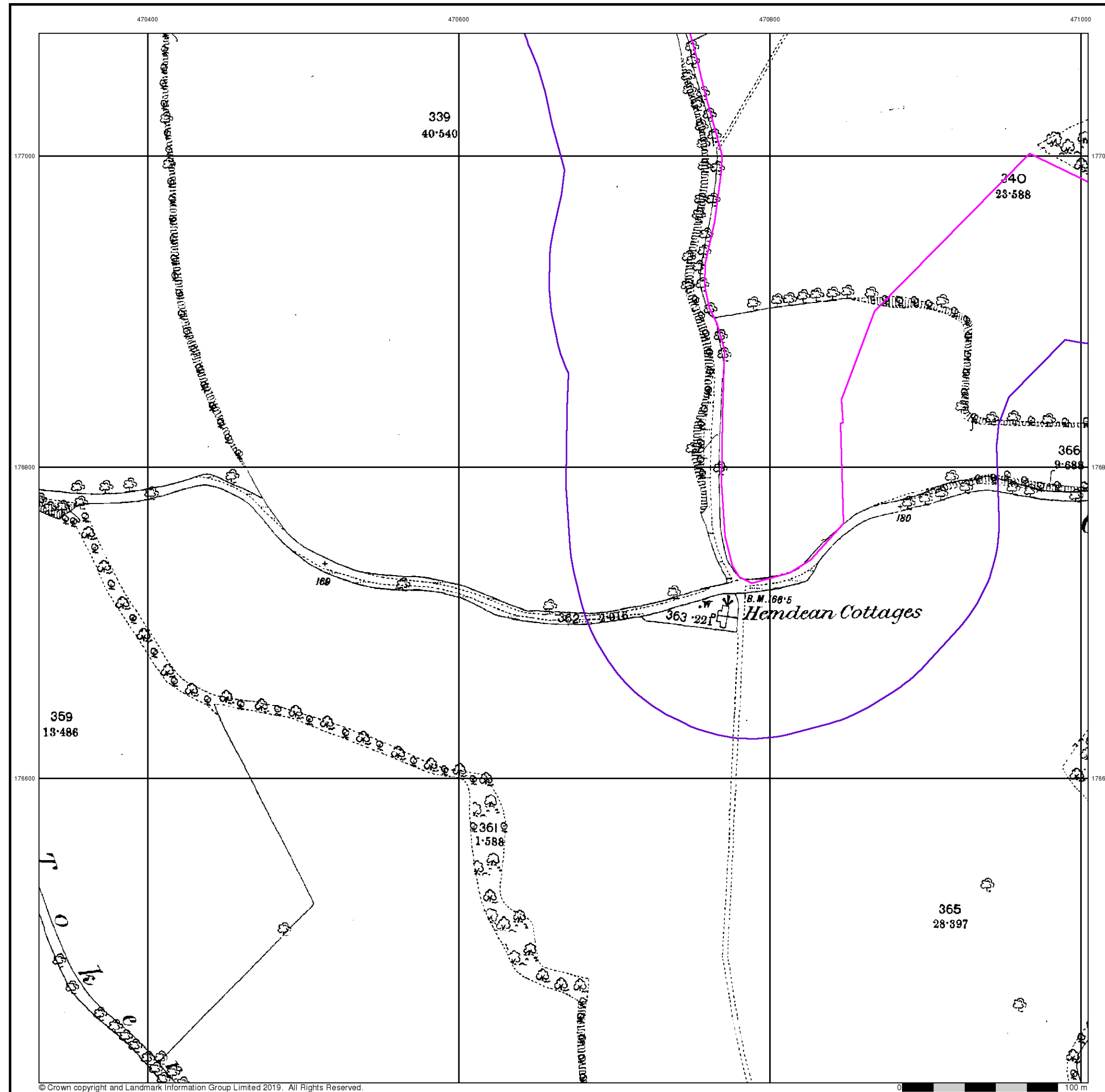
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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



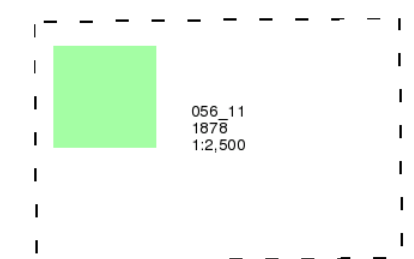
Oxfordshire

Published 1878

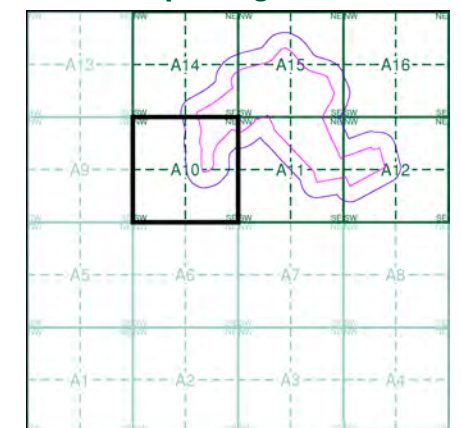
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

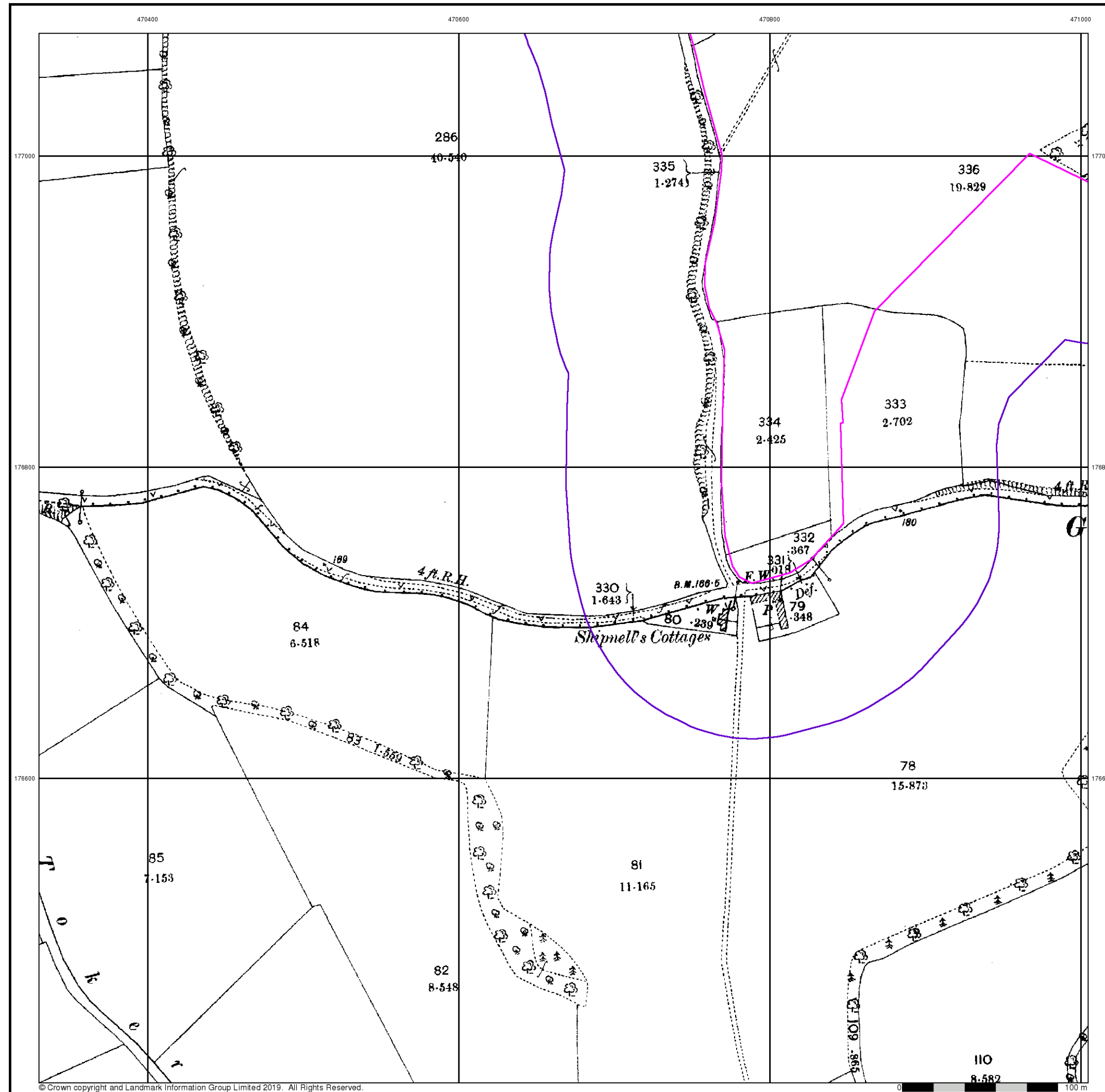
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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



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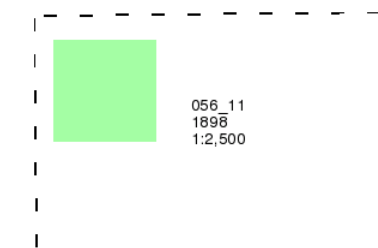
Oxfordshire

Published 1898

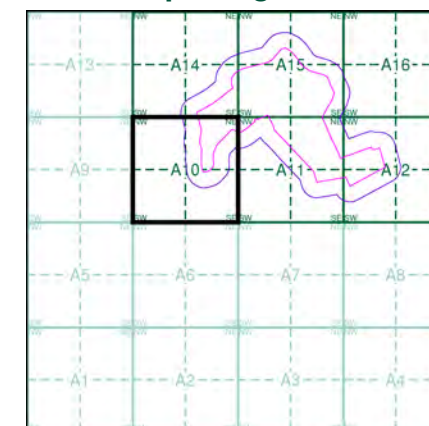
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

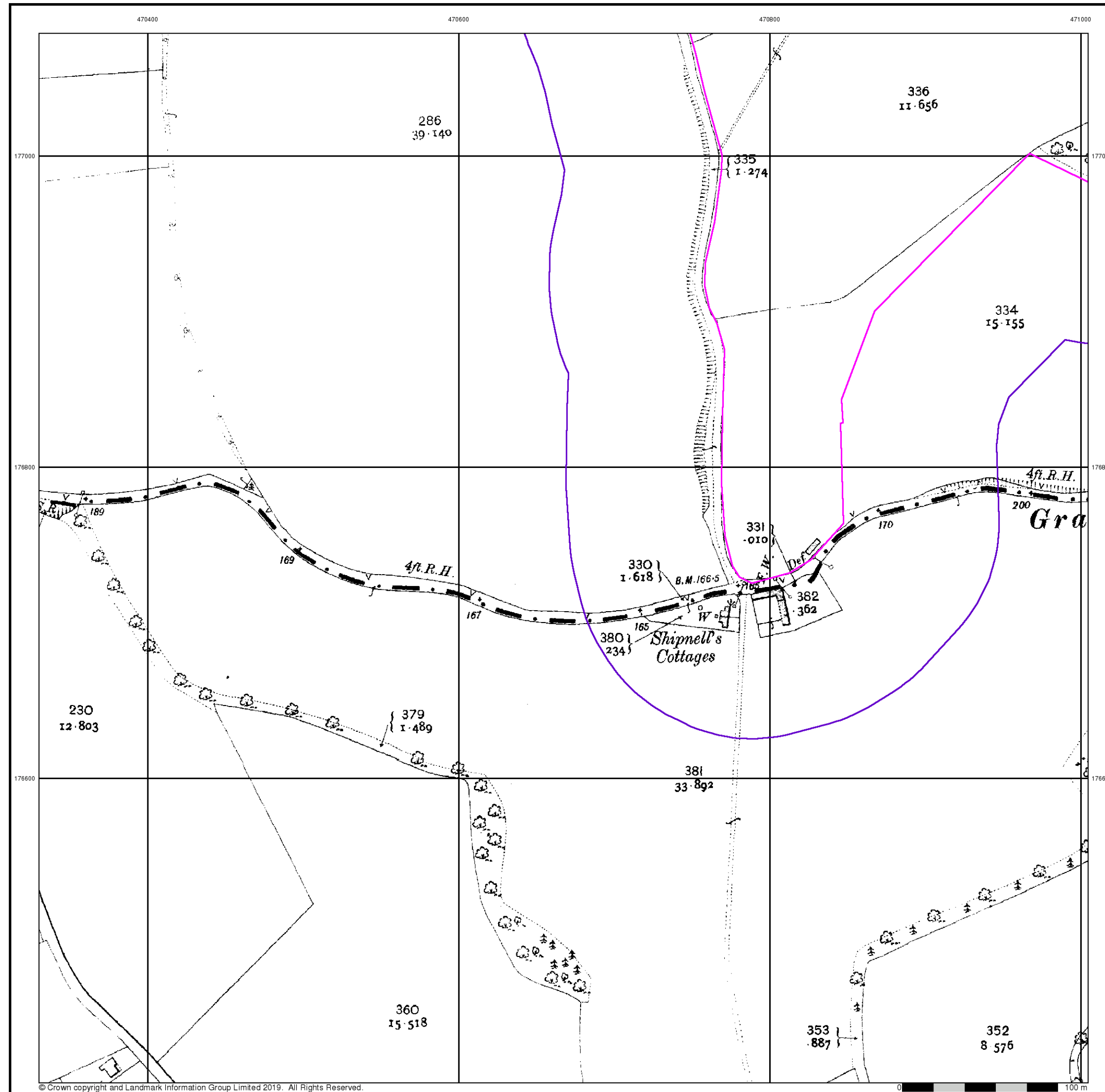
Order Number: 191585181_1_1
Customer Ref: 12112
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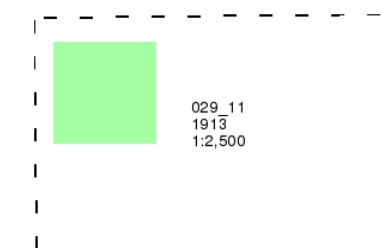
Berkshire

Published 1913

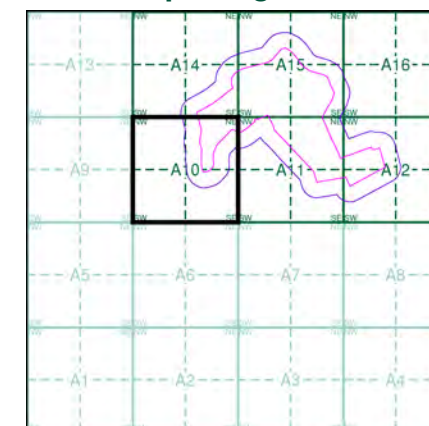
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

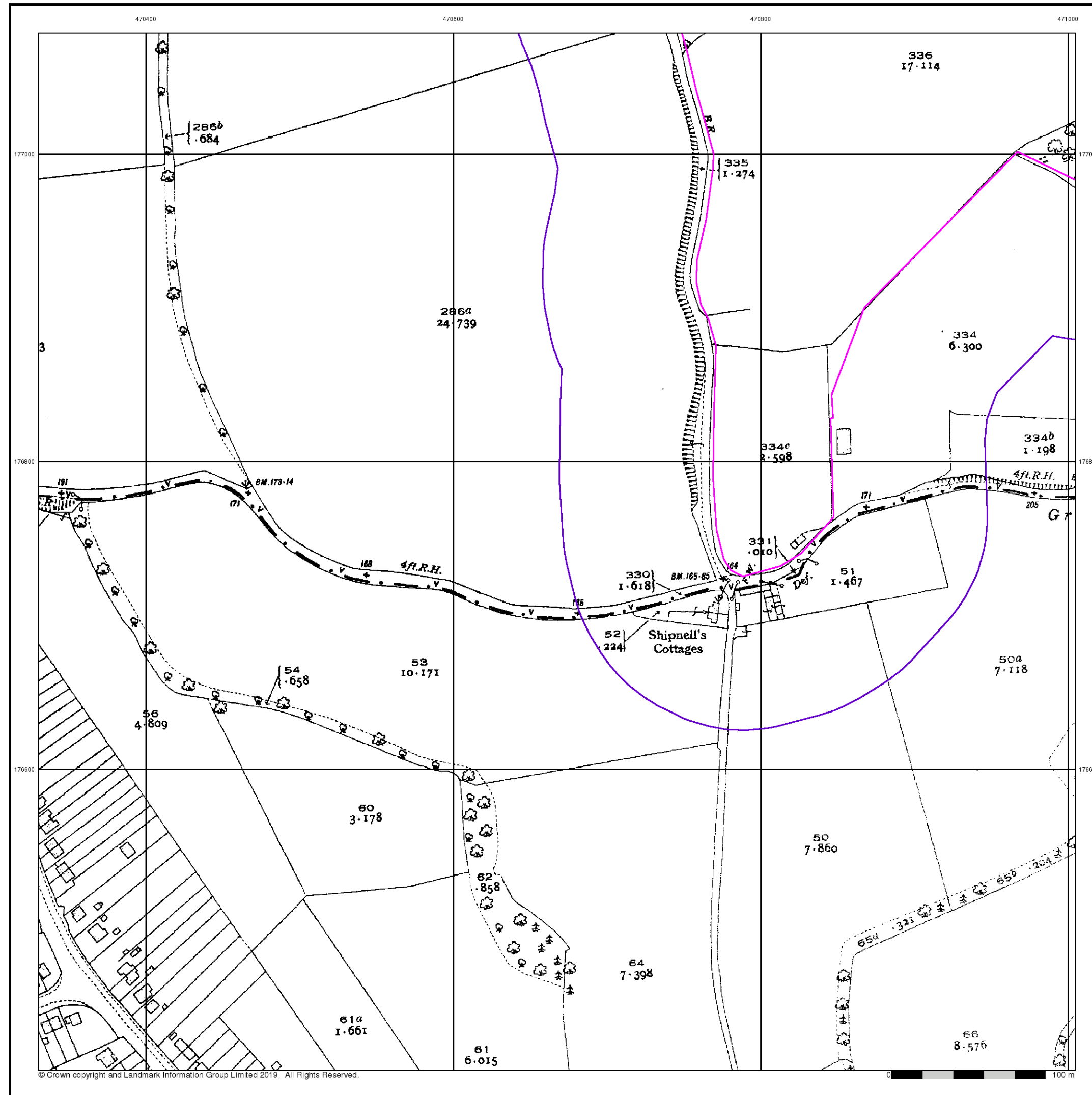
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National Grid Reference: 471120, 176760
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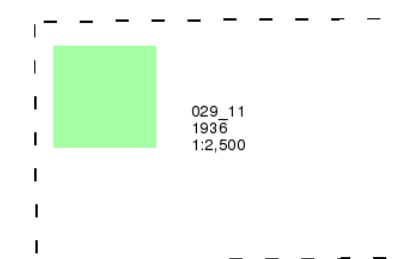
Berkshire

Published 1936

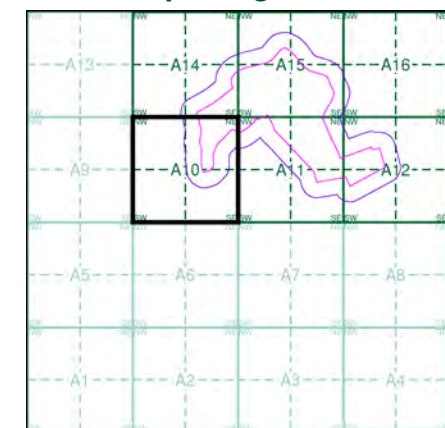
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

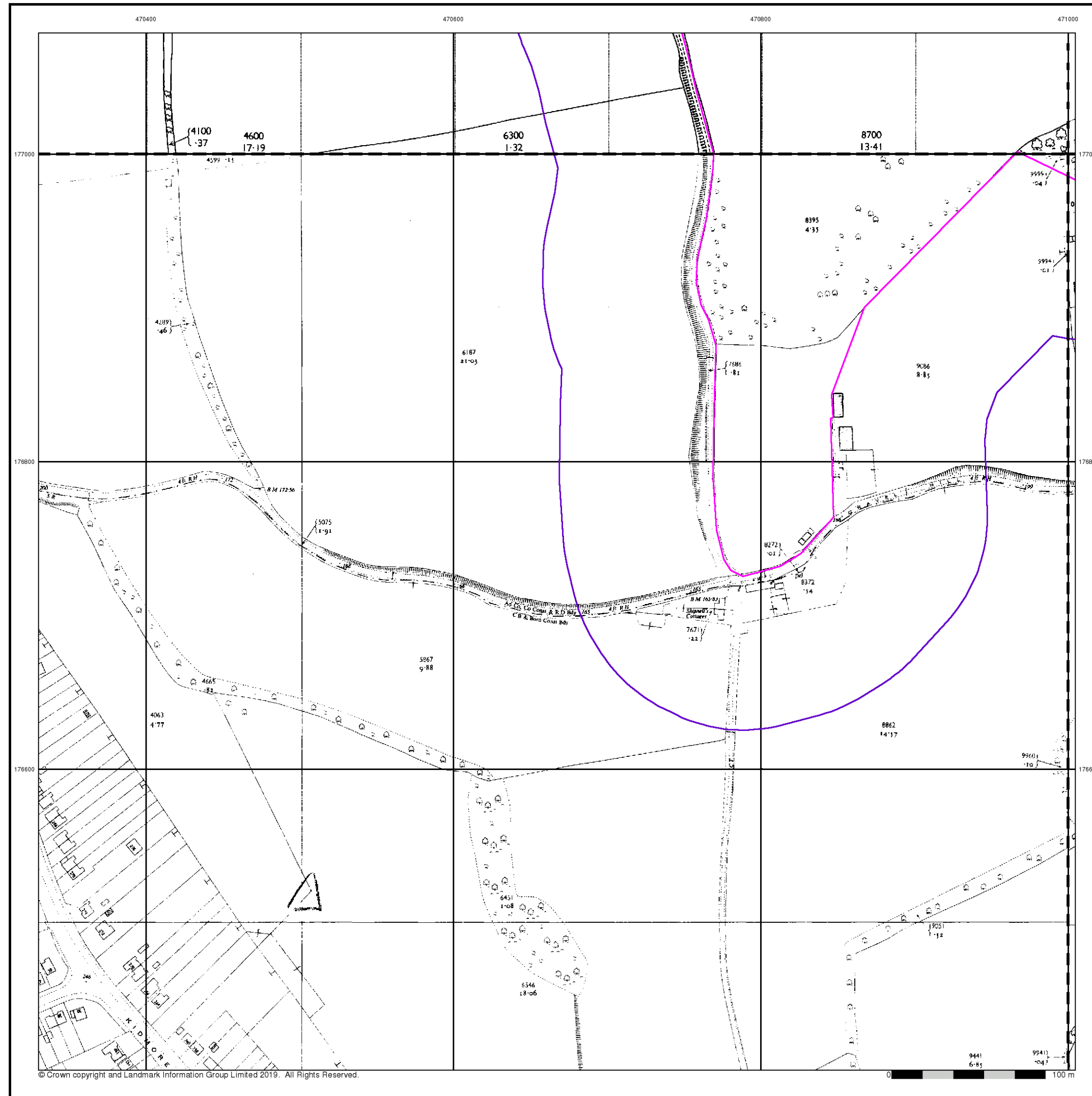
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

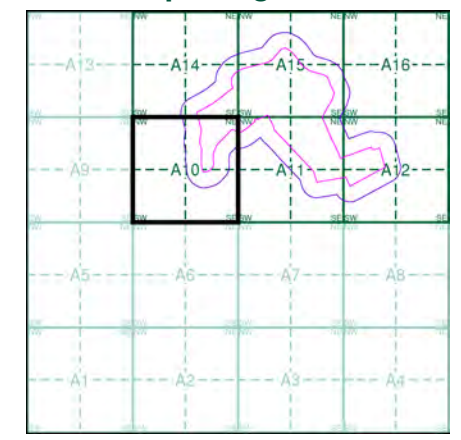
Published 1956 - 1964
Source map scale - 1:2,500

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)

SU7077 1964 12,500	SU7177 1956 12,500
SU7076 1958 12,500	SU7176 1957 12,500

Historical Map - Segment A10



Order Details

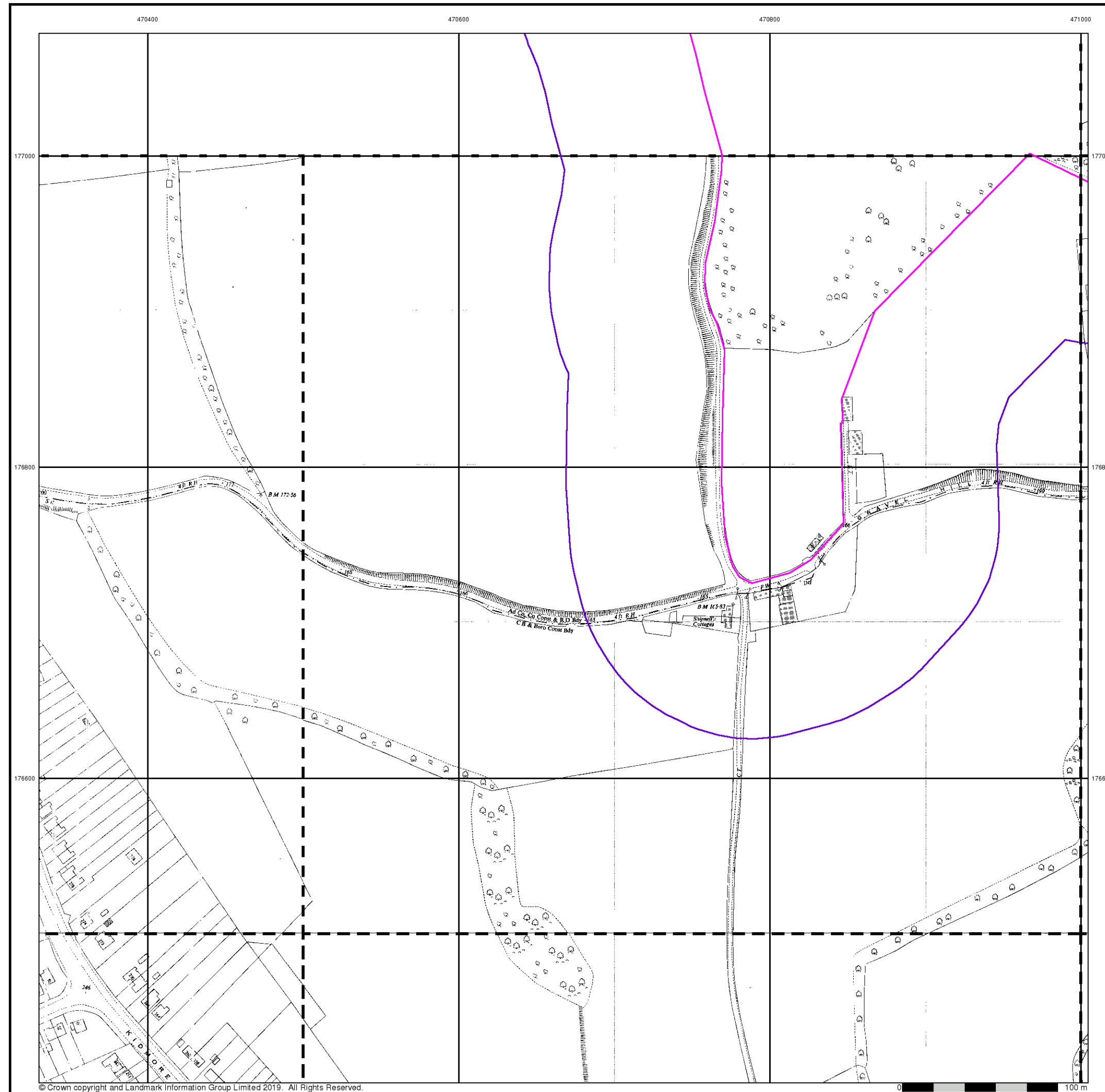
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1956 - 1957

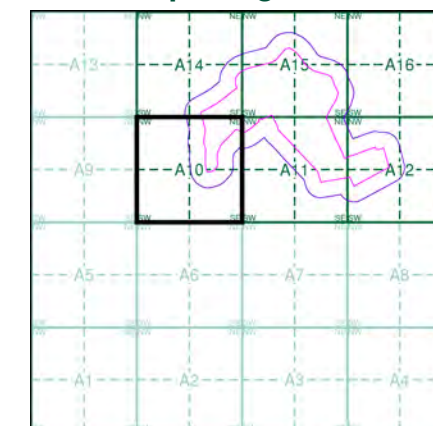
Source map scale - 1:1,250

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)

SU7177SW		
1956		
1:1,250		
SU7078NW	SU7076NE	SU7176NW
1957	1957	1956
1:1,250	1:1,250	1:1,250
SU7076SW	SU7076SE	SU7176SW
1957	1957	1956
1:1,250	1:1,250	1:1,250

Historical Map - Segment A10



Order Details

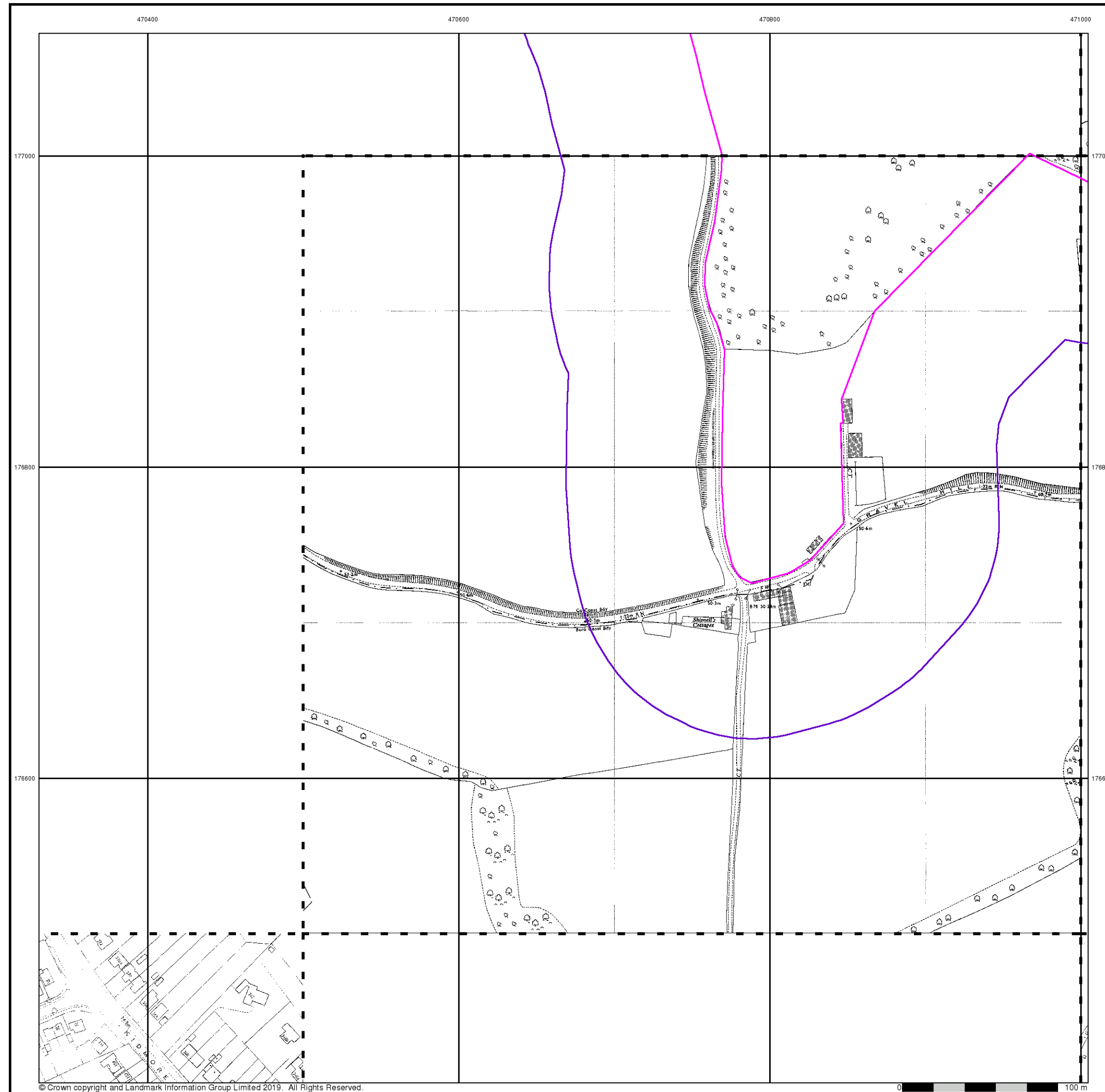
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

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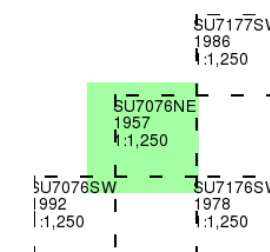
Additional SIMs

Published 1957 - 1992

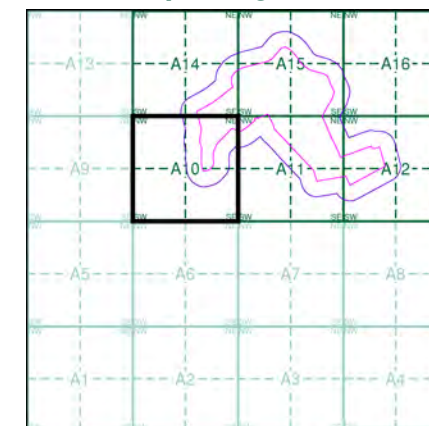
Source map scale - 1:1,250

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 A10



Order Details

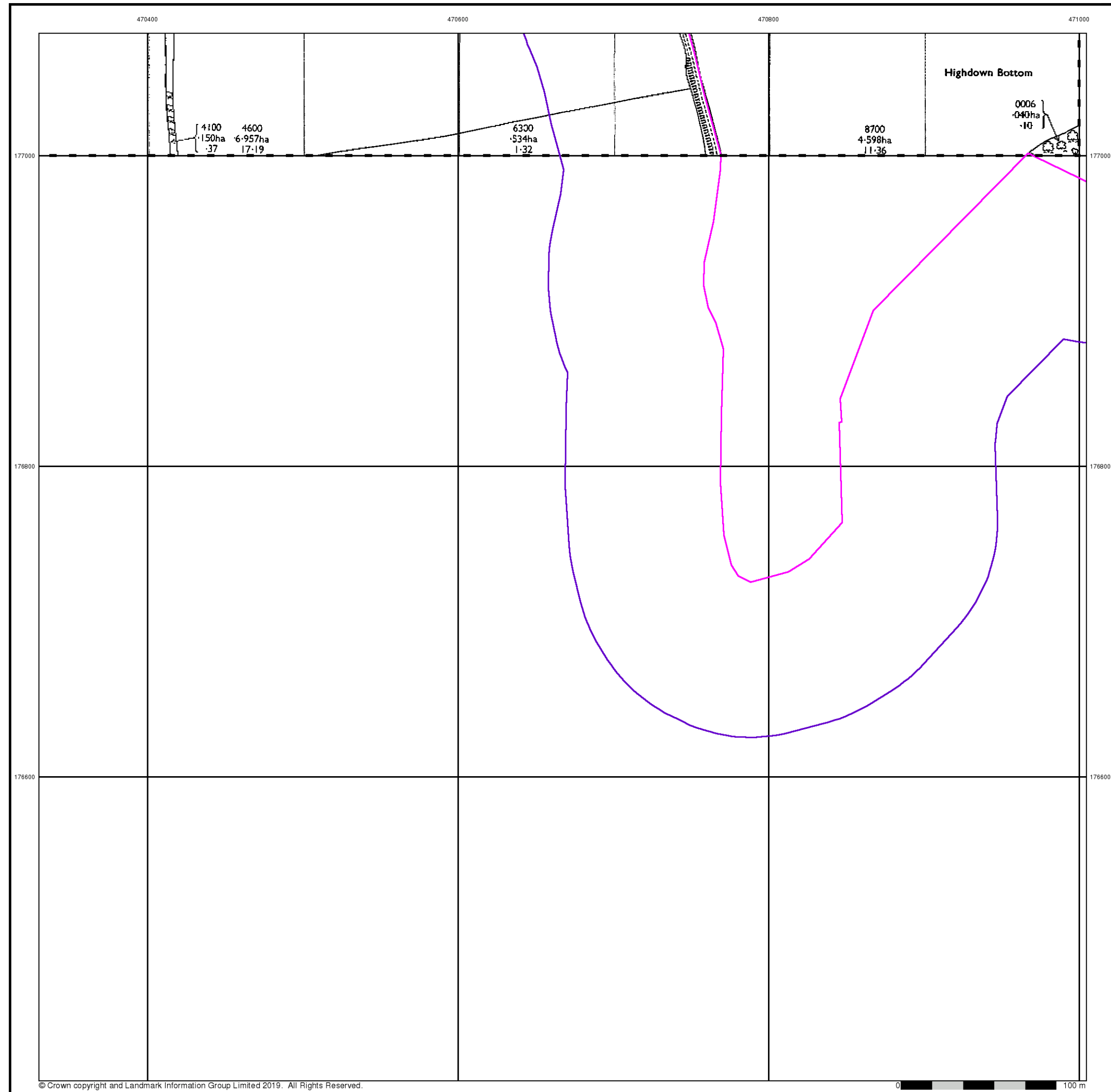
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

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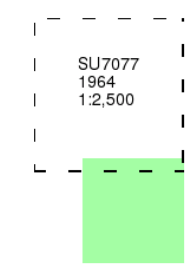
Additional SIMs

Published 1964

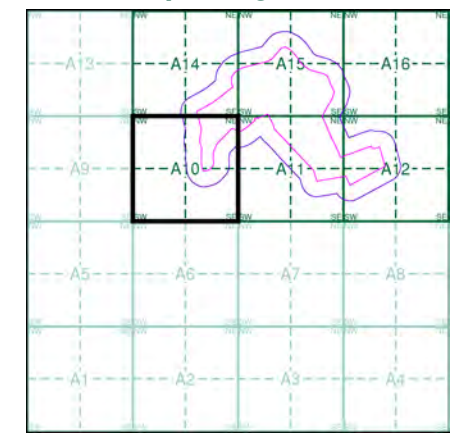
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

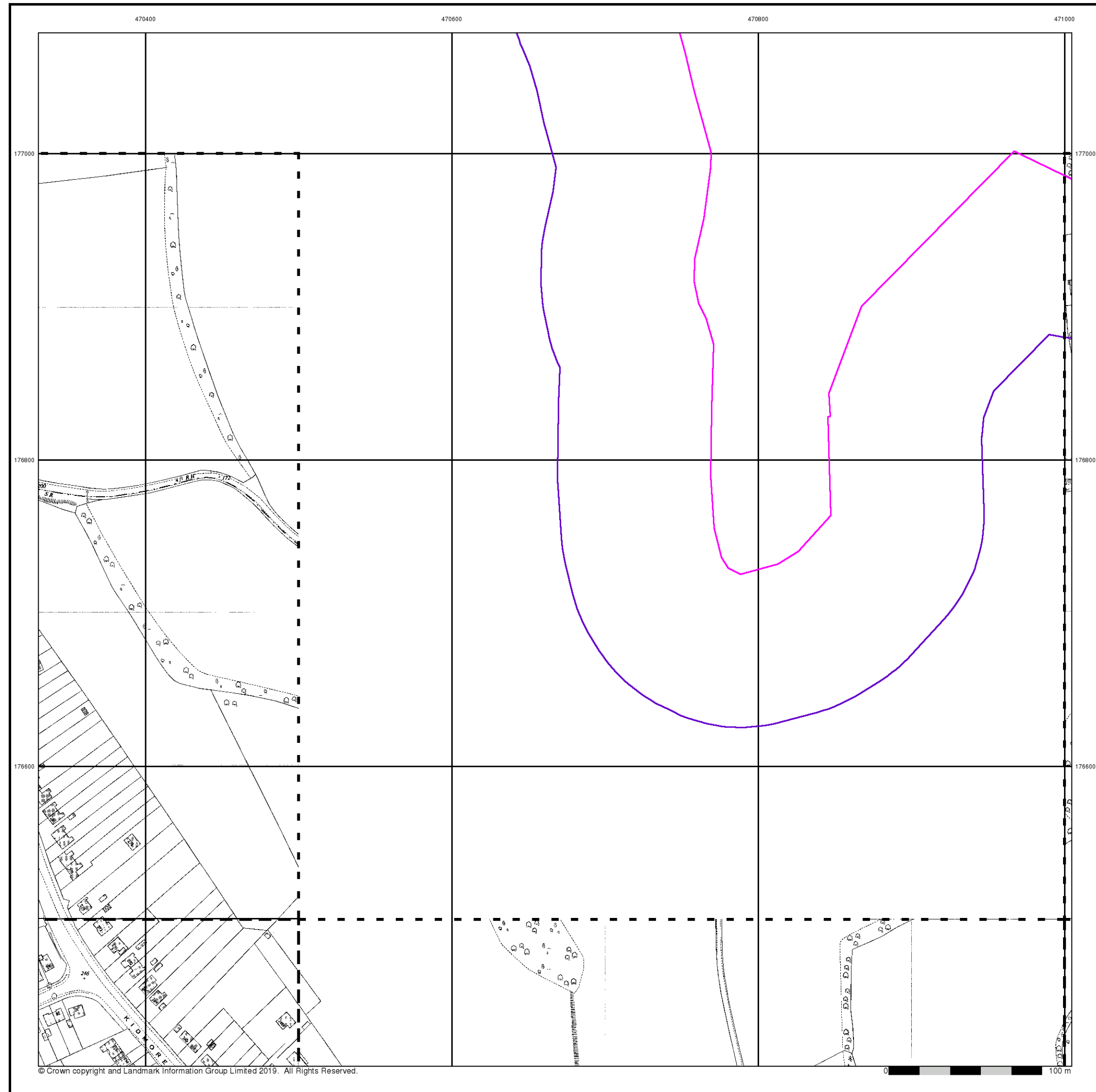
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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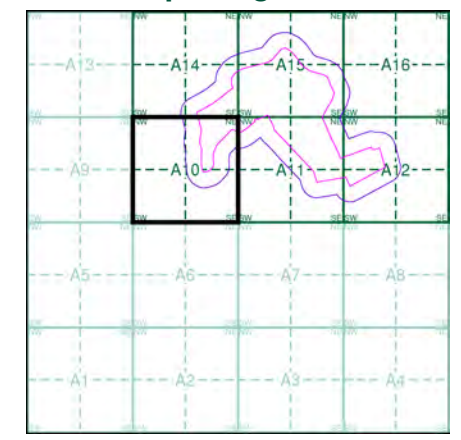
Ordnance Survey Plan
Published 1967 - 1974
Source map scale - 1:1,250

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)

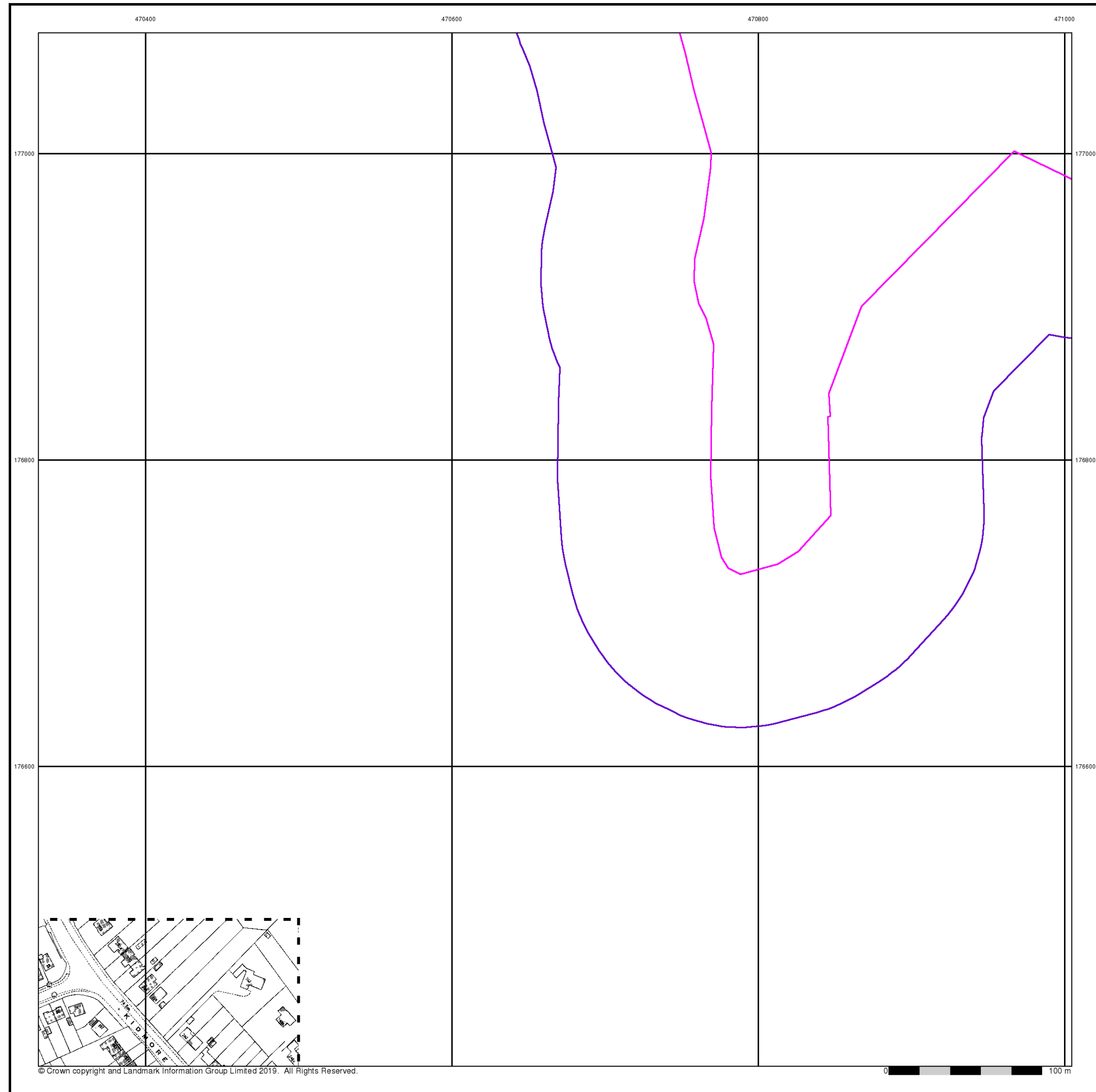
SU7076NW 1967 1:1,250	[Green Box]		SU7176NW 1967 1:1,250
SU7076SW 1967 1:1,250	SU7076SE 1974 1:1,250	SU7176SW 1970 1:1,250	

Historical Map - Segment A10



Order Details
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

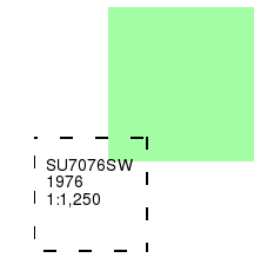
Site Details
Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ



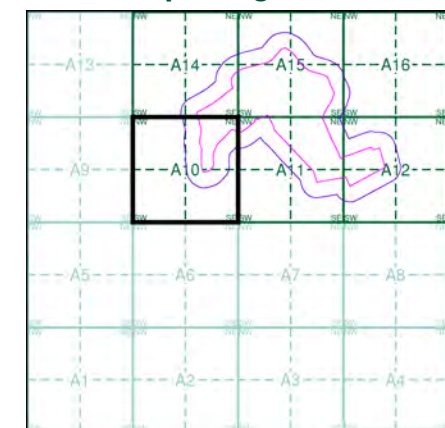
Ordnance Survey Plan
Published 1976
Source map scale - 1:1,250

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)

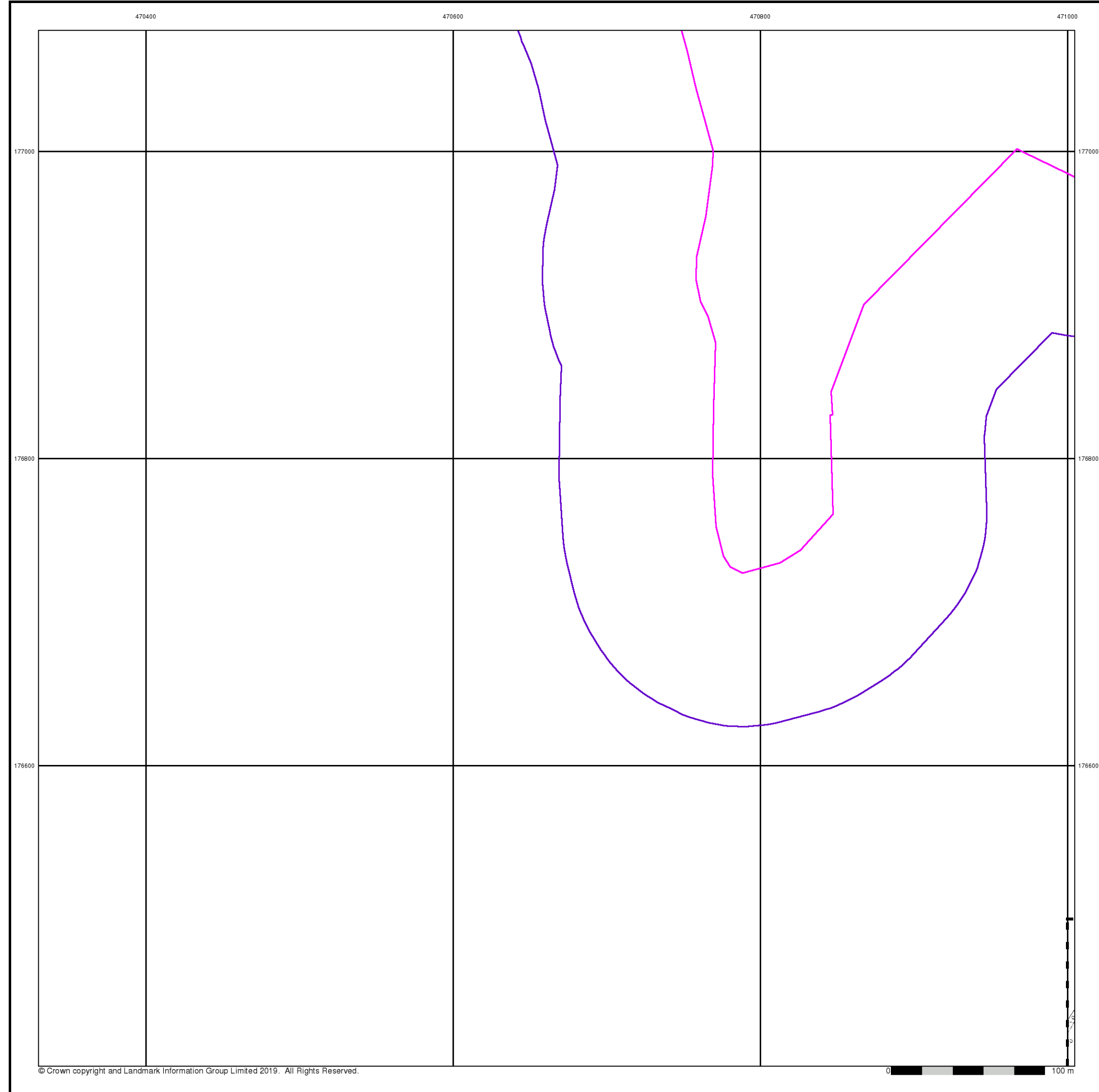


Historical Map - Segment A10



Order Details
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details
Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ





Additional SIMs

Published 1988

Source map scale - 1:1,250

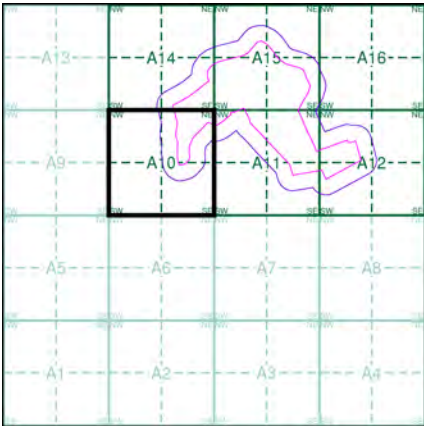
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)



SU7176SW
1988
1:1,250

Historical Map - Segment A10



Order Details

Order Number:	191585181_1_1
Customer Ref:	12112
National Grid Reference:	471120, 176760
Slice:	A
Site Area (Ha):	44.51
Search Buffer (m):	100

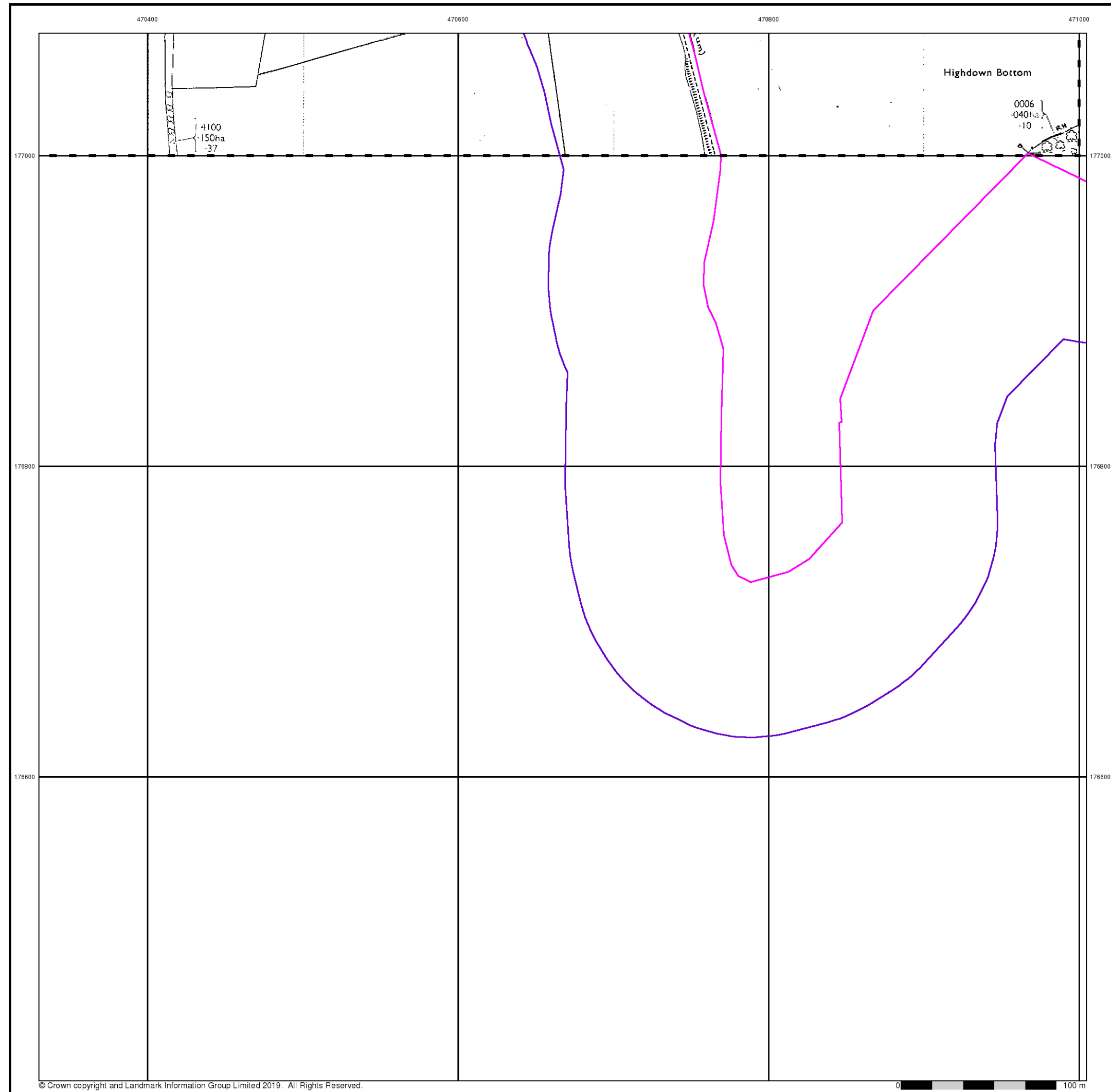
Site Details

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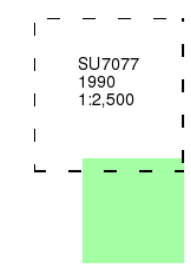
Additional SIMs

Published 1990

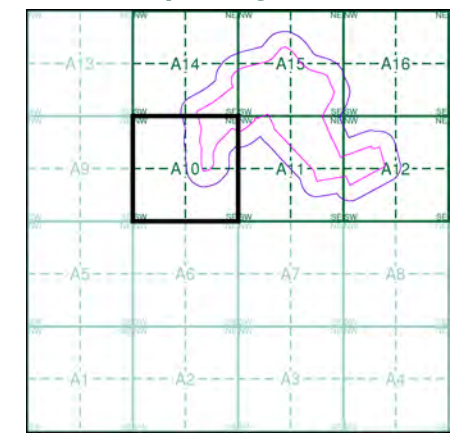
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

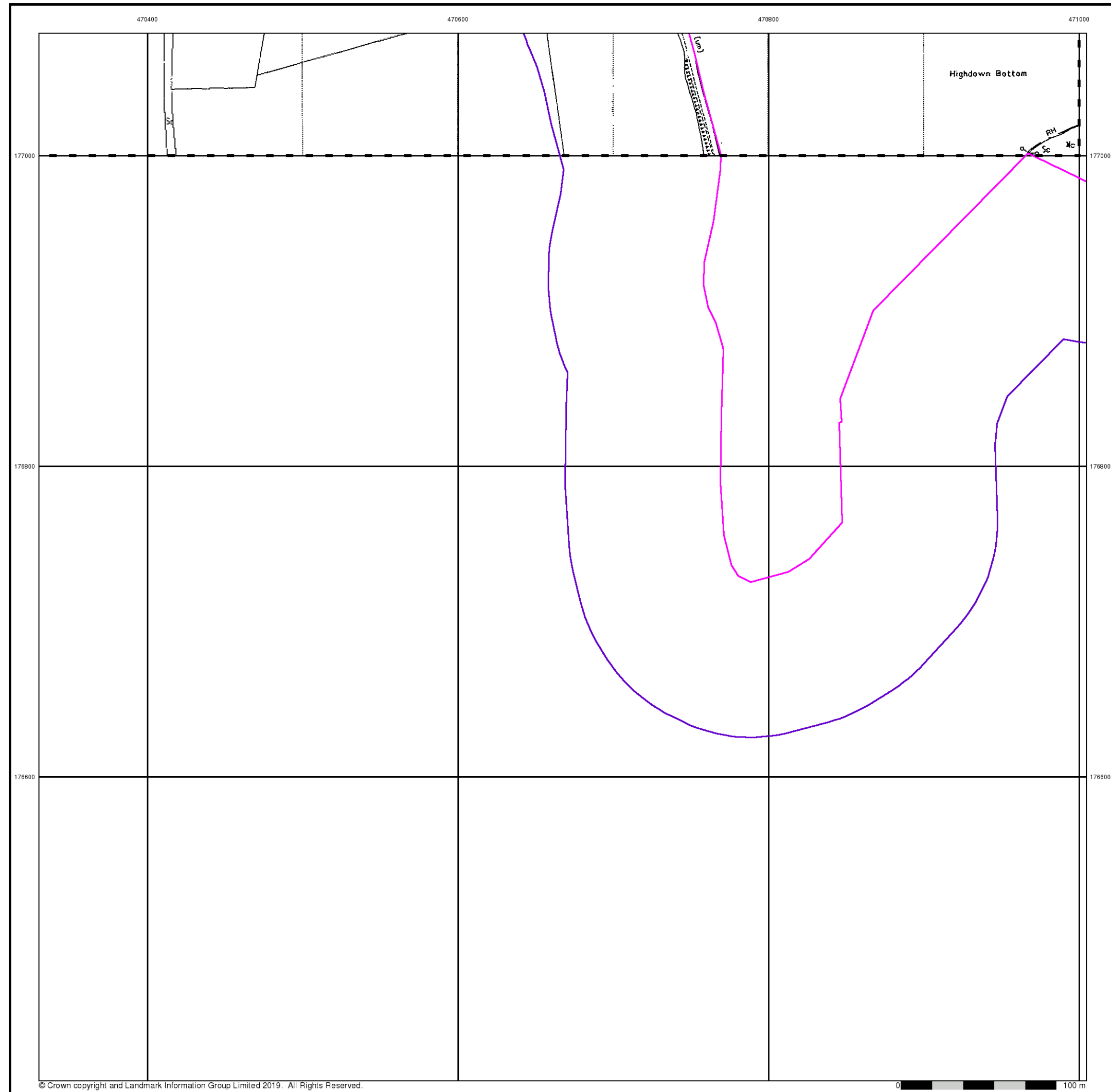
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
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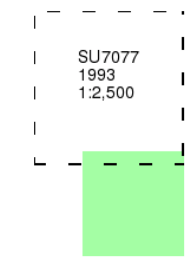
Large-Scale National Grid Data

Published 1993

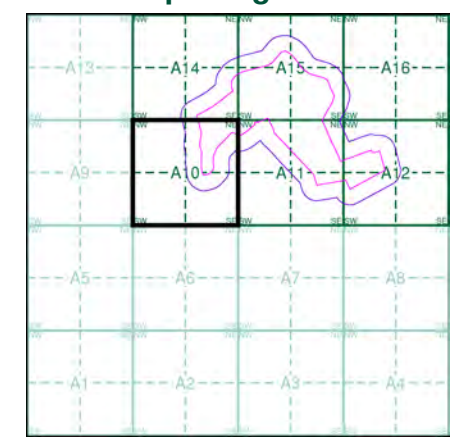
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

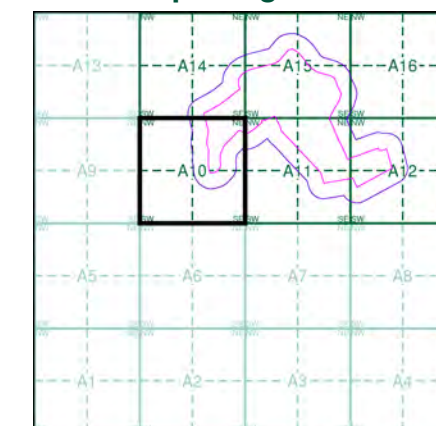
Source map scale - 1:1,250

'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)

SU7177SW		
1993		
1:1,250		
SU7076NW	SU7076NE	SU7176NW
1993	1993	1993
1:1,250	1:1,250	1:1,250
SU7076SW	SU7076SE	SU7176SW
1993	1993	1993
1:1,250	1:1,250	1:1,250

Historical Map - Segment A10



Order Details

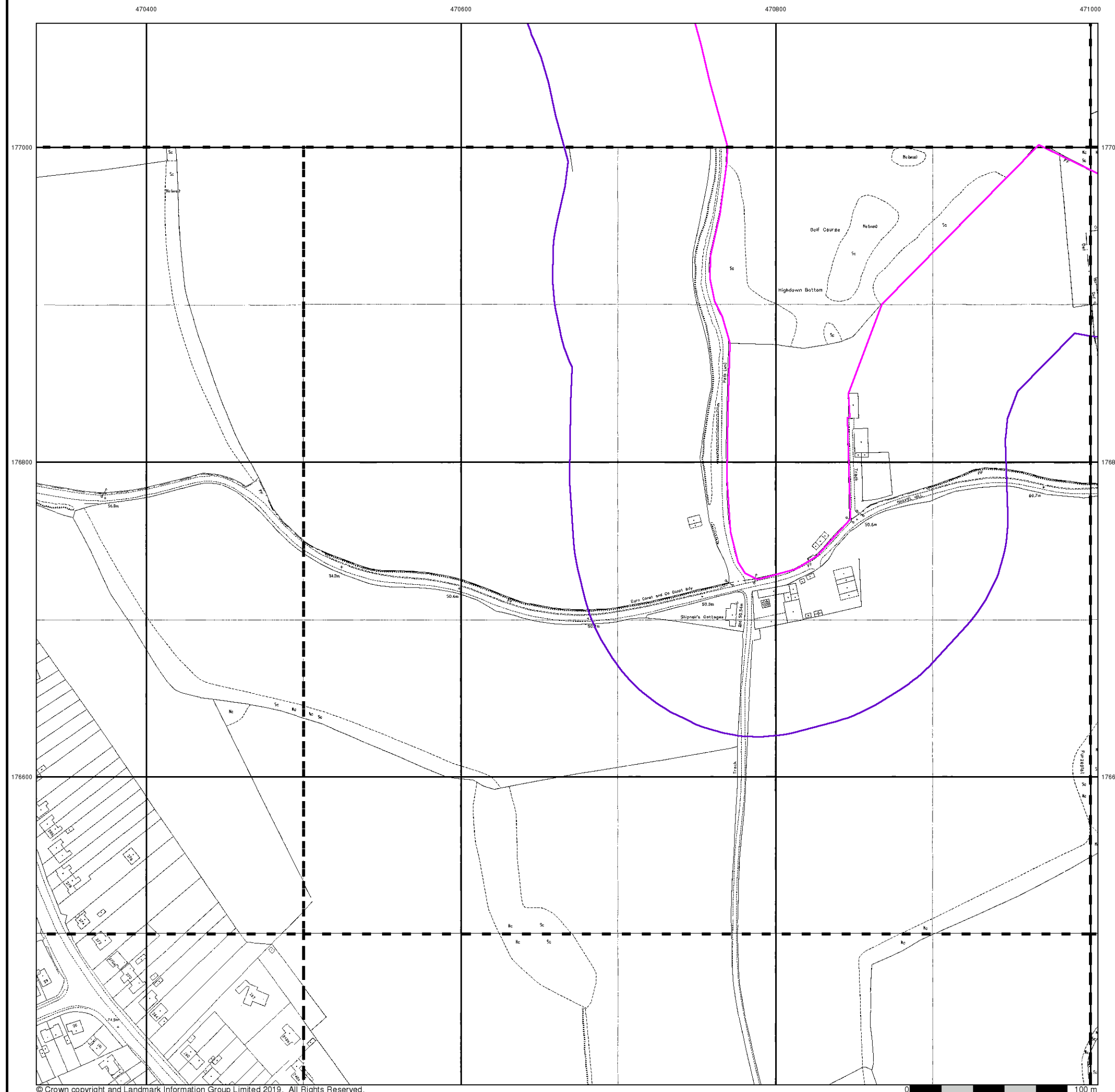
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1994 - 1995

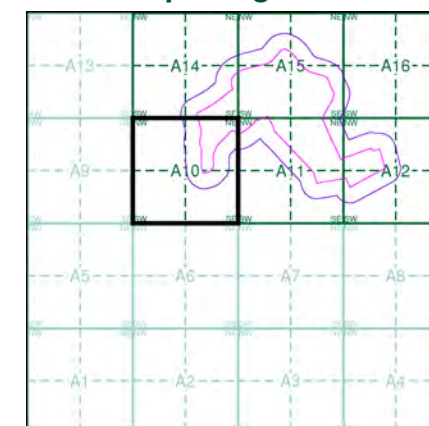
Source map scale - 1:1,250

'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)

SU7076NW 1994 1:1,250	SU7076NE 1995 1:1,250
SU7076SE 1995 1:1,250	SU7176SW 1995 1:1,250

Historical Map - Segment A10



Order Details

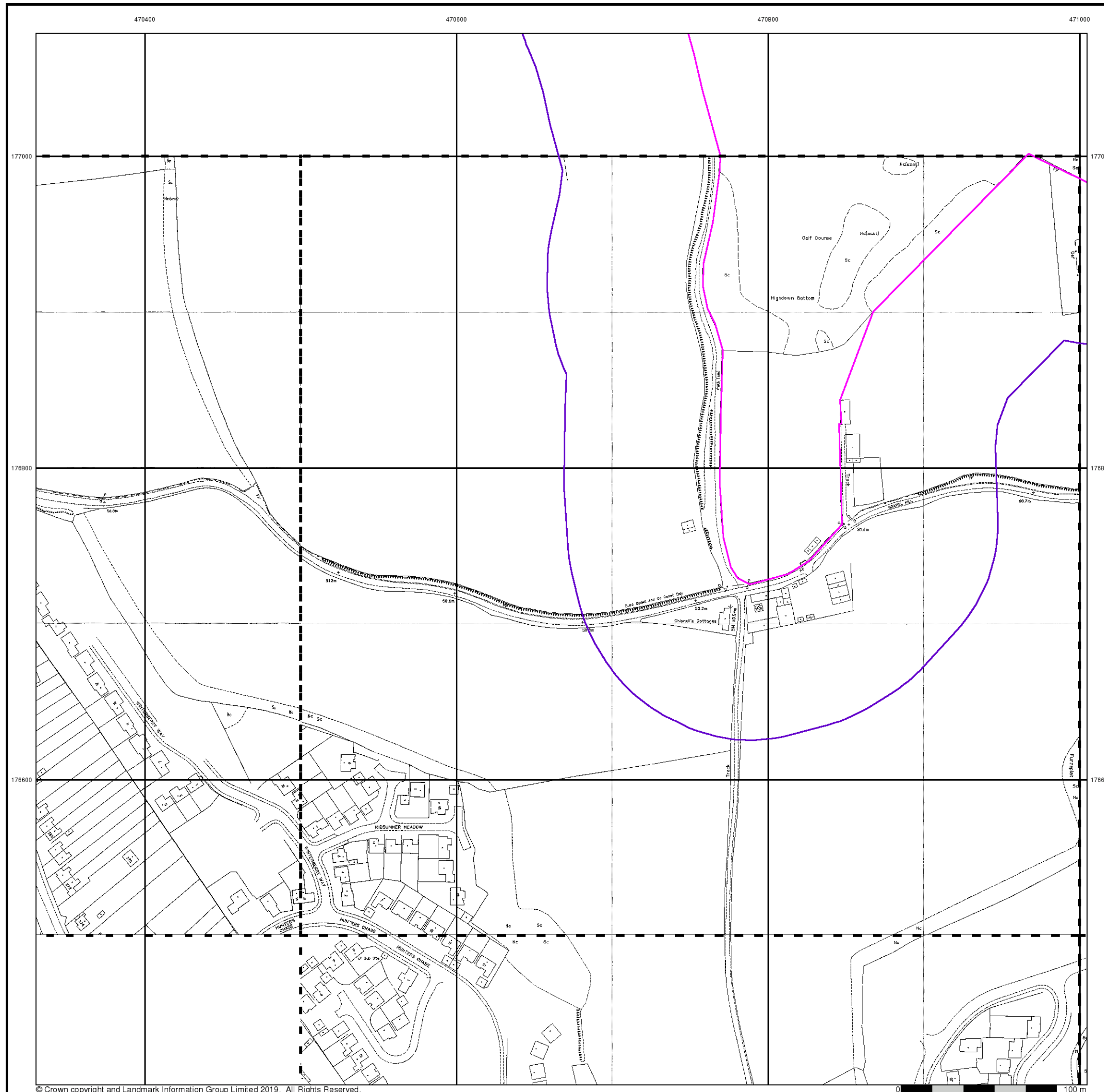
Order Number: 191585181_1_1
Customer Ref: 12112
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SU07076NW
1995
1:1,250

SU07076NE
1995
1:1,250

SU07076SE
1995
1:1,250



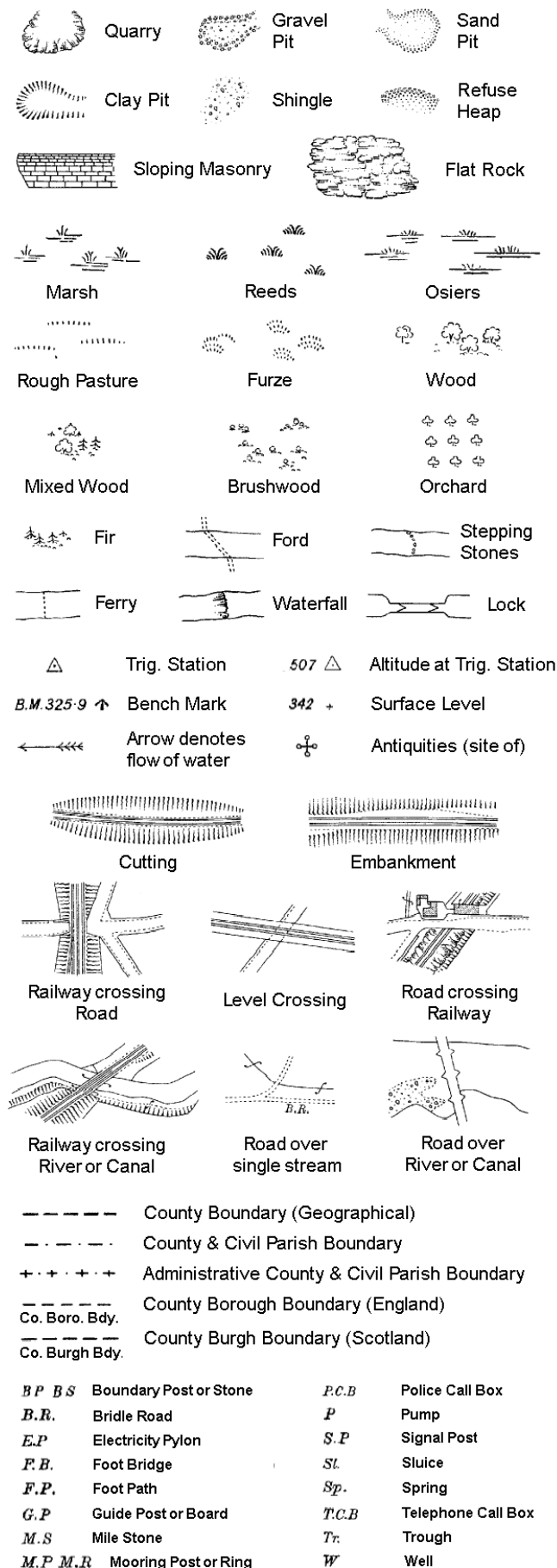
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Customer Ref:	12112
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Site Area (Ha):	44.51
Search Buffer (m):	100

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
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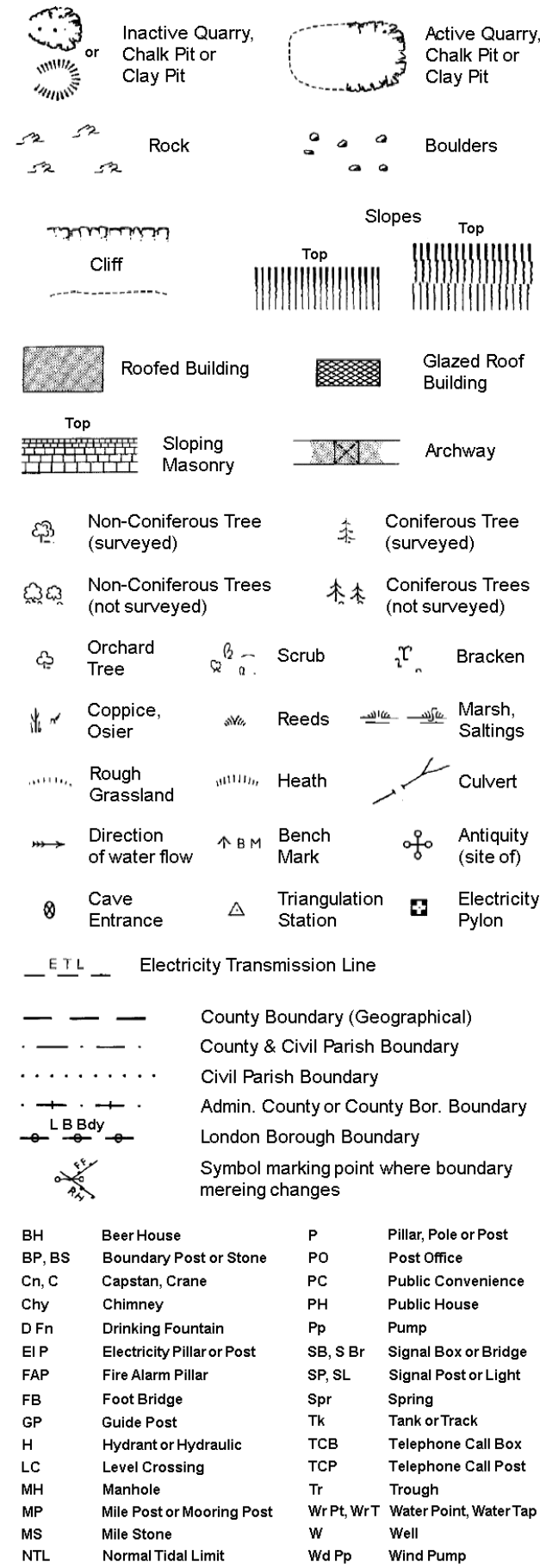
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

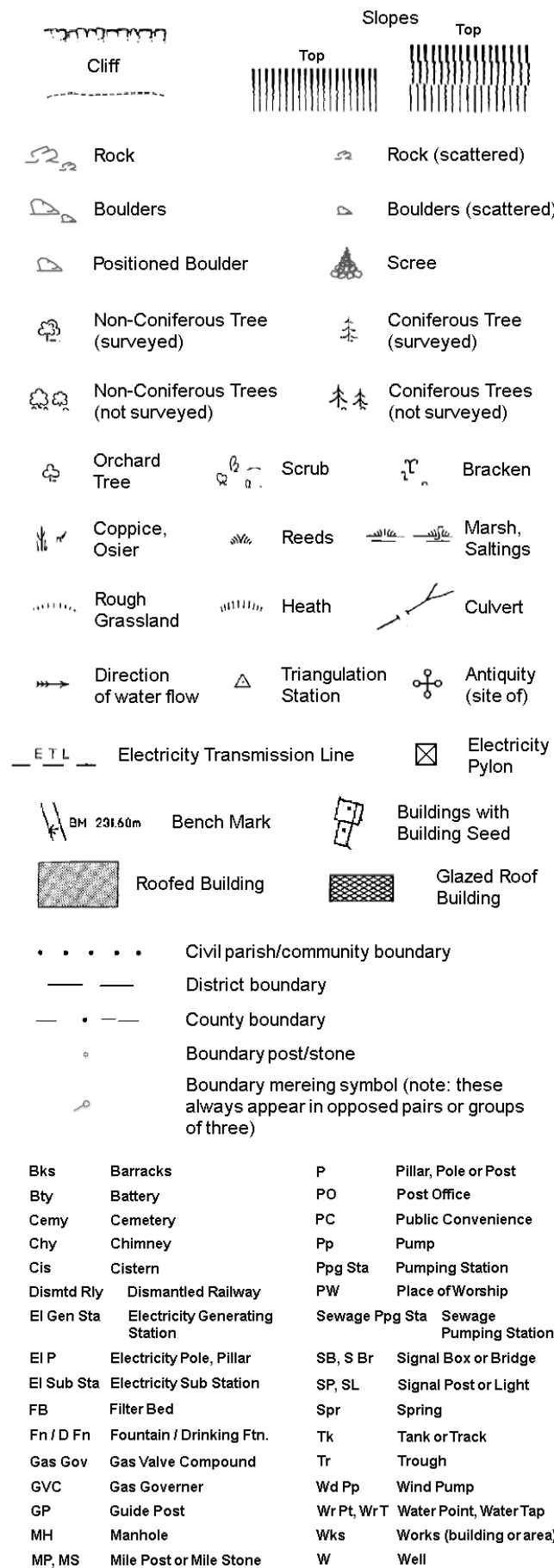
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



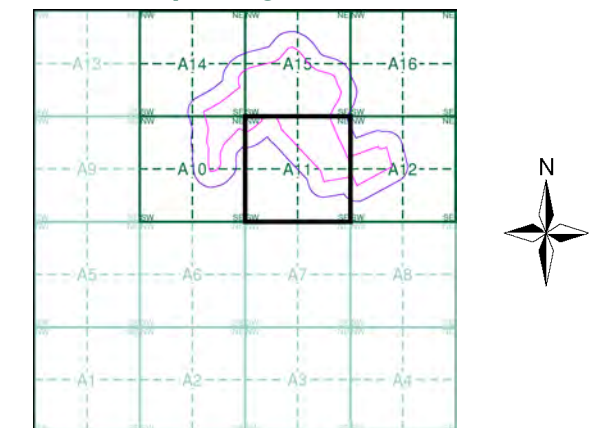
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1878	2
Oxfordshire	1:2,500	1898	3
Berkshire	1:2,500	1913	4
Berkshire	1:2,500	1936	5
Ordnance Survey Plan	1:1,250	1956	6
Ordnance Survey Plan	1:2,500	1956 - 1957	7
Additional SIMs	1:1,250	1956 - 1989	8
Ordnance Survey Plan	1:1,250	1967 - 1972	9
Additional SIMs	1:1,250	1985 - 1988	10
Large-Scale National Grid Data	1:1,250	1993	11
Large-Scale National Grid Data	1:1,250	1995	12

Historical Map - Segment A11



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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Fax: 0844 844 9951
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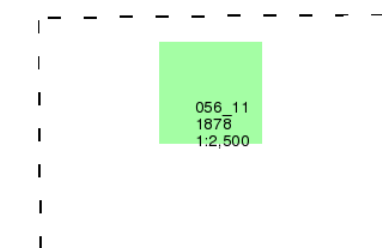
Oxfordshire

Published 1878

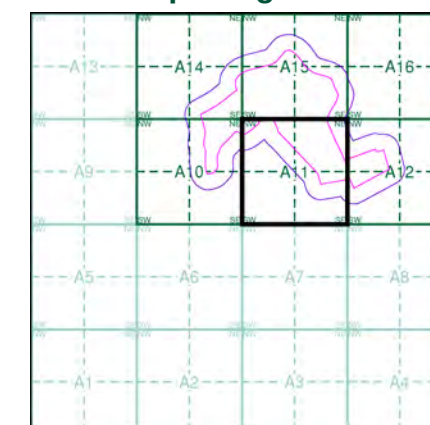
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

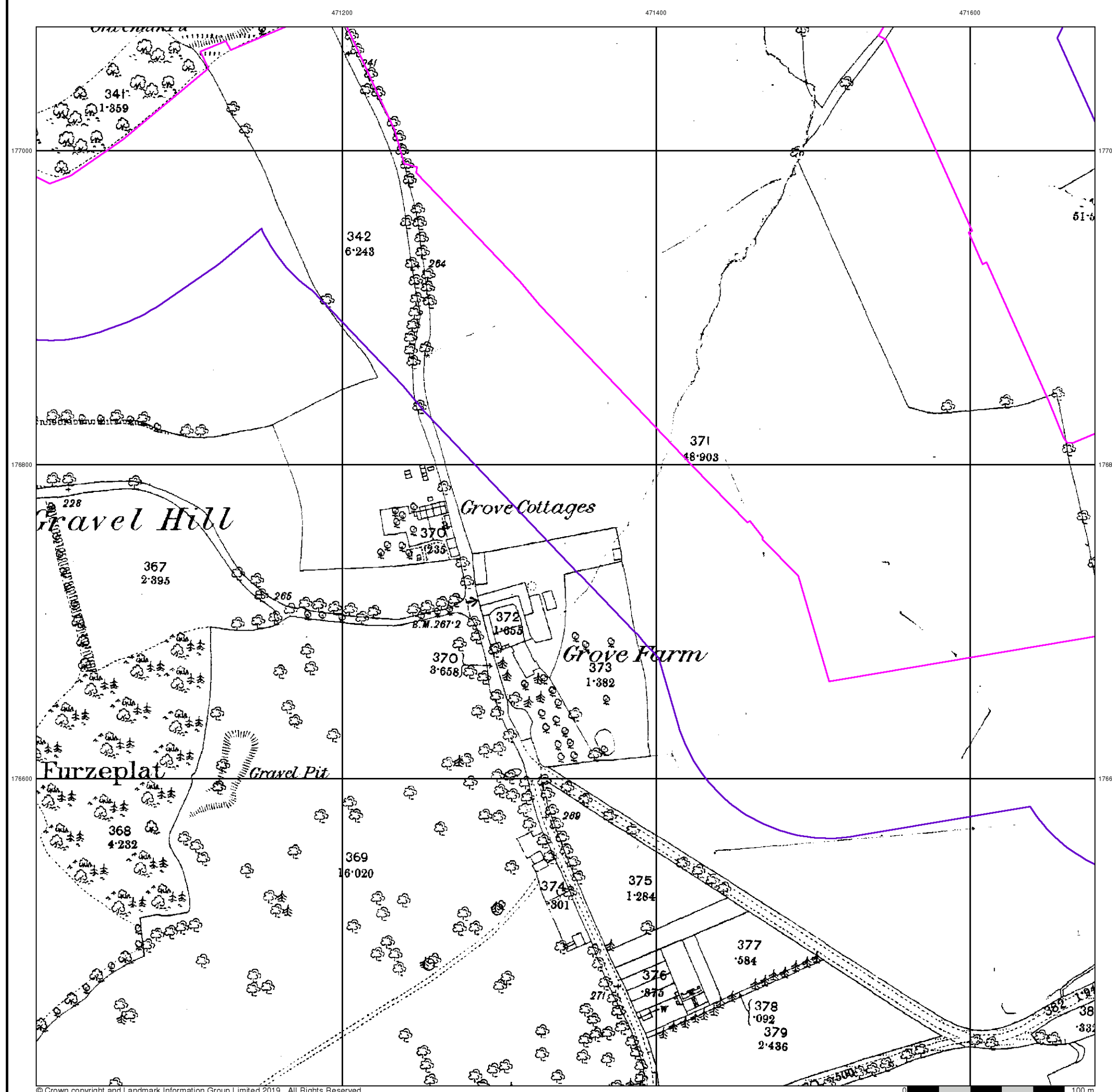
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
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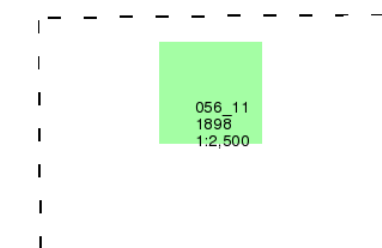
Oxfordshire

Published 1898

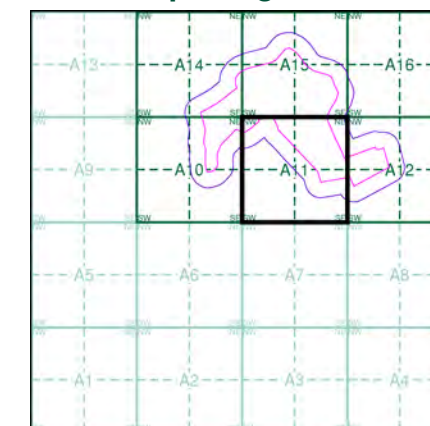
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

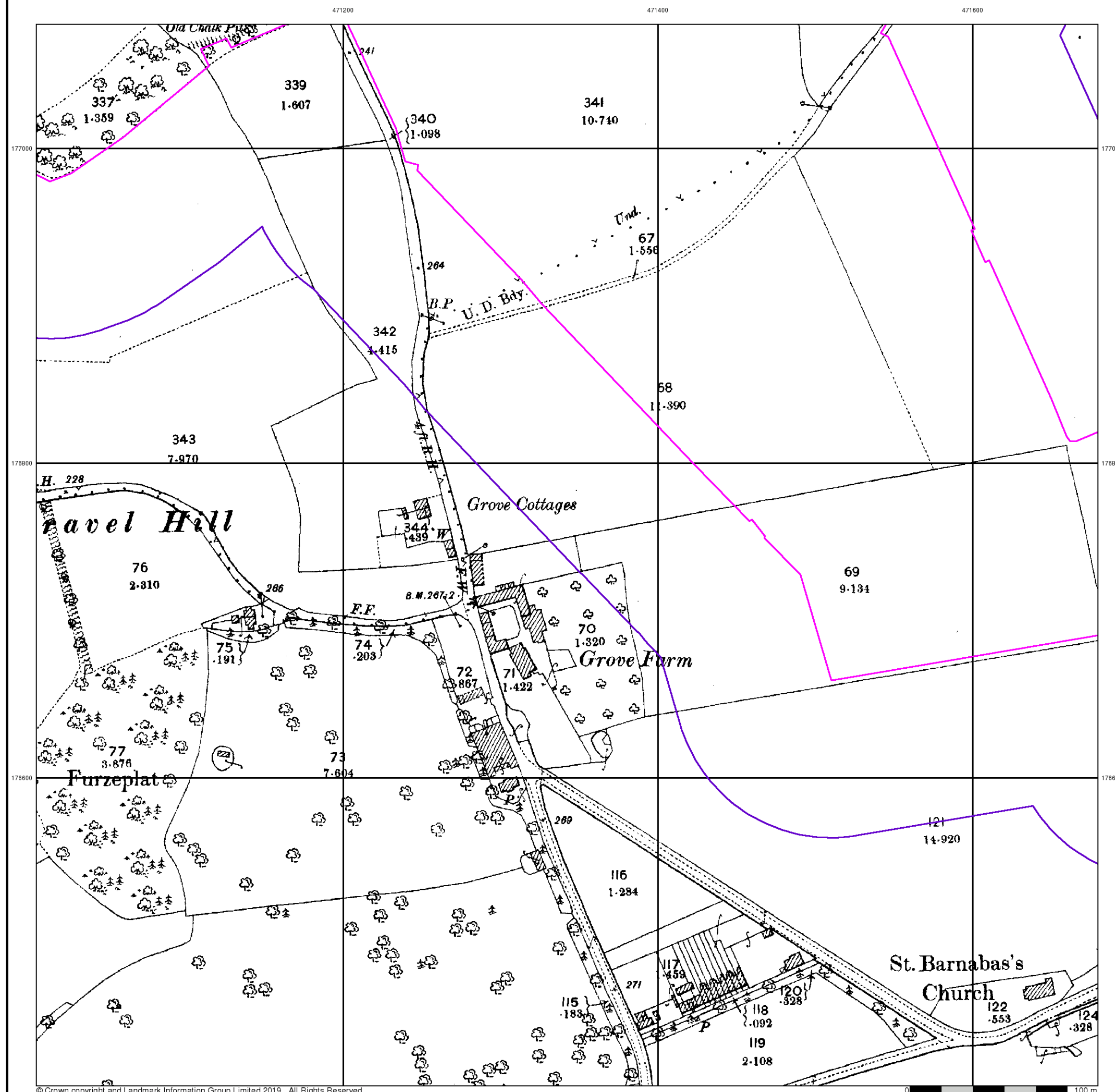
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Customer Ref: 12112
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Slice: A
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Search Buffer (m): 100

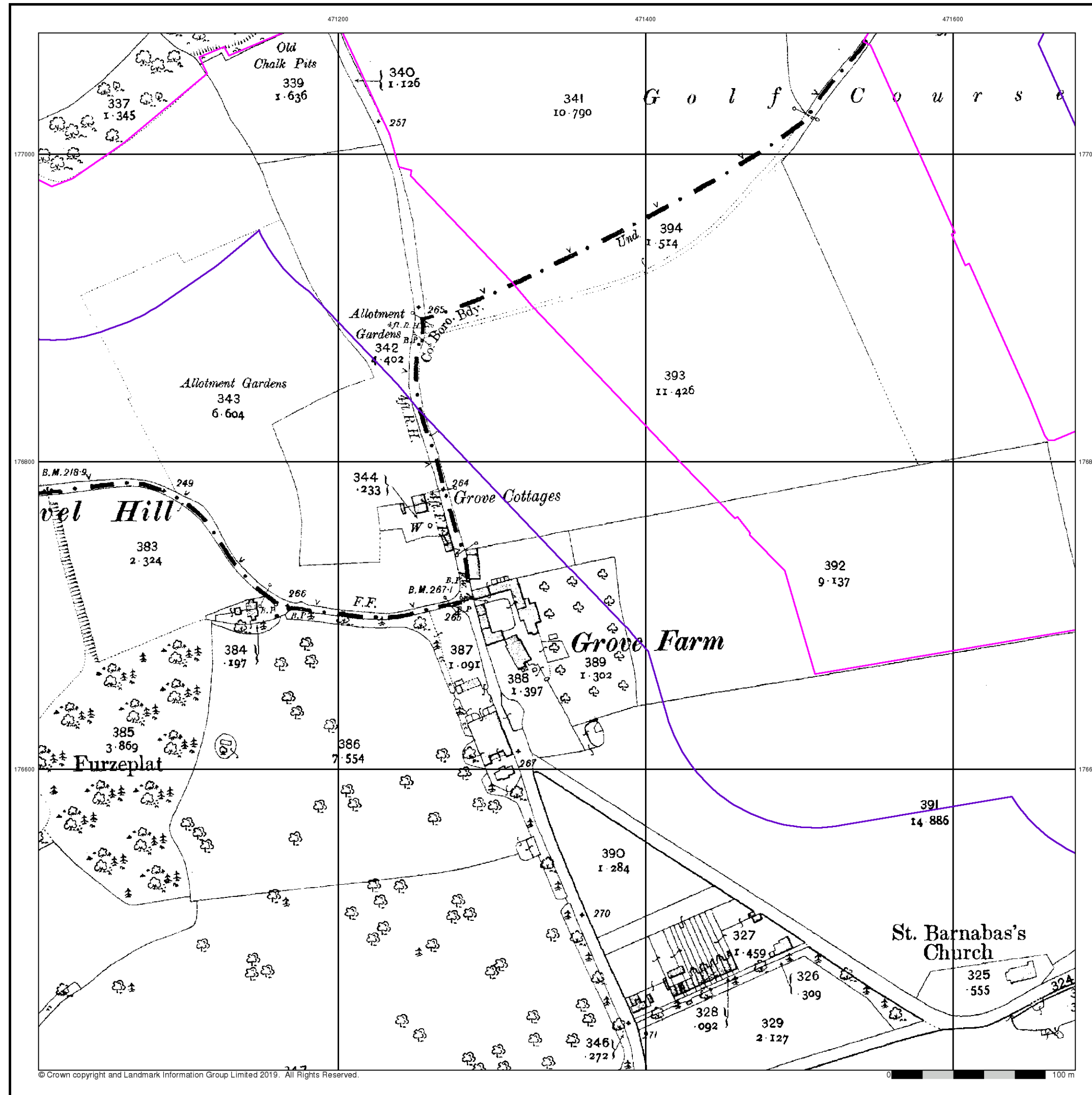
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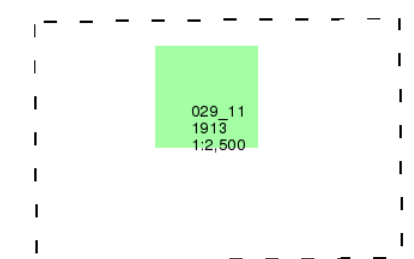
Berkshire

Published 1913

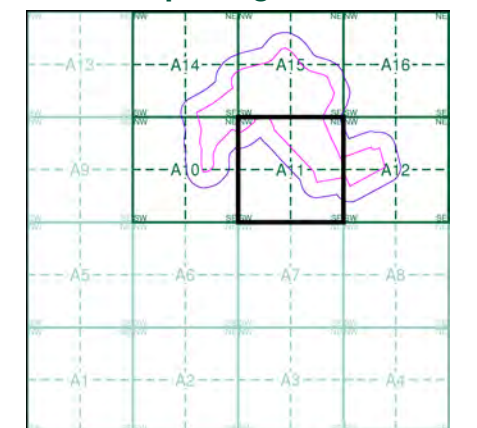
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 191585181_1_1
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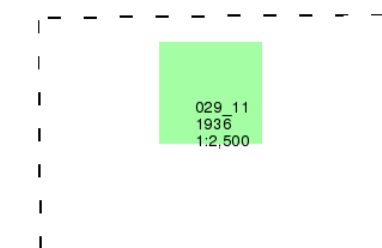
Berkshire

Published 1936

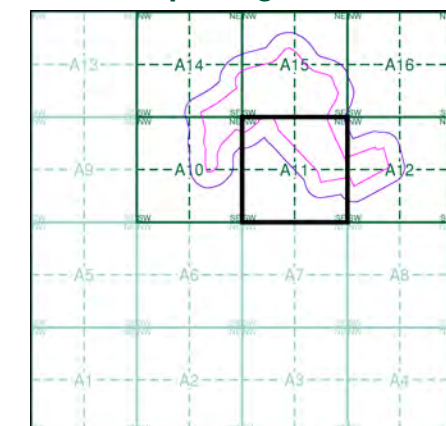
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

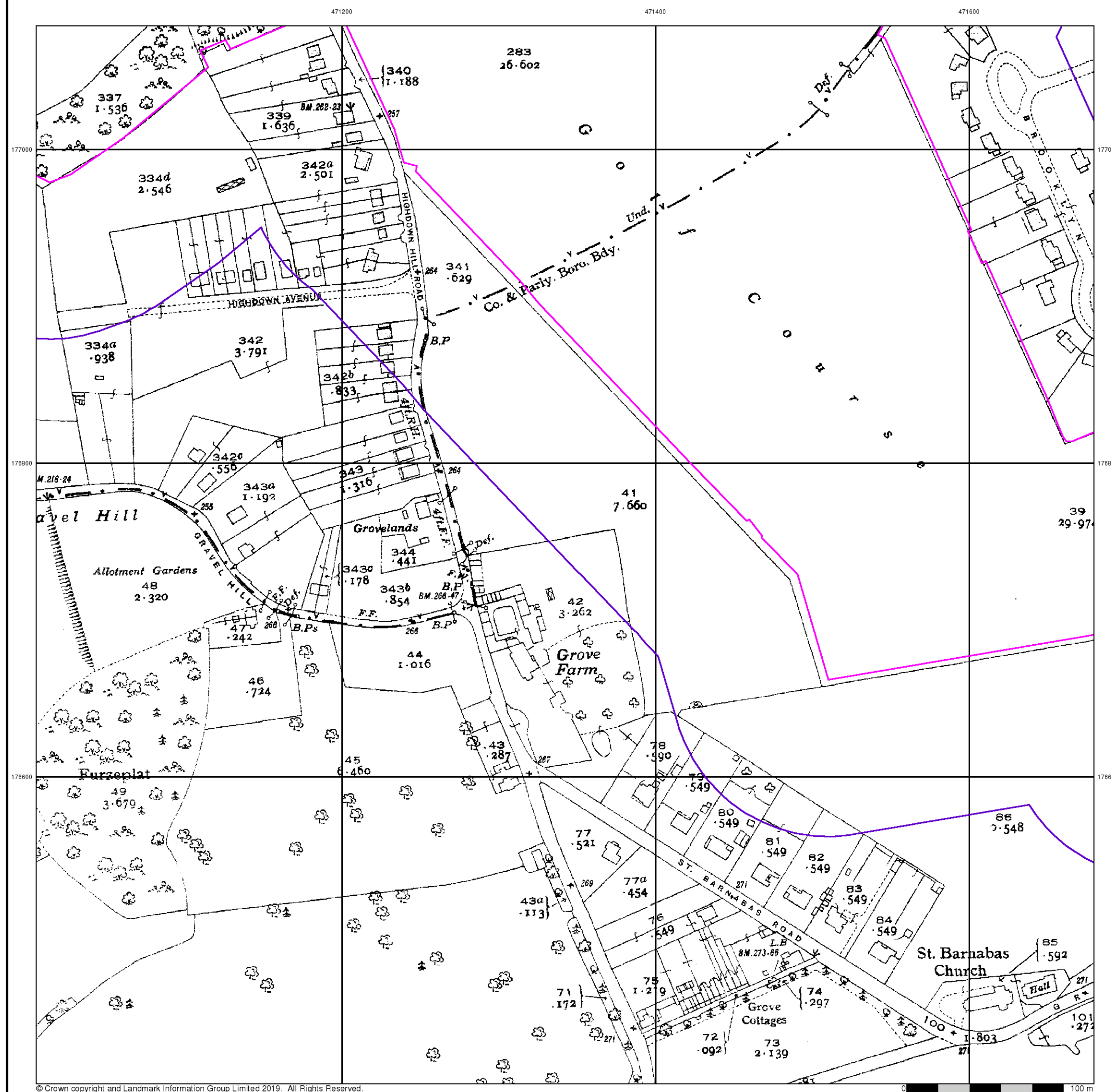
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National Grid Reference: 471120, 176760
Slice: A
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Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1956

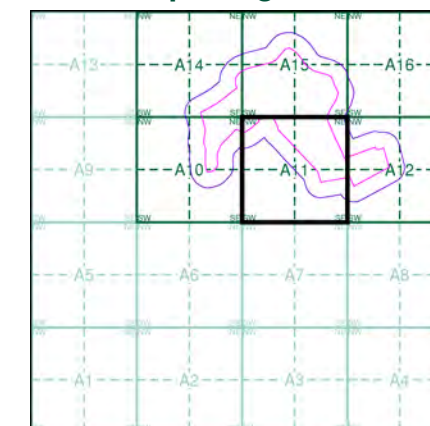
Source map scale - 1:1,250

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)

U7177SV	U7177SE
956	956
1:1,250	1:1,250
U7176NV	U7176NE
956	956
1:1,250	1:1,250
U7176SW	U7176SE
956	956
1:1,250	1:1,250

Historical Map - Segment A11



Order Details

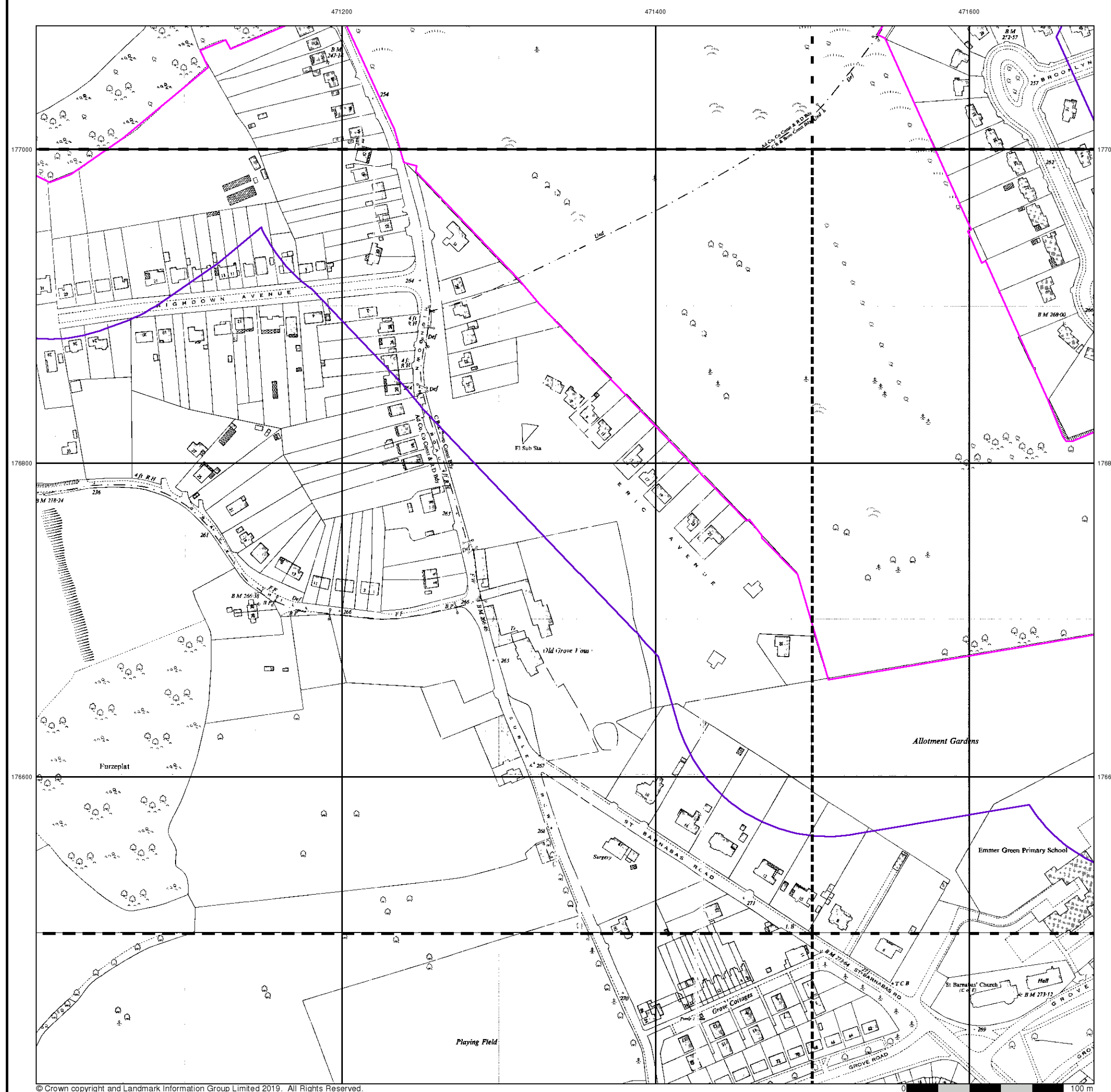
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1956 - 1957

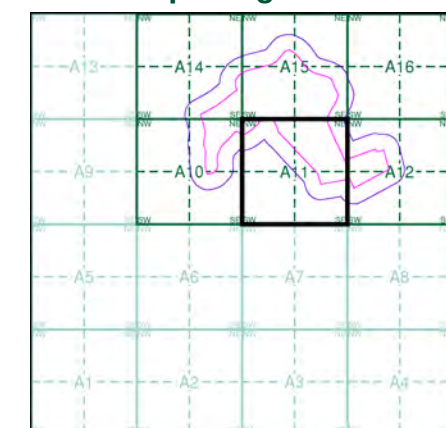
Source map scale - 1:2,500

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)

SU7177
1956
1:2,500
SU7176
1957
1:2,500

Historical Map - Segment A11



Order Details

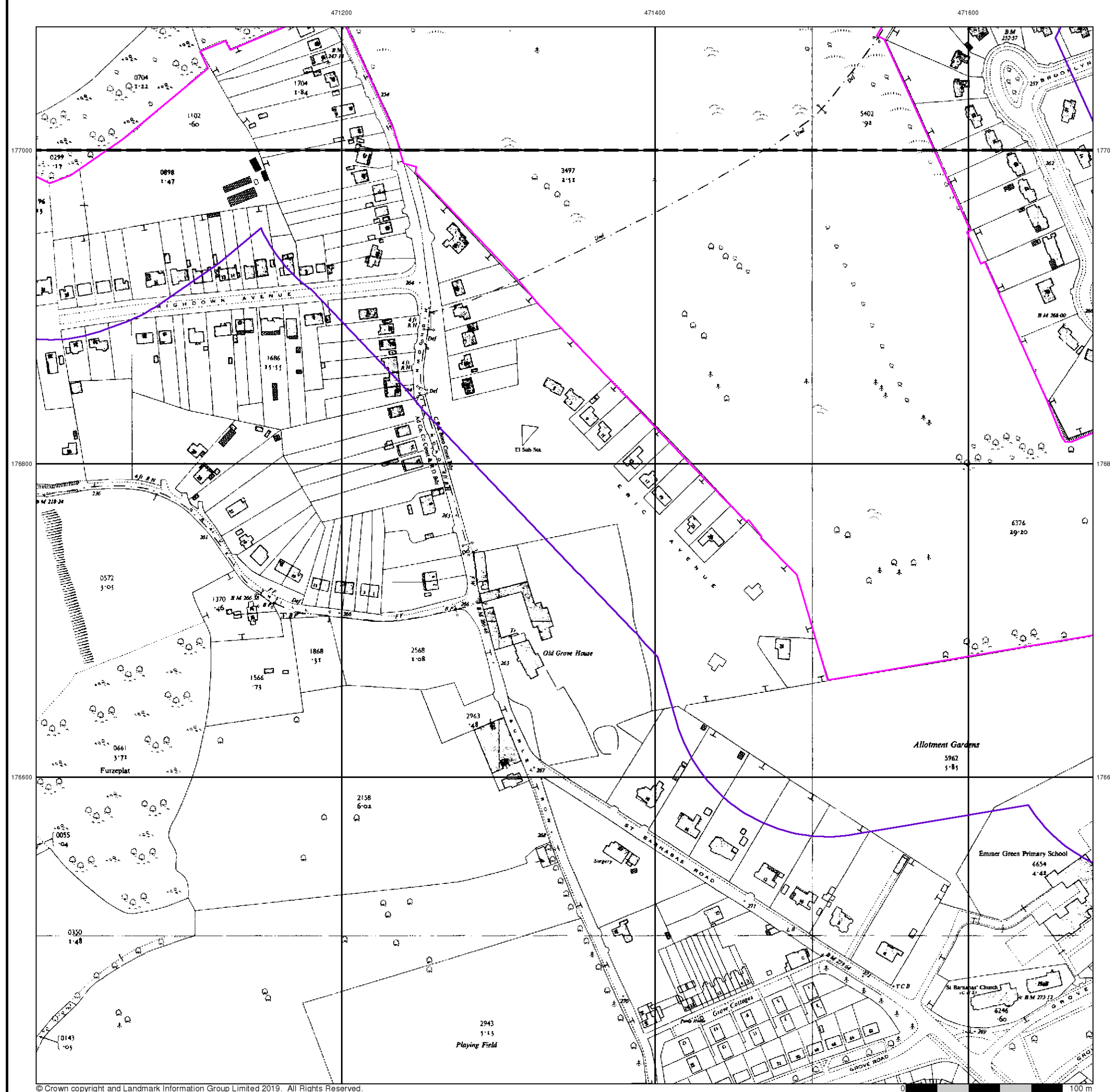
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

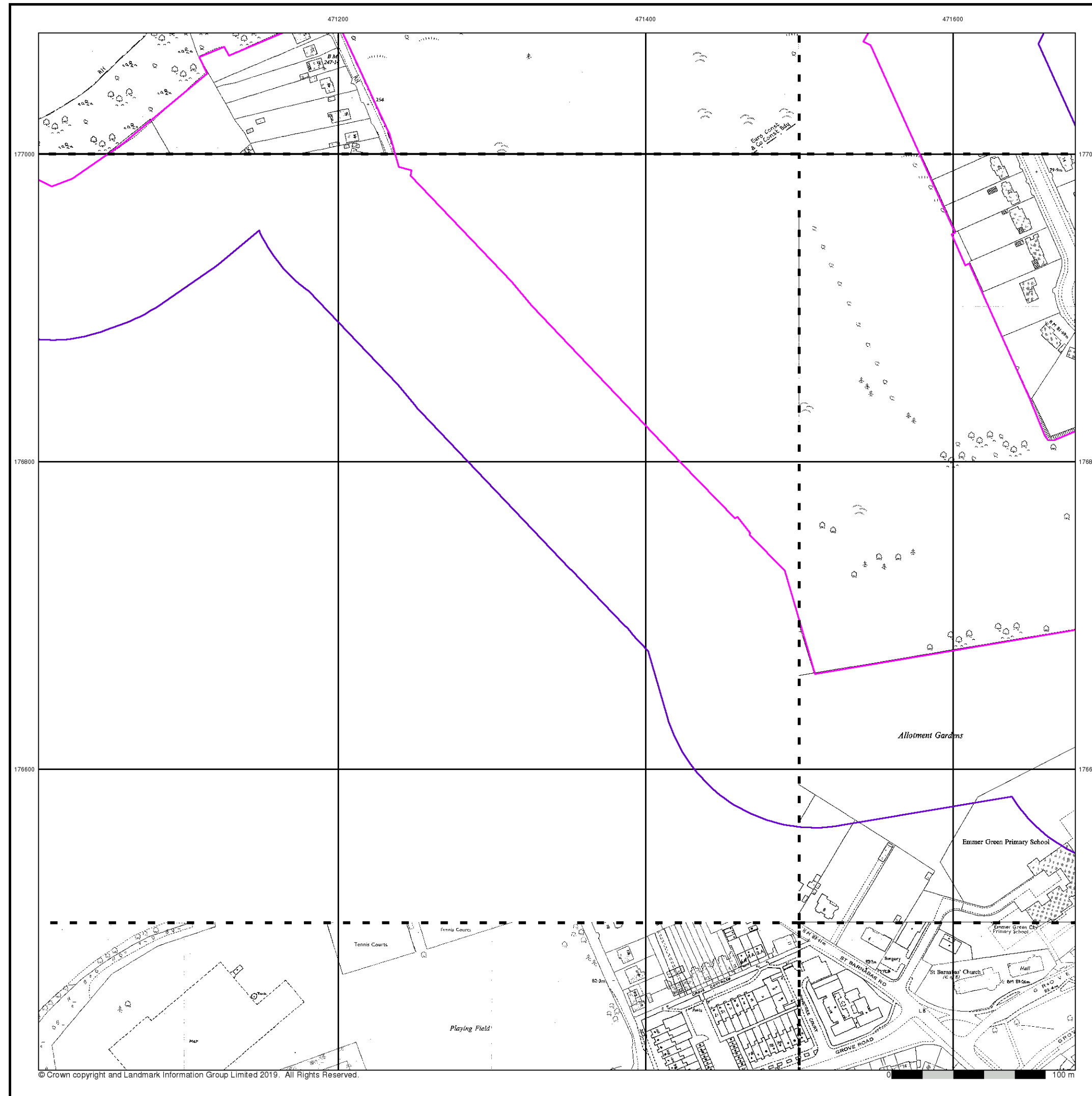
Site Details

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Additional SIMs

Published 1956 - 1989

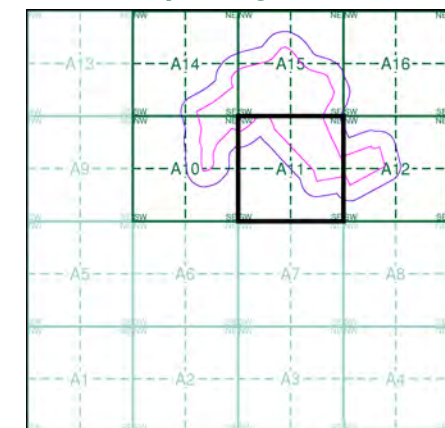
Source map scale - 1:1,250

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)

BU7177SW	986	1:1,250
BU7176NE	1956	1:1,250
BU7176SW	978	1:1,250
BU7176SE	989	1:1,250

Historical Map - Segment A11



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
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Search Buffer (m): 100

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Ordnance Survey Plan

Published 1967 - 1972

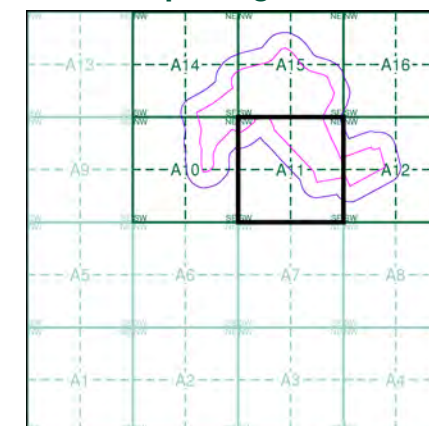
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SU7177SE
1972
1:1,250
SU7176NW
1967
1:1,250
SU7176SW SU7176SE
1970 1970
1:1,250 1:1,250

Historical Map - Segment A11



Order Details

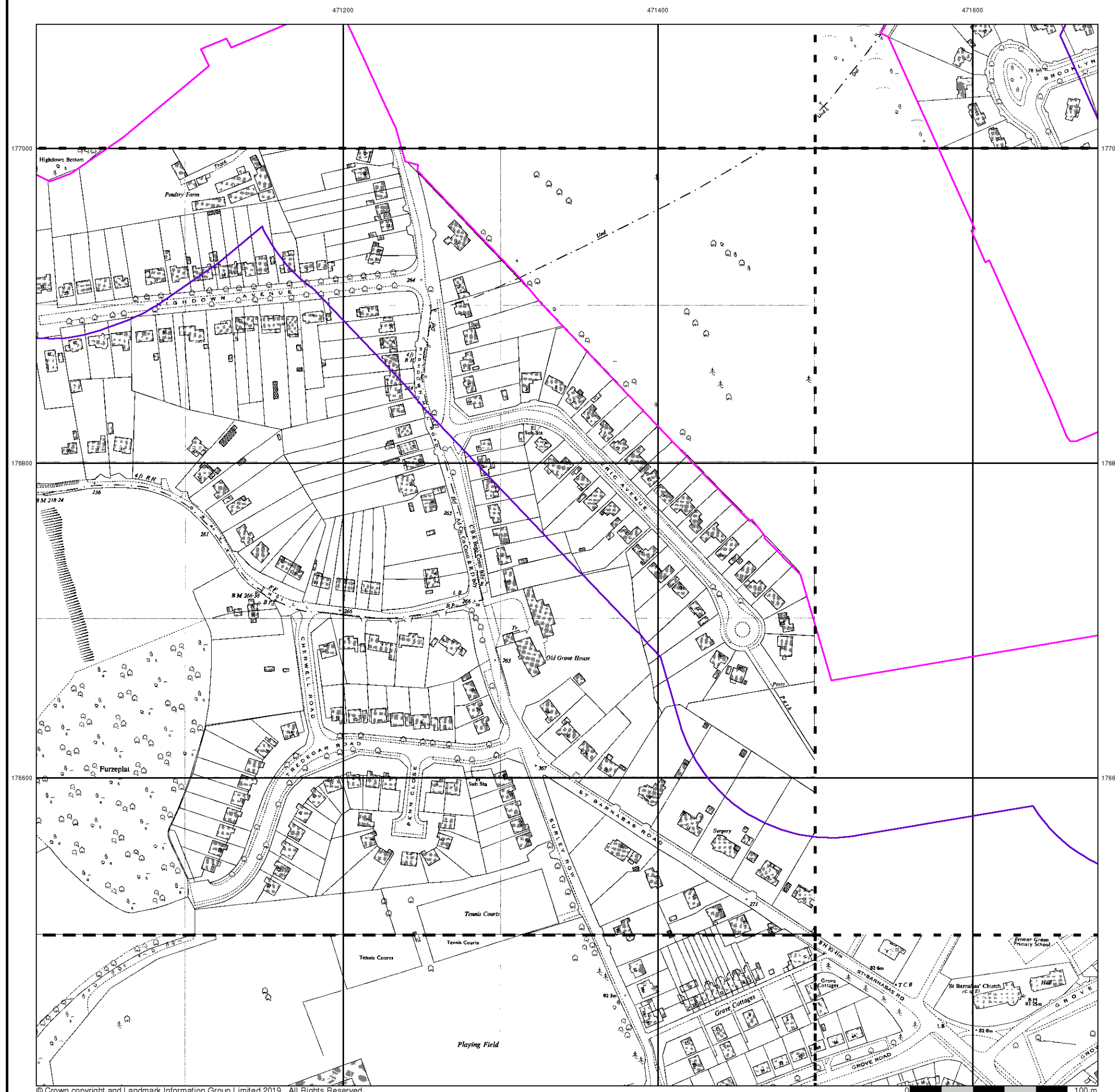
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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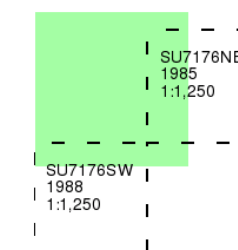
Additional SIMs

Published 1985 - 1988

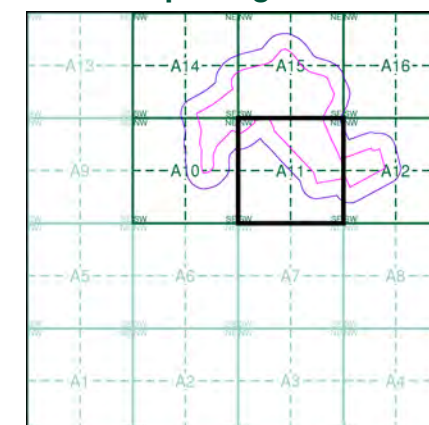
Source map scale - 1:1,250

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 A11



Order Details

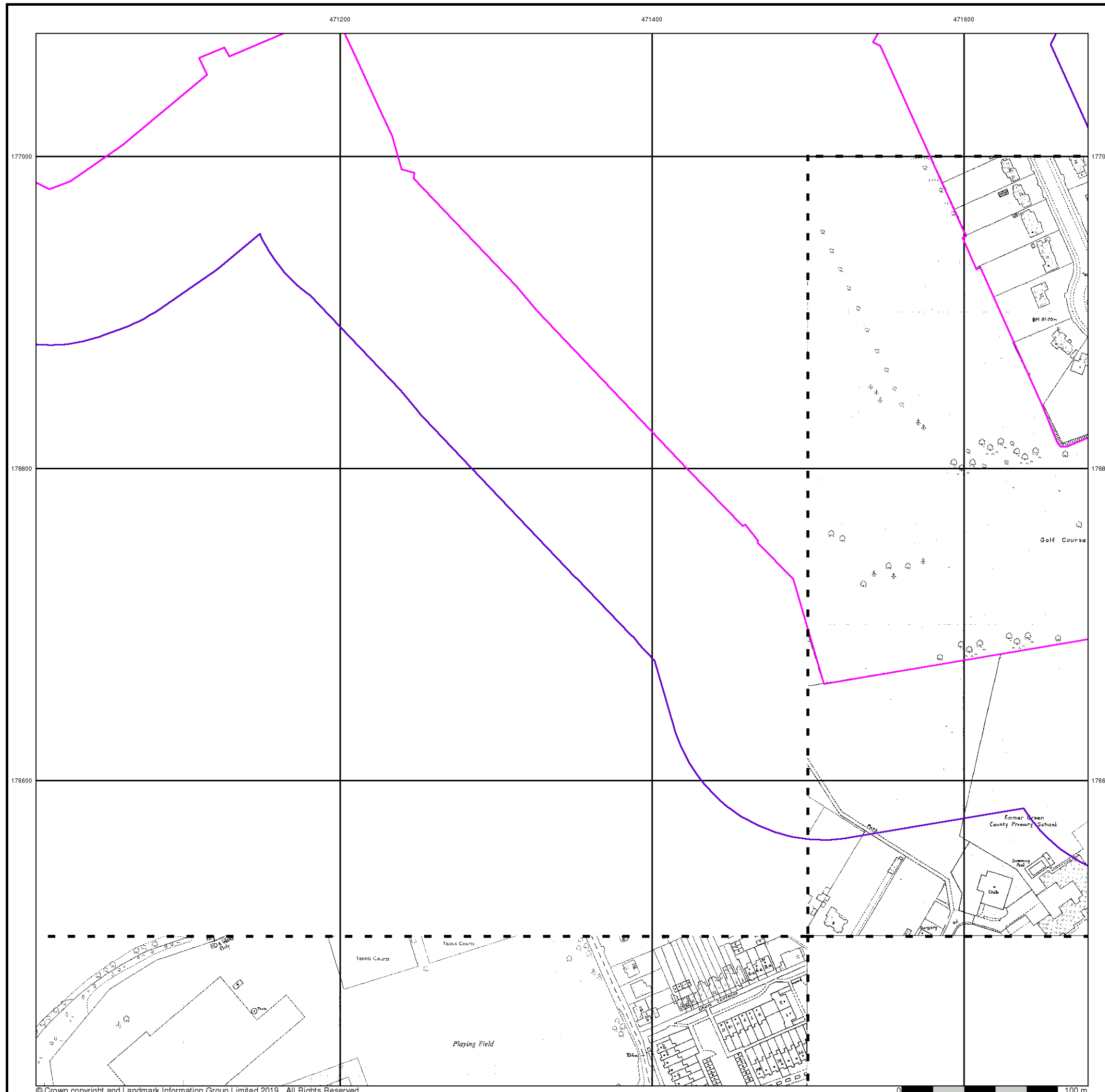
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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READING, RG4 8SQ



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Large-Scale National Grid Data

Published 1993

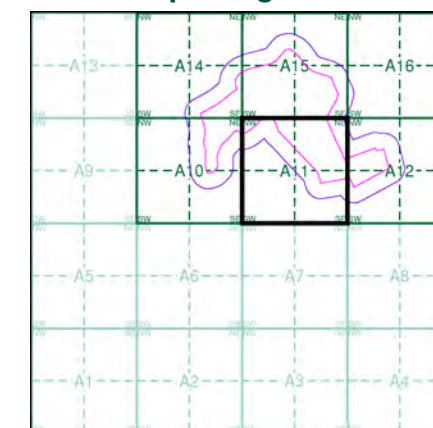
Source map scale - 1:1,250

'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)

BU7177SW	BU7177SE
993	993
1:1,250	1:1,250
BU7176NW	BU7176NE
993	993
1:1,250	1:1,250
BU7176SW	BU7176SE
993	993
1:1,250	1:1,250

Historical Map - Segment A11



Order Details

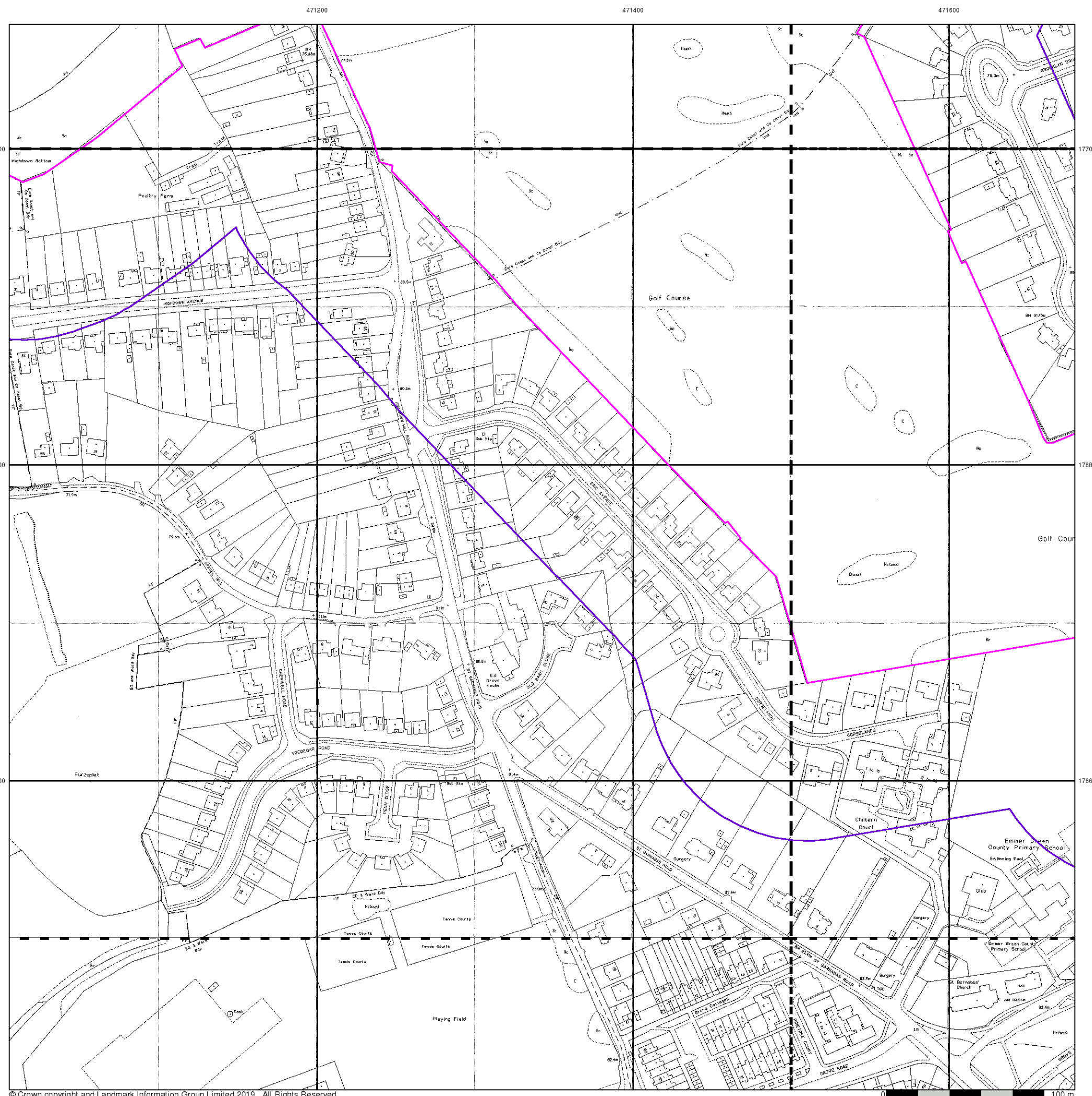
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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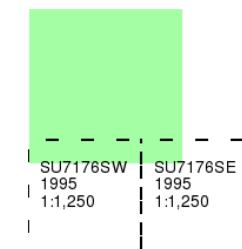
Large-Scale National Grid Data

Published 1995

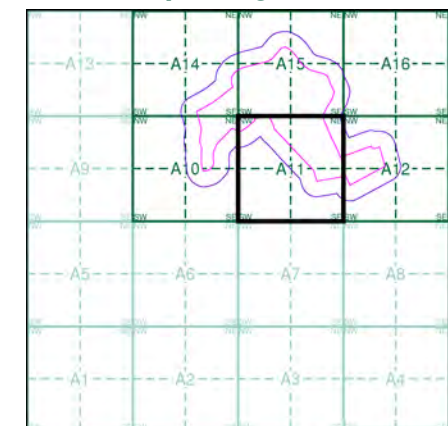
Source map scale - 1:1,250

'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 A11



Order Details

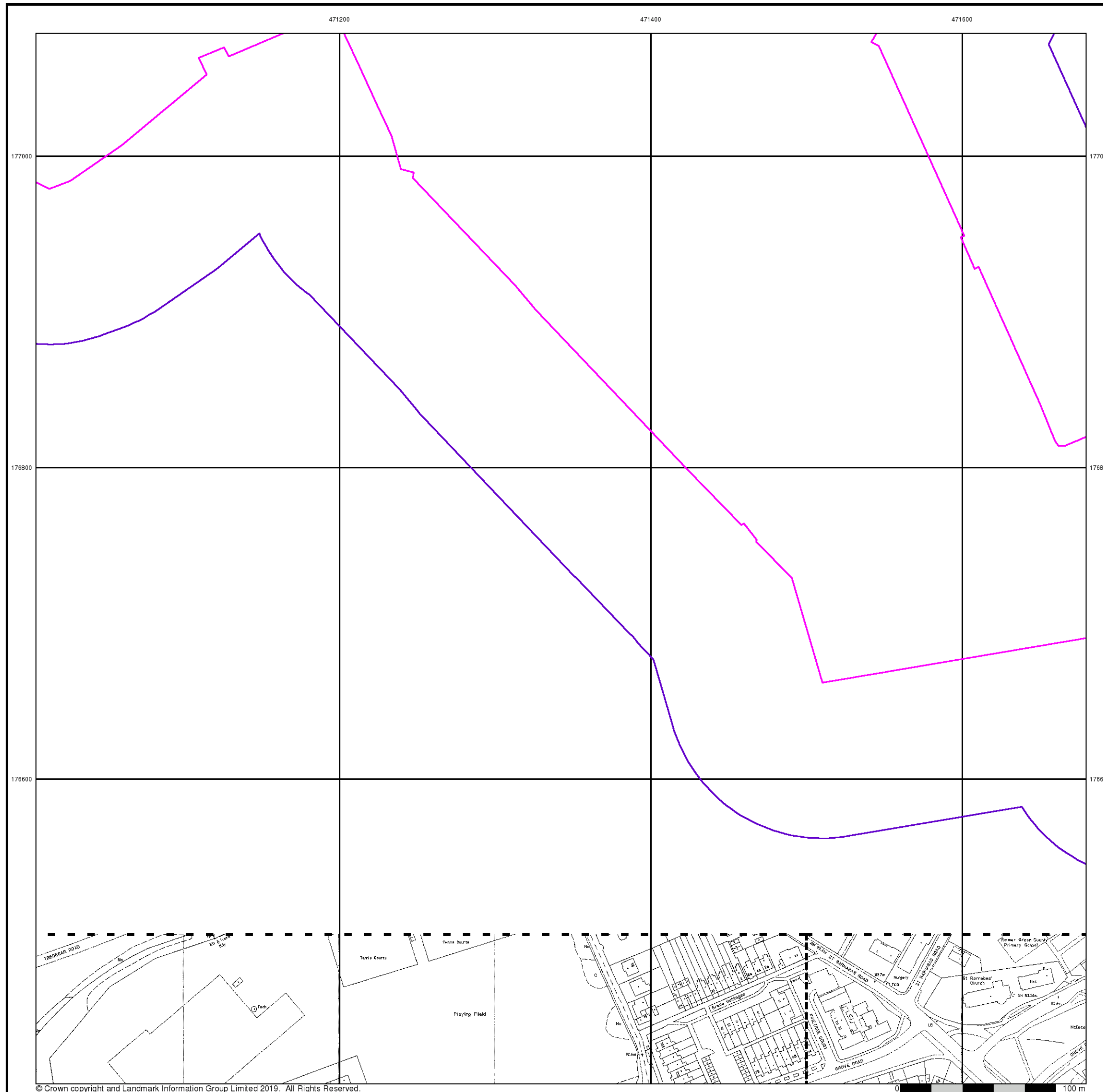
Order Number: 191585181_1_1
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Site Details

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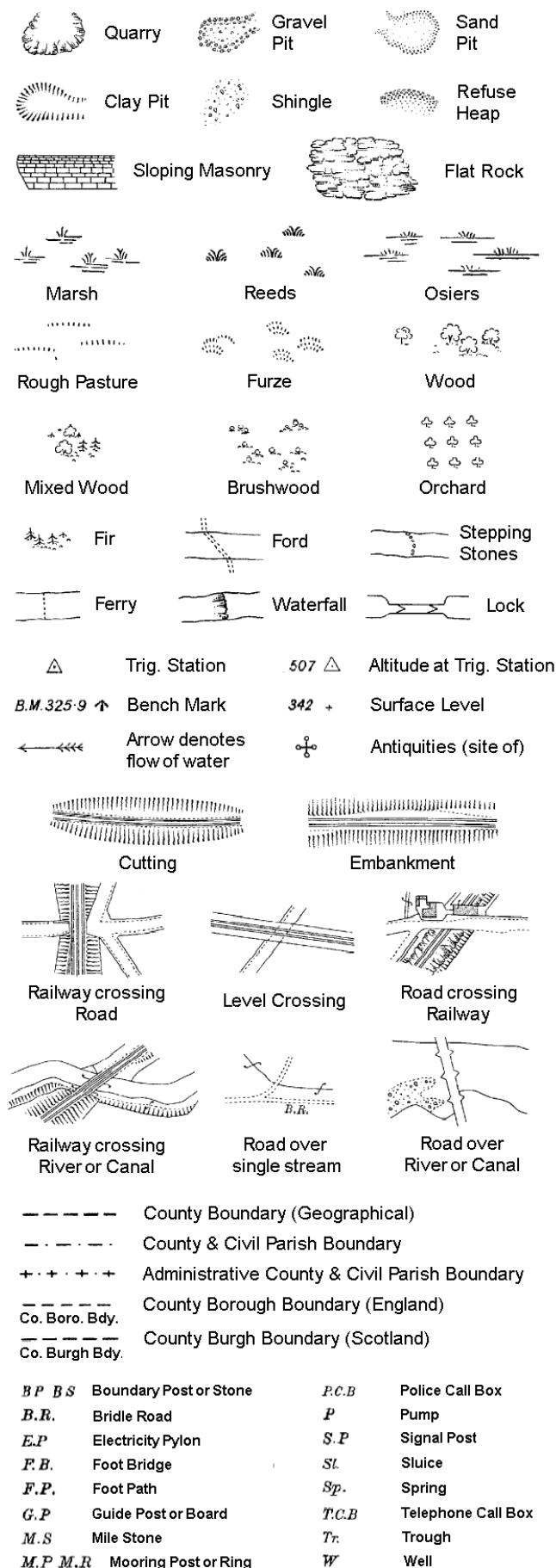


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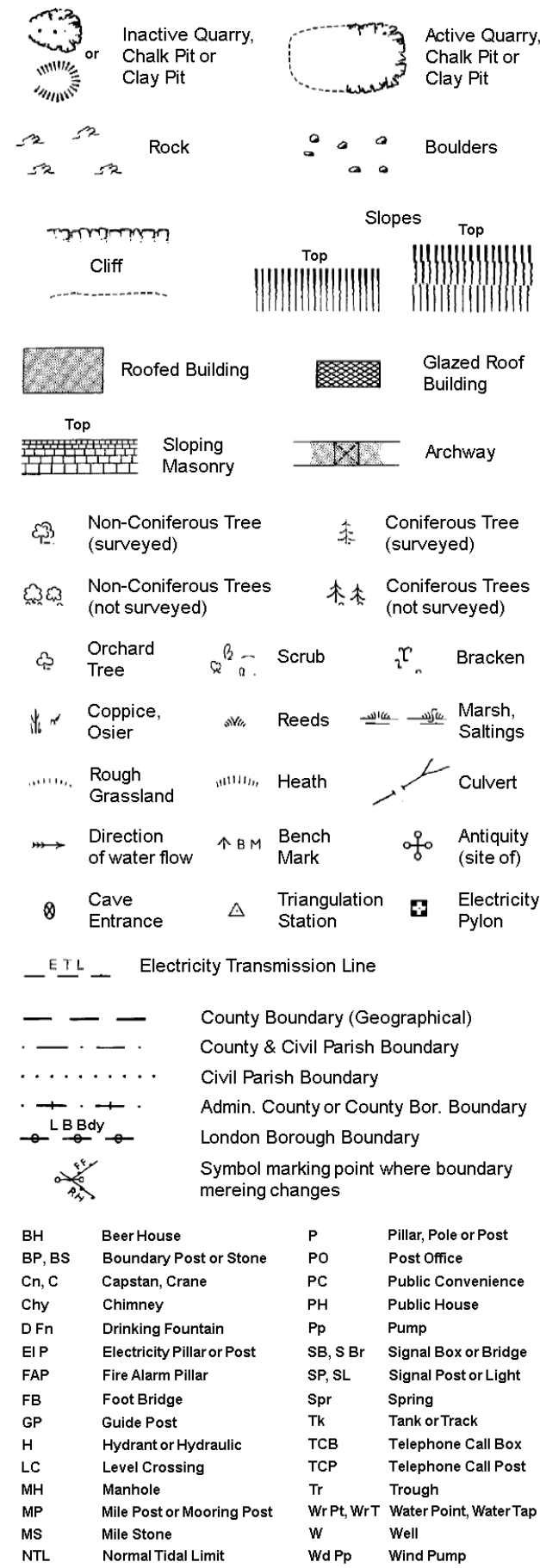


Historical Mapping Legends

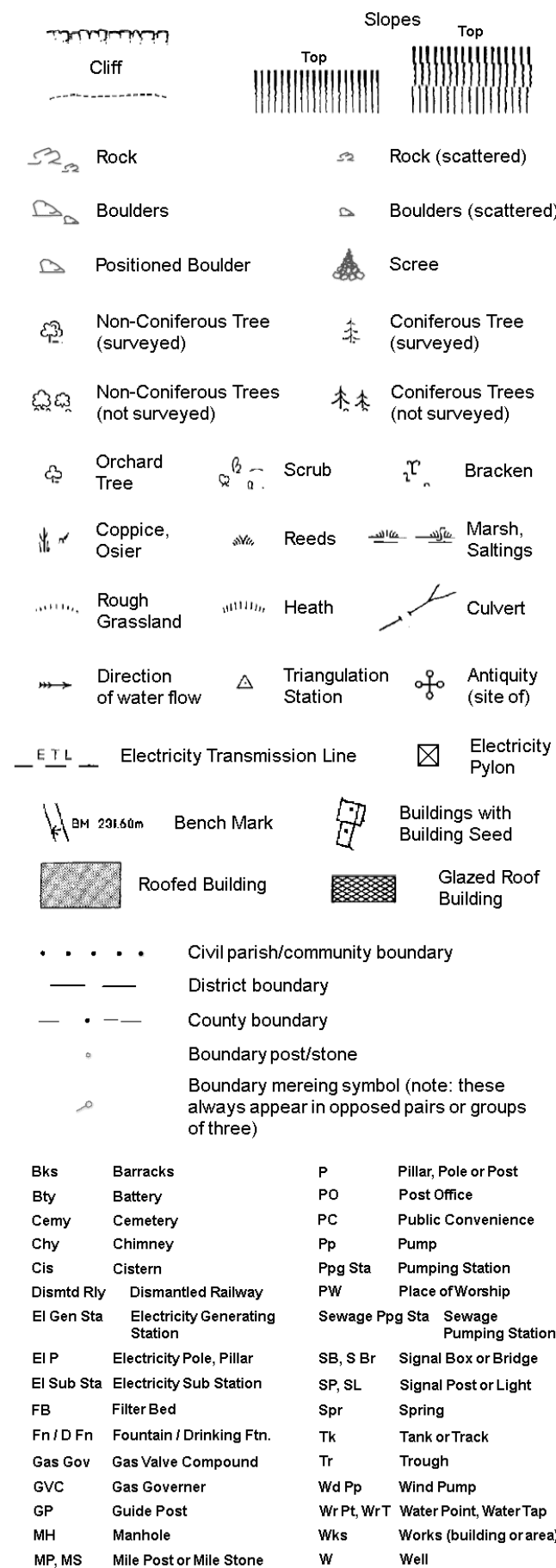
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



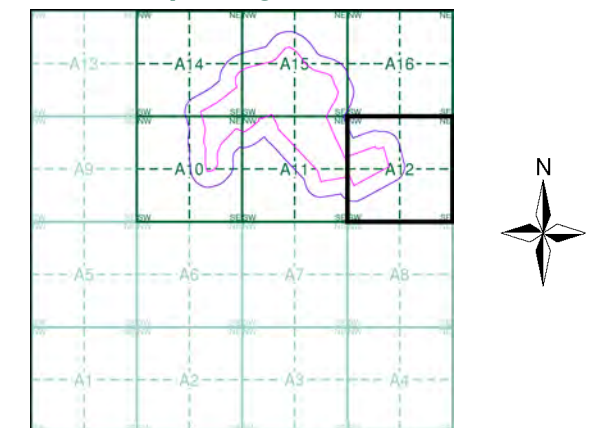
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1878	2
Oxfordshire	1:2,500	1898	3
Berkshire	1:2,500	1913	4
Berkshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1956 - 1957	6
Ordnance Survey Plan	1:1,250	1956	7
Additional SIMs	1:1,250	1956 - 1990	8
Ordnance Survey Plan	1:2,500	1968 - 1971	9
Ordnance Survey Plan	1:1,250	1968 - 1972	10
Ordnance Survey Plan	1:1,250	1972	11
Additional SIMs	1:1,250	1985	12
Large-Scale National Grid Data	1:1,250	1993	13
Large-Scale National Grid Data	1:1,250	1995	14
Large-Scale National Grid Data	1:1,250	1996	15

Historical Map - Segment A12



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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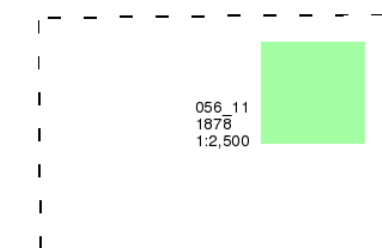
Oxfordshire

Published 1878

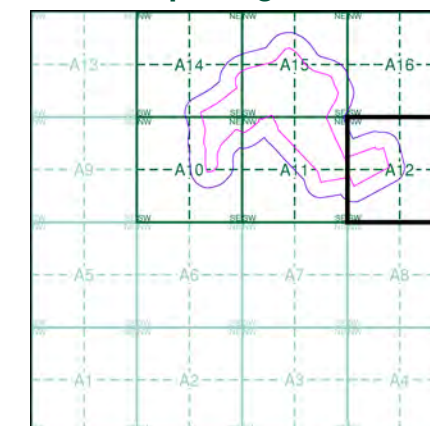
Source map scale - 1:2,500

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

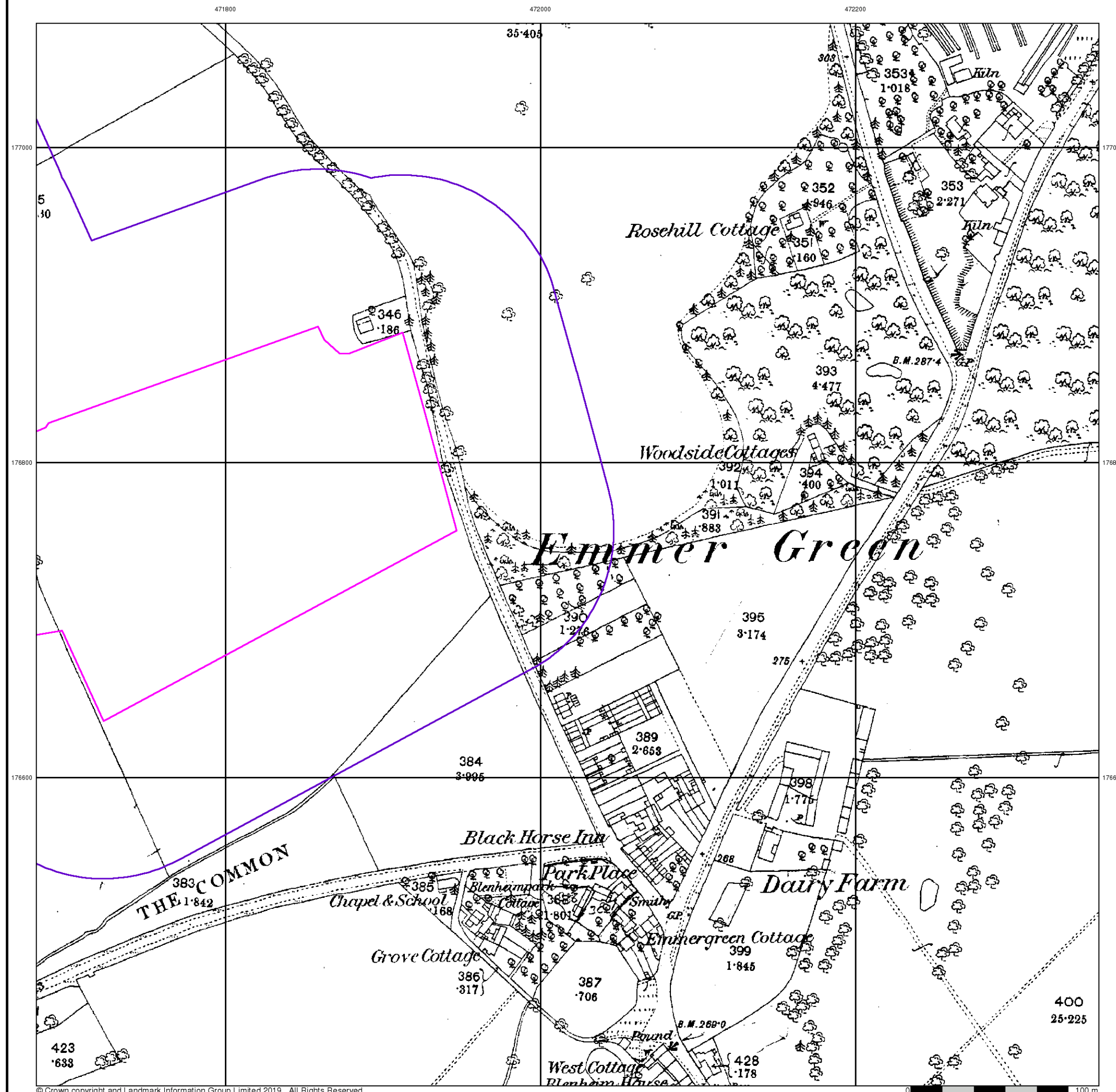
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Landmark
INFORMATION GROUP

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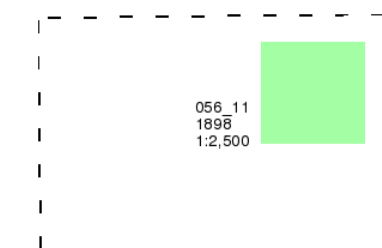
Oxfordshire

Published 1898

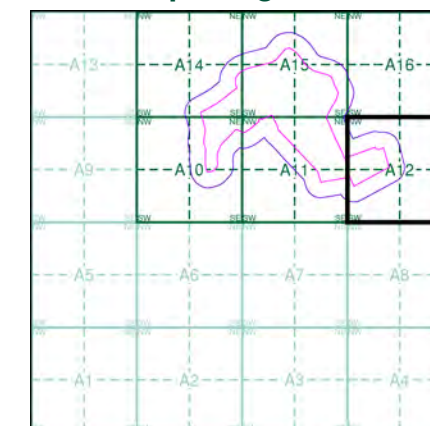
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

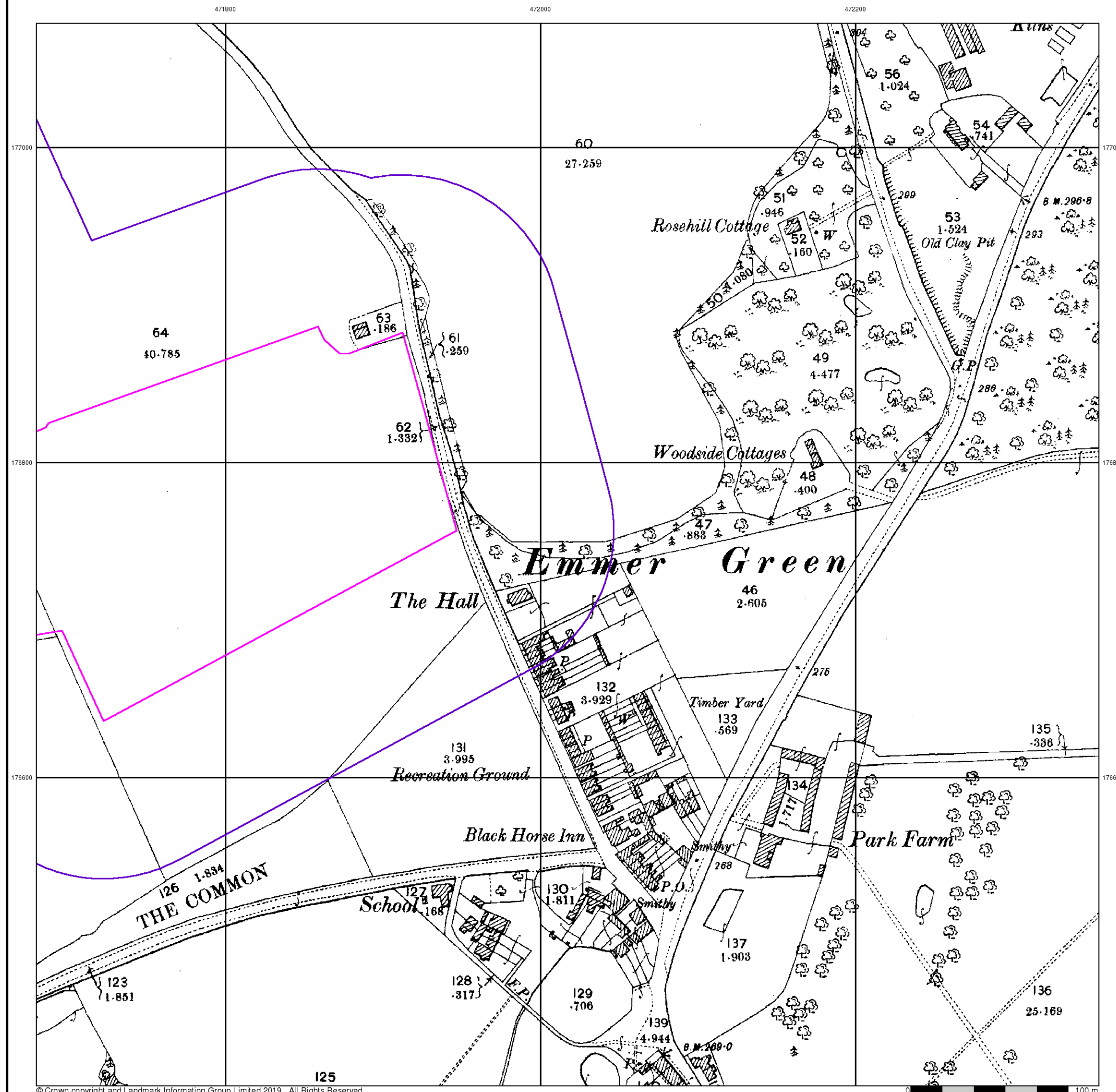
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
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Site Details

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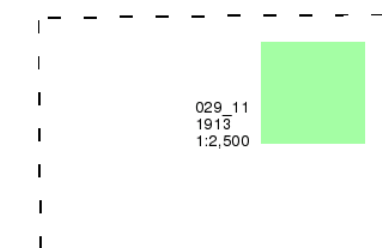
Berkshire

Published 1913

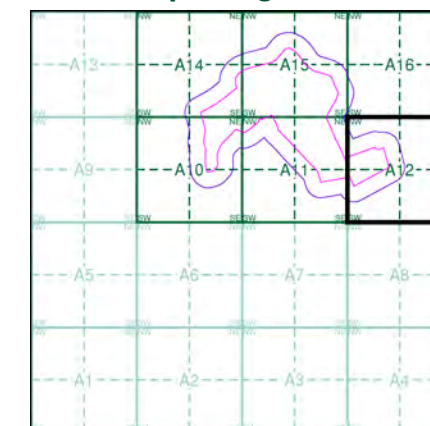
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

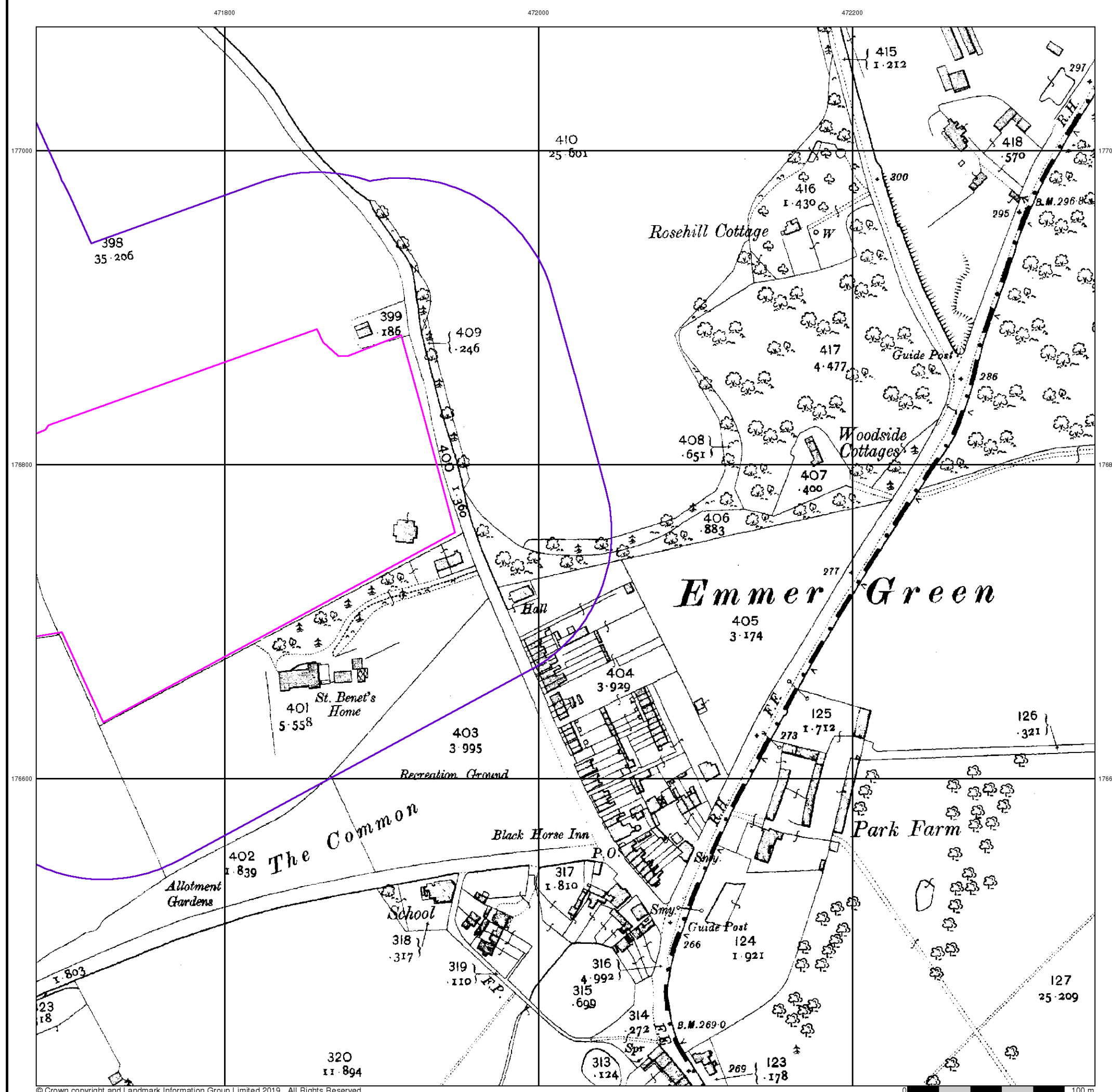
Order Number: 191585181_1_1
Customer Ref: 12112
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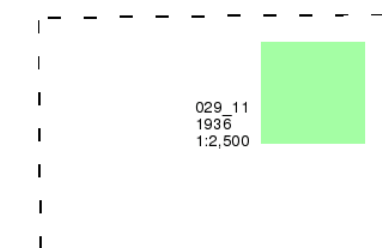
Berkshire

Published 1936

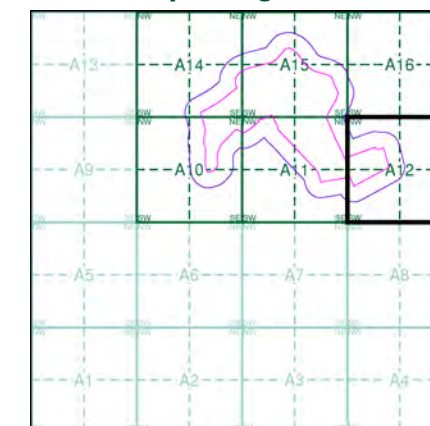
Source map scale - 1:2,500

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

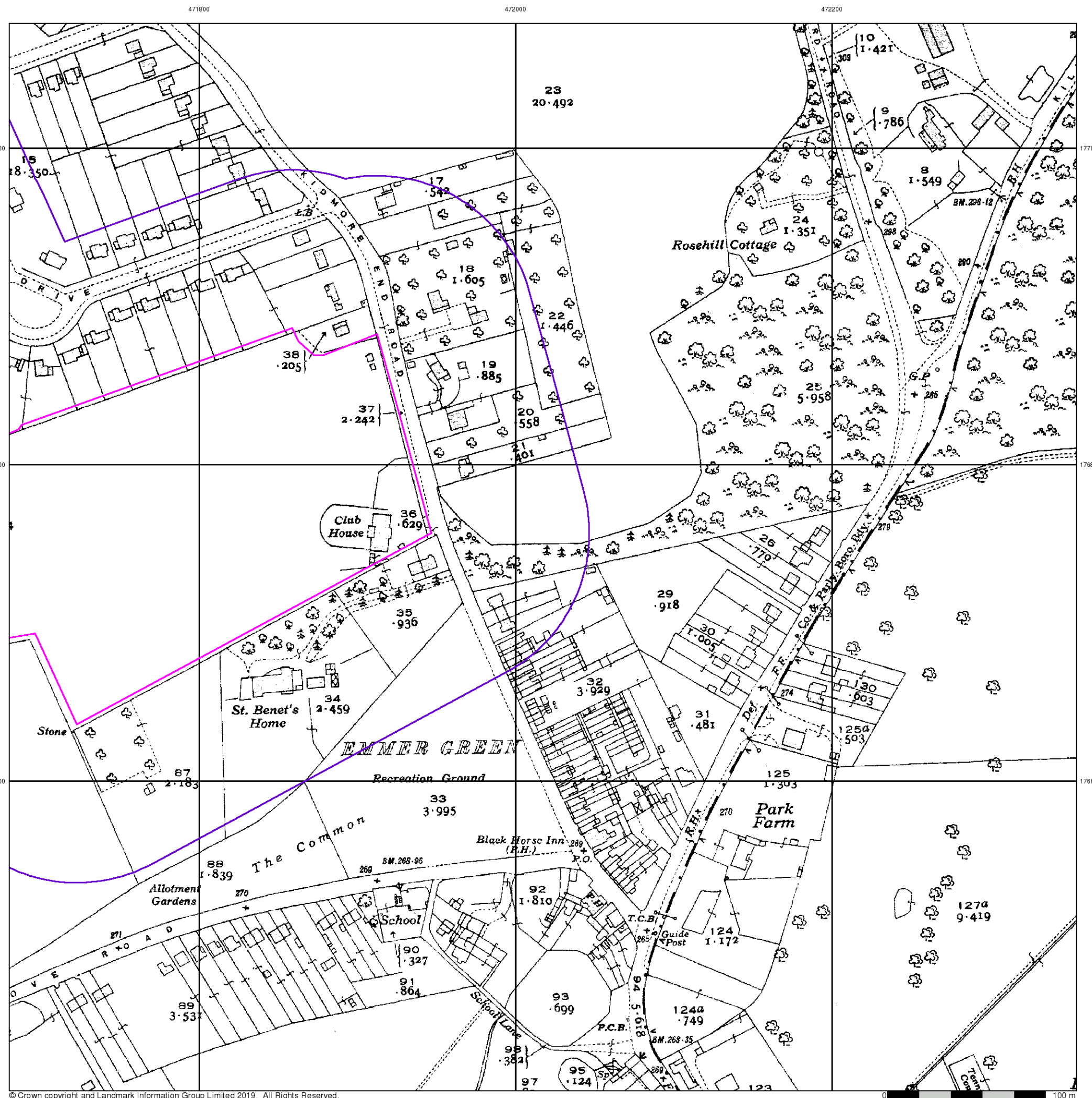
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

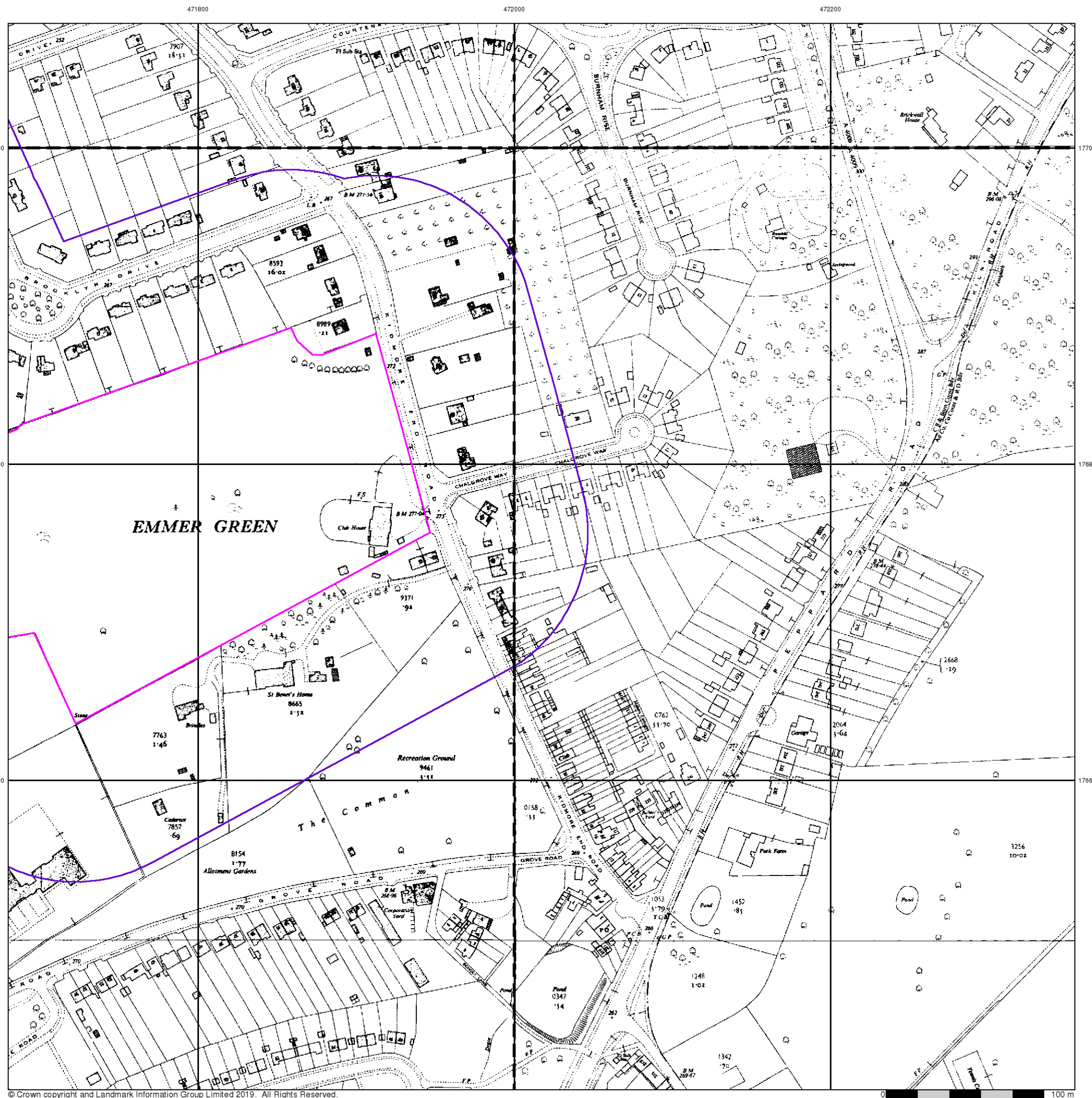
Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ

Landmark
INFORMATION GROUP

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Ordnance Survey Plan

Published 1956 - 1957

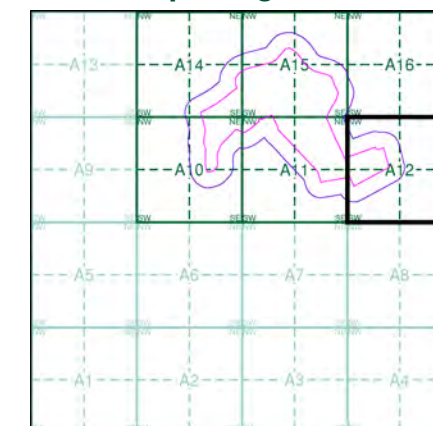
Source map scale - 1:2,500

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)

SU7177 1956 12,500	SU7277 1956 12,500
SU7176 1957 12,500	SU7276 1956 12,500

Historical Map - Segment A12



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1956

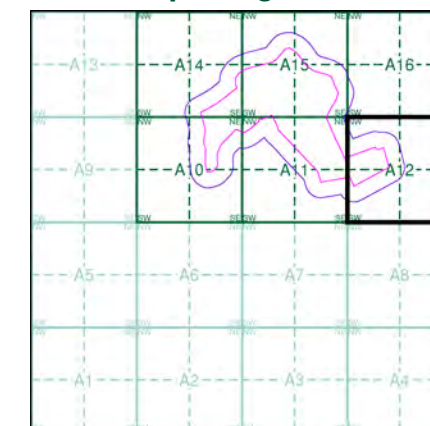
Source map scale - 1:1,250

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)

SU7177SE	SU7277SW
1956	1956
1:1,250	1:1,250
SU7176NE	SU7276NW
1956	1956
1:1,250	1:1,250
SU7176SE	SU7276SW
1956	1956
1:1,250	1:1,250

Historical Map - Segment A12



Order Details

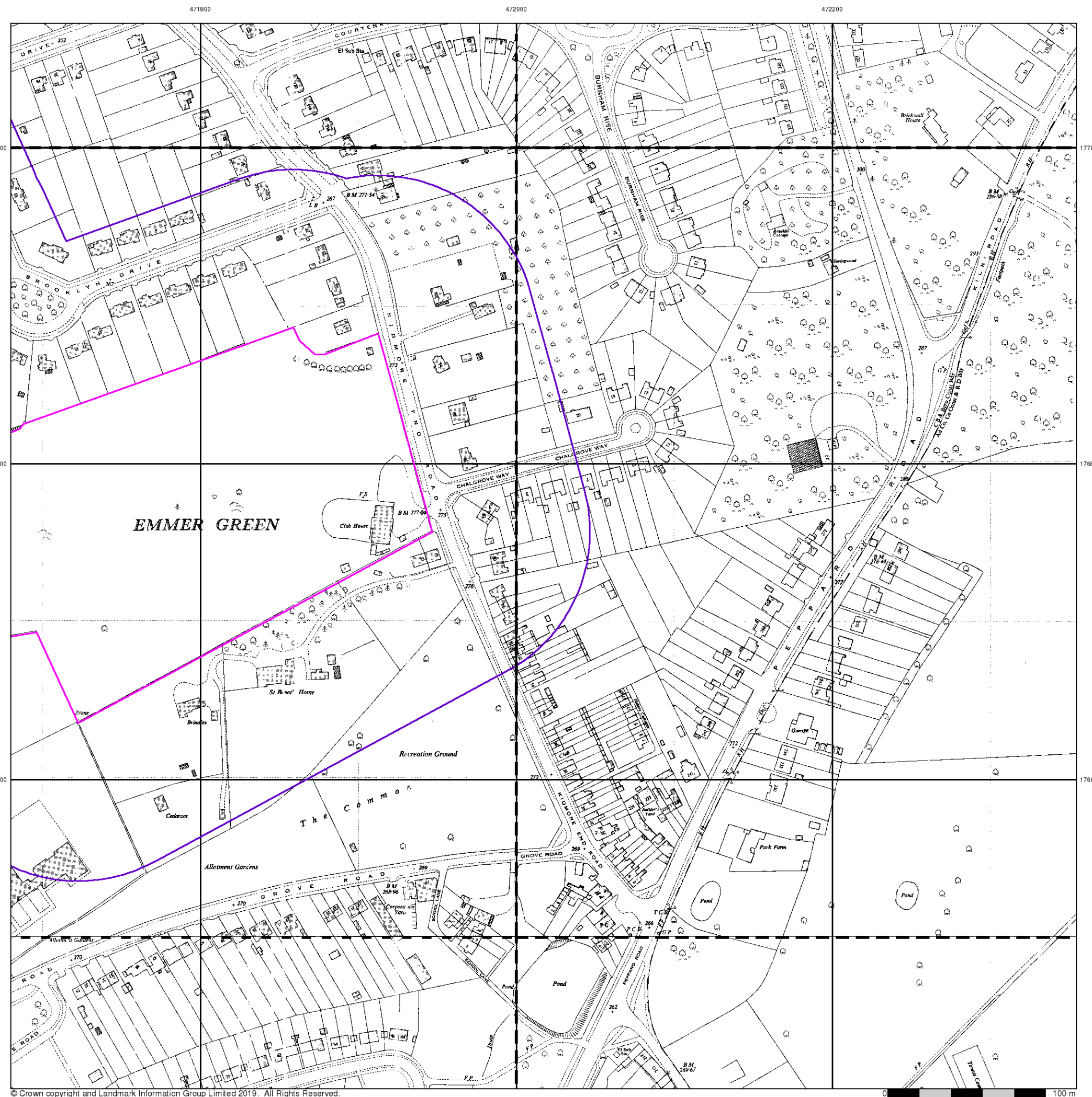
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ



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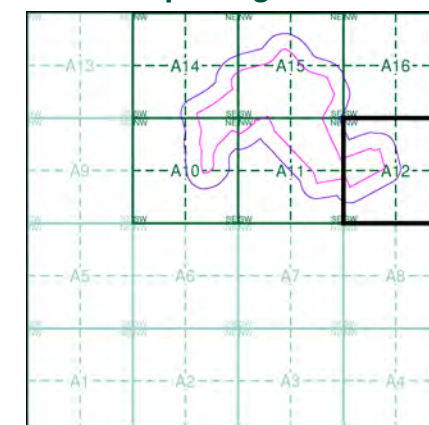


The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

\$U7277SV
 1984
 1:1,250
 —————
 \$U7176NE \$U7276N
 1956 1990
 1:1,250 1:1,250
 —————
 \$U7176SE \$U7276SV
 1989 1989
 1:1,250 1:1,250

Historical Map - Segment A12



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ

Landmark
INFORMATION GROUP

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Ordnance Survey Plan

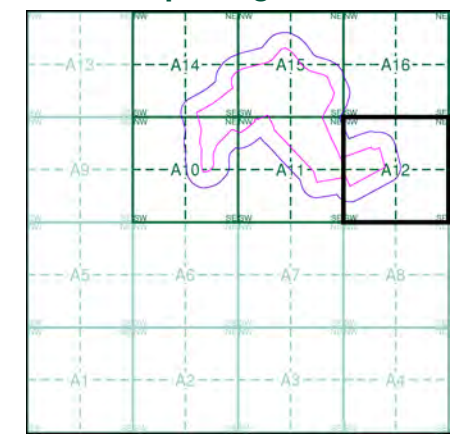
Published 1968 - 1971
Source map scale - 1:2,500

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)

SU7277
1971
1:2,500
SU7276
1968
1:2,500

Historical Map - Segment A12



Order Details

Order Number:	191585181_1_1
Customer Ref:	12112
National Grid Reference:	471120, 176760
Slice:	A
Site Area (Ha):	44.51
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1968 - 1972

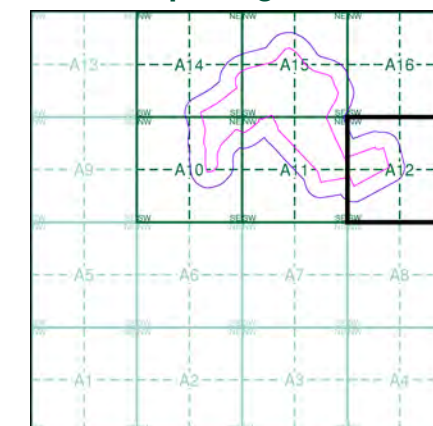
Source map scale - 1:1,250

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)

SU7177SE	SU7277SW
1972	1969
1:1,250	1:1,250
- - -	
SU7276NW	
1968	
1:1,250	
- - -	
SU7176SE	SU7276SW
1970	1972
1:1,250	1:1,250
- - -	

Historical Map - Segment A12



Order Details

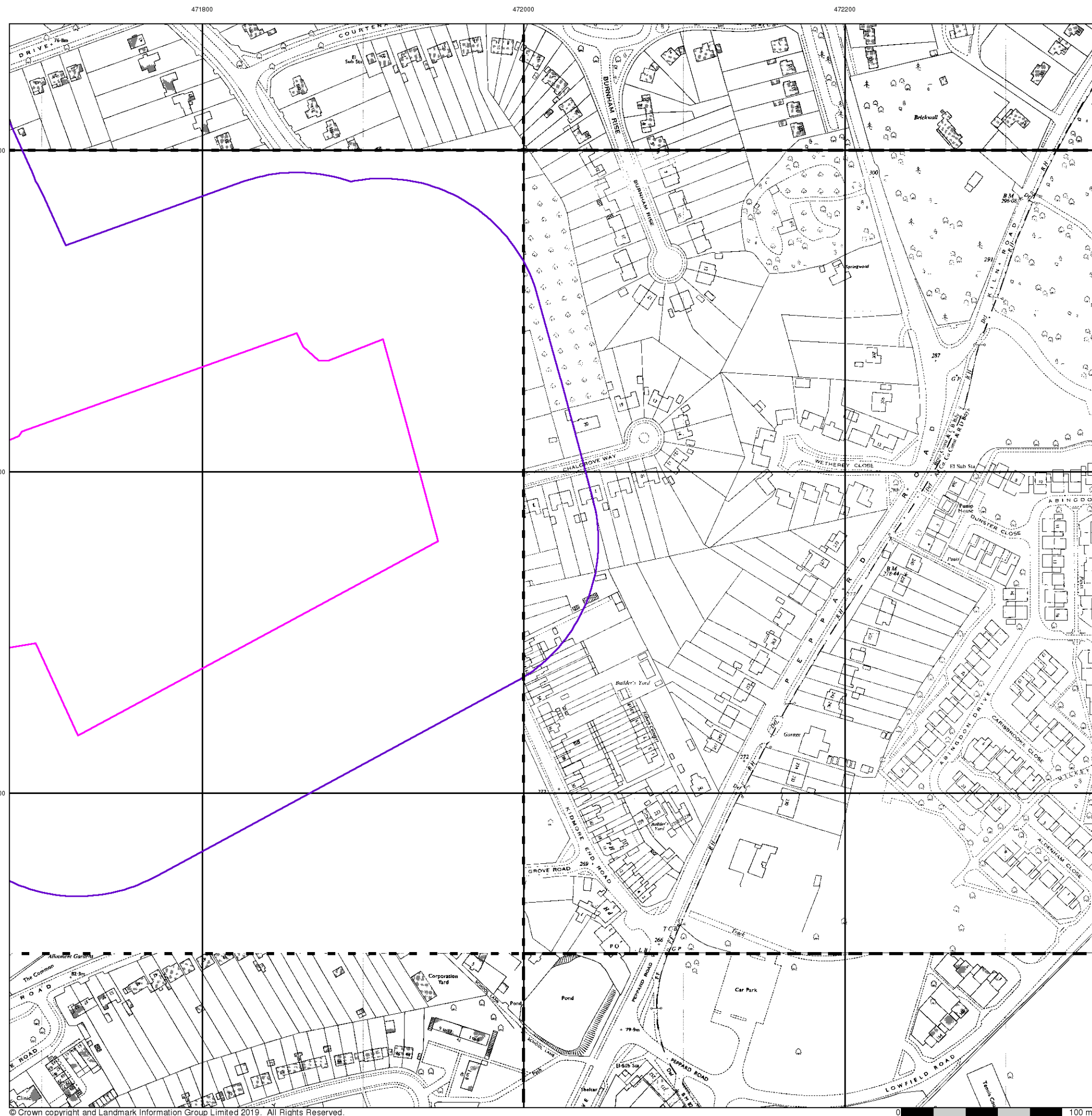
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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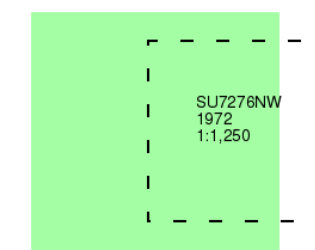
Ordnance Survey Plan

Published 1972

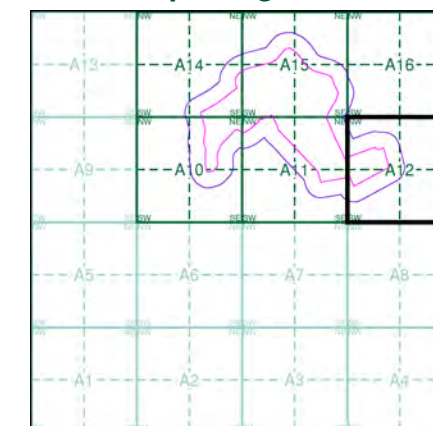
Source map scale - 1:1,250

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

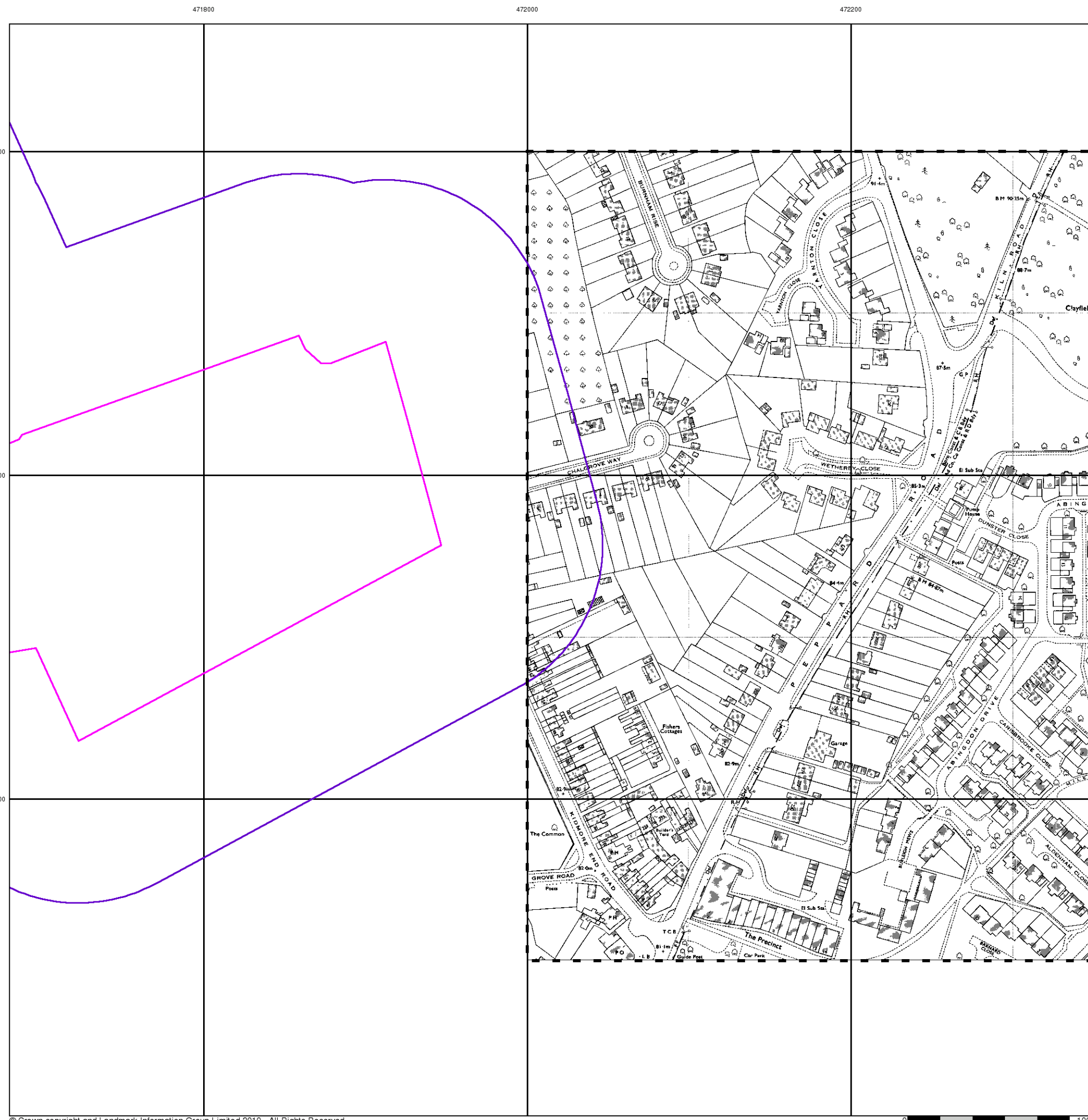
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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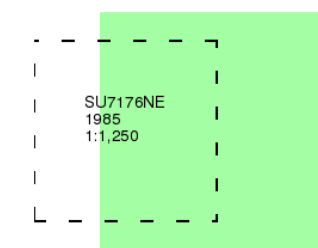
Additional SIMs

Published 1985

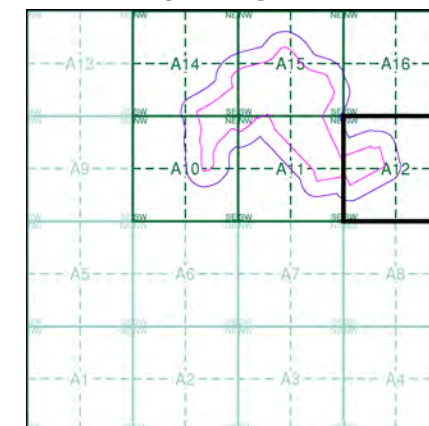
Source map scale - 1:1,250

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

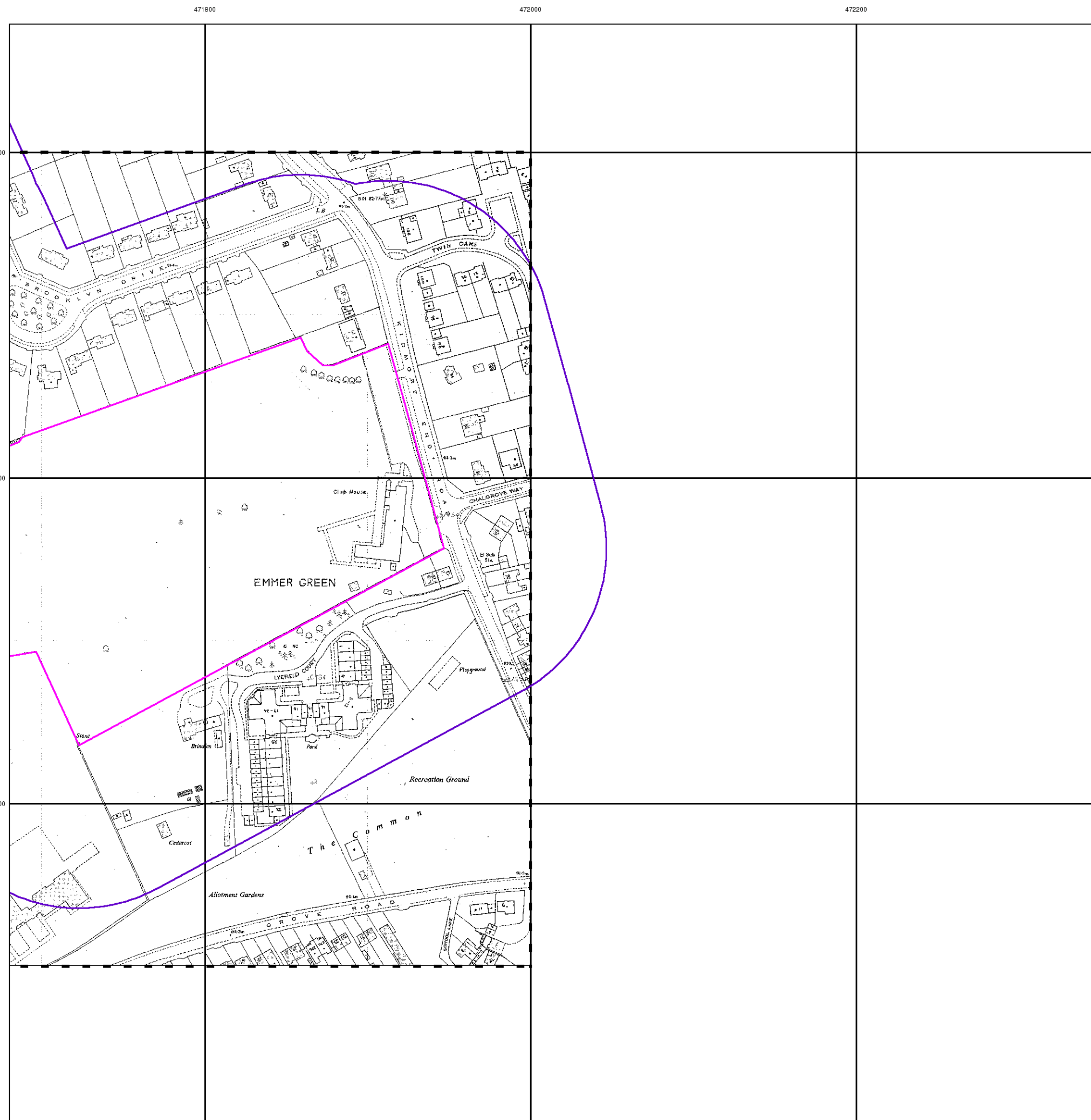
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

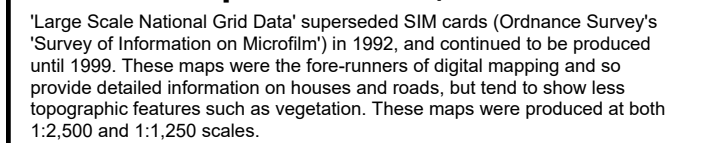
Site Details

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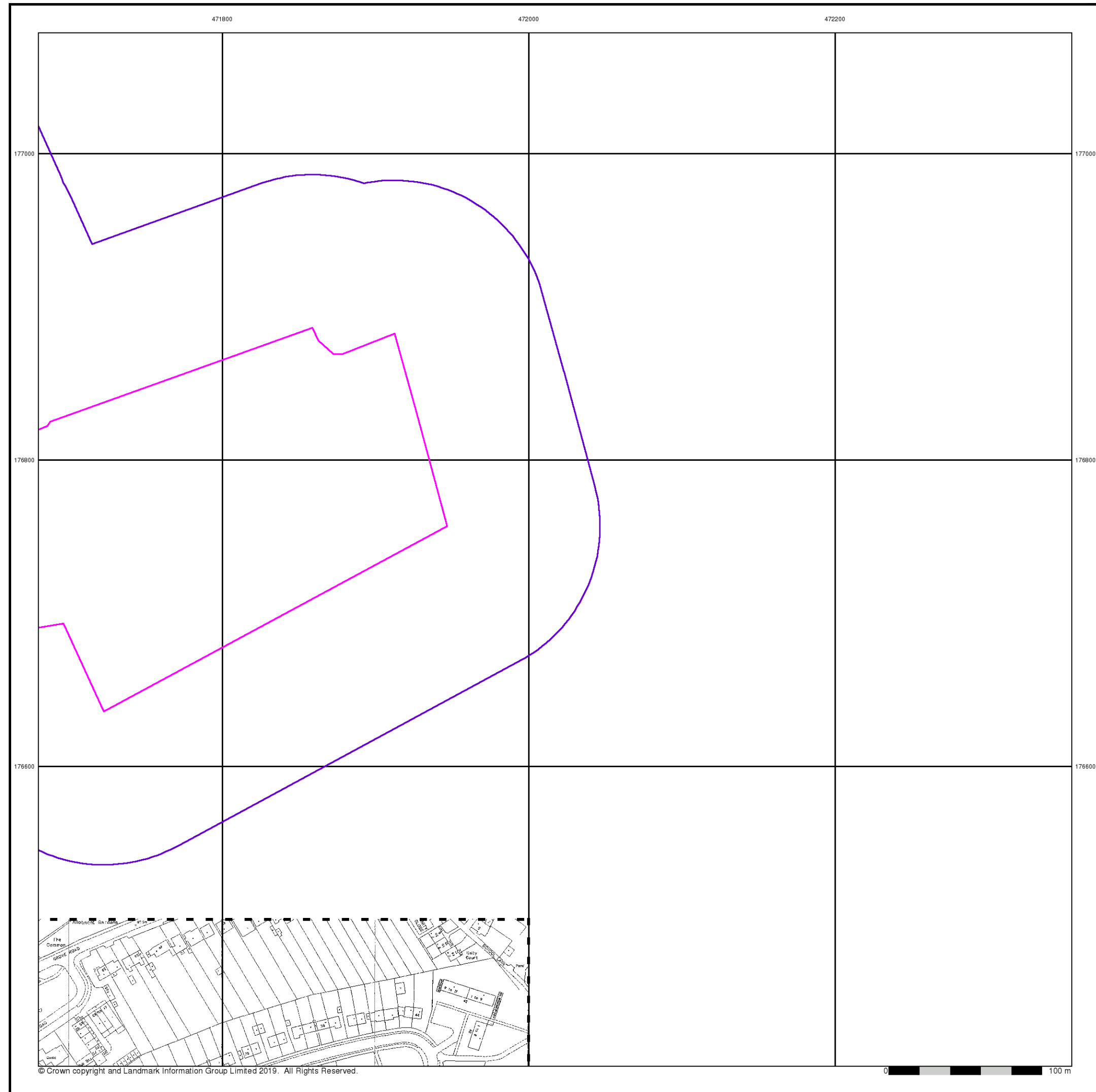
BU7177SE	BU7277SW
1993	1993
1:1,250	1:1,250
BU7176NE	BU7276NW
1993	1993
1:1,250	1:1,250
BU7176SE	BU7276SW
1993	1993
1:1,250	1:1,250



Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

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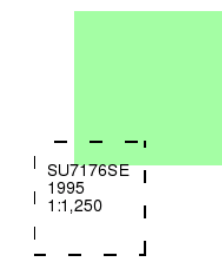
Large-Scale National Grid Data

Published 1995

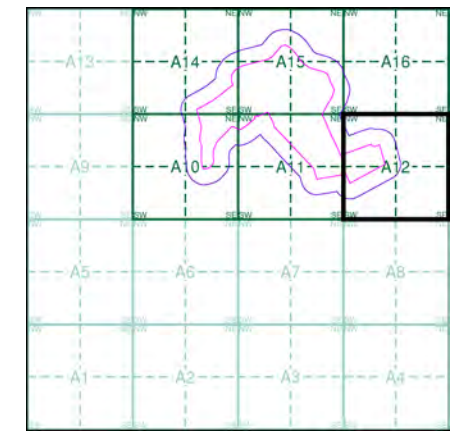
Source map scale - 1:1,250

'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 A12



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

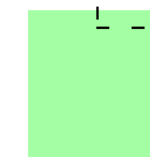
Published 1996

Source map scale - 1:1,250

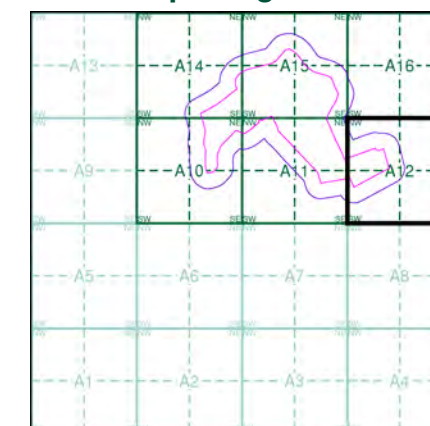
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SU7277SW
1996
1:1,250



Historical Map - Segment A12



Order Details

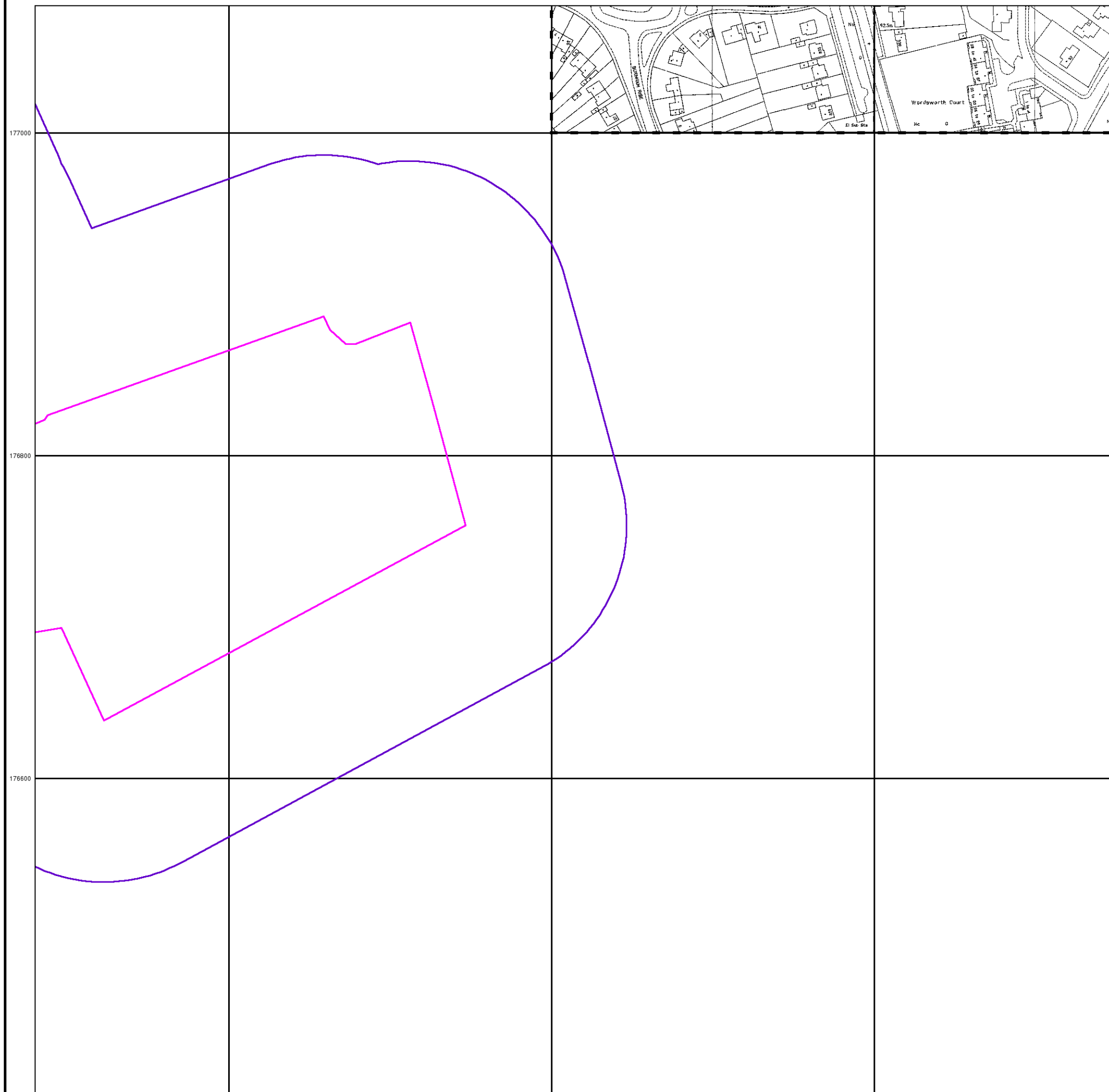
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ

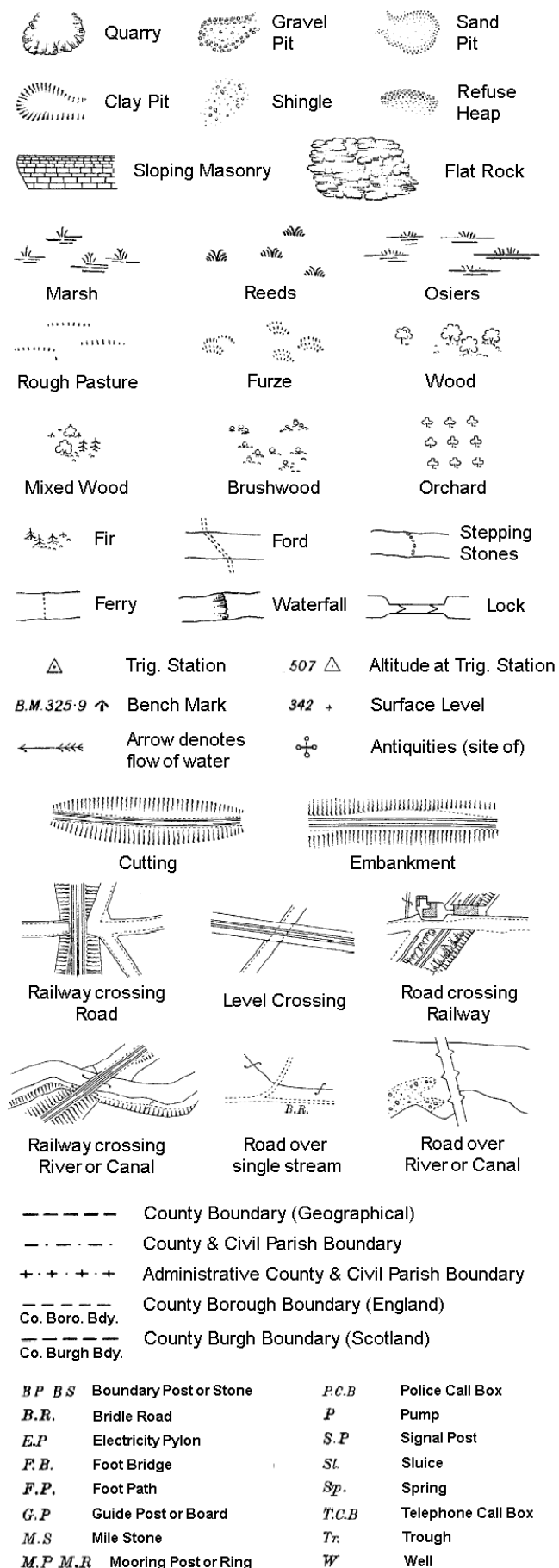
Landmark
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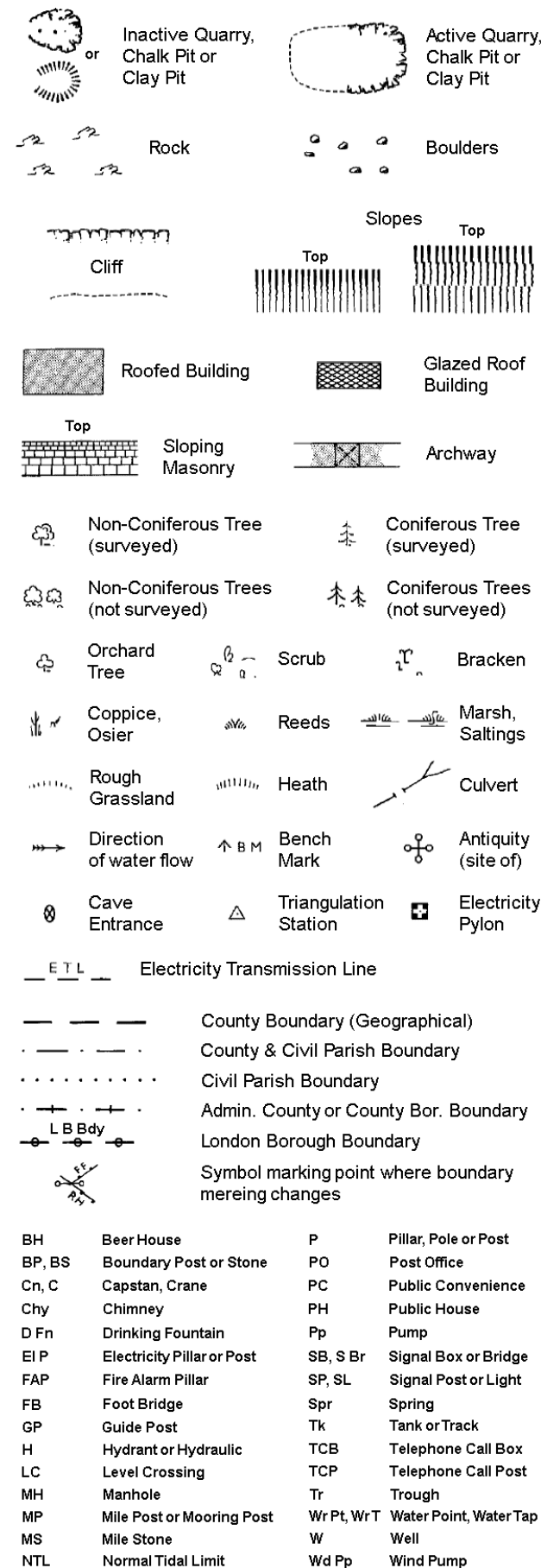


Historical Mapping Legends

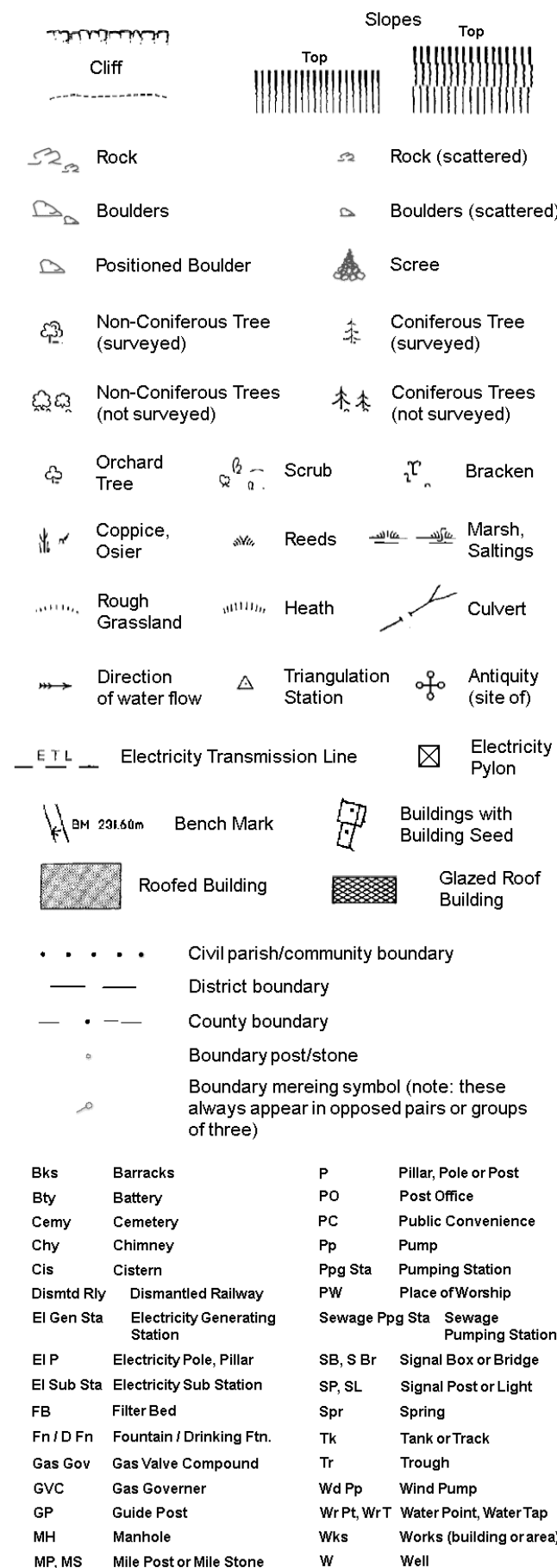
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



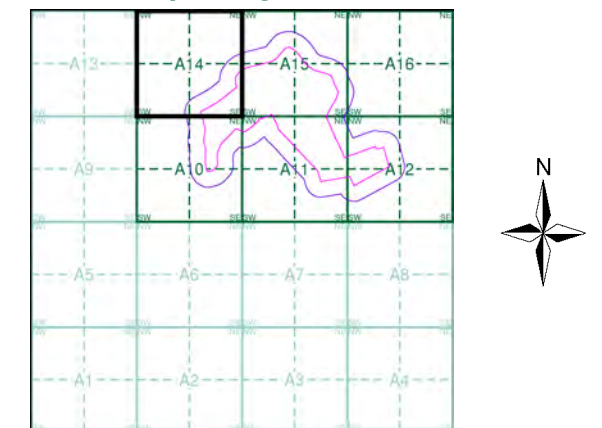
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1878 - 1879	2
Oxfordshire	1:2,500	1898	3
Berkshire	1:2,500	1913	4
Berkshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1956 - 1964	6
Ordnance Survey Plan	1:1,250	1956	7
Additional SIMs	1:1,250	1956 - 1986	8
Additional SIMs	1:2,500	1964	9
Additional SIMs	1:2,500	1990	10
Large-Scale National Grid Data	1:1,250	1993	11
Large-Scale National Grid Data	1:2,500	1993	12

Historical Map - Segment A14



Order Details

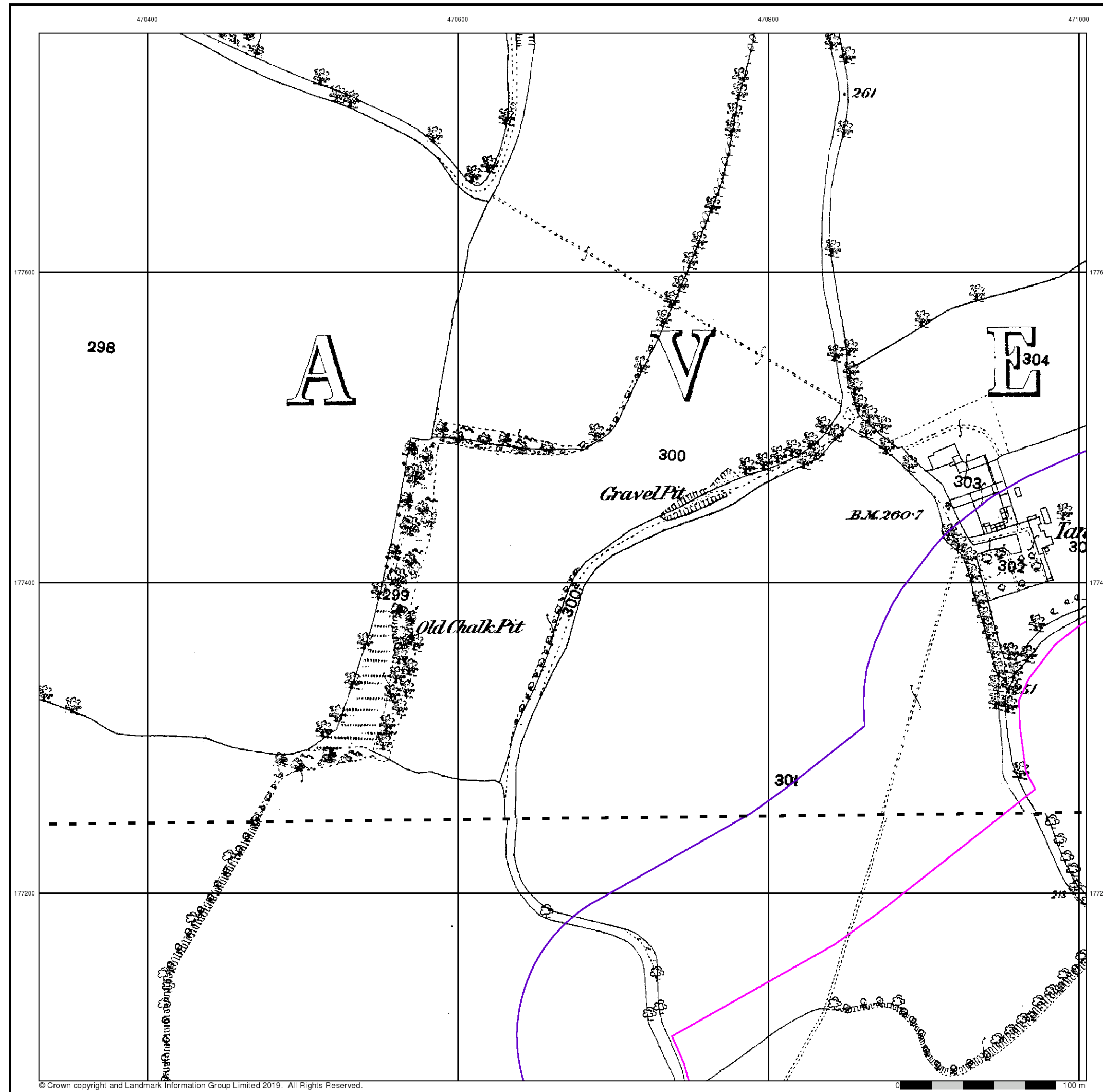
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Oxfordshire

Published 1878 - 1879

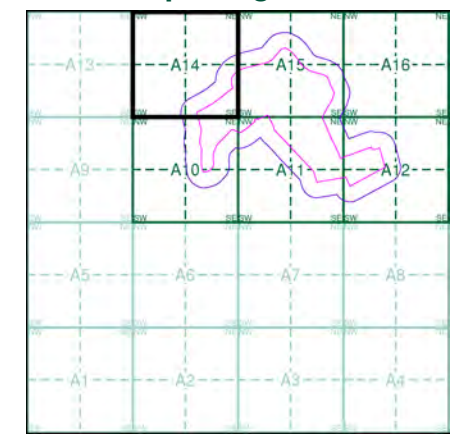
Source map scale - 1:2,500

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)

056_07
1879
1:2,500
056_11
1878
1:2,500

Historical Map - Segment A14



Order Details

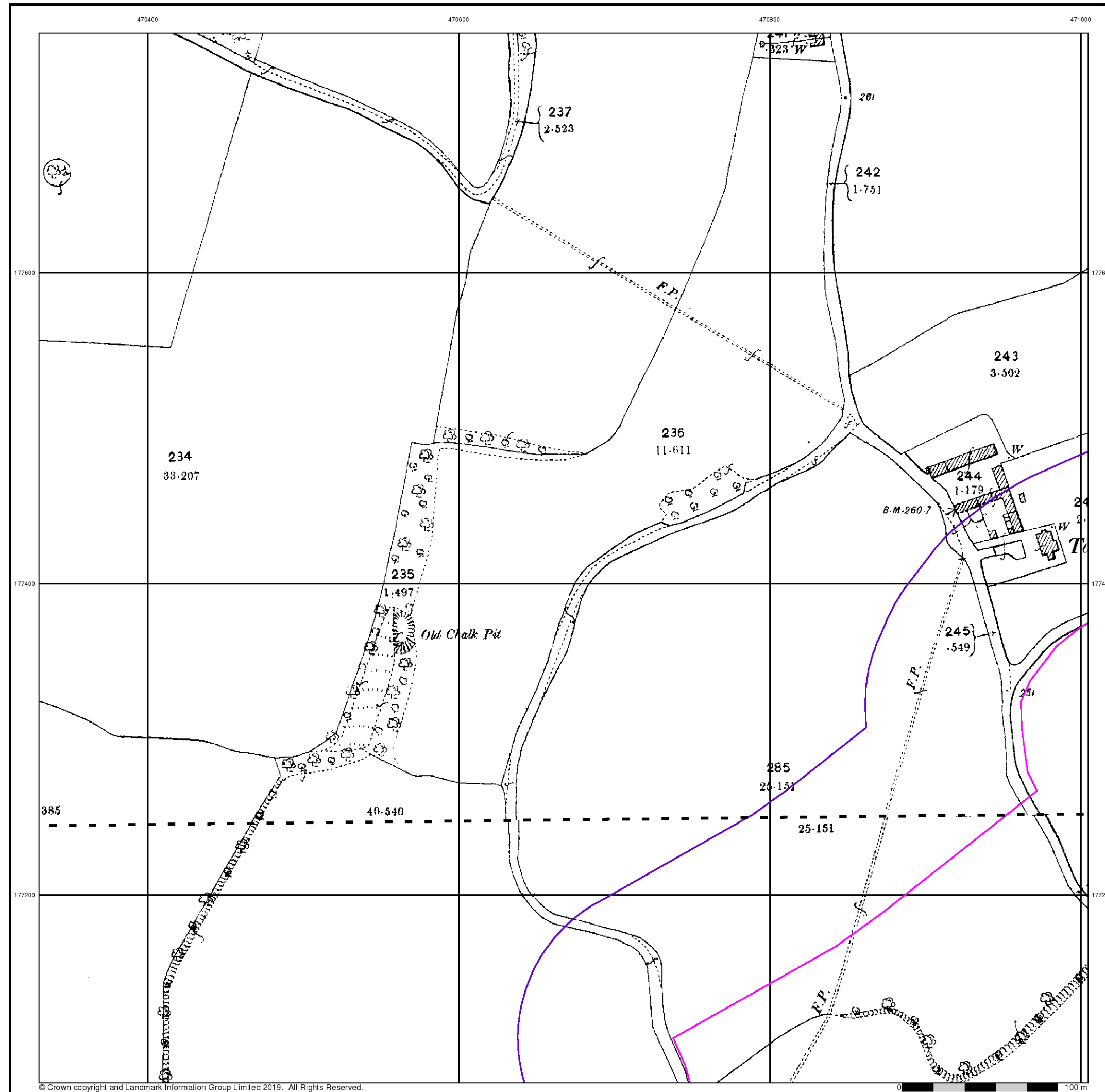
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Oxfordshire

Published 1898

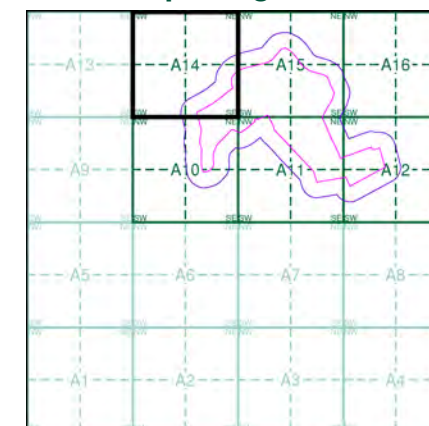
Source map scale - 1:2,500

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)

056_07
1898
1:2,500
056_11
1898
1:2,500

Historical Map - Segment A14



Order Details

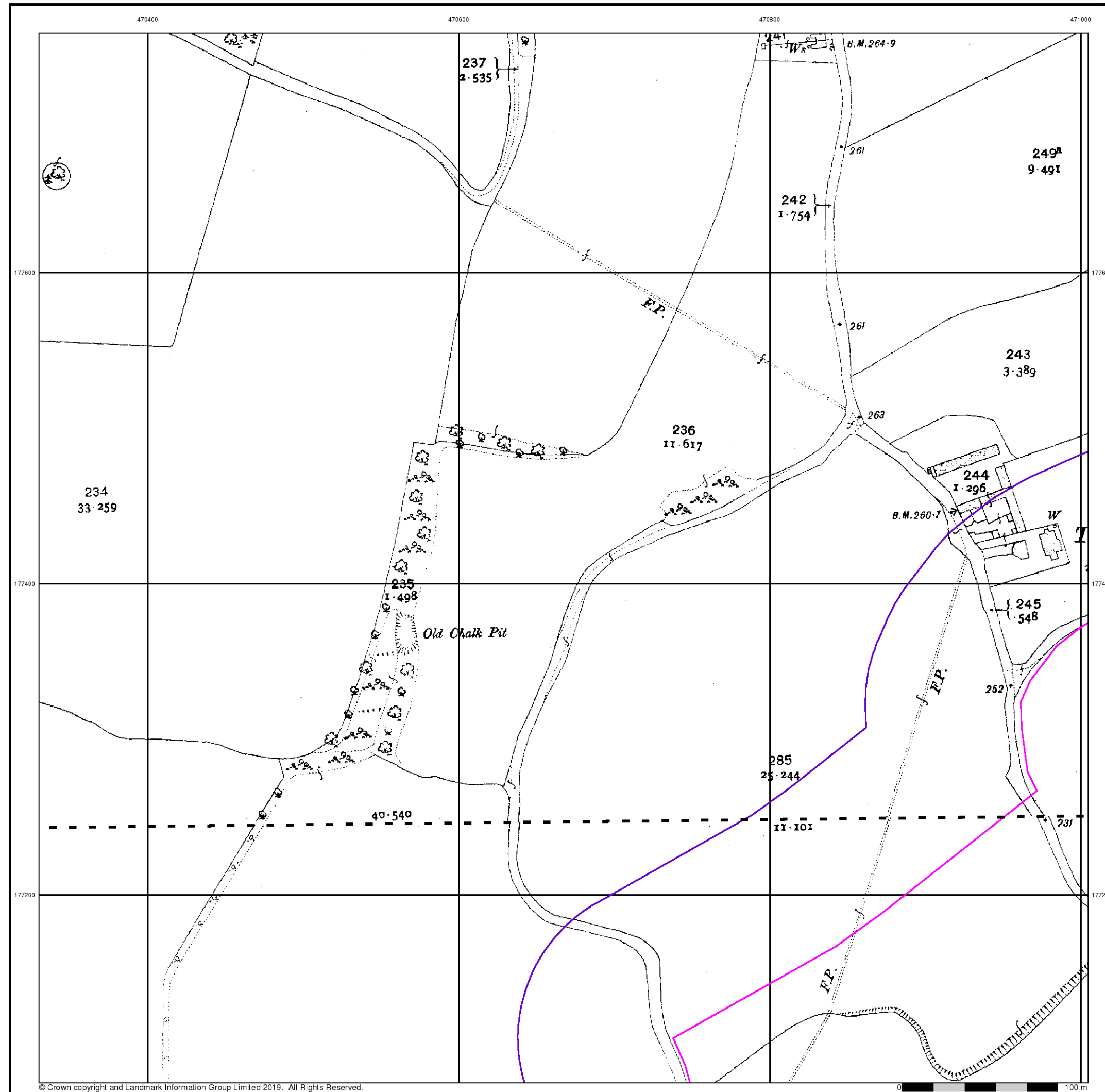
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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Berkshire

Published 1913

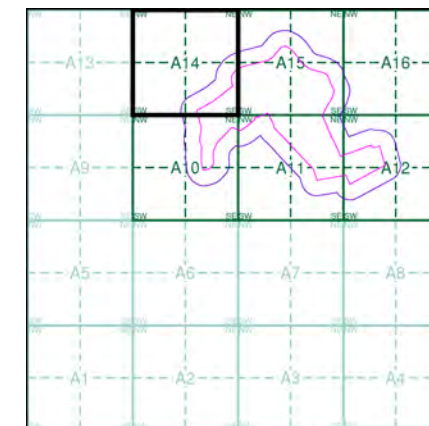
Source map scale - 1:2,500

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)

029_07
1913
1:2,500
029_11
1913
1:2,500

Historical Map - Segment A14



Order Details

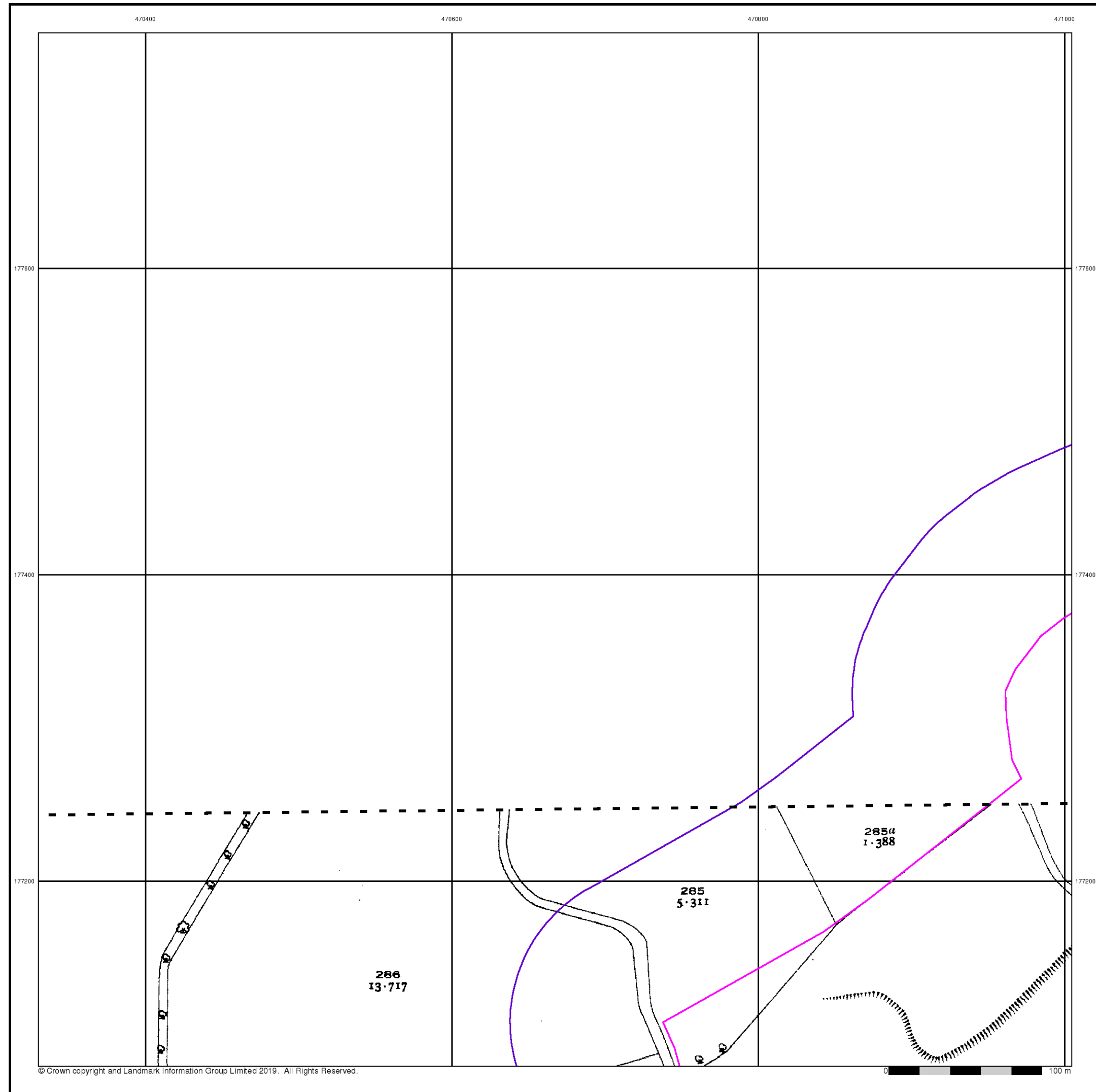
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ



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



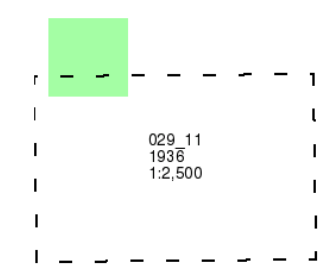
Berkshire

Published 1936

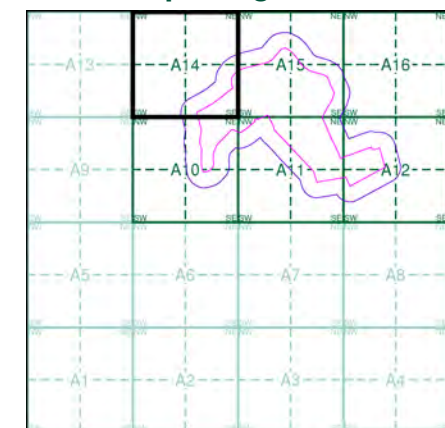
Source map scale - 1:2,500

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: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ

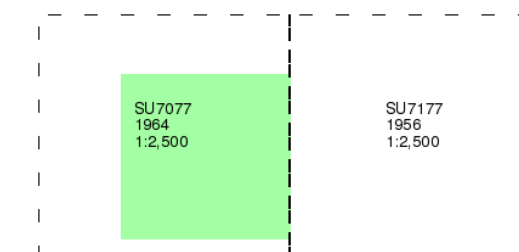


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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

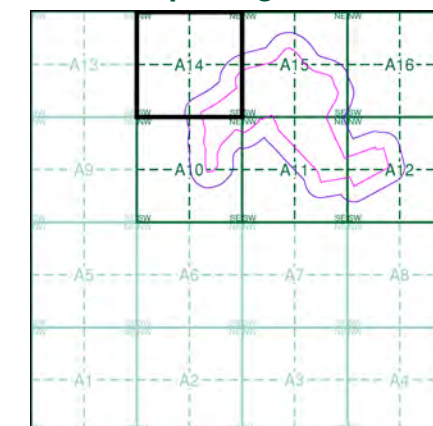


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A14



Order Details

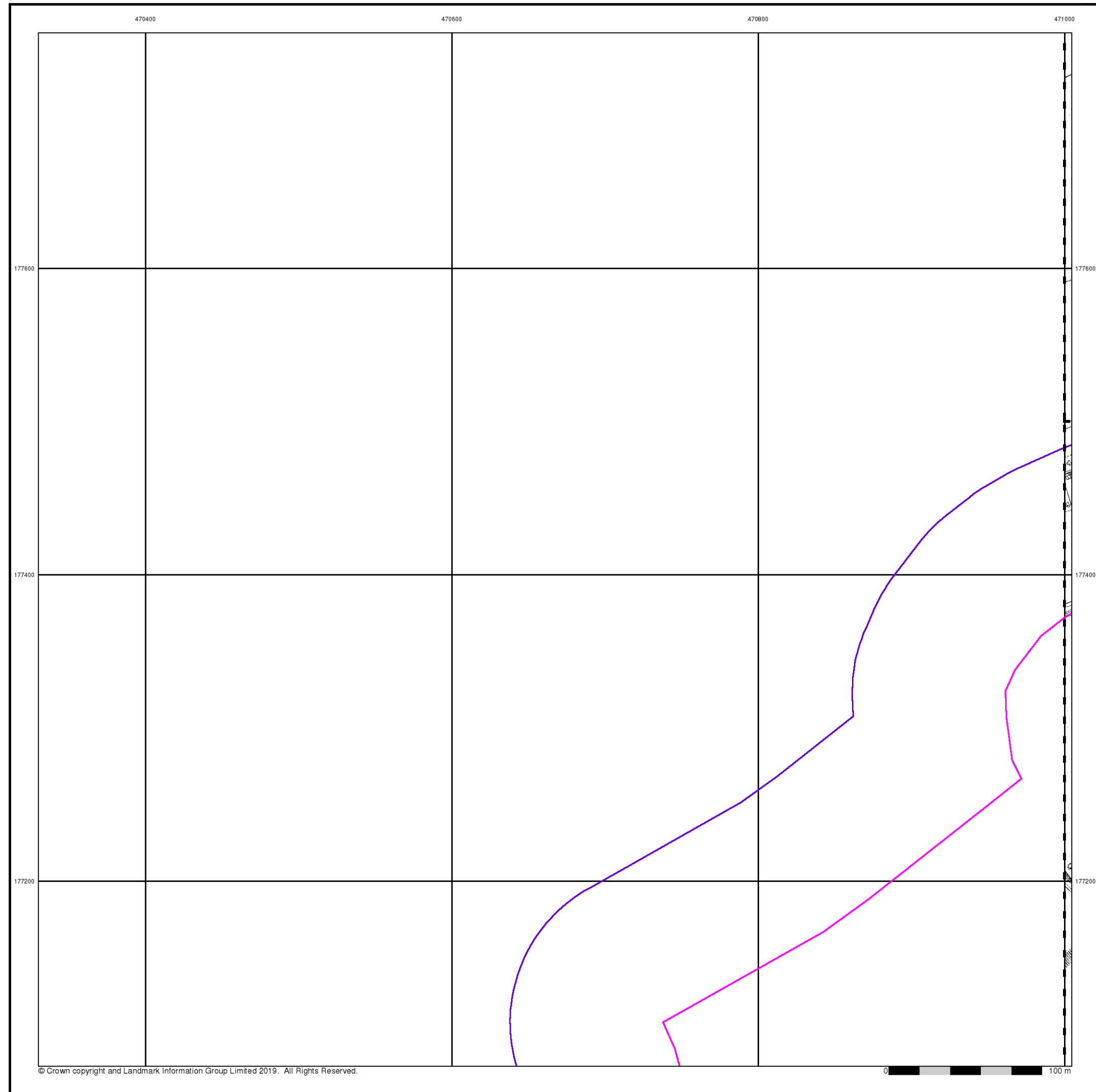
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Customer Ref:	12112
National Grid Reference:	471120, 176760
Slice:	A
Site Area (Ha):	44.51
Search Buffer (m):	100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green,
READING, RG4 8SQ

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk





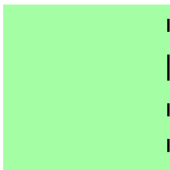
Ordnance Survey Plan

Published 1956

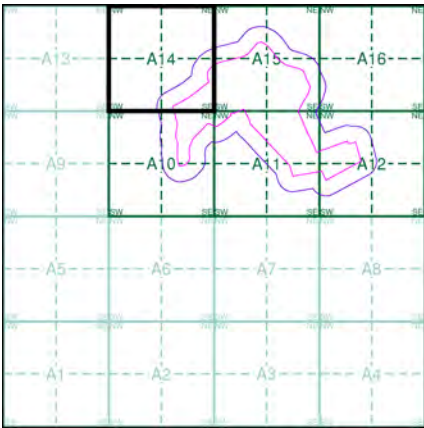
Source map scale - 1:1,250

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)

	SU7177NW 1956 1:1,250
	SU7177SW 1956 1:1,250

Historical Map - Segment A14



Order Details

Order Number:	191585181_1_1
Customer Ref:	12112
National Grid Reference:	471120, 176760
Slice:	A
Site Area (Ha):	44.51
Search Buffer (m):	100

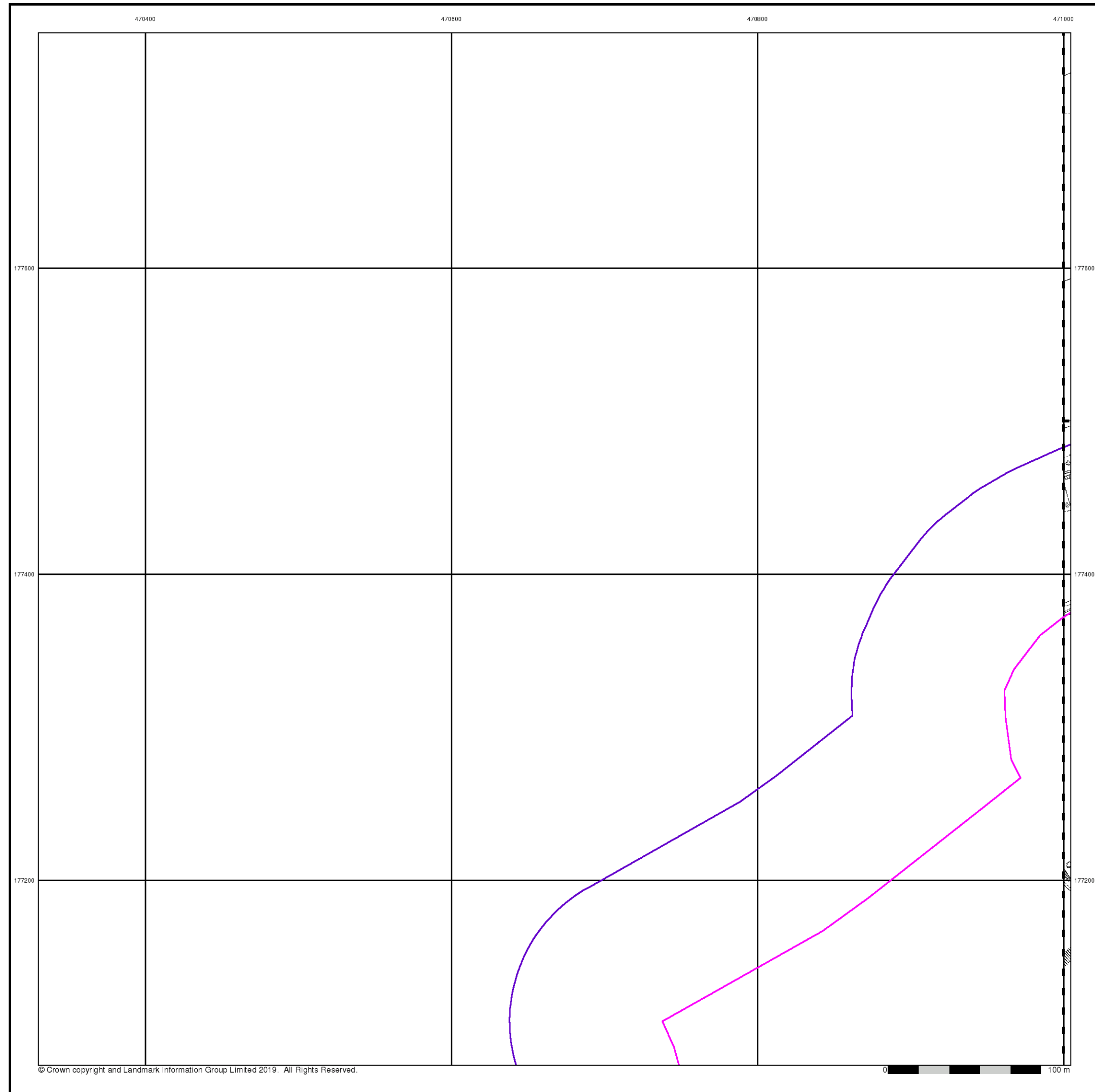
Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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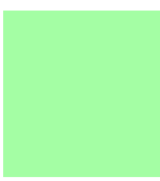
A Landmark Information Group Service v50.0 21-Jan-2019 Page 7 of 12



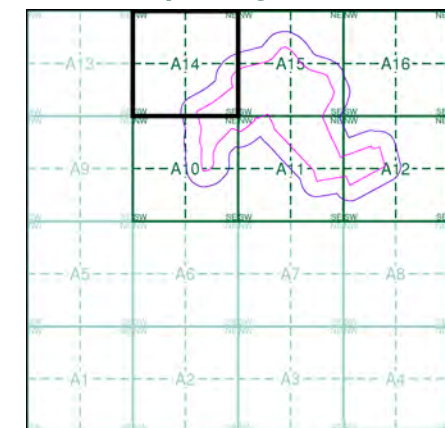
Additional SIMs
Published 1956 - 1986
Source map scale - 1:1,250

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)

	SU7177NW 1956 1:1,250
	SU7177SW 1986 1:1,250

Historical Map - Segment A14



Order Details

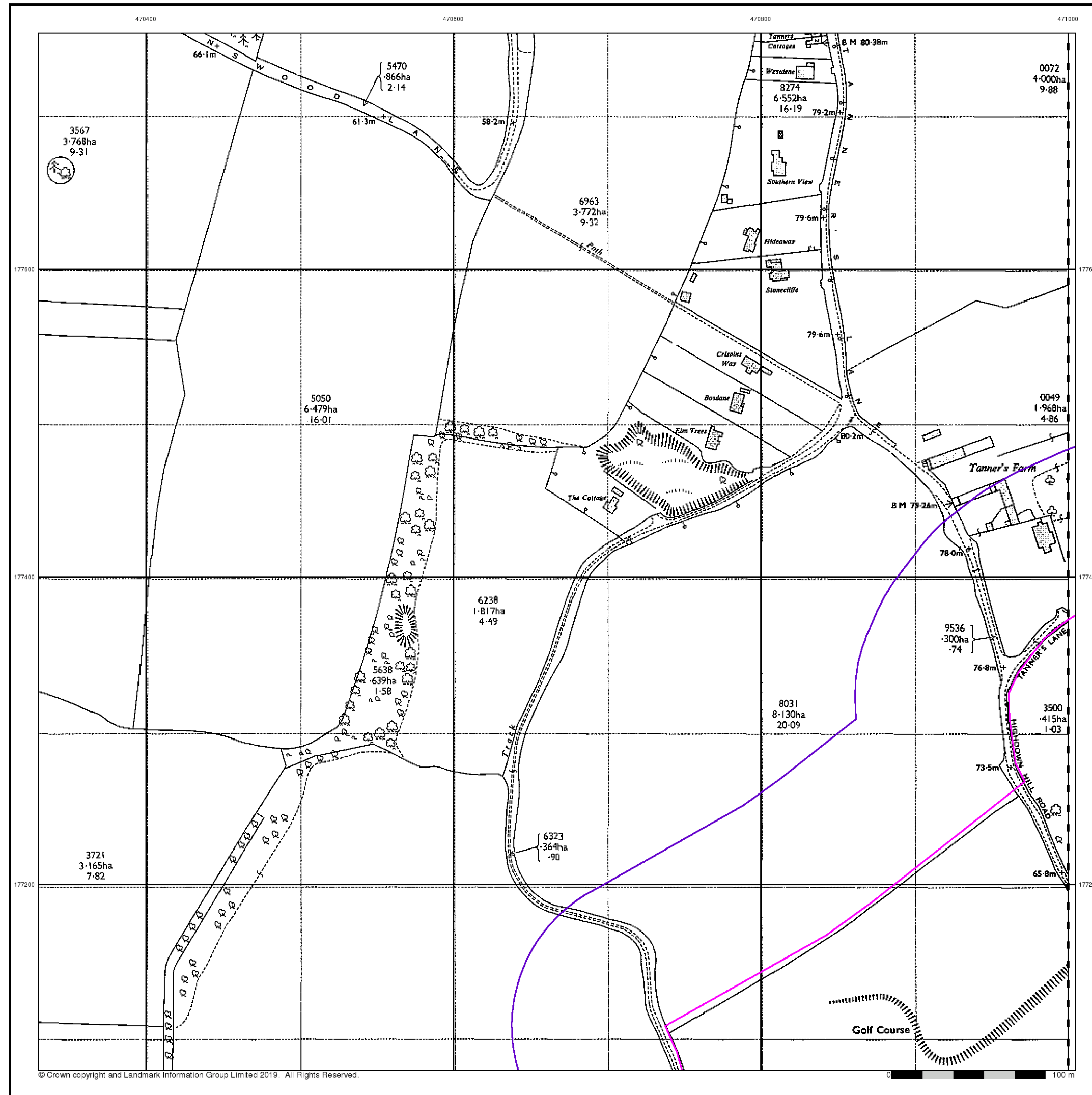
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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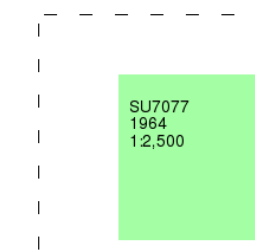
Additional SIMs

Published 1964

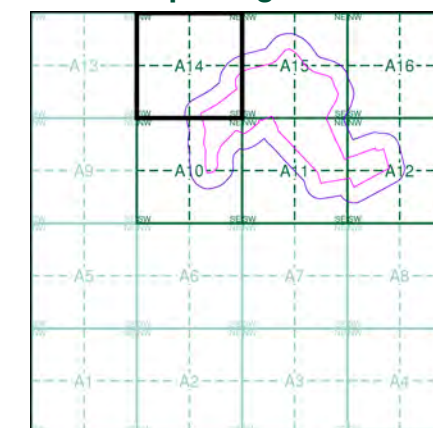
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

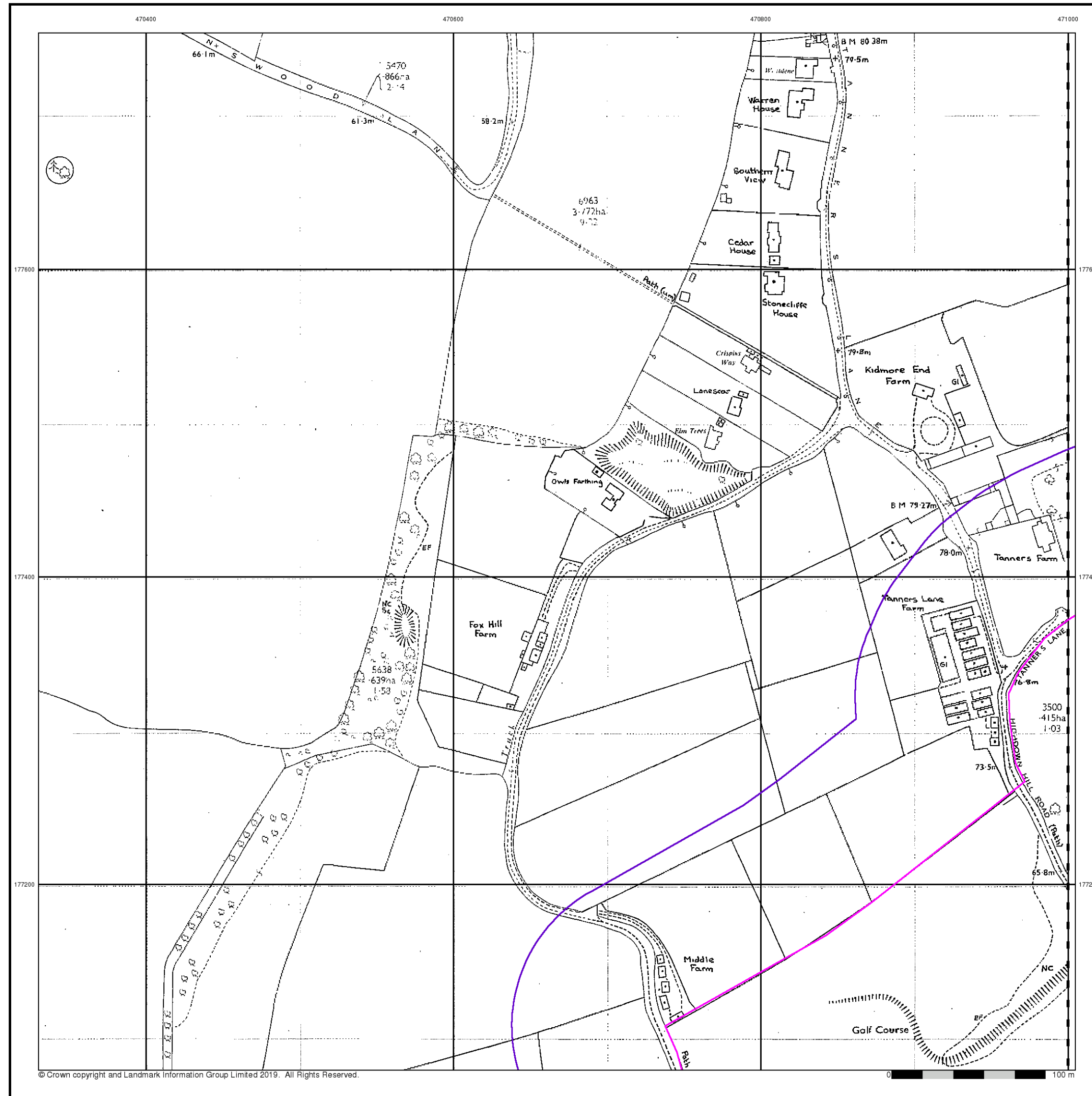
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Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
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Site Details

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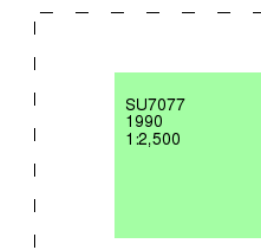
Additional SIMs

Published 1990

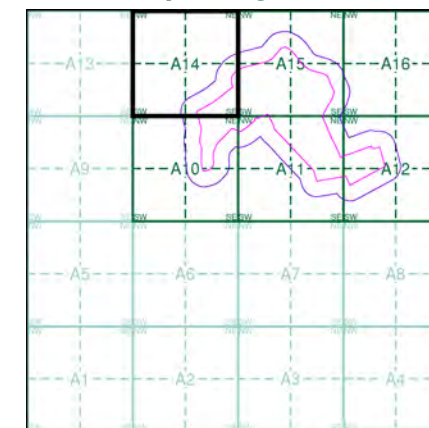
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

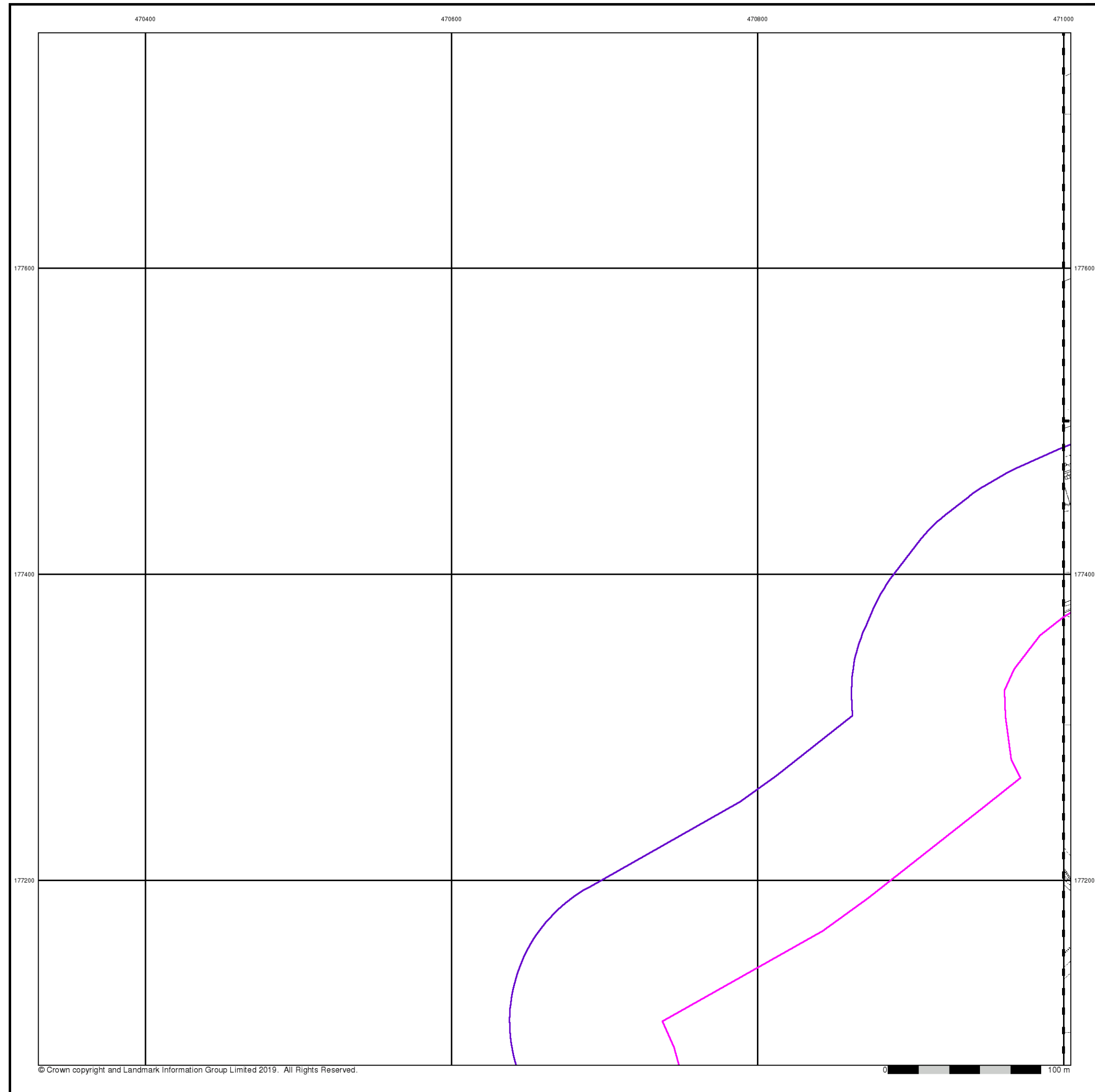
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ



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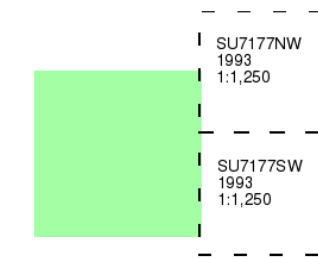
Large-Scale National Grid Data

Published 1993

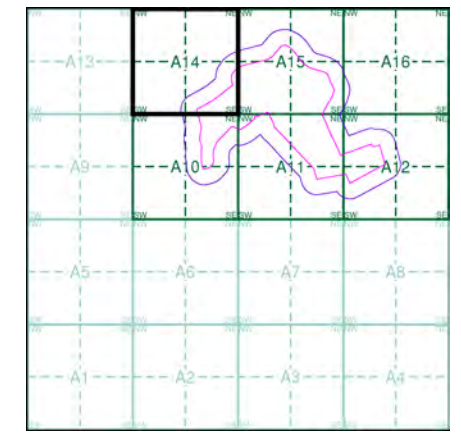
Source map scale - 1:1,250

'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)



Historical Map - Segment A14



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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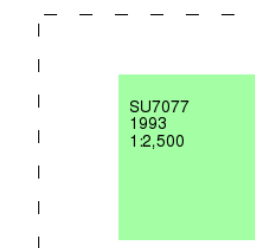
Large-Scale National Grid Data

Published 1993

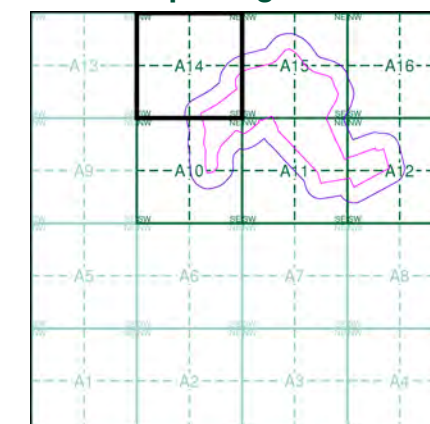
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14



Order Details

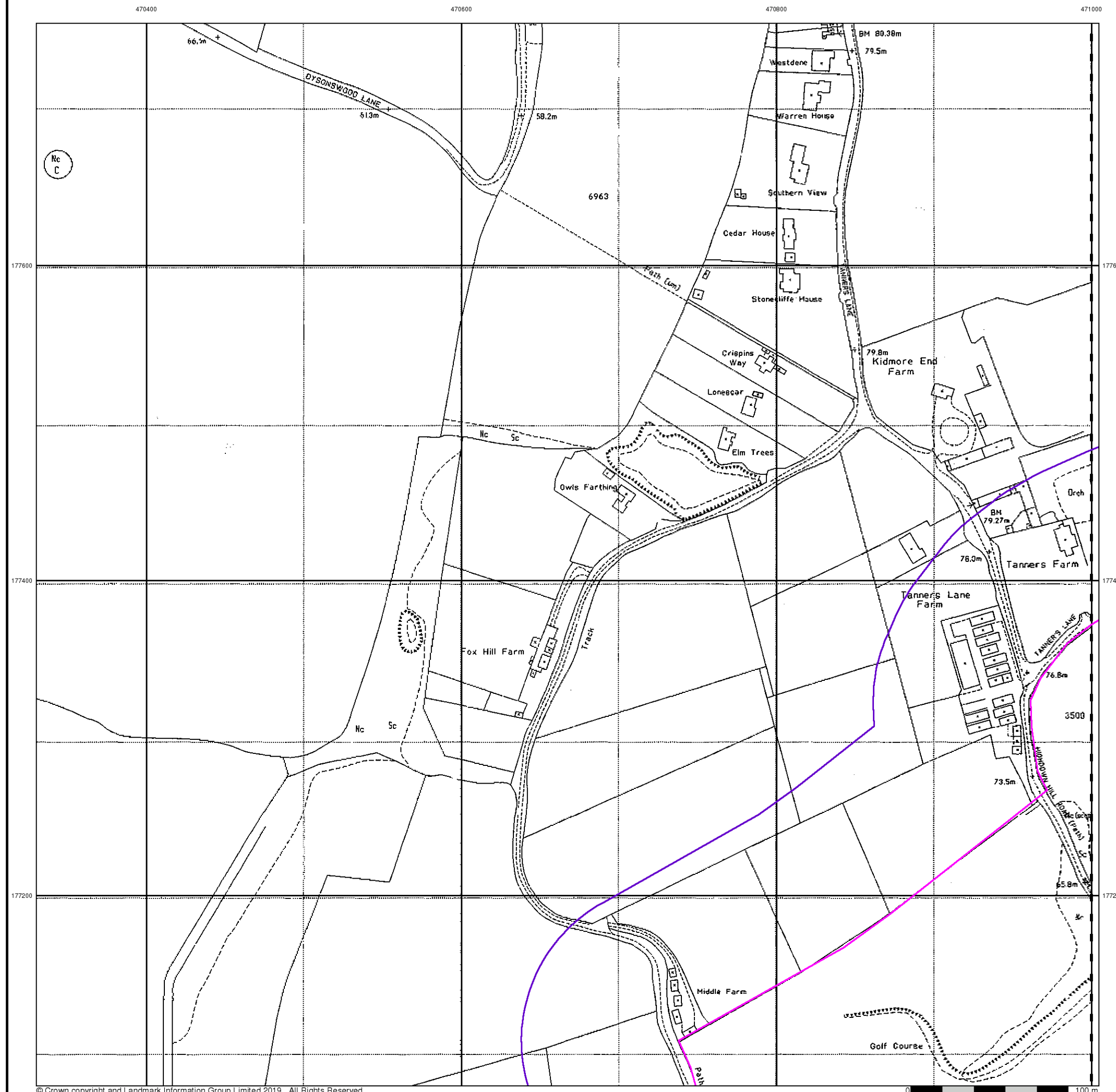
Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

Reading Golf Club, 17, Kidmore End Road, Emmer Green, READING, RG4 8SQ

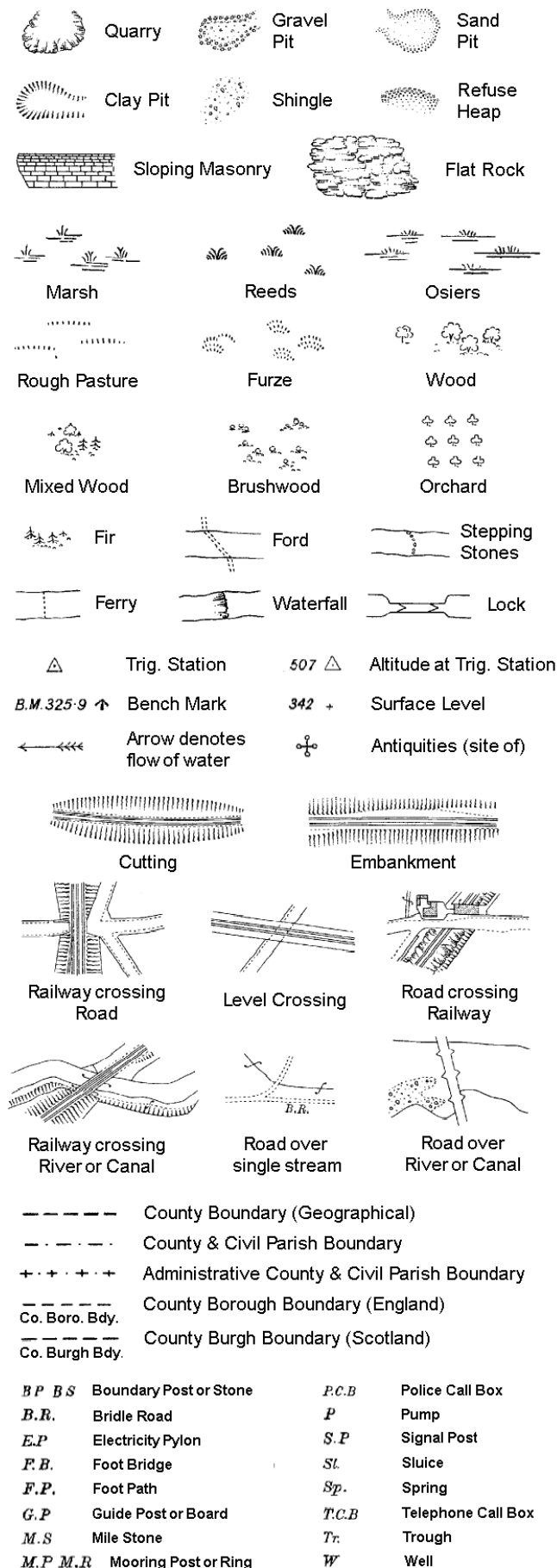


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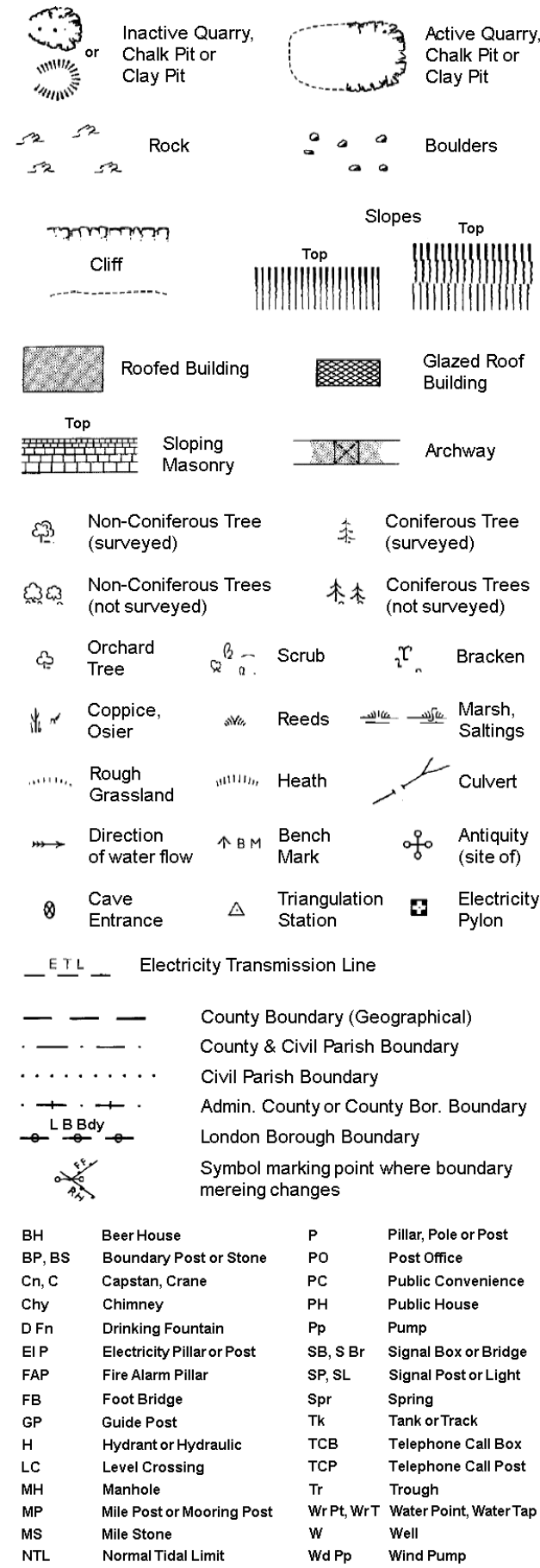


Historical Mapping Legends

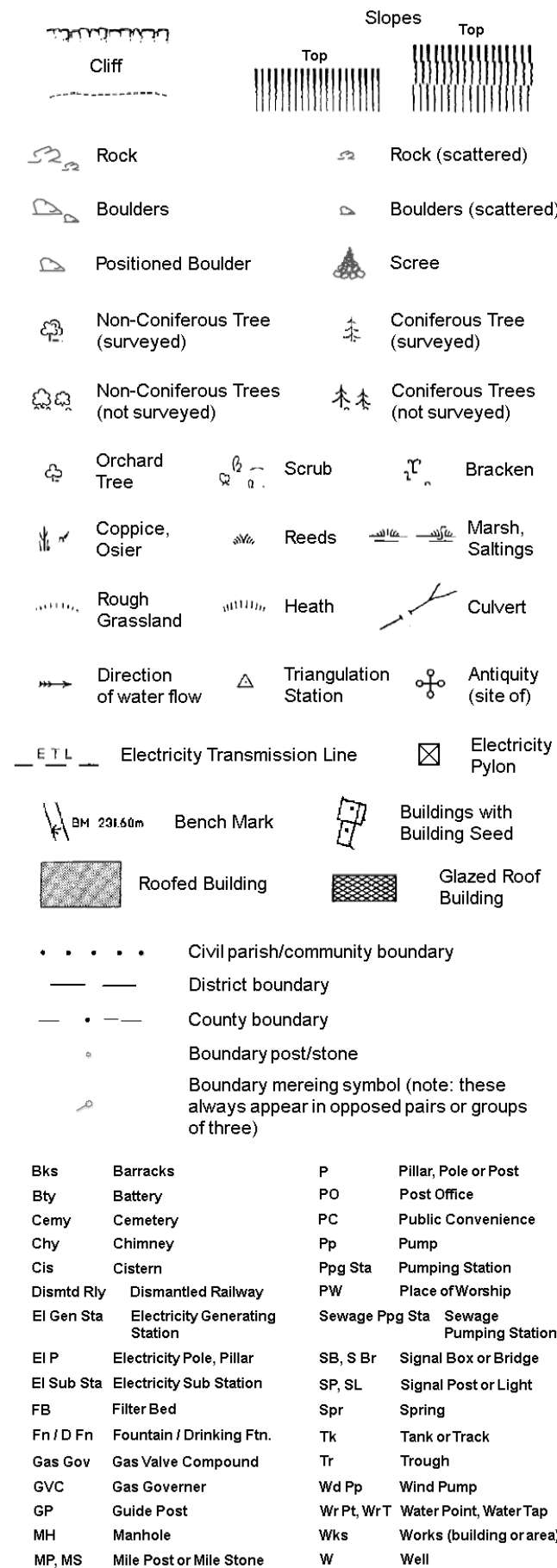
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



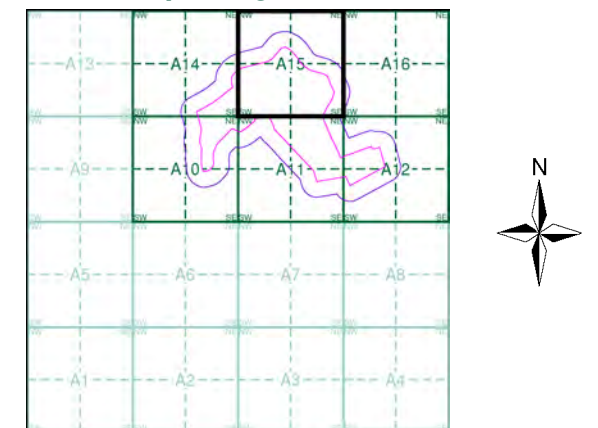
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1878 - 1879	2
Oxfordshire	1:2,500	1898	3
Berkshire	1:2,500	1913	4
Berkshire	1:2,500	1936	5
Ordnance Survey Plan	1:1,250	1956	6
Ordnance Survey Plan	1:2,500	1956	7
Additional SIMs	1:1,250	1956 - 1986	8
Ordnance Survey Plan	1:1,250	1972	9
Large-Scale National Grid Data	1:1,250	1993	10

Historical Map - Segment A15



Order Details

Order Number: 191585181_1_1
Customer Ref: 12112
National Grid Reference: 471120, 176760
Slice: A
Site Area (Ha): 44.51
Search Buffer (m): 100

Site Details

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