



Wain Estates (Land) Ltd

Wilderness Park, Land North of
Wilderness Lane, Great Barr

Phase 1 Geo-Environmental Report.

Rev1




September, 2023



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Reference	CGM/00191	Revision	1	Issue Date	September 2023

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FPCR 09364-FPCR_XX_ZZ_DR_L-0012-P07 – Proposed Illustrative Masterplan

EXECUTIVE SUMMARY

Card Geotechnics Limited (CGL) was commissioned by Turley (“Planning Consultants”) on behalf of Wain Estates (Land) Limited (“the client”) to complete a Phase 1 Geo-environmental Desk Study to support a proposed outline planning application to Sandwell Metropolitan Borough Council. The proposed scheme comprises a major residential development (‘Wilderness Park’ to include up to 150 new dwellings) and adjoining Countryside Park to be constructed on land to the south-west of the A34 Birmingham Road, Great Barr, West Midlands.

The site is located within an area of low-grade agricultural land within the Greater Birmingham Green Belt. It comprises several irregular shaped adjoining fields whose perimeters are lined with a mixture of hedgerows and trees. The Aston University Recreational Centre, including a series of sports facilities, pitches and buildings, occupies land immediately to the west of the site, the peripheral western edge of the campus includes areas of scrub and woodland. The eastern site boundary is formed by the rear gardens to housing off Peak House Road, the south-eastern site boundary is formed by Wilderness Lane beyond which the land is occupied by housing comprising mainly semi-detached and terraced properties. The land immediately to the south of the site is occupied by the Great Barr Q3 Academy and the campus includes a series of buildings for academic use and a range of sports facilities. The northern site boundary is formed by the A34 Birmingham Road.

Apart from the presence of several buildings or structures likely to be used for stabling or materials storage the site is undeveloped, so the presence of any significant depth of Made Ground is not anticipated beneath the site. Superficial deposits are not recorded to underlie the site. The bedrock strata anticipated to underlie the site are recorded as the Rubery Sandstone Member (Sandstone) within the north-western corner, the Coalbrookdale Formation (Mudstone) within the central western to south-western sector and the Enville Member (Sandstone and Conglomerate) across the remainder of the site. Geological faults are indicated to border the Rubery Sandstone Member and also to run along the eastern edge of the Coalbrookdale Formation. The site lies in a Low to Intermediate Probability Radon Area.

A copy of an Arboricultural Assessment report¹ prepared by FPCR Environment and Design Limited dated August 2023 has been provided for information. The trees and shrubs identified being present along both the perimeter of the proposed ‘Wilderness Park’ residential development site area and the internal existing field boundaries include species such as Oak and Hawthorne which are identified as being of high-water demand in accordance with NHBC Standards². In the event that

¹ FPCR Land West of Birmingham Road, Great Barr – Arboricultural Assessment Report no. k:9300/9364/ARB/AA/9364AA.doc

² NHBC Standards 2023 section 4.2.4 Table 3.

cohesive soils are encountered underlying the site at founding depth it appears that some of the proposed housing may lie within the zone of influence of trees or hedgerows.

The preliminary qualitative risk assessment has concluded that receptors are at a very low to moderate risk of potential exposure to contamination associated with the site's previous use. The on-site sources of potential contamination are considered to be the presence of buildings or structures likely to have been used for animal stabling and materials storage and the agricultural land use, whereby pesticides or fertilizers may have been used. A phase 2 intrusive ground investigation is recommended to confirm the ground conditions and to investigate concentrations of potential soil contaminants.

The conclusions to this phase 1 desk study report are subject to the approvals of the regulatory bodies.

1. INTRODUCTION

1.1 General Introduction

Card Geotechnics Limited (CGL) was commissioned by Turley Planning Consultants on behalf of Wain Estates (Land) Limited to complete a Phase 1 Geo-Environmental Desk Study for a proposed scheme comprising a major residential development ('Wilderness Park' to include up to 150 new dwellings) and adjoining Countryside Park to be built/constructed on land to the north of Wilderness Lane and south-west of the A34 Birmingham Road, Great Barr, West Midlands.

Currently, the site comprises approximately 27 hectares of low-grade agricultural land the approximate National Grid Reference for the centroid of the site is 403860, 295250. The location of the site is shown on the appended site location plan (CGL drawing no. CGM/00191-DR/01).

It is understood that this Phase I Desk Study report is required to support an outline planning application to Sandwell Metropolitan Borough Council and that it should include a review of the geo-environmental and geological setting of the site in the context of its historical land uses and for the proposed development. Potential environmental risks, liabilities and development constraints are outlined along with requirements for further investigation and assessment, where applicable.

This report assesses the history of the site, potential sources of ground contamination and the underlying ground conditions. It presents a preliminary conceptual site model (PCSM) to assist in meeting the requirements of the Environmental Health Officer for planning purposes. It is assumed in this appraisal that site levels will remain close to existing following redevelopment.

1.2 Current Site Layout

The site is currently an area of low-grade agricultural land within the Greater Birmingham Green Belt. It comprises many (circa 13) irregular shaped adjoining fields whose perimeters are lined with a mixture of hedgerows and trees. There is a gentle rise in ground level from 137OD within the westernmost section of the site in an easterly direction with an increase in level of approximately 30m over a distance of approximately 600m to an elevation of approximately 157mOD. A stream or drainage ditch flows in a westerly direction from the central area of the site to the western boundary. There are two large ponds located within the site boundary; one in the north-eastern and one in the south-eastern corner of the site. Several small buildings of wood and metal construction, possibly for use as stables or storage of materials are present within the north-eastern section of the site. An earth mound of approximately 2m height, was noted bounding the north-western section of the site during a walkover for a desk study of the site undertaken in 2014.

The Aston University Recreational Centre including a series of sports facilities, pitches and buildings occupies land immediately to the west of the site, the peripheral western edge of the campus includes areas of scrub and woodland.

Land adjoining the eastern edge of the site is developed with residential housing located off Peak House Road and Wilderness Lane.

The southern site boundary is formed by the Great Barr Q3 Academy campus, which includes a series of buildings for academic use and a range of sports facilities and pitches.

1.3 Proposed Development

The proposed development plans indicate up to 150 new dwellings, covering a plan area of approximately 3.91 hectares, within the northern and north-eastern part of the site. The proposed residential development ('Wilderness Park') will provide an extension of the existing residential developments off Birmingham Road directly to the north and Peak House Road to the east of the site respectively. The remaining 'Countryside Park' section of the site under review (23.09 hectares) is demarked as 'Green Infrastructure'. Copies of the proposed Development Framework Plan (FPCR drawing no. 09364-FPCR-XX-ZZ-DR-L-0010-P11) and Illustrative Masterplan (FPCR drawing no. 09364-FPCR-XX-ZZ-DR-L-0010-P07) are included within the drawings Appendix.

2. SITE LOCATION AND DESCRIPTION

A summary of the site location and description has been assembled from numerous sources, including Ordnance Survey (OS) mapping and is provided below in Table 1.

Table 1. Site Location and Description

Site Location	The site is located immediately to the north-east of Great Barr (a northern Birmingham suburb) lying approximately 5km to the south-east of Walsall town centre. The nearest postcode to the eastern edge of the site is on Peak House Road LE15 9EU. A site location plan CGM/00191-DR/01 is provided within the drawings Appendix.
National Grid Reference (approximate centre of site)	The NGR is: 403860, 285250.
Topography	The topography of the site is generally of a gentle rise in ground level from the westernmost section of the site in an easterly direction. The increase in ground level across the site is approximately 30m over a distance of approximately 600m. The centroid of the site is at approximately 144m Above Ordnance Level (AOD).
Site Area	The plan area of the site is approximately 27Ha.
Site Description	<p>The site is currently an area of low-grade agricultural land within the Greater Birmingham Green Belt. It comprises many irregular shaped adjoining fields whose perimeters are lined with a mixture of hedgerows and trees.</p> <p>A stream or drainage ditch flowing in a westerly direction extends horizontally from the central area of the site to the western boundary. There are two large ponds located within the site boundary one in the north-eastern and one in the south-eastern corners of the site.</p> <p>Several small buildings of wood and metal construction, possibly for use as stables or storage of materials are present within the north-eastern section of the site.</p> <p>An earth mound of approximately 2m in height bounds the north-western section of the site.</p> <p>There are two ponds recorded within the north-eastern and south-eastern areas of the site.</p>
Site Access	The existing tenants of the site have informed CGL that access to the site can be made from Wilderness Lane via a locked gate. Details of the key code are on file if required.
Surrounding Land Uses	<p>The Aston University Sports Campus bounds the north-western section of the site. Further agricultural fields border the south-western section of the site. The Q3 Academy including a mixture of buildings for Academic use and sports facilities border the south-eastern section of the site. The remaining western and northern site boundaries are bounded by residential housing located off Wilderness Lane, Peak House Road and Birmingham Road.</p> <p>Residential housing estates lie to the north of the site off Birmingham Road and to the east off Peak House Road and Wilderness Lane. The rear gardens of the properties located off Peak House Road bound the north-eastern site boundary.</p>

3. SITE HISTORY

3.1 Sources of Information

The historical development of the site and surrounding area has been reviewed from OS maps, at scales of between 1:2,500 and 1:10,560, dating between 1885-1886 and 2023. Copies of the historical maps are presented in Appendix CA.

3.2 Site History

Details of the site history and surrounding area are summarised below in Table 2 and 3 below, with approximate distances taken from the boundary of the site.

Table 2. Summary of on-site development

Historical Feature	Area of Site	First Date Mapped	Last Date Mapped	Comments
Two groups of rectangular or square shaped structures or buildings are recorded on the site.	North-eastern section of the site.	Late 1960s the northernmost group, the early 1990s the southern cluster.	2023	The site walkover undertaken during a previous desk study of the site undertaken in 2014 suggests that the buildings or structures are used for stabling of animals or materials storage.

Table 3. Summary of pertinent off-site development

Historical Feature	Distance from Site	First Date Mapped	Last Date Mapped	Comments
Pig Lane Farm	Adjacent to the north-eastern corner of the site.	Pre-1886	Circa 1970	Pig Lane Farm is recorded as Peak House Farm circa 1930s.
Housing off Birmingham Road/Merrions Close	Immediately to the north.	Pre-1886	Present	Housing recorded between 1886 and 1930s demolished and replaced by a housing estate off Birmingham Road/Merrions Close circa 1930s.
Gravel Pits	450m south-east	Pre-1886	1955	The footprints of the gravel pits are incorporated into a large residential development circa 1950s.
The village of Great Barr	400m south-east	Pre-1886	present	A relatively small no. of residential properties is supplemented by major residential development taking place during the late 1930s to 1960s both to the east and south of the site.
Birmingham Canal Navigations – Rushall Canal.	215m west	Pre-1886	Present	At a distance of 215m at its closest point unlikely to affect or be affected by site activities.
Sewage Works	160m south-east	1955	1955	The sewage works appear to have been decommissioned relatively quickly as it only appears on this one map and the plan area latterly incorporated within a residential housing development.
St Margaret’s C of E Primary school	250m east	Pre 1985-1986	Present	
The Q3 Academy	Immediately to the south	Early 1970’s	Present	The first record of the Q3 Academy is recorded on the 1971-1972 1:10,000 historic OS plan.
Aston University Sports Campus	Immediately to the north-west	1980	Present	The campus includes several buildings, sports facilities, and pitches.
M6 Motorway	260m south	1980	Present	The first recording of the M6 Motorway is on the 1980-1982 1:10,000 OS Map

4. ENVIRONMENTAL SETTING

4.1 Geology

A review of the geology at the site was undertaken by consultation of the Envirocheck Land Information Group report³ Geology section obtained as part of this desk study. A copy of the Geology report is included within Appendix B.

4.1.1 Made Ground

Significant thicknesses of Made Ground are not anticipated beneath the site.

There is a possibility that some made or infilled ground may be present at the localities of the two ponds located within the north-eastern and south-eastern areas of the site.

4.1.2 Superficial Deposits

Superficial deposits are not anticipated to underlie the site. However, there may be localised deposits of Alluvium associated with the ponds and streams present on site and along the site boundaries. Bedrock

A summary of the bedrock stratum shown to underlie the site is presented in Table 4 below.

Table 4. Summary of Bedrock

<i>Formation</i>	<i>Description</i>	<i>Area of Site</i>	<i>Anticipated Thickness</i>	<i>Comments</i>
Rubery Sandstone Member (Sandstone)	Sandstone with sporadic limestone beds overlying the Basal sandstone bed locally with quartzite clasts. Grading to Sandstone with shale bands with depth.	North-western corner.	32m to 43m	The stratum is contained within geological fault lines.
Coalbrookdale Formation (Mudstone)	Silty mudstone with some calcareous mudstones some with calcareous siltstones, nodular calcareous beds and bentonites.	South-western corner.	192-265m	A geological fault line extends along the eastern extent of the stratum.
Enville Member (Sandstone)	Conglomerates and pebbly sandstones with extra-basinal clasts, commonly of limestone and chert.	Central to western section.	100-275m	A geological fault line extends along the western edge of the stratum.

³ Envirocheck Report: Order Number: 314750106_1_1 Date: 28/07/2023

4.1.3 Geological Faults

A Geological fault is recorded aligned in a north to south-west orientation traversing the western section of the site. A second fault line also aligned in a north to south-west orientation initially extends along the north-western boundary of the site prior to extending south-east to intersect with the fault line recorded above.

4.1.4 Unpublished Geology

A review of online BGS borehole records indicates that the closest borehole record with published data lies approximately 300m to the east. The record indicates it was drilled to a depth of 9m and intersected approximately a 0.45m thick layer of topsoil overlying sandy gravel to around 2.6m, fissured silty clay to approximately 4.2m which in turn overlies shales to the base of the borehole. This data should not be relied upon in relation to the site under consideration.

4.2 Environmental Data

A copy of the Landmark Information Group Environmental Site Sensitivity report is included within Appendix C. The report provides information regarding the risk posed to the site by a range of ground hazards. A summary of these points is detailed below in Table 5.

Table 5. Summary of Ground Hazards

Ground Hazard	Potential
Collapsible Ground Stability Hazards	Very Low
Compressible Ground Stability Hazards	No hazard
Ground Dissolution Stability Hazards	No hazard
Landslide Ground Stability Hazards	Very low
Running Sand Ground Stability Hazards	No hazard
Shrinking or Swelling Clay Ground Stability Hazards	No hazard to very low

4.3 Hydrogeology

The Environment Agency (EA) has produced an aquifer designation system consistent with the requirements of the Water Framework Directive. The designations have been set for superficial and bedrock geology and are based on the importance of aquifers for potable water supply, and their role in supporting surface water bodies and wetland ecosystems. It should be noted that the presence of superficial deposits is not anticipated below the site area. Localised alluvium could potentially be present within the locality of the stream within the central western site area and the ponds recorded within the north-eastern and south-eastern sites areas.

A summary of the aquifer classifications, as categorised by the EA, underlying the site are presented in Table 6 below.

Table 6. Summary of Aquifer Classifications

<i>Formation</i>	<i>EA Aquifer Classification</i>
Rubery Sandstone	Secondary Aquifer - B
Coalbrookdale Formation	Secondary Aquifer - B
Enville Member	Secondary Aquifer - A

The Secondary bedrock aquifer status records the groundwater vulnerability as medium.

The site is not located in a groundwater Source Protection Zone (SPZ). There are no recorded groundwater abstractions within 730m of the site.

4.4 Hydrology

A summary of the hydrological setting is provided in Table 7 below.

Table 7. Summary of Hydrological Setting

<i>Surface water body/course</i>	<i>Approximate closest distance/Direction</i>	<i>Comments</i>
Stream	On site. Recorded rising in the central area of the site extending horizontally to the western boundary.	Recorded flowing in a westerly direction from the central area of the site crossing the midpoint of the western site boundary.
Two Ponds	On-site. Located within the north-eastern and south-eastern site areas.	Localised infilled ground or alluvial deposits associated with the ponds could be present.
Rushall Canal	215m to the west.	

No discharge consents are recorded at the site, or within 250m of the site.

The site is located within Flood Zone 1 whereby there is a less than 0.1 per cent (1 in 1000) chance of flooding occurring each year. The Landmark Information Group Envirocheck report records no risk to the site from either extreme flooding (Flood Zone 2) or flooding (Flood Zone 3) from Rivers or seas without defences.

The Landmark Information Group Envirocheck report records the site as being at low risk of flooding from surface waters within a 1000 year flood return period.

5. REGULATORY DATABASE REVIEW

5.1 Sources of Information

The Landmark Information Group Envirocheck report was used to provide information on the environmental setting of the site and possible sources of ground contamination. The full report is included in Appendix DC.

5.2 Radon

The Landmark Information Group Envirocheck report indicates that areas of the site lie either within a non-affected radon zone, or a lower probability or intermediate Probability Radon Area where less than 1% or 1-3% of homes are estimated to be at or above the Action Level. A more detailed site-specific radon report will be required for site zone clarification and to ensure the correct radon protection measures are designed for within the proposed properties.

5.3 Mining & Quarrying Activities

The Landmark Information Group Envirocheck Mining & Ground stability report (a copy is included within Appendix D) indicates that the site is not within an area likely to be affected by coal mining activity.

The Envirocheck report records no areas of Potentially Infilled Land (Unknown Filled Ground – Pit, quarry etc.) within 250m of the site. It should be noted that historic plans record the footprint of the pond within the south-eastern section of the site has changed over time.

5.4 Landfill and Waste

No landfill or waste management sites are recorded within 500m of the site.

5.5 Pollution Incidents & Discharge Consents

Details relating to contaminated land, substantiated pollution incidents, pollution incidents to controlled waters and discharge consents, within 500m of the site, are recorded below in Table 8.

Table 8. Summary of contaminated land entries, pollution incidents and discharge consents

Type of Record	Location and Distance from Site	Comments
Contaminated Land Register Entries	None Present	No contaminated land register entries within 1km of the site.
Substantiated Pollution Incidents	None Present	No registered entries within 1km of the site.

Pollution Incidents to Controlled Waters	384m North-east	Recorded in November 1996 and pertains to an oils/petrol fuel spillage due to overfilling during delivery at the Elf Service Station on Birmingham Road, Great Barr. The receiving water was not identified but recorded as being within the Upper Tame to Confluence with Rea, Trent catchment area.
Discharge Consents	255m North	Issued in October 1968 and pertains to a proposed Riding school & stables at the junction of Chapel Lane Birmingham Road, Great Barr. There are no other records within 400m of the site.

5.6 Industrial Processes & Enforcements

Details relating to pertinent local industrial processes and enforcement notices within 250m of the site, are recorded below in Table 9.

Table 9. Summary of pertinent local industrial processes and enforcement notices

Type of Record	Location and Distance from Site	Comments
Contemporary Trade Directory Entries	36m east	Great Barr Ironing, Ironing & home laundry services, 36 Wilderness Lane. Status inactive.
	119m south-east	Dent Removal Dent Devils, 22 Woodland Grove. Car body repairs. Status Active
	125m north-east	Total Petrol Filling Station, 230 Birmingham Road. Status inactive.
	140m north-east	Shell Service Station 333-339 Birmingham Road. Status active.
	141m north-east	Shell Service Station 333-339 Birmingham Road. Status inactive.
	238m north-east	S C Cleaning, 100 coronation Road, carpet, curtain & upholstery cleaners. Status inactive.
Fuel Station Entries	125m north-east	Great Barr Service Station, 230 Birmingham Road. Status obsolete.
	140m north-east	Shell Service Station 333-339 Birmingham Road. Status open.
	603 south-east	Mfg Gret Barr, 76 Birmingham Road, Esso petrol filling station. Status open.
Points of Interest	119m south-east	Dent removal – Vehicle repair, testing and servicing.
	140m-141m north-east	Shell Car wash – Vehicle cleansing services
Control of Major Accident Hazards Sites (COMAH), Notification of Installations Handling Hazardous Substances (NIHHS)	None Present	No COMAH or NIHHS entries within 1km of the site.
Enforcement and Prohibition Notices	None Present	No enforcement and prohibition notice entries within 1km of the site.
Local Authority (Integrated) Pollution Prevention and Controls/Enforcements	141m north-east	Total UK Ltd Petrol Station. Permit PG1/14 issued for use as a Petrol Station in December 1998. Status permitted.
Prosecutions Relating to Authorised Processes	None Present	No Prosecutions Relating to Authorised Processes entries within 1km of the site.
Water Industry Act Referrals	None Present	No Water Industry Act Referrals within 1km of the site.
Prosecutions Relating to Controlled Waters	None Present	No Prosecutions Relating to Controlled Waters entries within 1km of the site.

5.7 Environmentally Sensitive Sites

Details relating to pertinent environmentally sensitive sites located within 250m of the site are recorded below in Table 91.

Table 11. Summary of contaminated land entries, pollution incidents and discharge consents

<i>Type of Record</i>	<i>Location and Distance from Site</i>	<i>Comments</i>
Areas of adopted green belt.	On site	Walsall MBC January 2009 and Sandwell MBC December 2012.
Nitrate Vulnerable Zone	On Site	River Trent (Source confluence with Derwent) Nvz.

6. PRELIMINARY RISK ASSESSMENT

6.1 Introduction

Historical contamination of land may present harm to human health and the environment. Current UK legislation stipulates that the risk associated with potential land contamination is assessed and remediated, if necessary. Under the Town and Country Planning Act 1990 (as amended), potential land contamination is a "material planning consideration" together with the National Planning Policy Framework (July 2021), which means that a planning authority must consider contamination when they prepare development plans or consider individual applications for planning permission. It is the responsibility of the developer to carry out the remediation where it is required and to satisfy the Local Authority that the remediation has been carried out as agreed.

Additionally, Part 2A of the Environmental Protection Act 1990 requires that a significant source-pathway-receptor linkage exists to determine a site as Contaminated Land. This means that there has to be a contaminant present, a receptor that could be harmed by this contaminant, and a pathway linking the two. Part 2A deals with the contamination risk from a site in its current use, however, the planning system requires that the proposed use is considered. Where remediation is carried out under the planning system, it should be ensured that the site is in such a condition that it would still not meet the definition of Contaminated Land under Part 2A.

6.2 Preliminary Conceptual Site Model

A preliminary conceptual site model (PCSM) has been compiled for the site with respect to the proposed development to identify potential sources of contamination and associated potential contaminant linkages. This CSM informs the need for further investigation at the site, if required.

6.2.1 Potential Sources

Potential contamination sources can include those from both current and historical activities on site and in the surrounding area. The following potential sources have been identified at the site:

Made Ground

There are no large areas or thicknesses of Made Ground anticipated. However, it is possible that localised Made Ground may be present particularly where ponds may have been infilled or surrounding the small buildings present on site.

Asbestos

The presence of Asbestos is not anticipated on site. However, given the nature and age of the buildings/structures present within the north-eastern section of the site there may be Asbestos Containing Materials (ACM) within them.

In summary apart from the presence of several buildings or structures within the north-eastern area the site (which are likely to have or are being used for either stabling of animals or the storage of materials) the site has remained undeveloped. There are no nearby landfills, areas of infilled land or waste management facilities. There are also no nearby industrial or commercial land uses that require consideration. Consequently, other than the potential for soil contaminants relating to the historical or current use of the localised buildings or structures (as identified above), the use of pesticides or fertilizers for agricultural purposes and the possibility of asbestos containing materials within the fabric of the buildings/structures there are no other identified potential sources.

6.2.2 Potential Pathways

The potential migration pathways that may be present at the site include:

Ingestion and Inhalation – contaminated soils/fibres/dust could be ingested or inhaled by site occupants (including via ingestion of homegrown produce). Vapours may also be inhaled.

Direct/Dermal contact – Direct/dermal contact with contaminated soils or groundwater may result in the permeation of contaminants through building material or the uptake of contaminants through the skin.

Root uptake – uptake of phytotoxic contaminants by plants and vegetation.

Lateral and vertical migration – leaching from potential contamination in soils may impact the groundwater and surrounding aquifers or enter downslope watercourses.

Drainage and services – can create preferential pathways for contamination to migrate.

Ground gas/vapour migration – lateral migration of ground gases and/or vapours through the soil matrix could lead to accumulation within buildings, posing a risk of asphyxiation or explosion.

Given the absence of potential sources there is however considered to be a low risk to the site from ground gases either being present on site or from migration off-site.

Areas of the site lie either within a non-affected radon zone, a lower probability or intermediate Probability Radon Area where less than 1% or 1-3% of homes are estimated to be at or above the Action Level. A more detailed site-specific radon report will be required for site zone clarification and to ensure the correct radon measures are taken.

Based on the proposed end use of the site for residential purposes, the main receptors at the site are considered to be:

Future site (residential) occupants – considered to be at risk from potential contamination associated with the identified potential sources;

Construction workers – could be affected by potential contamination within soils and groundwater during ground works. Such persons are likely to be in close contact with potentially contaminated materials, which may include asbestos;

Off-site workers and residents – potential contamination risks are likely to be low assuming appropriate health and safety practices during construction;

Controlled waters – surface water; the stream running from the central site area to the western site boundary and the ponds within the north-eastern and south-eastern site areas are potentially at risk from the leaching of potentially contaminated soils.

Plants and vegetation – from phototoxic contaminants such as copper, nickel and zinc.

6.3 Preliminary Qualitative Risk Assessment

A preliminary qualitative risk assessment has been undertaken based on the findings of the conceptual site model and the potential contaminant linkages that may exist at the site in accordance with the Environment Agency Land Contamination Risk Management⁴ documentation. Using criteria broadly based on those presented in CIRIA Report C552⁵, the magnitude of the risk associated with potential pollutant linkages has then been assessed and is summarised below in, Table 12. The risk assessment methodology is presented in Appendix E.

⁴ Environment Agency (2020). Land Contamination Risk Management. Available from: <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>

⁵ CIRIA (2001) Contaminated Land Risk Assessment. A guide to good practice. C552.

Table 102. Preliminary Qualitative Risk Assessment

Potential Source/Medium	Potential Exposure Route	Potential Receptor	Severity	Probability	Risk Rating	Comments
The presence of several buildings or structures within the north-eastern section of the site. Potential for asbestos to be present within the building fabric and for soil contamination emanating from the buildings use including a screen for fertilizers.	Direct ingestion/dermal contact with soil and dust, inhalation of dust, particles and potentially asbestos fibres	Future occupiers (residential)	Low	Low	Low	Future site users (residential) are considered to be at potential low risk and construction workers at moderate risk of exposure to contamination associated with several buildings or structures within the north-eastern corner of the site and the potential historic use of pesticides & fertilizers.
		Construction workers	Moderate	Low	Moderate	Ground investigation is recommended with particular targeting of the north-eastern section of the site to confirm the ground conditions and to investigate for the potential presence of soil contamination (to include a pesticides and fertilizer screen) and asbestos within the fabric of buildings likely to be demolished. Appropriate PPE will be required during groundworks.
		Off-site residents	Very Low	Unlikely	Very Low/Unlikely	The risk of exposure to off-site receptors during construction is assessed to be minimal assuming appropriate health and safety practices including prevention of off-site dust migration is undertaken.
Localised made ground. Radon	Lateral or vertical migration into underlying aquifers and surface waters	Controlled Waters	Moderate/Low	Low	Moderate/Low	The potential for pollution to surface waters is considered to be of a moderate risk due to the proximity of the nearest pond and low for the more remote location of the surface water stream within the central site area and the pond within the south-eastern corner of the site. The bedrock strata are classified as either a Secondary aquifer – A or B (and there are no superficial deposits recorded) the potential risk to underlying aquifers is therefore considered to be low.
	Potential for migration of ground gas/vapour or emission of radon	Future users (Residential) Construction workers Buildings and structures	Low	Low	Low	There are no identified sources of potential ground gas either on or off site. Ground investigation recommended to confirm expected ground conditions and to prove the absence of substantial depths of either Made Ground or organic matter. Confirmation required as to the locality on site of potentially an intermediate risk from the emission of radon from stratum underlying the site.






7. CONCLUSIONS & RECOMMENDATIONS







7.1 Conclusions

The site is considered to pose a very low to moderate potential risk to current and future on-site receptors based on the contamination potential associated with records of historical land use.

7.2 Recommendations

It is recommended that a phase 2 intrusive ground investigation, providing a general coverage of the site, is undertaken to confirm the on-site ground conditions. More specifically for the area of the proposed residential development (Wilderness Park'), within the eastern section of the site, a more definitive approach should be adopted with the following recommendations: -

-  It is recommended that an Arboricultural survey is undertaken to ascertain information regarding to the species of trees and shrubs present at the field boundaries.
-  It is recommended that a series of exploratory holes (boreholes & trial pits) are formed within the proposed development site area to assess the stratum underlying the site and to confirm a suitable founding depth. It is advised that groundwater monitoring standpipes are installed within selected boreholes followed by a period of monitoring to evaluate the standing groundwater level.
-  Should fine grained soils underlie the proposed site development area it is likely that the presence of the trees and shrubs at the field boundaries will have an influence on building foundation depths. It is advised that where appropriate soil samples are obtained to enable laboratory testing to be undertaken to confirm soil volume change potential along with an assessment of any depth related soil desiccation.
-  Should fine grained cohesive soils be encountered underlying the site a full assessment on the effects of any trees and hedgerows within the influence of proposed housing plots on foundation depths will need to be undertaken in accordance with NHCB Standards 2023 Clause 4.2.
-  An asbestos survey should be completed to identify the presence of any ACM materials within the fabric of the buildings or structures located within the north-eastern section of the site so that these materials if present can be appropriately managed during the demolition of the buildings.

-  Soil samples will need to be obtained from the locations of proposed gardens and areas of public open space for contamination testing in relation to an assessment on the potential effects of any contaminants that may be present on human health. The areas containing the existing buildings or structures should also be targeted as a potential 'hotspot' as their historic use is unknown. Given the historical agricultural site use it is recommended that near surface soil samples are taken and screened for the presence of fertilizers and insecticides.
-  Soil samples should be obtained to determine their sulphate content and to assess any potential aggressivity to below surface concrete.
-  The Landmark Information Group Envirocheck report records the site lying within a low to intermediate probability radon area, it is recommended that a more detailed site-specific radon report is obtained for site zone clarification.
-  Should shallow groundwater not be encountered, and the use of soakaway drainage be considered it is advised that a series of soil infiltration tests are undertaken in accordance with BRE Digest 1:2005⁶.
-  It is assumed that site levels will remain as existing following redevelopment, however, should import of soils be required to supplement ground levels, or if imported topsoil and/or subsoil is required in future landscaping areas, these materials must be provided by a reputable supplier together with pre-import chemical test data to confirm its suitability for use. Further environmental verification soil testing after placement of topsoil or a growing medium by a competent geo-environmental engineer may be required in accordance with the requirements of the Local Authority.
-  Any surplus spoil destined for disposal will require laboratory testing and waste characterisation to identify appropriate waste disposal routes.

The conclusions to this report are subject to the approvals of the regulatory bodies. No work should be started on site until their approvals have been received.

⁶ BRE Special Digest 1:2005 (Third edition) 'Concrete in aggressive ground'



APPENDIX A

Historic Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

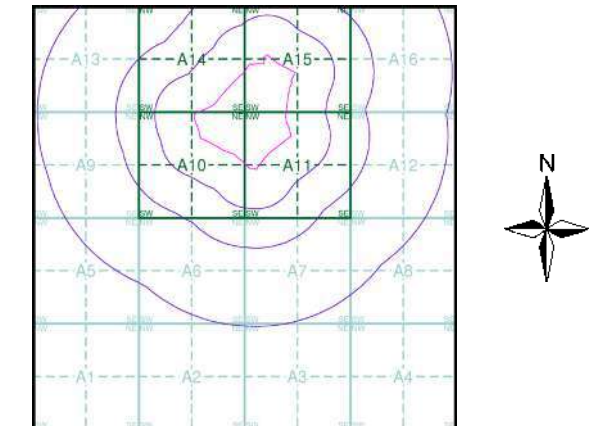
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:10,560	1885 - 1886	3
Staffordshire	1:10,560	1903 - 1904	4
Staffordshire	1:10,560	1920 - 1921	5
Staffordshire	1:10,560	1938	6
Ordnance Survey Plan	1:10,000	1955 - 1956	7
Ordnance Survey Plan	1:10,000	1966 - 1967	8
Ordnance Survey Plan	1:10,000	1971 - 1972	9
Ordnance Survey Plan	1:10,000	1976	10
Birmingham	1:25,000	1977	11
Ordnance Survey Plan	1:10,000	1980 - 1982	12
Ordnance Survey Plan	1:10,000	1991 - 1994	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2023	16

Historical Map - Slice A



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Landmark
 INFORMATION GROUP

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

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Fireproof Building

Prominent Fireproof Building

Non-fireproof Building

Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys

Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale

Hydroelectric Power Station

Radio Station, drawn to scale

Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry

Open-pit Salt Mine

Pit

Oil Deposit or Well

Oil Seepage

Tailings Pile

Fuel Storage Tanks

Natural Gas Tank

Bench Mark

Drill Hole

Burial Mound

Triangulation Point on Burial Mound

Fill

Cut

Single-track Railroad

Small Bridge

Double-track Railroad

Pipe (Culvert)

Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

$\frac{180}{12}$ Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Cut

Fill

Km Post

Plantings

Width of Road

Steep Grade

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Small Bridge

Pipe (Culvert)

Tunnel

Dismantled Railroad

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Direction and velocity of current

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

Key to Numbers on Mapping

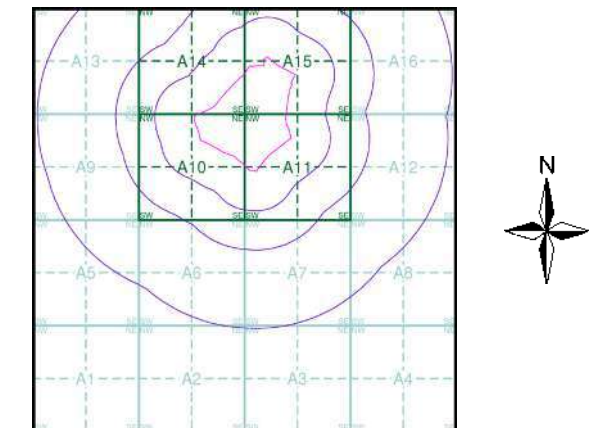
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
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Staffordshire	1:10,560	1903 - 1904	4
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Staffordshire	1:10,560	1938	6
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Ordnance Survey Plan	1:10,000	1976	10
Birmingham	1:25,000	1977	11
Ordnance Survey Plan	1:10,000	1980 - 1982	12
Ordnance Survey Plan	1:10,000	1991 - 1994	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2023	16

Russian Map - Slice A



Order Details

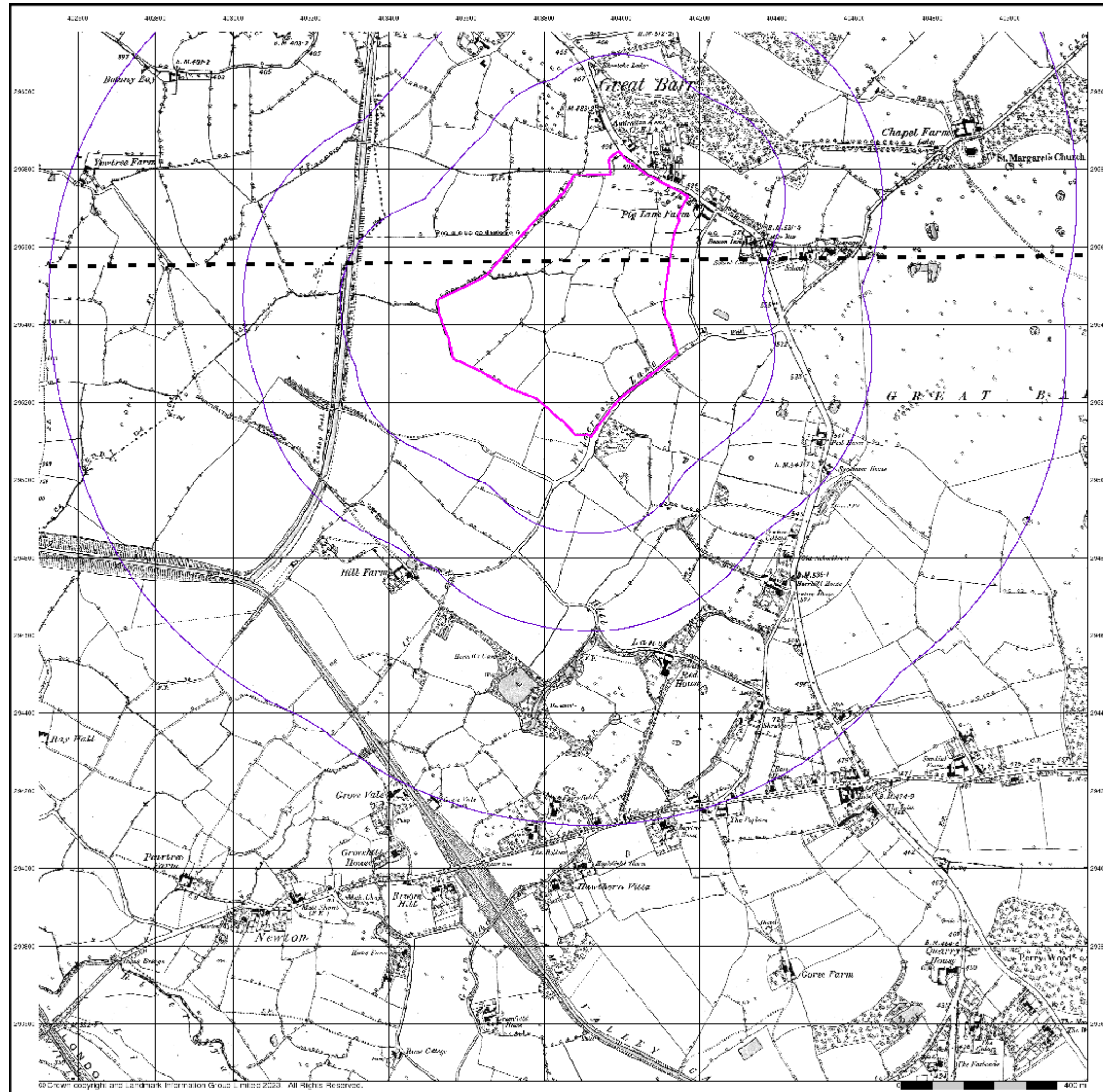
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 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

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



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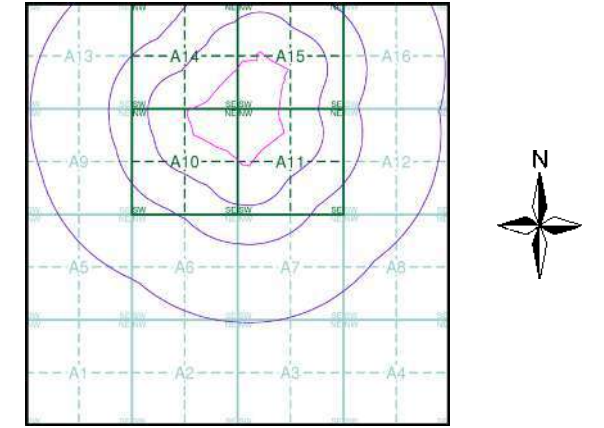
Staffordshire
Published 1885 - 1886
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

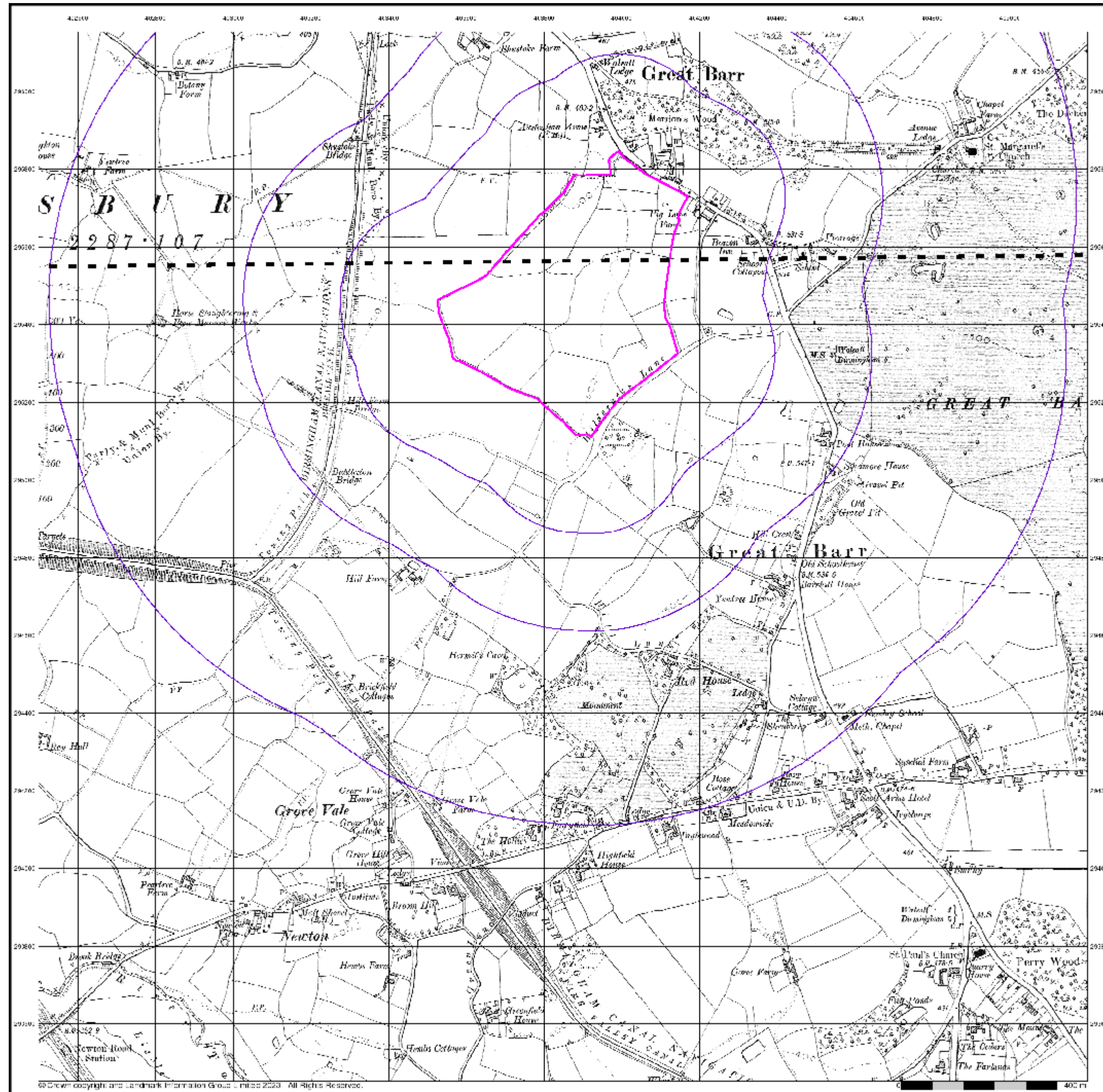
063SE	1885	1:10,560
068NE	1886	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 314750106_1_1
 Customer Ref: POP013976
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Site Details
 63 Peak House Road, BIRMINGHAM, B43 7RY



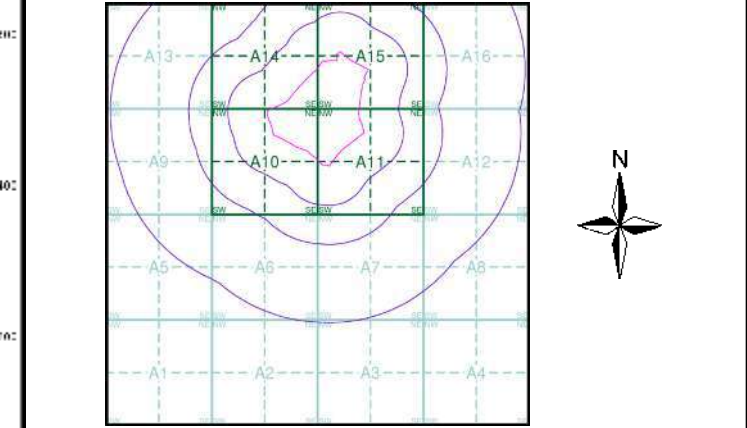
Staffordshire
Published 1903 - 1904
Source map scale - 1:10,560

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Map Name(s) and Date(s)

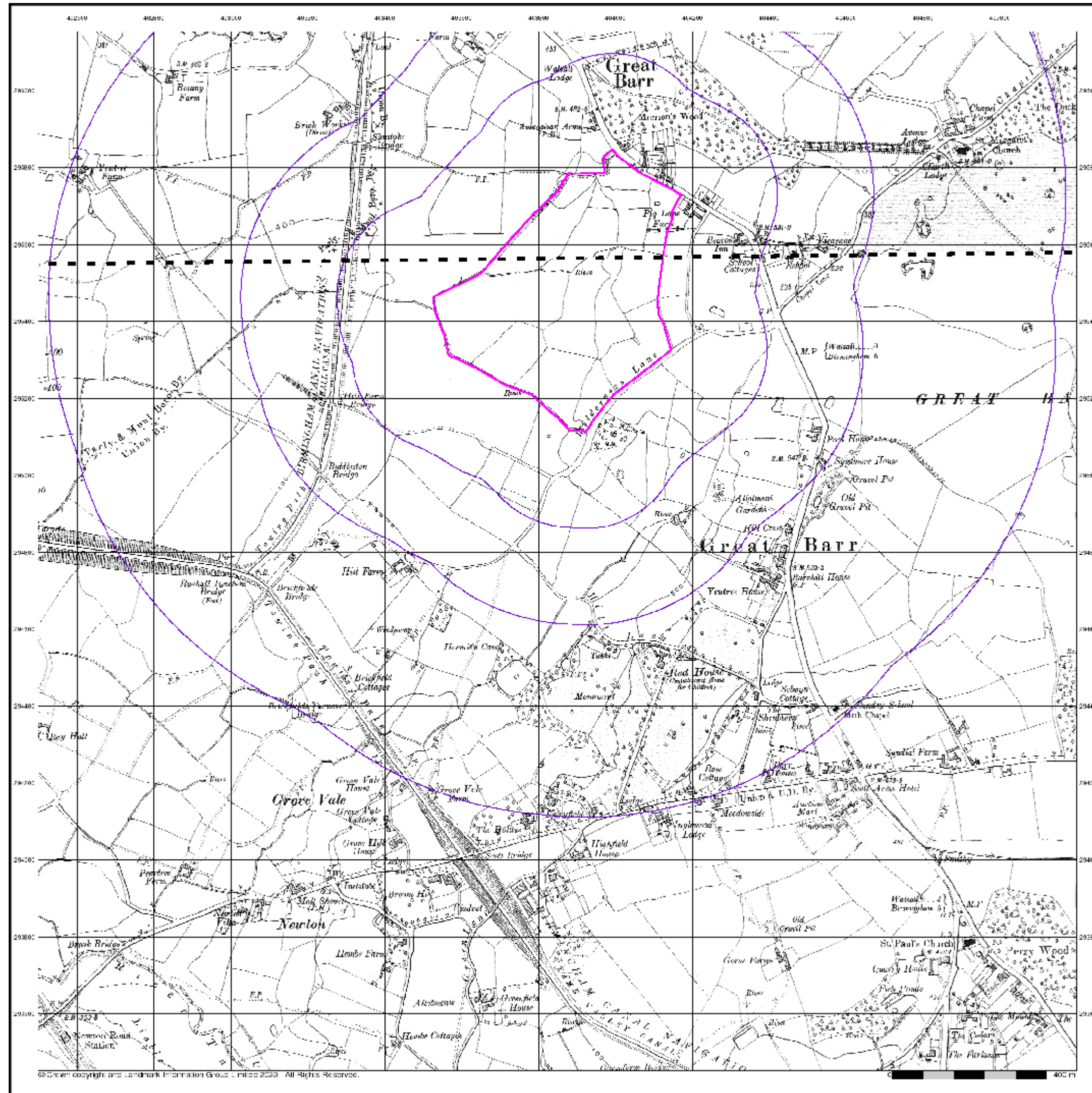
063SE	1903	1:10,560
068NE	1904	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details
 63 Peak House Road, BIRMINGHAM, B43 7RY



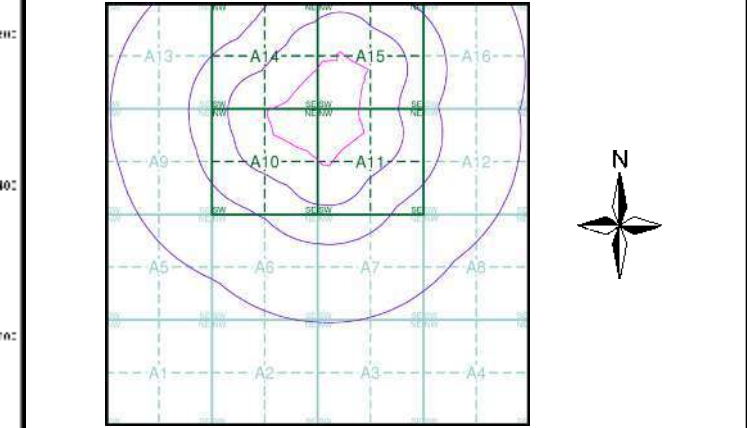
Staffordshire
Published 1920 - 1921
Source map scale - 1:10,560

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Map Name(s) and Date(s)

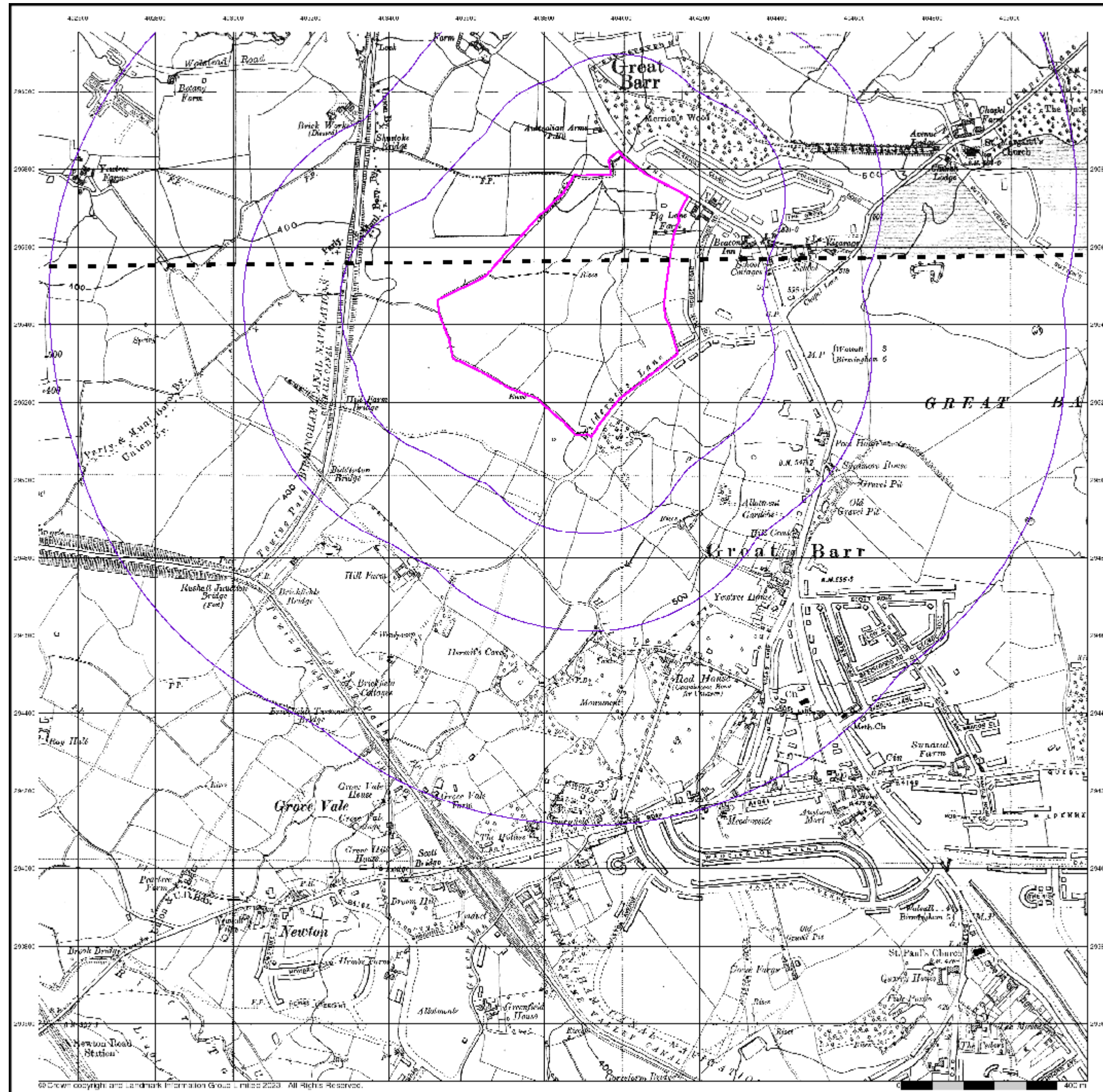
063SE	1920	1:10,560
068NE	1921	1:10,560

Historical Map - Slice A



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 Customer Ref: POP013976
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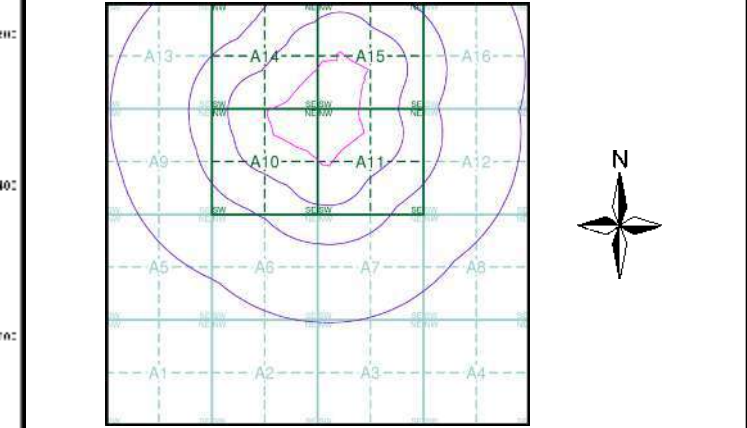
Staffordshire
Published 1938
Source map scale - 1:10,560

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Map Name(s) and Date(s)

063SE	1938	1:10,560
068NE	1938	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details
 63 Peak House Road, BIRMINGHAM, B43 7RY

Ordnance Survey Plan

Published 1955 - 1956

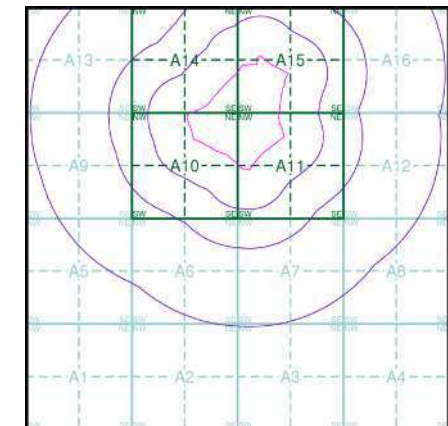
Source map scale - 1:10,000

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Map Name(s) and Date(s)

SP09NW	SP09NE
1955	1955
1:10,560	1:10,560
SP09SW	SP09SE
1955	1956
1:10,560	1:10,560

Historical Map - Slice A

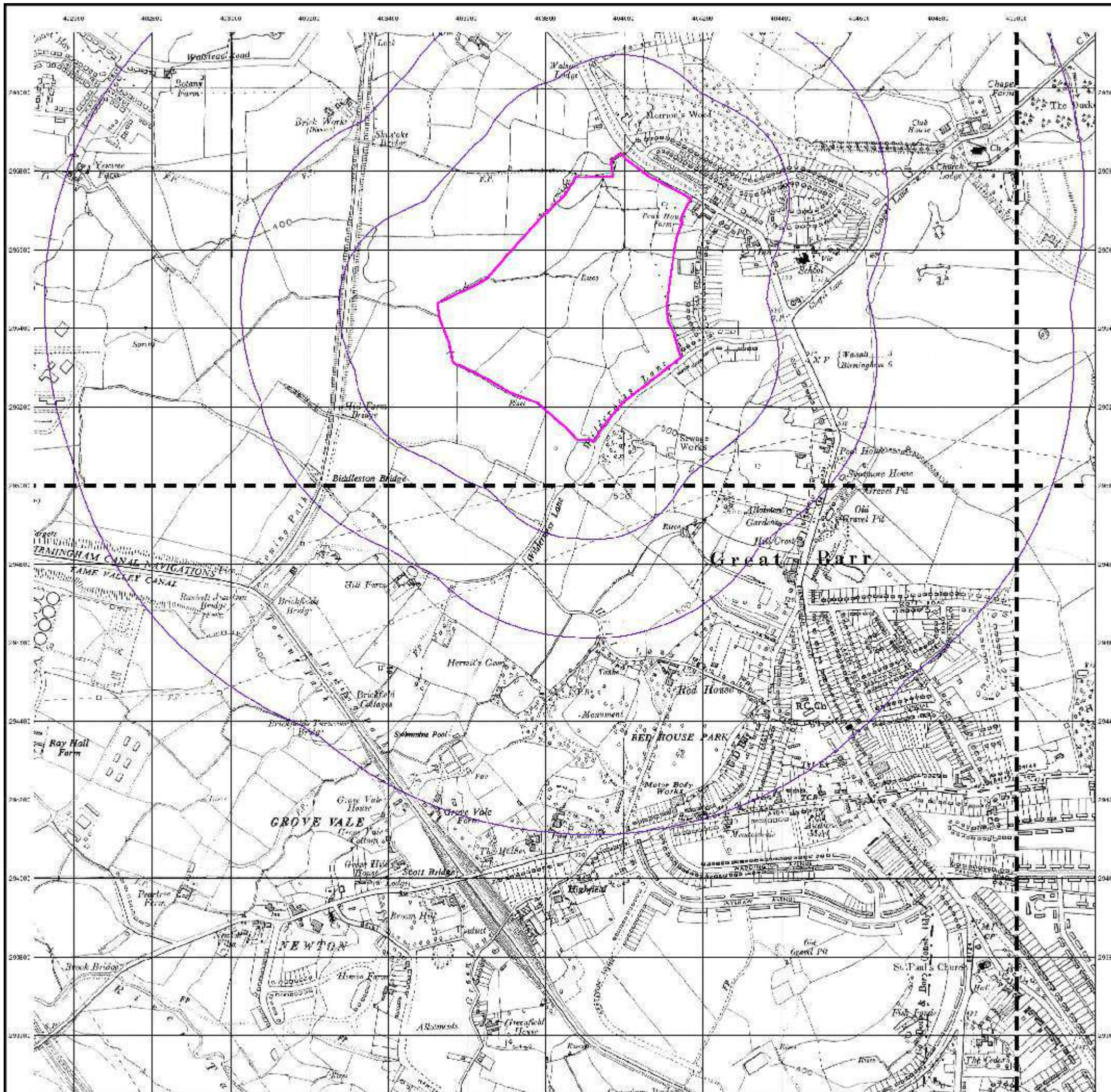


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1966 - 1967

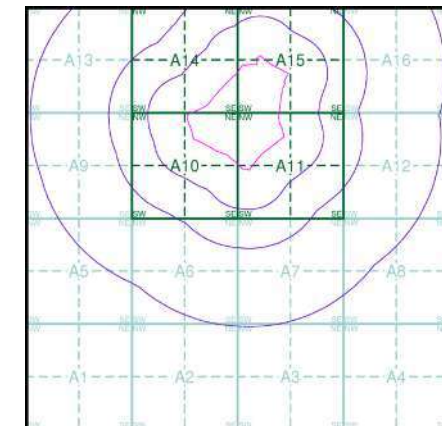
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09SW 1967 1:10,560	SP09SE 1966 1:10,560

Historical Map - Slice A

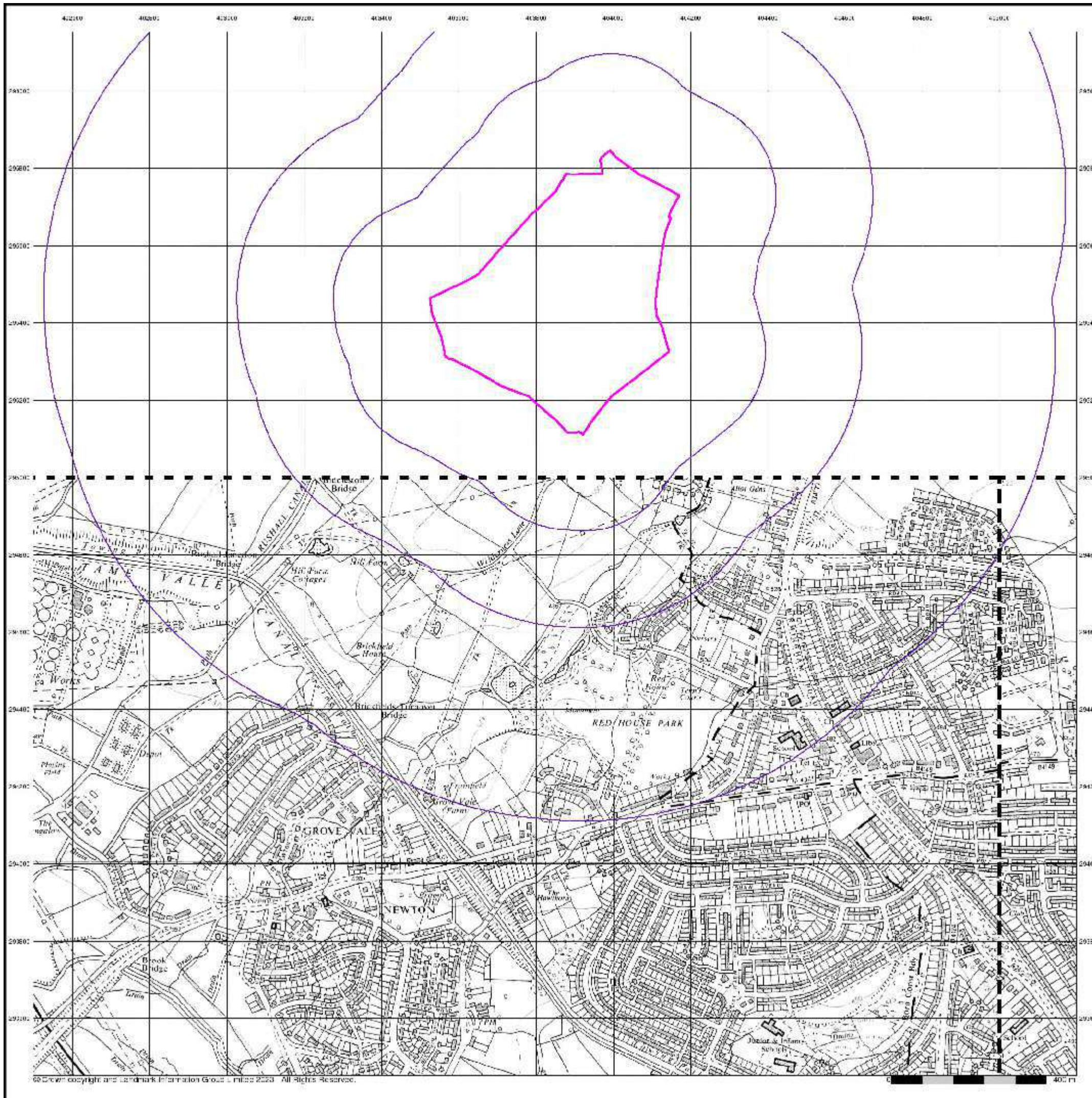


Order Details

Order Number: 314750106_1_1
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 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1971 - 1972

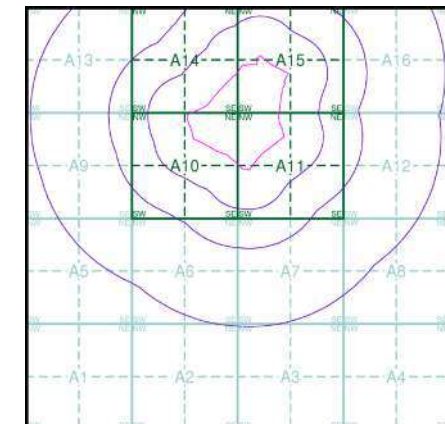
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09NW 1972 1:10,000	SP09NE 1971 1:10,000
----------------------------	----------------------------

Historical Map - Slice A



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
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 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



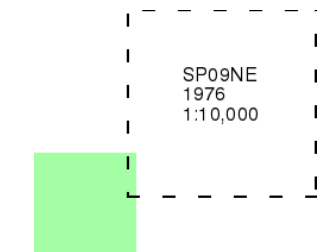
Ordnance Survey Plan

Published 1976

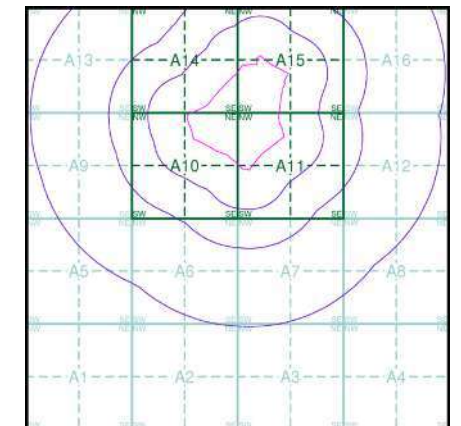
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

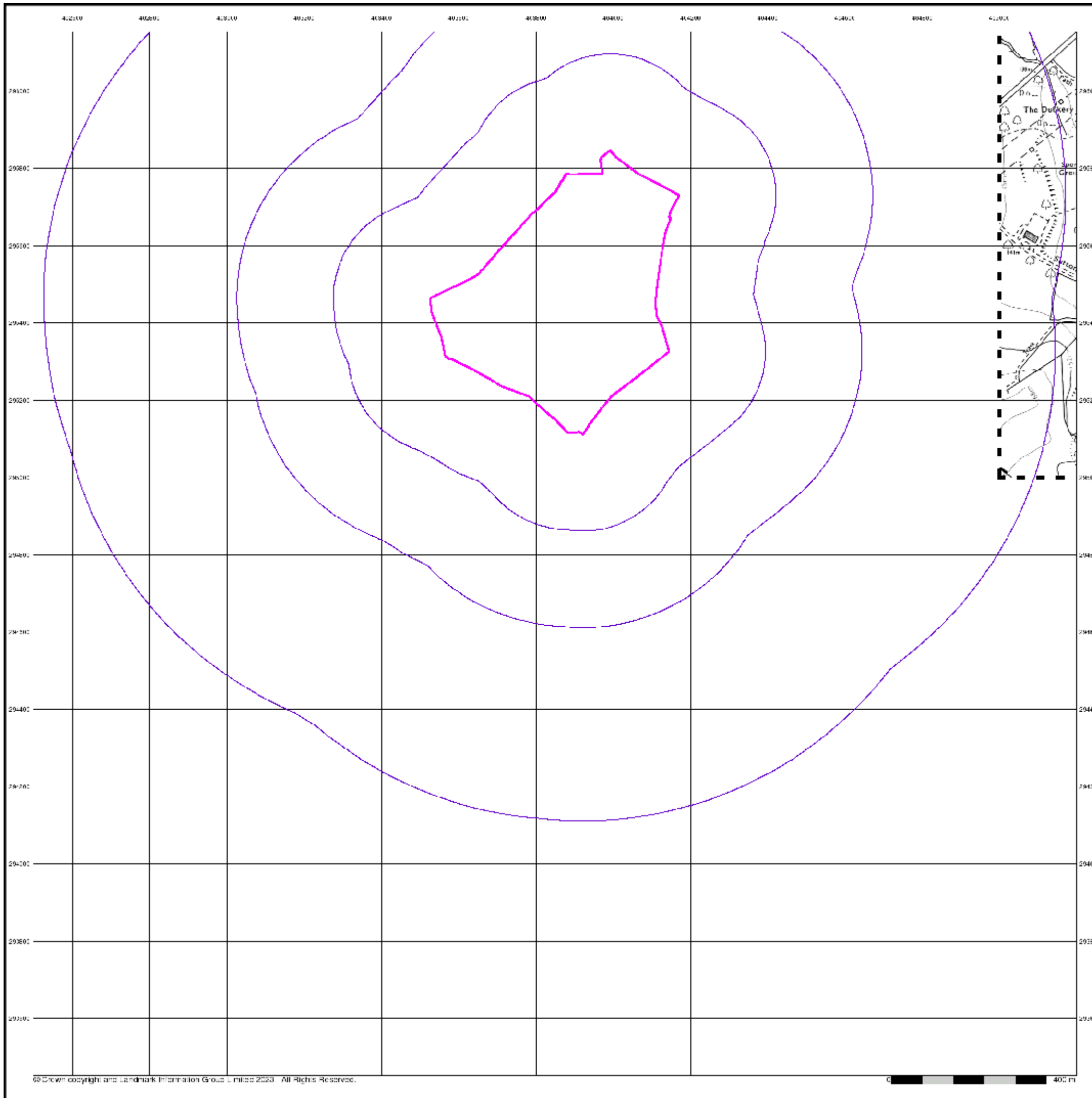


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Birmingham

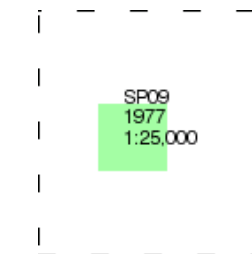
Published 1977

Source map scale - 1:25,000

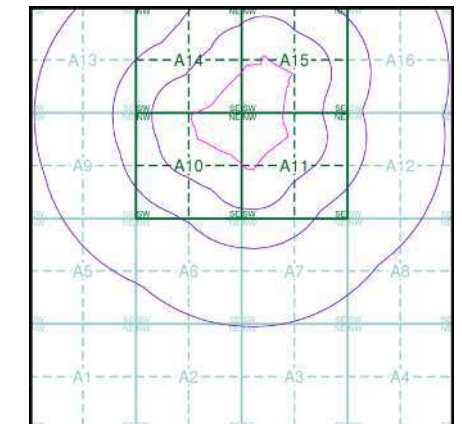
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1980 - 1982

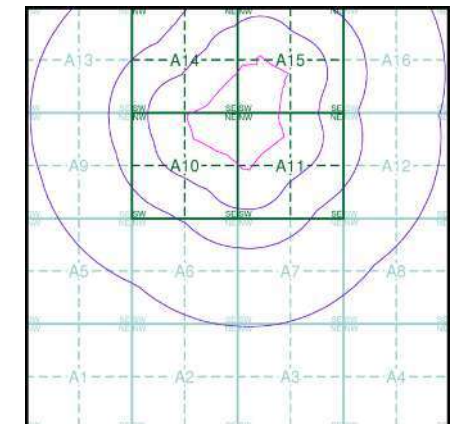
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09NW	1982	1:10,000
SP09SW	1980	1:10,000
SP09SE	1982	1:10,000

Historical Map - Slice A

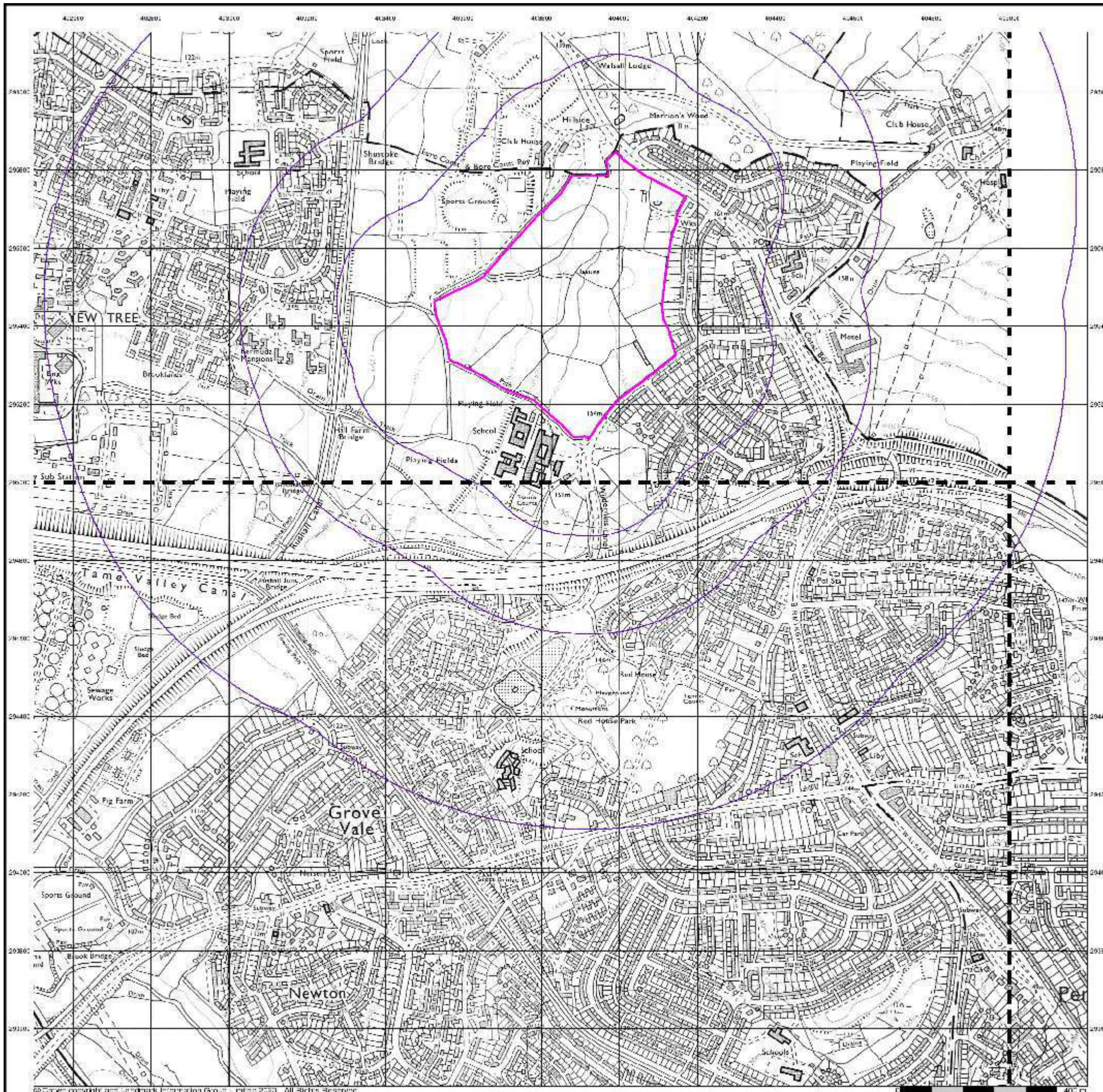


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1991 - 1994

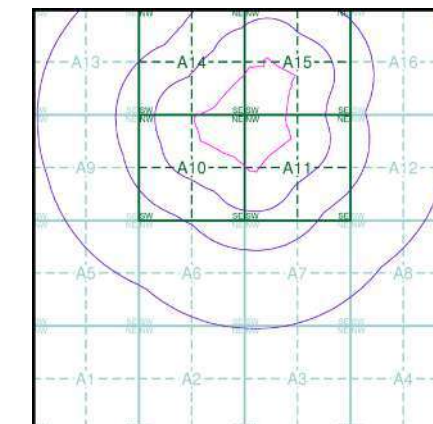
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09NW	SP09NE
1992	1991
1:10,000	1:10,000
■	
SP09SE	
1994	
1:10,000	

Historical Map - Slice A



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



10k Raster Mapping

Published 1999

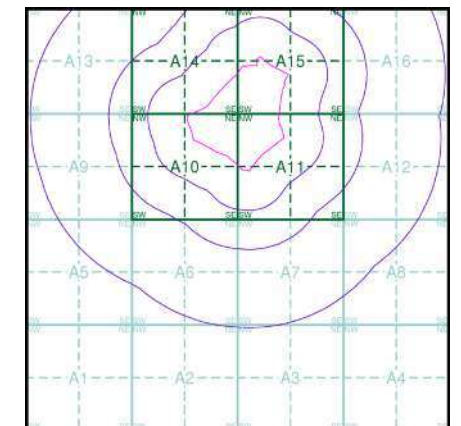
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09NW	SP09NE
1999	1999
1:10,000	1:10,000
SP09SW	SP09SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



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10k Raster Mapping

Published 2006

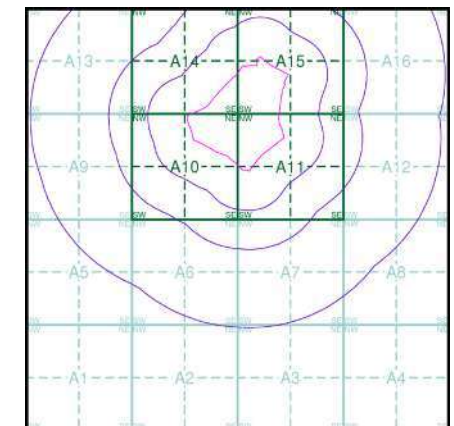
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP09NW 2006 1:10,000	SP09NE 2006 1:10,000
SP09SW 2006 1:10,000	SP09SE 2006 1:10,000

Historical Map - Slice A



Order Details

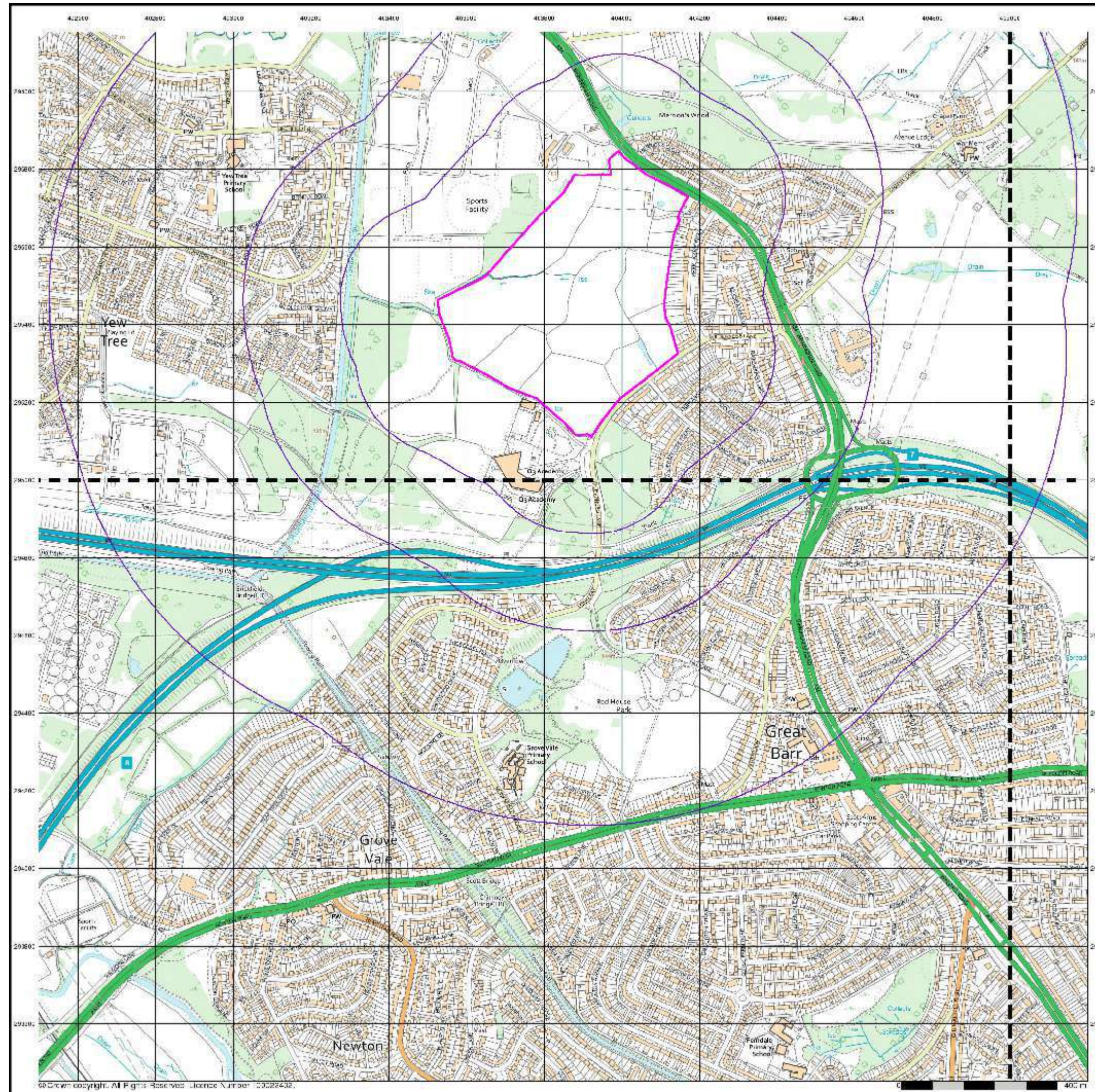
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 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



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VectorMap Local

Published 2023

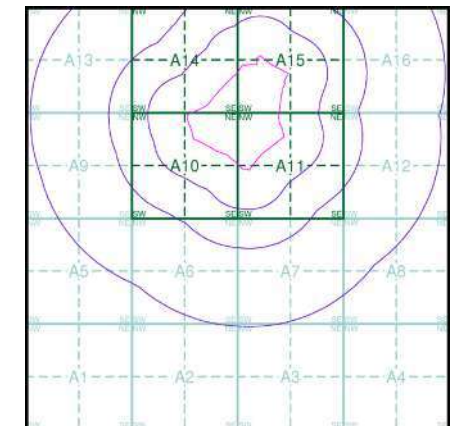
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SP09NW 2023 Variable	SP09NE 2023 Variable
SP09SW 2023 Variable	SP09SE 2023 Variable

Historical Map - Slice A



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

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 Web: www.envirocheck.co.uk

Historical Mapping Legends

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

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

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

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

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

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

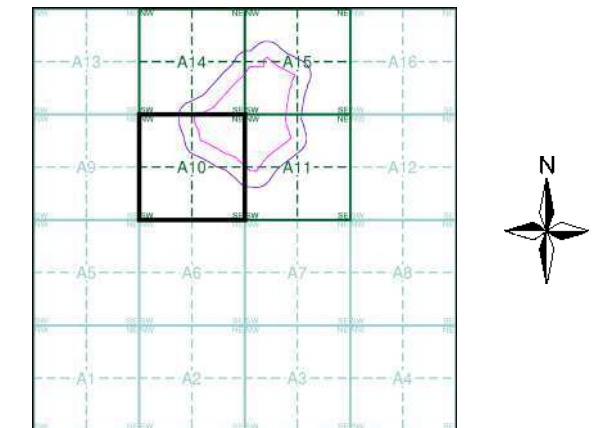
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1886	2
Staffordshire	1:2,500	1903 - 1904	3
Staffordshire	1:2,500	1918	4
Staffordshire	1:2,500	1937	5
Ordnance Survey Plan	1:1,250	1960 - 1961	6
Ordnance Survey Plan	1:2,500	1962	7
Ordnance Survey Plan	1:1,250	1970 - 1972	8
Additional SIMs	1:1,250	1982	9
Large-Scale National Grid Data	1:1,250	1992	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment A10



Order Details

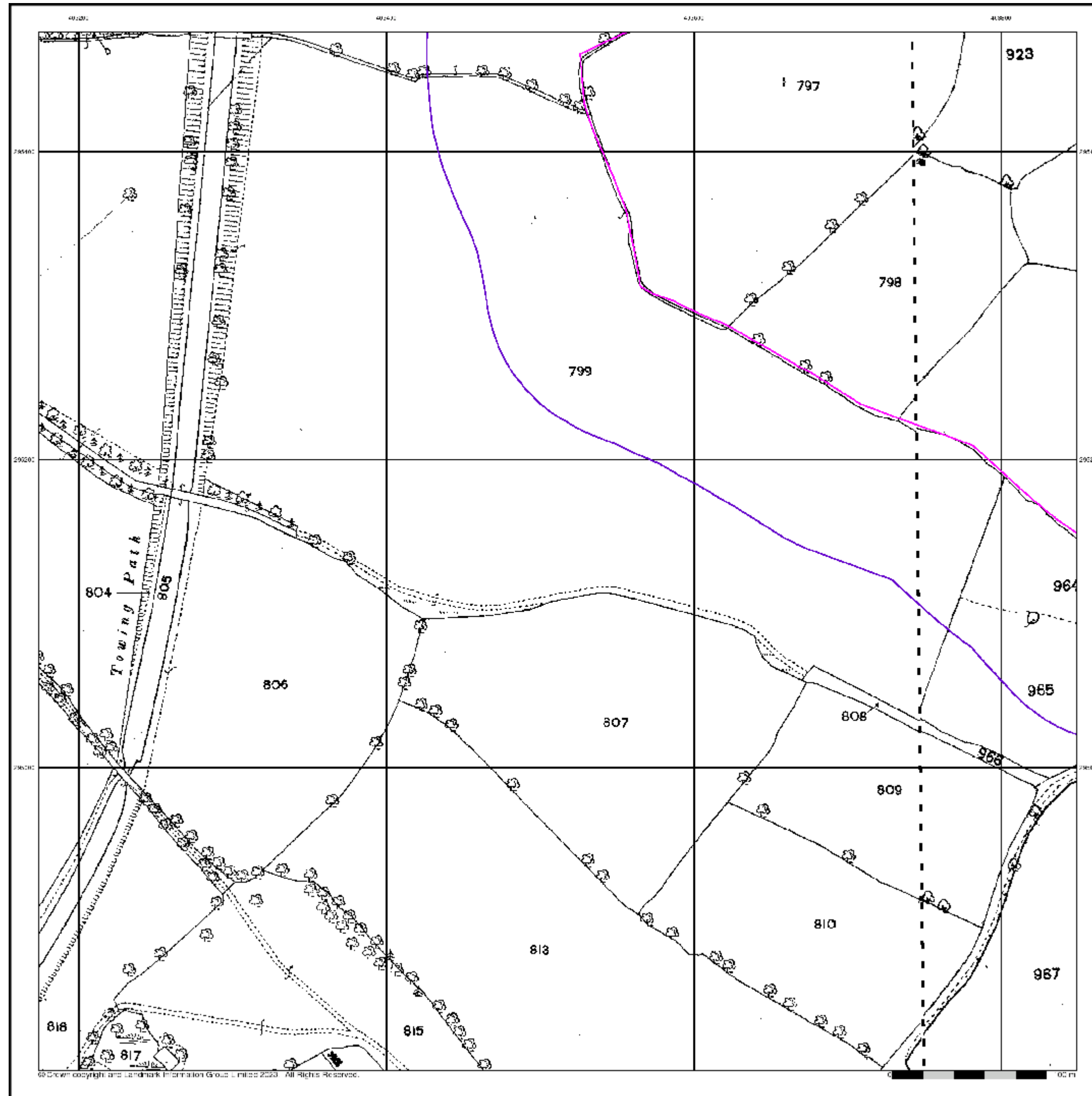
Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

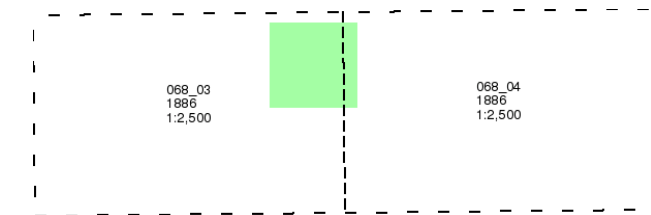
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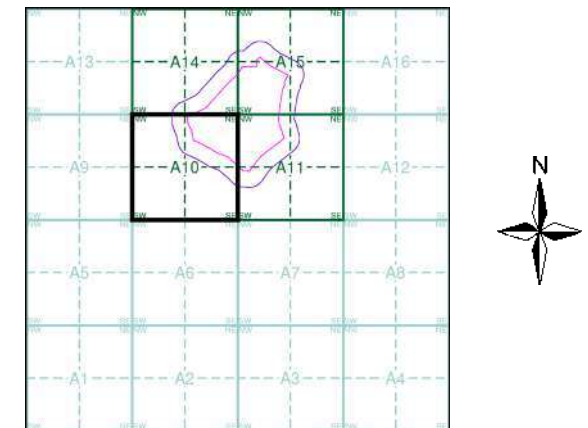


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A10

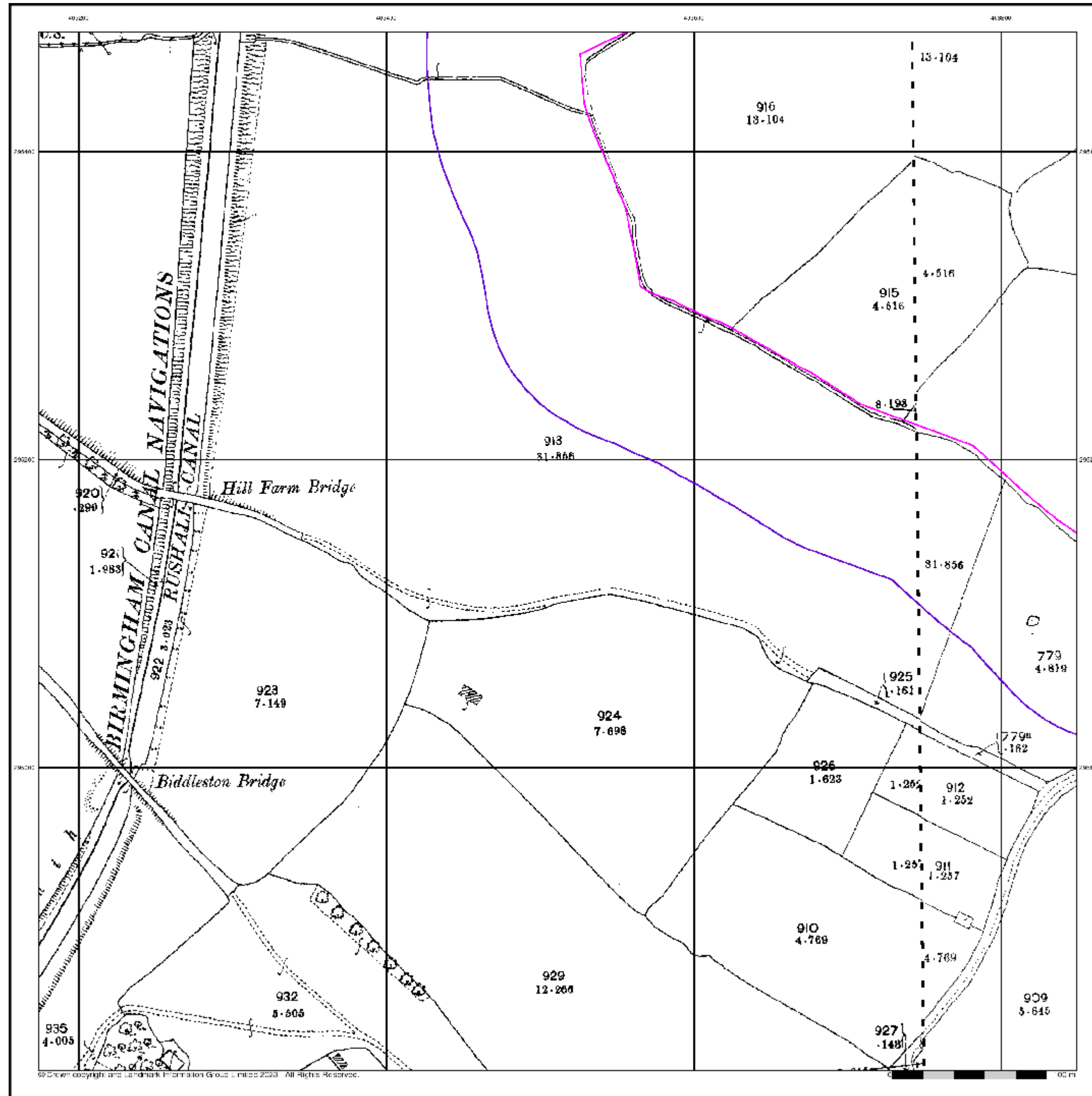


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



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Staffordshire
Published 1903 - 1904
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

068_03 1904 1:2,500		068_04 1903 1:2,500
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Historical Map - Segment A10

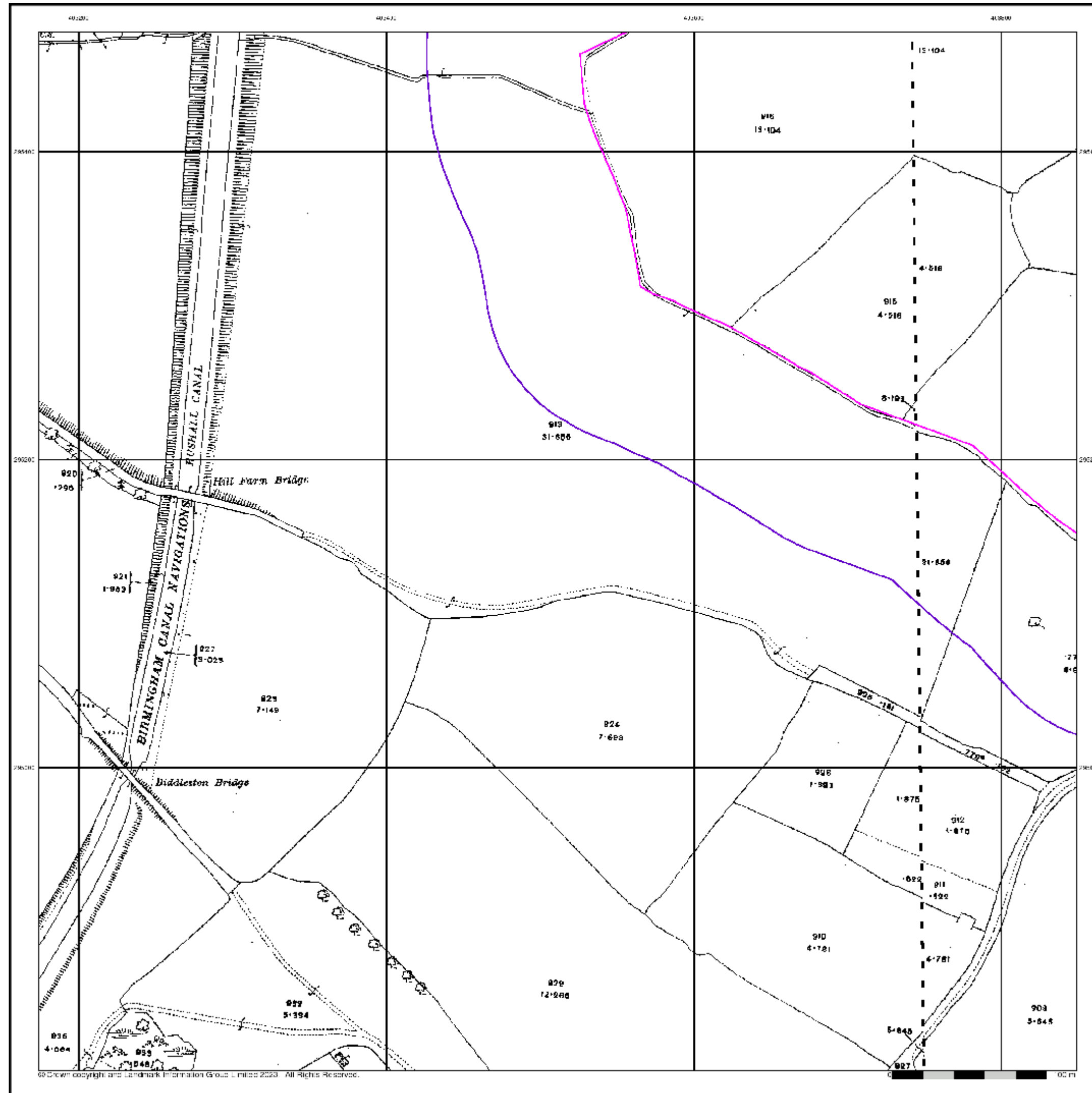
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Customer Ref:	POP013976
National Grid Reference:	403860, 295250
Slice:	A
Site Area (Ha):	27.06
Search Buffer (m):	100

Site Details
 63 Peak House Road, BIRMINGHAM, B43 7RY

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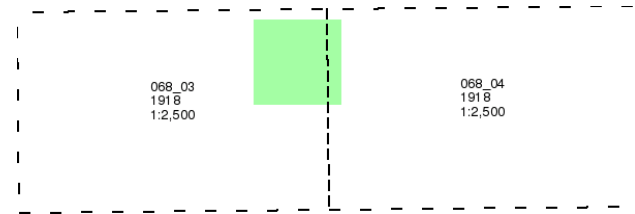
A Landmark Information Group Service v50.0 26-Jul-2023 Page 3 of 11



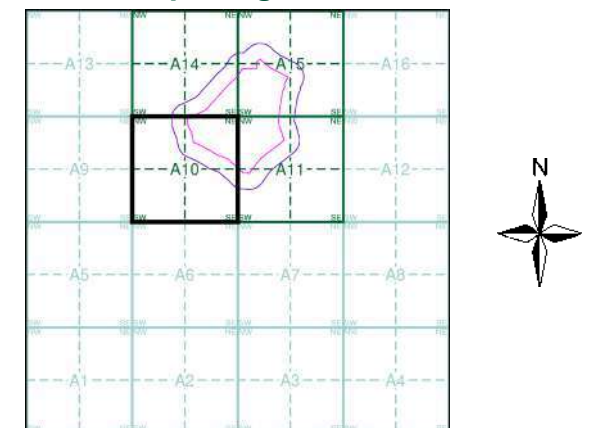
Staffordshire
Published 1918
Source map scale - 1:2,500

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Map Name(s) and Date(s)

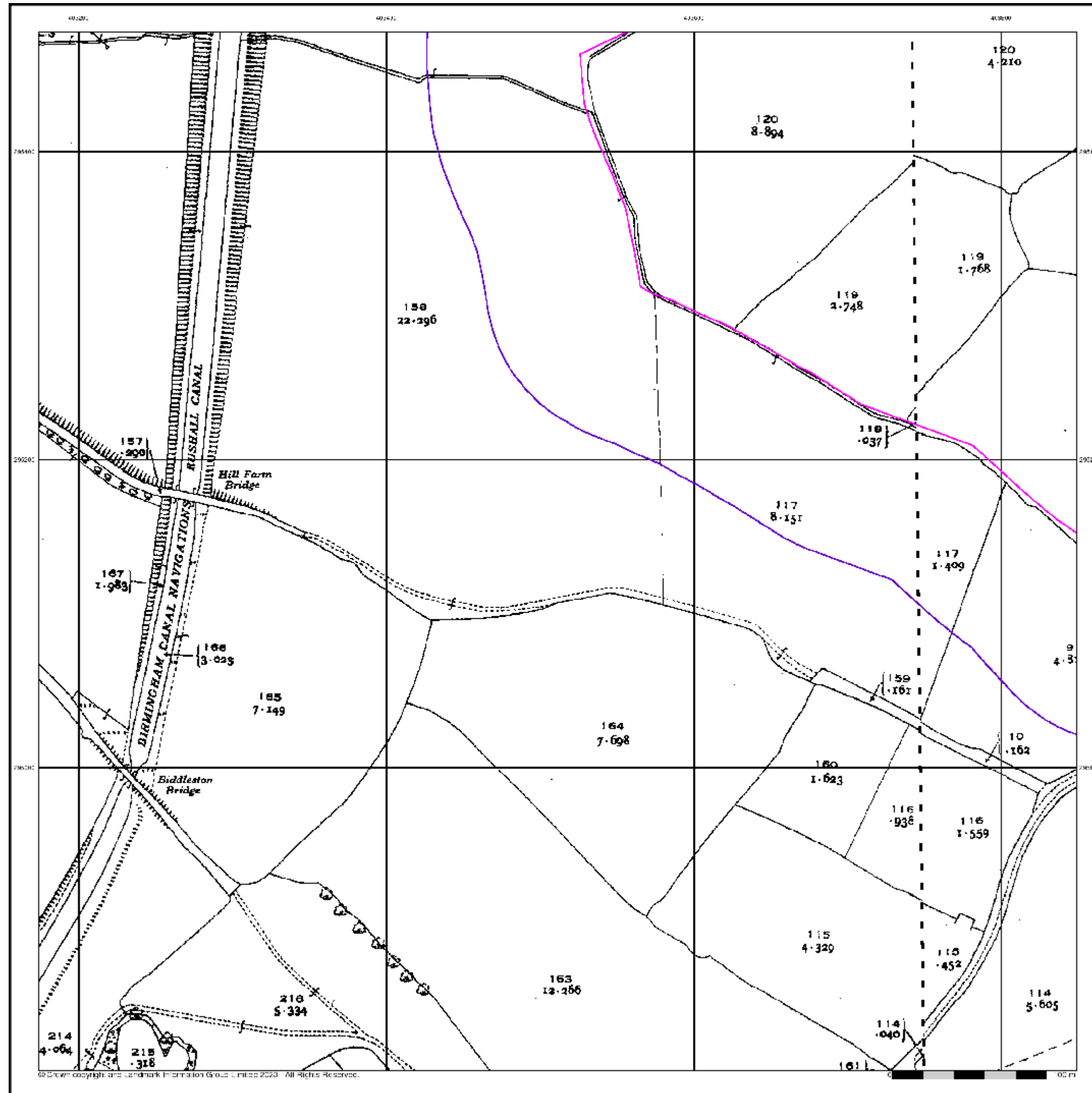


Historical Map - Segment A10



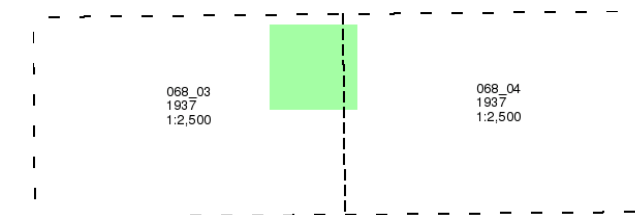
Order Details
 Order Number: 314750106_1_1
 Customer Ref: POP013976
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 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details
 63 Peak House Road, BIRMINGHAM, B43 7RY

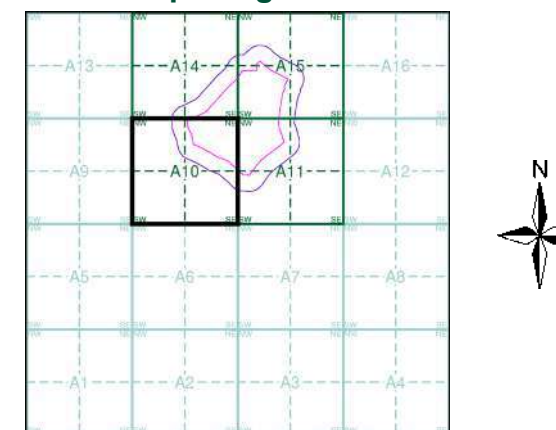


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Ordnance Survey Plan

Published 1960 - 1961

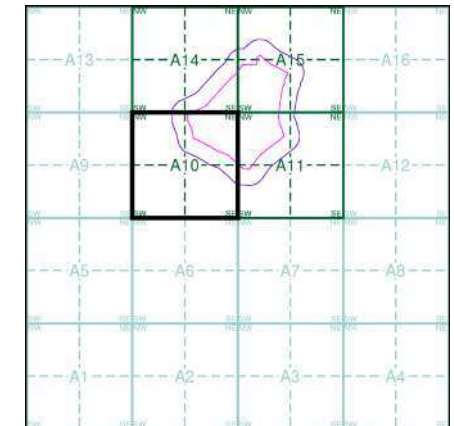
Source map scale - 1:1,250

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)

SP0395SW 1960 1:1,250	SP0395SE 1960 1:1,250
SP0394NW 1961 1:1,250	SP0394NE 1961 1:1,250

Historical Map - Segment A10



Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Ordnance Survey Plan

Published 1962

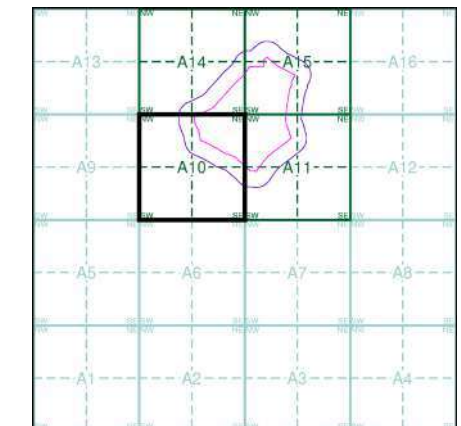
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Map Name(s) and Date(s)

SP0395
1962
1:2,500
SP0394
1962
1:2,500

Historical Map - Segment A10

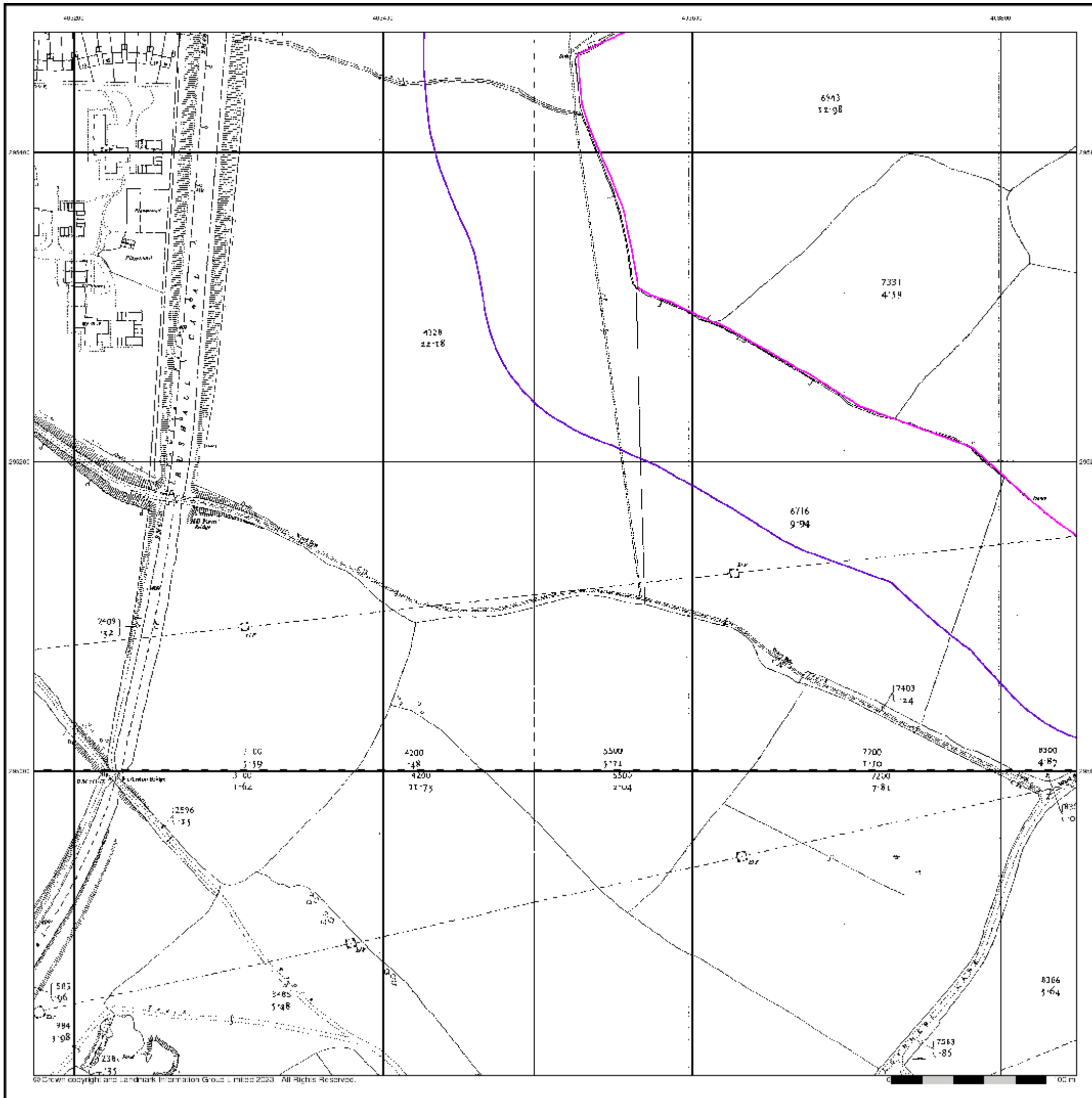


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1970 - 1972

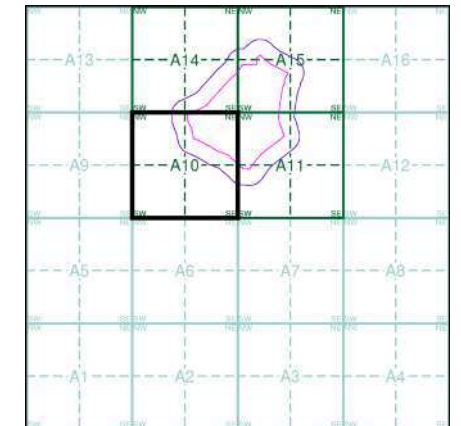
Source map scale - 1:1,250

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)

SP0395SE	1970	1:1,250
SP0394NW	1972	1:1,250
SP0394NE	1972	1:1,250

Historical Map - Segment A10

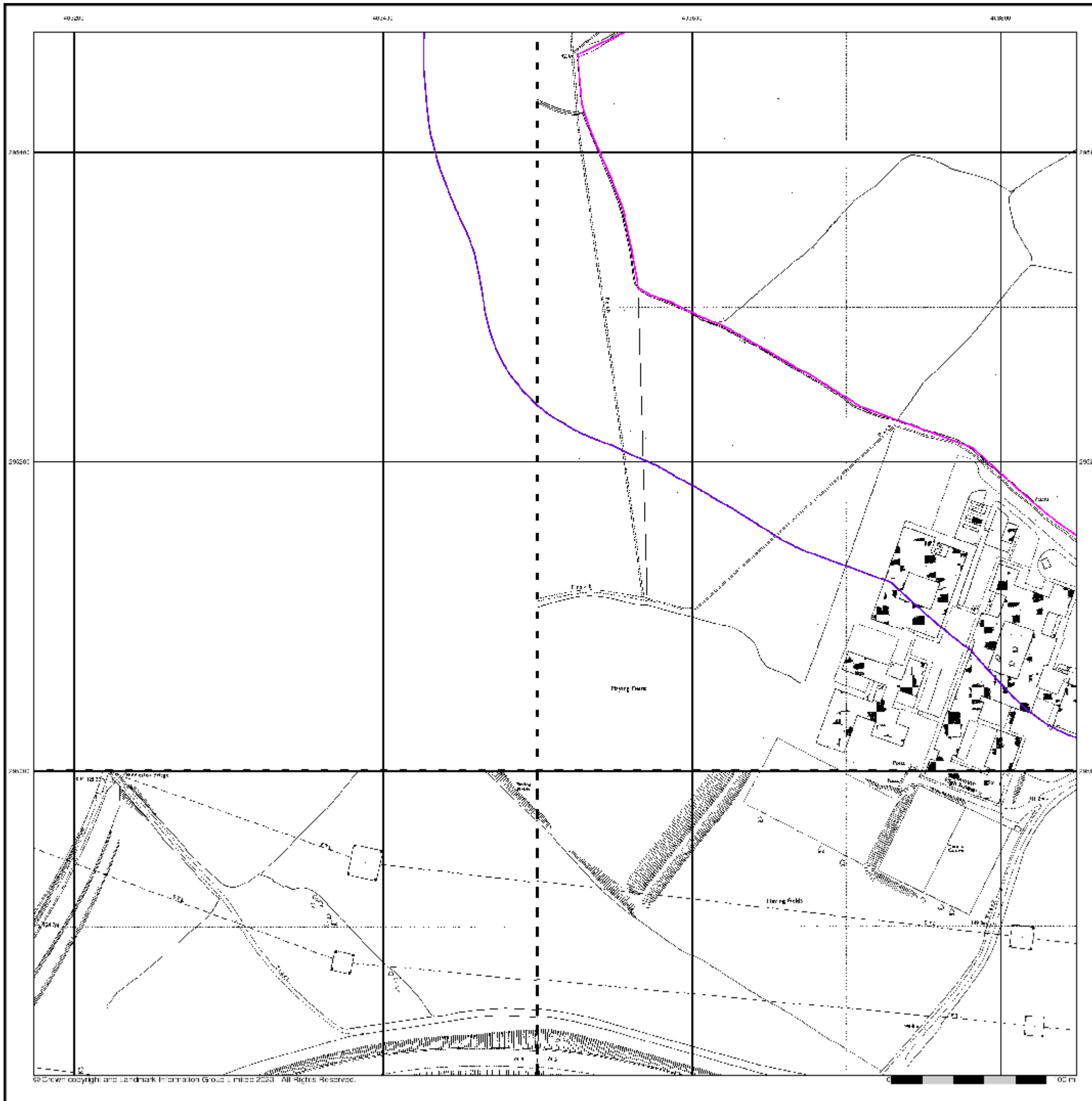


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



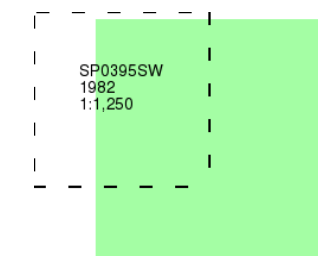
Additional SIMs

Published 1982

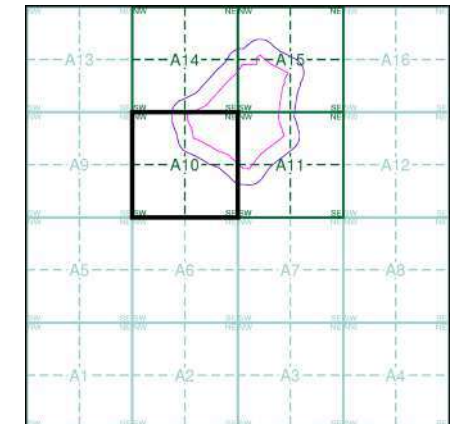
Source map scale - 1:1,250

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: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Large-Scale National Grid Data

Published 1992

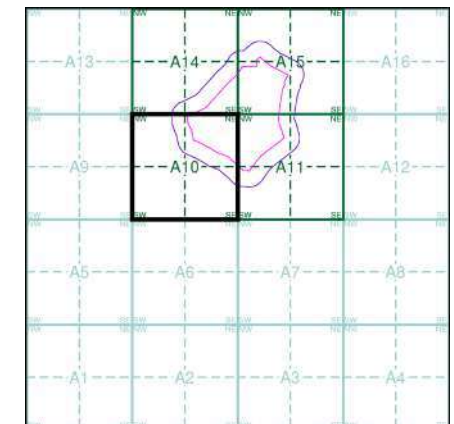
Source map scale - 1:1,250

'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)

SP0395SW 1992 1:1,250	SP0395SE 1992 1:1,250
SP0394NW 1992 1:1,250	SP0394NE 1992 1:1,250

Historical Map - Segment A10

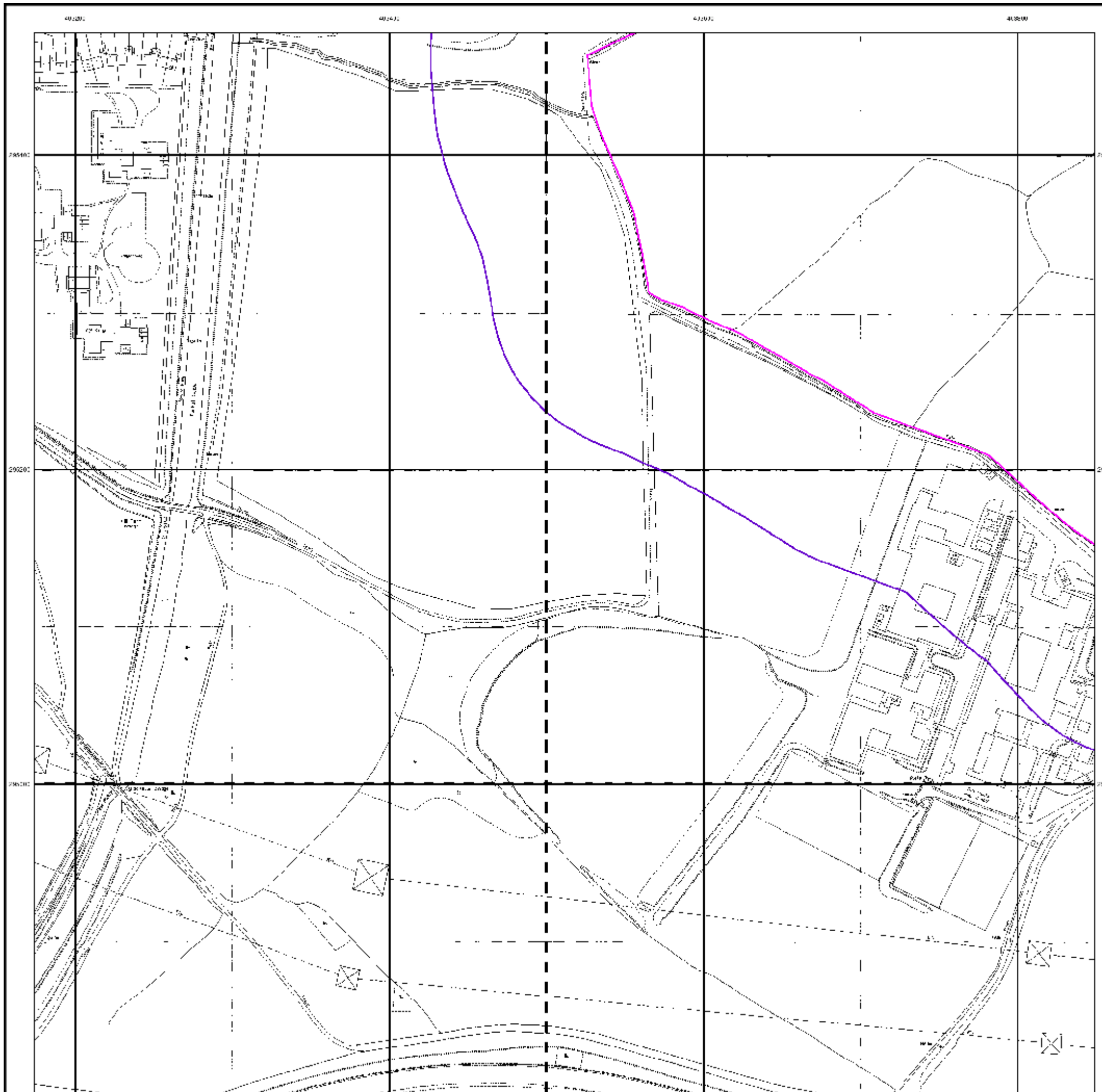


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

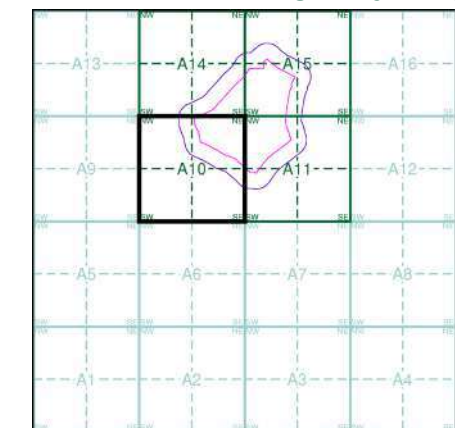


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A10



Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Historical Mapping Legends

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

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

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

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

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

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

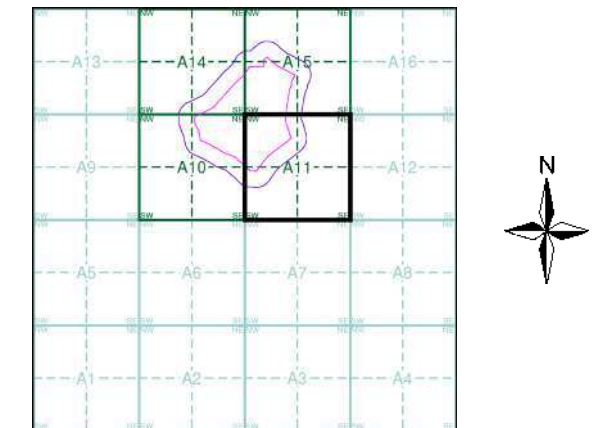
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1886	2
Staffordshire	1:2,500	1903	3
Staffordshire	1:2,500	1918	4
Staffordshire	1:2,500	1937	5
Ordnance Survey Plan	1:1,250	1960 - 1962	6
Ordnance Survey Plan	1:2,500	1962 - 1968	7
Ordnance Survey Plan	1:1,250	1968 - 1973	8
Ordnance Survey Plan	1:1,250	1975	9
Additional SIMs	1:1,250	1991	10
Large-Scale National Grid Data	1:1,250	1992	11
Historical Aerial Photography	1:2,500	1999	12

Historical Map - Segment A11



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

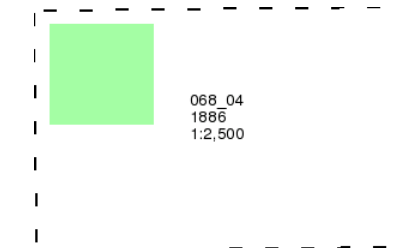
63 Peak House Road, BIRMINGHAM, B43 7RY

Landmark
INFORMATION GROUP

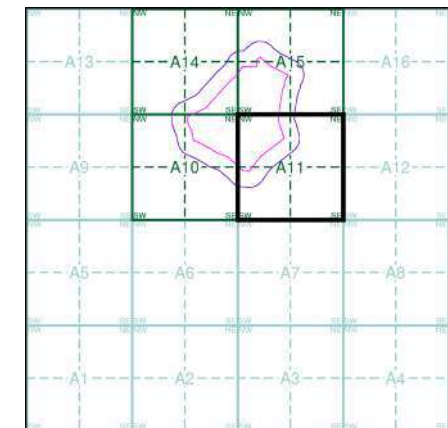
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A11

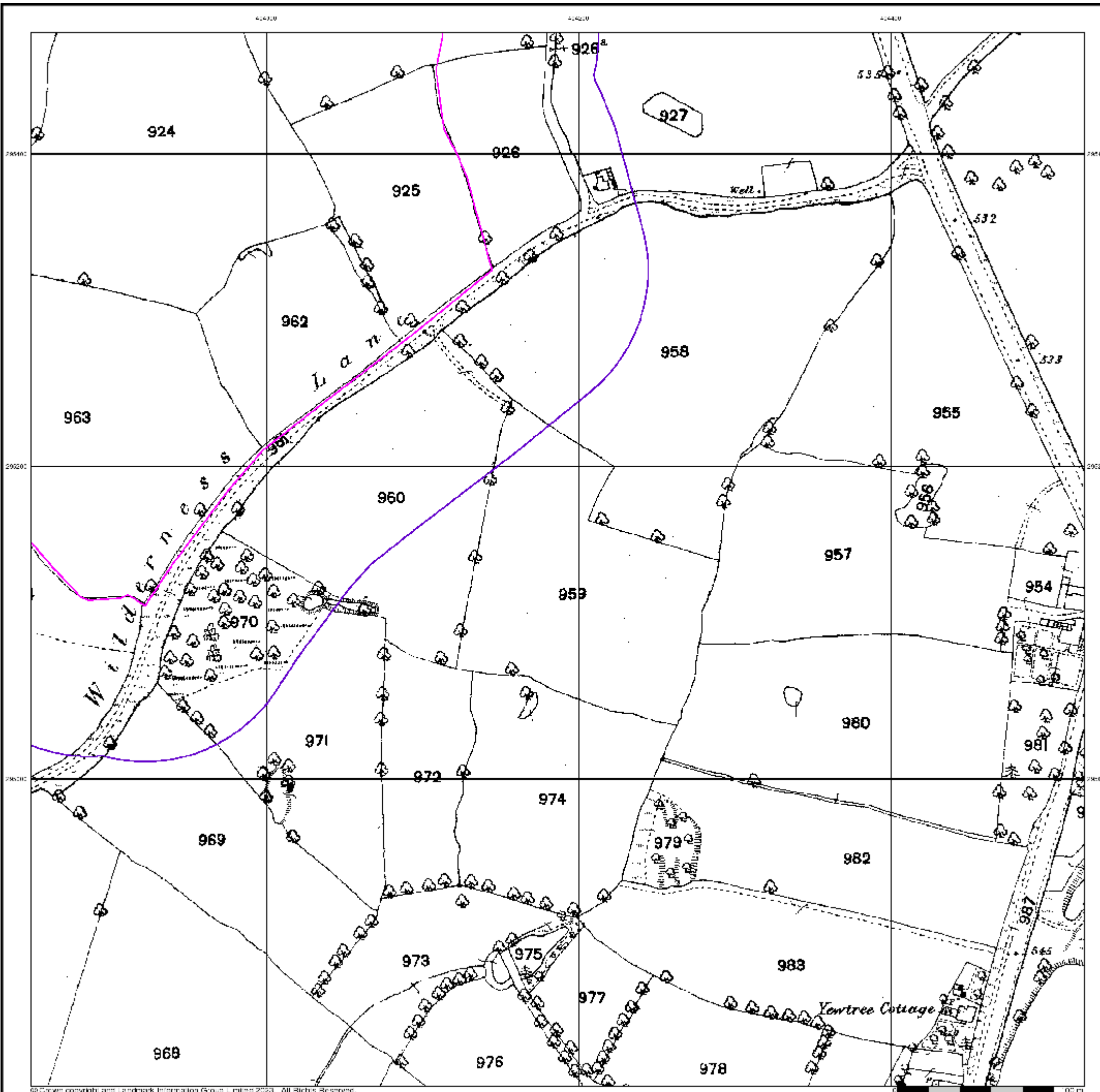


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

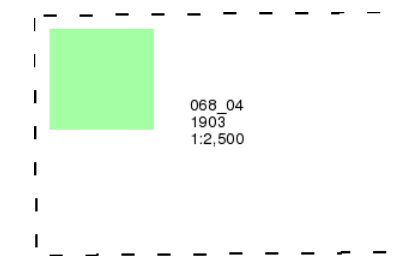
Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

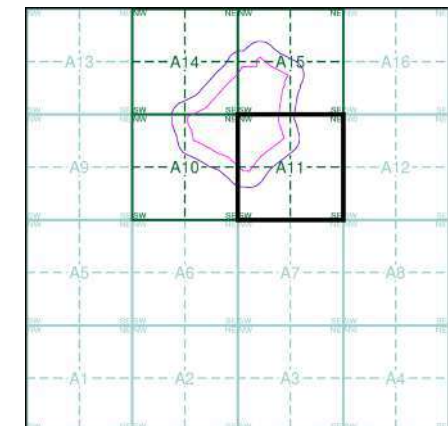


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

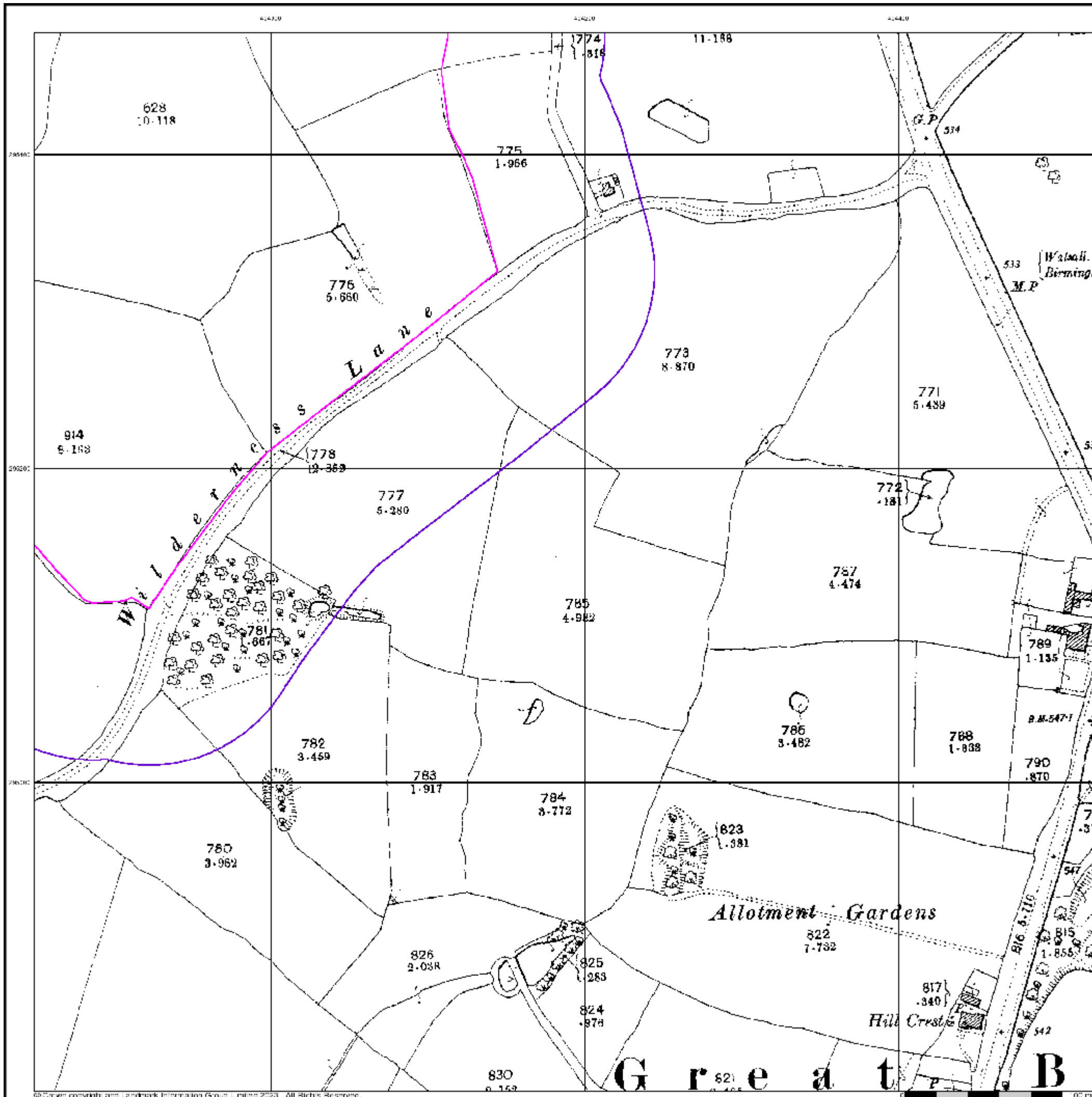


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



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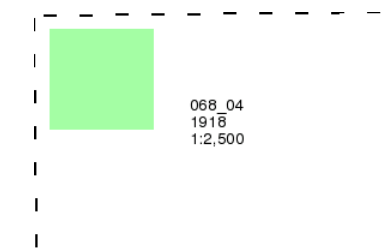
Staffordshire

Published 1918

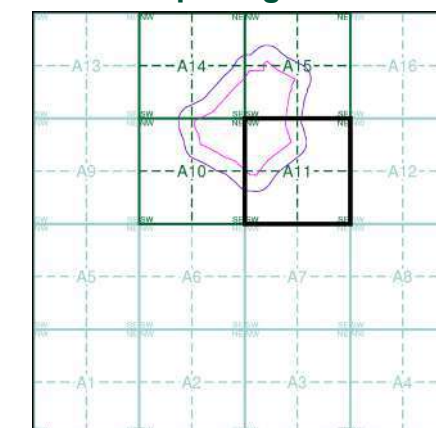
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

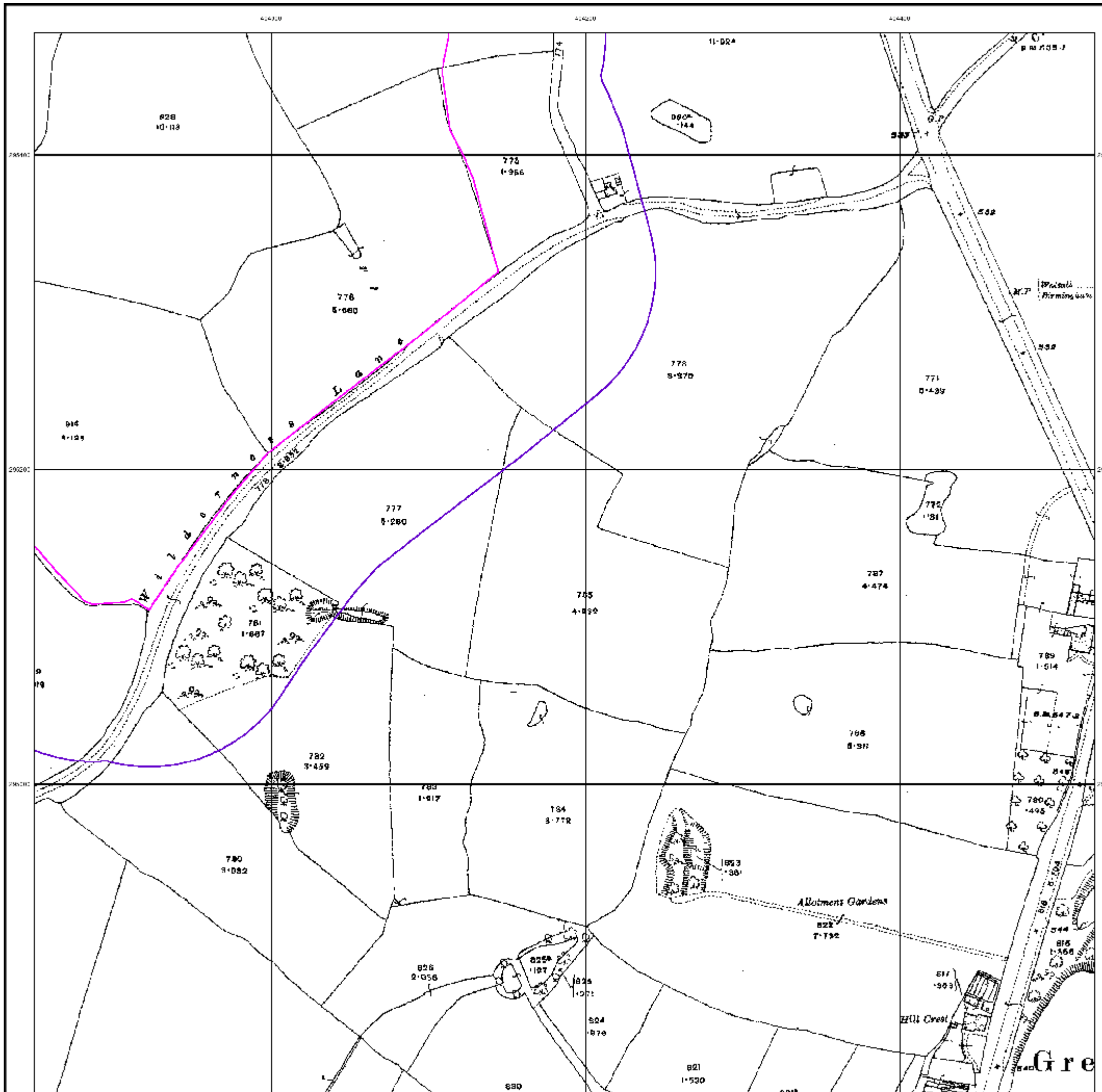


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

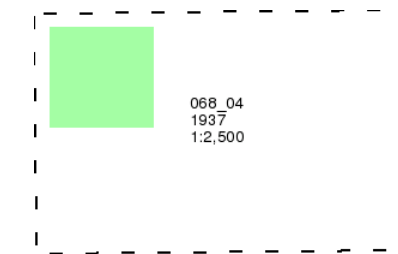
Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

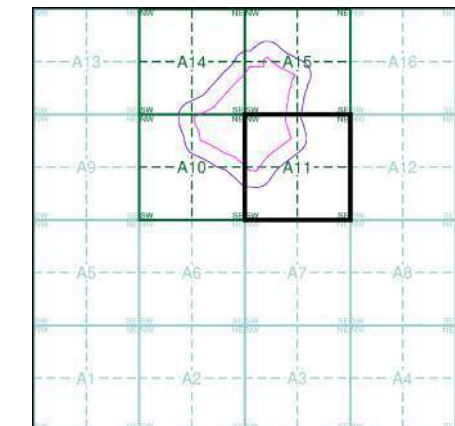


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

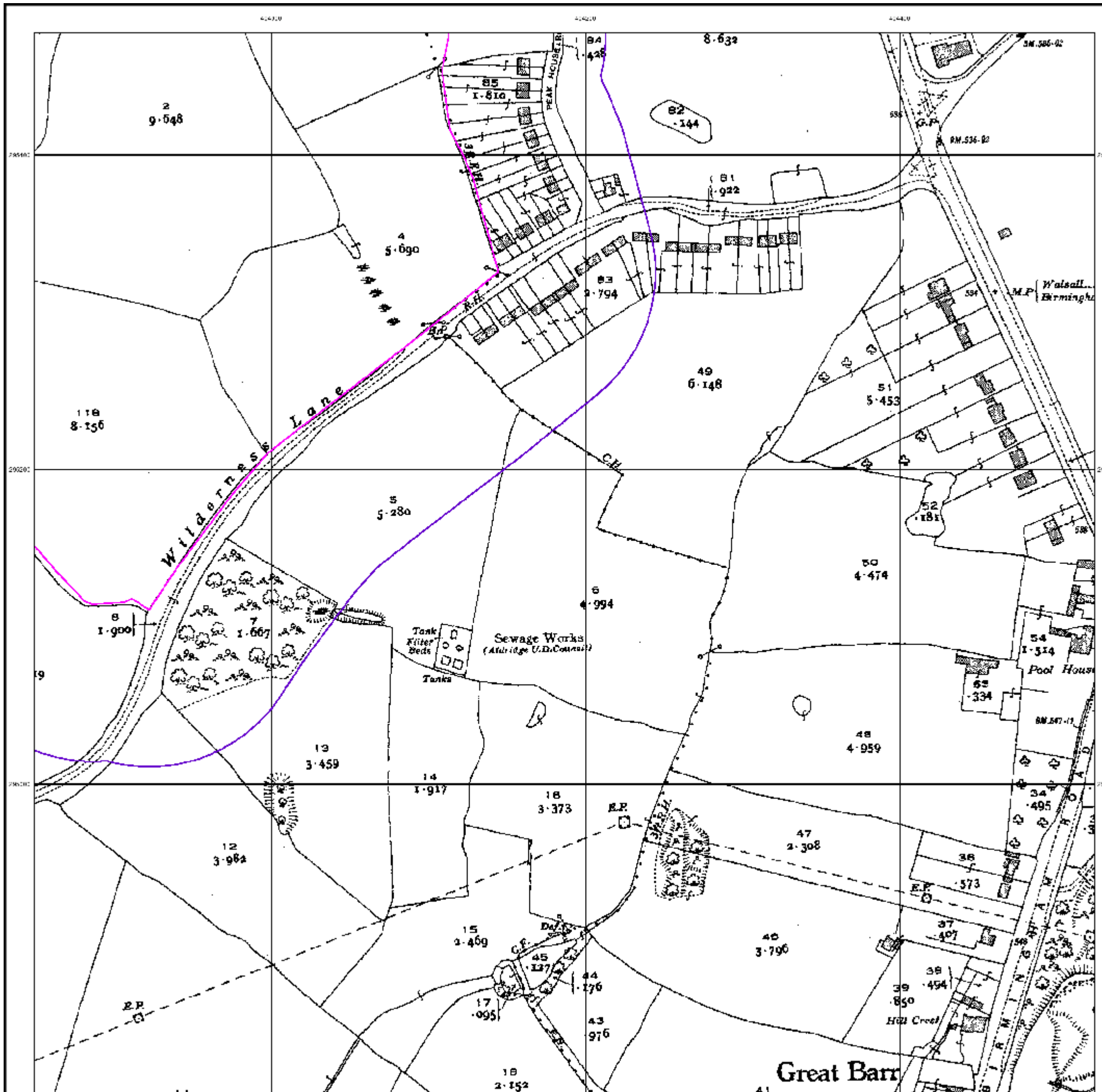


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1960 - 1962

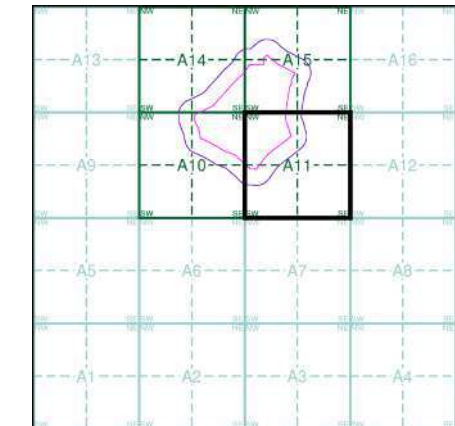
Source map scale - 1:1,250

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)

SP0395SE 1960 1:1,250	SP0495SW 1960 1:1,250	SP0495SE 1960 1:1,250
SP0394NE 1961 1:1,250	SP0494NW 1962 1:1,250	SP0494NE 1962 1:1,250

Historical Map - Segment A11

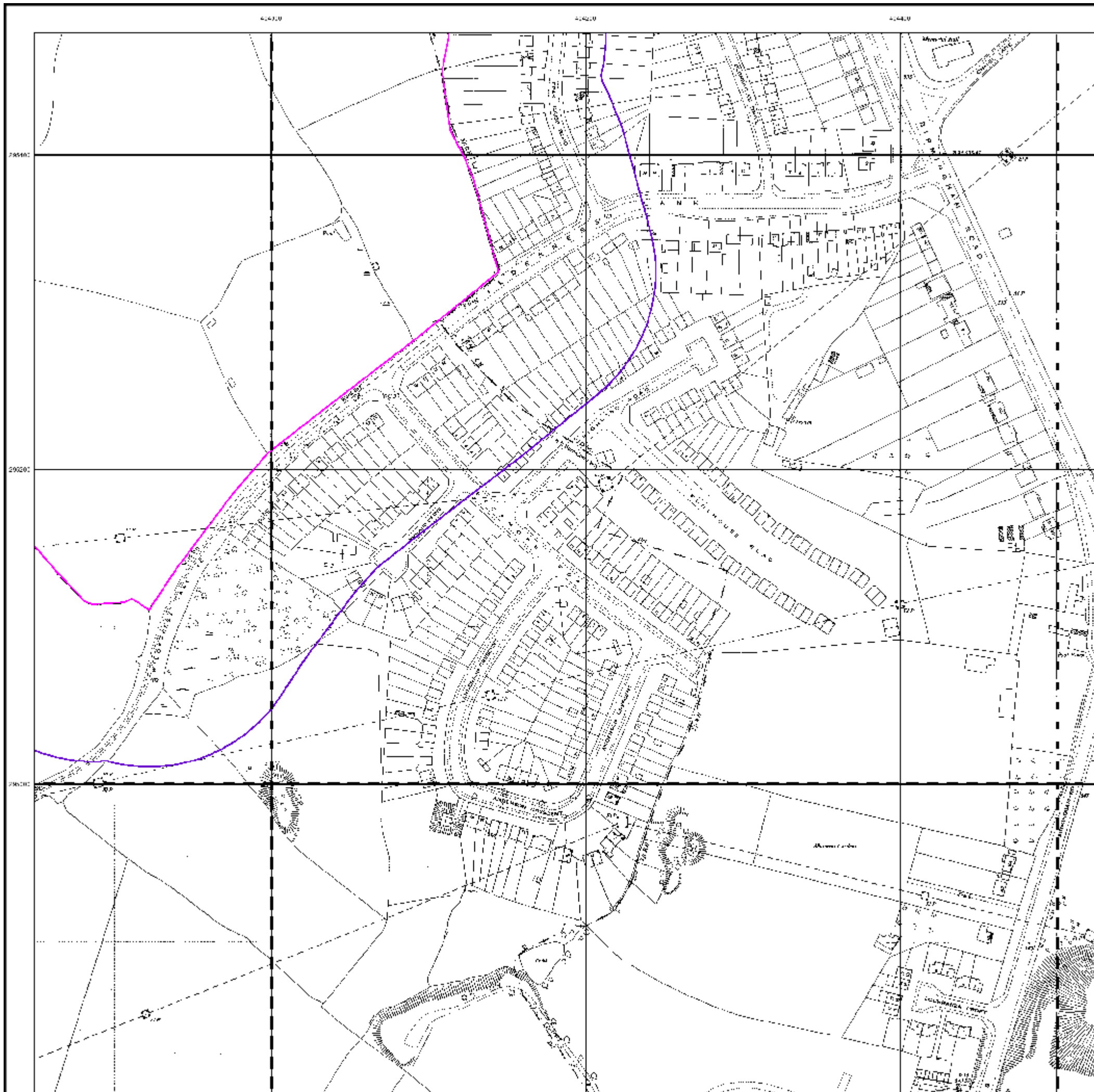


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1962 - 1968

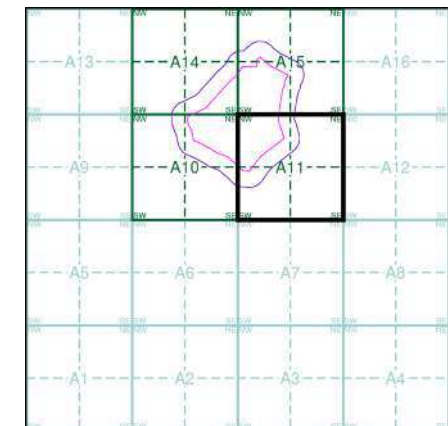
Source map scale - 1:2,500

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)

SP0395 1962 12,500	SP0495 1968 12,500
SP0394 1962 12,500	SP0494 1963 12,500

Historical Map - Segment A11

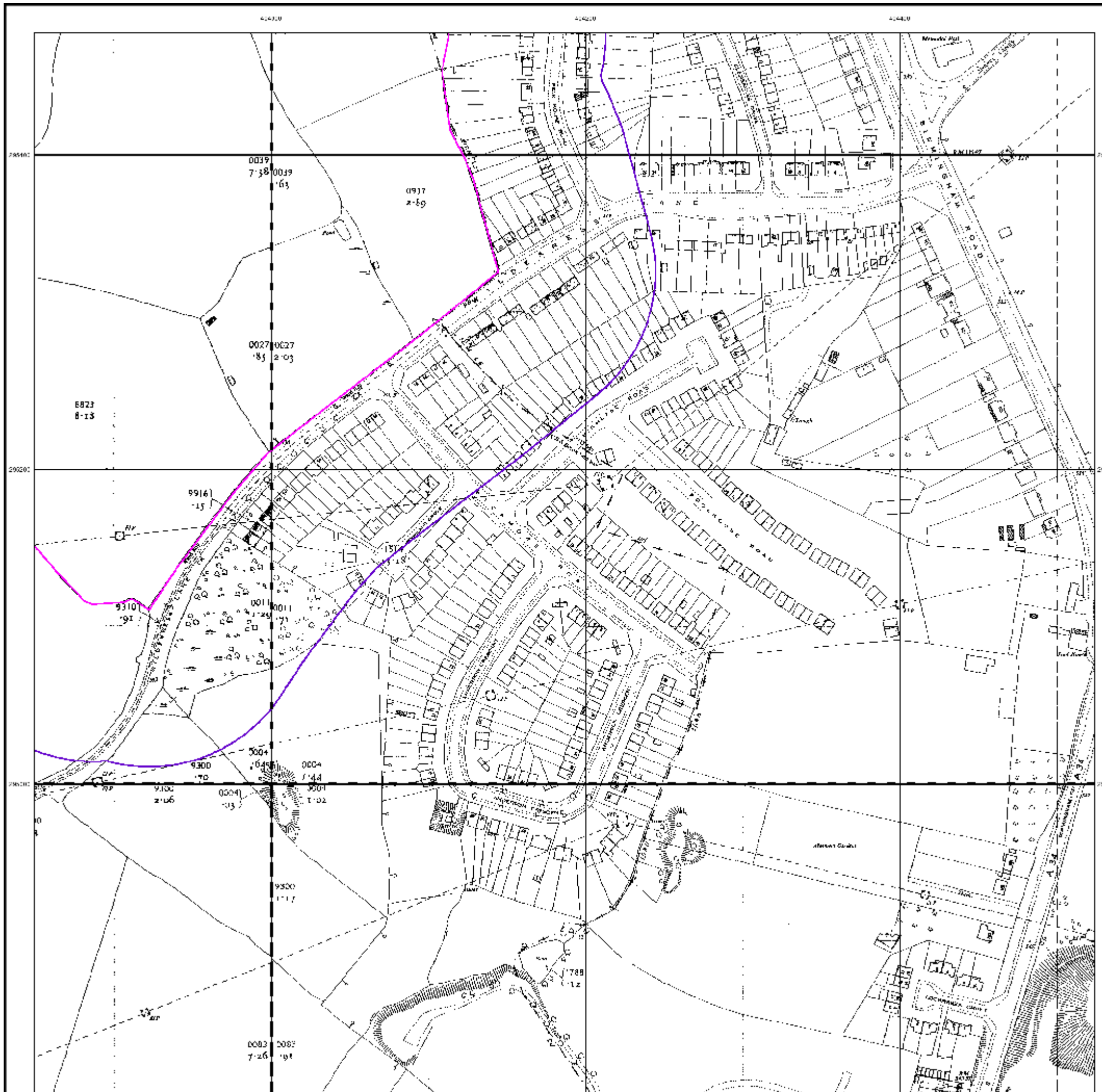


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1968 - 1973

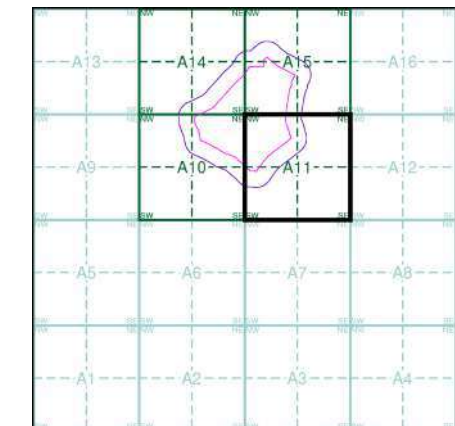
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SP0395SE 1970 1:1,250	SP0495SW 1968 1:1,250	SP0495SE 1973 1:1,250
SP0394NE 1972 1:1,250	SP0494NW 1972 1:1,250	SP0494NE 1972 1:1,250

Historical Map - Segment A11

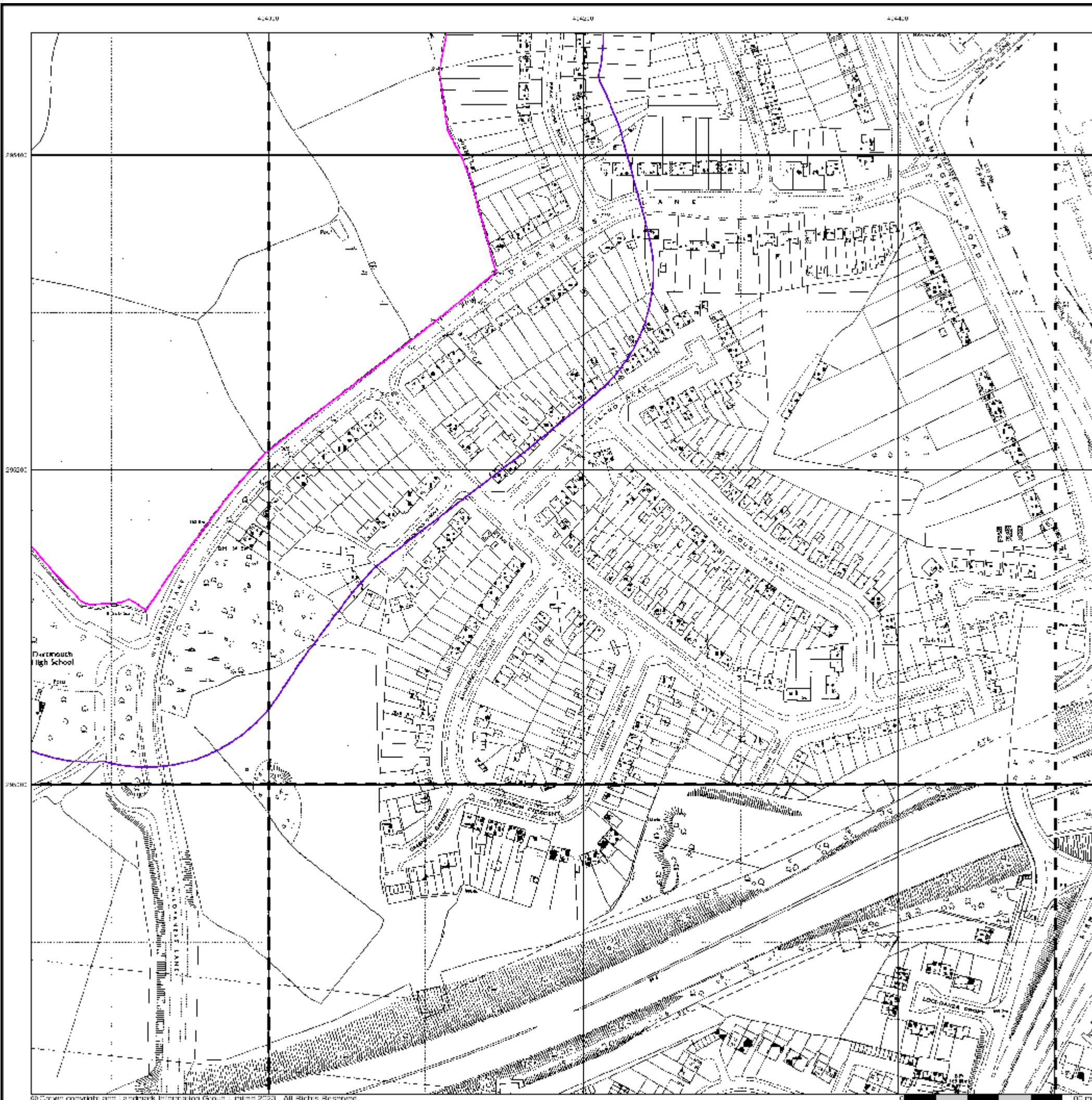


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



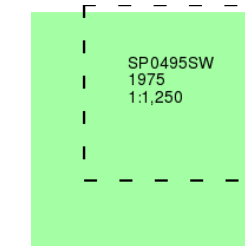
Ordnance Survey Plan

Published 1975

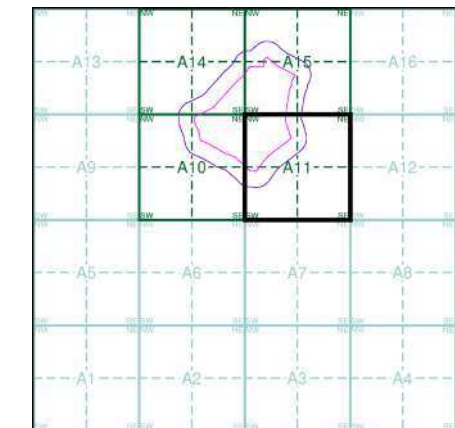
Source map scale - 1:1,250

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 A11

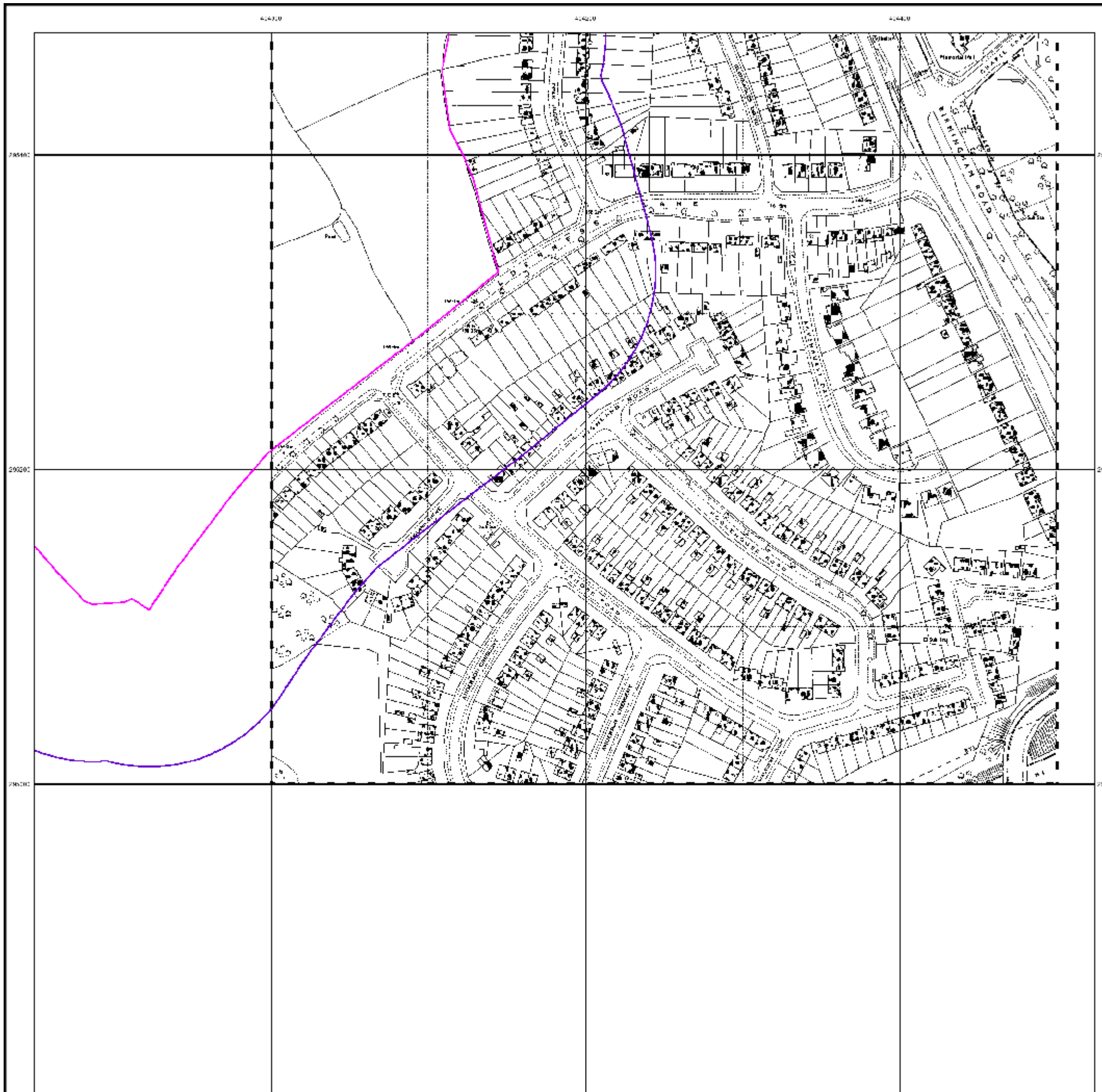


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



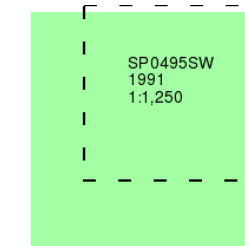
Additional SIMs

Published 1991

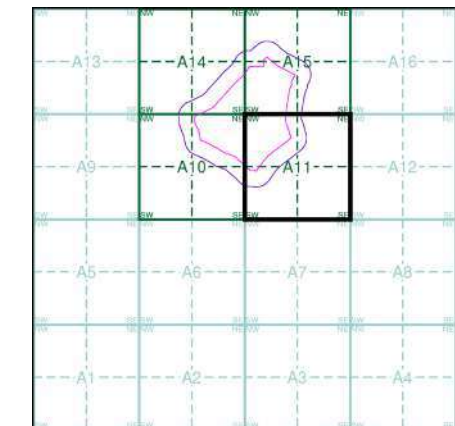
Source map scale - 1:1,250

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

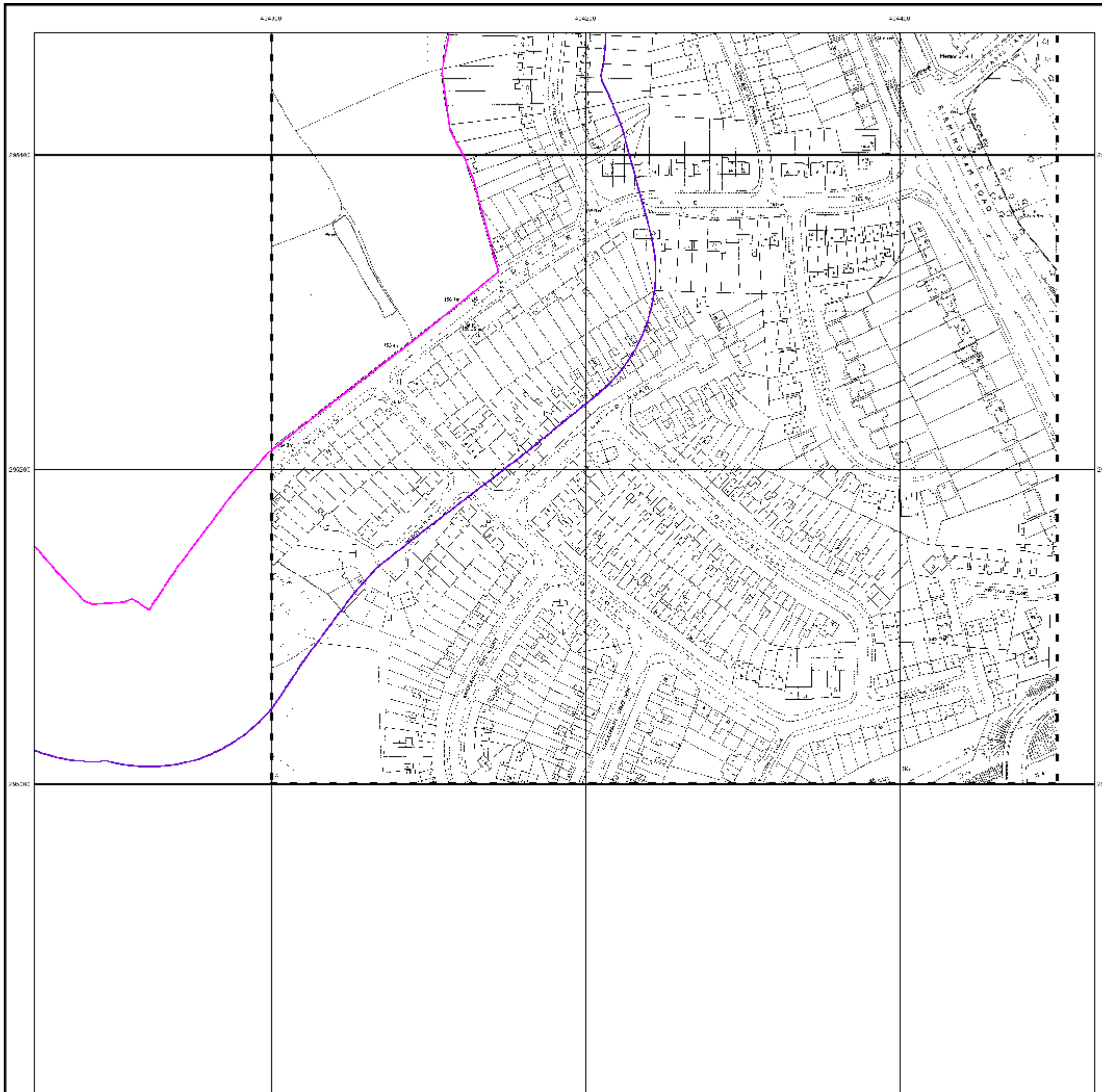


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Large-Scale National Grid Data

Published 1992

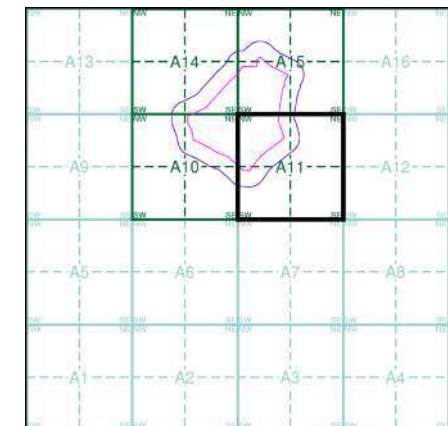
Source map scale - 1:1,250

'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)

SP0395SE 1992 1:1,250	SP0495SW 1992 1:1,250	SP0495SE 1992 1:1,250
SP0394NE 1992 1:1,250	SP0494NW 1992 1:1,250	SP0494NE 1992 1:1,250

Historical Map - Segment A11

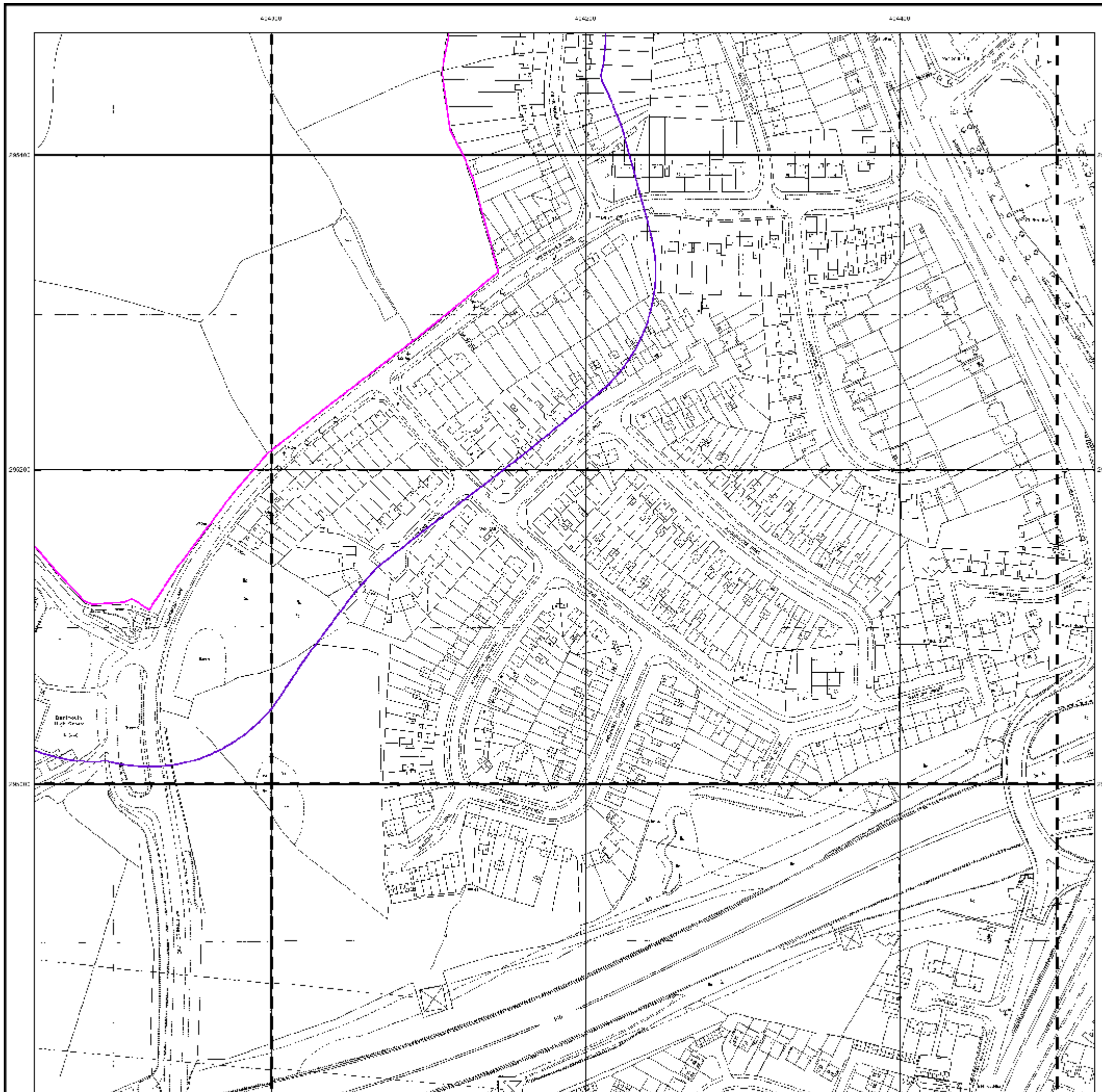


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

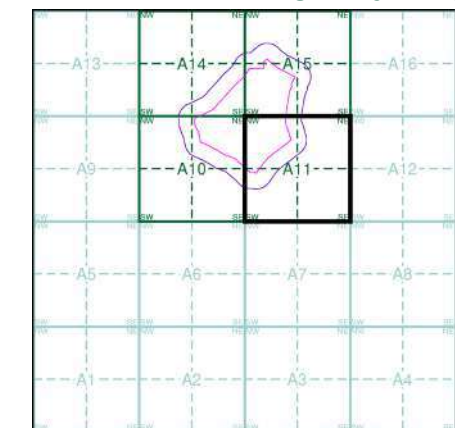


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A11

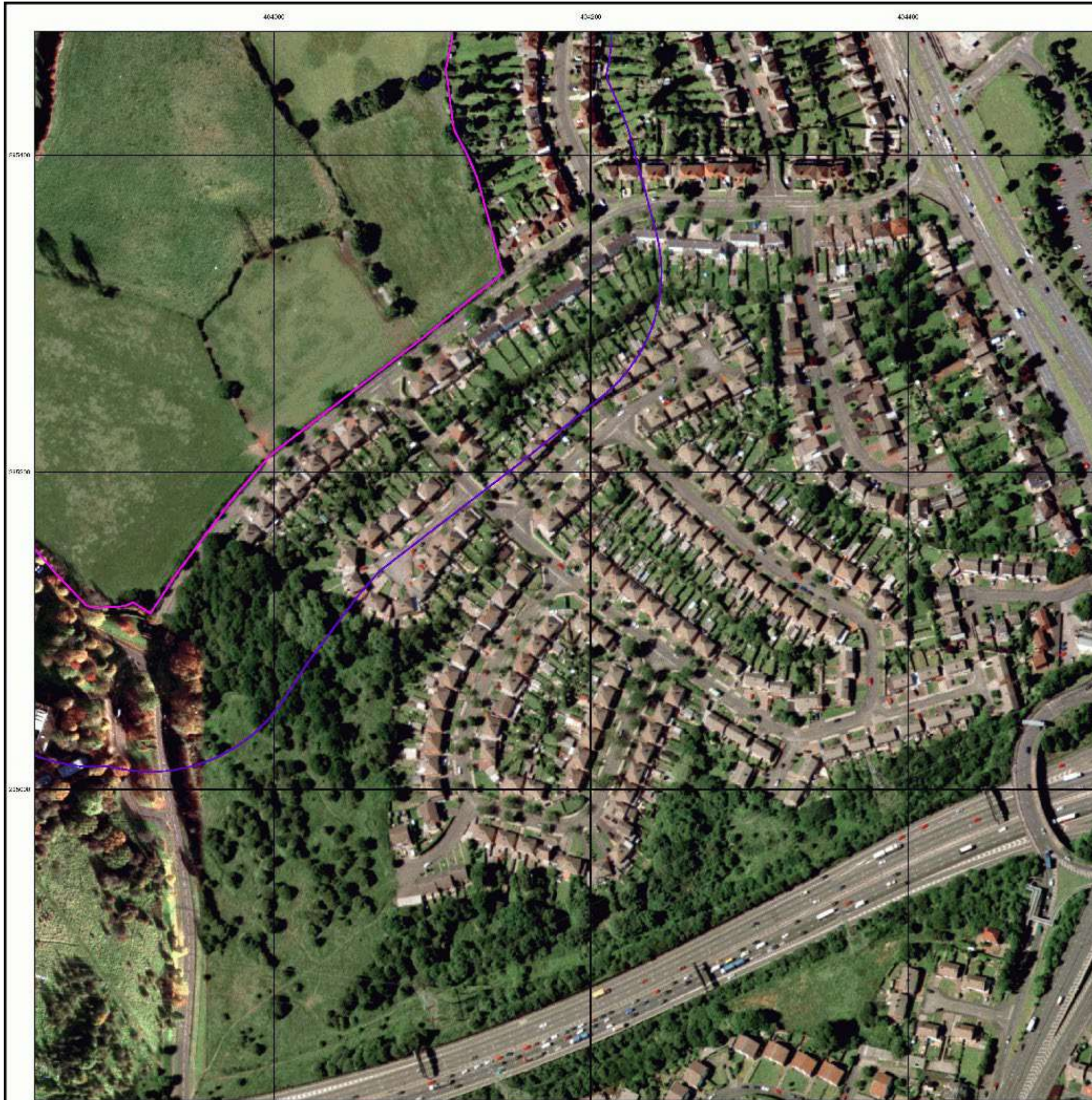


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Historical Mapping Legends

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

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

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

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

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

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

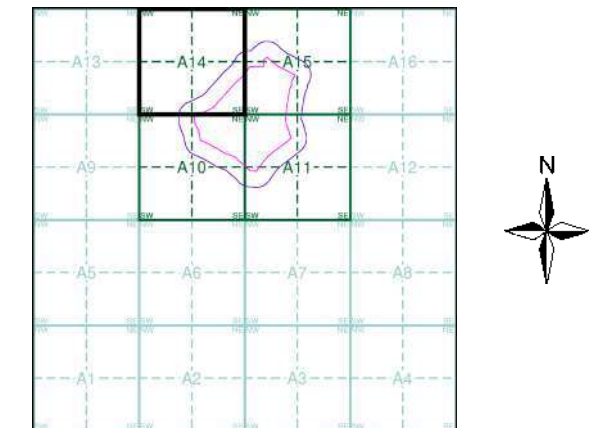
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1886	2
Staffordshire	1:2,500	1903 - 1904	3
Staffordshire	1:2,500	1914 - 1918	4
Staffordshire	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:1,250	1960	6
Ordnance Survey Plan	1:2,500	1962	7
Ordnance Survey Plan	1:1,250	1970 - 1971	8
Additional SIMs	1:1,250	1978 - 1982	9
Additional SIMs	1:1,250	1987	10
Large-Scale National Grid Data	1:1,250	1992	11
Historical Aerial Photography	1:2,500	1999	12

Historical Map - Segment A14



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Landmark
INFORMATION GROUP

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

Staffordshire

Published 1886

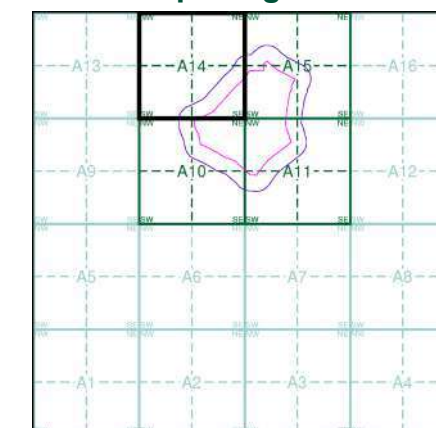
Source map scale - 1:2,500

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)

063_15 1886 1:2,500	063_16 1886 1:2,500
068_03 1886 1:2,500	068_04 1886 1:2,500

Historical Map - Segment A14

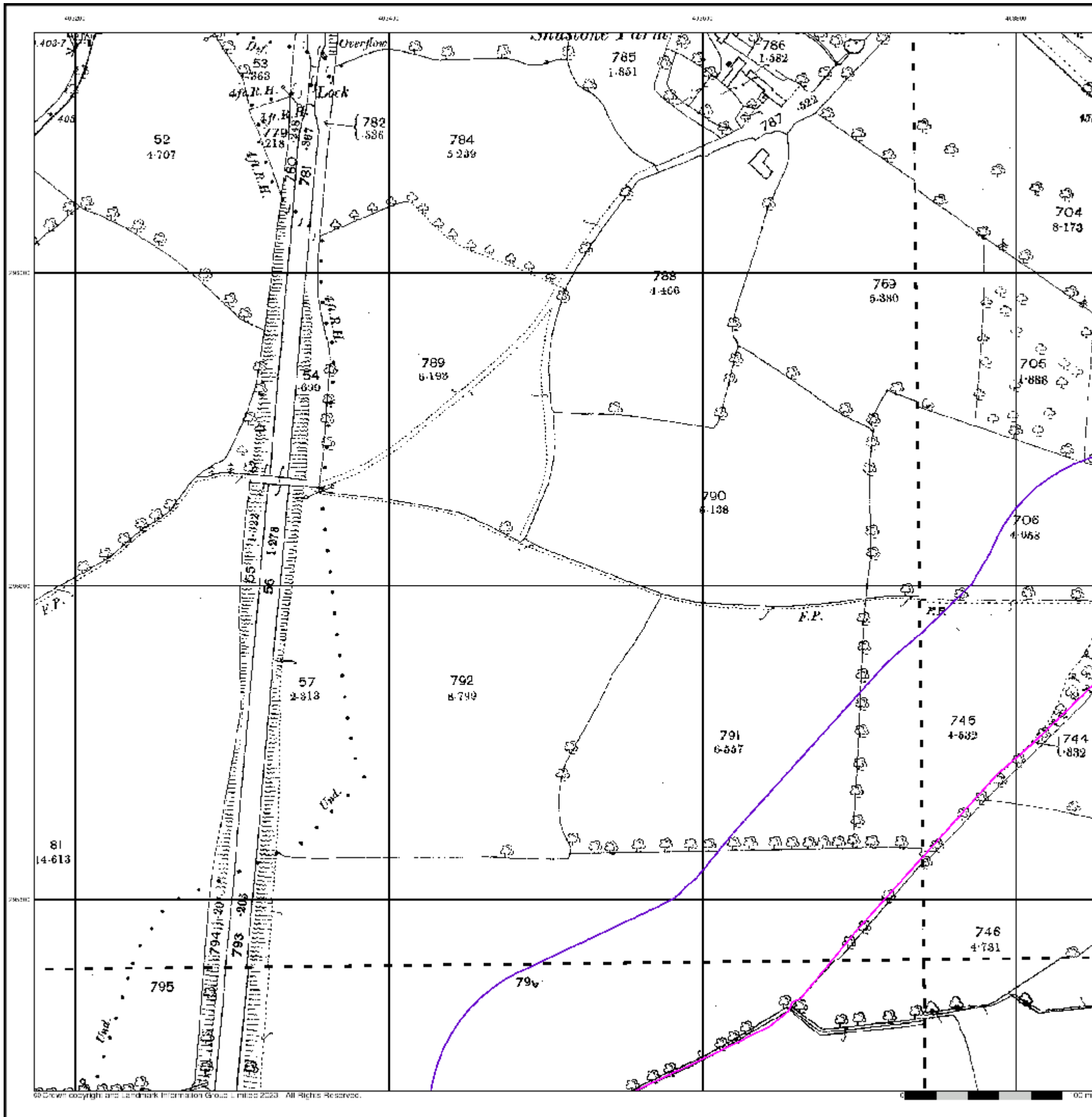


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Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Staffordshire

Published 1903 - 1904

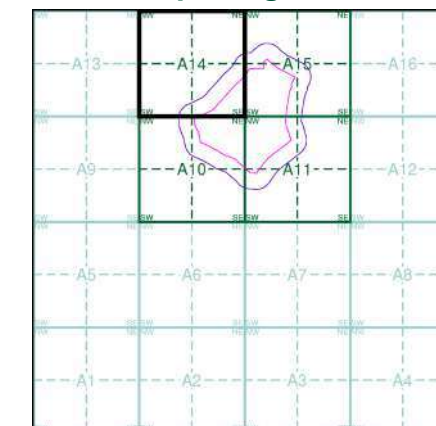
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

063_15 1903 1:2,500	063_16 1903 1:2,500
068_03 1904 1:2,500	068_04 1903 1:2,500

Historical Map - Segment A14

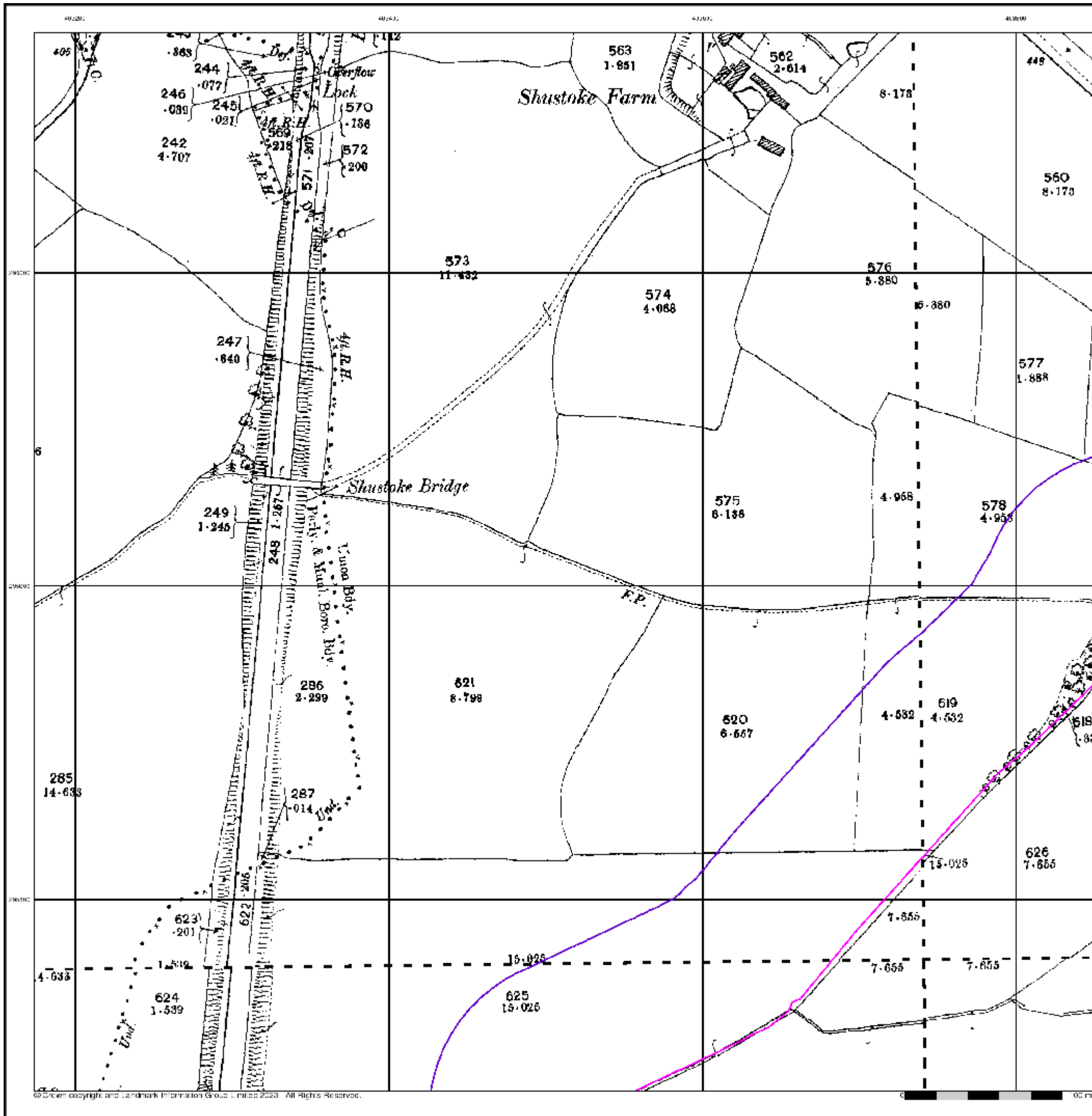


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 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Staffordshire

Published 1914 - 1918

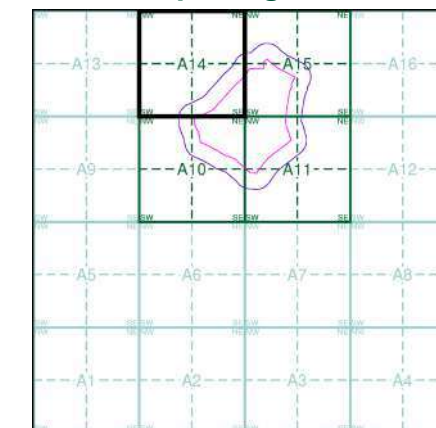
Source map scale - 1:2,500

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)

063_15 1914 1:2,500	063_16 1914 1:2,500
068_03 1918 1:2,500	068_04 1918 1:2,500

Historical Map - Segment A14

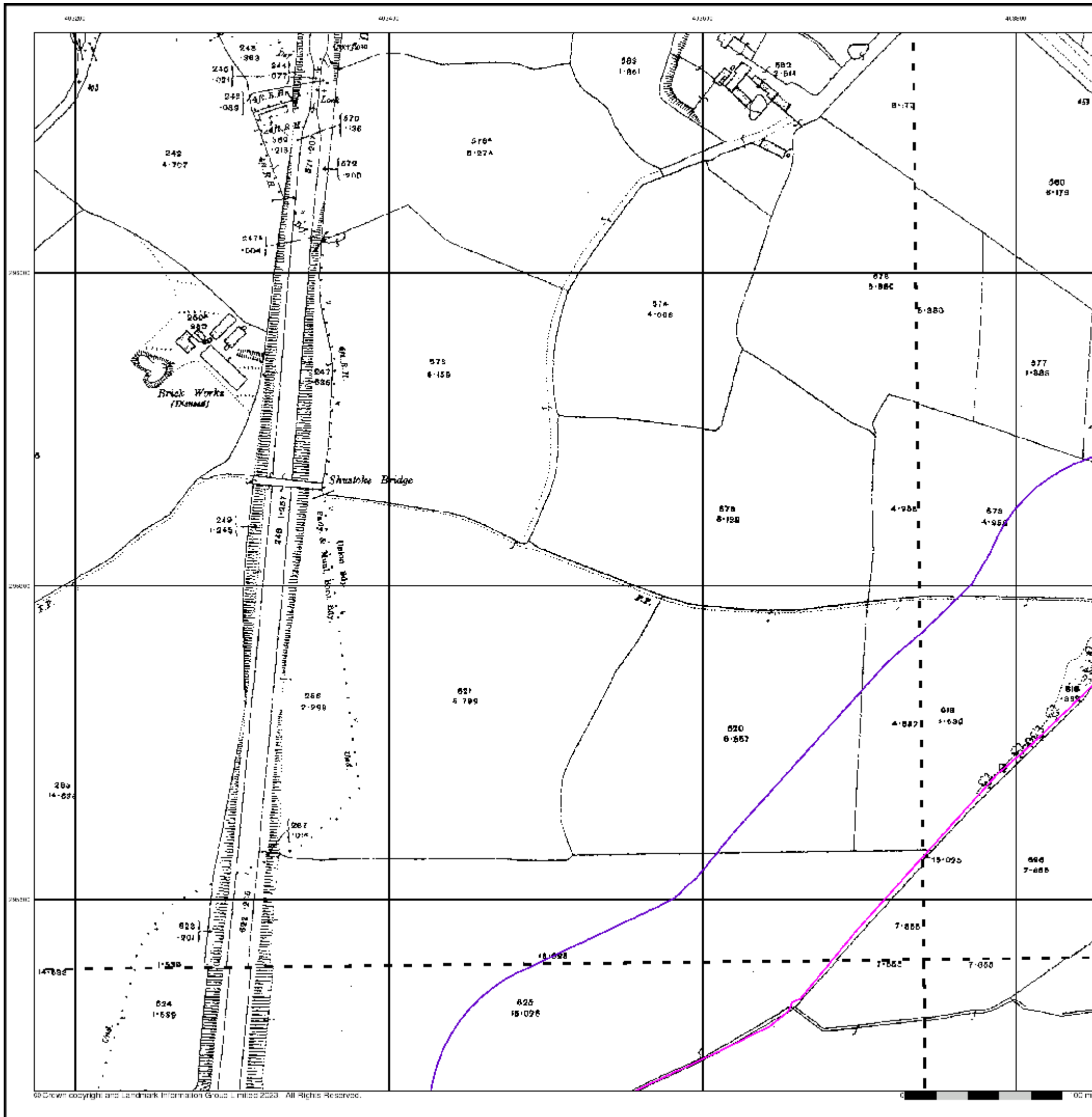


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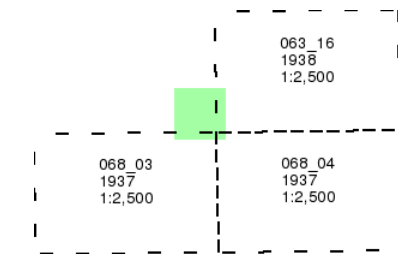
Staffordshire

Published 1937 - 1938

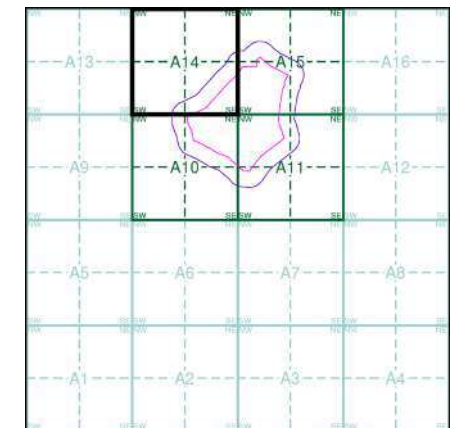
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14

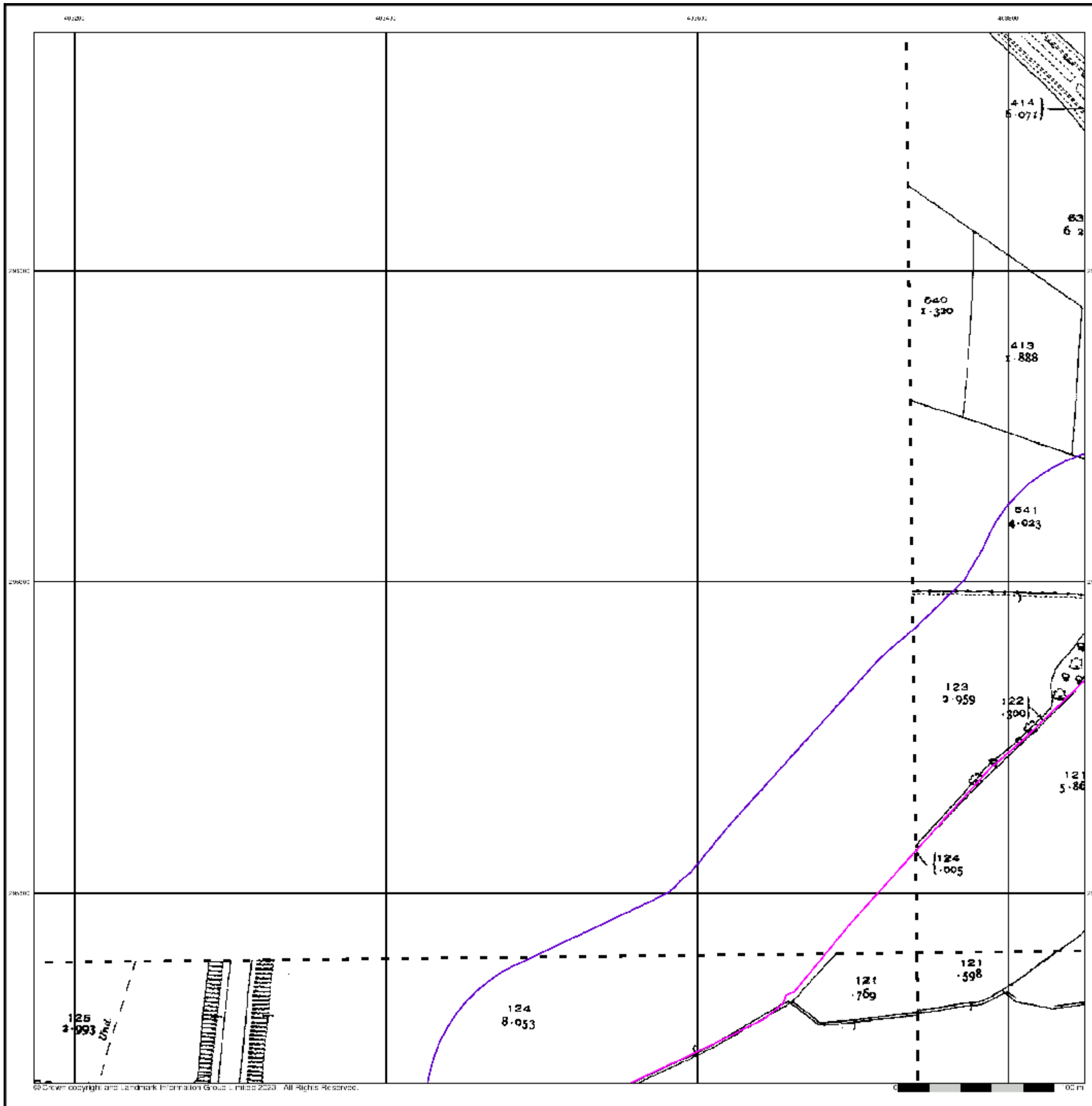


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Ordnance Survey Plan

Published 1960

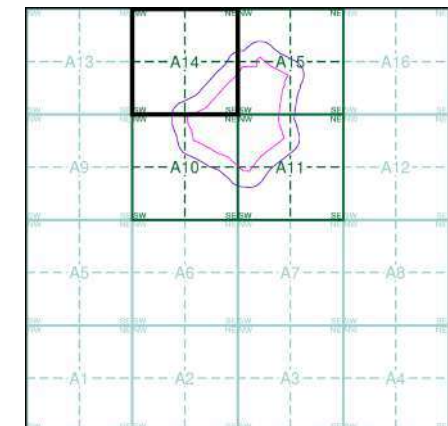
Source map scale - 1:1,250

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)

P0396SW	P0396SE
960	960
1:1,250	1:1,250
P0395NW	P0395NE
960	960
1:1,250	1:1,250
P0395SW	P0395SE
960	960
1:1,250	1:1,250

Historical Map - Segment A14



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63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1962

Source map scale - 1:2,500

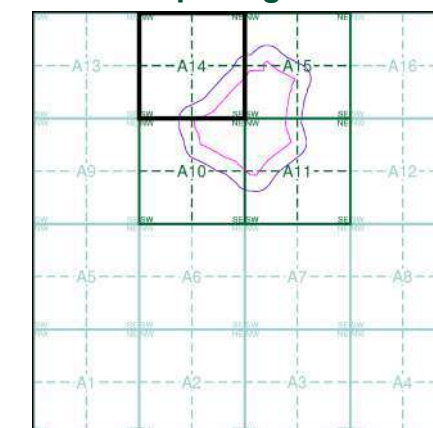
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SP0396
1962
1:2,500

SP0395
1962
1:2,500

Historical Map - Segment A14

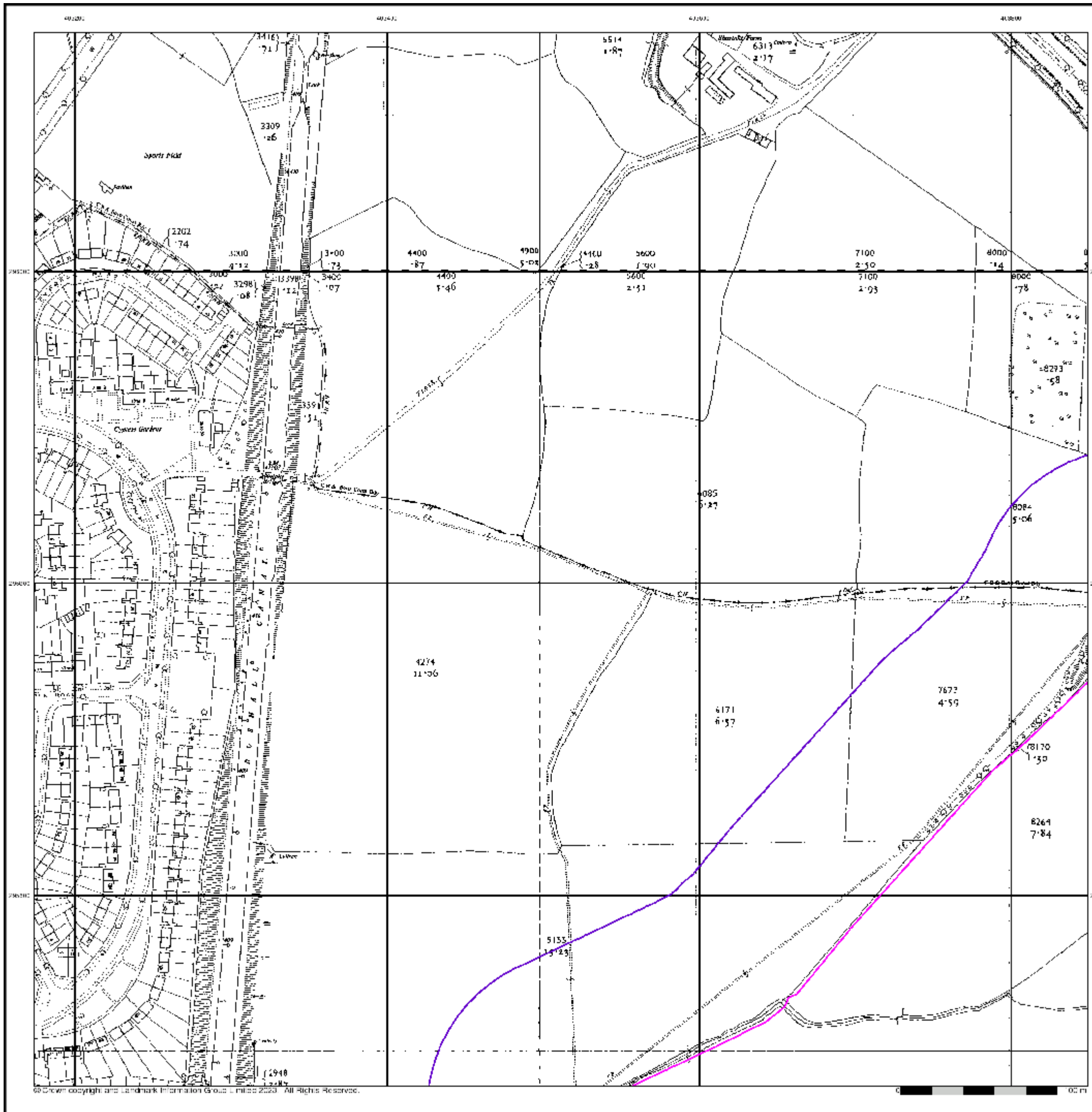


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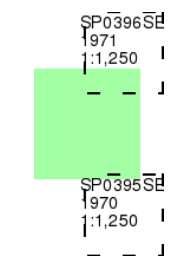
Ordnance Survey Plan

Published 1970 - 1971

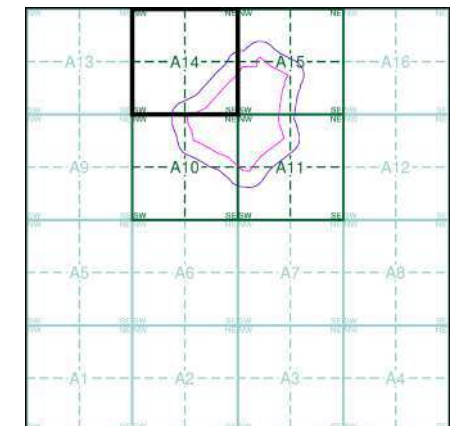
Source map scale - 1:1,250

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 A14

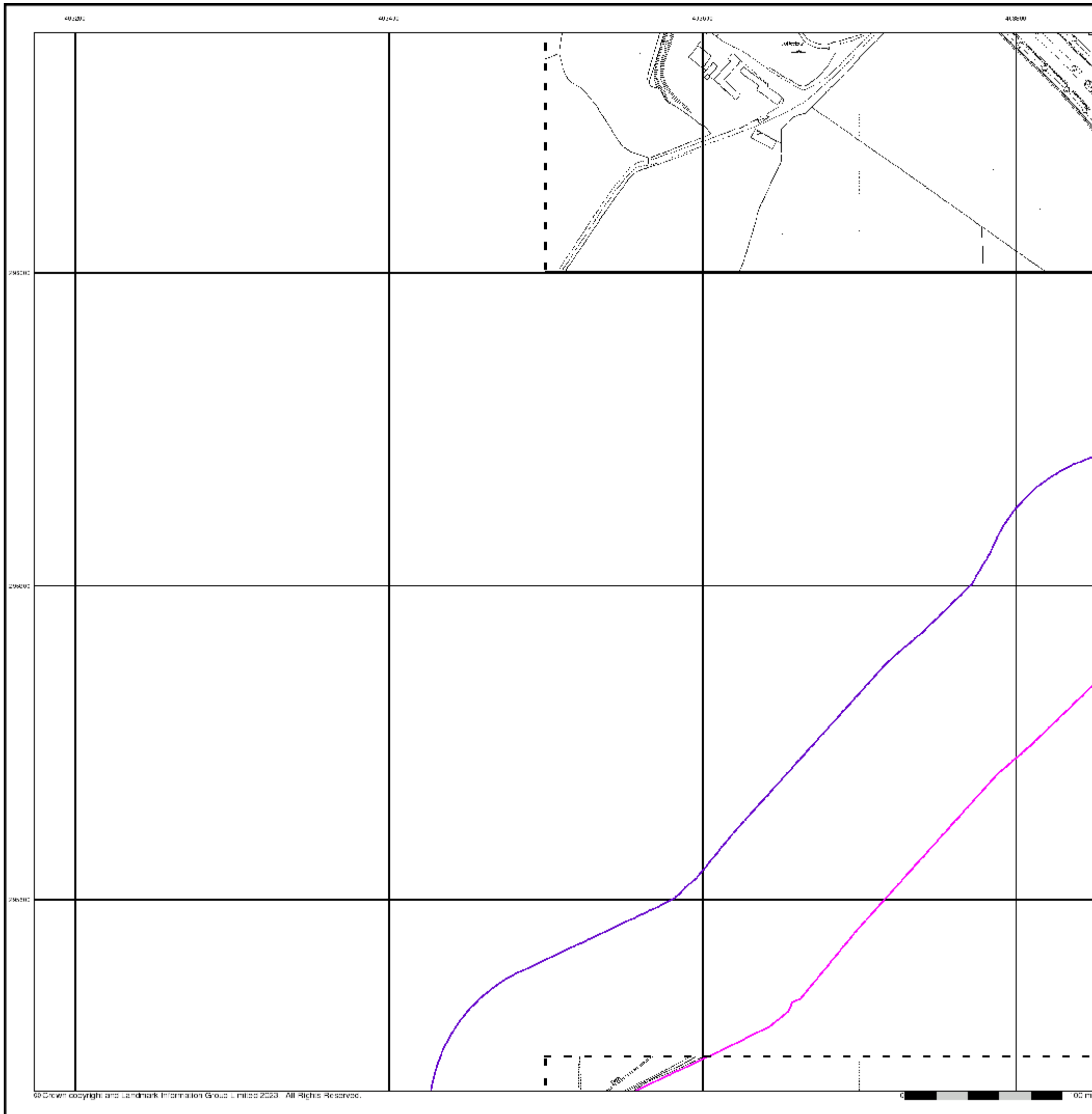


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63 Peak House Road, BIRMINGHAM, B43 7RY



Additional SIMs

Published 1978 - 1982

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.

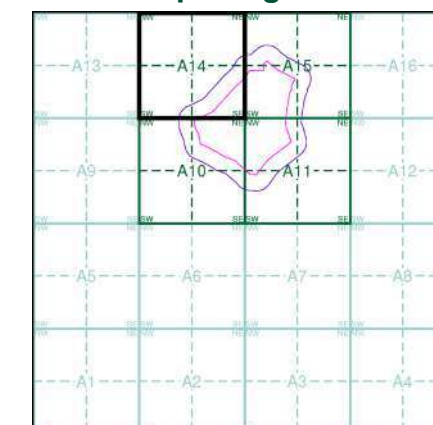
Map Name(s) and Date(s)

IP0396SW
979
1:1,250

BP0395NE
1978
1:1,250

IP0395SW
982
1:1,250

Historical Map - Segment A14



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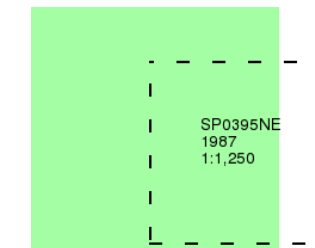
Additional SIMs

Published 1987

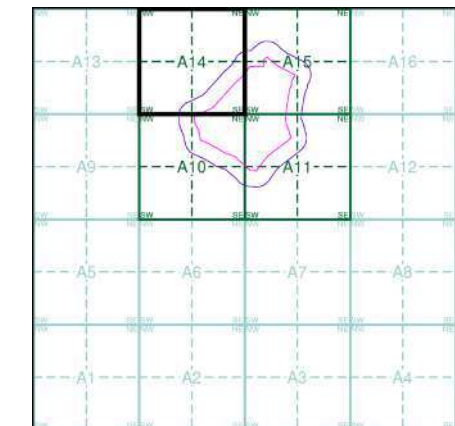
Source map scale - 1:1,250

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Map Name(s) and Date(s)



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Large-Scale National Grid Data

Published 1992

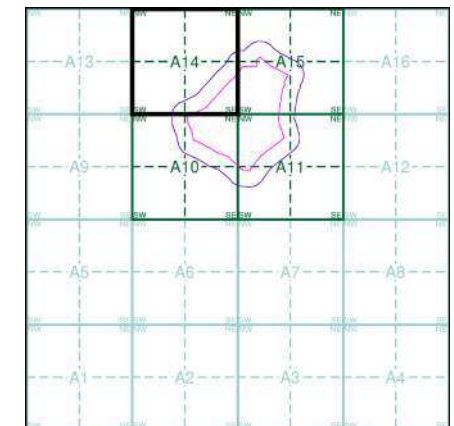
Source map scale - 1:1,250

'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)

IP0396SWP0396SE	1992	1:1,250
IP0395NWP0395NE	1992	1:1,250
IP0395SWP0395SE	1992	1:1,250

Historical Map - Segment A14

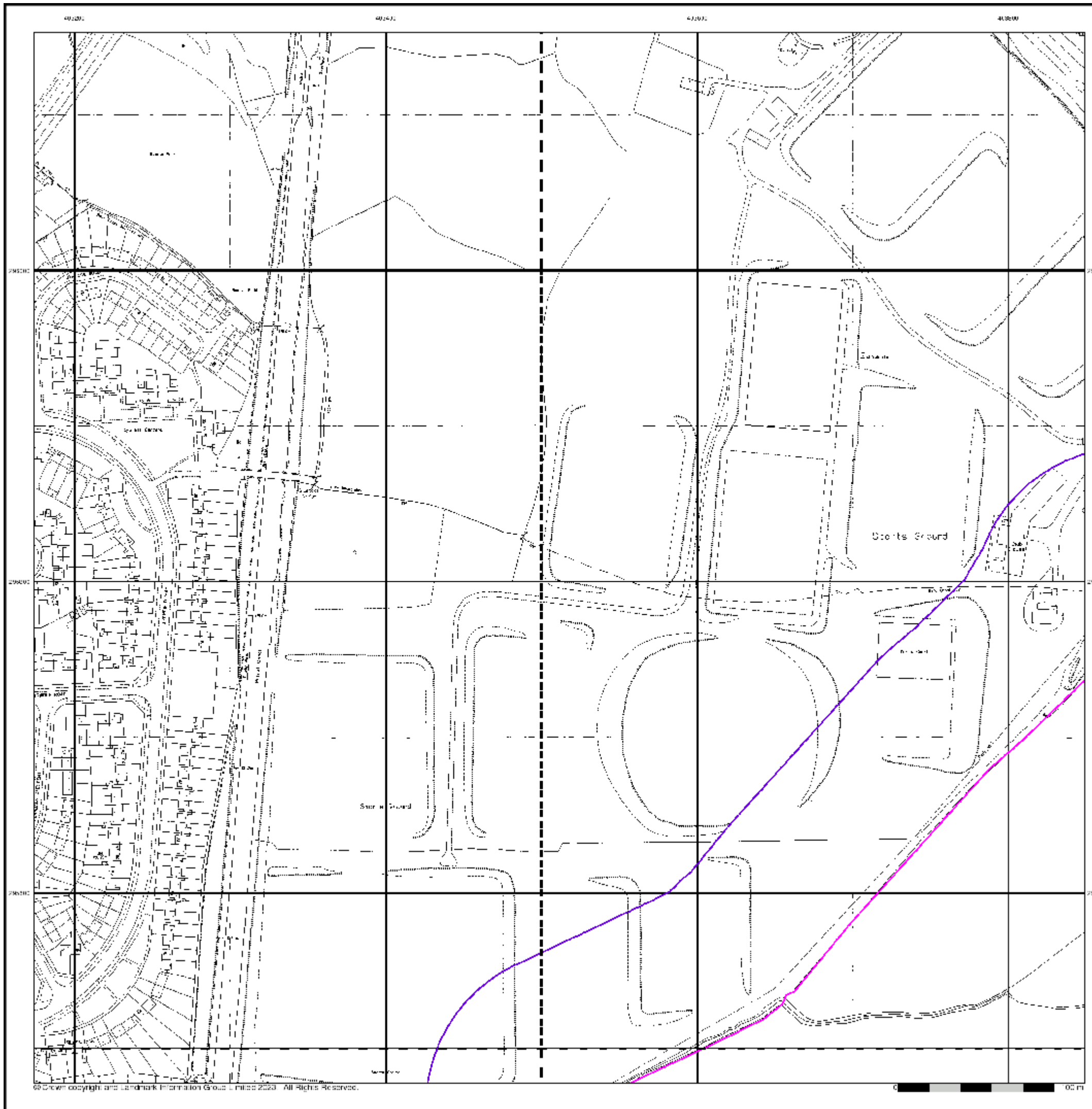


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63 Peak House Road, BIRMINGHAM, B43 7RY



403820

403400

403000

403800

Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

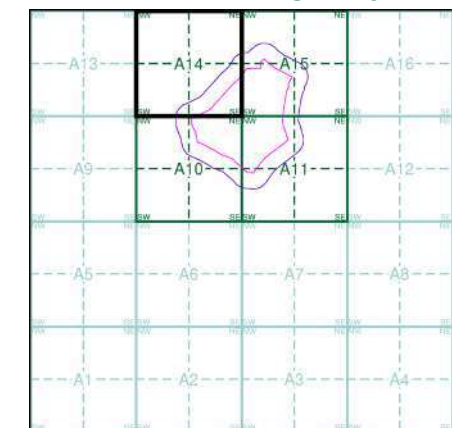
This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain



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0 50 100 m

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Landmark®
 INFORMATION GROUP

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Historical Mapping Legends

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

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Co. Boro. Bdy.
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F.P. Foot Path **Sp.** Spring
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Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

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County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
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FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff **Slopes** **Top**
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B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
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District boundary
County boundary
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Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
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Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

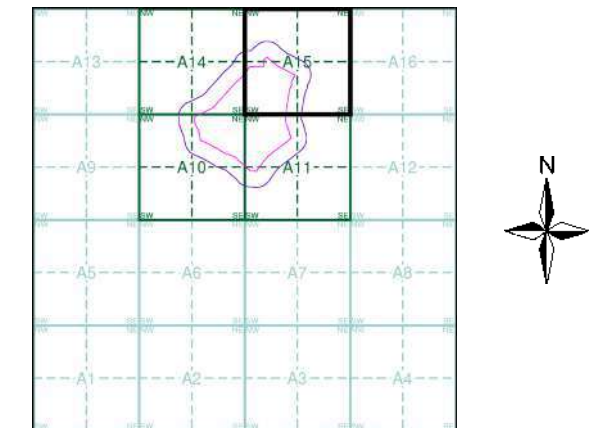
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1886	2
Staffordshire	1:2,500	1903	3
Staffordshire	1:2,500	1914 - 1918	4
Staffordshire	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:1,250	1960	6
Ordnance Survey Plan	1:2,500	1962 - 1968	7
Ordnance Survey Plan	1:1,250	1968 - 1978	8
Ordnance Survey Plan	1:1,250	1975	9
Additional SIMs	1:1,250	1978 - 1991	10
Additional SIMs	1:1,250	1987	11
Large-Scale National Grid Data	1:1,250	1992	12
Historical Aerial Photography	1:2,500	1999	13

Historical Map - Segment A15



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Landmark
INFORMATION GROUP

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

Staffordshire

Published 1886

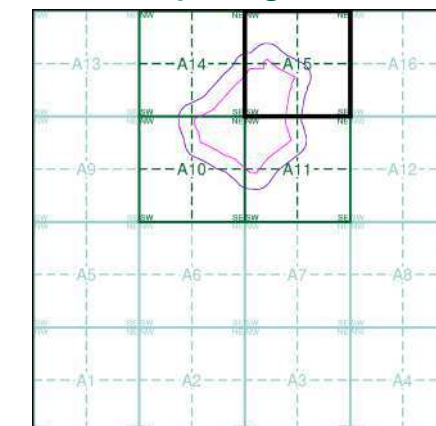
Source map scale - 1:2,500

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)

063_16
1886
1:2,500
068_04
1886
1:2,500

Historical Map - Segment A15

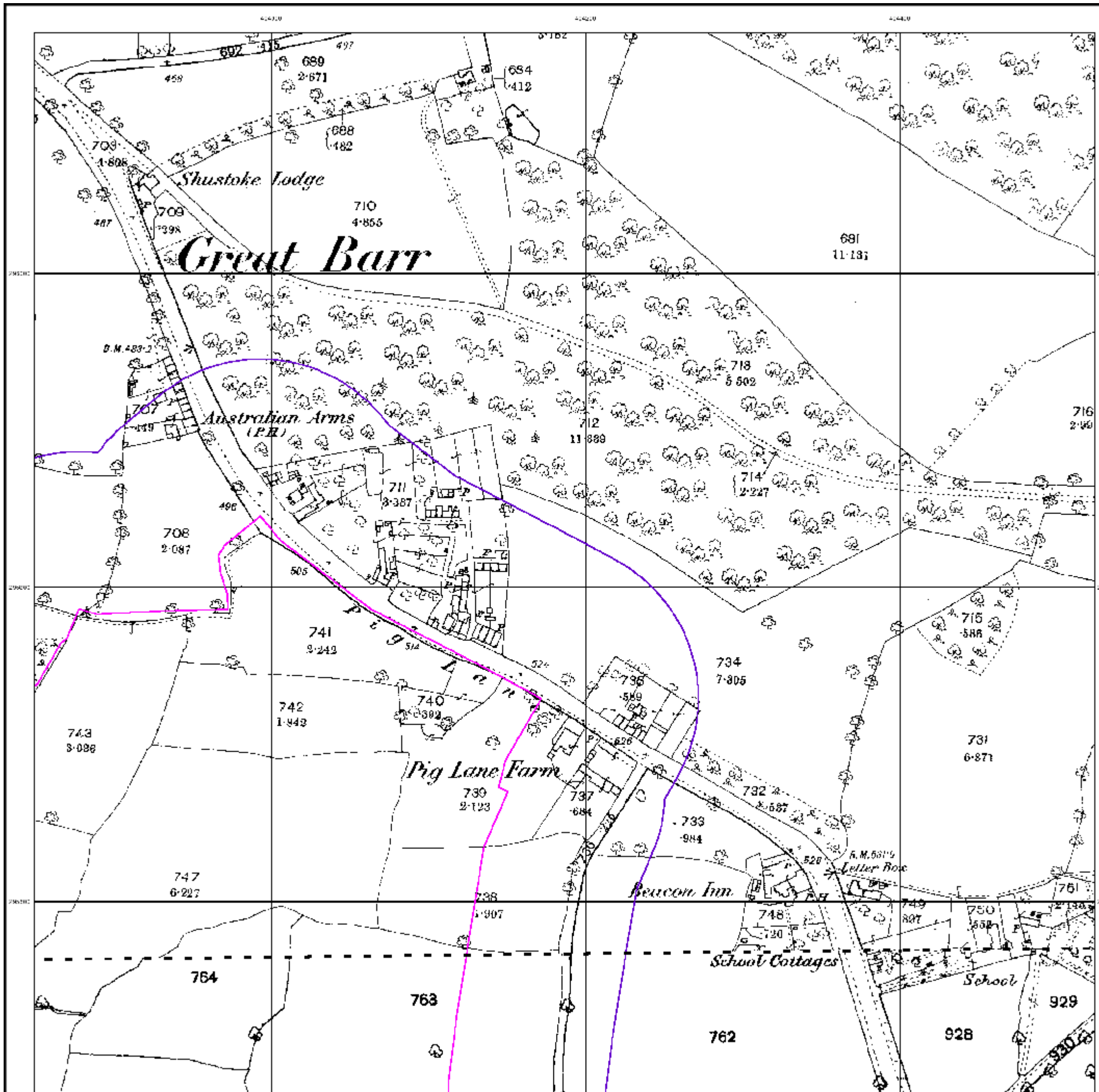


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

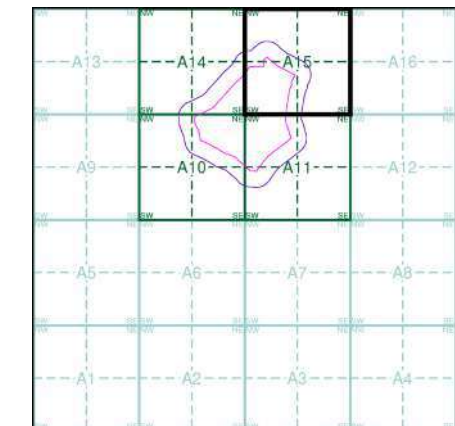


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

063_16	1903	1:2,500
068_04	1903	1:2,500

Historical Map - Segment A15

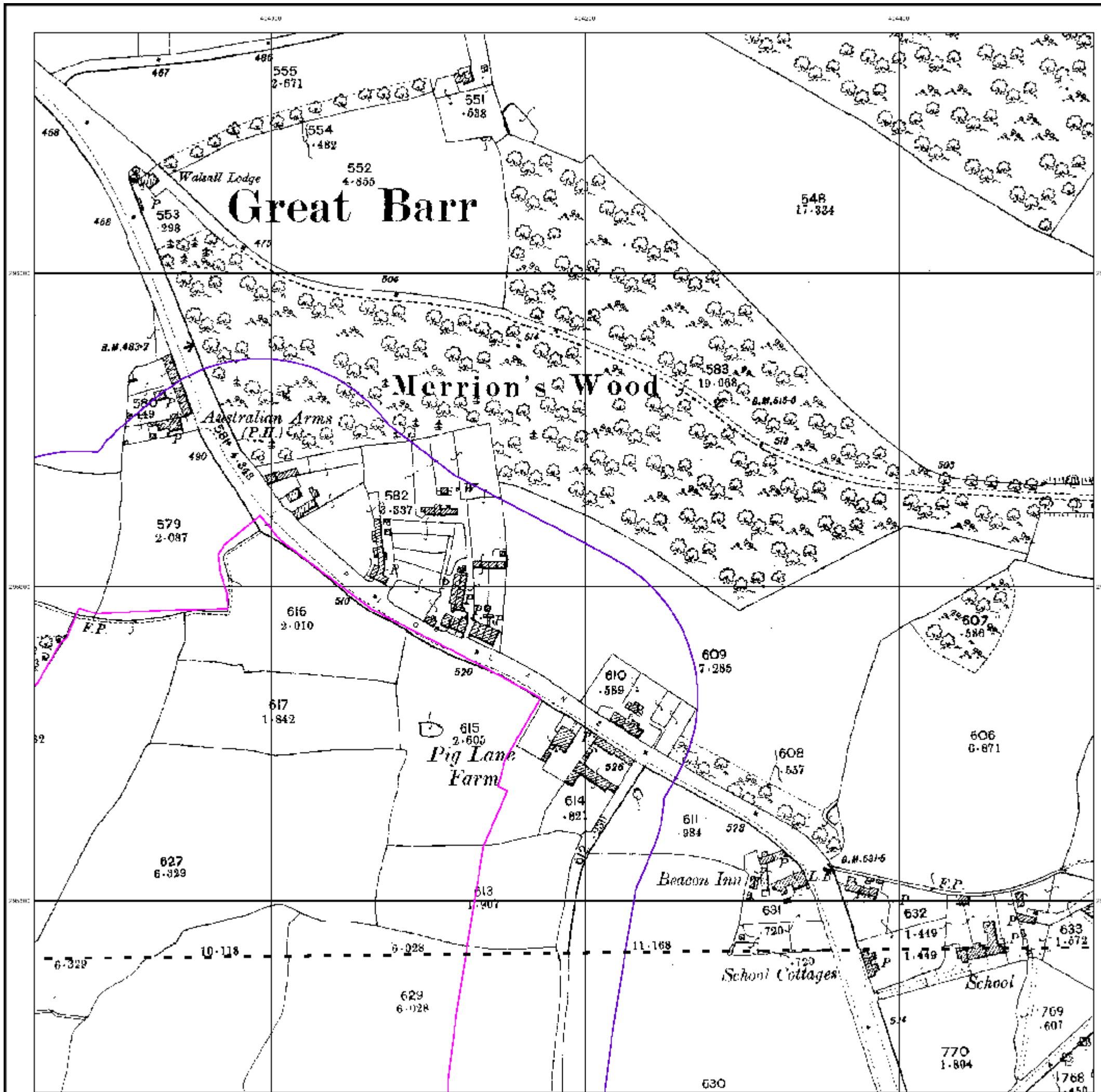


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



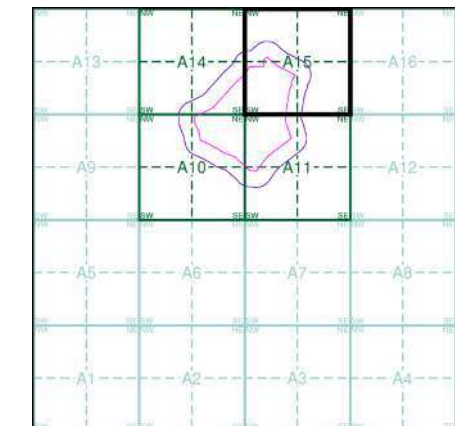
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

063_16	1914	1:2,500
068_04	1918	1:2,500

Historical Map - Segment A15

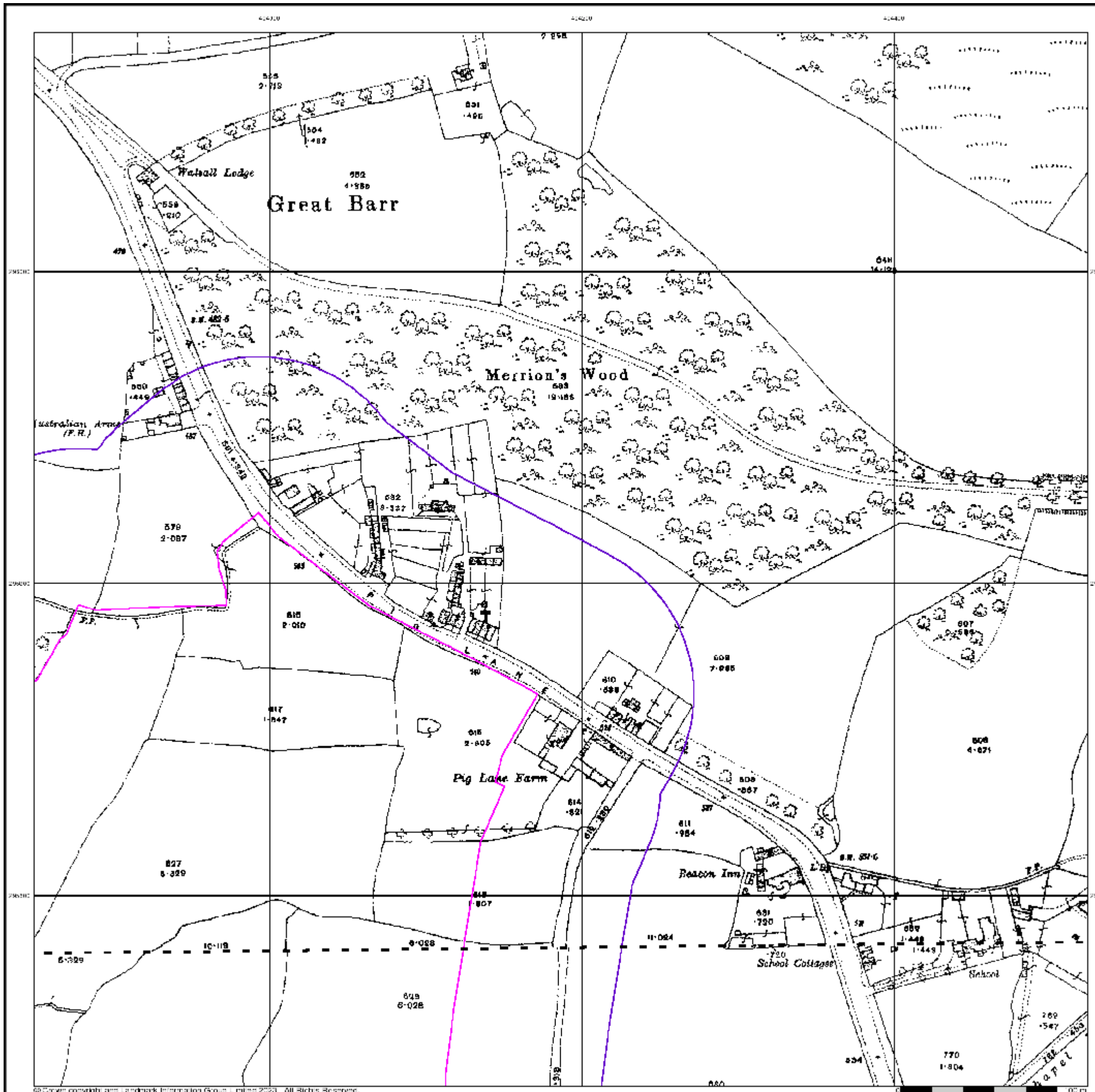


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

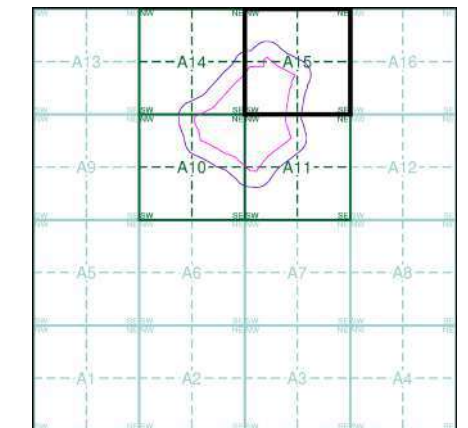


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

063_16	1938	1:2,500
068_04	1937	1:2,500

Historical Map - Segment A15

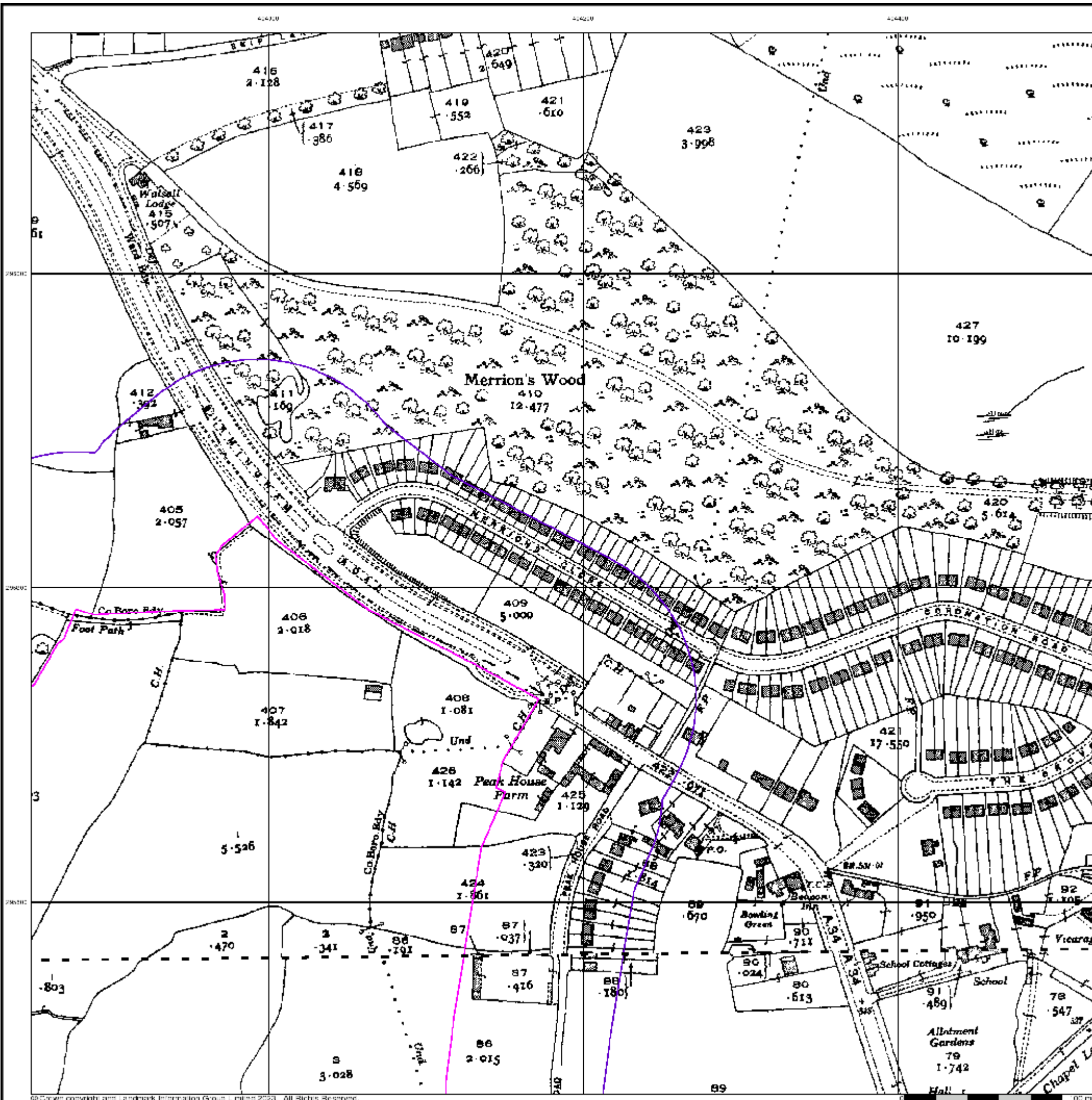


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1960

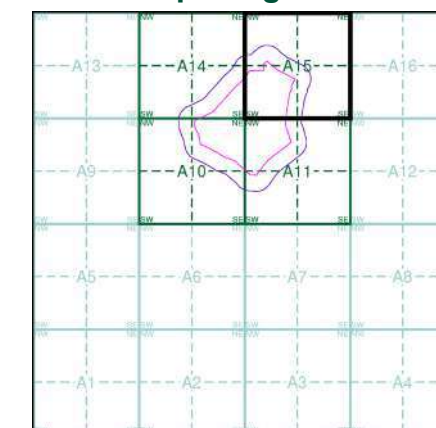
Source map scale - 1:1,250

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)

SP0396SE	SP0496SW	SP0496SE
1960	1960	1960
1:1,250	1:1,250	1:1,250
SP0395NE	SP0495NW	SP0495NE
1960	1960	1960
1:1,250	1:1,250	1:1,250
SP0395SE	SP0495SW	SP0495SE
1960	1960	1960
1:1,250	1:1,250	1:1,250

Historical Map - Segment A15

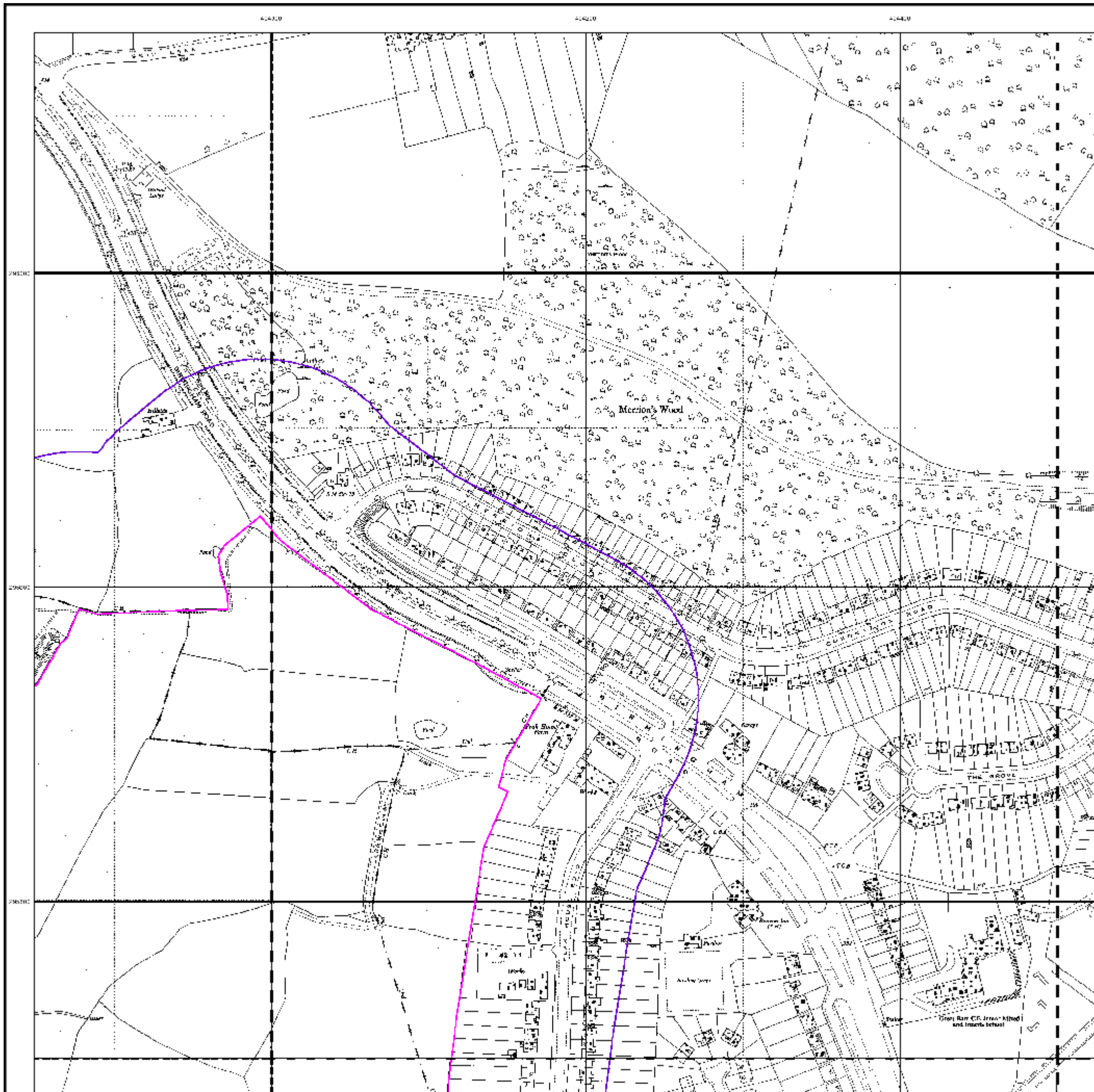


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1962 - 1968

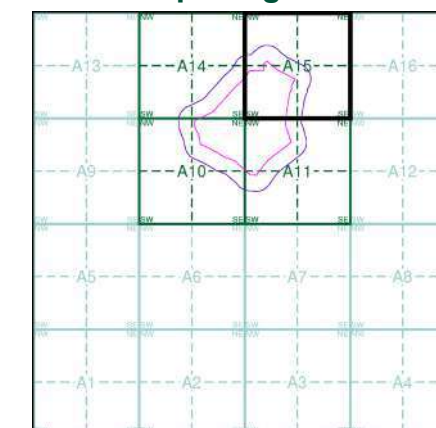
Source map scale - 1:2,500

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)

SP0396 1962 12,500	SP0496 1967 12,500
SP0395 1962 12,500	SP0495 1968 12,500

Historical Map - Segment A15

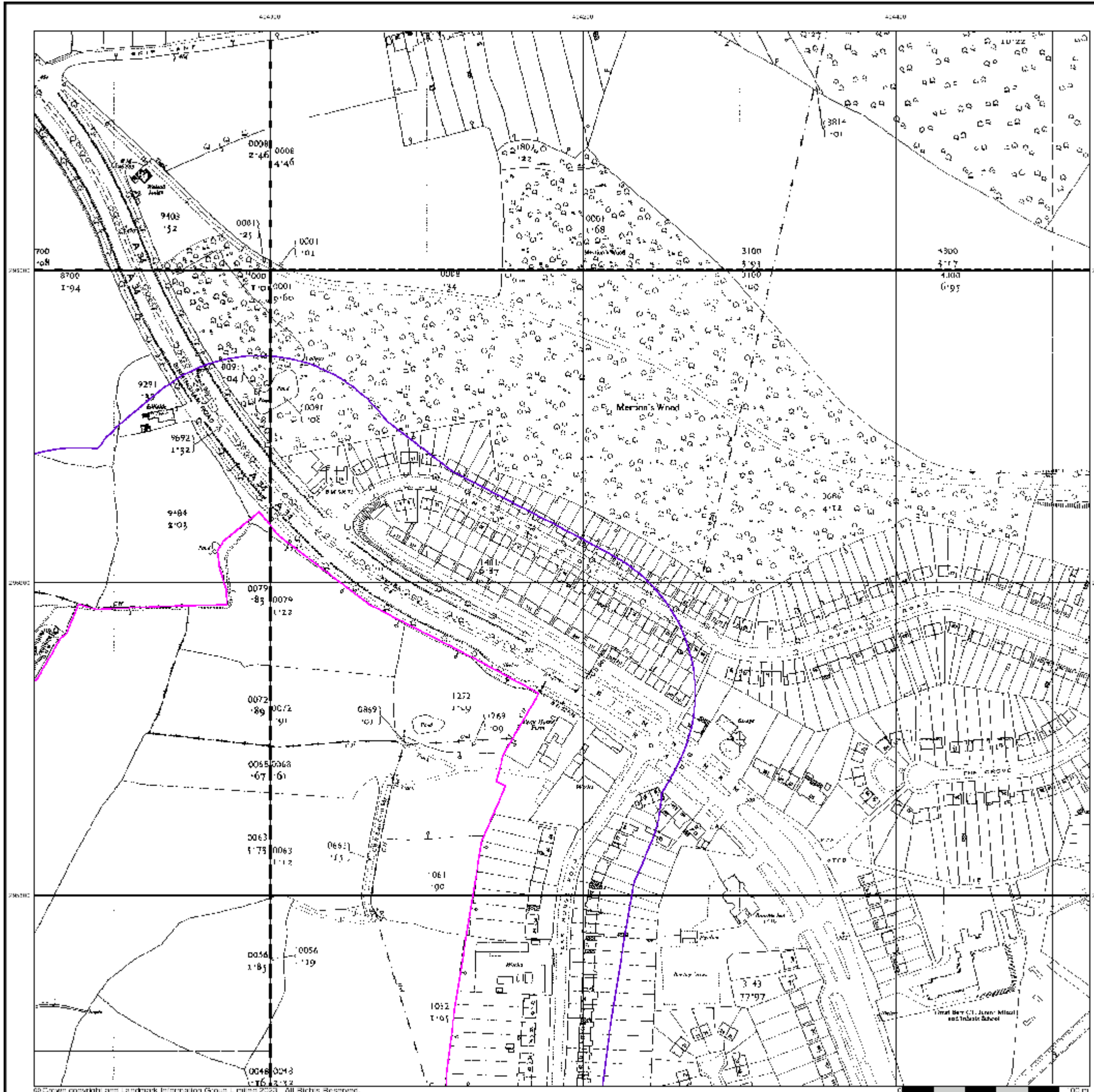


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403860, 295250
 Slice: A
 Site Area (Ha): 27.06
 Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1968 - 1978

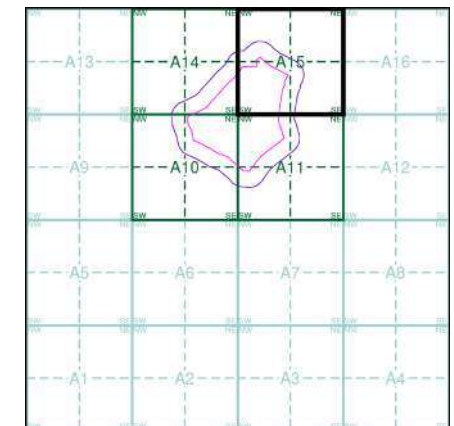
Source map scale - 1:1,250

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)

SP0396SE	1971	1:1,250
SP0495NW	1978	1:1,250
SP0495NE	1973	1:1,250
SP0395SE	1970	1:1,250
SP0495SW	1968	1:1,250
SP0495SE	1973	1:1,250

Historical Map - Segment A15

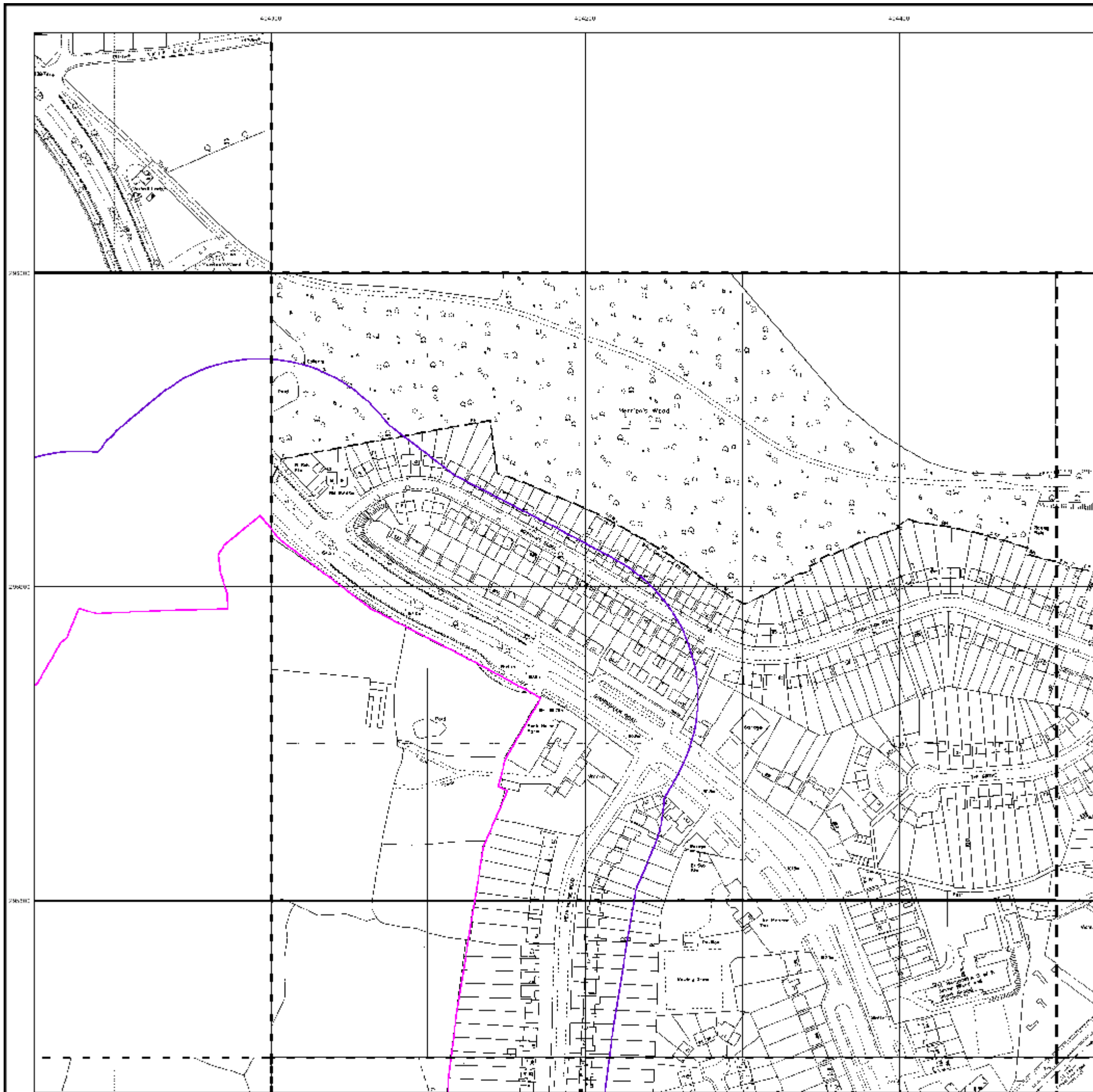


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Ordnance Survey Plan

Published 1975

Source map scale - 1:1,250

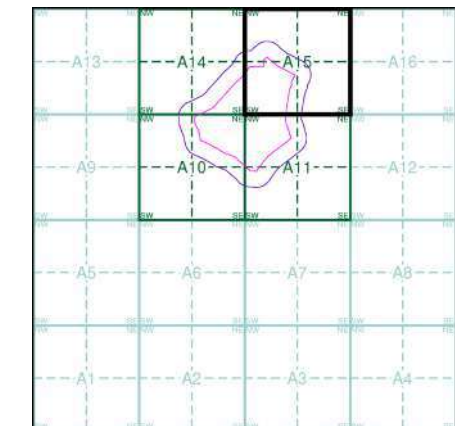
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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



SP0495SW
1975
1:1,250

Historical Map - Segment A15

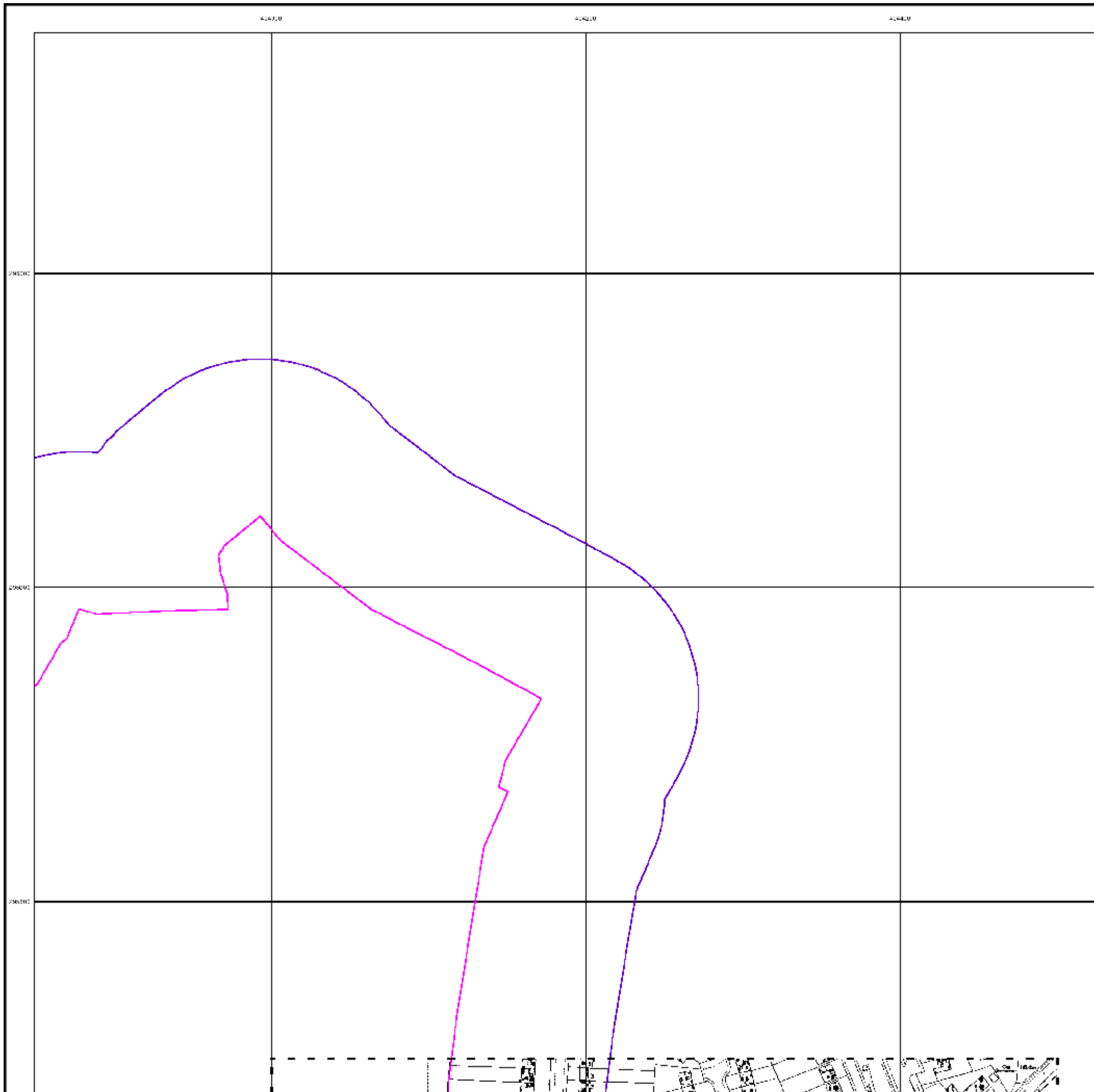


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



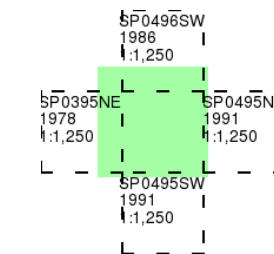
Additional SIMs

Published 1978 - 1991

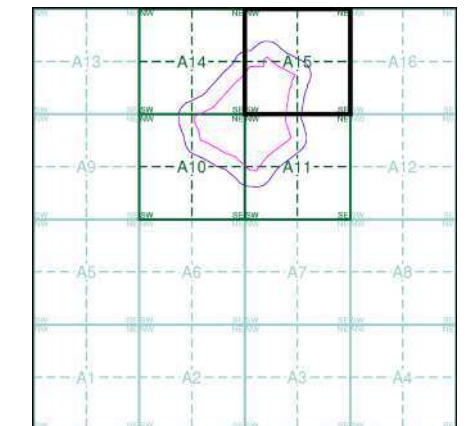
Source map scale - 1:1,250

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 A15



Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

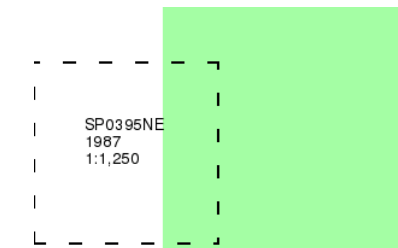
Additional SIMs

Published 1987

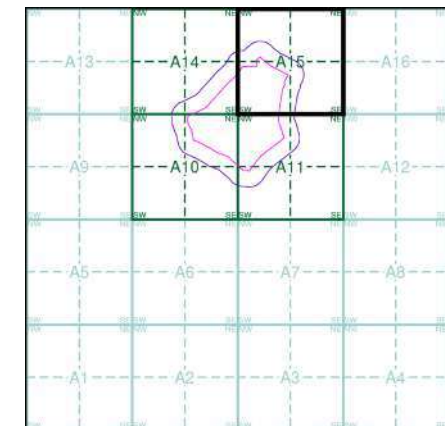
Source map scale - 1:1,250

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 A15

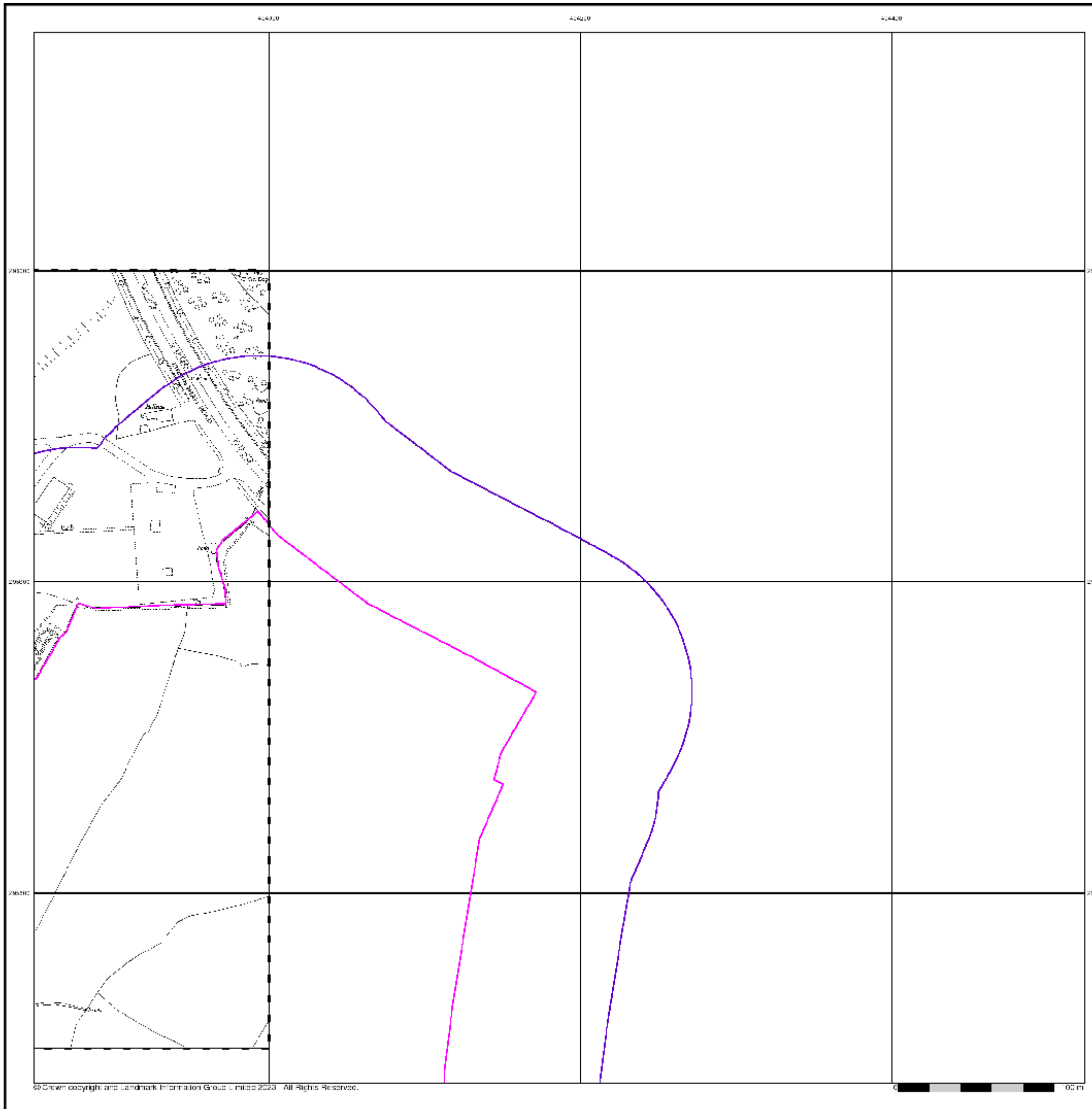


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Large-Scale National Grid Data

Published 1992

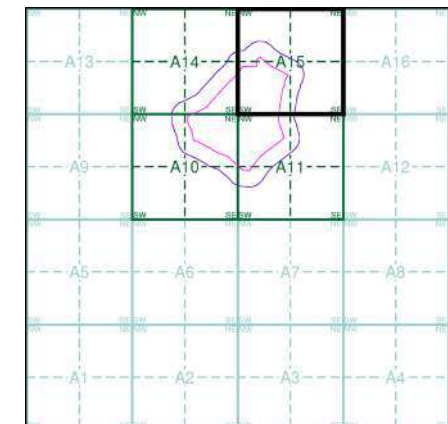
Source map scale - 1:1,250

'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)

SP0396SE	SP0496SW	SP0496SE
1992	1992	1992
1:1,250	1:1,250	1:1,250
SP0395NE	SP0495NW	SP0495NE
1992	1992	1992
1:1,250	1:1,250	1:1,250
SP0395SE	SP0495SW	SP0495SE
1992	1992	1992
1:1,250	1:1,250	1:1,250

Historical Map - Segment A15

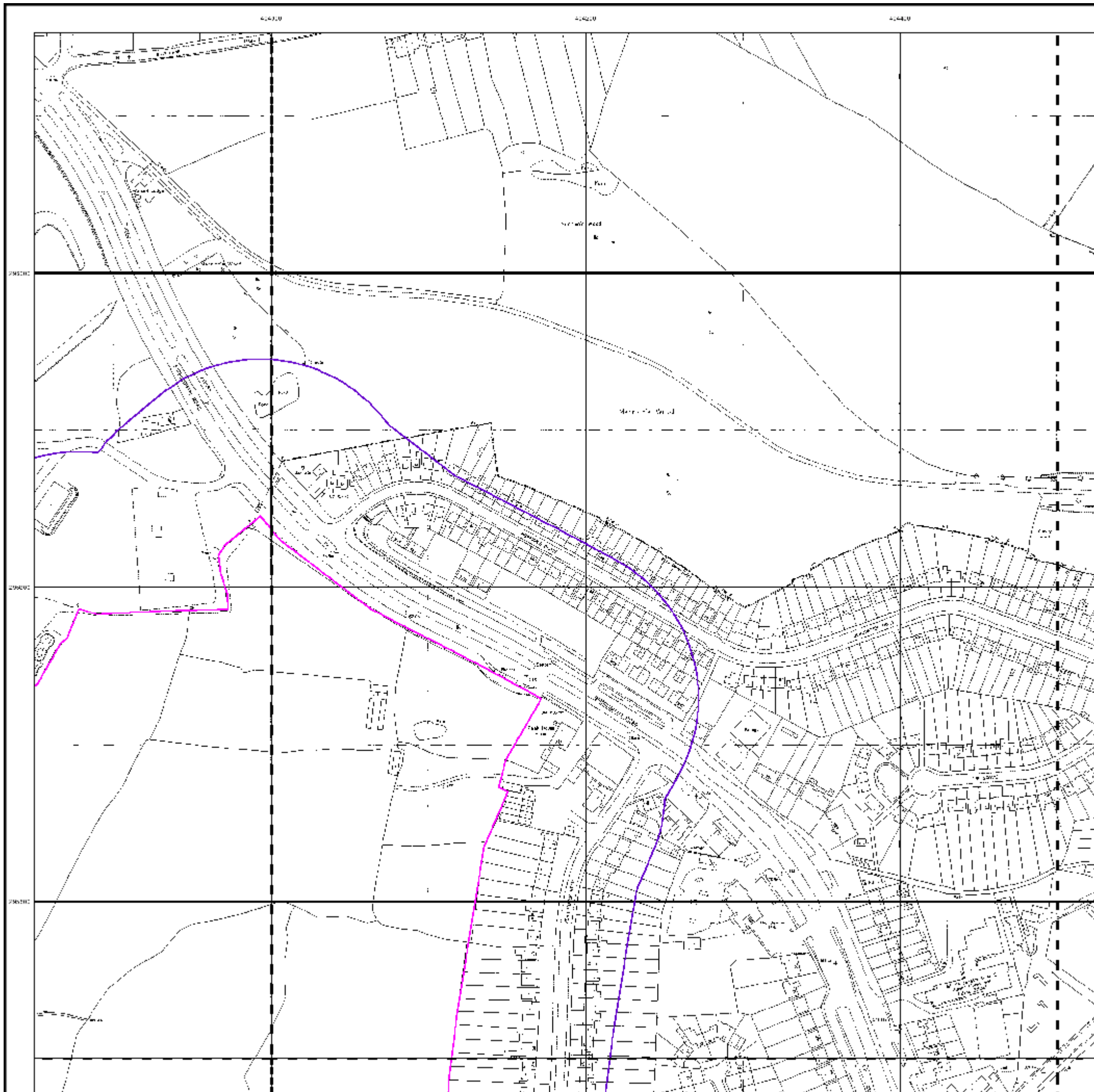


Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

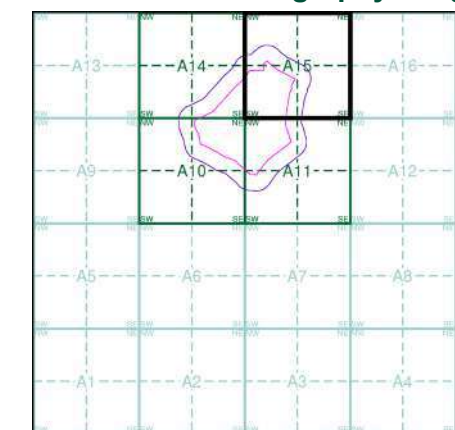


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A15



Order Details

Order Number: 314750106_1_1
Customer Ref: POP013976
National Grid Reference: 403860, 295250
Slice: A
Site Area (Ha): 27.06
Search Buffer (m): 100

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

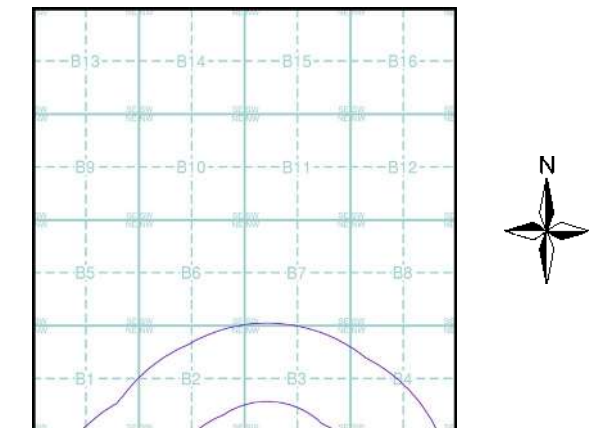
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:10,560	1885	3
Staffordshire	1:10,560	1903	4
Staffordshire	1:10,560	1920	5
Staffordshire	1:10,560	1938	6
Ordnance Survey Plan	1:10,000	1955	7
Ordnance Survey Plan	1:10,000	1971 - 1972	8
Ordnance Survey Plan	1:10,000	1976	9
Birmingham	1:25,000	1977	10
Ordnance Survey Plan	1:10,000	1982	11
Ordnance Survey Plan	1:10,000	1991 - 1992	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2023	15

Historical Map - Slice B



Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403980, 296430
 Slice: B
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY

Landmark
 INFORMATION GROUP

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

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Small Bridge		Pipe (Culvert)
	Tunnel		Railroad and Station Building
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

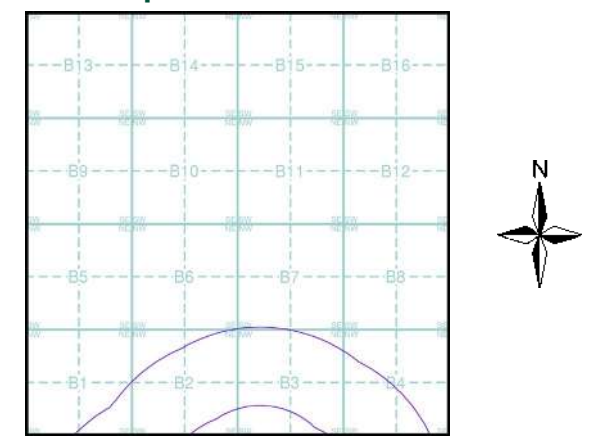
	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Salt Mine
	Operating Shaft or Mine		Tailings Pile
	Non-Operating Shaft or Mine		Gas Pump or Service Station
	Pit		Fuel Storage or Natural Gas Tank
	Stone Quarry		Oil or Natural Gas Derrick
	Small Hydroelectric Power Station		Power Station
	Transformer Station		Cemetery
	Burial Mound (height in metres)		Triangulation Point on Burial Mound
	Triangulation Point		Bench Mark
	Bench Mark (monumented)		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Telegraph/Telephone Lines		Steep Grade
	Main Highway		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Water Reservoir or Rain Water Pit		Direction and velocity of current
	Spring		Water Level Mark
	Isobath with value		Well
	Heavy (Index) Contour Line		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:10,560	1885	3
Staffordshire	1:10,560	1903	4
Staffordshire	1:10,560	1920	5
Staffordshire	1:10,560	1938	6
Ordnance Survey Plan	1:10,000	1955	7
Ordnance Survey Plan	1:10,000	1971 - 1972	8
Ordnance Survey Plan	1:10,000	1976	9
Birmingham	1:25,000	1977	10
Ordnance Survey Plan	1:10,000	1982	11
Ordnance Survey Plan	1:10,000	1991 - 1992	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2023	15

Russian Map - Slice B

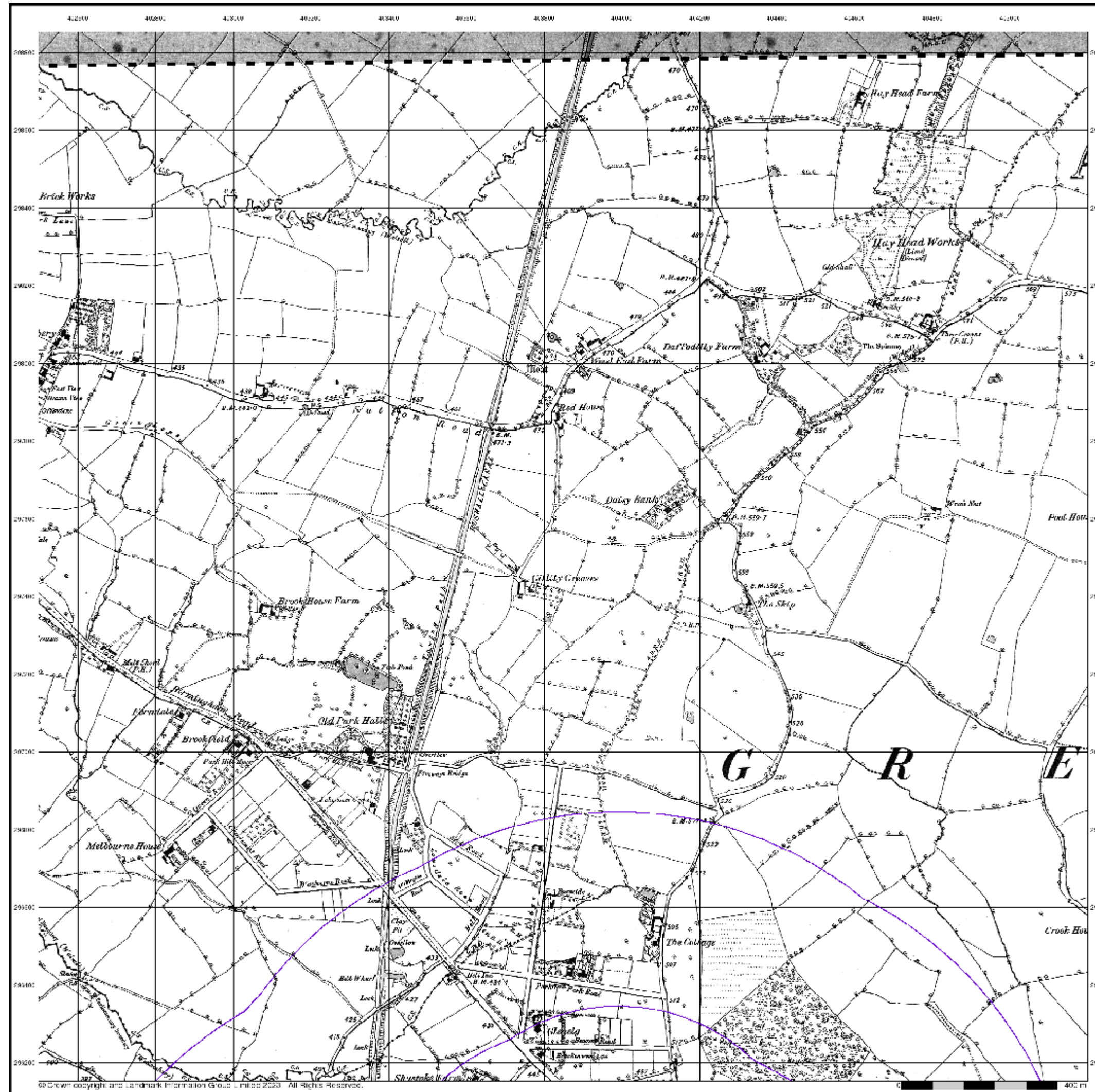


Order Details

Order Number: 314750106_1_1
 Customer Ref: POP013976
 National Grid Reference: 403980, 296430
 Slice: B
 Site Area (Ha): 27.06
 Search Buffer (m): 1000

Site Details

63 Peak House Road, BIRMINGHAM, B43 7RY



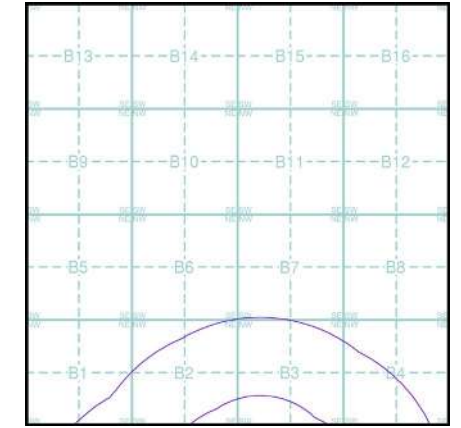
Staffordshire
Published 1885
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

063NE 1885 1:10,560
063SE 1885 1:10,560

Historical Map - Slice B

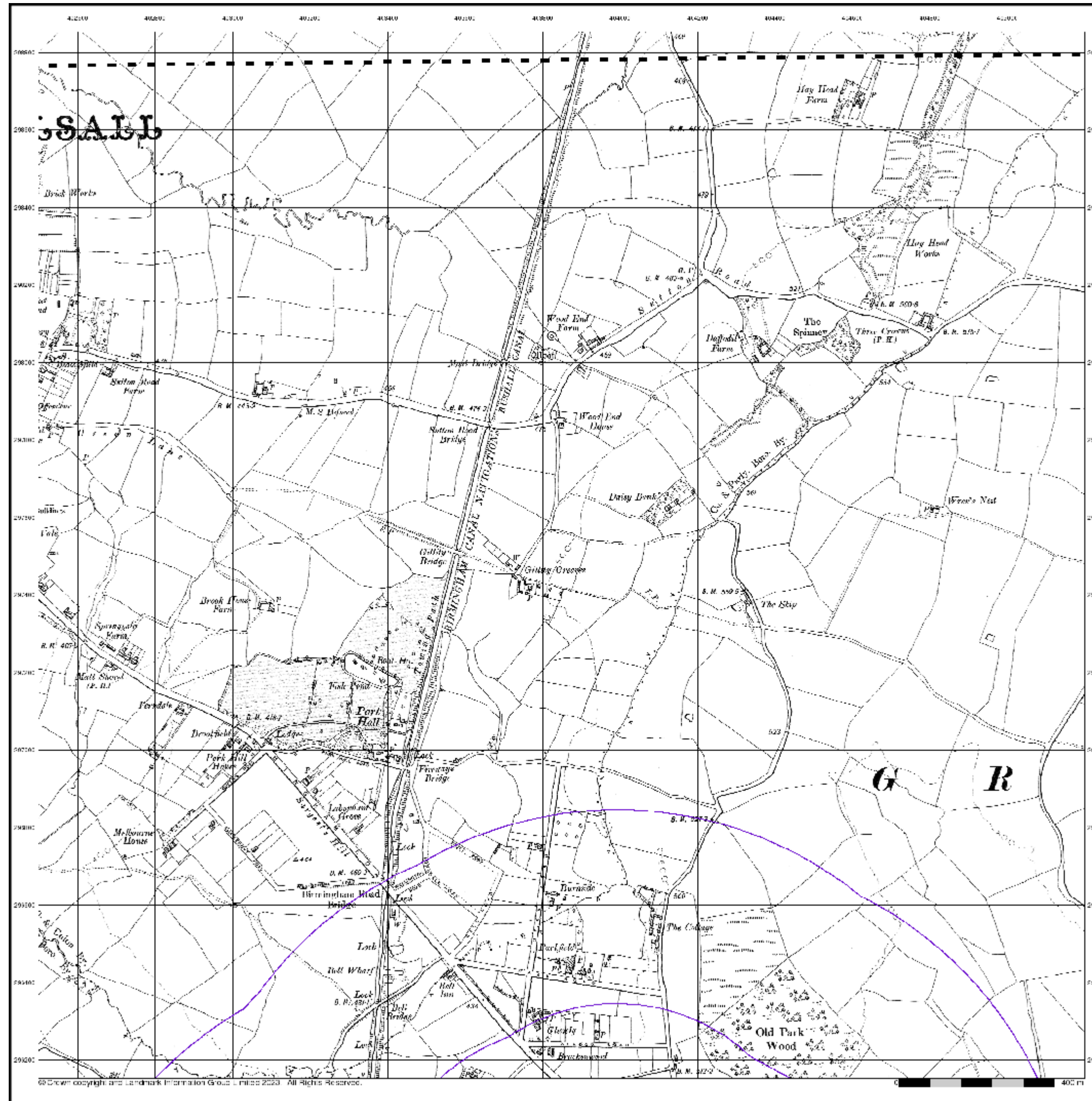


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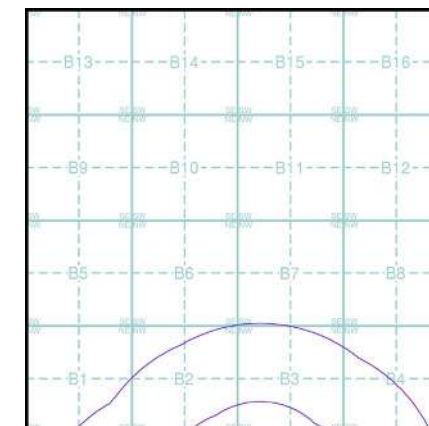


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Map Name(s) and Date(s)

063NE 1903 1:10,560
063SE 1903 1:10,560

Historical Map - Slice B

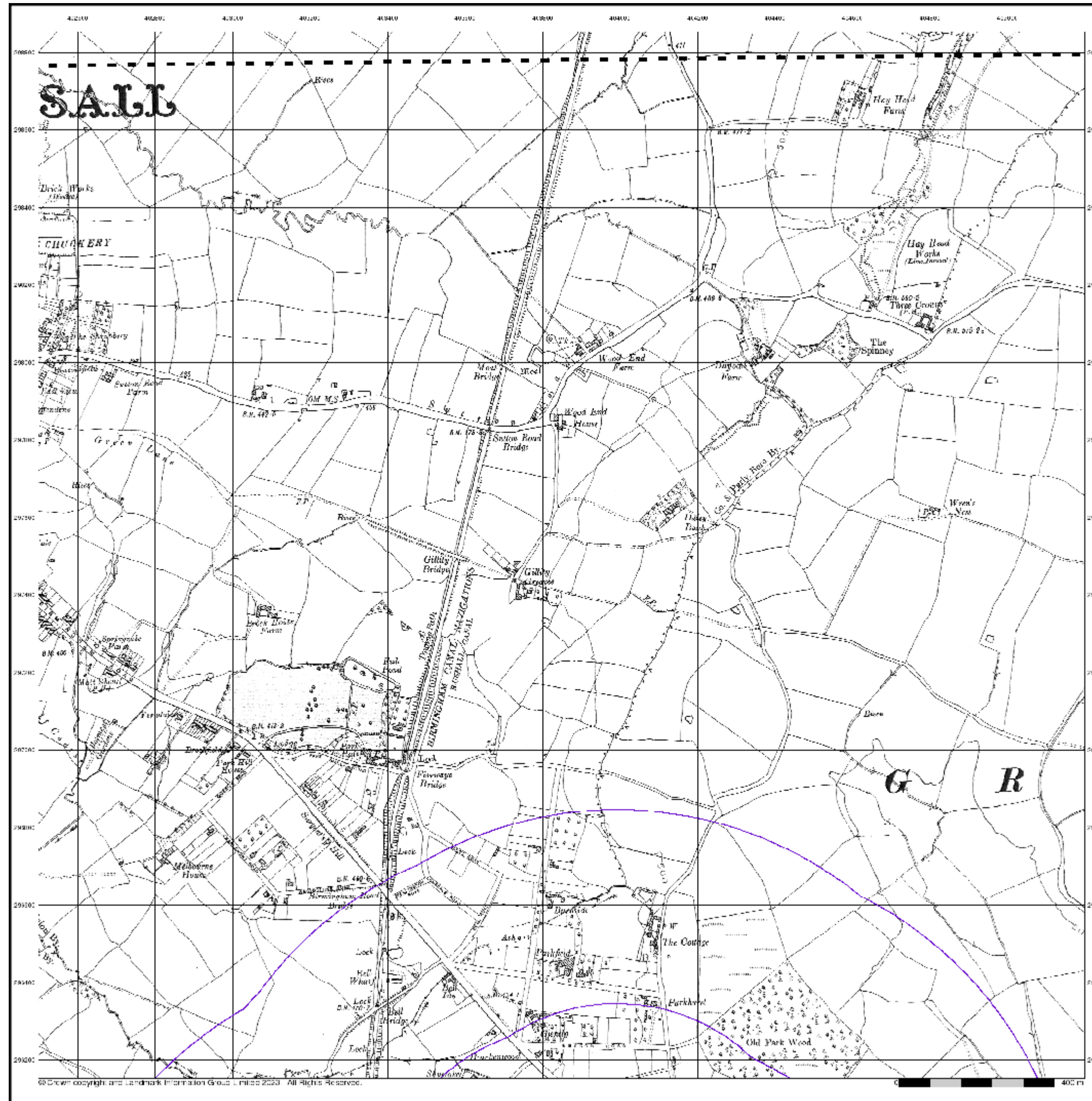


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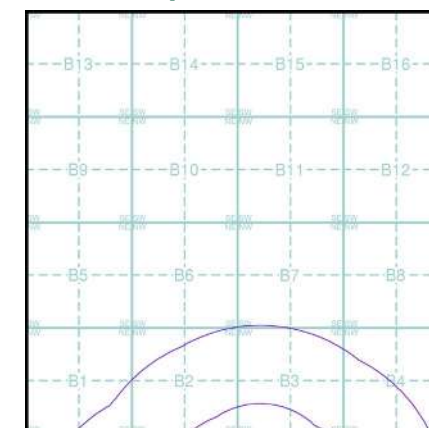


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Map Name(s) and Date(s)

063NE	1920	1:10,560
063SE	1920	1:10,560

Historical Map - Slice B

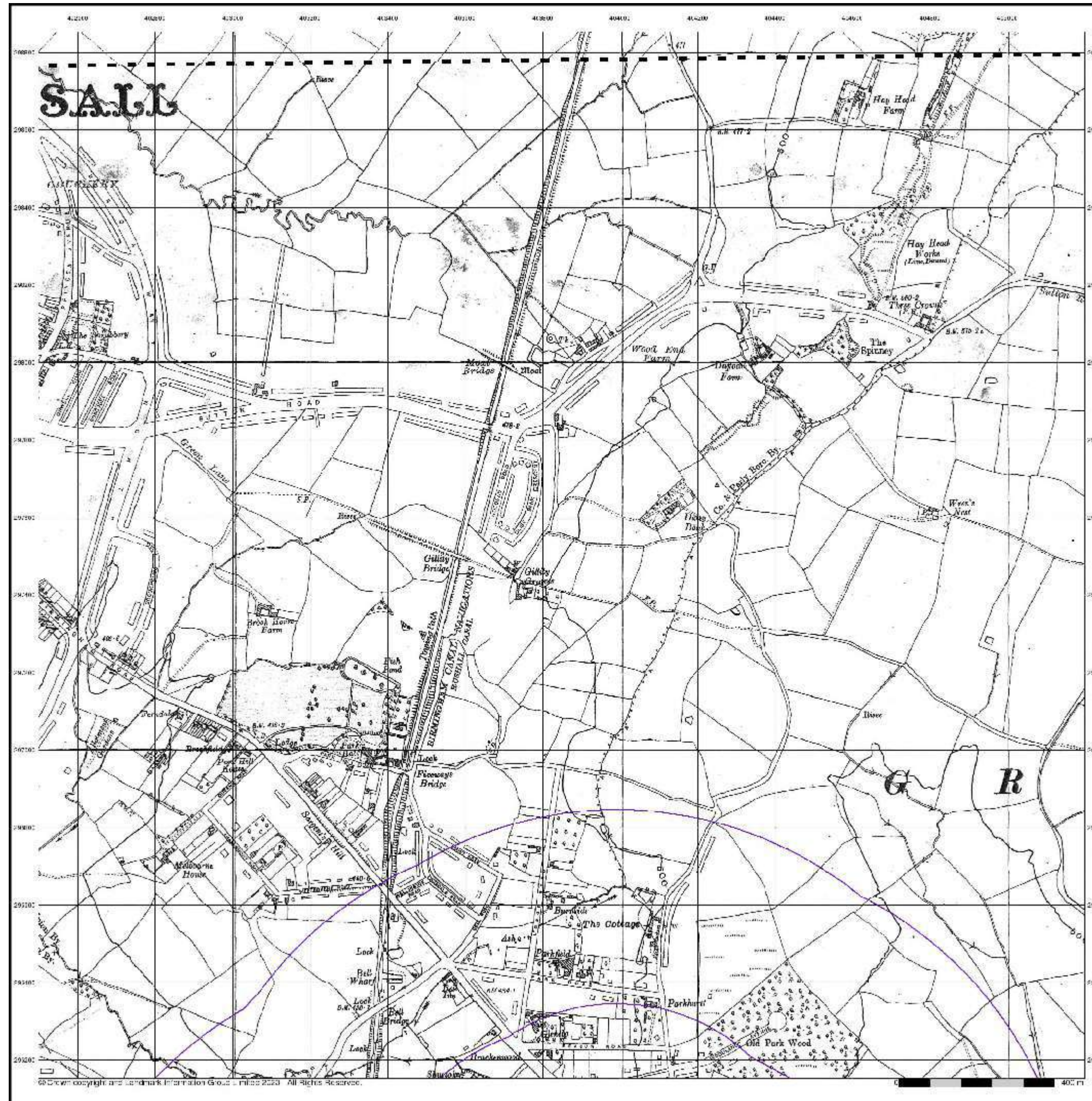


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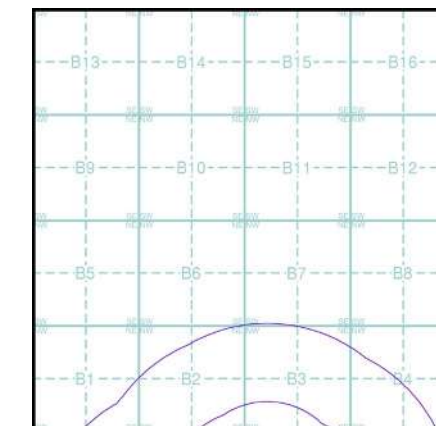


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Map Name(s) and Date(s)

063NE	1938	1:10,560
063SE	1938	1:10,560

Historical Map - Slice B

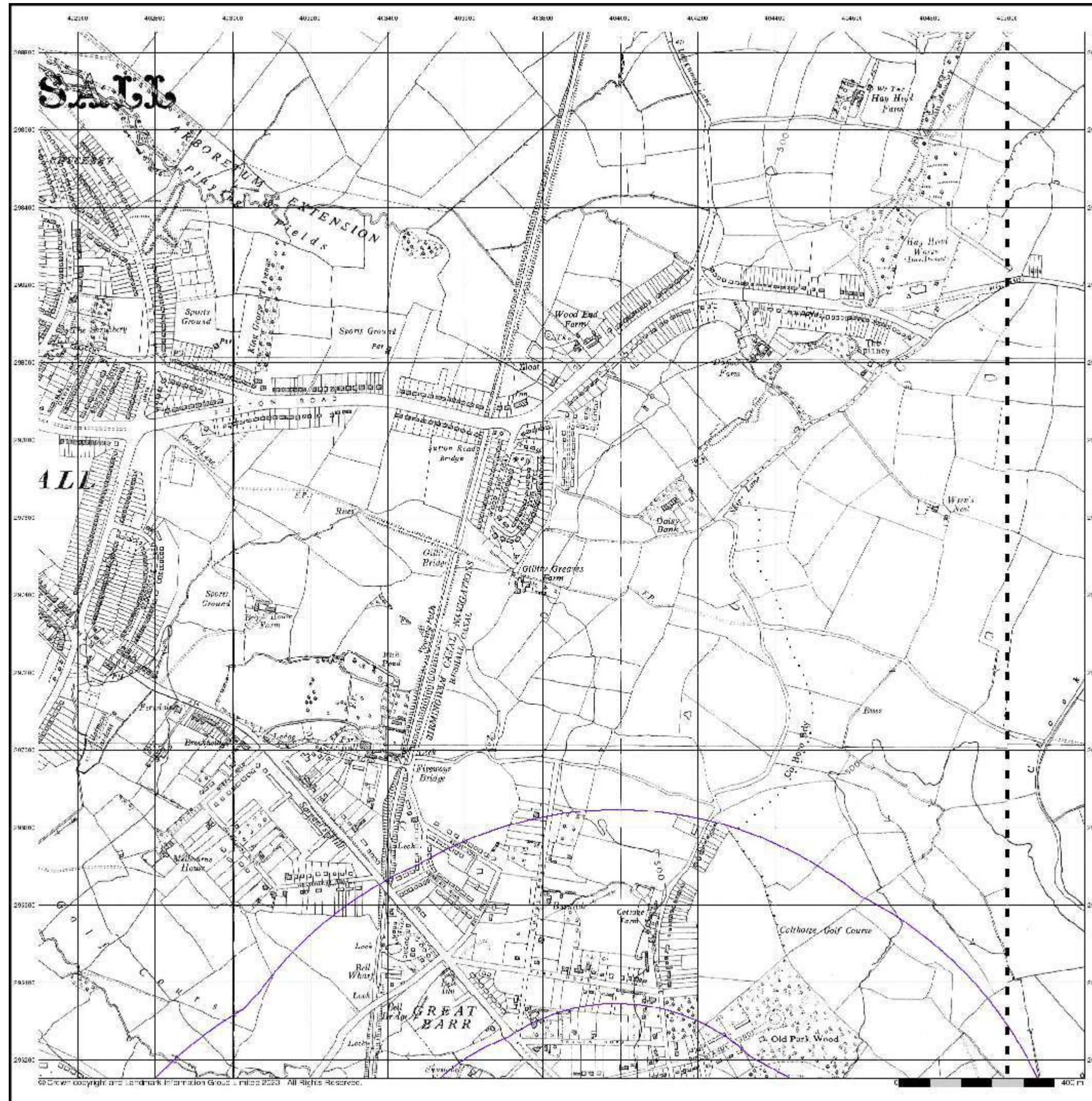


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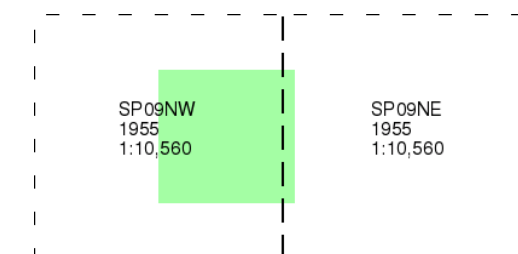
Ordnance Survey Plan

Published 1955

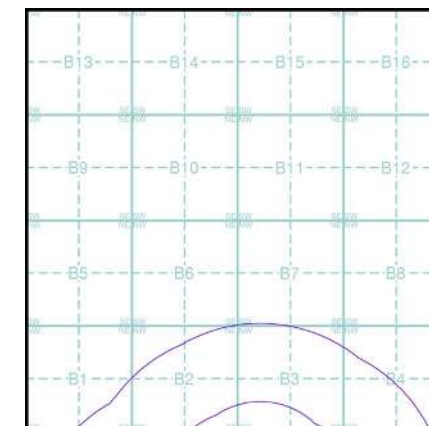
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



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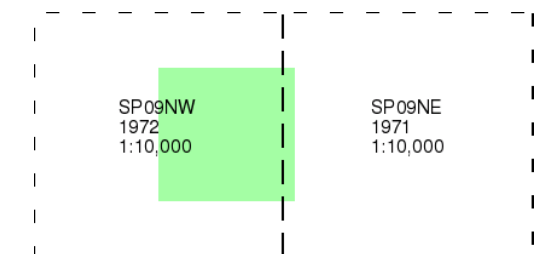
Ordnance Survey Plan

Published 1971 - 1972

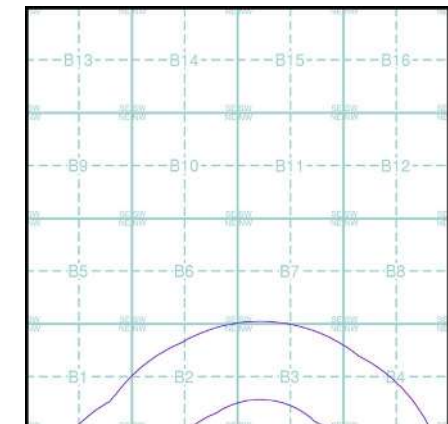
Source map scale - 1:10,000

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

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Historical Map - Slice B

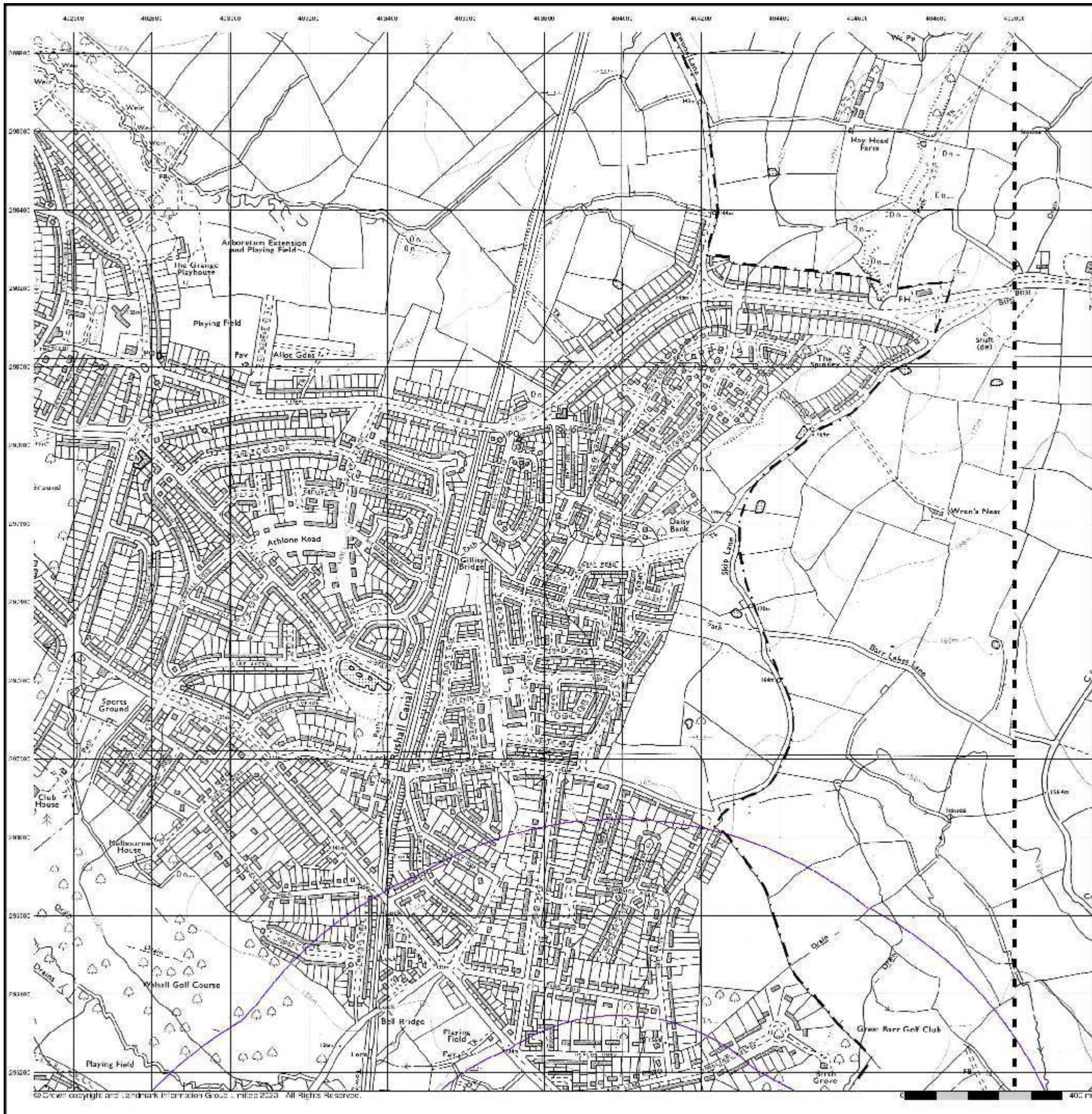


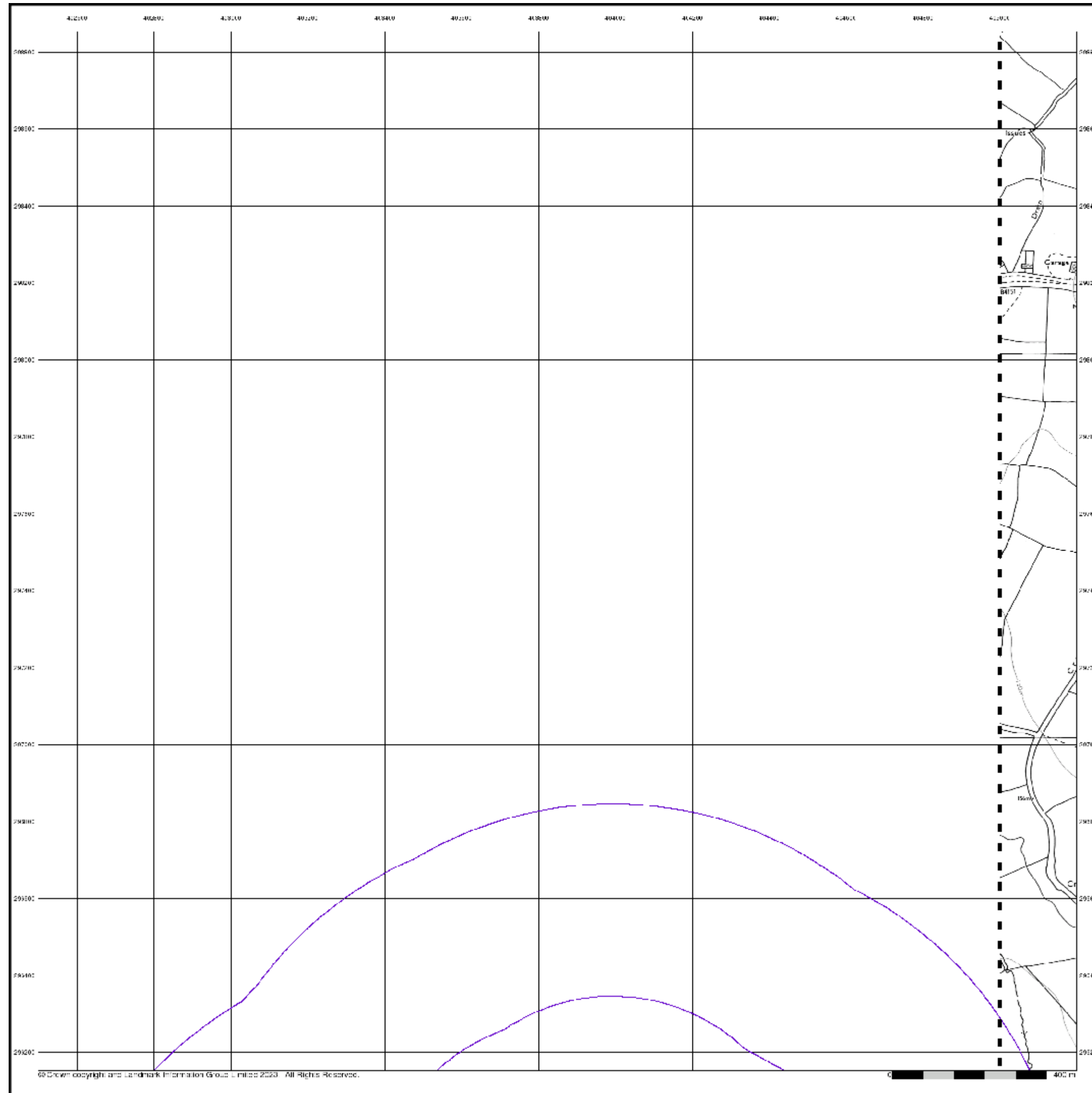
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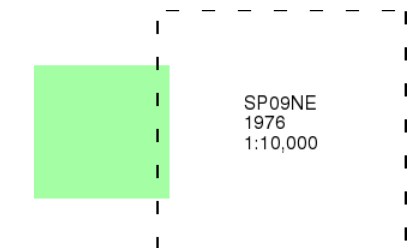
Ordnance Survey Plan

Published 1976

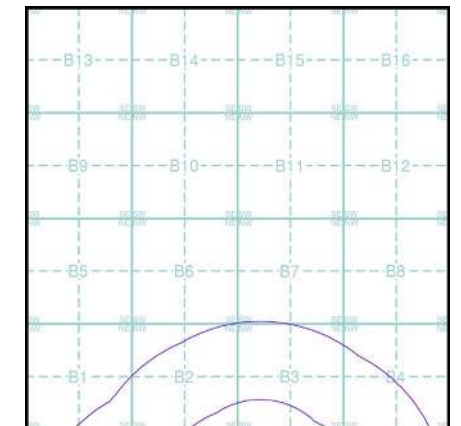
Source map scale - 1:10,000

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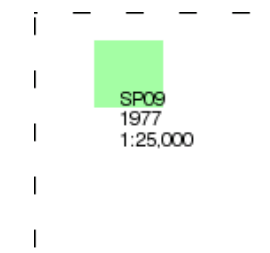
Published 1977

Source map scale - 1:25,000

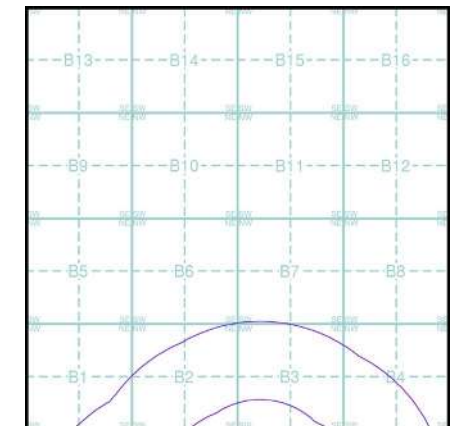
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice B



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