soils LIMITED

Phase I Desk Study

at
Proposed Hotel Extension (west), Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP

for
SJ Group c/o RDP Architects Limited

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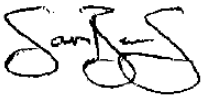
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This is not a valid document for use in the design of the project unless it is titled Final in the document status box.

Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

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Commission

Soils Limited was commissioned by SJ Group c/o RDP Architects Limited to undertake a Phase I Desk Study on Proposed Hotel Extension, Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP. The scope of the investigation was outlined in the Soils Limited quotation reference Q18564 dated 16th March 2017.

Caveat

Whilst reasonable skill and care has been taken to determine the site history and the environmental setting within the time constraints applied by the project, it should be appreciated that uncertainties may occur owing to the natural variability of soil material within a defined area or as a result of unknowns that are associated with contaminated land assessment in general. The site conditions may be different from that indicated by this desk study, particularly on a site with a history of past development. No responsibility can be accepted should such conditions alter the recommendations made in this report.

This Desk Study does not include a detailed UXO risk assessment. In preparing a Phase I Desk Study reference is made to web based sources to assess the risk of the site potentially having been impacted by bombing during the World Wars. The data readily available is not necessarily definitive. Certain areas were bombed heavily, such as the areas of docklands or railways junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

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Section 1 Introduction

1.1 Objective

The Phase I Desk Study was undertaken to advise the client on the risk pertaining to the site, with special reference to former and present day potential contaminative uses. This also included their impact on sensitive receptors, such as, human health, controlled waters, ecological features, building structures and services.

1.2 Location

The site was located at Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP at O.S Land Ranger Grid Reference of TQ 080 769. The site location map is presented in Figure 1 and the full Site Walkover discussed in Section 3.1 of this report.

1.3 Proposed Development

At the time of reporting, April 2017, the proposed development comprised a six storey, pitched roofed hotel containing bedrooms and facilities along with housekeeping and maintenance rooms. The development included hard landscaping such as access roads, parking and pavements and soft landscaping comprising boarder planting only.

In compiling this report reliance was placed on drawing numbers; 905 RDP P01 (A1) through to 905 RDP P05 (A1) dated March 2017 and was prepared by RDP Architects. Any change or deviation from the scheme outlined in the drawing could invalidate the recommendations presented within this report. Soils Limited must be notified about any such changes.

The proposed development plan has been provided in Figure 2.

1.4 Legislation and Liability

The primary legislative mechanism for contaminated land management in the UK is Part 2A of the Environmental Protection Act, 1990 (EPA). Part 2A was introduced into the EPA under Section 57 of the Environment Act 1995 to help deal with the substantial legacy of land contamination. The legislation provides powers in relation to the identification, remediation and apportionment of liability for contaminated land. Part 2A applies where there is unacceptable risk, assessed on the basis of the current use and the relevant circumstances of the land. It is not directed to assessing risks in relation to a future use of the land that would require a specific grant of planning permission.

Under Part IIA of the Environment Act 1995, Local Authorities are required to identify contaminated land and serve on every person who is an appropriate person a remediation notice setting out what is to be done by way of remediation and the period within which it must be done.

If the person who caused, or knowingly permitted, the contaminating substance cannot be found, the owner and/or, occupier for the time being, of the property can be the appropriate person.

Under the legislation, Contaminated Land is defined as: -

Land which is in such a condition by reason of substances in, on or under the land that significant harm is being caused or that there is a significant possibility of such harm being caused or that pollution of controlled waters is being, or is likely to be caused.

Where the Act defines harm as:

'harm to the health of living organisms or other interference with the ecological systems of which they form a part and, in the case of man, includes harm to his property.'

and pollution of controlled waters is defined as: -

'the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter.'

In addition, The Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 introduced the supplementary definition of harm to include: lasting exposure to any person resulting from the after-effects of a radiological emergency, past practice or past work activity.

With regard to contaminated waters, the Environment Act 1995 amends the Water Resources Act 1991 and provides the Environment Agency with the power to force clean-up of historical contamination by issuing a Works Notice, with remediation paid for by the responsible parties.

The Groundwater Regulations (1998) stated that entry of List 1 substances into groundwater must be prevented, and List II substances must be controlled.

1.5 Limitations and Disclaimers

This Phase I Desk Study Report relates to the site located at Proposed Hotel Extension, Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP and was prepared for the sole benefit of SJ Group c/o RDP Architects Limited (The "Client") for the brief described in the Commission of this report.

Soils Limited disclaims any responsibility to the Client and others in respect of any matters outside the scope of the above.

This report has been prepared by Soils Limited, with all reasonable skill, care and diligence within the terms of the contract with the Client, incorporation of our General

Conditions of Contract of Business and taking into account the resources devoted to us by agreement with the Client.

The report is personal and confidential to the Client and Soils Limited accept no responsibility of whatever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report wholly at its own risk.

The Client may not assign the benefit of the report or any part to any third party without the written consent of Soils Limited.

The ground is a product of continuing natural and artificial processes. As a result, the ground will exhibit a variety of characteristics that vary from place to place across a site, and also with time. Whilst a ground investigation will mitigate to a greater or lesser degree against the resulting risk from variation, the risks cannot be eliminated.

The investigation, interpretations, and recommendations given in this report were prepared for the sole benefit of the client in accordance with their brief. As such these do not necessarily address all aspects of ground behaviour at the site.

Current regulations and good practice were used in the preparation of this report. An appropriately qualified person must review the recommendations given in this report at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

There may be other sources of information not included in those listed that hold data relevant to the Phase I Desk Study undertaken at the site that could materially affect the conclusions made in this report.

Ownership of land brings with it onerous legal liabilities in respect of harm to the environment. “Contaminated Land” is defined in Section 57 of the Environment Act 1995.

Where a contaminative use is identified in the Phase I Desk Study this does not determine whether contamination has actually occurred, or if it has the degree to which it may have taken place. An intrusive investigation(s) and analysis is required to establish the nature and degree of any contamination present.

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Section 2 Site Conditions

2.1 Site Walkover

A site walkover was undertaken in March 2017, the notes are presented in Table 2.1 and Table 2.2.

Table 2.1 Site Walkover Record (On-site)

On-site	**Use of site**	Site is located within a construction site for the remodeling of the hotel which is located to the south. Site previously used as a car park.
	Structures	A multi-storey hotel was in the south of the site, along with associated sub-station.
	Site topography	Flat-lying
	Site covering	Majority of the site is block paving with allocated parking spaces comprised of gravel and block paving
	Vegetation	Bushes and semi-mature trees to all aspects. Mature trees to the north, east and west.
	Potential Contamination Sources	Sub-station Minor Fuel spills associated with the car park Building site
	Odour	None Noted
	Drainage	Various interceptors noted on the site.

Table 2.2 Site Walkover Record (Off-Site)

Off-Site	**Use of Land**	Various offices, hotels and commercial areas to all aspects. A4 (Dual carriage-way), numerous car parks and Heathrow Airport are noted to the south.
	Area topography	Very gradual slope downwards to the southeast.
	Vegetation	Various mature trees and shrubs to the north, east and west. Farmland to the north.
	Potential Contamination Sources	Petrol station to the west (~120m). Heathrow Airport to the south (40m).

2.2 Site Drainage

Various interceptors and manhole covers noted on the site during the site walkover. It is unknown if the site uses a soakaway.

2.3 Site Photographs

The site photographs have been included within Appendix D.

Section 3 Geology, Hydrogeology, Hydrology and Radon

3.1 General

The 1:50,000 BGS Geology map showed the site to be situated on bedrock of the London Clay Formation with the superficial deposits of Langley Silt Member and Taplow Gravel Formation.

3.1.1 Langley Silt Member

The Langley Silt Member, formerly known as Brickearth, comprises a geologically recent deposit of brown structureless sandy clay of limited thickness that is usually associated with the underlying Taplow Gravel Formation. Its previous name is derived from its former use in the manufacture of bricks.

The name Langley Silt Member has been applied to sandy superficially deposited soils of differing origins covering soliflucted deposits, stratified estuarine deposits and colluvial sediments. The name Langley Silt has been applied to the deposits that are thought to be in their original position.

3.1.2 Taplow Gravel Formation

The rivers of the south-east of England, including the River Thames and its tributaries, have been subject to at least three changes of level since Pleistocene times. One result has been the formation of a complex series of River Terrace Gravels. These terraces represent ancient floodplain deposits that became isolated as the river cut downwards to lower levels. The Taplow Gravel is found at an elevation that approximates to the present floodplain gravel

The composition of the River Terrace Gravel varies greatly, depending on the source material available in the river's catchment. Deposits generally consist of sands and gravels of roughly bedded flint or chert gravels commonly in a matrix of silts and clays.

3.1.3 London Clay Formation

The London Clay Formation comprises stiff grey fissured clay, weathering to brown near surface. Concretions of argillaceous limestone in nodular form (Claystones) occur throughout the formation. Crystals of gypsum (Selenite) are often found within the weathered part of the London Clay, and precautions against sulphate attack to concrete are sometimes required.

The upper boundary member of the London Clay Formation is known as the Claygate Member and marks the transition between the deep water, predominantly clay environment and succeeding shallow-water, sand environment of the Bagshot Formation.

The lower boundary is generally marked by a thin bed of well-rounded flint gravel and/or a glauconitic horizon. The formation overlies the Harwich Formation or where the Harwich Formation is absent the Lambeth Group.

3.2 Hydrogeology

To assess the vulnerability of groundwater to contamination, consideration must be given to the leaching characteristics of the overlying soils and the characteristics of the strata in the unsaturated zone. Information on the geological strata, such as lithological type and permeability characteristics has been combined with the physical properties of the soil to produce varying degrees of vulnerability.

Table 3.1 presents the hydrological data that is relevant to the site.

Table 3.1 Hydrogeological Assessment

Hydrogeological Data		Comment	Risk
On-site Aquifers	Superficial	Unproductive Strata[1] – Associated with the Langley Silt Formation. Principle[2] – Associated with the underlying Taplow Gravel Formation	✓
	Bedrock	Unproductive Strata[1]	
Groundwater Vulnerability		Soils of High Leaching Potential (U)[3] – Associated with the Taplow Gravel Formation	✓
Source Protection Zones (SPZ)		None within 2000m	
Abstraction	Potable	None within 2000m	
	Non-potable	883m E	
Sensitive land uses		Area of Adopted Green Belt – 107m N	✓
Surface Water Features		191m N	✓
Flood Risk from Rivers or Seas		None within 2000m	
Flood Risk from Surface Water		197m S	
Flood Risk from Groundwater		236m S	

Note: ✓ = Likely.

[1]Unproductive Strata are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

[2]These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.'

[3] Soils of High leaching potential – soils which can readily transmit a wide range of pollutants

Any works or development, which may have an impact on surface water, aquifer or groundwater quality, must be approved by the Environment Agency prior to implementation.

3.3 Hydrology

The approximate elevation of the site was ~26.0 m AOD (Above Ordnance Datum). The anticipated groundwater flow direction is given in Table 3.2.

Table 3.2 Hydrogeological Assessment

Type	Direction	Notes
Surface water	Southeast	Expected in low velocity due to the semi-impermeable Langley silt Formation.
Shallow Groundwater	Southeast	Within the Taplow Gravel Formation and in line with the wider topography
Groundwater	Southeast	In low velocity within the London Clay Formation and.

3.4 Radon Gas

The site **was not situated** within an area where protection or risk assessment against the ingress of radon was required. Radon protection measures **will not be required** within the proposed new development. It is not possible in the course of a survey or inspection to determine whether radon gas is present as the gas is colourless and odourless. Tests can be undertaken to assess the concentration of radon in existing structures.

Section 4 Site History

4.1 Historic Map Study

The object of this study was to report on the evidence of site history and redevelopment of the site and its environs from available County Series and Ordnance Survey Maps dating from the mid to late 19th Century to the present day as downloaded from Landmark Environmental.

Maps only represent a "snap shot" of the site and its environs at the date of the survey. Changes that had occurred either to the site and/or the environs may well not have been recorded on the maps and could represent a hazard to the site. Any distances quoted for features remote from the site have been scaled from the maps and are only approximate. Where dates have been noted in brackets, these are the actual dates applicable to the map editions.

The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

In the following sections dealing with individual maps, only features considered to have a potential contaminative impact on the site and usually within a notional 250m radius are discussed. The north point and approximate extent of the site are indicated on each figure. The historic maps referred to are appended to this report (Appendix A). The potential onsite and offsite sources have been presented in Table 4.1 and Table 4.2.

Table 4.1 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Pond (Backfilled)	E	233	1864	1895
Dog Hurst Farm	N	110	1864	1961
Allotment Gardens	NE	125	1914	1992
Allotment Gardens	SE	70	1914	1938
Glazed Roofed Buildings	E	165	1935	1960
Heathrow Airport	S	45	1938-1948	1974
Various Works and Warehouses	SE	80	1960	2016
Large Glass houses	NE	25	1961	1974
Garage	W	10	1961	1992
Piggery	NW	195	1961	1995
Automotive Garage	W	205	1966	2015
Large Farm Buildings	NE	80	1966	1981
Re-location of Heathrow Airport	S	200	1974	2016
Vehicle Depot	SE	80	1974	2015
Electrical Sub-station	SW	205	1973	2015
Cooling Towers	SW	190	1973	2016
Electrical Sub-station	NW	210	1988	2015
Tanks	E	185	1989	2015
Electrical Sub-station	N	50	1992	2015

Table 4.2 Historic Development of the Site

Site Development	Date Range	
	From	To
Majority of the site is with an orchard with scattered trees throughout. Numerous (~24) small buildings located to the south, southwest and southeast boundary. Road way to the south and to the west.	1864	1935
Small dwellings now running along the southeast boundary.	1935	1960
Majority of the site comprised of a Nursery. Four small cottages, all with private gardens and outhouses in the southeast corner. Large houses and courtyards to the southeast.	1960	1967
Small properties and private gardens on the western boundary	1967	1974
'Motor Repair Works' on the western boundary.	1974	1992
Layout as is in present day, comprises of a large hotel in the centre of the site with car parks to the north, northwest and west. Electrical Sub-station within the southeast.	1992	2016

4.2 UXO risk assessment.

This Desk Study does not include a detailed UXO risk assessment. In preparing a Phase I Desk Study reference is made to web based sources to assess the risk of the site potentially having been impacted by bombing during the World Wars. The data readily available is not necessarily definitive. Certain areas were bombed heavily, such as the areas of docklands or railways junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

London and the surrounding area was heavily bombed during the years between 1940 and 1945. Using a 'bombstike' search - no bomb strikes where noted directly on the site. However, numerous strikes were noted within a 50-250m vicinity. Therefore, a UXO survey is recommended during the site investigation and construction phase.

Section 5 Environmental Records and Consultation

5.1 Dataset Information

The Landmark Envirocheck Report was obtained by Soils Limited and includes site specific information. A copy of the report is appended to this report, Appendix B, and a summary is given in Table 5.1, Table 5.2 and Table 5.3.

Table 5.1 Environmental Significance of Data

Source	Direction	Distance (m)	Maximum Radius (m)
Contaminated Land Register Entries and Notices	None	None	250
Discharge Consents	"	"	250
Integrated Pollution Prevention and Control	-	Onsite[1]	250
Local Authority Pollution Prevention and Controls	-	Onsite[1]	250
Local Authority Pollution Prevention and Control Enforcements	None	None	250
Nearest Surface Water Feature	N	191	250
Pollution Incidents to Controlled Waters (Significant Incidents only)	None	None	250
Prosecutions Relating to Authorized Processes	"	"	250
Registered Radioactive Substances	"	"	250
Substantiated Pollution Incident Register	"	"	250
Nearest Potable Abstraction Point	"	"	250
Nearest Non-Potable Abstraction Point	"	"	250
Water Industry Act Referrals	"	"	250
Source Protection Zones	"	"	250
Extreme Flooding from Rivers or Sea Without Defences	"	"	250
Flooding from Rivers or Sea Without Defences	"	"	250
Areas Benefiting from Flood Defences	"	"	250
Flood Water Storage Areas	"	"	250
Flood Defences	"	"	250
BGS Recorded Landfill Sites	"	"	250
Historical Landfill Sites	"	"	250
Licensed Waste Management Facilities	"	"	250
Local Authority Recorded Landfill Sites	"	"	250
Registered Landfill Sites	"	"	250
Registered Waste Transfer Sites	"	"	250
Registered Waste Treatment or Disposal Sites	"	"	250
Control of Major Accident Hazards Sites (COMAH)	"	"	250
Notification of Installations Handling Hazardous Substances	"	"	250
Planning Hazardous Substance Consents	"	"	250

Notes;

[1]Noted as onsite, but known to be situated offsite by some distance during site walkover. Not included as an onsite source for remainder of Desk Study, noted as offsite.

Table 5.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m[1]	Direction	Distance (m)	Status
Heathrow Airport	-	Onsite[1]	Inactive
Vanderlande – Conveyor Belts	NE	24	Active
APC UK Ltd – Transmission equipment	E	40	Inactive
Supairer Cargo Ltd	W	45	Inactive
Cameron – Manufactures	E	94	Inactive
Cooper Energy Services	E	95	Inactive
Pest Control Services	NW	121	Inactive
Somerfield – Petrol Filling Station	W	212	Inactive
Texaco – Petrol Filling Station	W	221	Active
G E Aircraft Engineers Ltd	W	219	Active

Note: [1]Noted as onsite, but known to be situated offsite by some distance during site walkover. Not included as an onsite source for remainder of Desk Study, noted as offsite.

Table 5.3 Geological Hazards

Source	Nearest Distance from Site/Type
Coal Mining Affected Areas	No Hazard
Mining Instability	Unknown
Natural and Mining Cavities	Unknown
Potential for Collapsible Ground Stability Hazards	Low
Potential for Compressible Ground Stability Hazards	No Hazard
Potential for Ground Dissolution Stability Hazards	No Hazard
Potential for Landslide Ground Stability Hazards	Very Low
Potential for Running Sand Ground Stability Hazards	No Hazard
Potential for Shrinking or Swelling Ground Stability Hazards	Very Low
Shallow Mining Hazards	Unknown

5.2 Site Sensitivity Maps

No other significant potential sources of contamination were shown on the Landmark Envirocheck Site Sensitivity Maps, which have not been listed in Table 5.1, Table 5.2 and Table 5.3, and copies of which are appended to this report (Appendix C).

5.3 Regulatory Enquires

As part of the Phase I Desk Study the London Borough of Hillingdon has been contacted and asked to provide any information on potential risks pertaining the site. At the time of reporting no information had been received.

5.4 Soil Geochemistry

Potential levels of metals including lead, arsenic, cadmium, chrome and nickel as contoured on the Landmark Environmental check report (Appendix B) were assessed against the appropriate environmental quality standards (e.g. SGV) for the sites purposed end use. The results are indicated in Table 5.4.

Table 5.4 Soil Geochemistry

Determinand	Proposed Land Use	Indicated Soil Geochemistry (mg kg^{-1})	Guideline for Commercial (mg kg^{-1})	Potential Hazard
Arsenic	Commercial	15 – 25	640	
Cadmium		1.8 – 2.2	410	
Chromium		90 – 120	18000	
Lead		150 – 300	2330	
Nickel		15 - 45	1800	

Note: ✓ = Likely.
[1] Soil guideline value for 1% and 6% SOM respectively. Other soils guidelines presented in the table are based on soils with 6% SOM.
[2] Trivalent Chromium (III)

The results show that no indicated exceedances were present onsite. Should the proposed land use change then the recommendations given in the report would be likely to change.

Please note that there are only a limited number of land uses for which data on determinands have been published or can be readily determined.

Section 6 Discussion and Conclusions

6.1 General

The findings of the Phase I Desk Study are summarised below:

1. The 1:50,000 BGS Geology map showed the site to be situated on the bedrock of the London Clay Formation with the superficial deposits of the Langley Silt Member and Taplow Gravel Formation overlying.

2. The Environment Agency Hydrogeological Maps showed that the bedrock London Clay Formation and the superficial Langley Silt Formation both have Unproductive Strata Designations. The Taplow Gravel Formation underlying the Langley Silt Formation has a principle aquifer designation. The groundwater vulnerability associated with the Taplow Gravel Formation was soils of High Leaching Potential (U), soils which can readily transmit a wide range of pollutants.

3. Surface water flow was expected to flow to the southeast due to the semi-impermeable soils of the Langley Silt Member. Shallow groundwater located within the Taplow Gravel Formation was anticipated to flow to the southeast. Groundwater within the London Clay Formation was anticipated to flow down to the southeast in low velocity and in line with wider topography.

4. Environment Agency records showed that the site was not at risk of flooding from rivers or seas.

5. Soil Geochemistry results show no indicated exceedances were present onsite when compared against commercial land use. Should the proposed land use change then the recommendations given in the report would be likely to change.

6. London and the surrounding area was heavily bombed during the years between 1940 and 1945. Using a ‘bombstike’ search - no bomb strikes where noted directly on the site. However, numerous strikes were noted within a 50-250m vicinity. Therefore, a UXO survey is recommended during the site investigation and construction phase.

7. A contaminated land enquiry was submitted to London Borough of Hillingdon requesting further information on potential contaminated land sources in the site environs. At the time of reporting, April 2017, no response had been received.

8. Any suspicious ground conditions encountered during groundworks must be reported to a competent person for further inspection.

9. Summary of potential on-site contamination sources identified during the study of the historic maps, the Dataset Information and Landmark Envirocheck Report and the Site Walkover are outlined in Table 6.1.

Table 6.1 Summary of Potential Contamination Sources

Sources/Environmental Impact	Direction[1]	Distance (m)	Date Range		Source
			From	To	
On Site					
Minor fuel spills from parked cars	Onsite	-	-	2017	SW
Electrical Sub-Station	Onsite	-	-	2017	SW
Building Site	Onsite	-	-	2017	SW
Off Site					
Pond (Backfilled)	E	233	1864	1895	HM
Dog Hurst Farm	N	110	1864	1961	HM
Petrol Station	W	205	-	2017	SW
Allotment Gardens	NE	125	1914	1992	HM
Allotment Gardens	SE	70	1914	1938	HM
Glazed Roofed Buildings	E	165	1935	1960	HM
Heathrow Airport	S	45	1938-1948	1974	HM
Various Works and Warehouses	SE	80	1960	2017	HM
Large Glass houses	NE	25	1961	1974	HM
Automotive Garage	W	10	1961	1992	HM
Piggery	NW	195	1961	1995	HM
Garage	W	205	1966	2017	HM
Large Farm Buildings	NE	80	1966	1981	HM
Re-location of Heathrow Airport	S	200	1974	2017	HM
Vehicle Depot	SE	80	1974	2017	HM
Electrical Sub-station	SW	205	1973	2017	HM
Cooling Towers	SW	190	1973	2017	HM
Electrical Sub-station	NW	210	1988	2017	HM
Tanks	E	185	1989	2017	HM
Electrical Sub-station	N	50	1992	2017	HM
Vanderlande – Conveyor Belts	NE	24	-	2017	DS
APC UK Ltd – Transmission equipment	E	40	-	2017	DS
Supairer Cargo Ltd	W	45	-	2017	DS
Cameron – Manufactures	E	94	-	2017	DS
Cooper Energy Services	E	95	-	2017	DS
Pest Control Services	NW	121	-	2017	DS
Somerfield – Petrol Filling Station	W	212	-	2017	DS
Texaco – Petrol Filling Station	W	221	-	2017	DS
G E Aircraft Engineers Ltd	W	219	-	2017	DS
Integrated Pollution Prevention and Control – Terminal 5 energy centre	SE	45[1]	2003	2017	DS
Local Authority Pollution Prevention and Controls– MT Heathrow	S	45[1]	-	2017	DS
Local Authority Pollution Prevention and Controls– BP Heathrow	SE	53	-	2017	DS
Local Authority Pollution Prevention and Controls– Co-Op Heathrow)	W	211	-	2017	DS
Local Authority Pollution Prevention and Controls– Customs House	SW	224	-	2017	DS

Sources/Environmental Impact	Direction[1]	Distance (m)	Date Range		Source
			From	To	

Notes: SW – Site walkover. HM – Historic Maps. DS – Datasheet

[1]Datasheet suggests source is onsite, however from the site walkover we know that they are least 45m S.

Section 7 Preliminary Conceptual Site Model

7.1 General

Environment Agency guidance provided in CLR11 indicates the Conceptual Site Model should identify those contaminants, pathways and receptors which are 'likely' to represent an 'unacceptable' risk either to human health or the surrounding environment. The following sections present potential contaminants, pathways and receptors based on the information collected during the desktop study. Pathways have been established on scientific knowledge of the behaviour of the contaminants in the ground.

7.2 Sources of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover has been used to identify potential contaminative sources, the sources have been presented in

Table **6.1**. An initial assessment of the likelihood of each contaminative source that was considered a risk has been presented in Sections 7.2.1 – 7.2.3.

7.2.1 Onsite Potential Contamination Sources

A study of Landmark Envirocheck Report and Site Walkover has shown a number of potentially onsite contaminative sources. The sources have been given in Table 7.1.

Table 7.1 Onsite Potential Contamination Sources

Sources	Likely[1]
Minor fuel spills from parked cars	✓
Electrical Sub-Station	
Construction Site	✓

Notes: ✓ = Likely. [1] Sources that are not ticked were considered negligible. These considerations are based on type of contamination, age of source and anticipated significance.

7.2.2 Offsite Potential Contamination Sources

A study of Landmark Envirocheck Report and Site Walkover has shown a number of potentially offsite contaminative sources. The sources have been given in given in Table 7.2.

Table 7.2 Offsite Potential Contamination Sources

Sources	Direction	Distance (m)	Likely[1]
Pond (Backfilled)	E	233	
Dog Hurst Farm	N	110	
Petrol Station	W	205	
Allotment Gardens	NE	125	
Allotment Gardens	SE	70	
Glazed Roofed Buildings	E	165	

Heathrow Airport	S	45	✓
Various Works and Warehouses	SE	80	
Large Glass houses	NE	25	
Automotive Garage	W	10	✓
Piggery	NW	195	
Garage	W	205	
Large Farm Buildings	NE	80	
Re-location of Heathrow Airport	S	200	
Vehicle Depot	SE	80	
Electrical Sub-station	SW	205	
Cooling Towers	SW	190	
Electrical Sub-station	NW	210	
Tanks	E	185	
Electrical Sub-station	N	50	
Vanderlande – Conveyor Belts	NE	24	
APC UK Ltd – Transmission equipment	E	40	
Superior Cargo Ltd	W	45	
Cameron – Manufactures	E	94	
Cooper Energy Services	E	95	
Pest Control Services	NW	121	
Somerfield – Petrol Filling Station	W	212	
Texaco – Petrol Filling Station	W	221	
G E Aircraft Engineers Ltd	W	219	
Integrated Pollution Prevention and Control – Terminal 5 energy centre	SE	45[1]	
Local Authority Pollution Prevention and Controls– MT Heathrow (PG1/14 petrol filling station)	S	45[1]	
Local Authority Pollution Prevention and Controls– BP Heathrow (PG1/14 petrol filling station)	SE	53	
Local Authority Pollution Prevention and Controls– Co-Op Heathrow (PG1/14 petrol filling station)	W	211	
Local Authority Pollution Prevention and Controls– Customs House (PG5/4 incineration under 1t/h)	SW	224	

Note: ✓ = Likely. [1] Sources that are not ticked were considered negligible. These considerations are based on type of contamination, age of source, anticipated significance and taking account of the source distance from the site.

7.3 Potential Pathways

A pathway is a route by which a receptor is exposed to a contamination source. Pathways can also determine the likelihood of the contamination source reaching a receptor.

Anthropogenic (or artificial) pathways of contaminant migration can be present in the form of land drains etc. Leaking sewage supply pipes, site drainage, granular backfill to service trenches can also provide pathways for potential contaminant migration.

The potential geological pathways are given in Table 7.3.

Table 7.3 Potential Soil Migration Pathways

Strata	Pathway
Superficial Deposits – Langley Silt Member	
Superficial Deposits – Taplow Gravel	✓
Bedrock	

Note: ✓ = Likely

In Table 7.4 the site-specific sources and pathways are given.

Table 7.4 Site Specific Sources and Pathways

Type of Attack	Standard Exposure Pathways	Source	Site Assessment	
			Likely	Comment
Oral	Direct soil and dust ingestion	Contaminants in soft landscaping areas	✓	Onsite sources from long standing carpark, offsite source of a car garage 10m W and building site.
	Consumption of home-grown produce	~~Contaminants in gardens areas~~		
Dermal	Dermal contact	Contaminants in soft landscaping areas	✓	Onsite sources from long standing carpark, offsite source of a car garage 10m W and building site.
Inhalation	Inhalation of dust (indoor and outdoor)	Contaminants in soft landscaping areas		
	Inhalation of vapours (indoor and outdoor)	Volatile compounds & Soft landscaping areas		
	Inhalation of soil gases	Soil gases (e.g. CH_4 and CO_2, VOC) within 0-250m	✓	Potential VOC's associated with the car park and vehicular garage.
Physical	Fire and explosion [1]	UXO (e.g. Bombs or projectile sites) (0-250m)[2]	✓	Numerous strikes noted 50 – 250m from the site
		Combustible material in soil	✓	Potential VOC's associated with the car park and vehicular garage.
		Soil gases (VOC) within 0-250m	✓	
	Via anthropogenic pathways (services trenches)	Contaminants & Trenches or drainage onsite	✓	Onsite sources from long standing carpark, offsite source of a car garage 10m W and building site.
	Others physical pathways[3]	Degradation of fills, blast... etc...		
Chemical	Location of service supply pipes in contaminated soils	Hydrocarbons & Pipes	✓	Onsite sources from long standing carpark, offsite source of a car garage 10m W and building site.
	Direct contact of concrete with concrete aggressive soils	Sulphate, Acids & Concrete	✓	Onsite sources from long standing carpark, offsite source of a car garage 10m W and building site.
Others	Irradiation [4]	~~Radon~~		
		~~Radioactive materials~~		
		UXO within 0-250m	✓	Numerous strikes noted 50 – 250m from the site
	Via surface water runoff	Contaminants & Gradient (Area)		
	Migration downwards via granular soils	Contaminants & Drift: Taplow Gravels	✓	Associated with the granular Taplow Gravel Formation
	Migration downwards via permeable soils and bedrock	Contaminants & Bedrock: Unproductive Strata		
		Contaminants & Groundwater vulnerability: High (U)	✓	Soils can readily transmit a wide range of pollutants, Soils associated with the Taplow Gravel Formation.
	Plant uptake and phytotoxicity [5]	Metallic contaminants		
		Soil gases within 0-250m		
	Plant uptake and ecotoxological effects [6]	Contaminants		

Notes: ✓ = Likely [1] Both underground fires and biodegradable may produce toxic or flammable gases; [2] UXO= Unexploded Ordnance: Although risk is generally low in the UK, a risk assessment (i.e. using Find map for example) may be needed if an UXO is found onsite,; [3] Blast-furnace and steel-making slag may expand. Degradation of fills may cause settlement and voids in buried tanks and drums may collapse as corrosion occurs or under loading; [4] Radioactive materials emitting gamma rays that can be inhaled and absorbed through the skin and also cause a radiation response; [5] Prevention or inhibition of plant growth; [6] Contaminants in soil may affect microbial, animal and plant populations. Ecosystems or individual species on the site, in surface waters or areas affected by migration from the site may be indirectly affected.

Table 7.5 Off-site Potential Pathways

Receptors	Off-Site Potential Pathways	Risk
Human Health Building Materials	Migration via surface water runoff (Surface flow)	✓[1]
Human Health Building Materials	Migration via air	✓
Groundwater Human Health Building Materials	Migration via groundwater flows	✓
Human Health Buildings	Migration of soil gas via permeable soils	✓

Notes: ✓ = Likely [1]Soils associated with the superficial Langley Silt Formation

7.4 Potential Receptors

The presence of potential receptors has been evaluated from our understanding of the current and planned land use of the site, an assessment of surrounding land uses and currently available information pertaining to the site. The assessment for potential receptors has been included in Table 7.6.

Table 7.6 Potential Receptors

Potential Receptor		Risk
Human Health	Future users of the site	✓
	Visitors to the site	✓
	Construction workers on site	✓
	Service and maintenance workers	✓
	Site neighbours and wider public	✓
Groundwater/Controlled Waters	Groundwater/Future Potable Water Supply	✓
	Surface Water	✓
Buildings & Materials	Construction materials	✓
	Buildings and confined spaces	✓
Ecosystems	Flora and fauna in surface water	

Notes: ✓ = Likely

7.5 Preliminary Risk Assessment

A preliminary risk assessment has been undertaken relating to the proposed development based on a qualitative assessment of the likely presence of a pollutant linkage. A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements was considered in Sections 7.2, 7.3 and 7.4. The approach adopted was to screen the site based on assigning a risk category. The preliminary risk assessment is presented in Table 7.7 with the classification tables presented in Appendix E, which have been modified from, 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

Table 7.7 Risk Assessment

Source	Direction	Distance (m)[1]	Pathway	Receptor	Risk	Reasoning
Minor fuel spills from parked cars	-	Onsite	✓	✓	Very Low	Onsite source of PAH, VOC's and TPH's.
Onsite building Site	-	Onsite	✓	✓	Low	Onsite source of PAH, VOC's, TPH's and metals and made ground and asbestos.
Garage	W	10	✓	✓	Low	Offsite source of PAH, TPH's and VOC's within very close proximity of the site.

Notes: ✓ = Likely. [1] Approximately from boundary of the site. There can only be a risk if there is both a pathway and a receptor present

7.6 Potential Contamination

From the Risk Assessment presented in Table 7.7, the main groups of associated contaminants are presented in Table 7.8. The associated contaminates have been based on DOE industry profiles or on knowledge of the processes involved in the activity carried out onsite.

Table 7.8 Potential Contaminants or Properties

Contaminants/Chemical Properties		Potential Contaminative Sources
P1	Metals and semi-metals (e.g. arsenic, chromium)	Onsite construction activities
P2	Non-chlorinated solvents	Vehicular garage located near the site and maintenance of building site machinery
P3	Organic compounds (e.g. chlorinated solvents)	Vehicular garage located near the site. Onsite contamination from minor car spills.
P4	Organic solvents (e.g. chlorinated solvents)	
P5	Soil Gas	
P6	Asbestos	Onsite building activities

Note: P=Properties

7.7 Preliminary Conceptual Site Model

The preliminary conceptual site model, including linkages that require further action, are presented in Table 7.9.

Table 7.9 Preliminary Conceptual Site Model and Risk Assessment Methodology

Potential Contaminants (Table 7.8)	Pathway (See Tables 7.3, 7.4 & 7.5)	Receptor (See Table 7.6)	Risk Assessment Methodology (plus anticipated quantitative risk assessment methods)	Site specific settings	Risk Classification: Based on Desk Study	Pollutant Linkage & Action Required
P1, P2, P3, P4	Uptake (root and stomata), ingestion, inhalation and dermal	Ecological features (i.e. Flora and Fauna)	Presence of SSSI, Nature reserves and others within 0- 250m to the site.	No ecological features noted within 250m of site	None	No Further Action Required
P2, P3, P4	Chemical attack	Building structures/services	BRE SD1 2005 for risk assessment. Water UK (2014) for pipes. Use Anglian Water trigger for services risk assessment	Commercial Development	Low	**Further investigation required.** Phase II investigation required
P1, P2, P3, P4	Inhalation, ingestion and dermal contact	Human health Site residents	Use CLEA for human risk assessment	Commercial Development	Low	**Further investigation required.** Phase II investigation required
P6		Human Health Workers	Assessment not within the scope of this Desk study (responsibility of building contractor). Ground workers should follow regulations on health and safety during development (HSE, 1991)	Workers and the general public should follow regulation on health and safety during development (HSE, 1991)	Low to moderate	Follow HSE Procedures
P1, P2, P3, P4	Leaching (direct precipitation, overland flow and through flow)	Shallow groundwater	Assess distance from watercourse and direction of flow – Consider use of R&D 20 publication and EA remediation target for risk assessment	Surface water features were not noted within 250m of site. Taplow Gravel Formation has a vulnerability of Soils with High Leaching Potential (U)	Low	**Further investigation required.** Phase II investigation required
P1, P2, P3, P4	Leaching (direct precipitation, overland flow, through and groundwater flow)	Deep groundwater	Undertake groundwater or leachate testing depending on site specific ground conditions. Consider use of R&D 20 publication and EA remediation target for risk assessment if contamination is identified.	Impermeable London clay Formation and Unproductive strata designation	None	No Further Action Required
P5	Through fissures, shafts, high permeability strata and inhalation	Human and Building Structures	Current or former Landfill sites within 0-250m to the site. Assess nature/age/size of site for Risk Assessment. Use CIRIA 149 & 665 to assess need for gas protection measures where necessary following ground gas testing	A vehicle garage was noted within close proximity of the site and a busy onsite carpark means that there is a potential risk for soil gas specifically VOC's	Very Low	**Further investigation required.** Phase II investigation required

Note: P1: Metals and semi-metals P2: Non-chlorinated solvents P3: Organic compounds P4: Organic solvents, P5: Soil Gas. HSE = Health and Safety Executive

Section 8 Recommendations

8.1 General

Based on the information obtained during the compilation of this Phase I Desk Study and the preliminary conceptual site model, an intrusive investigation is required to quantify the risks. The intrusive investigation may reveal on site sources of contamination that were not identified in the Phase I Desk Study and Site Walkover that could modify the Conceptual Site Model.

8.2 Impact of Construction Activities on Controlled Water and Site Neighbours

A construction risk assessment must be undertaken and appropriate measures taken to mitigate against mobilisation and to monitor impact to groundwater and surface waters.

8.3 Proposed Further Site Works

An intrusive investigation was required to quantify the risks that have been identified within the preliminary CSM. The preliminary CSM identifies the test parameters relevant to the sources that have a pathway to a receptor. Dependant on the findings of an intrusive investigation the test parameters may be modified. The intrusive investigation will investigate and assess pollutant linkages identified in the preliminary Conceptual Site Model.

The required further environmental investigation has been presented in Table 8.1.

Table 8.1 Required Further Environmental Investigation

Potential Further works	General Purpose	Required
Investigatory Holes	Collect sufficient samples for a robust assessment	✓
Laboratory Testing	Quantify the risks identified in the Conceptual Site Model	✓
Risk Assessment	Assess pollutant linkages based on current contaminated land guidance and screening criteria's	✓
Borehole well installation	To allow for continued groundwater and/or gas monitoring	✓
Remediation	If the site-specific risk assessment reveals that the site was contaminated	If required
Validation & Verification	To validated and verify the remedial objectives based on the site-specific risk assessment	If required

8.4 Discovery Strategy

There may be areas of contamination not identified during the course of the investigation. Such occurrences may also be discovered during the demolition and construction phases for the redevelopment of the site.

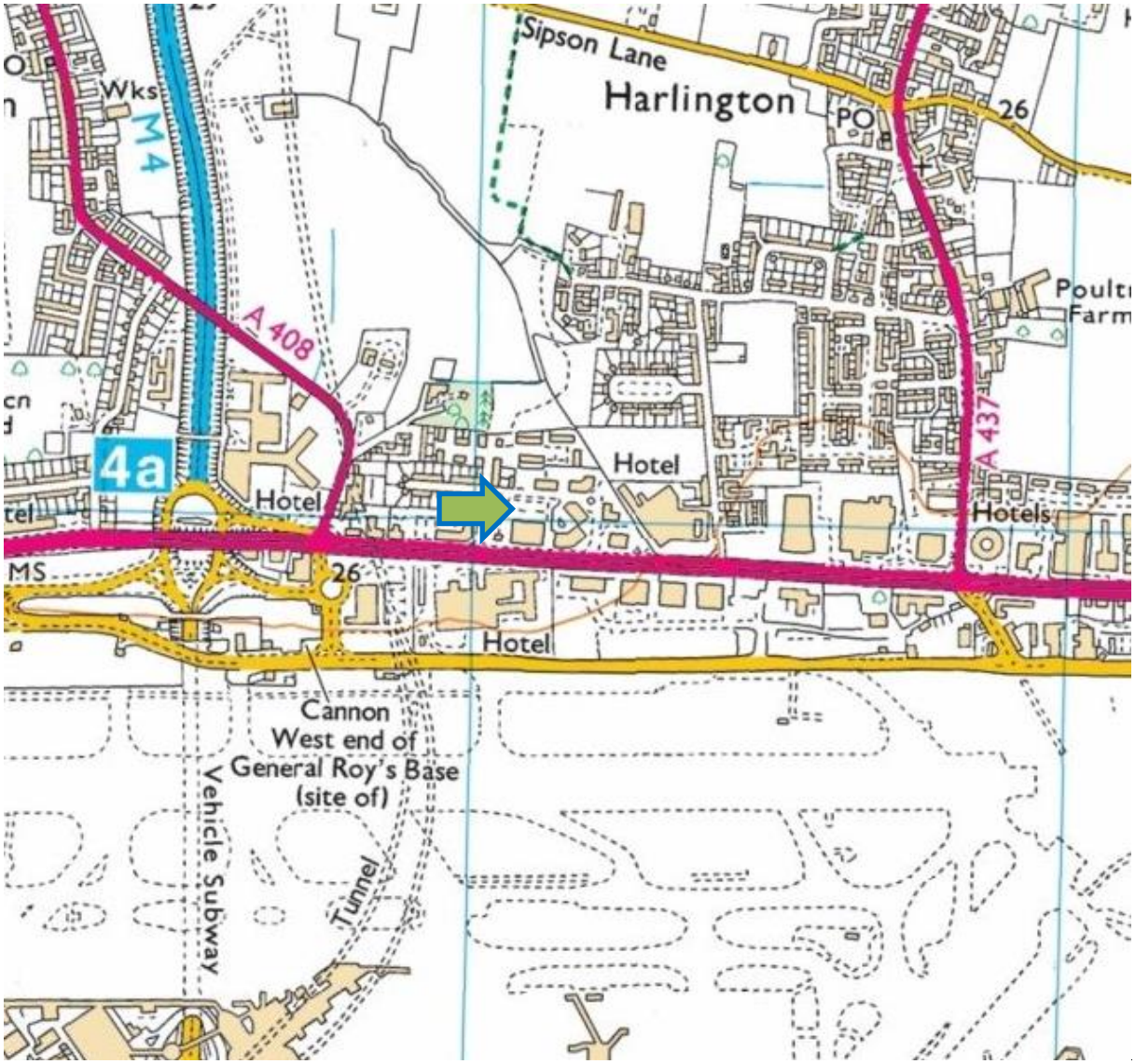
Care should be taken during excavation works especially to investigate any soils, which appear by eye (e.g. such as fibrous materials, large amounts of ash and unusual

discolouration), odour (e.g. fuel, oil and chemical type odours or unusual odours such as sweet odours or fishy odours) or wellbeing (e.g. light headedness and/or nausea, burning of nasal passages and blistering or reddening of skin due to contact with soil) to be contaminated or of unusual and/or different character to standard soils or those analysed.

In the event of any discovery of potentially contaminated soils or materials, this discovery should be quarantined and reported to the most senior member of site staff or the designated responsible person at the site for action. The location, type and quantity must be recorded and the Local Authority, a competent and appropriate third party Engineer/Environmental consultant notified immediately. An approval from the Local authority must be sought prior to implementing any proposed mitigation action.

The discovery strategy must remain on site at all times and must demonstrate a clear allocation of responsibility for reporting and dealing with contamination. A copy of the strategy must be placed on the health and safety notice board and /or displayed in a prominent area where all site staff are able to take note of and consult the document at any time. Any member of the workforce entering the site to undertake any excavation must be made aware of the potential to discover contamination and the discovery strategy.

Figure 1 - Site Location Plan



Project
Proposed Hotel Extension, Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP

Date
April 2017

Client
SJ Group c/o RDP Architects Limited

Reference
16149



Figure 2 - Proposed Development

Project
Proposed Hotel Extension, Heathrow Point West, 234 Bath Road, Harlington, Hayes, Greater London UB3 5AP

Client
SJ Group c/o RDP Architects Limited

Title
Proposed Development

Date
April 2017

Job Number
16149

Appendix A Country Series and Ordnance Survey 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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

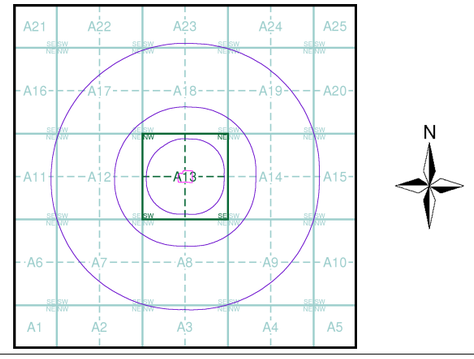
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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

soils LIMITED
Geotechnical & Environmental Consultants

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868 - 1869	3
Buckinghamshire	1:10,560	1881	4
Middlesex	1:10,560	1897	5
Buckinghamshire	1:10,560	1900	6
Middlesex	1:10,560	1915 - 1920	7
Middlesex	1:10,560	1915 - 1920	8
Middlesex	1:10,560	1915	9
Middlesex	1:10,560	1932 - 1935	10
Buckinghamshire	1:10,560	1932	11
Middlesex	1:10,560	1935	12
Middlesex	1:10,560	1938	13
Middlesex	1:10,560	1938	14
Historical Aerial Photography	1:10,560	1948	15
Historical Aerial Photography	1:10,560	1948	16
Ordnance Survey Plan	1:10,000	1960	17
Ordnance Survey Plan	1:10,000	1965	18
Ordnance Survey Plan	1:10,000	1970	19
Ordnance Survey Plan	1:10,000	1975	20
London	1:25,000	1985	21
Ordnance Survey Plan	1:10,000	1989	22
10K Raster Mapping	1:10,000	1999	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2017	25

Historical Map - Slice A



Order Details

Order Number: 119677965_1_1
Customer Ref: 15433
National Grid Reference: 508080, 176990
Slice: A
Site Area (Ha): 0.95
Search Buffer (m): 1000

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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
- Single-track Railroad
- Double-track 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

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
- Main Highway
- Highway under Construction
- Improved Dirt Road (former truck road)
- Double-track Railroad with First Class Station
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment
- Direction and velocity of current
- 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

TQ07_London

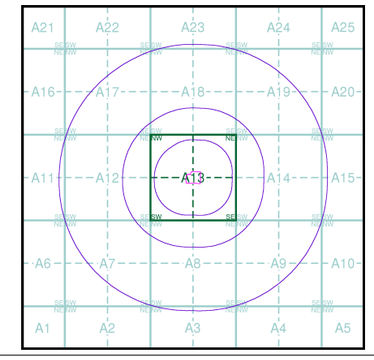
No.	Description
52	Depot (Fire Service)

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868 - 1869	3
Buckinghamshire	1:10,560	1881	4
Middlesex	1:10,560	1897	5
Buckinghamshire	1:10,560	1900	6
Middlesex	1:10,560	1915 - 1920	7
Middlesex	1:10,560	1915 - 1920	8
Middlesex	1:10,560	1915	9
Middlesex	1:10,560	1932 - 1935	10
Buckinghamshire	1:10,560	1932	11
Middlesex	1:10,560	1935	12
Middlesex	1:10,560	1938	13
Middlesex	1:10,560	1938	14
Historical Aerial Photography	1:10,560	1948	15
Historical Aerial Photography	1:10,560	1948	16
Ordnance Survey Plan	1:10,000	1960	17
Ordnance Survey Plan	1:10,000	1965	18
Ordnance Survey Plan	1:10,000	1970	19
Ordnance Survey Plan	1:10,000	1975	20
London	1:25,000	1985	21
Ordnance Survey Plan	1:10,000	1989	22
10K Raster Mapping	1:10,000	1999	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2017	25

Russian Map - Slice A



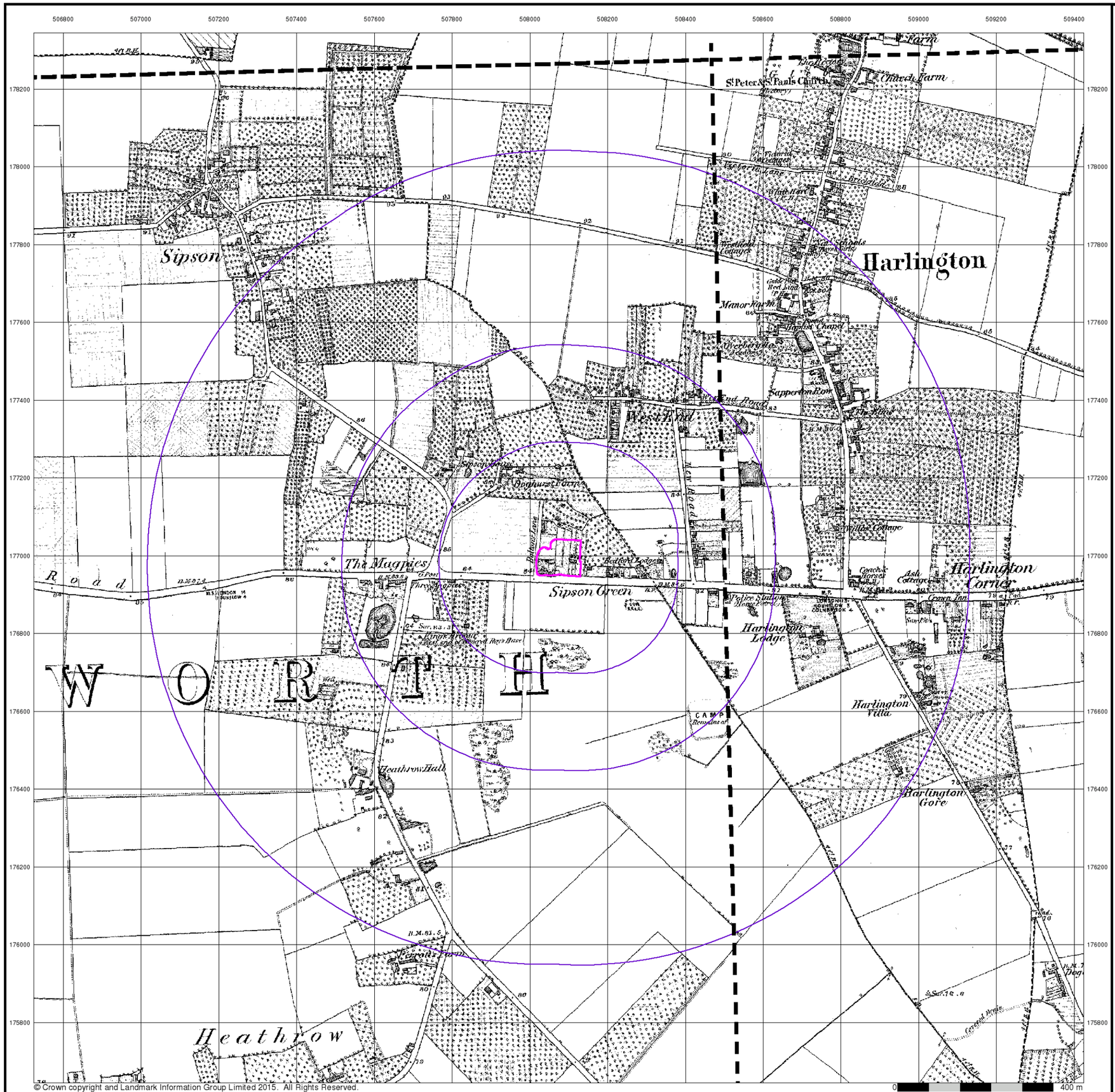
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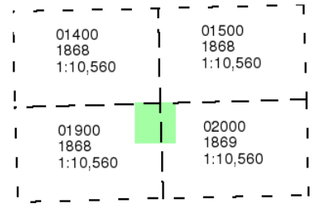
Middlesex

Published 1868 - 1869

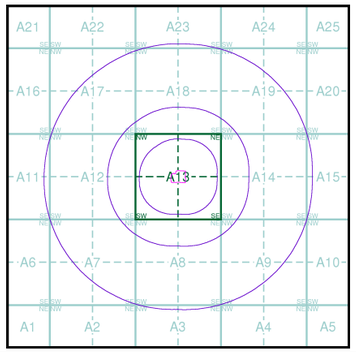
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



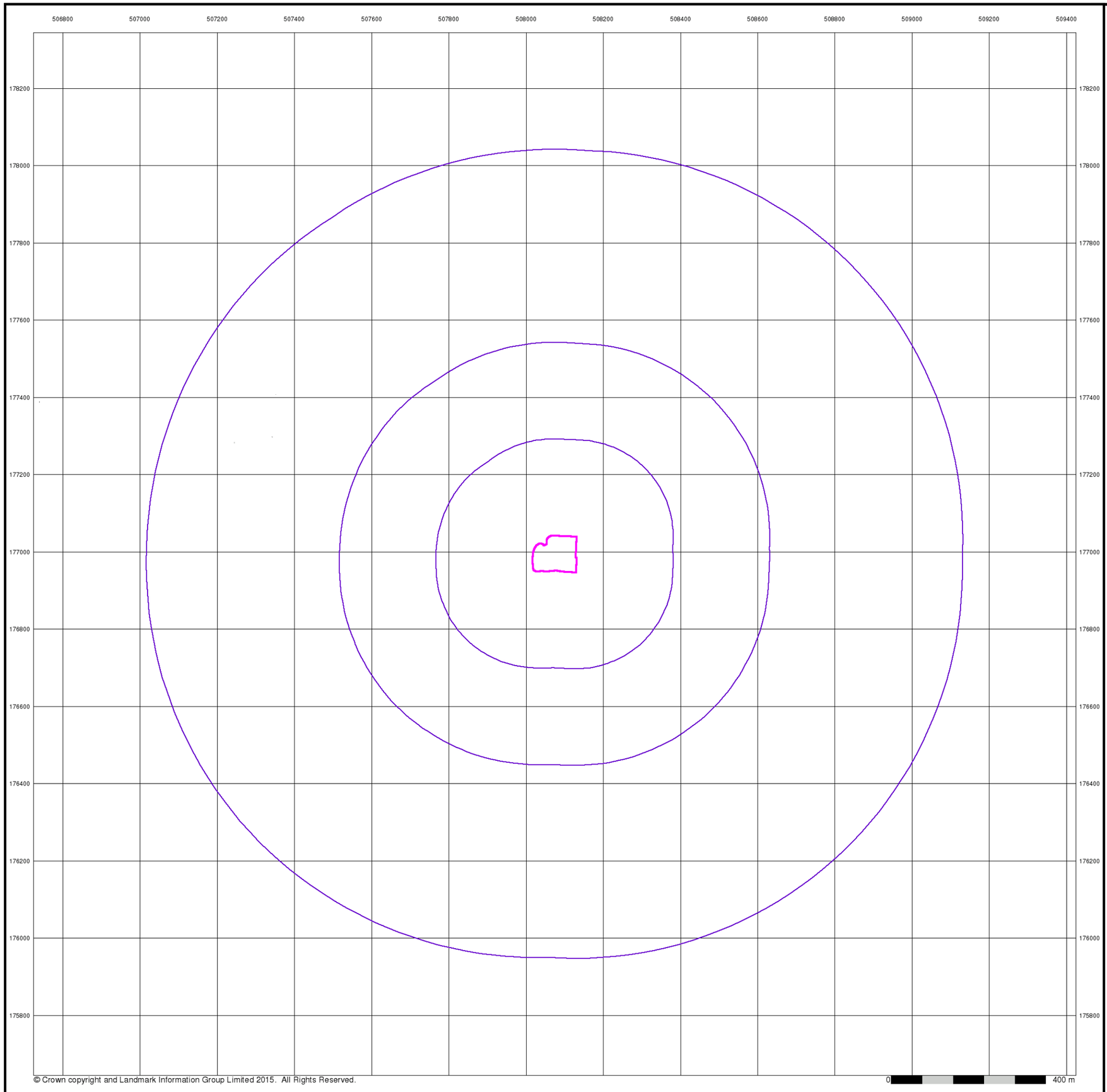
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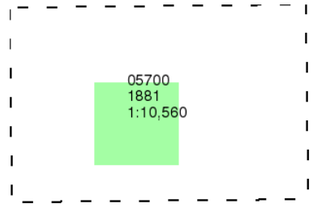
Buckinghamshire

Published 1881

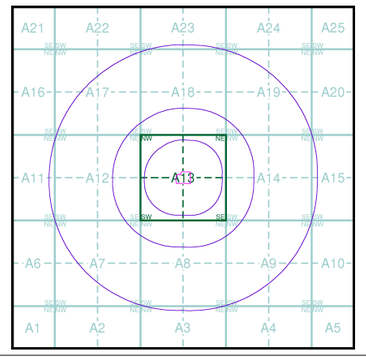
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



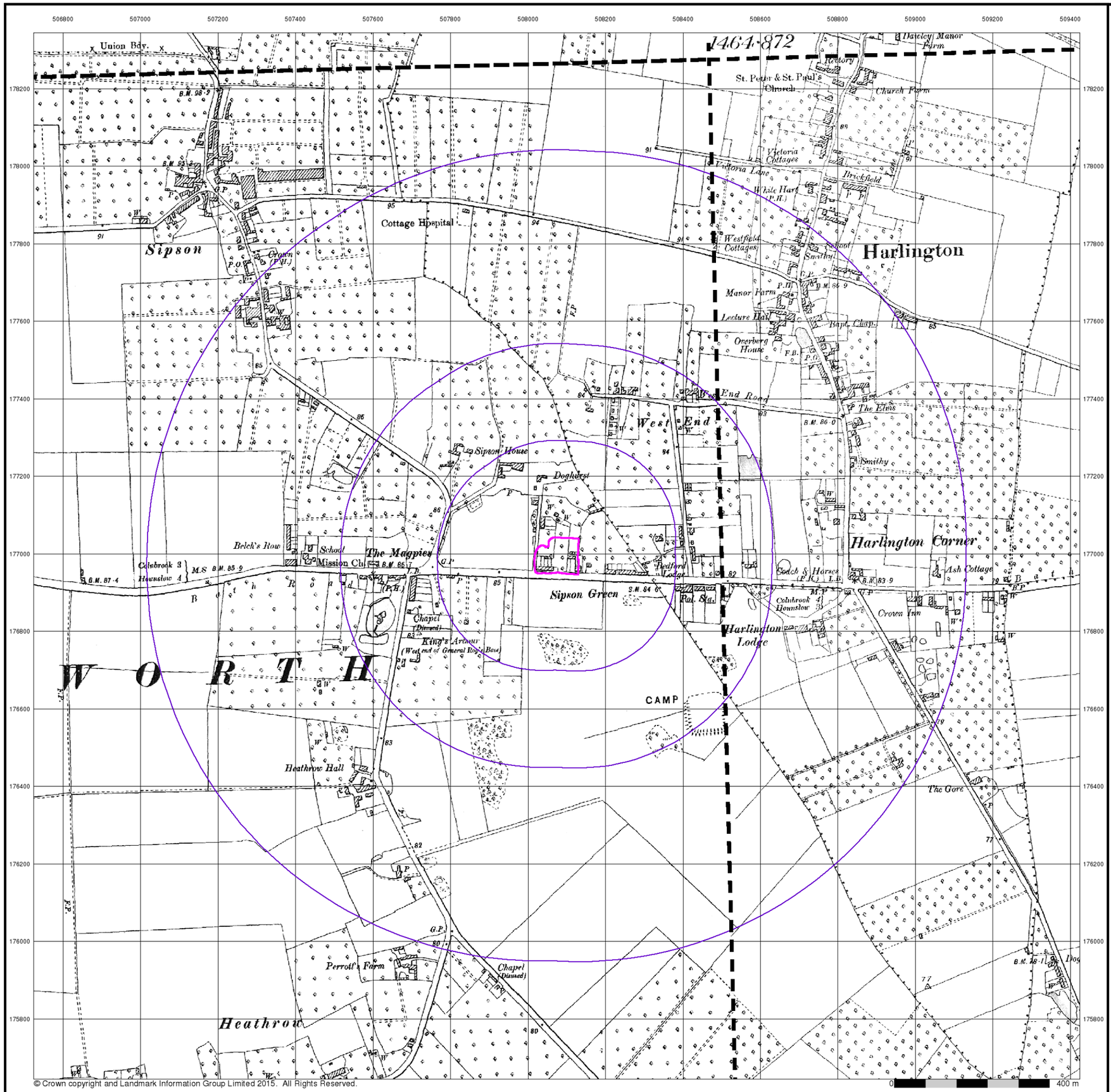
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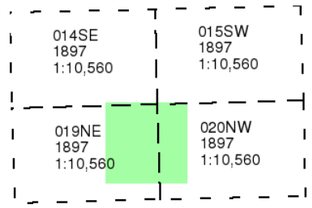
Middlesex

Published 1897

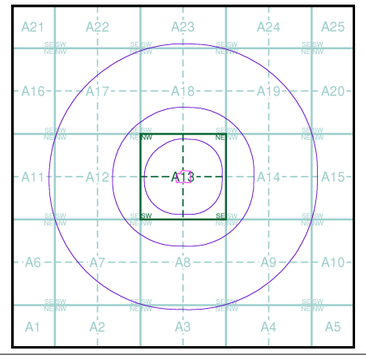
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



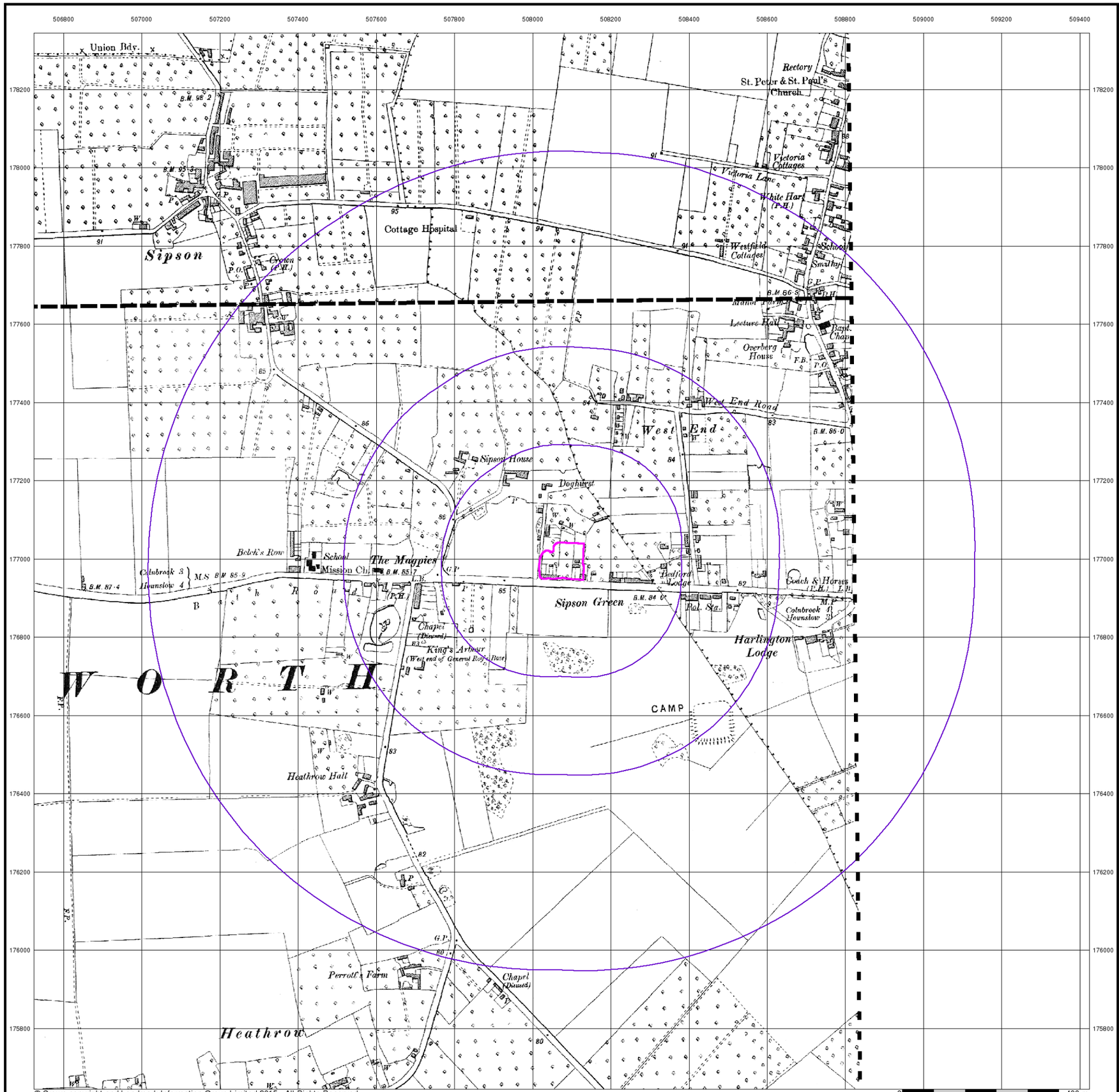
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Buckinghamshire

Published 1900

Source map scale - 1:10,560

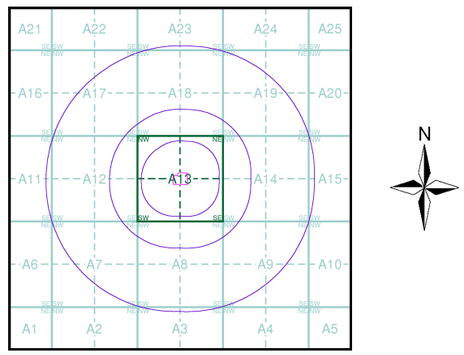
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Map Name(s) and Date(s)

057NW
1900
1:10,560

057SW
1900
1:10,560

Historical Map - Slice A



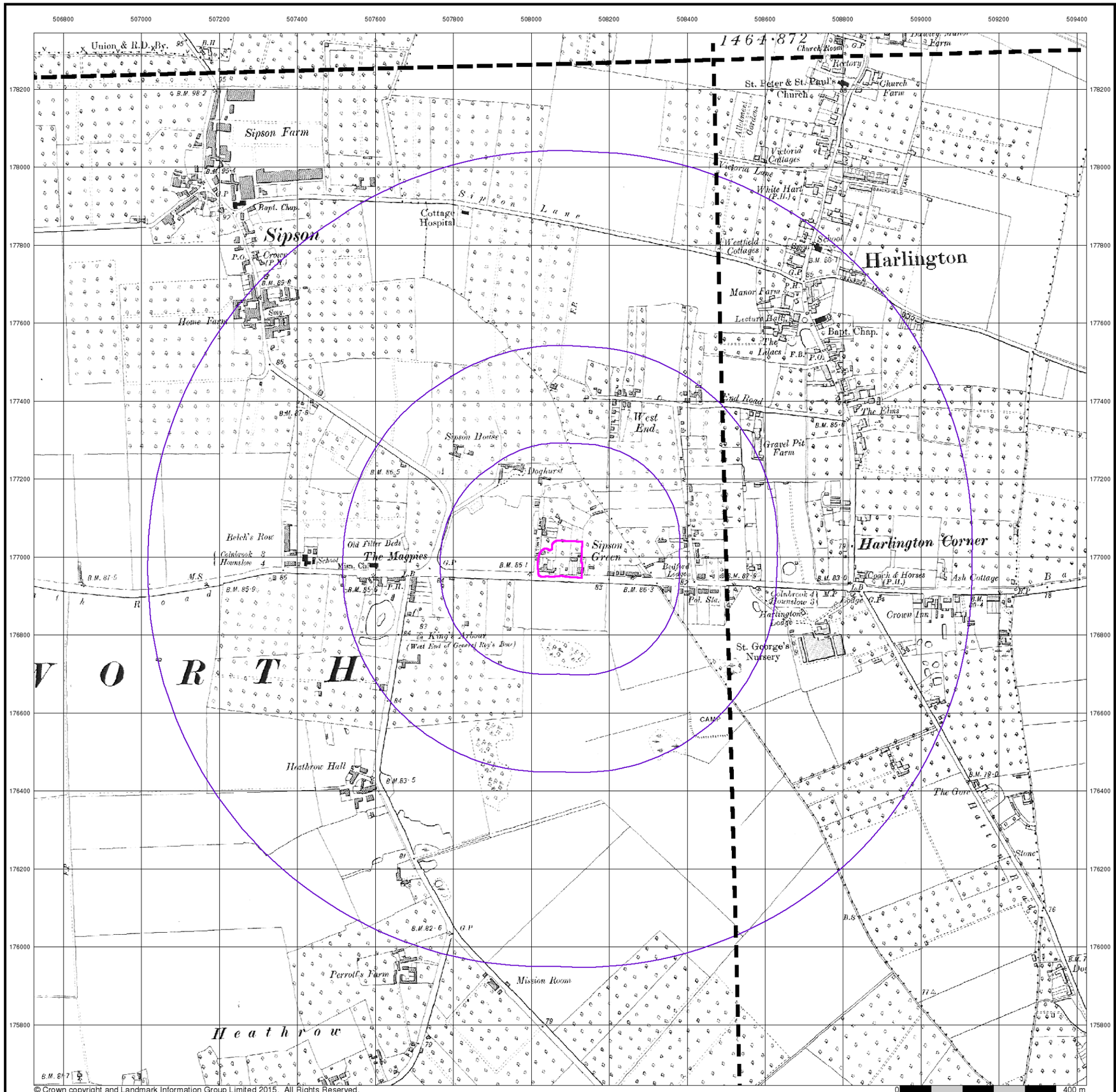
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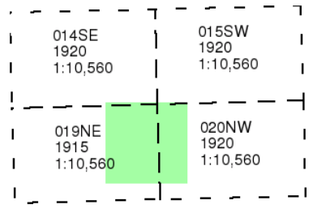
Middlesex

Published 1915 - 1920

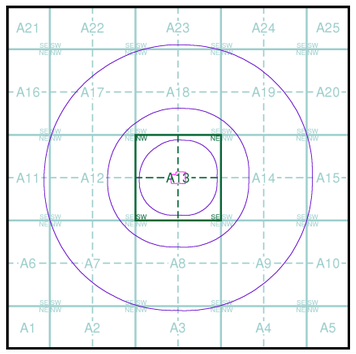
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



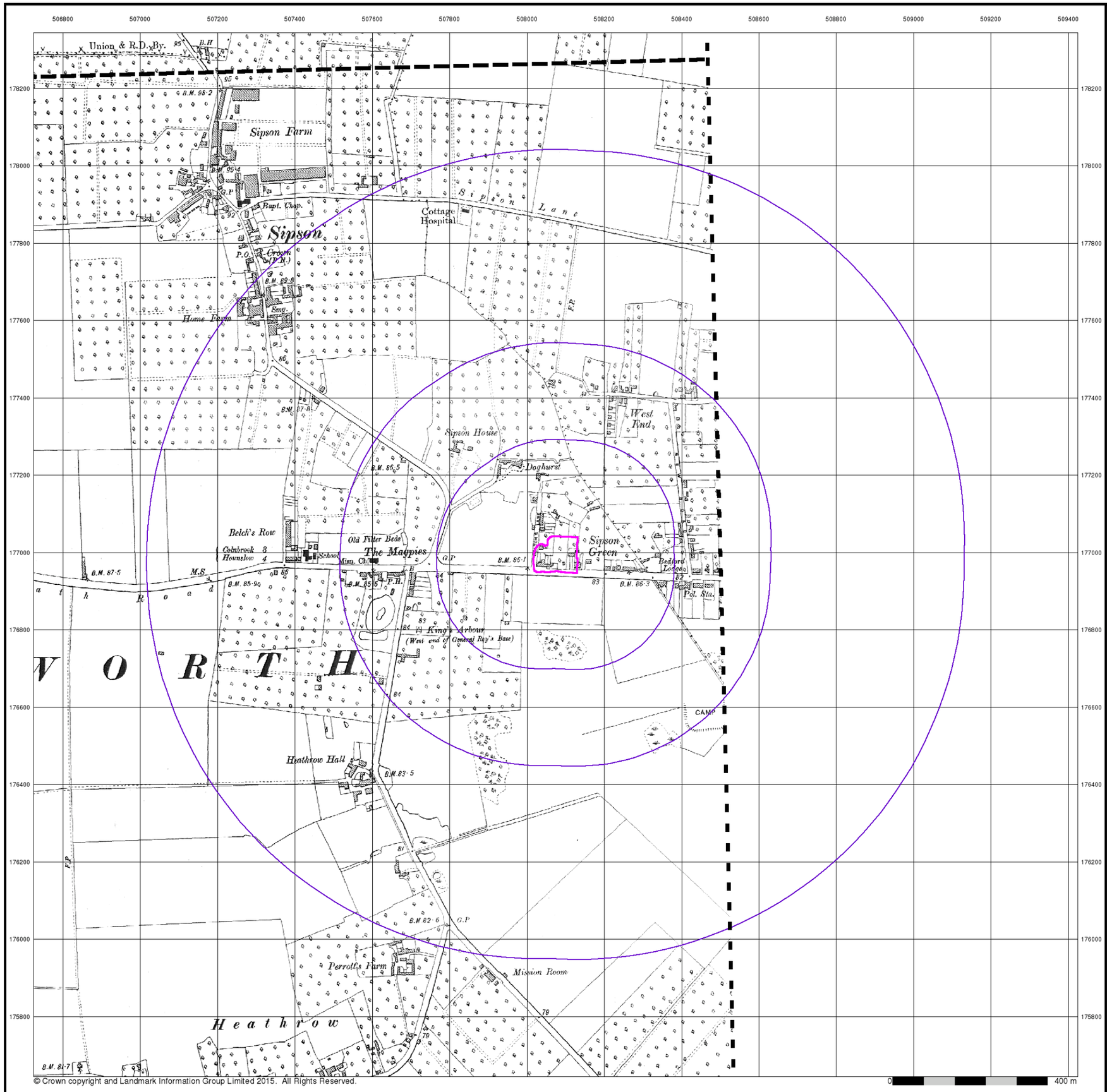
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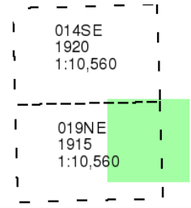
Middlesex

Published 1915 - 1920

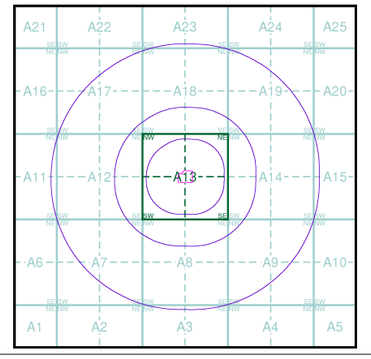
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Historical Map - Slice A



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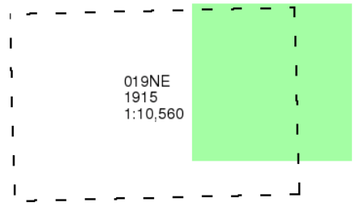
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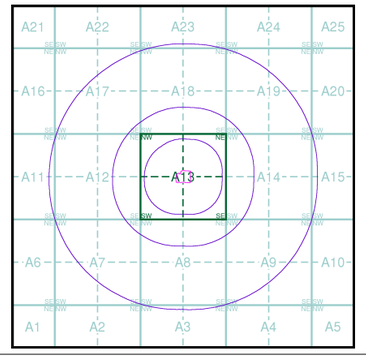
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Historical Map - Slice A



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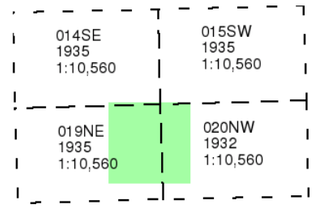
Middlesex

Published 1932 - 1935

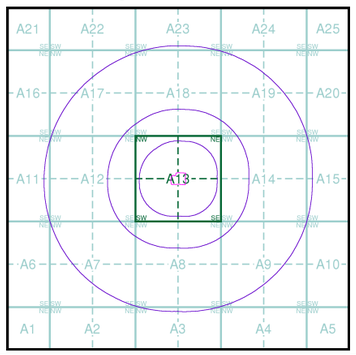
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Map Name(s) and Date(s)



Historical Map - Slice A



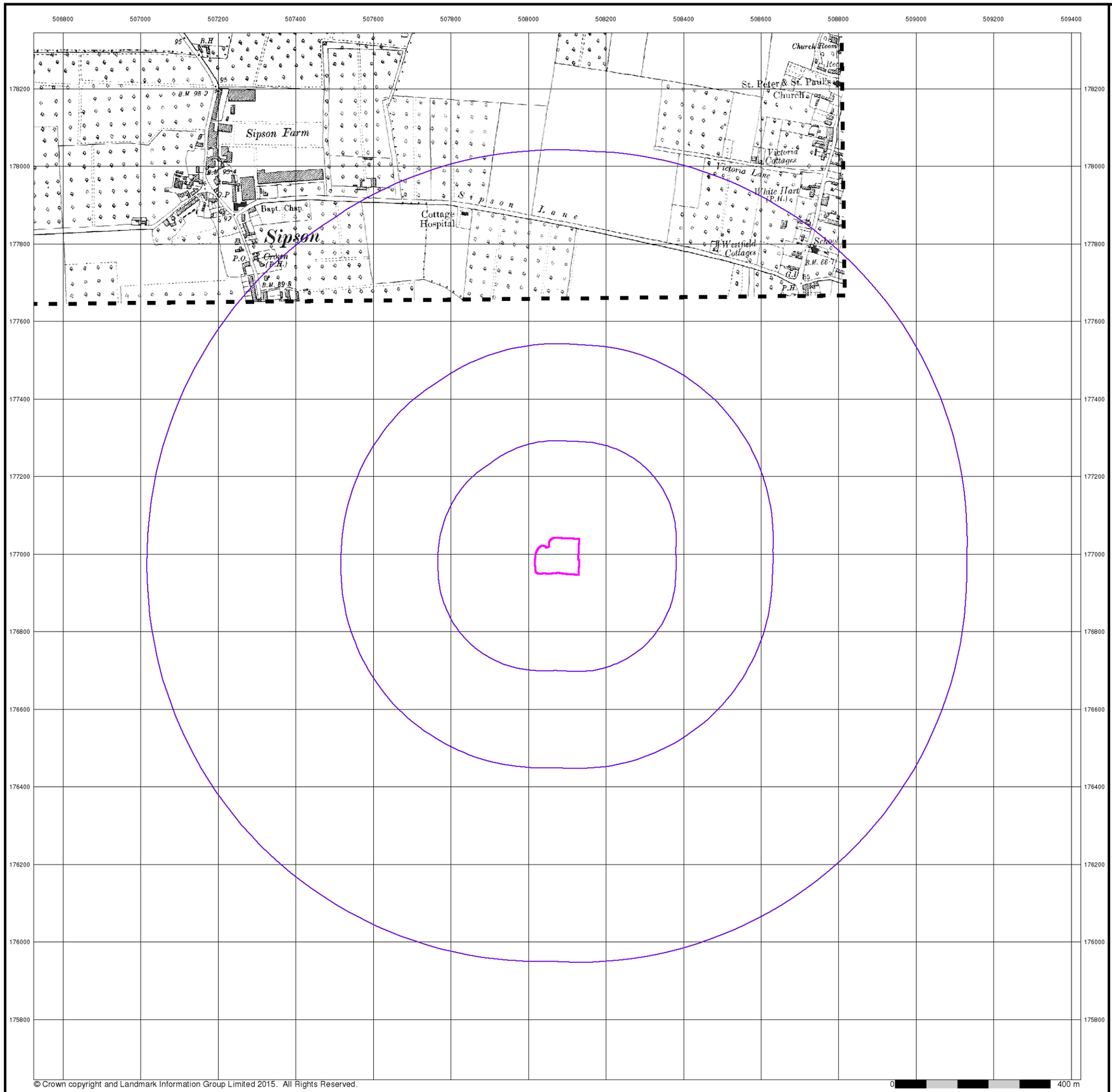
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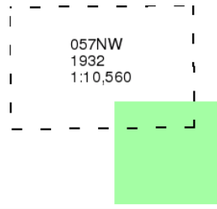
Buckinghamshire

Published 1932

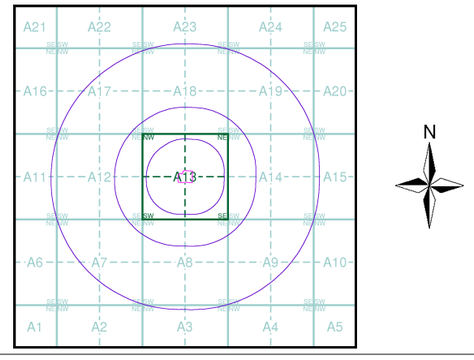
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Historical Map - Slice A



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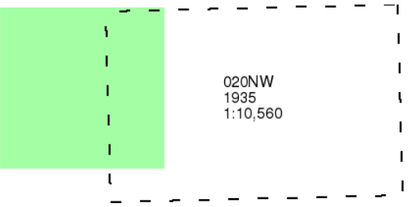
Middlesex

Published 1935

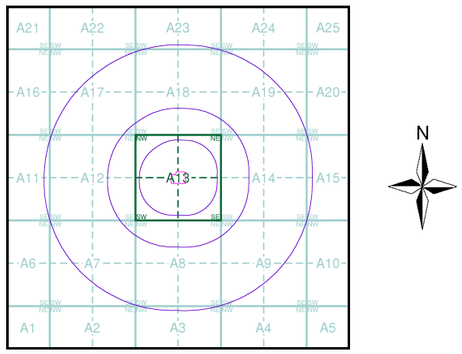
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Map Name(s) and Date(s)



Historical Map - Slice A



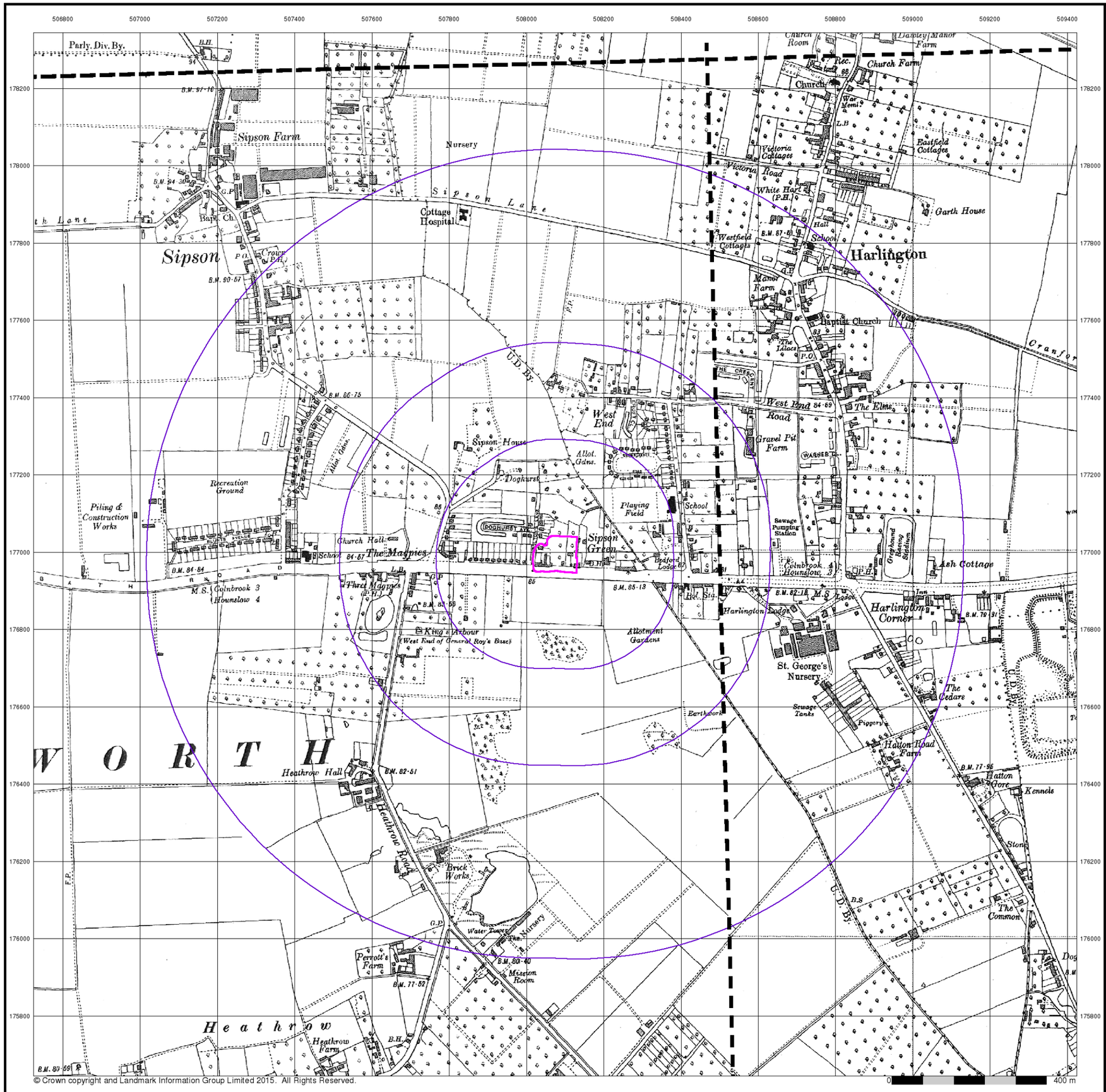
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Search Buffer (m):	1000

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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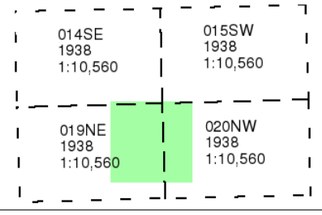
Middlesex

Published 1938

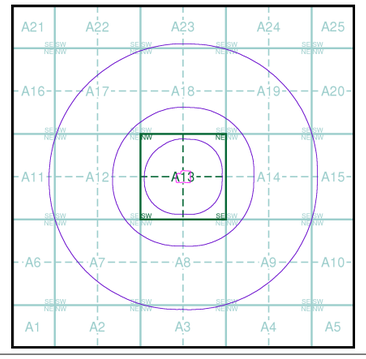
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



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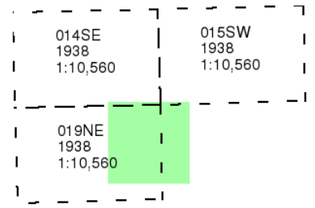
Middlesex

Published 1938

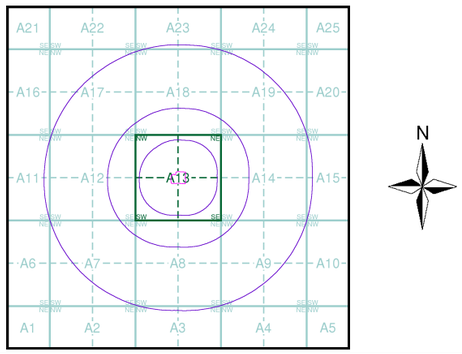
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Map Name(s) and Date(s)



Historical Map - Slice A



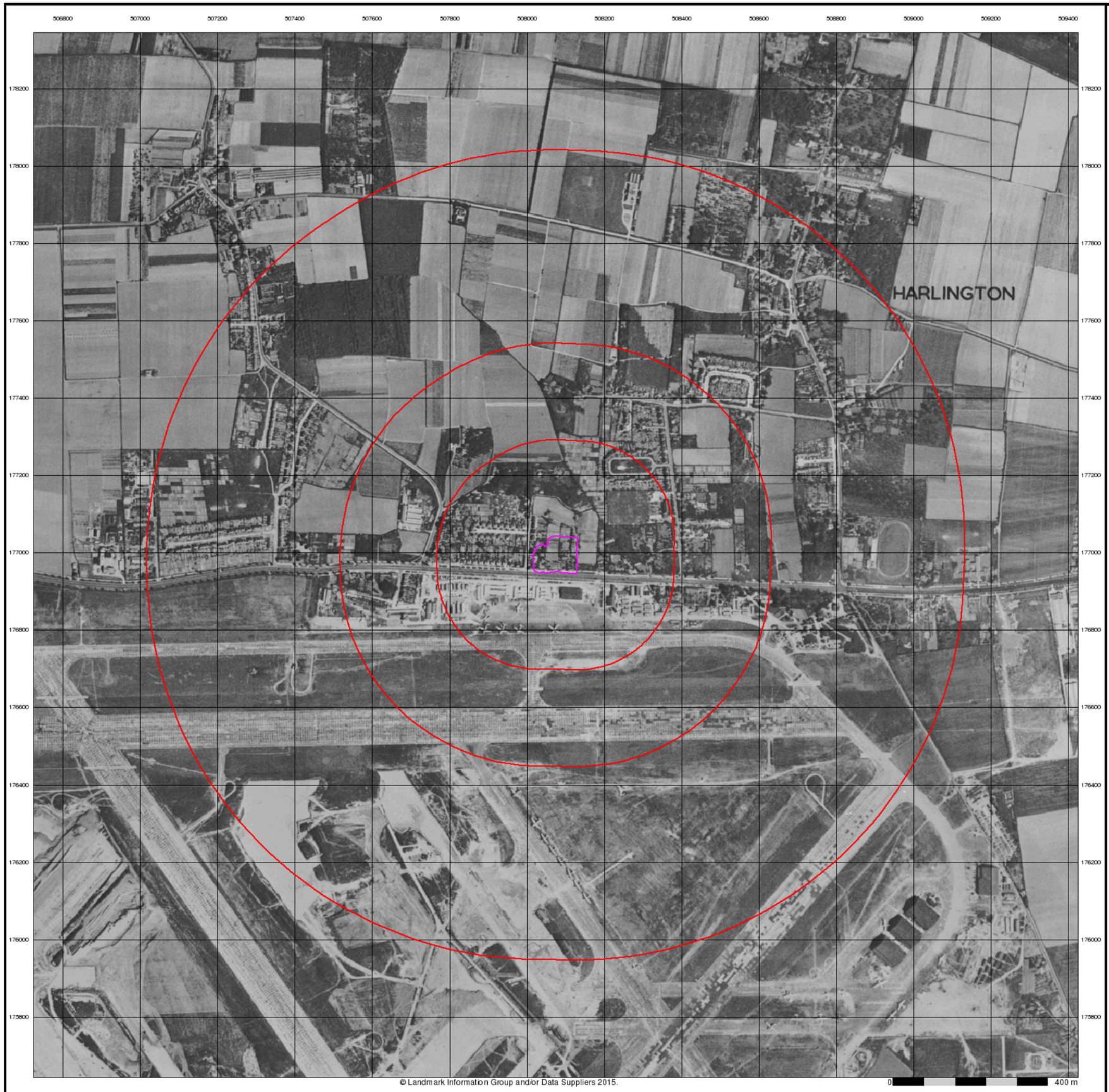
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Historical Aerial Photography

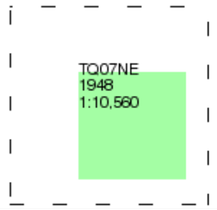
Published 1948

Source map scale - 1:10,560

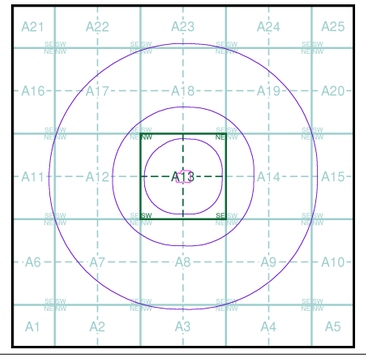
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



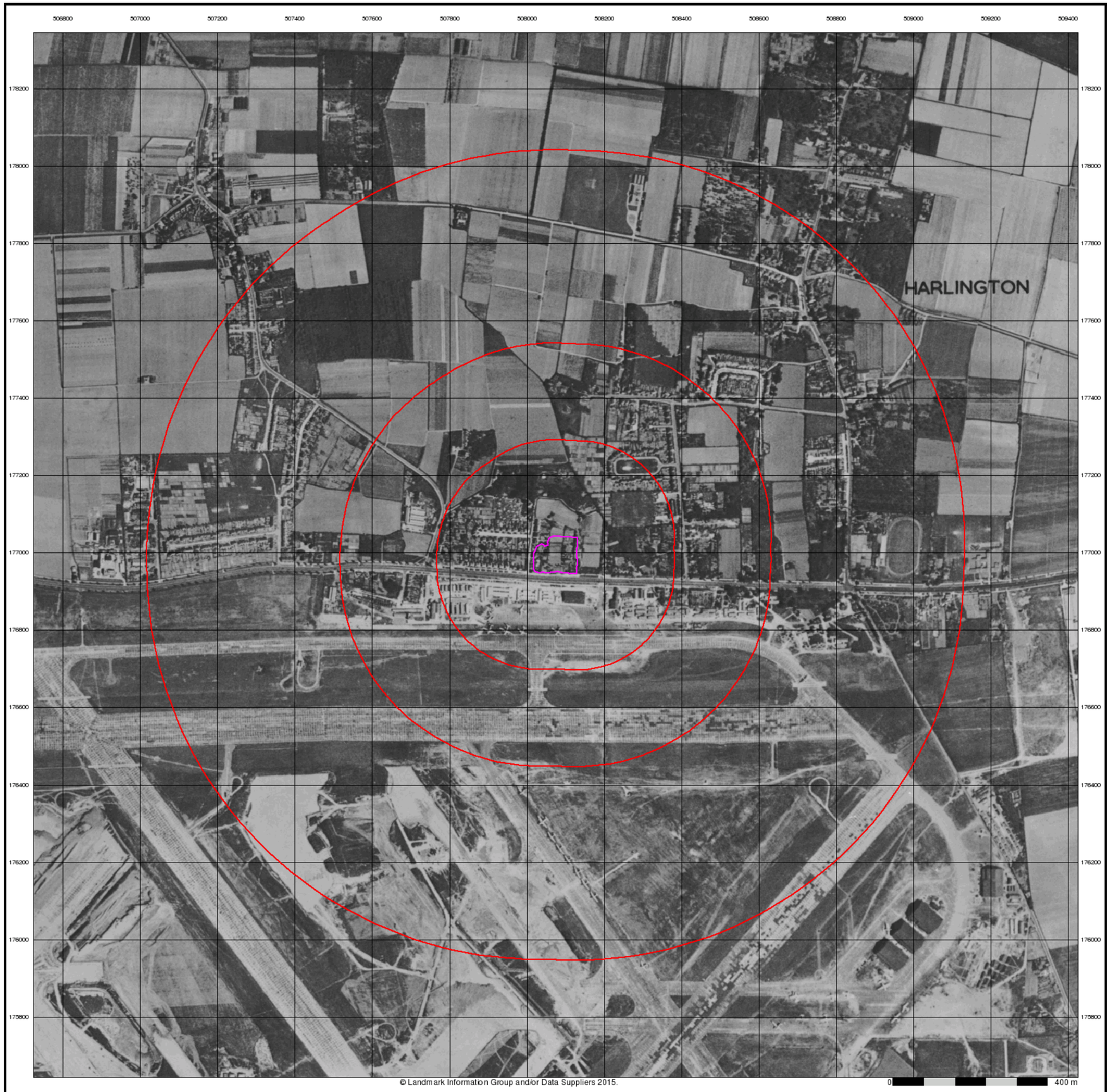
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Historical Aerial Photography

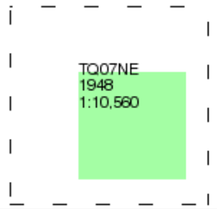
Published 1948

Source map scale - 1:10,560

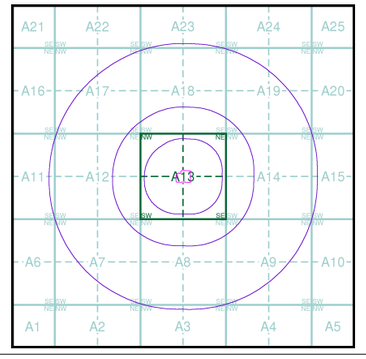
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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A

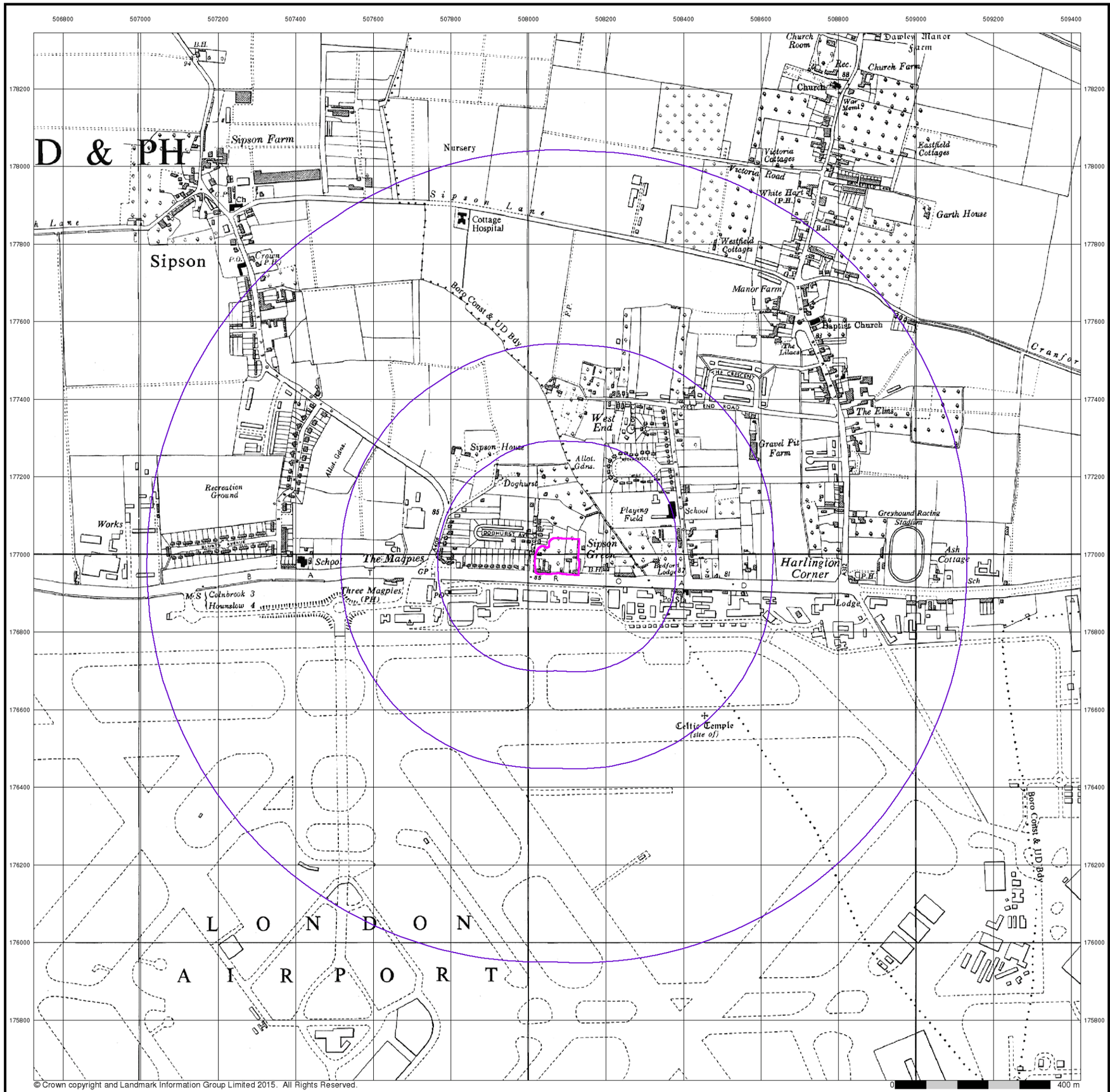


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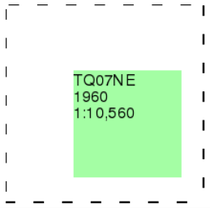
Ordnance Survey Plan

Published 1960

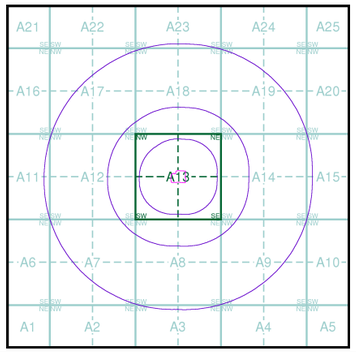
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



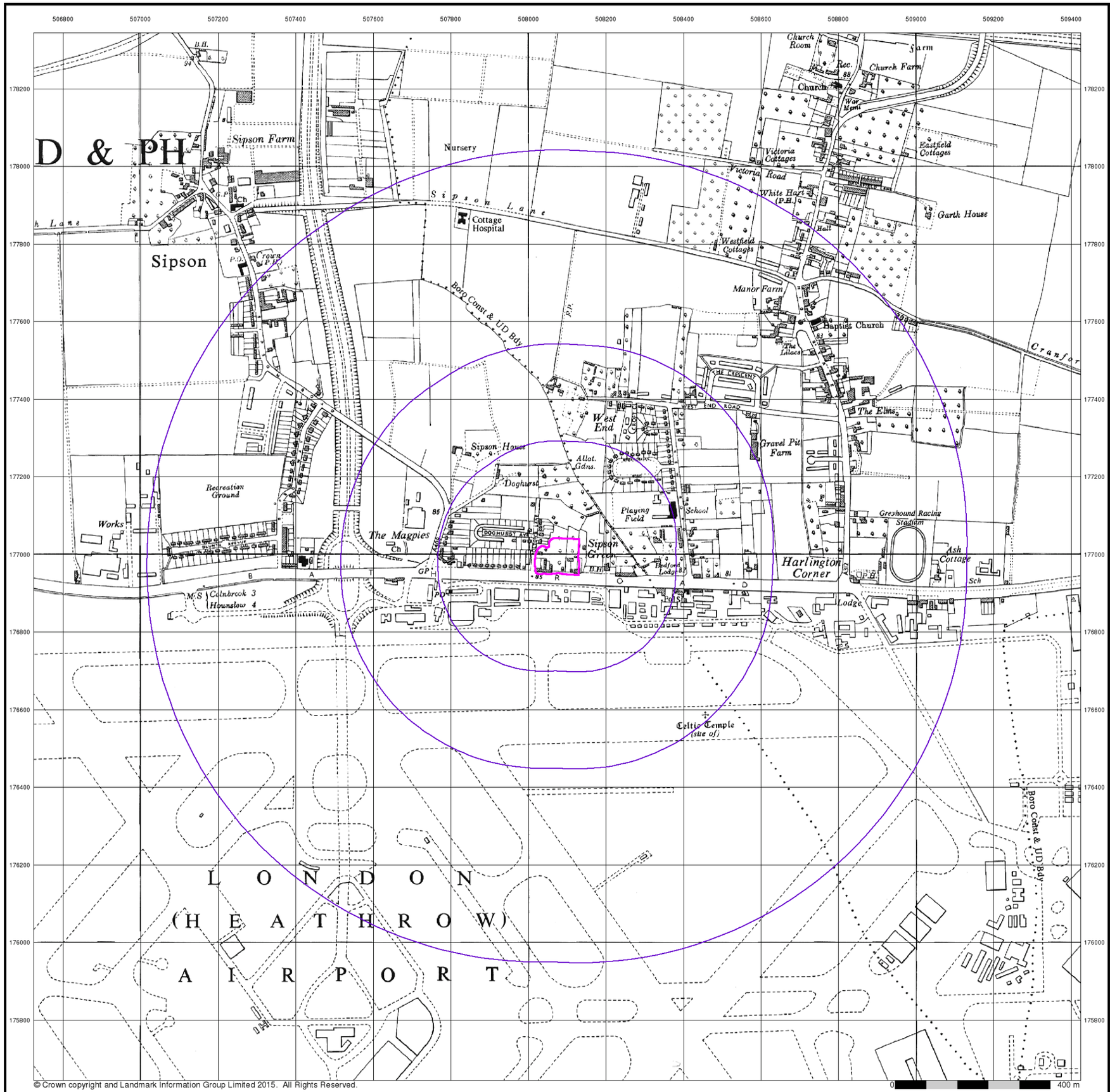
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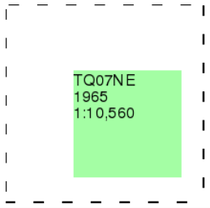
Ordnance Survey Plan

Published 1965

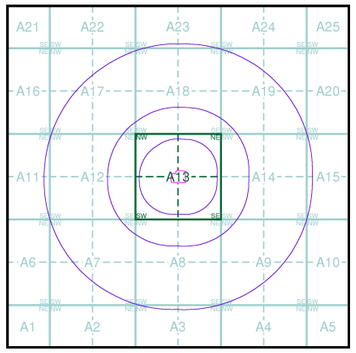
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



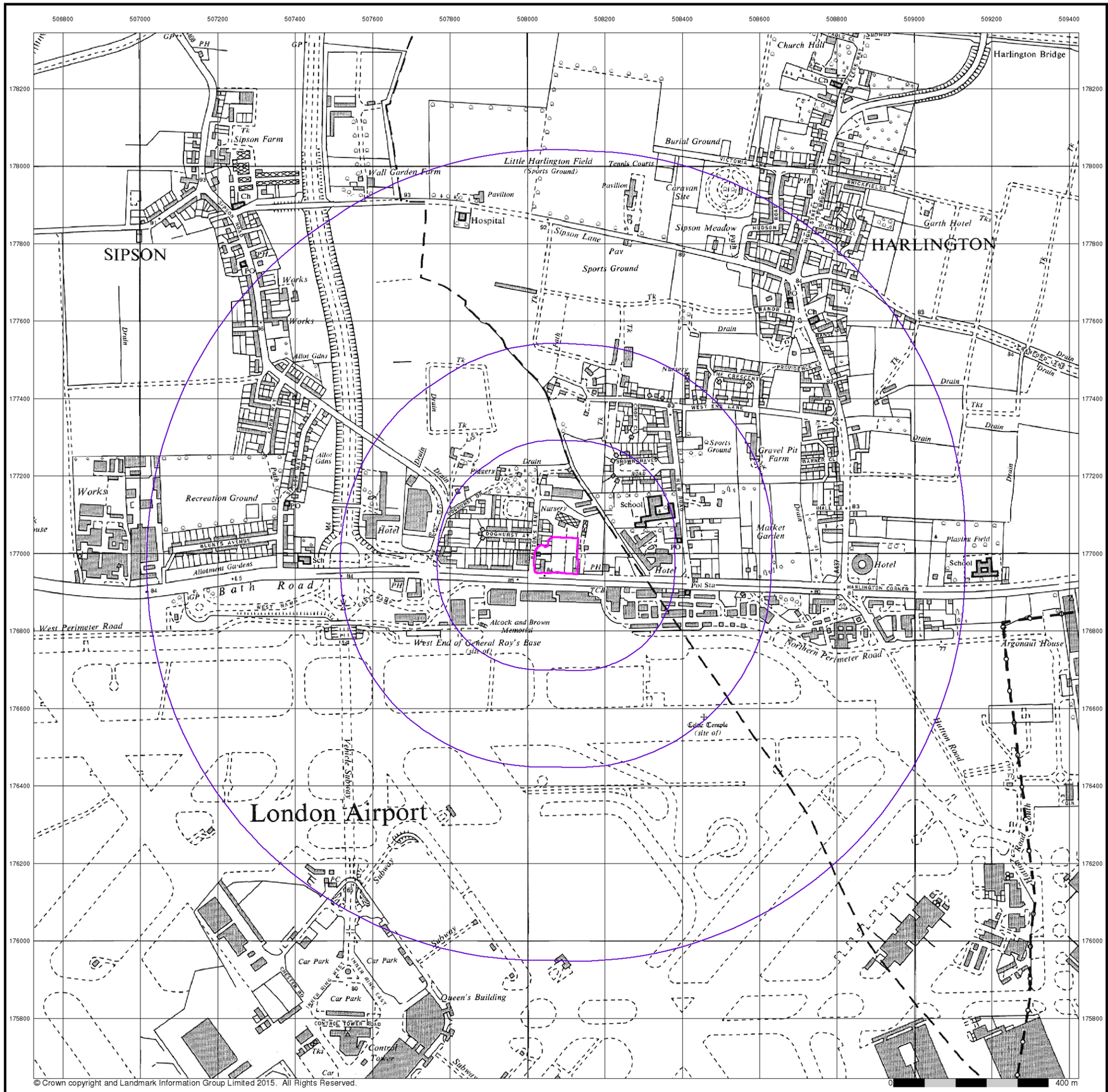
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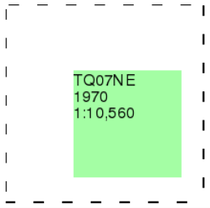
Ordnance Survey Plan

Published 1970

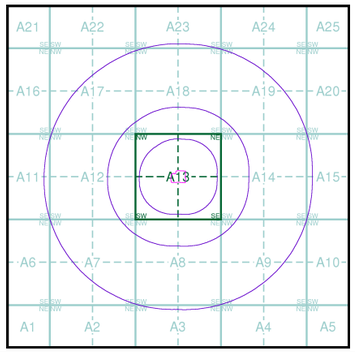
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



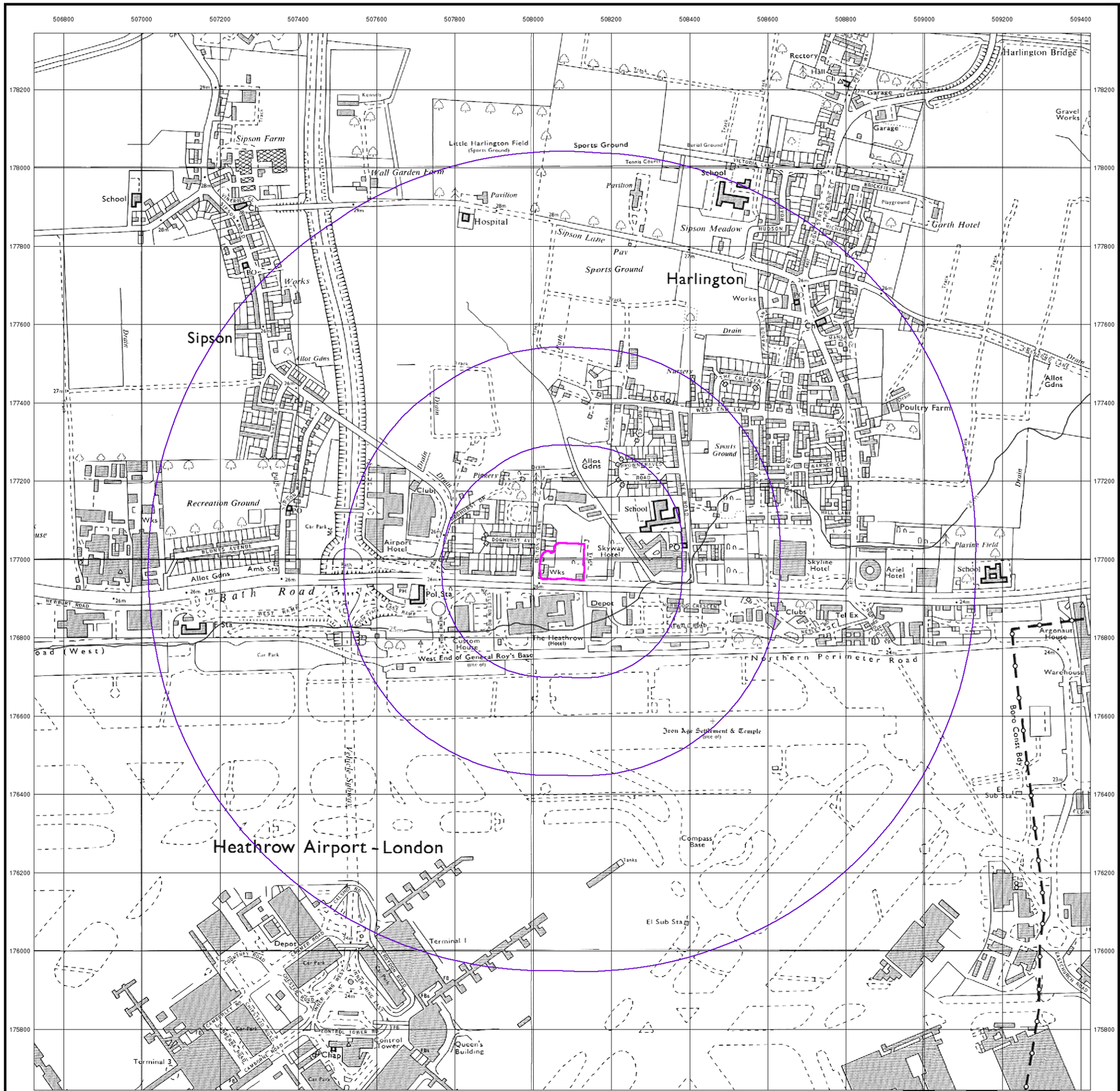
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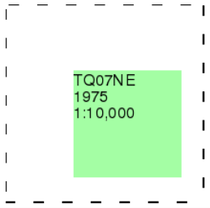
Ordnance Survey Plan

Published 1975

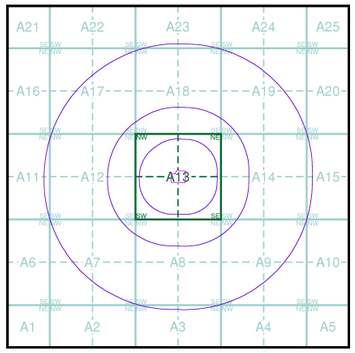
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Map Name(s) and Date(s)



Historical Map - Slice A



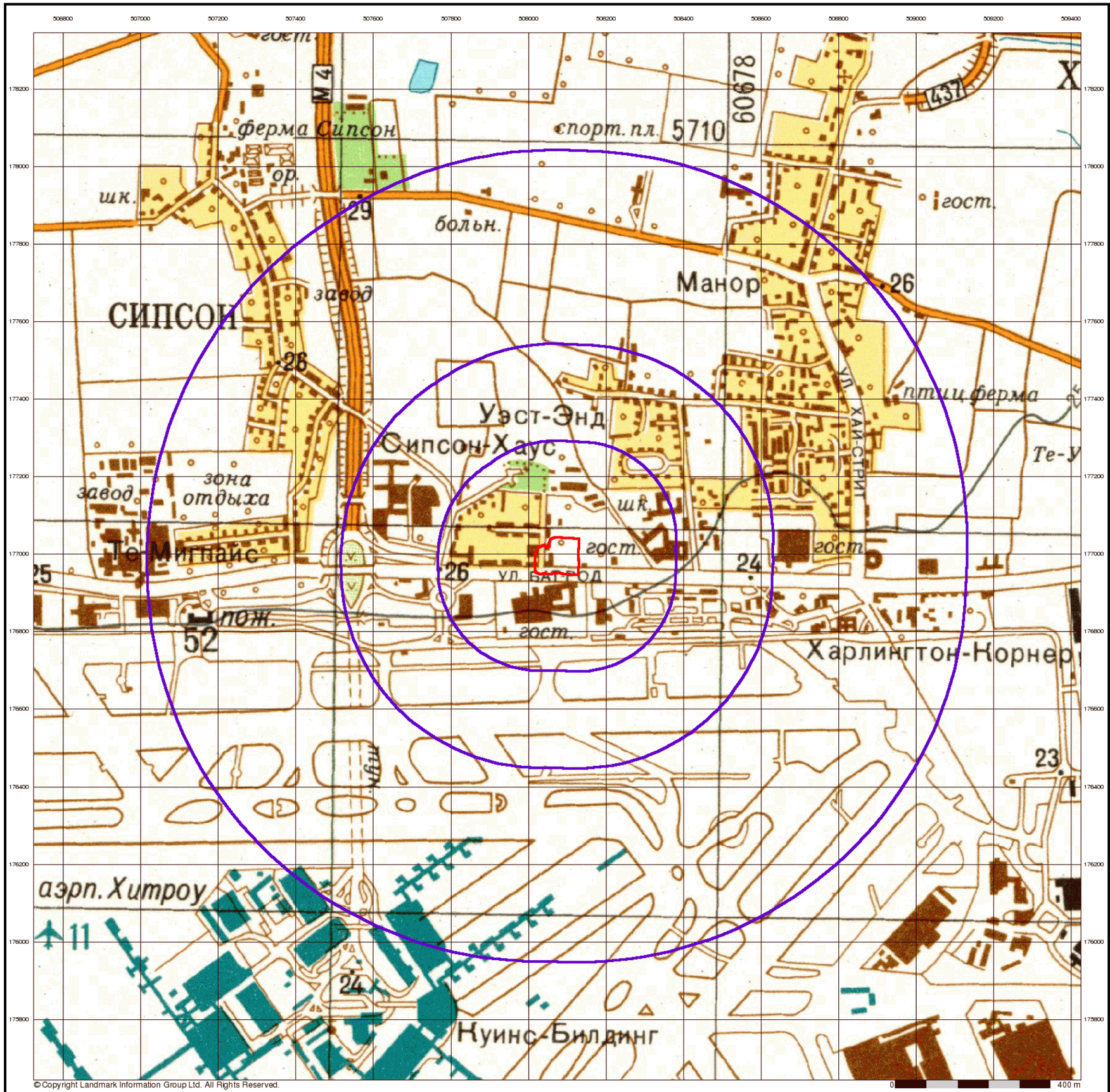
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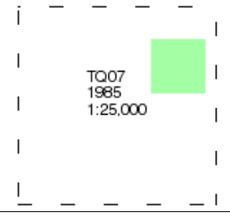
London

Published 1985

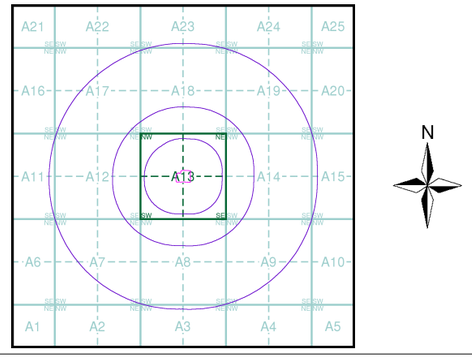
Source map scale - 1:25,000

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:	119677965_1_1
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Ordnance Survey Plan

Published 1989

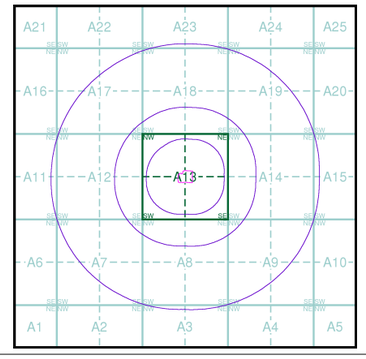
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ07NE
1989
1:10,000

Historical Map - Slice A



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10k Raster Mapping

Published 1999

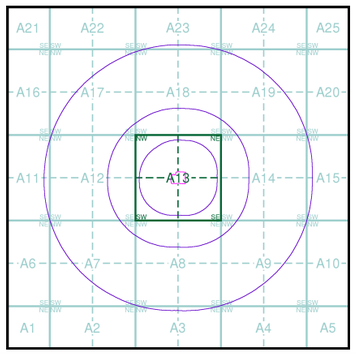
Source map scale - 1:10,000

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)

TQ07NE
1999
1:10,000

Historical Map - Slice A



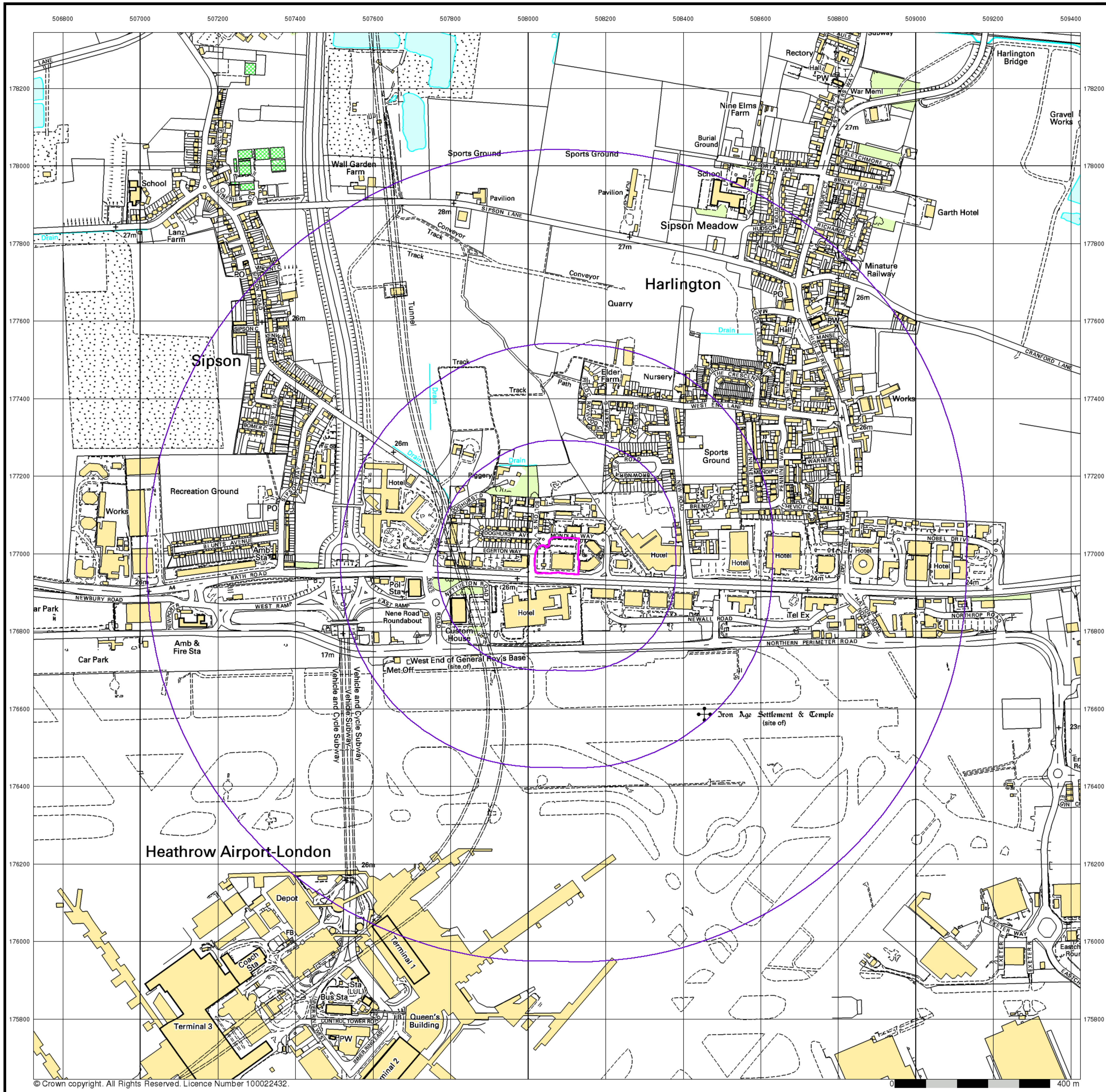
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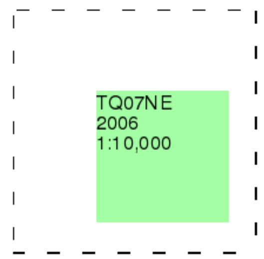
10k Raster Mapping

Published 2006

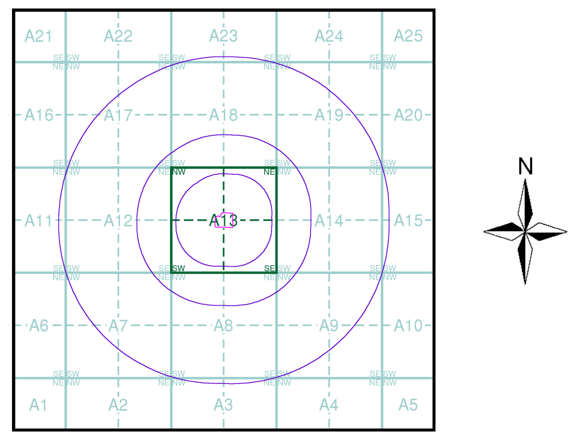
Source map scale - 1:10,000

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)



Historical Map - Slice A



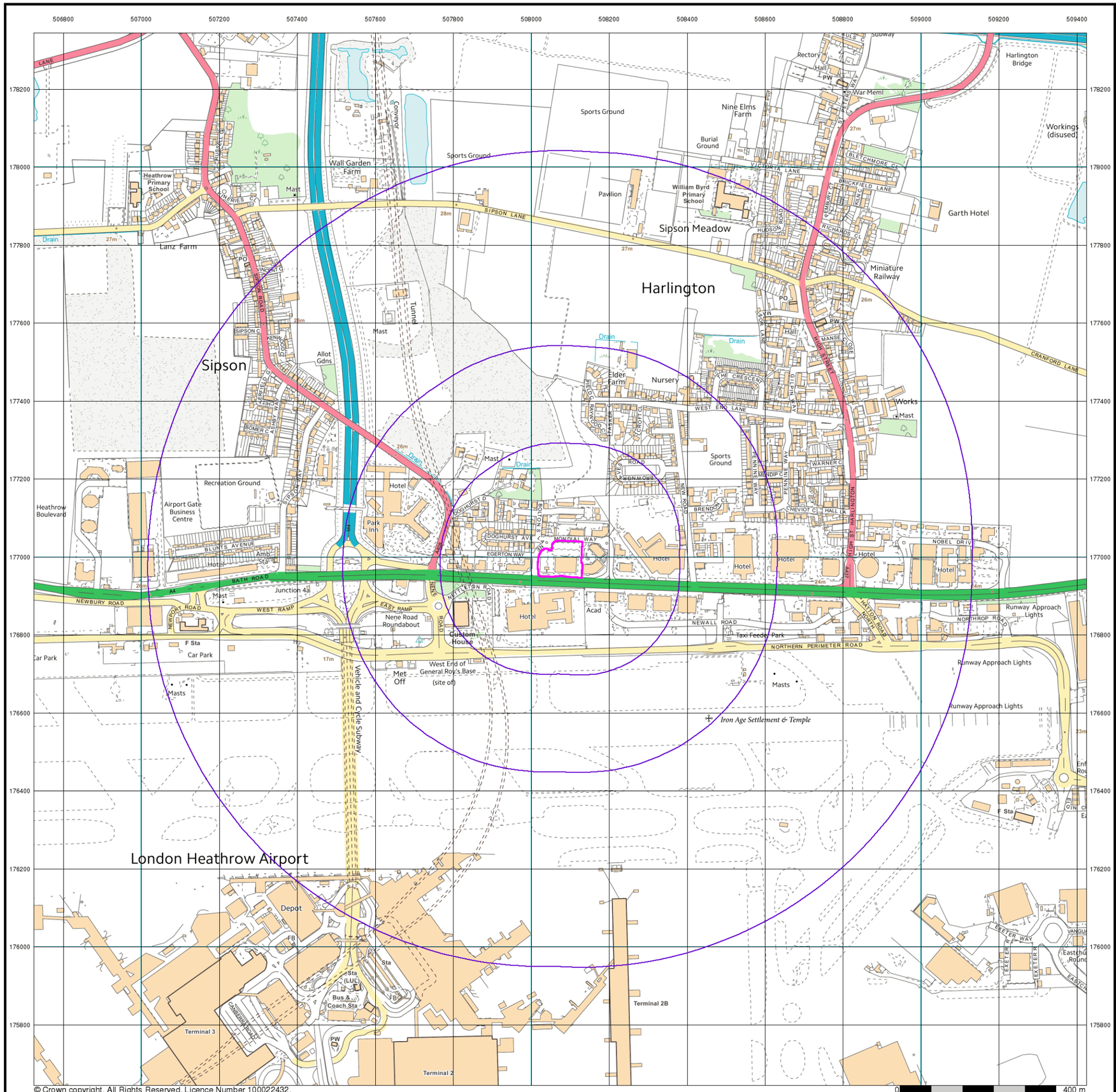
Order Details

Order Number: 119677965_1_1
Customer Ref: 15433
National Grid Reference: 508080, 176990
Slice: A
Site Area (Ha): 0.95
Search Buffer (m): 1000

Site Details

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VectorMap Local

Published 2017

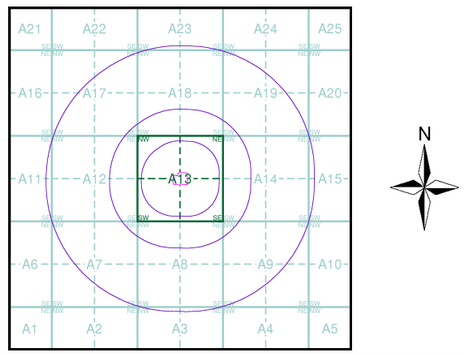
Source map scale - 1:10,000

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)

TQ07NE
2017
Variable

Historical Map - Slice A



Order Details

Order Number:	119677965_1_1
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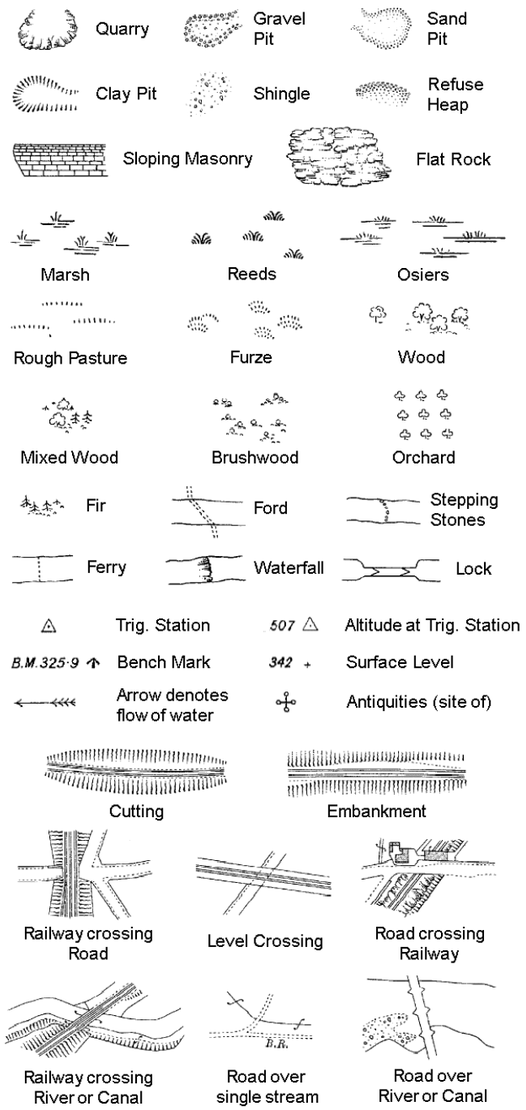
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

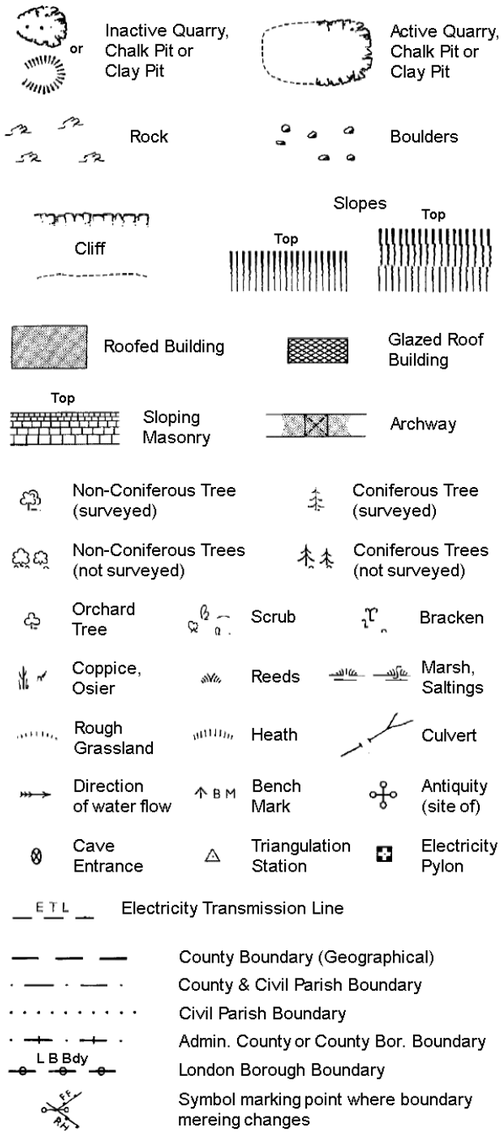
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

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	St.	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

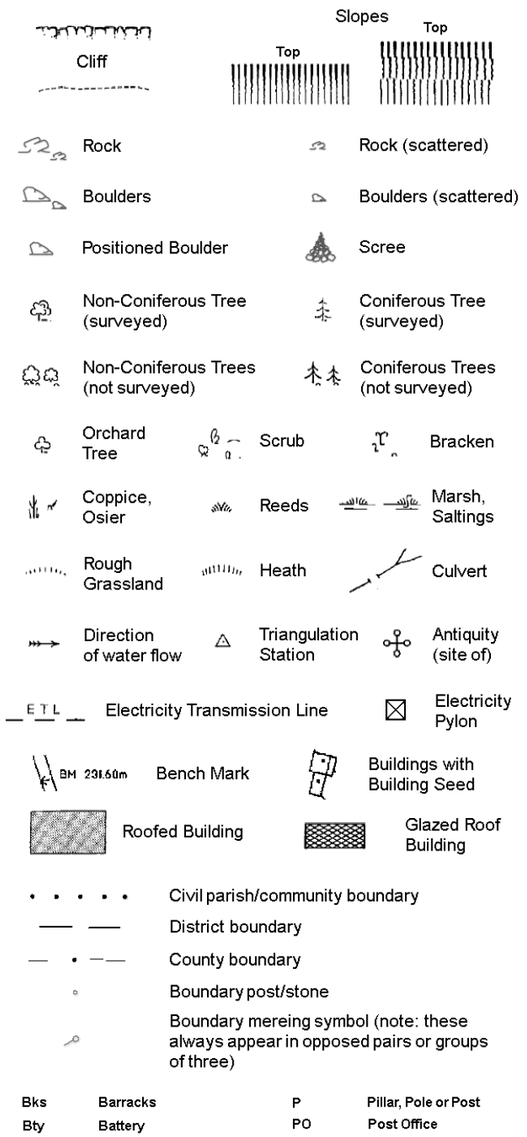
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



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)

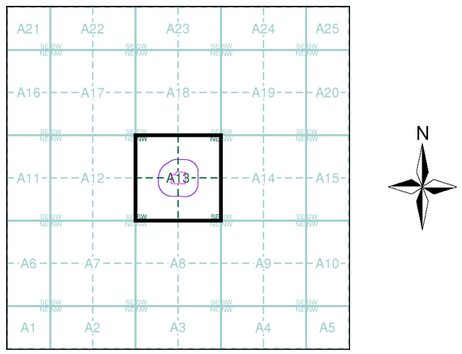
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:2,500	1866 - 1890	2
Middlesex	1:2,500	1895	3
Middlesex	1:2,500	1914	4
Middlesex	1:2,500	1935	5
Ordnance Survey Plan	1:1,250	1961 - 1966	6
Ordnance Survey Plan	1:2,500	1963 - 1967	7
Additional SIMs	1:2,500	1963 - 1964	8
Ordnance Survey Plan	1:1,250	1970 - 1974	9
Ordnance Survey Plan	1:1,250	1973	10
Supply of Unpublished Survey Information	1:1,250	1973 - 1974	11
Additional SIMs	1:1,250	1981 - 1989	12
Additional SIMs	1:1,250	1989 - 1990	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1995	15
Historical Aerial Photography	1:2,500	1999	16

Historical Map - Segment A13



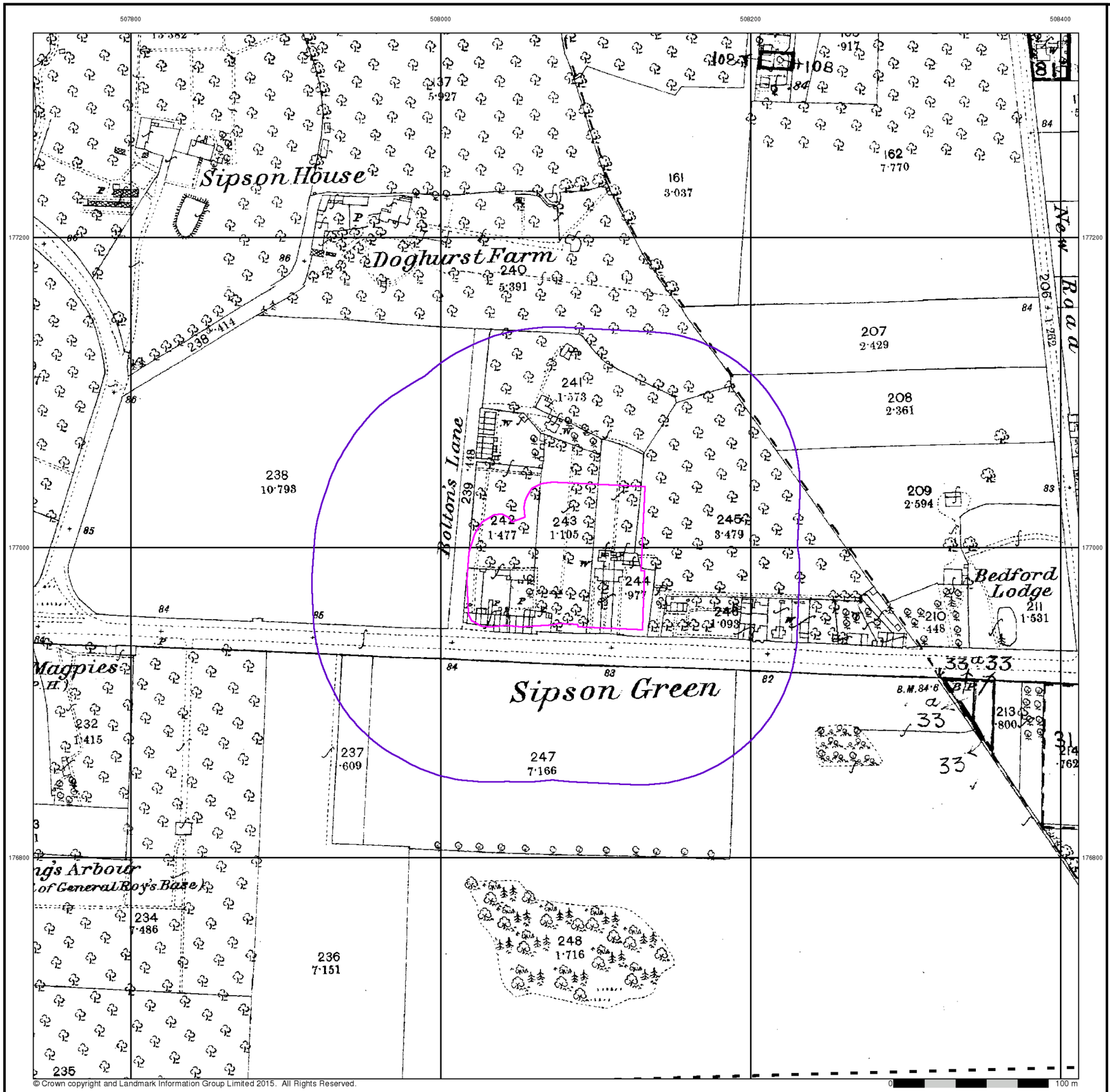
Order Details

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Customer Ref: 15433
National Grid Reference: 508080, 176990
Slice: A
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Search Buffer (m): 100

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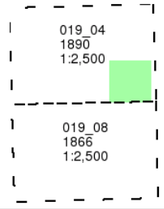
Middlesex

Published 1866 - 1890

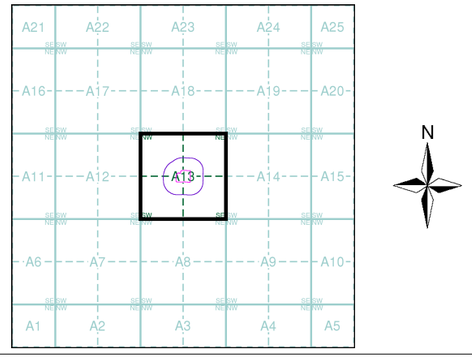
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

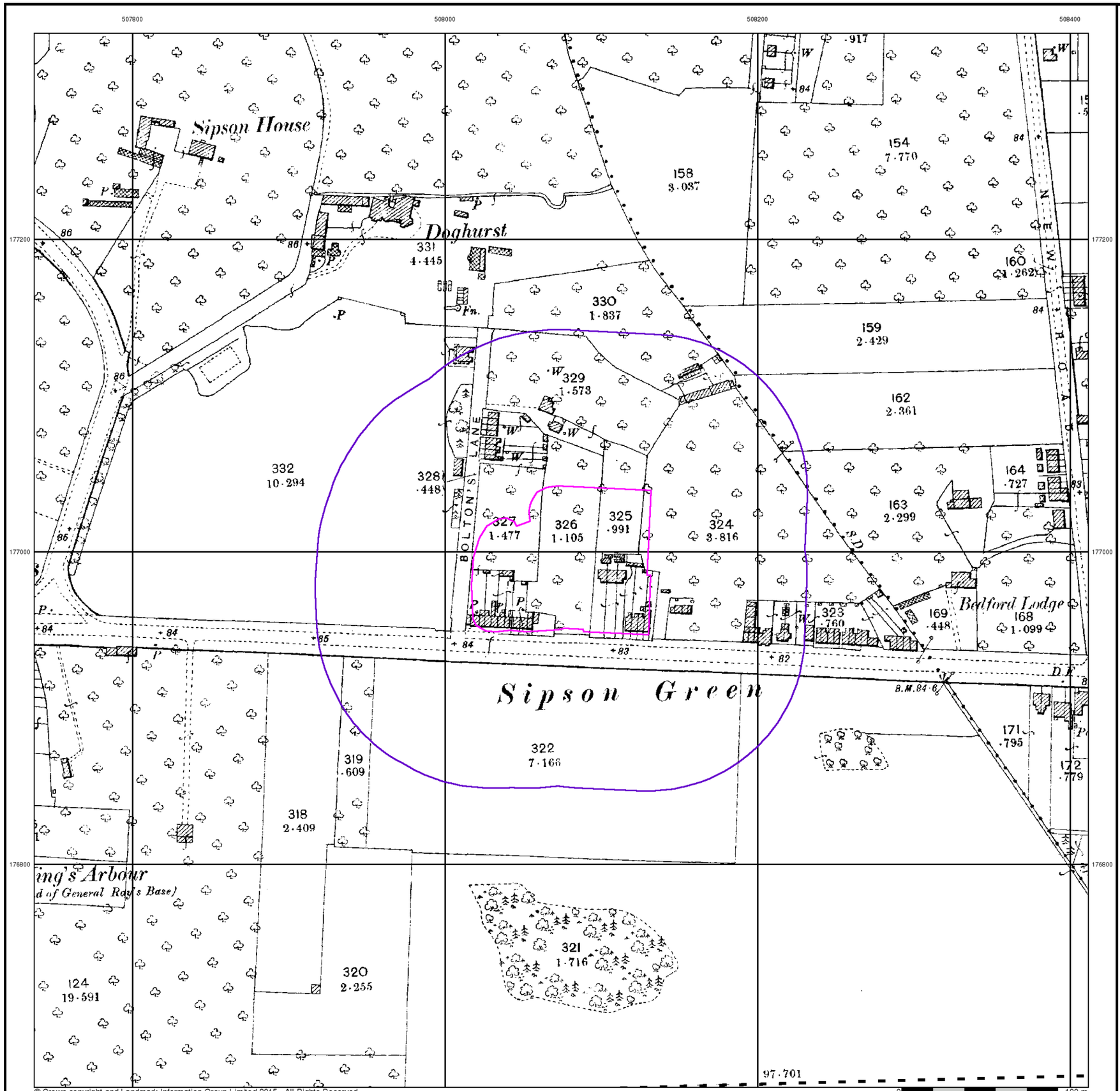


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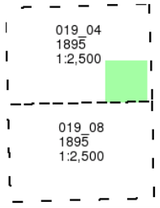
Middlesex

Published 1895

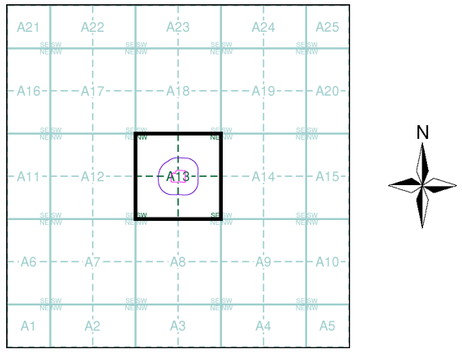
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Map Name(s) and Date(s)



Historical Map - Segment A13



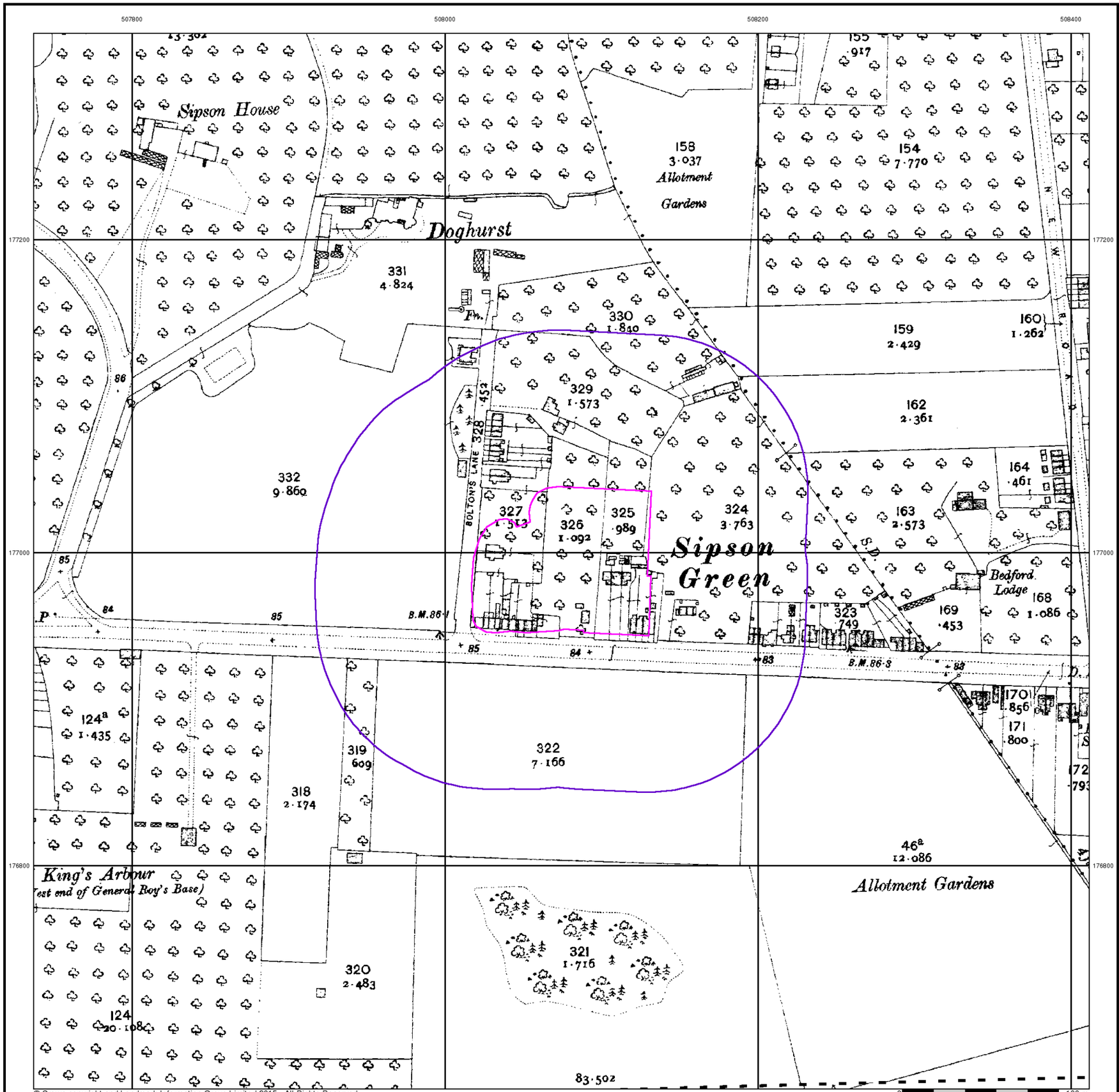
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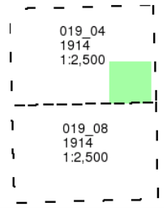
Middlesex

Published 1914

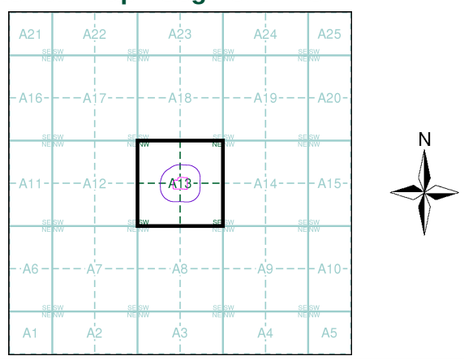
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

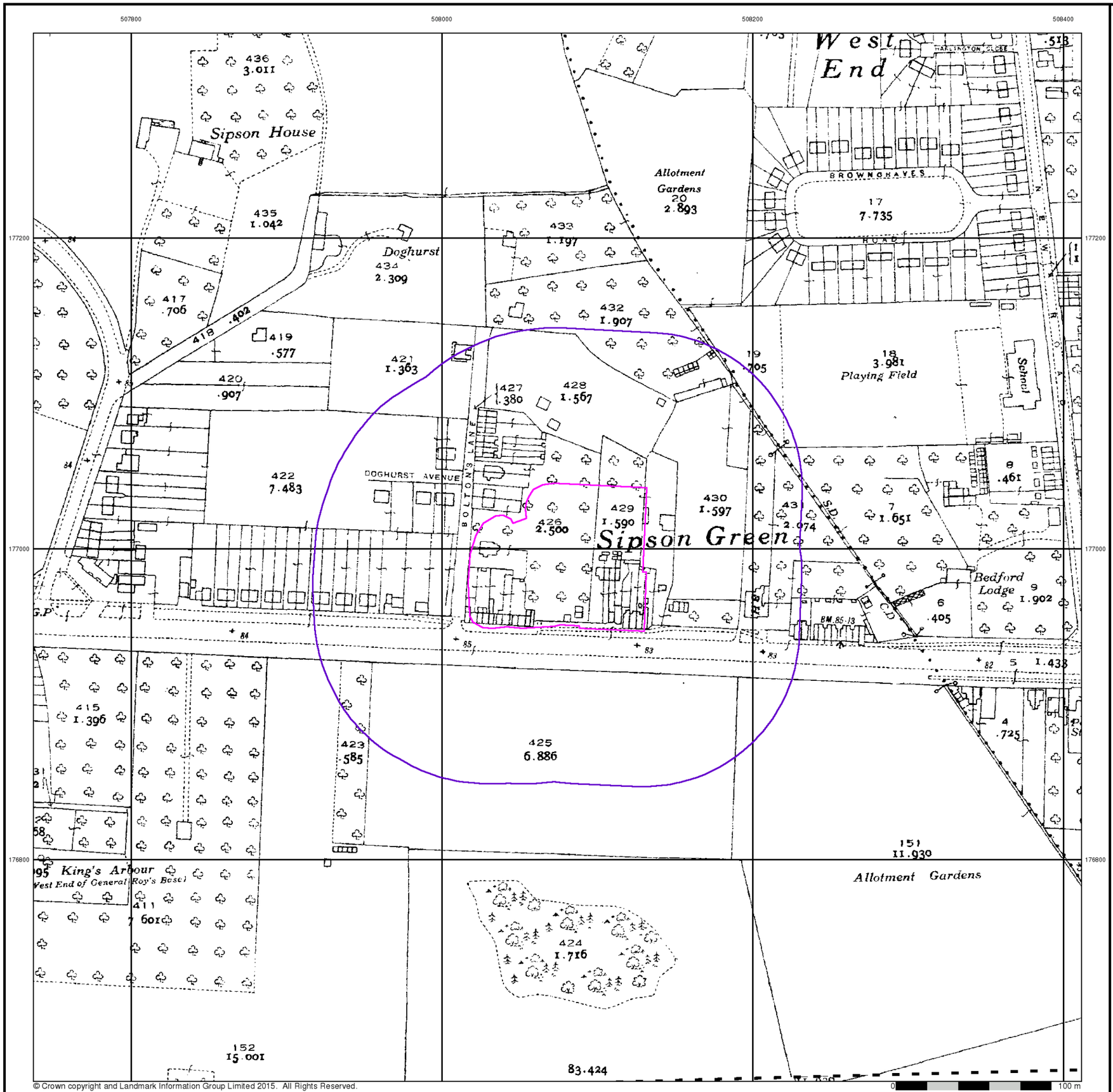


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Site Details

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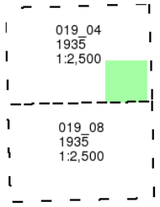
Middlesex

Published 1935

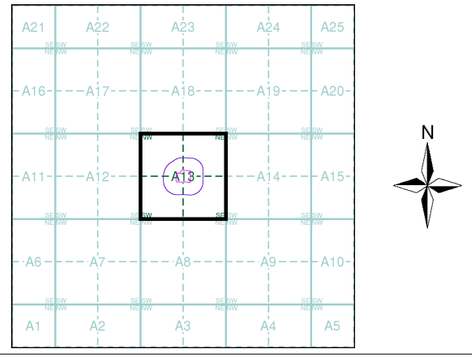
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



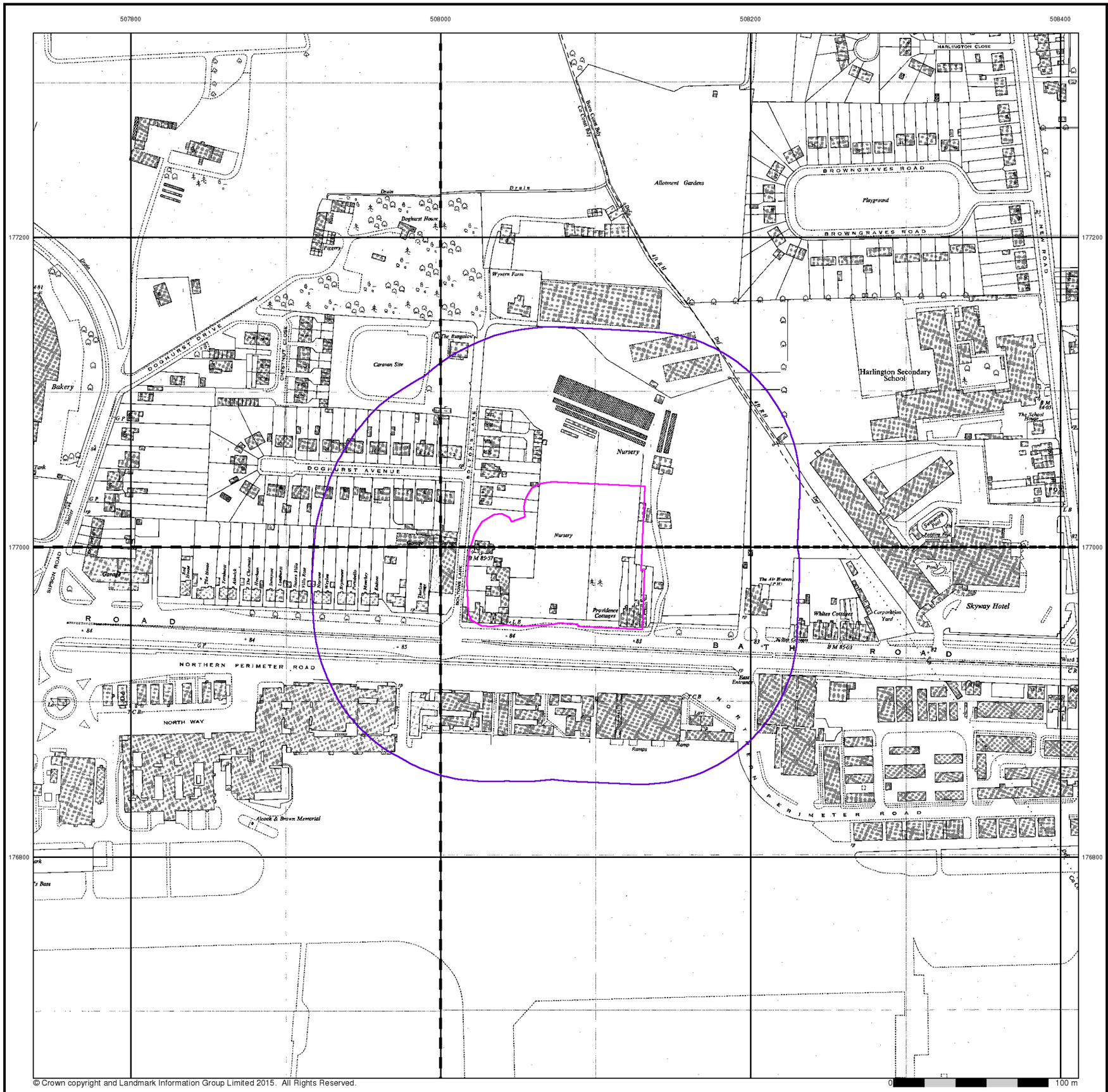
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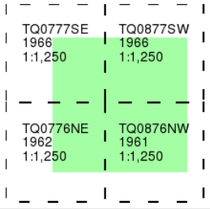
Ordnance Survey Plan

Published 1961 - 1966

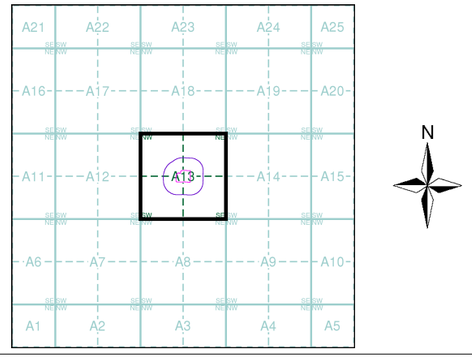
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



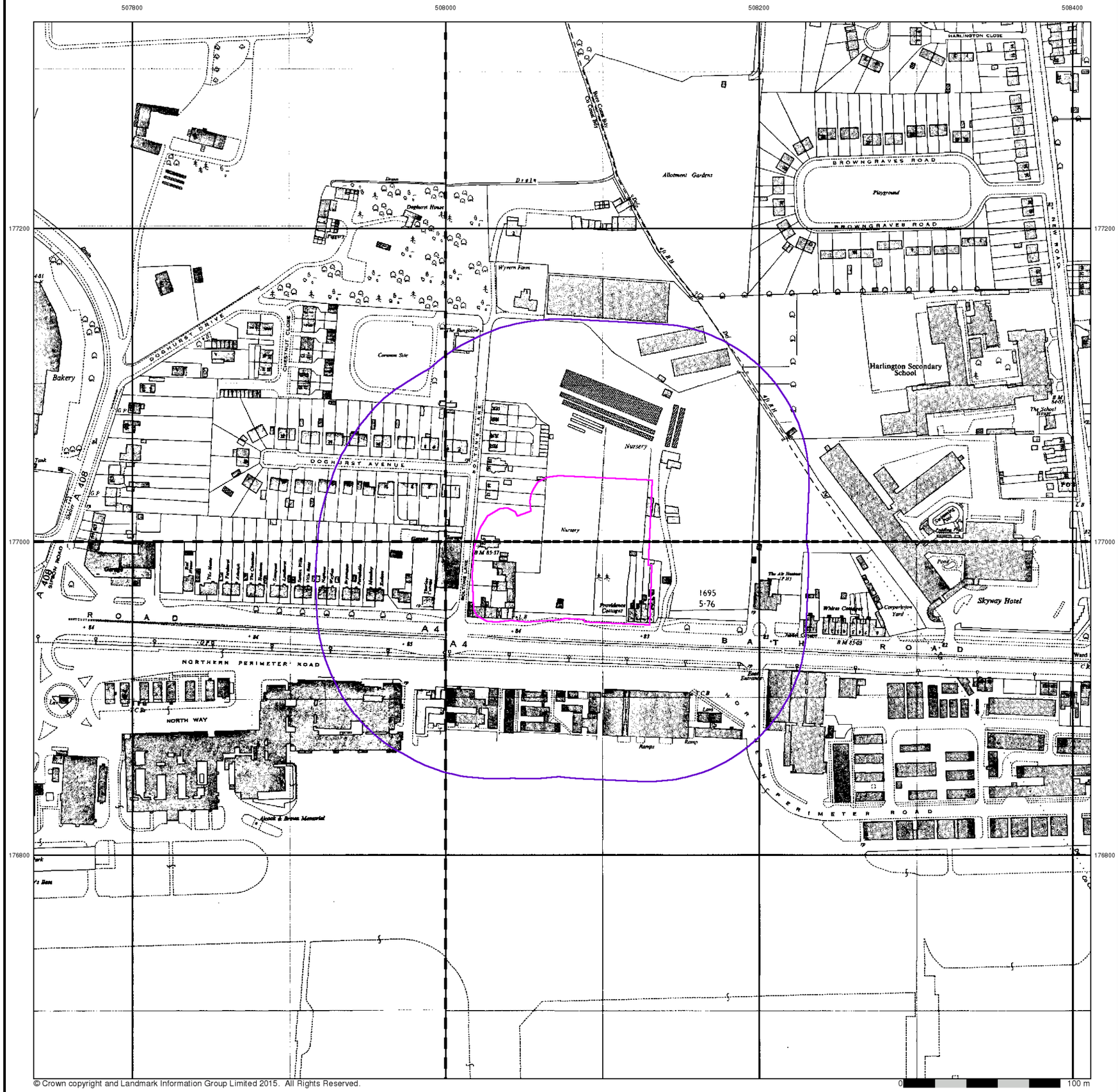
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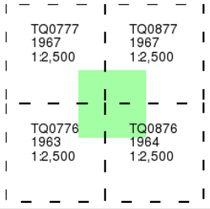
Ordnance Survey Plan

Published 1963 - 1967

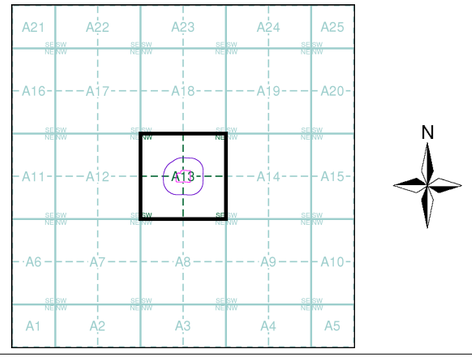
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



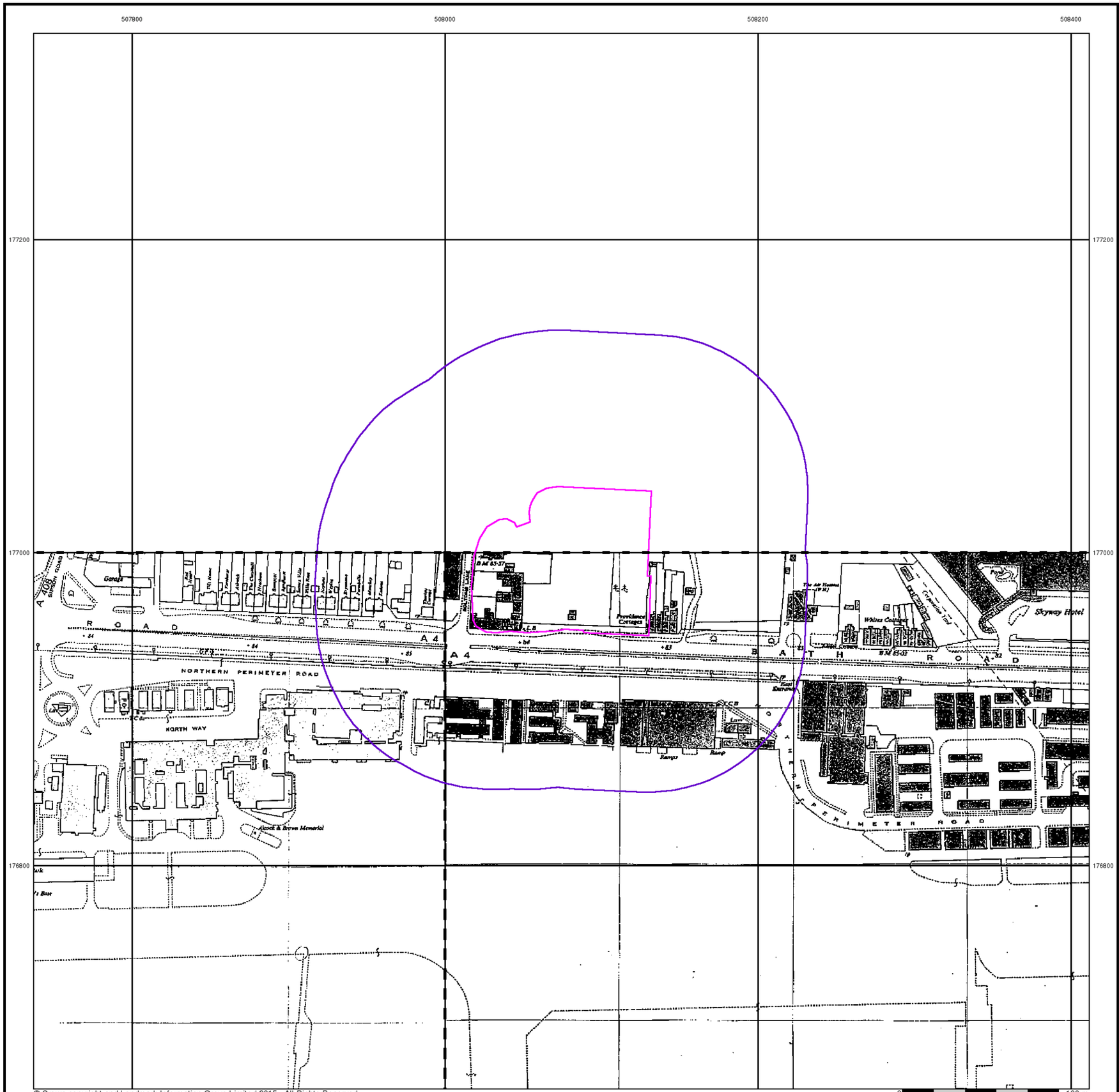
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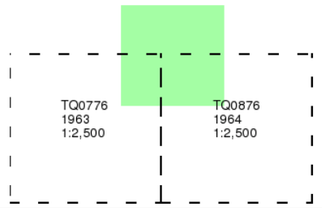
Additional SIMs

Published 1963 - 1964

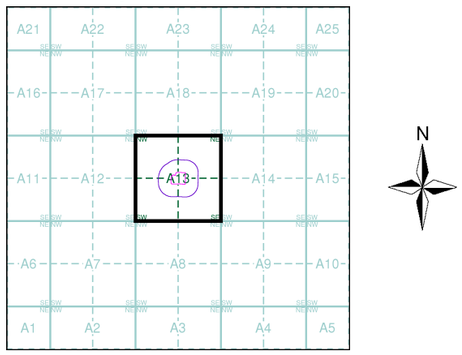
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

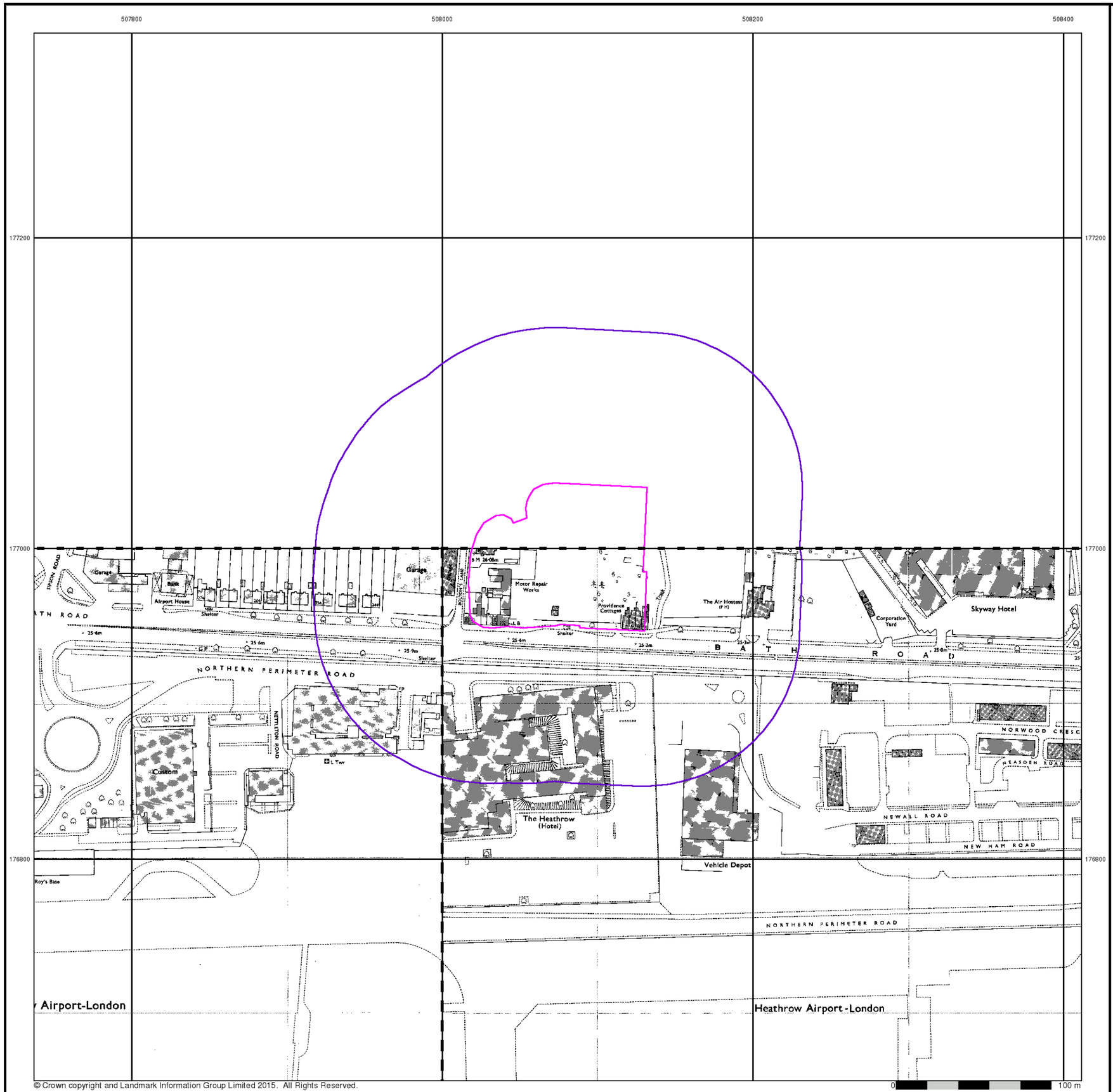


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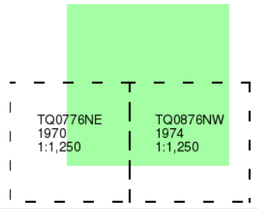
Ordnance Survey Plan

Published 1970 - 1974

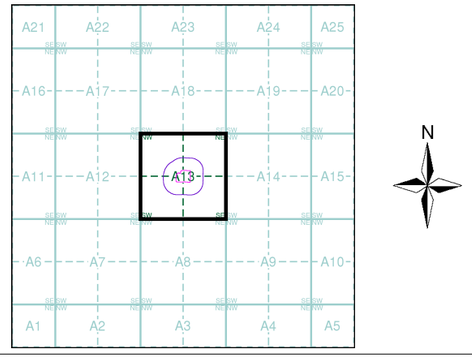
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



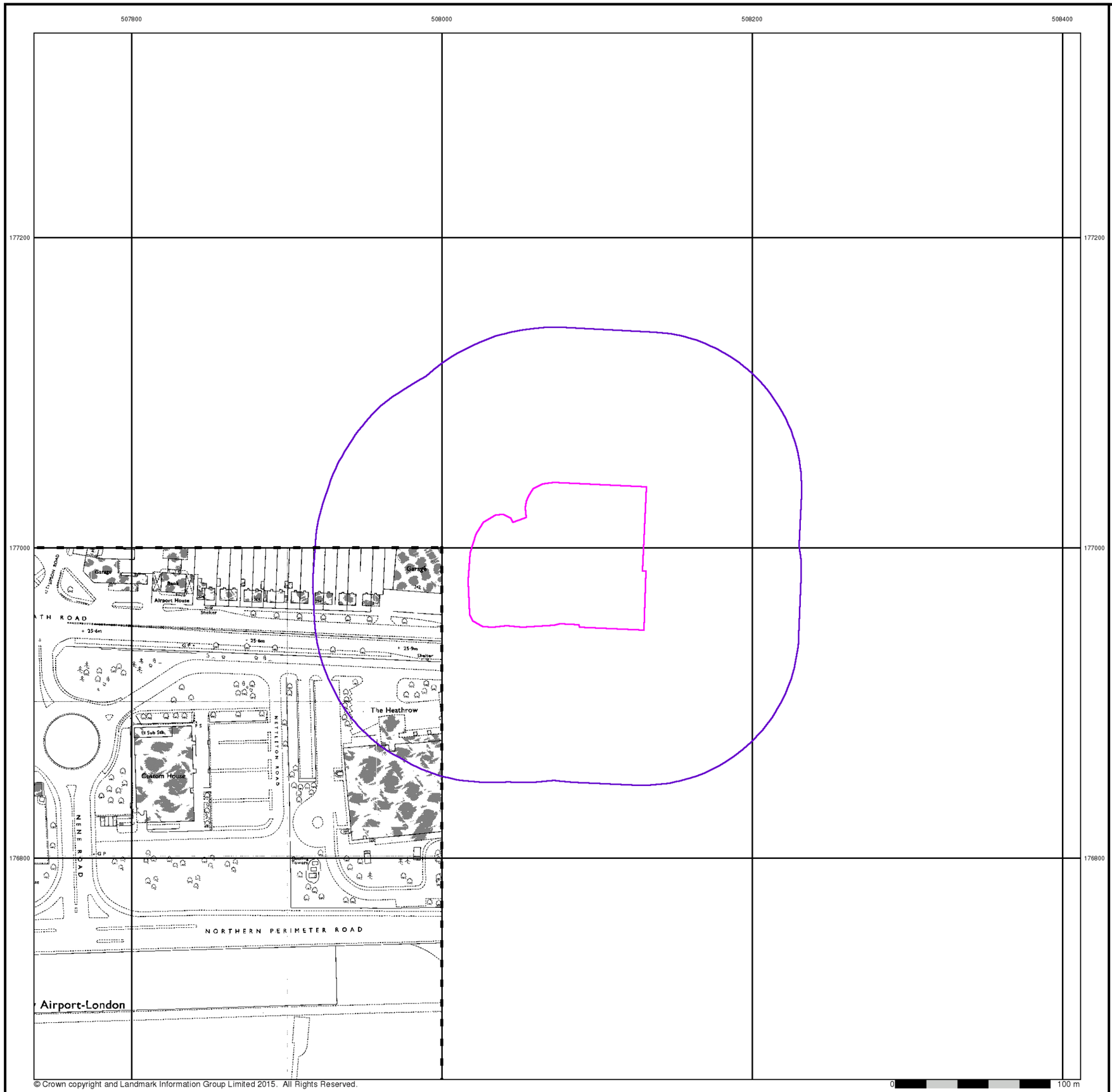
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	100

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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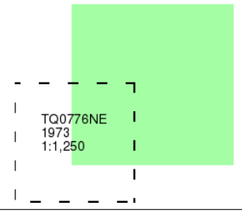
Ordnance Survey Plan

Published 1973

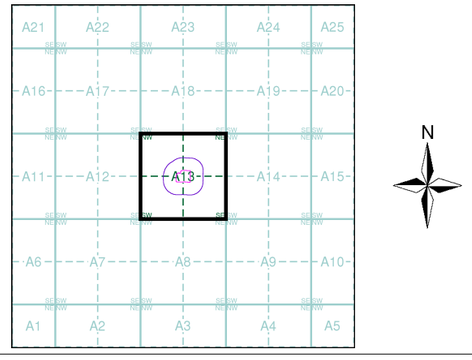
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

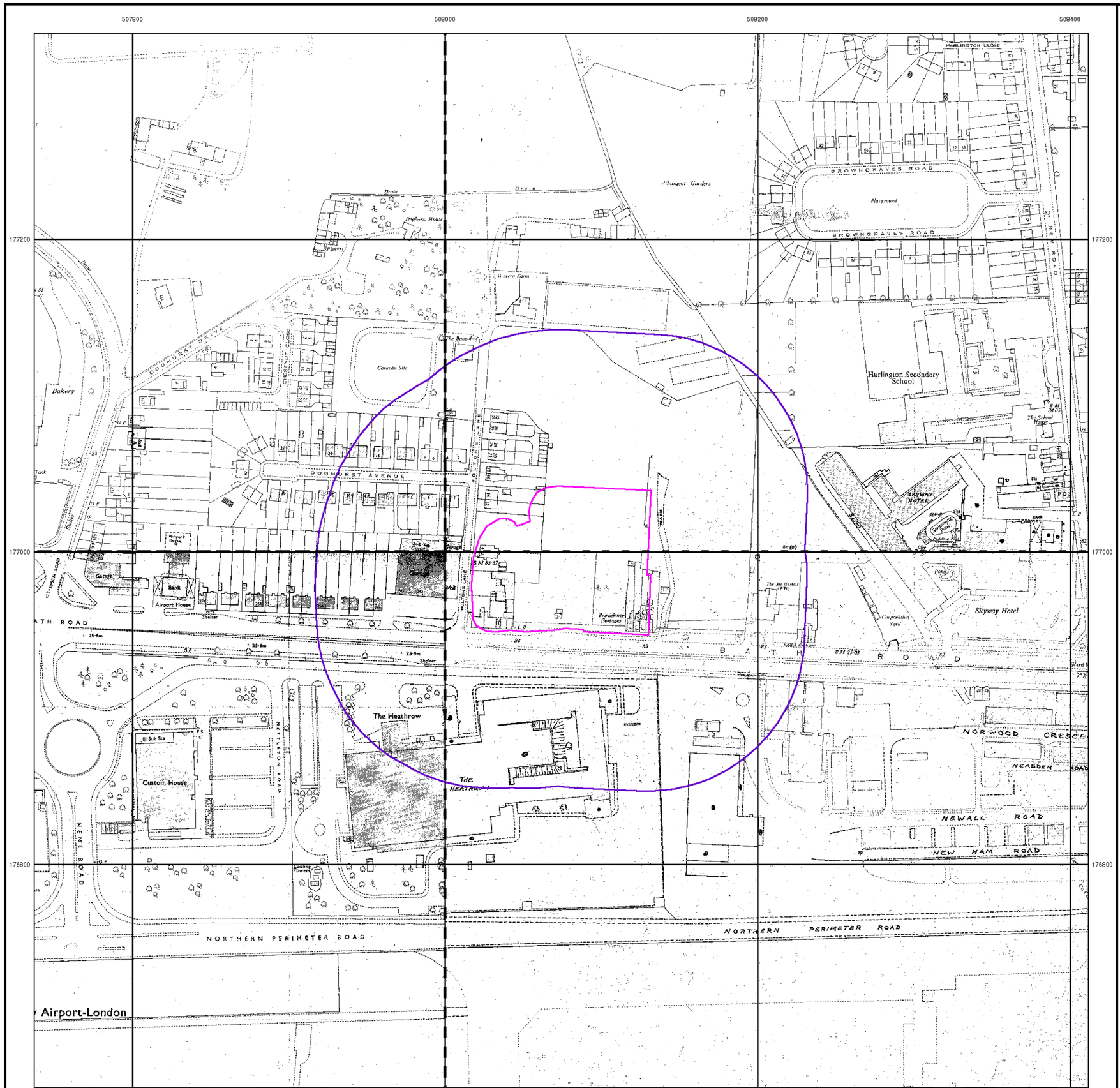


Order Details

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Search Buffer (m):	100

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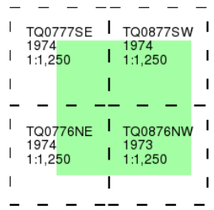
Supply of Unpublished Survey Information

Published 1973 - 1974

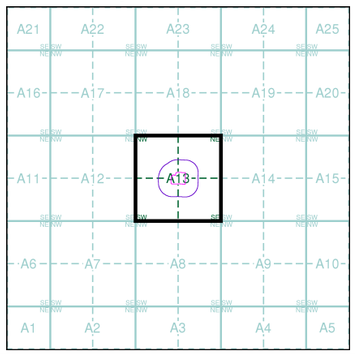
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

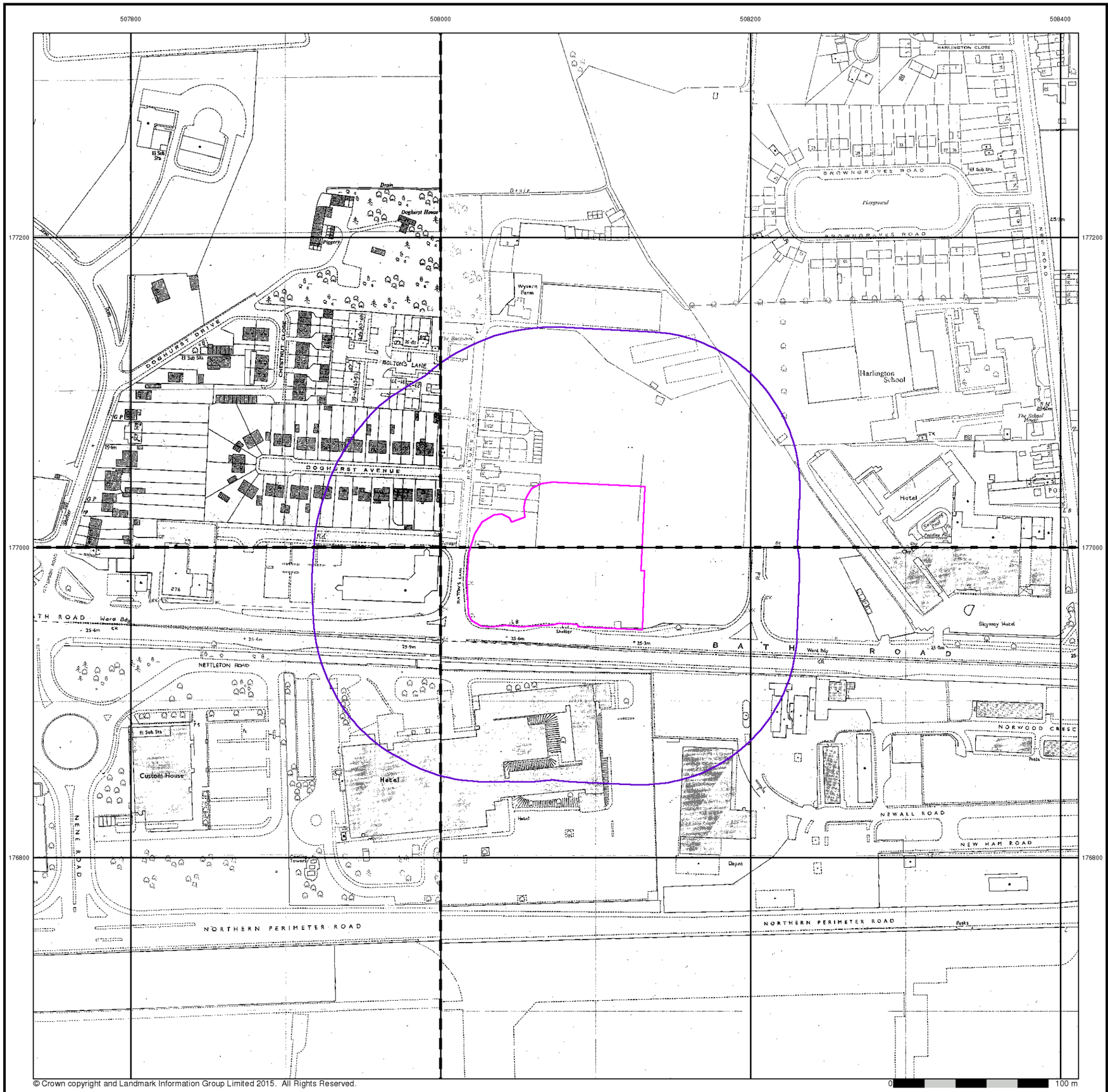


Order Details

Order Number:	119677965_1_1
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National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
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Additional SIMs

Published 1981 - 1989

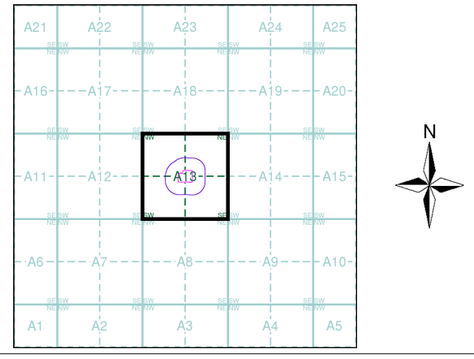
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

TQ0777SE 1988 1:1,250	TQ0877SW 1981 1:1,250
TQ0776NE 1989 1:1,250	TQ0876NW 1988 1:1,250

Historical Map - Segment A13



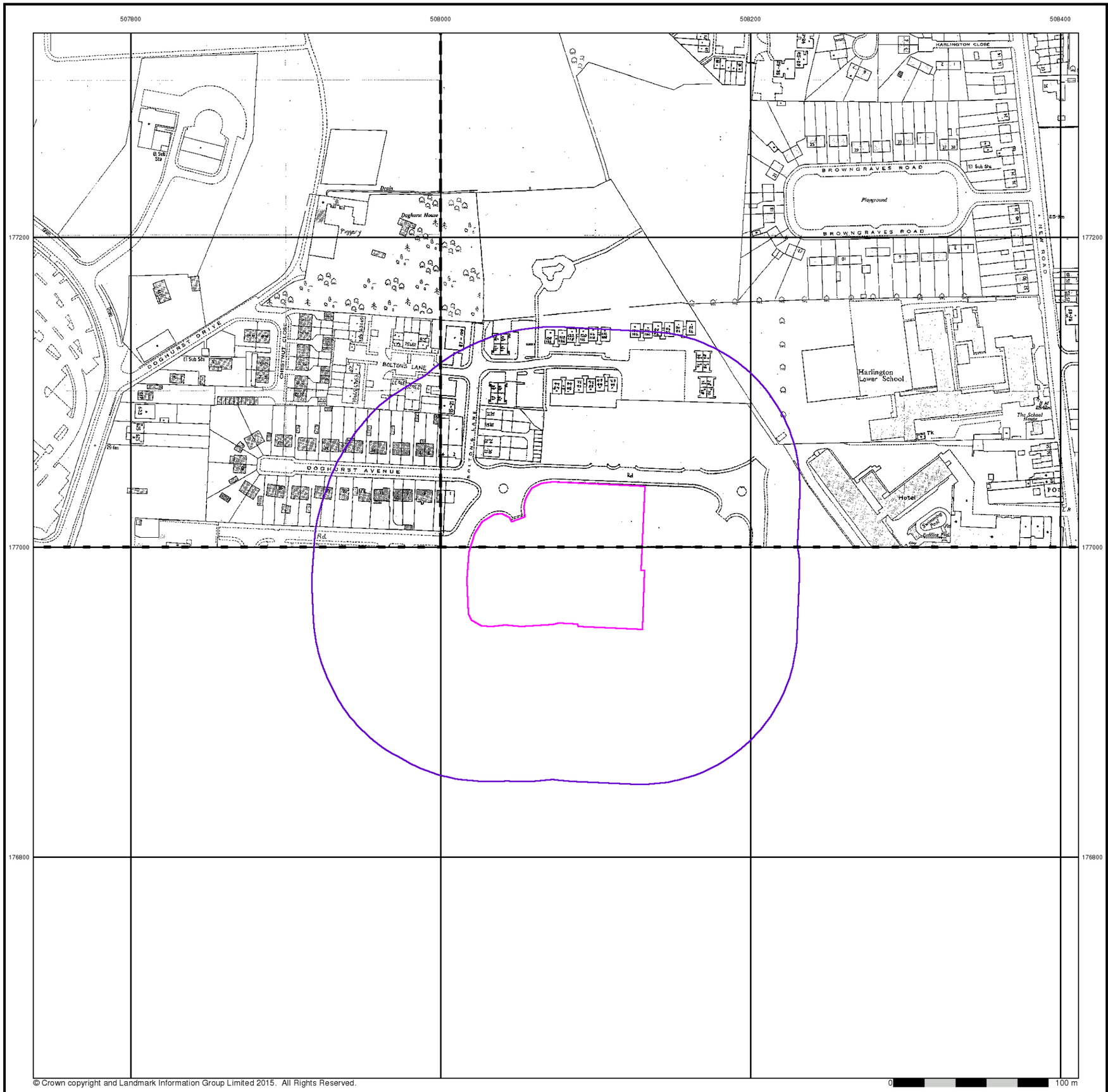
Order Details

Order Number:	119677965_1_1
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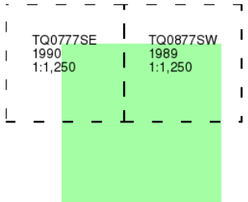
Additional SIMs

Published 1989 - 1990

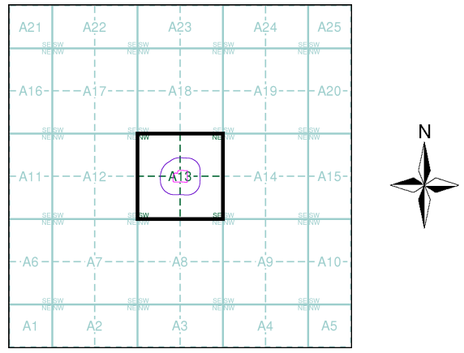
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



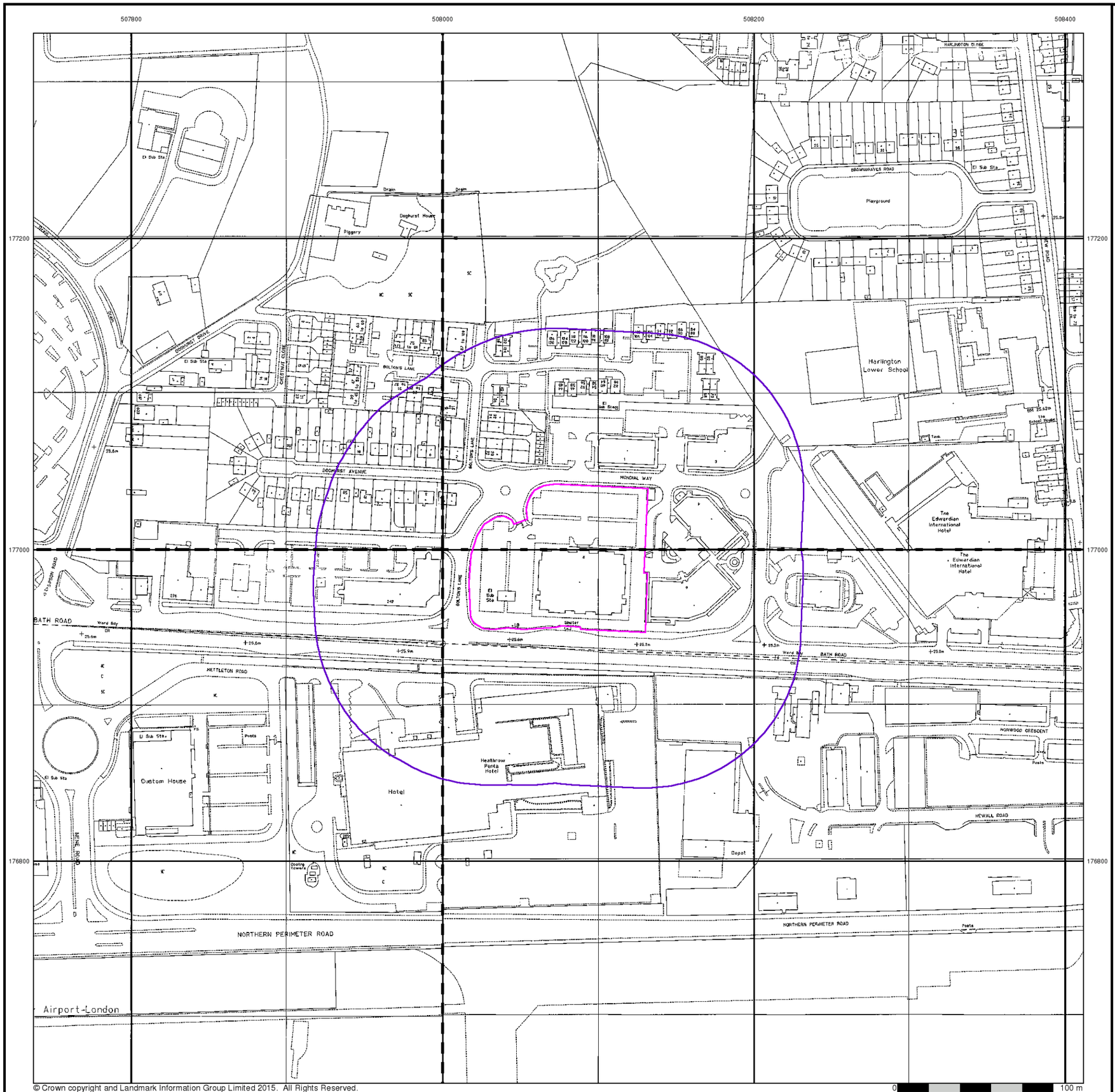
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
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Large-Scale National Grid Data

Published 1992

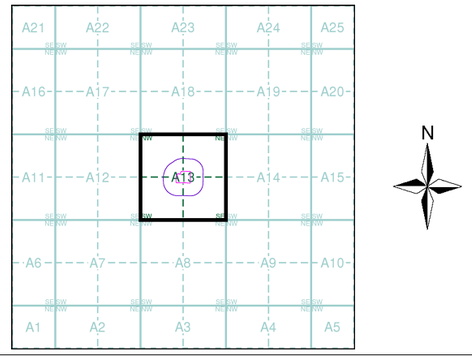
Source map scale - 1:1,250

'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)

TQ0777SE 1992 1:1,250	TQ0877SW 1992 1:1,250
TQ0776NE 1992 1:1,250	TQ0876NW 1992 1:1,250

Historical Map - Segment A13



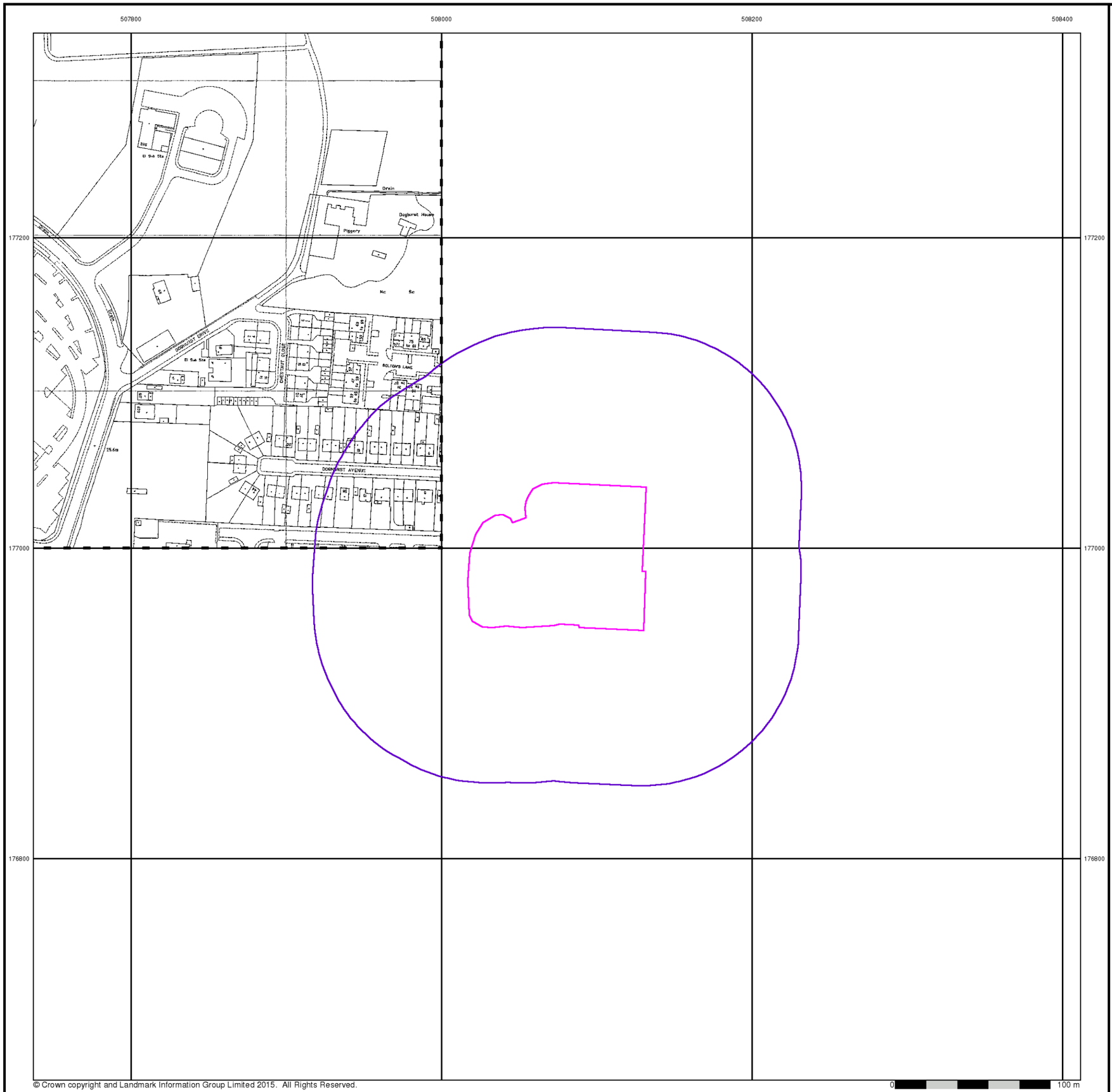
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	100

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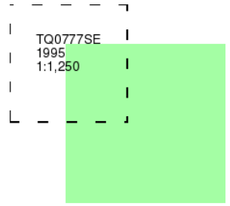
Large-Scale National Grid Data

Published 1995

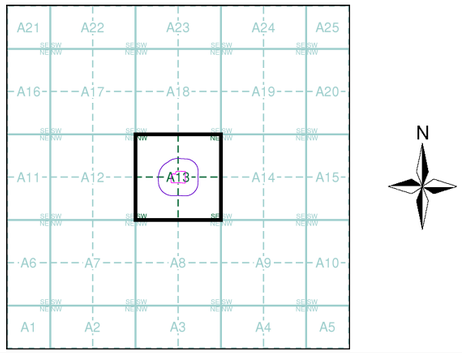
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	100

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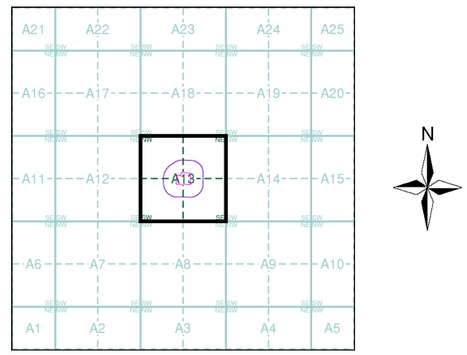
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Historical Aerial Photography

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 A13



Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	100

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

Appendix B Landmark Envirocheck Report

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
119677965_1_1

Customer Reference:
15433

National Grid Reference:
508080, 176990

Slice:
A

Site Area (Ha):
0.95

Search Buffer (m):
1000

Site Details:

234 Bath Road
Harlington
HAYES
Middlesex
UB3 5AP

Client Details:

Mr N Lambert
Soils Ltd
Newton House
Cross Road
Tadworth
Surrey
KT20 5SR

soils LIMITED
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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	10
Hazardous Substances	-
Geological	15
Industrial Land Use	20
Sensitive Land Use	30
Data Currency	31
Data Suppliers	38
Useful Contacts	39

Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

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

Report Version v50.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 1				5
Integrated Pollution Prevention And Control	pg 2	2			
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2	1	4	1	2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3			1	1
Prosecutions Relating to Authorised Processes	pg 4				1
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				1 (*18)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Drift Deposits	pg 8	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage	pg 9			Yes	n/a

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 10			2	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 10				6
Licensed Waste Management Facilities (Locations)	pg 11				4
Local Authority Landfill Coverage	pg 12	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 12		1		1
Potentially Infilled Land (Water)	pg 12		1	5	9
Registered Landfill Sites	pg 13				3
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 15				3
BGS Urban Soil Chemistry	pg 16			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 18	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 18		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 20	2	9	10	32
Fuel Station Entries	pg 24		1		
Points of Interest - Commercial Services	pg 24		5	7	15
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 27		2	2	11
Points of Interest - Public Infrastructure	pg 28	3	4	2	2
Points of Interest - Recreational and Environmental	pg 29		2		2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 30		1		5
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 30				1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	197	2	508080 176750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	236	2	507900 176750
1	**Integrated Pollution Controls** Name: Heathrow Airport Ltd Location: Engineering Services, Building 218, Northrop Road, London Heathrow Airport, Middlesex, TW6 2 Authority: Environment Agency, Thames Region Permit Reference: Bi5132 Dated: 17th July 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Revoked - Now IPPC** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	862	3	508982 176817
1	**Integrated Pollution Controls** Name: Heathrow Airport Ltd Location: Engineering Services, Building 218, Northrop Road, LONDON HEATHROW AIRPORT, MIDDLESEX, TW6 2 Authority: Environment Agency, Thames Region Permit Reference: BD5143 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	862	3	508982 176817
1	**Integrated Pollution Controls** Name: Heathrow Airport Ltd Location: Engineering Services, Building 218, Northrop Road, LONDON HEATHROW AIRPORT, MIDDLESEX, TW6 2 Authority: Environment Agency, Thames Region Permit Reference: AU9519 Dated: 16th May 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	862	3	508982 176817
1	**Integrated Pollution Controls** Name: Heathrow Airport Ltd Location: Engineering Services, Building 218, Northrop Road, LONDON HEATHROW AIRPORT, MIDDLESEX, TW6 2 Authority: Environment Agency, Thames Region Permit Reference: AG6494 Dated: 22nd March 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	862	3	508982 176817
1	**Integrated Pollution Controls** Name: Heathrow Airport Ltd Location: Engineering Services, Building 218, Northrop Road, LONDON HEATHROW AIRPORT, MIDDLESEX, TW6 2 Authority: Environment Agency, Thames Region Permit Reference: AA3506 Dated: 30th April 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	862	3	508982 176817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Integrated Pollution Prevention And Control** Name: Heathrow Airport Ltd Location: Terminal5 Energy Centre, 234 Bath Road, Heathrow Airport,,, HOUNSLOW, UB3 5AP Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: BQ3789IK Original Permit Ref: Bq3789ik Effective Date: 19th December 2003 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A13SE (SE)	0	3	508088 176979
2	**Integrated Pollution Prevention And Control** Name: Heathrow Airport Ltd Location: Terminal5 Energy Centre, 234 Bath Road, Heathrow Airport, Hounslow, UB3 5AP Authority: Environment Agency, Thames Region Permit Reference: Bq3789ik Original Permit Ref: Bq3789ik Effective Date: 19th December 2003 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y	A13SE (SE)	0	3	508088 176979
3	**Local Authority Pollution Prevention and Controls** Name: Mt Operations Base Location: Heathrow Airport, Heathrow, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/050/12/2001 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	0	4	508088 176979
4	**Local Authority Pollution Prevention and Controls** Name: Bp Heathrow Airside Location: Central Inner Ring, Heathrow Airport, Hounslow, Middlesex, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/046/08/1999 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Authorised** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	53	4	508150 176898
4	**Local Authority Pollution Prevention and Controls** Name: Bp Heathrow Landside Location: Inner Ring Road, Hounslow, Ub3 5ap Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/004/04/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Authorised** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	53	4	508150 176898
5	**Local Authority Pollution Prevention and Controls** Name: Co-Op Harlington Filling Station Location: Sipson Corner, Bath Road, Harlington, HAYES, Middlesex, UB3 5AZ Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/030/09/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	211	4	507806 176977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Local Authority Pollution Prevention and Controls** Name: Customs House Location: Nettleton Road, Heathrow Airport North, UXBRIDGE, Middlesex, UB10 8ER Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B1/11 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG5/4 General waste incineration processes under 1 tonne an hour **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	224	4	507821 176851
7	**Local Authority Pollution Prevention and Controls** Name: British Airways Engineering Base Location: PO Box 10, London Heathrow Airport, HOUNSLOW, Middlesex, TW6 2JA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B3/26 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/40 Coating and recoating of aircraft and aircraft components **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	471	4	508320 176516
8	**Local Authority Pollution Prevention and Controls** Name: British Airways Location: Building (869)(N45A), North Perimeter Road, HEATHROW, Middlesex, TW5 9RS Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B3/17 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status:** **Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	578	4	508679 176769
9	**Local Authority Pollution Prevention and Controls** Name: Premier Dry Cleaners Location: 210 High Street, Hayes, Middlesex, Ub3 5ds Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/006 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	841	4	508666 177688
	Nearest Surface Water Feature	A13NW (N)	191	-	508024 177228
10	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: CIPPENHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 7th October 1993 Incident Reference: S1930429 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	453	3	508200 176500
11	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Heathrow Airport Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th June 1990 Incident Reference: N1900313 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	777	3	507600 176300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Prosecutions Relating to Authorised Processes** Location: Warner Close, Hayes, London, Ub3 Prosecution Text: Dumping asbestos waste on land without a WML Prosecution Act: Epa90 S33(1)(A) Hearing Date: 19th January 2005 Verdict: Guilty Fine: 1500 Costs: 1300 Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	676	3	508774 177247
13	**Water Abstractions** Operator: Avis Rent A Car Limited Licence Number: 28/39/36/0058 Permit Version: 100 Location: Borehole At Northrop Road, Heathrow Airport, Hounslow Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 30 Yearly Rate (m3): 10980 Details: Northrop Road, Heathrow Airport, Hounslow Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (E)	883	3	509000 176800
	Water Abstractions Operator: Norman Hay Plc Licence Number: 28/39/36/0062 Permit Version: Not Supplied Location: Bath Road, HILLINGDON Authority: Environment Agency, Thames Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 840 Yearly Rate (m3): 306000 Details: River Gravel; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1017	3	507000 177000
	Water Abstractions Operator: Harleyford Aggregates Limited Licence Number: 28/39/36/0059 Permit Version: 102 Location: Wet Pit At Sipson Lane, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sipson Lane, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SE (NW)	1157	3	507600 178100
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0059 Permit Version: 101 Location: Wet Pit At Sipson Lane, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sipson Lane, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SE (NW)	1157	3	507600 178100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0059 Permit Version: 100 Location: Wet Pit At Sipson Lane, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2455 Yearly Rate (m3): 649318 Details: Sipson Lane, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th December 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SE (NW)	1157	3	507600 178100
	Water Abstractions Operator: Q-Park Limited Licence Number: 28/39/36/0063 Permit Version: 101 Location: Argonaut House, Bath Road, Hayes- Borehole A Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Argonaut House, Bath Road, Hayes Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1293	3	509410 176770
	Water Abstractions Operator: Budget Rent A Car International Licence Number: 28/39/36/0063 Permit Version: 100 Location: Argonaut House, Hayes - Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Argonaut House, Bath Road, Hayes Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SE (E)	1378	3	509500 176800
	Water Abstractions Operator: Heathrow Airport Limited Licence Number: Th/039/0028/007 Permit Version: 2 Location: Heathrow Airport - Borehole C Authority: Environment Agency, Thames Region Abstraction: Transport: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1424	3	507663 175573

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Heathrow Airport Limited Licence Number: Th/039/0028/007 Permit Version: 2 Location: Heathrow Airport - Borehole C Authority: Environment Agency, Thames Region Abstraction: Transport: General use relating to Secondary Category (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1424	3	507663 175573
	Water Abstractions Operator: British Airways Plc Licence Number: 28/39/36/0061 Permit Version: Not Supplied Location: Heatherow Airport, HOUNSLOW Authority: Environment Agency, Thames Region Abstraction: Research Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1746 Yearly Rate (m3): 637180 Details: River Gravel Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NW (SE)	1569	3	509200 175800
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'C' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1580	3	506460 177260
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'C' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmonsworth Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1580	3	506460 177260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0060 Permit Version: 102 Location: Wet Pit At High Street, Harlington, Middlesex Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: High Street, Harlington, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NW (NE)	1592	3	509400 178000
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0060 Permit Version: 101 Location: Wet Pit At High Street, Harlington, Middlesex Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: High Street, Harlington, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NW (NE)	1592	3	509400 178000
	Water Abstractions Operator: Henry Streeter (Sand & Ballast) Limited Licence Number: 28/39/36/0060 Permit Version: 100 Location: Wet Pit At High Street, Harlington, Middlesex Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2455 Yearly Rate (m3): 649318 Details: High Street, Harlington, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th December 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NW (NE)	1592	3	509400 178000
	Water Abstractions Operator: Sita Environment Limited Licence Number: 28/39/36/0070 Permit Version: 2 Location: Harmondsworth Quarry, West Drayton-Lagoon Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harmondsworth Quarry, Holloway Lane, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1695	3	506640 177990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sita Products And Services Ltd Licence Number: 28/39/36/0070 Permit Version: 1 Location: Harmondsworth Quarry, West Drayton-Borehole A Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harmondsworth Quarry, Holloway Lane, West Drayton, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1695	3	506640 177990
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'B' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmondsworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1979	3	506130 177590
	Water Abstractions Operator: R & R Barwick Licence Number: 28/39/36/0023 Permit Version: 100 Location: Borehole 'B' At Home Farm, Harmondsworth Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Home Farm, Harmonsworth Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th July 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1979	3	506130 177590
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 39 West London Scale: 1:100,000	A13SE (NE)	0	3	508080 176990
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 39 West London Scale: 1:100,000	A13SE (NE)	0	3	508080 176990
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (NE)	0	2	508080 176990
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (NE)	0	2	508080 176990
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences None				
	Detailed River Network Lines None				
14	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (NW)	259	3	507794 177130
15	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (NW)	311	3	507766 177185
16	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A12NE (NW)	370	3	507720 177222
17	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (NW)	412	3	507748 177319

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Heahtrow Airport, Hillingdon, London Name: Heathrow Runway Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11181 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI054	A8NE (S)	297	3	508147 176650
19	**Historical Landfill Sites** Licence Holder: Henry Streeter (Sand and Ballast) Limited Location: South of Sipson Lane, Harlington, Middlesex Name: Imperial College Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD13178 First Input Date: 31st December 1997 Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 80069 Regis Ref: TE1/L/STR004 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: STR030	A18SW (N)	387	3	508041 177428
20	**Historical Landfill Sites** Licence Holder: Henry Streeter (Sand and Ballast) Limited Location: Cranford Lane West Name: South of Cranford Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11322 First Input Date: 10th July 1986 Last Input Date: 3rd October 1989 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0046 BGS Ref: Not Supplied Other Ref: DL207, 8HI017, HIL018	A14NE (E)	705	3	508833 177110
21	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Airport Bowl Name: Land Rear of Airport Bowl Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11187 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI063	A14NE (E)	724	3	508855 177043
22	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: South Of Sipson Lane I I Licence Number: 80531 Location: Sipson Lane, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status: Modified** Issued: 24th December 2001 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18SW (N)	666	3	507829 177664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Imperial College Licence Number: 80069 Location: Henry Streeter (Sand & Ballast) Ltd, Imperial College, Of) Sipson Lane, Harlington, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Modified** Issued: 5th June 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NE (N)	790	3	508261 177819
24	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Harmondsworth Landfill Site Licence Number: 80026 Location: Harmondsworth Landfill Site, Holloway Lane, Sipson, Middlesex, UB7 0AE Licence Holder: Sita Uk Limited Authority: Environment Agency - South East Region, North East Thames Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied **Licence Status:** **Effective** Issued: 11th September 2012 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NW (W)	815	3	507245 177254
25	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Little Harlington Field Licence Number: 80070 Location: Henry Streeter (Sand & Ballast) Ltd, Little Harlington Field, Sipson Lane, Sipson, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status:** **Closure** Issued: 7th April 1992 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NW (N)	836	3	508014 177875
26	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: North Of Sipson Lane, Harlington Licence Number: 80067 Location: Henry Streeter (Sand & Ballast) Ltd, North Of Sipson Lane, Harlington, Hayes, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied **Licence Status:** **PPC** Issued: 15th September 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NW (N)	926	3	507750 177912
27	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Sipson North East Inert Landfill Licence Number: 80594 Location: Sipson Lane, Off Sipson Road, West Drayton, Middlesex, UB7 0JG Licence Holder: Henry Streeter (Sand & Ballast) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Inert LF Max Input Rate: Not Supplied **Licence Status:** **Modified** Issued: 4th June 2004 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A17NE (NW)	957	3	507671 177913
28	**Licensed Waste Management Facilities (Locations)** Licence Number: 80069 Location: (south, Of) Sipson Lane, Harlington, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status:** **Modified** Issued: 5th June 1997 Last Modified: 17th June 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	826	3	507900 177850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Licensed Waste Management Facilities (Locations)** Licence Number: 80594 Location: Sipson Lane, Off Sipson Road, West Drayton, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Inert LF **Licence Status: Modified** Issued: 4th June 2004 Last Modified: 29th March 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	961	3	507663 177913
29	**Licensed Waste Management Facilities (Locations)** Licence Number: 80531 Location: Sipson Lane, Off Sipson Road, Sipson, West Drayton, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Modified** Issued: 24th December 2001 Last Modified: 29th March 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	961	3	507663 177913
29	**Licensed Waste Management Facilities (Locations)** Licence Number: 80070 Location: Little Harlington Field, Sipson Lane, Sipson, Middlesex, UB7 0JG Operator Name: Henry Streeter (Sand & Ballast) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Closed** Issued: 7th April 1992 Last Modified: 27th September 1994 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	961	3	507666 177915
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	4	508080 176990
30	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (S)	152	-	508040 176797
31	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	663	-	507933 176293
32	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A13NE (NE)	95	-	508214 177087
33	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A12SE (W)	379	-	507650 176868
34	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14NW (NE)	433	-	508540 177182
35	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A14SW (SE)	443	-	508502 176709
36	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A19SW (NE)	480	-	508508 177337

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A12NE (W)	499	-	507555 177185
38	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SW (E)	536	-	508666 176953
39	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A7NE (SW)	642	-	507647 176431
40	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A8SW (SW)	693	-	507767 176307
41	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A19SW (NE)	770	-	508710 177547
42	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1915	A7SE (SW)	839	-	507615 176218
43	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SE (E)	879	-	508991 176773
44	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SE (E)	903	-	509014 176765
45	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1920	A14SE (E)	916	-	509013 176708
46	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SE (E)	949	-	509038 176675
47	**Registered Landfill Sites** Licence Holder: Sita Products & Services Ltd Licence Reference: DL600 Site Location: Holloway Lane Quarry, South Of Harmondsworth Lane, Sipson, West Drayton, Middlesex, Ub7 0ae Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: The Pickeridge, Stoke Common Road, FULMER, Buckinghamshire, SL3 6HA Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Operational as far as is knownOperational Dated: 25th August 2000 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Contaminated Soils Degradable Commercial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.02) Degradable Industrial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.03) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Maximum Daily Waste Permitted By Licence With Annual Maximum Waste Prohibited Waste: Clinical Wastes Other Waste/Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs)	A12NW (W)	904	3	507152 177256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Registered Landfill Sites** Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: T/NE/STR030 Site Location: Imperial College Site, South of Sipson Lane Landfill, Sipson, WEST DRAYTON, Middlesex, UB7 0JG Licence Easting: 508200 Licence Northing: 178000 Operator Location: 66 Purley Way, CROYDON, Surrey, CR9 6EG Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Operational as far as is knownOperational Dated: 5th June 1997 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Lwra Cat. A = Inert Wastes Prohibited Waste: Clinical - As In Control.Waste Regs'92 Liquid Wastes Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Unweathered Road Metal Waste N.O.S.	A18NE (N)	964	3	508200 178000
48	**Registered Landfill Sites** Licence Holder: Henry Streeter (Sand & Ballast) Ltd Licence Reference: DL293 Site Location: Imperial College Sports Ground, Sipson Lane, Hayes, Middlesex Licence Easting: 508200 Licence Northing: 178000 Operator Location: High Street, Harlington, Hayes, Hillingdon, Middlesex, Ub3 5da Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1989 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Hardcore,Brickwork,Stone,Concrete Max.Waste Permitted By Licence-Stated Road Metal Sand, Silica Subsoil, Clay Prohibited Waste: Clinical - As In Coll/Disp.Regs Of '88 Notifiable Wastes Special Wastes	A18NE (N)	964	3	508200 178000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SE (NE)	0	2	508080 176990
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (NE)	0	2	508080 176990
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	369	2	508500 176990
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: 100 - 200 mg/kg Nickel Concentration: no data	A14SE (E)	774	2	508904 176951
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	947	2	508080 176000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (SE)	979	2	509000 176500
49	**BGS Recorded Mineral Sites** Site Name: Imperial College Playing Fields Location: , Sipson, Harlington, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 2402 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Thames Gravel Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (N)	619	2	508045 177660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	**BGS Recorded Mineral Sites** Site Name: Imperial College Playing Fields North Location: , Harlington, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 6877 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19NW (N)	902	2	508430 177890
51	**BGS Recorded Mineral Sites** Site Name: Cranford Lane South Location: , Harlington, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 6878 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A15NW (E)	994	2	509100 177260
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 508322, 177227 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 28.70 mg/kg Cadmium Measured Concentration: 1.40 mg/kg Chromium Measured Concentration: 106.80 mg/kg Lead Measured Concentration: 276.20 mg/kg Nickel Measured Concentration: 36.00 mg/kg	A13NE (NE)	268	2	508322 177227
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507646, 177290 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 14.90 mg/kg Cadmium Measured Concentration: 4.10 mg/kg Chromium Measured Concentration: 105.50 mg/kg Lead Measured Concentration: 222.20 mg/kg Nickel Measured Concentration: 31.70 mg/kg	A12NE (NW)	469	2	507646 177290
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 508188, 177706 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 14.10 mg/kg Cadmium Measured Concentration: 0.60 mg/kg Chromium Measured Concentration: 38.00 mg/kg Lead Measured Concentration: 22.60 mg/kg Nickel Measured Concentration: 12.20 mg/kg	A18NE (N)	670	2	508188 177706

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 508758, 177352 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 12.60 mg/kg Cadmium Measured Concentration: 7.80 mg/kg Chromium Measured Concentration: 134.80 mg/kg Lead Measured Concentration: 153.20 mg/kg Nickel Measured Concentration: 33.60 mg/kg	A19SE (NE)	701	2	508758 177352
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507273, 177206 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 14.60 mg/kg Cadmium Measured Concentration: 0.50 mg/kg Chromium Measured Concentration: 77.90 mg/kg Lead Measured Concentration: 187.50 mg/kg Nickel Measured Concentration: 22.30 mg/kg	A12NW (W)	774	2	507273 177206
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 507626, 177788 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 11.30 mg/kg Cadmium Measured Concentration: 0.80 mg/kg Chromium Measured Concentration: 89.50 mg/kg Lead Measured Concentration: 106.40 mg/kg Nickel Measured Concentration: 20.90 mg/kg	A17NE (NW)	866	2	507626 177788
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 508660, 177727 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured Concentration: 15.00 mg/kg Cadmium Measured Concentration: 1.00 mg/kg Chromium Measured Concentration: 71.90 mg/kg Lead Measured Concentration: 358.70 mg/kg Nickel Measured Concentration: 25.20 mg/kg	A19NW (NE)	868	2	508660 177727

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum Concentration: 1.00 mg/kg Arsenic Average Concentration: 17.00 mg/kg Arsenic Maximum Concentration: 161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 165.20 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 79.00 mg/kg Chromium Maximum Concentration: 2094.00 mg/kg Lead Minimum Concentration: 11.00 mg/kg Lead Average Concentration: 280.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 2.00 mg/kg Nickel Average Concentration: 28.00 mg/kg Nickel Maximum Concentration: 506.00 mg/kg	A13SE (NE)	0	2	508080 176990
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	172	2	508085 176774
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	226	2	508126 176720
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	172	2	508085 176774
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	46	2	508169 176922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	172	2	508085 176774
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	2	508080 176990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	**Contemporary Trade Directory Entries** Name: Heathrow Airport Location: 234, Bath Road, Harlington, HAYES, Middlesex, UB3 5AP Classification: Airports **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	0	-	508088 176979
52	**Contemporary Trade Directory Entries** Name: Heathrow Airport Location: 234, Bath Road, Hayes, Middlesex, UB3 5AP Classification: Airports **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	0	-	508088 176979
53	**Contemporary Trade Directory Entries** Name: Vanderlande Location: 1, Mondial Way, Harlington, Hayes, UB3 5AR Classification: Conveyors & Conveyor Belts **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	24	-	508119 177063
54	**Contemporary Trade Directory Entries** Name: Apc Uk Ltd Location: Aeolian Quartet, 4, Mondial Way, Hayes, Middlesex, UB3 5AR Classification: Power Transmission Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	42	-	508173 177019
55	**Contemporary Trade Directory Entries** Name: Suparior Cargo Ltd Location: Axis House, 242, Bath Road, Hayes, Middlesex, UB3 5AY Classification: Airfreight Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	45	-	507973 176971
56	**Contemporary Trade Directory Entries** Name: Cameron Ltd Location: Mondial House, 5, Mondial Way, Harlington, Hayes, Middlesex, UB3 5AR Classification: Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	94	-	508224 177012
56	**Contemporary Trade Directory Entries** Name: Cooper Energy Services Location: Mondial House, 5, Mondial Way, Hayes, Middlesex, UB3 5AR Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	94	-	508224 177012
57	**Contemporary Trade Directory Entries** Name: Pest Control Support Services Location: 26, Doghurst Avenue, HAYES, Middlesex, UB3 5BJ Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	121	-	507916 177067
58	**Contemporary Trade Directory Entries** Name: Somerfield Location: Simpson Corner,Bath Rd, Harlington, Hayes, Middlesex, UB3 5AY Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	212	-	507806 176954
58	**Contemporary Trade Directory Entries** Name: Texaco Location: Bath Road, Harlington, Hayes, UB3 5AY Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	221	-	507796 176974
59	**Contemporary Trade Directory Entries** Name: G E Aircraft Engines Ltd Location: 635, Sipson Road, Sipson, West Drayton, UB7 0JE Classification: Aviation Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (W)	219	-	507803 177037
60	**Contemporary Trade Directory Entries** Name: Executive Airport Parking Location: 611, Sipson Road, Sipson, West Drayton, UB7 0JD Classification: Car Painters & Sprayers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	253	-	507822 177165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	**Contemporary Trade Directory Entries** Name: Time Corporate Business Services Location: 611, Sipson Road, Sipson, West Drayton, UB7 0JD Classification: Car Engine Tuning & Diagnostic Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	254	-	507822 177165
61	**Contemporary Trade Directory Entries** Name: Servcity Ltd Location: 9, Triumph Close, Harlington, Hayes, Middlesex, UB3 5BL Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	335	-	508466 177034
62	**Contemporary Trade Directory Entries** Name: Skyliner Services Ltd Location: Building 1253,P O Box 10,London Heathrow Airport, Hounslow, Middlesex, TW6 2JA Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NE (SE)	337	-	508251 176633
63	**Contemporary Trade Directory Entries** Name: Garrards Transport Ltd Location: 130, West End Lane, Harlington, Hayes, Middlesex, UB3 5LY Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	367	-	508260 177383
63	**Contemporary Trade Directory Entries** Name: Garrards Transport (Gtl) Ltd Location: Elder Farm, West End Lane, Harlington, Hayes, Middlesex, UB3 5LY Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	390	-	508226 177417
64	**Contemporary Trade Directory Entries** Name: Heathrow Express Location: Cardinal Point, Newall Road, London Heathrow Airport, Hounslow, TW6 2AJ Classification: Railways **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	428	-	508552 176879
65	**Contemporary Trade Directory Entries** Name: Mtm Cleaning Location: 25, Mendip Close, Harlington, Hayes, Middlesex, UB3 5LH Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	481	-	508589 177186
65	**Contemporary Trade Directory Entries** Name: Mtm Mobile Discos Location: 25, Mendip Close, Hayes, Middlesex, UB3 5LH Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	481	-	508589 177186
66	**Contemporary Trade Directory Entries** Name: Mendes Commercial Cleaning Services Ltd Location: 96d, West End Lane, Hayes, Middlesex, UB3 5LX Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	497	-	508414 177448
67	**Contemporary Trade Directory Entries** Name: J B'S Plumbing & Heating Location: 82, Pennine Way, HAYES, Middlesex, UB3 5LP Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	511	-	508589 177266
68	**Contemporary Trade Directory Entries** Name: Scrap My Car Now For Money Hays Kws Location: Capital Place, 120, Bath Road, Harlington, Hayes, Middlesex, UB3 5AN Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	635	-	508766 176969

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	**Contemporary Trade Directory Entries** Name: Mitie Cleaning Services Location: Building 1156, Newall Road, London Heathrow Airport, Hounslow, Middlesex, TW6 2RZ Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	640	-	508759 176830
70	**Contemporary Trade Directory Entries** Name: G F S Air Cargo (Uk) Ltd Location: 41, Sipson Way, West Drayton, Middlesex, UB7 0DW Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	653	-	507379 177132
71	**Contemporary Trade Directory Entries** Name: R J Gale Location: 16, Sipson Way, West Drayton, Middlesex, UB7 0DN Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	677	-	507403 177283
72	**Contemporary Trade Directory Entries** Name: I T G Payphones Location: I T G House, 364, High Street, Hayes, Middlesex, UB3 5LF Classification: Telecommunications Equipment & Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	680	-	508796 177180
73	**Contemporary Trade Directory Entries** Name: Middlesex Recovery Location: B, 501, Sipson Road, West Drayton, Middlesex, UB7 0JB Classification: Car Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	688	-	507465 177412
74	**Contemporary Trade Directory Entries** Name: West London Car Care Centre Ltd Location: Providence Lane, Harlington, Hayes, UB3 5EF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	717	-	508720 177448
74	**Contemporary Trade Directory Entries** Name: West London Performance Motors Ltd Location: Providence Lane, Harlington, Hayes, UB3 5EF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	717	-	508720 177448
74	**Contemporary Trade Directory Entries** Name: West London Performance Motors Location: Providence La, Harlington, Hayes, Middlesex, UB3 5EF Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	749	-	508734 177483
74	**Contemporary Trade Directory Entries** Name: L H R Car Park Location: High Street, Harlington, Hayes, Middlesex, UB3 5DU Classification: Car Painters & Sprayers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	752	-	508768 177439
75	**Contemporary Trade Directory Entries** Name: Return Journey Collection Location: 39, Ashby Way, West Drayton, Middlesex, UB7 0JW Classification: Ceramic Manufacturers, Supplies & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	729	-	507345 177279
76	**Contemporary Trade Directory Entries** Name: West Ramp Coach Park Location: London Heathrow Airport, Hounslow, Middlesex, TW6 2QU Classification: Car Painters & Sprayers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	769	-	507252 176887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**Contemporary Trade Directory Entries** Name: M E L S Ltd Location: 216, Northrop Road, London Heathrow Airport, Hounslow, Middlesex, TW6 2RS Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	771	-	508897 176875
78	**Contemporary Trade Directory Entries** Name: Houseproud Location: 2, Manor Farm, Manor Lane, Harlington, Hayes, Middlesex, UB3 5EG Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	772	-	508617 177639
79	**Contemporary Trade Directory Entries** Name: Multi Choice Mower Location: 1,Gees Court,371a High St, Harlington, Hayes, Middlesex, UB3 5DQ Classification: Lawnmowers & Garden Machinery - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	782	-	508824 177401
79	**Contemporary Trade Directory Entries** Name: Delite Blinds Location: 371a, High Street, Hayes, Middlesex, UB3 5DQ Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	819	-	508854 177425
79	**Contemporary Trade Directory Entries** Name: C P Packaging Suppliers Ltd Location: 371a, High Street, Hayes, Middlesex, UB3 5DQ Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	819	-	508854 177425
79	**Contemporary Trade Directory Entries** Name: The London Meat Co Location: 371a, High Street, Harlington, Hayes, Middlesex, UB3 5DQ Classification: Food Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	819	-	508854 177425
80	**Contemporary Trade Directory Entries** Name: Envirolec Electrical & Renewable Energy Contractors Location: 337, High Street, Harlington, Hayes, Middlesex, UB3 5DQ Classification: Electrical goods - servicing & repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	796	-	508770 177514
80	**Contemporary Trade Directory Entries** Name: Harlington Carpet Cleaners Location: 26, Manse Close, Harlington, Hayes, Middlesex, UB3 5ED Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	828	-	508787 177544
81	**Contemporary Trade Directory Entries** Name: South Eastern Fuels Within Hotel Leonardo Location: Sipson Way, Sipson, West Drayton, Middlesex, UB7 0DP Classification: Oil Companies **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	807	-	507210 176963
82	**Contemporary Trade Directory Entries** Name: Exchange Gearboxes Ltd Location: 228, High Street, Harlington, Hayes, Middlesex, UB3 5DS Classification: Gearboxes **Status: Active** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	813	-	508679 177640
82	**Contemporary Trade Directory Entries** Name: Premier Dryclean & Laundry Location: 210, High Street, Harlington, Hayes, Middlesex, UB3 5DS Classification: Dry Cleaners **Status: Active** Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	841	-	508666 177688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**Contemporary Trade Directory Entries** Name: London Concrete Location: Sipson Quarry,Sipson Lane, Harlington, Hayes, Middlesex, UB3 5EJ Classification: Concrete & Mortar Ready Mixed **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	828	-	508480 177790
84	**Contemporary Trade Directory Entries** Name: Komfort Services Location: 7, Sipson Lane, Harlington, Hayes, Middlesex, UB3 5EH Classification: Boxes & Cartons **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	840	-	508650 177700
85	**Contemporary Trade Directory Entries** Name: Maid 4 U Location: 43, Blunts Avenue, West Drayton, Middlesex, UB7 0DS Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	848	-	507170 177003
86	**Contemporary Trade Directory Entries** Name: Car To Scrap Location: 77, Hudson Road, Harlington, Hayes, Middlesex, UB3 5EN Classification: Car Breakers & Dismantlers **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	855	-	508571 177772
87	**Contemporary Trade Directory Entries** Name: Alphonso Auto Centre Location: Unit B, Chambers Business Park, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HX Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	911	-	507391 177668
87	**Contemporary Trade Directory Entries** Name: Mason-Thompson Ltd Location: Unit C, Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	918	-	507378 177665
88	**Contemporary Trade Directory Entries** Name: Business Parking Plus Terminal 1 Location: North Perimeter Road, London Heathrow Airport, Hounslow, Middlesex, TW6 2RL Classification: Car Painters & Sprayers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A11SE (W)	996	-	507028 176846
89	**Contemporary Trade Directory Entries** Name: General Waste Location: 442, Sipson Road, Sipson, West Drayton, Middlesex, UB7 0HY Classification: Scrap Yards **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	996	-	507288 177685
90	**Fuel Station Entries** Name: Co-Op Harlington Location: Bath Road, Sipson Road, Harlington, West Drayton, Middlesex, UB3 5AY Brand: Texaco Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	211	-	507806 176977
91	**Points of Interest - Commercial Services** Name: Samsonite Ltd Location: Samsonite House 4, Mondial Way, Harlington, Hayes, UB3 5AR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	42	5	508173 177019
92	**Points of Interest - Commercial Services** Name: Sky Diamond Within Renaissance Hotel Location: Bath Road, Heathrow, Hounslow, TW6 2AQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (S)	78	5	508044 176872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	**Points of Interest - Commercial Services** Name: Scandinavian Airlines Cargo Location: 1 World Business Centre Heathrow, Newall Road, London Heathrow Airport, Hounslow, TW6 2RE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	155	5	508271 176883
94	**Points of Interest - Commercial Services** Name: Car Wash Location: Bath Road, Sipson Road, Harlington, West Drayton, Middlesex, UB3 5AY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SW (W)	211	5	507806 176977
94	**Points of Interest - Commercial Services** Name: Co-Op Harlington Location: Bath Road, Sipson Road, Harlington, West Drayton, UB3 5AY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (W)	239	5	507779 177003
95	**Points of Interest - Commercial Services** Name: American Auto Services Location: Elder Farm, 130 West End La, Harlington, Hayes, Middlesex, UB3 5LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	389	5	508226 177416
95	**Points of Interest - Commercial Services** Name: R J G Classics Location: Unit 1 130 West End La, Harlington, Hayes, Middlesex, UB3 5LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	389	5	508226 177416
95	**Points of Interest - Commercial Services** Name: American Auto Services Location: 130 West End Lane, Harlington, Hayes, UB3 5LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	389	5	508226 177416
95	**Points of Interest - Commercial Services** Name: Auto Interiors of London Location: 130 West End Lane, Harlington, Hayes, UB3 5LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	389	5	508226 177416
95	**Points of Interest - Commercial Services** Name: Auto Interiors of London Location: 130 West End Lane, Hayes, UB3 5LY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	390	5	508226 177417
95	**Points of Interest - Commercial Services** Name: Garrards Transport Ltd Location: Unit 3 Elder Farm Business Complex, West End Lane, Harlington, Hayes, UB3 5LY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (N)	390	5	508226 177417
95	**Points of Interest - Commercial Services** Name: Garrards Transport Ltd Location: Unit 3 Elder Farm, West End Lane, Harlington, Hayes, Middlesex, UB3 5LY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (N)	390	5	508226 177417
96	**Points of Interest - Commercial Services** Name: Dimerco Express UK Ltd Location: Capital Place 120, Bath Road, Harlington, Hayes, UB3 5AN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	635	5	508766 176969

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	**Points of Interest - Commercial Services** Name: Collectors Car Parts Location: 43-45 Sipson Way, Sipson, West Drayton, UB7 0DW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	650	5	507380 177120
97	**Points of Interest - Commercial Services** Name: G F S Air Cargo (UK) Ltd Location: 41 Sipson Way, West Drayton, UB7 0DW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	653	5	507379 177132
98	**Points of Interest - Commercial Services** Name: Shiners Location: 5 Warner Close, Harlington, Hayes, UB3 5LG Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	652	5	508758 177219
99	**Points of Interest - Commercial Services** Name: Harlington Car Repair Centre Location: Providence Lane, Harlington, Hayes, UB3 5EF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	718	5	508723 177446
99	**Points of Interest - Commercial Services** Name: West London Car Care Centre Ltd Location: Providence Lane, Harlington, Hayes, UB3 5EF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	719	5	508711 177465
99	**Points of Interest - Commercial Services** Name: West London Performance Motors Ltd Location: Providence Lane, Harlington, Hayes, UB3 5EF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	729	5	508717 177473
100	**Points of Interest - Commercial Services** Name: Exchange Gear Boxes Location: 228 High Street, Harlington, Hayes, UB3 5DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	813	5	508679 177640
101	**Points of Interest - Commercial Services** Name: Car to Scrap Location: 77 Hudson Road, Harlington, Hayes, UB3 5EN Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	854	5	508570 177772
102	**Points of Interest - Commercial Services** Name: Alphonso Auto Centre Location: Unit B Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	911	5	507391 177668
102	**Points of Interest - Commercial Services** Name: Alphonso Auto Centre Location: Unit B Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	911	5	507391 177668
102	**Points of Interest - Commercial Services** Name: Mason-Thompson Ltd Location: Unit C Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	918	5	507379 177666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	**Points of Interest - Commercial Services** Name: Mason-thompson Ltd Location: Unit C Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	918	5	507378 177665
102	**Points of Interest - Commercial Services** Name: Mason-thompson Ltd Location: Unit C Chambers Business Park, Sipson Road, Sipson, West Drayton, UB7 0HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	918	5	507379 177666
103	**Points of Interest - Commercial Services** Name: General Waste Location: 442 Sipson Road, Sipson, West Drayton, UB7 0HY Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17NW (NW)	997	5	507288 177685
104	**Points of Interest - Manufacturing and Production** Name: Regus Plc Location: World Business Centre Heathrow, Newall Road, London Heathrow Airport, Hounslow, Middlesex, TW6 2RJ Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A13SE (SE)	155	5	508271 176883
104	**Points of Interest - Manufacturing and Production** Name: World Business Centre Location: TW6 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	199	5	508306 176855
105	**Points of Interest - Manufacturing and Production** Name: Tank Location: UB3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	470	5	508238 177497
105	**Points of Interest - Manufacturing and Production** Name: Quarry Location: UB3 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	492	5	508322 177492
106	**Points of Interest - Manufacturing and Production** Name: Quarry Location: UB3 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	694	5	508095 177735
107	**Points of Interest - Manufacturing and Production** Name: Tank Location: TW6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	716	5	508837 176839
108	**Points of Interest - Manufacturing and Production** Name: Quarry Location: UB3 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	744	5	508526 177669
109	**Points of Interest - Manufacturing and Production** Name: Works Location: UB3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	863	5	508913 177405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	867	5	508917 177406
110	**Points of Interest - Manufacturing and Production** Name: Tank Location: UB3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	891	5	508278 177918
111	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	924	5	507386 177681
111	**Points of Interest - Manufacturing and Production** Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	926	5	507382 177680
112	**Points of Interest - Manufacturing and Production** Name: Tanks Location: TW6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	933	5	507096 176815
113	**Points of Interest - Manufacturing and Production** Name: Airport Gate Business Centre Location: UB7 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	999	5	507018 176964
114	**Points of Interest - Manufacturing and Production** Name: Gravel Pit Location: UB7 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	999	5	507097 177386
115	**Points of Interest - Public Infrastructure** Name: Heathrow Airport Operations Communications Team Location: 234 Bath Road, Harlington, Hayes, UB3 5AP Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A13SE (SE)	0	5	508088 176979
115	**Points of Interest - Public Infrastructure** Name: Heathrow Airport Location: 234 Bath Road, Harlington, Hayes, UB3 5AP Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A13SE (SE)	0	5	508088 176979
115	**Points of Interest - Public Infrastructure** Name: B A A Plc Location: 234 Bath Road, Harlington, Hayes, UB3 5AP Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A13SE (SE)	0	5	508088 176979
116	**Points of Interest - Public Infrastructure** Name: Texaco Location: Bath Road, Harlington, Hayes, UB3 5AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (W)	211	5	507806 176977
116	**Points of Interest - Public Infrastructure** Name: Texaco Location: Bath Road, Harlington, Hayes, UB3 5AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (W)	211	5	507806 176977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	**Points of Interest - Public Infrastructure** Name: Somerfield London Harlington 3351-4 Location: Bath Road, Hayes, UB3 5AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (W)	211	5	507807 176977
116	**Points of Interest - Public Infrastructure** Name: Texaco Location: Bath Road, Sipson Road, Harlington, West Drayton, UB3 5AY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (W)	211	5	507806 176977
117	**Points of Interest - Public Infrastructure** Name: Heathrow Airport Police Station Location: Northside, London Heathrow Airport, Hounslow, TW6 2DJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12SE (W)	304	5	507716 176917
117	**Points of Interest - Public Infrastructure** Name: Metropolitan Police Service Heathrow Airport Location: Northside, London Heathrow Airport, Hounslow, TW6 2DJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12SE (W)	304	5	507716 176917
118	**Points of Interest - Public Infrastructure** Name: Onyx Ltd Location: Building 1156, Newall Road, London Heathrow Airport, Hounslow, TW6 2RZ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	640	5	508759 176830
119	**Points of Interest - Public Infrastructure** Name: Heathrow Fire Station Location: Heathrow Fire Station Building 450, Northern Perimeter Road, London Heathrow Airport, Hounslow, TW6 2RR Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A12SW (W)	895	5	507134 176818
120	**Points of Interest - Recreational and Environmental** Name: Playground Location: Browngraves Road, UB3 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	236	5	508280 177222
120	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	237	5	508280 177223
121	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	688	5	507339 177106
121	**Points of Interest - Recreational and Environmental** Name: Playground Location: Sipson Way, UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	688	5	507339 177106

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A13NW (N)	107	6	508061 177148
123	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A17SE (NW)	634	6	507522 177400
124	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A14NE (E)	704	6	508832 177109
125	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A18NE (N)	793	6	508248 177824
126	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A12NW (W)	818	6	507243 177255
127	**Areas of Adopted Green Belt** Authority: London Borough of Hillingdon Plan Name: Hillingdon Unitary Development Plan **Status: Adopted** Plan Date: 30th September 1998	A19NE (NE)	976	6	508848 177702
128	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A17SE (NW)	857	8	507400 177600

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Spelthorne Borough Council - Environmental Health Department	April 2014	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	August 2013	Annual Rolling Update
Slough Borough Council - Environmental Protection	January 2015	Annual Rolling Update
London Borough of Hillingdon - Environmental Protection Unit	March 2015	Annual Rolling Update
London Borough of Hounslow - Contaminated Land Section	May 2014	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	October 2013	Annual Rolling Update
South Buckinghamshire District Council - Environmental Health Department	October 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	January 2017	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - North East Thames Area	January 2017	Quarterly
Environment Agency - South East Region - West Thames Area	January 2017	Quarterly
Environment Agency - Thames Region	January 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control		
London Borough of Hillingdon - Environmental Health Department	August 2014	Annual Rolling Update
Spelthorne Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
London Borough of Hounslow - Environmental Health Department	February 2013	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	July 2015	Annual Rolling Update
Slough Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
South Buckinghamshire District Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
London Borough of Hillingdon - Environmental Health Department	August 2014	Annual Rolling Update
Spelthorne Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
London Borough of Hounslow - Environmental Health Department	February 2013	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	July 2015	Annual Rolling Update
Slough Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
South Buckinghamshire District Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
London Borough of Hillingdon - Environmental Health Department	August 2014	Annual Rolling Update
Spelthorne Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
London Borough of Hounslow - Environmental Health Department	February 2013	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	July 2015	Annual Rolling Update
Slough Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
South Buckinghamshire District Council - Environmental Health Department	September 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Thames Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Thames Region	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually

Data Currency

Agency & Hydrological	Version	Update Cycle
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - North East Thames Area	January 2017	Quarterly
Environment Agency - South East Region - West Thames Area	January 2017	Quarterly
Environment Agency - Thames Region - North East Area	January 2017	Quarterly
Environment Agency - Thames Region - South East Area	January 2017	Quarterly
Water Abstractions		
Environment Agency - Thames Region	October 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Thames Region	January 2017	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	February 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	February 2017	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	January 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - North East Thames Area	August 2016	Quarterly
Environment Agency - South East Region - West Thames Area	August 2016	Quarterly
Environment Agency - Thames Region - North East Area	August 2016	Quarterly
Environment Agency - Thames Region - South East Area	August 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - North East Thames Area	October 2016	Quarterly
Environment Agency - South East Region - West Thames Area	October 2016	Quarterly
Environment Agency - Thames Region - North East Area	October 2016	Quarterly
Environment Agency - Thames Region - South East Area	October 2016	Quarterly
Local Authority Landfill Coverage		
Buckinghamshire County Council	May 2000	Not Applicable
London Borough of Ealing	May 2000	Not Applicable
London Borough of Hillingdon - Environmental Health Department	May 2000	Not Applicable
London Borough of Hounslow - Environmental Health Department	May 2000	Not Applicable
Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit	May 2000	Not Applicable
Slough Borough Council	May 2000	Not Applicable
South Buckinghamshire District Council	May 2000	Not Applicable
Spelthorne Borough Council - Environmental Health Department	May 2000	Not Applicable
Surrey County Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
South Buckinghamshire District Council	August 2006	Not Applicable
Buckinghamshire County Council	May 2000	Not Applicable
London Borough of Ealing	May 2000	Not Applicable
London Borough of Hillingdon - Environmental Health Department	May 2000	Not Applicable
London Borough of Hounslow - Environmental Health Department	May 2000	Not Applicable
Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit	May 2000	Not Applicable
Slough Borough Council	May 2000	Not Applicable
Spelthorne Borough Council - Environmental Health Department	May 2000	Not Applicable
Surrey County Council	September 2003	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Thames Region - North East Area	June 2015	Not Applicable
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Buckinghamshire County Council	February 2016	Annual Rolling Update
London Borough of Ealing	February 2016	Annual Rolling Update
London Borough of Hounslow	February 2016	Annual Rolling Update
Slough Borough Council - Development & Consumer Protection Dep.	February 2016	Annual Rolling Update
South Buckinghamshire District Council - Development Control Department	February 2016	Annual Rolling Update
Spelthorne Borough Council - Planning Department	February 2016	Annual Rolling Update
Surrey County Council	February 2016	Annual Rolling Update
London Borough of Hillingdon	January 2016	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Buckinghamshire County Council	February 2016	Annual Rolling Update
London Borough of Ealing	February 2016	Annual Rolling Update
London Borough of Hounslow	February 2016	Annual Rolling Update
Slough Borough Council - Development & Consumer Protection Dep.	February 2016	Annual Rolling Update
South Buckinghamshire District Council - Development Control Department	February 2016	Annual Rolling Update
Spelthorne Borough Council - Planning Department	February 2016	Annual Rolling Update
Surrey County Council	February 2016	Annual Rolling Update
London Borough of Hillingdon	January 2016	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council	October 2015	Annual Rolling Update

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	August 2016	Bi-Annually
Areas of Adopted Green Belt		
London Borough of Ealing	February 2017	As notified
London Borough of Hillingdon	February 2017	As notified
London Borough of Hounslow	February 2017	As notified
Royal Windsor and Maidenhead Unitary Council	February 2017	As notified
Slough Borough Council	February 2017	As notified
South Buckinghamshire District Council - Development Control Department	February 2017	As notified
Spelthorne Borough Council	February 2017	As notified
Areas of Unadopted Green Belt		
London Borough of Ealing	February 2017	As notified
London Borough of Hillingdon	February 2017	As notified
London Borough of Hounslow	February 2017	As notified
Royal Windsor and Maidenhead Unitary Council	February 2017	As notified
Slough Borough Council	February 2017	As notified
South Buckinghamshire District Council - Development Control Department	February 2017	As notified
Spelthorne Borough Council	February 2017	As notified
Areas of Outstanding Natural Beauty		
Natural England	January 2017	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	January 2017	Bi-Annually
Marine Nature Reserves		
Natural England	January 2017	Bi-Annually
National Nature Reserves		
Natural England	January 2017	Bi-Annually
National Parks		
Natural England	February 2017	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites		
Natural England	January 2017	Bi-Annually
Sites of Special Scientific Interest		
Natural England	January 2017	Bi-Annually
Special Areas of Conservation		
Natural England	January 2017	Bi-Annually
Special Protection Areas		
Natural England	January 2017	Bi-Annually
World Heritage Sites		
English Heritage - National Monument Record Centre	September 2015	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**London Borough of Hillingdon - Environmental Health Department** Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 277443 Website: www.hillingdon.gov.uk
5	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
6	**London Borough of Hillingdon** Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
7	**London Borough of Hounslow** Civic Centre, Lampton Road, Hounslow, Middlesex, TW3 4DN	Telephone: 020 8862 5970 Fax: 020 8862 5801 Website: www.hounslow.gov.uk
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Appendix C Site Sensitivity 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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

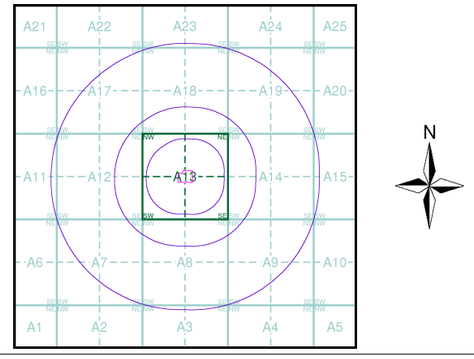
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868 - 1869	3
Buckinghamshire	1:10,560	1881	4
Middlesex	1:10,560	1897	5
Buckinghamshire	1:10,560	1900	6
Middlesex	1:10,560	1915 - 1920	7
Middlesex	1:10,560	1915 - 1920	8
Middlesex	1:10,560	1915	9
Middlesex	1:10,560	1932 - 1935	10
Buckinghamshire	1:10,560	1932	11
Middlesex	1:10,560	1935	12
Middlesex	1:10,560	1938	13
Middlesex	1:10,560	1938	14
Historical Aerial Photography	1:10,560	1948	15
Historical Aerial Photography	1:10,560	1948	16
Ordnance Survey Plan	1:10,000	1960	17
Ordnance Survey Plan	1:10,000	1965	18
Ordnance Survey Plan	1:10,000	1970	19
Ordnance Survey Plan	1:10,000	1975	20
London	1:25,000	1985	21
Ordnance Survey Plan	1:10,000	1989	22
10K Raster Mapping	1:10,000	1999	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2017	25

Historical Map - Slice A



Order Details

Order Number: 119677965_1_1
Customer Ref: 15433
National Grid Reference: 508080, 176990
Slice: A
Site Area (Ha): 0.95
Search Buffer (m): 1000

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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
- Single-track Railroad
- Double-track 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

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
- Main Highway
- Highway under Construction
- Improved Dirt Road (former truck road)
- Double-track Railroad with First Class Station
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment
- Direction and velocity of current
- 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

TQ07_London

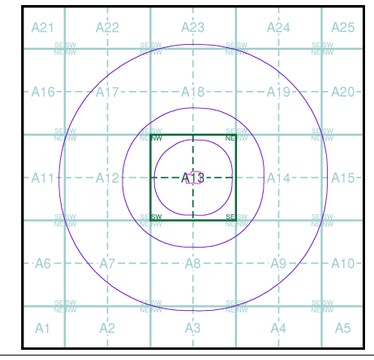
No.	Description
52	Depot (Fire Service)

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868 - 1869	3
Buckinghamshire	1:10,560	1881	4
Middlesex	1:10,560	1897	5
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Russian Map - Slice A



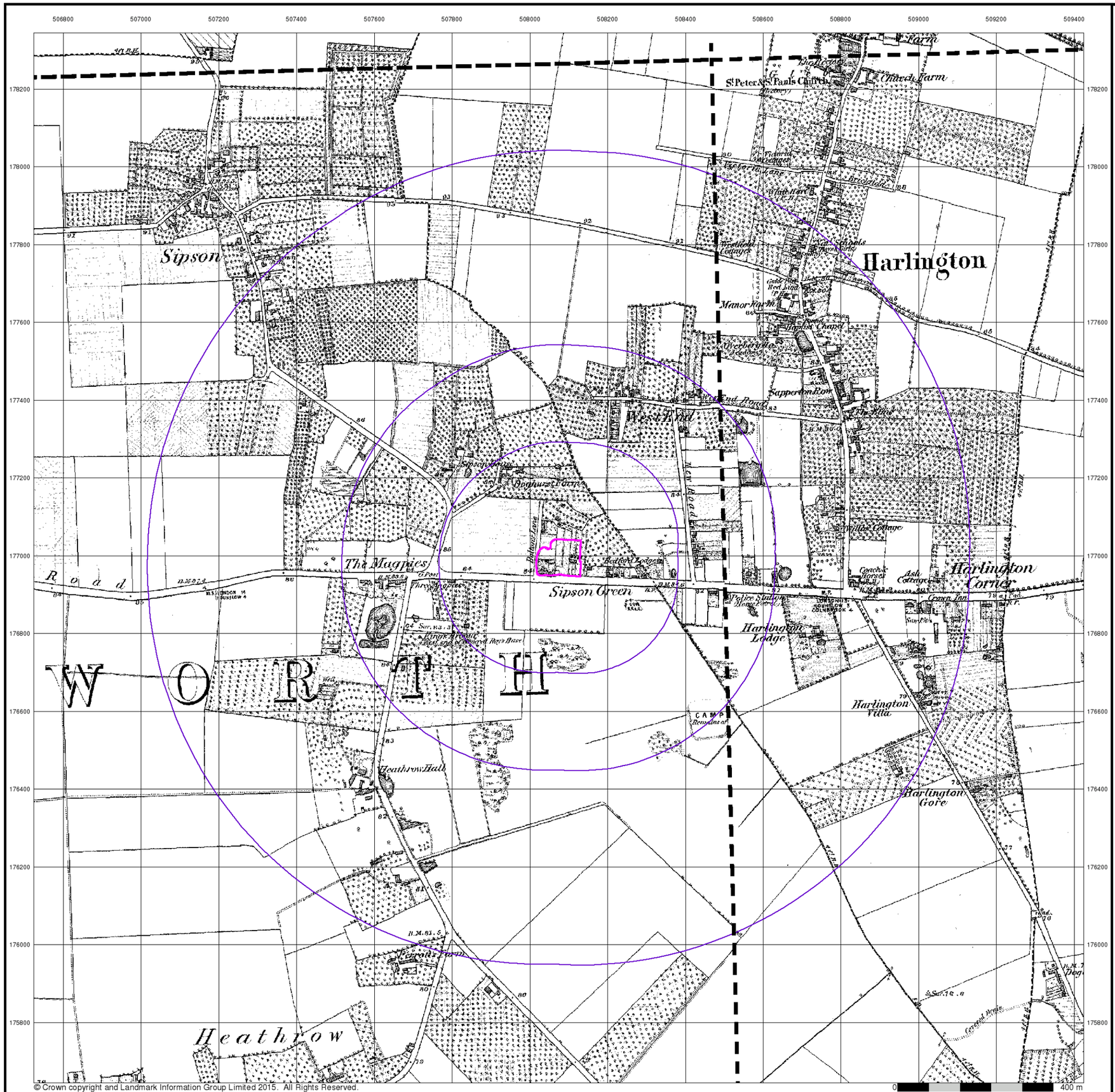
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Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	1000

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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



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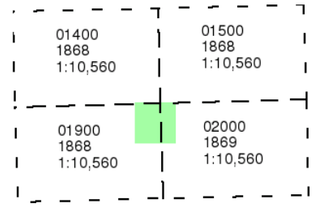
Middlesex

Published 1868 - 1869

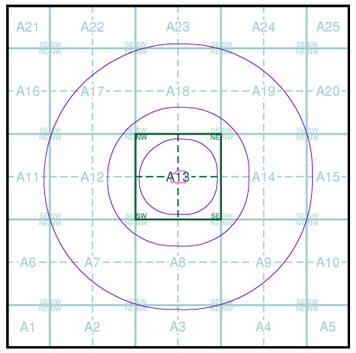
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



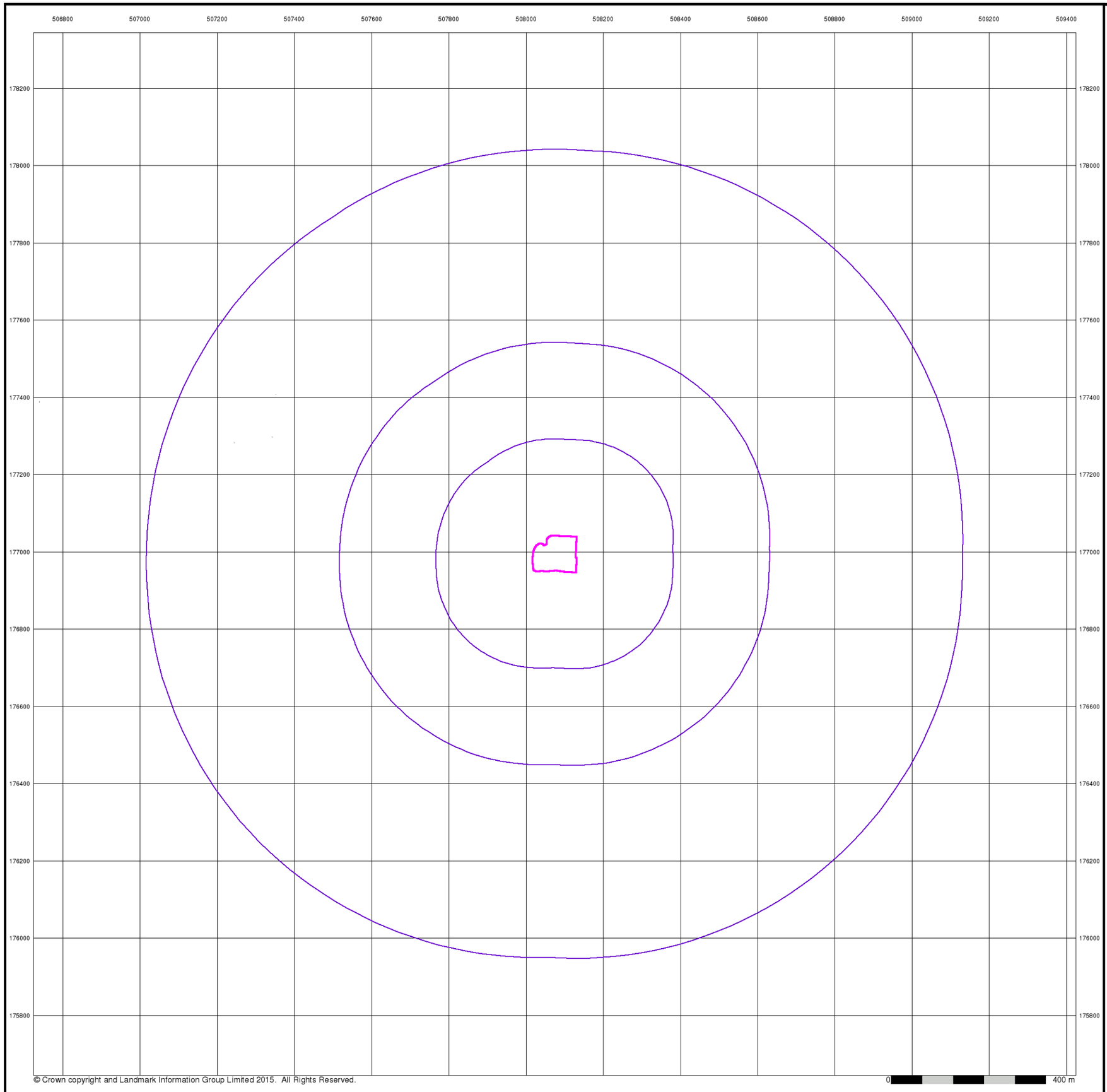
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	1000

Site Details

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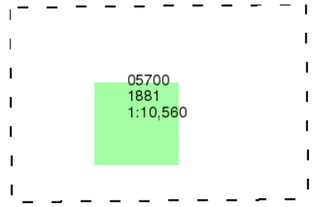
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Published 1881

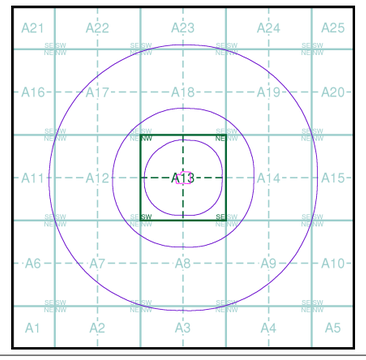
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



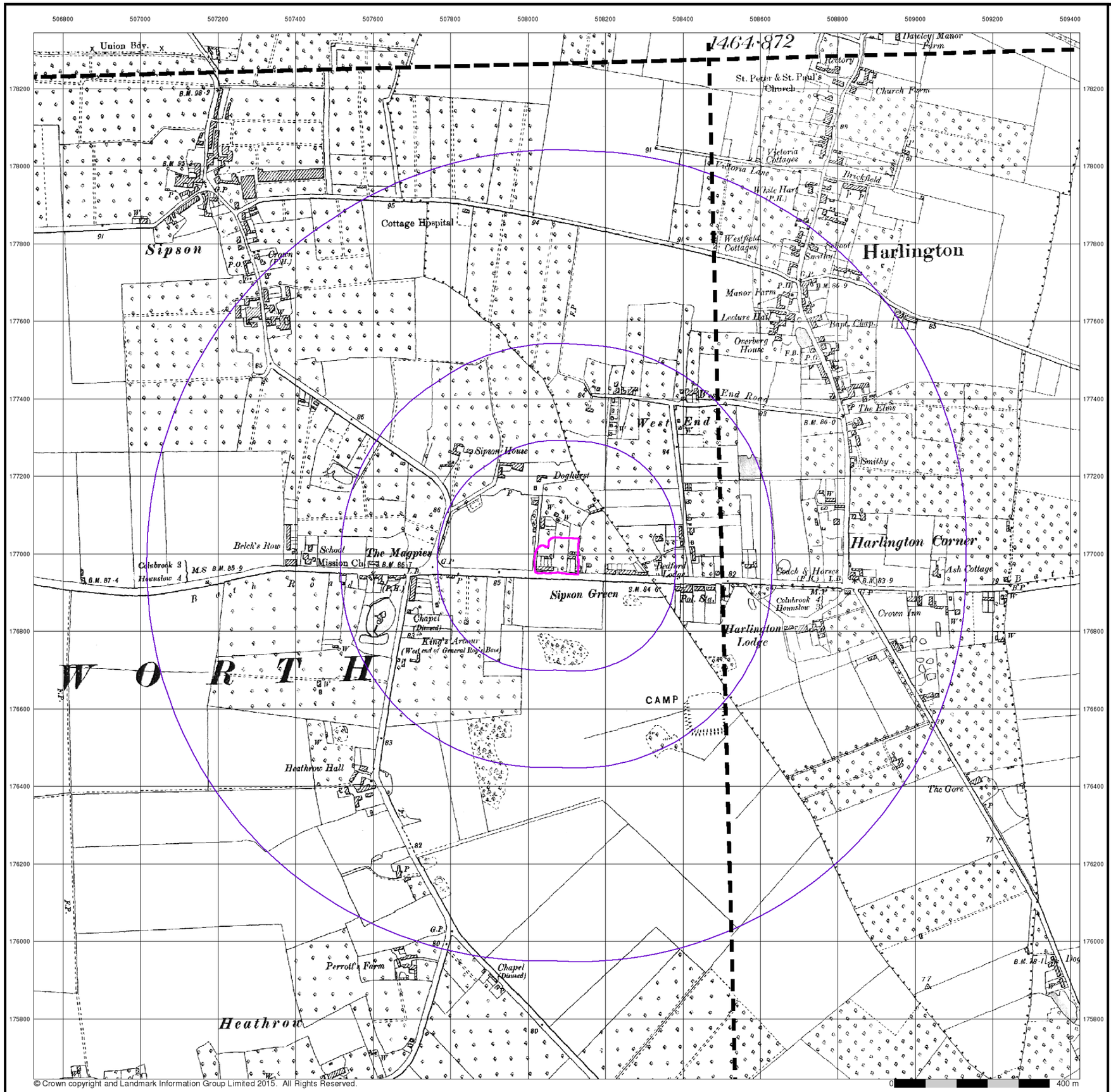
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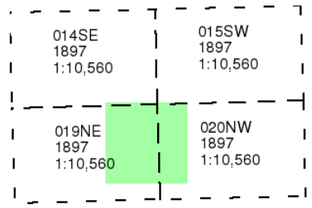
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Published 1897

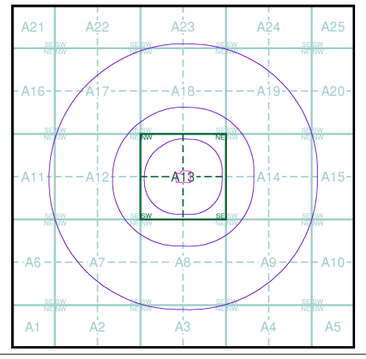
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Map Name(s) and Date(s)



Historical Map - Slice A



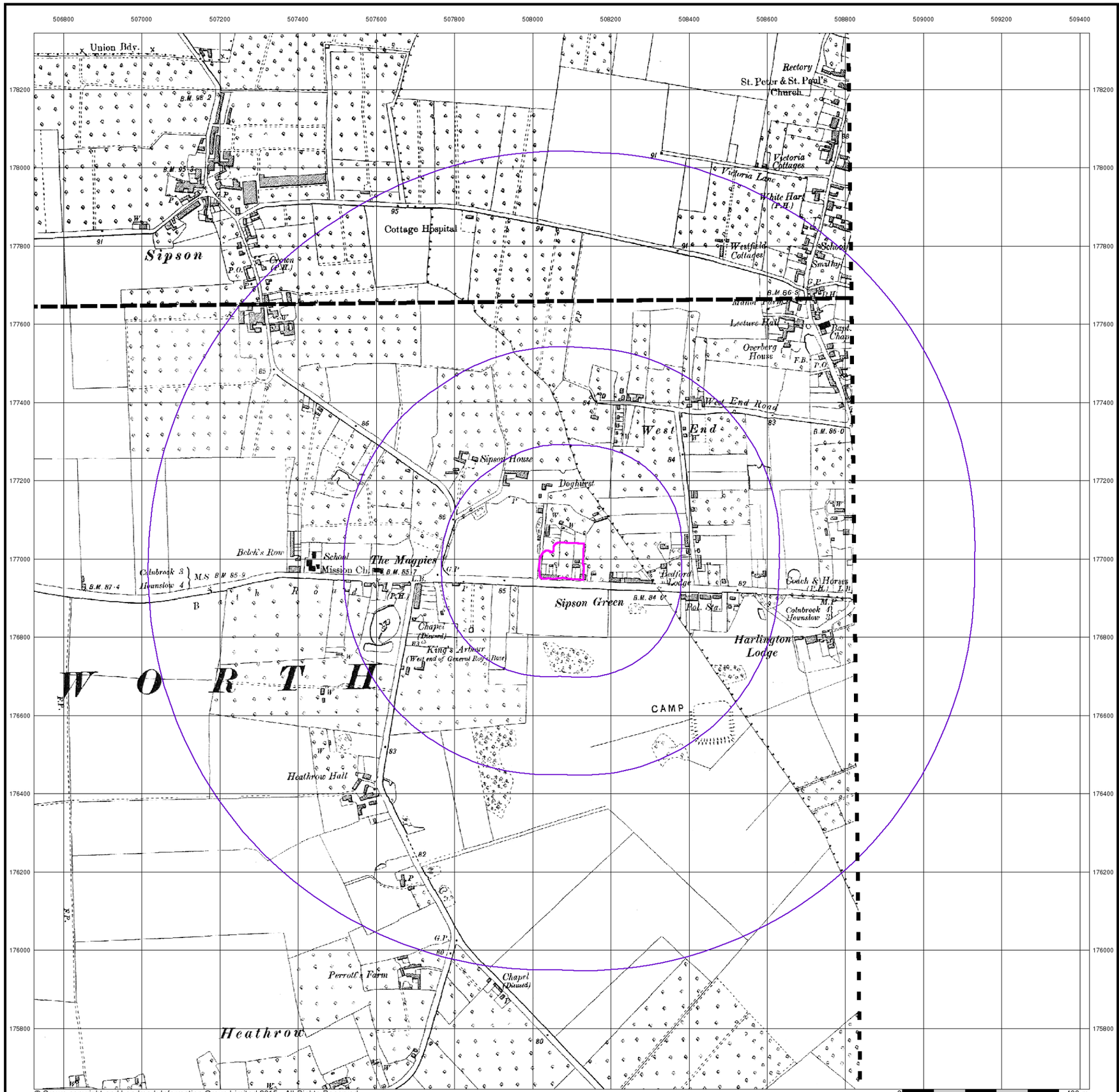
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Buckinghamshire

Published 1900

Source map scale - 1:10,560

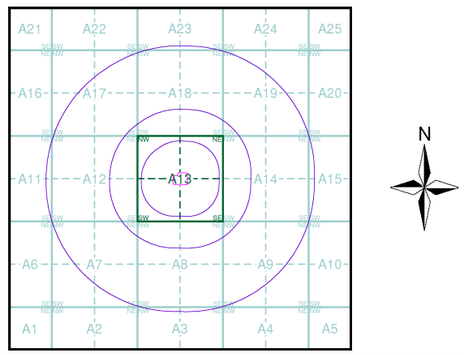
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Map Name(s) and Date(s)

057NW
1900
1:10,560

057SW
1900
1:10,560

Historical Map - Slice A



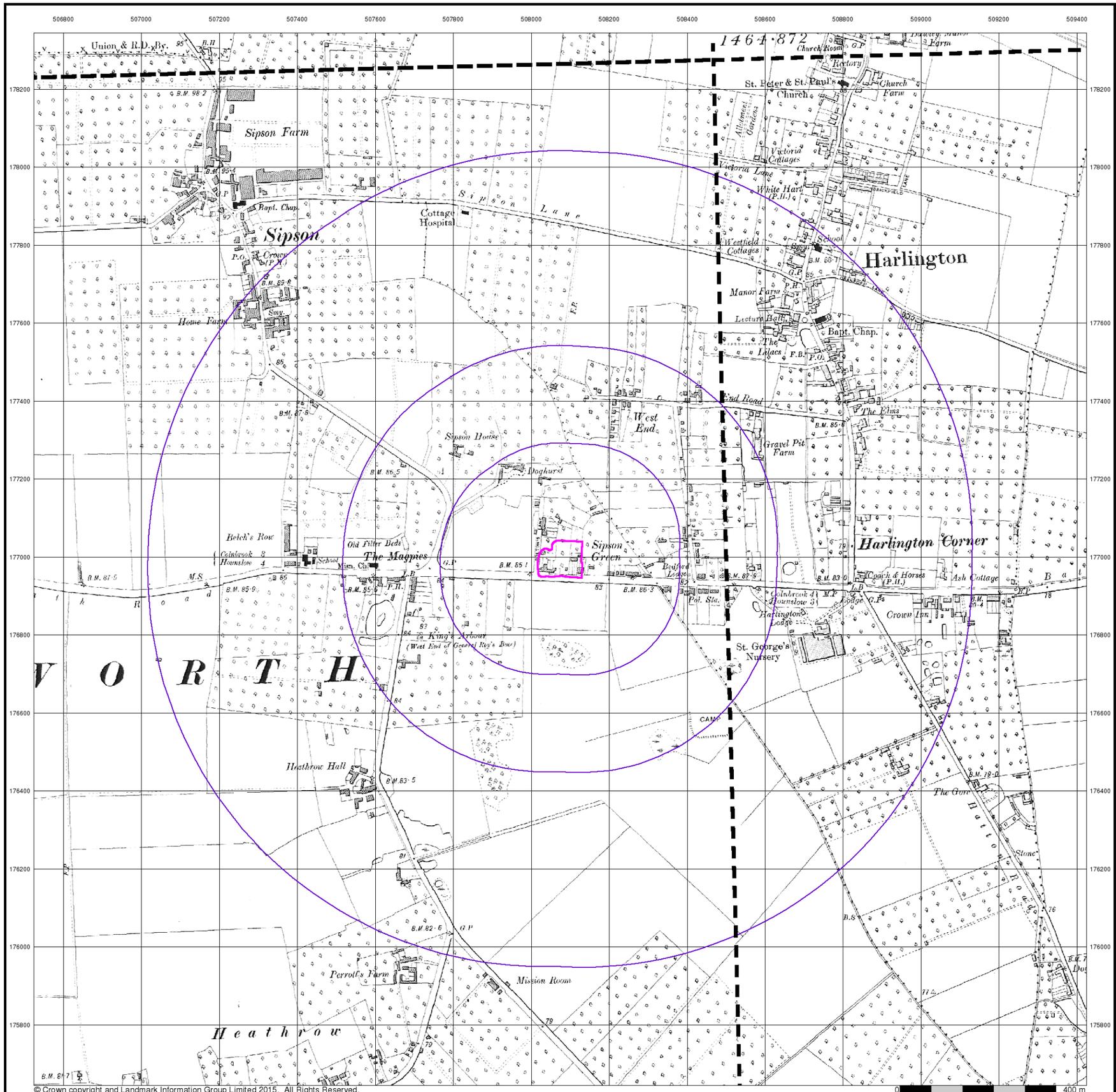
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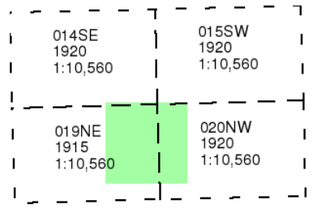
Middlesex

Published 1915 - 1920

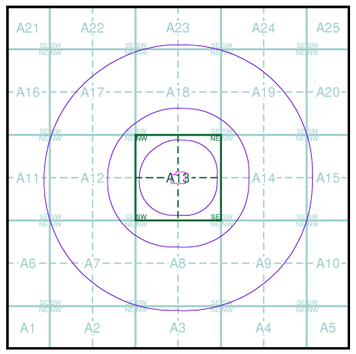
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Map Name(s) and Date(s)



Historical Map - Slice A



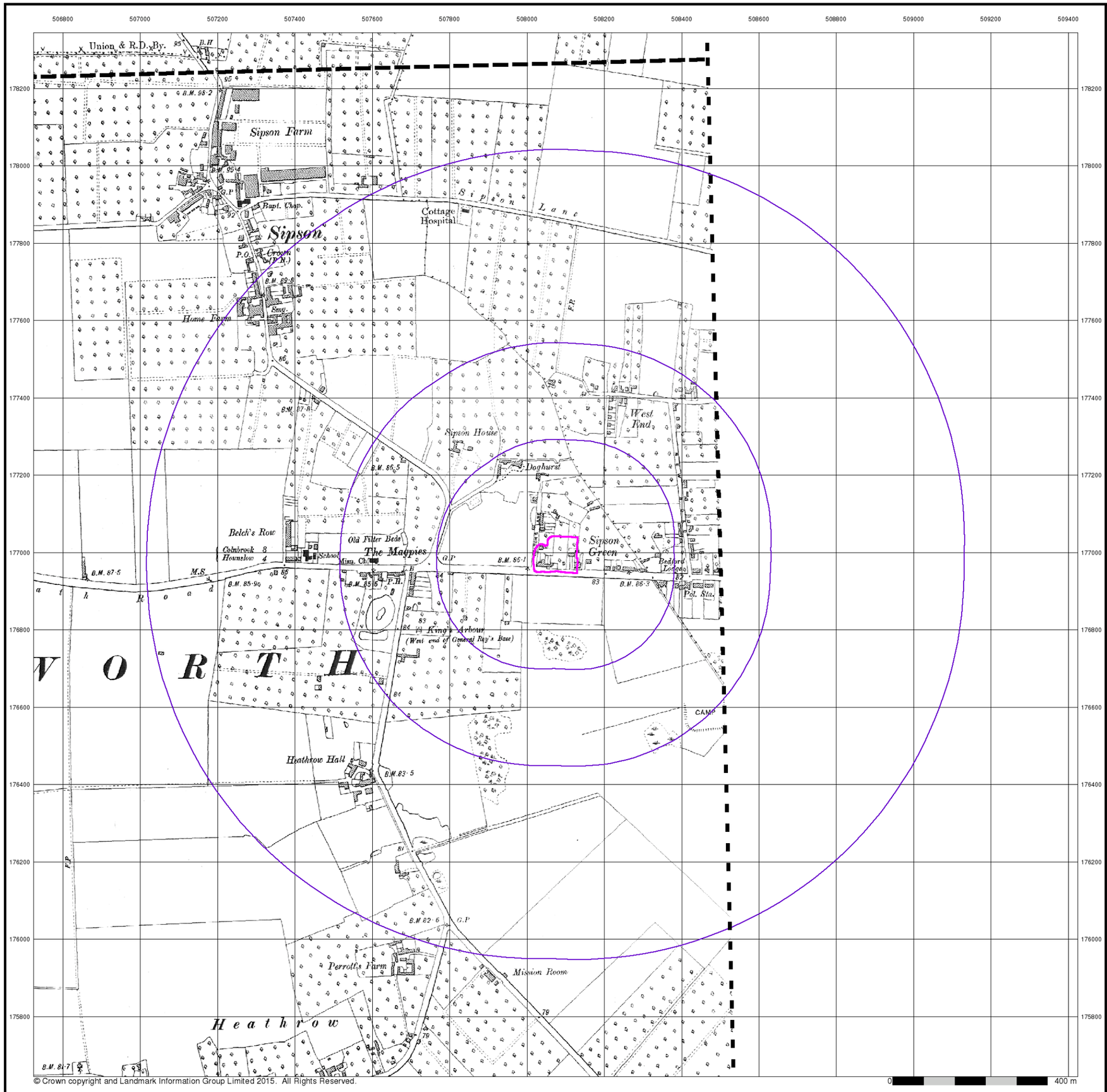
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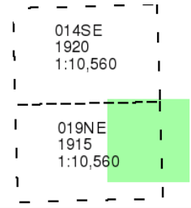
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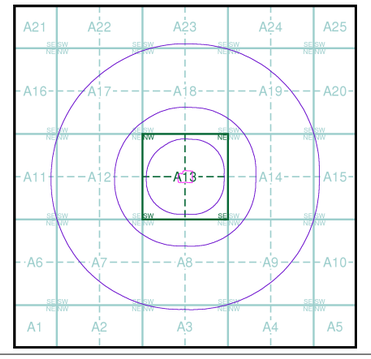
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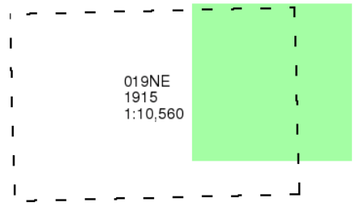
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Published 1915

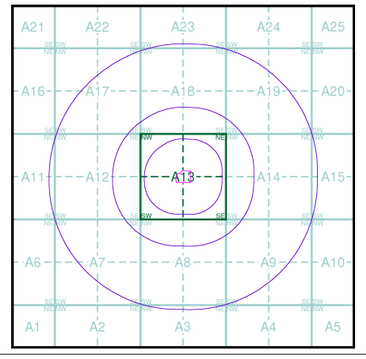
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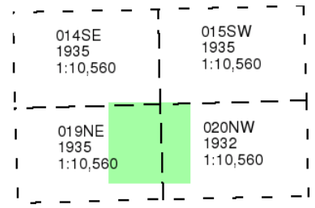
Middlesex

Published 1932 - 1935

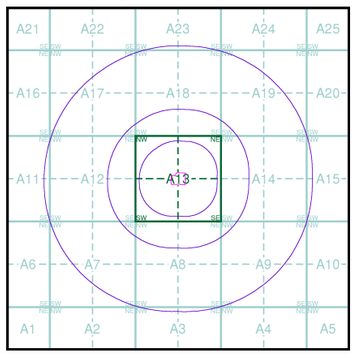
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Map Name(s) and Date(s)



Historical Map - Slice A



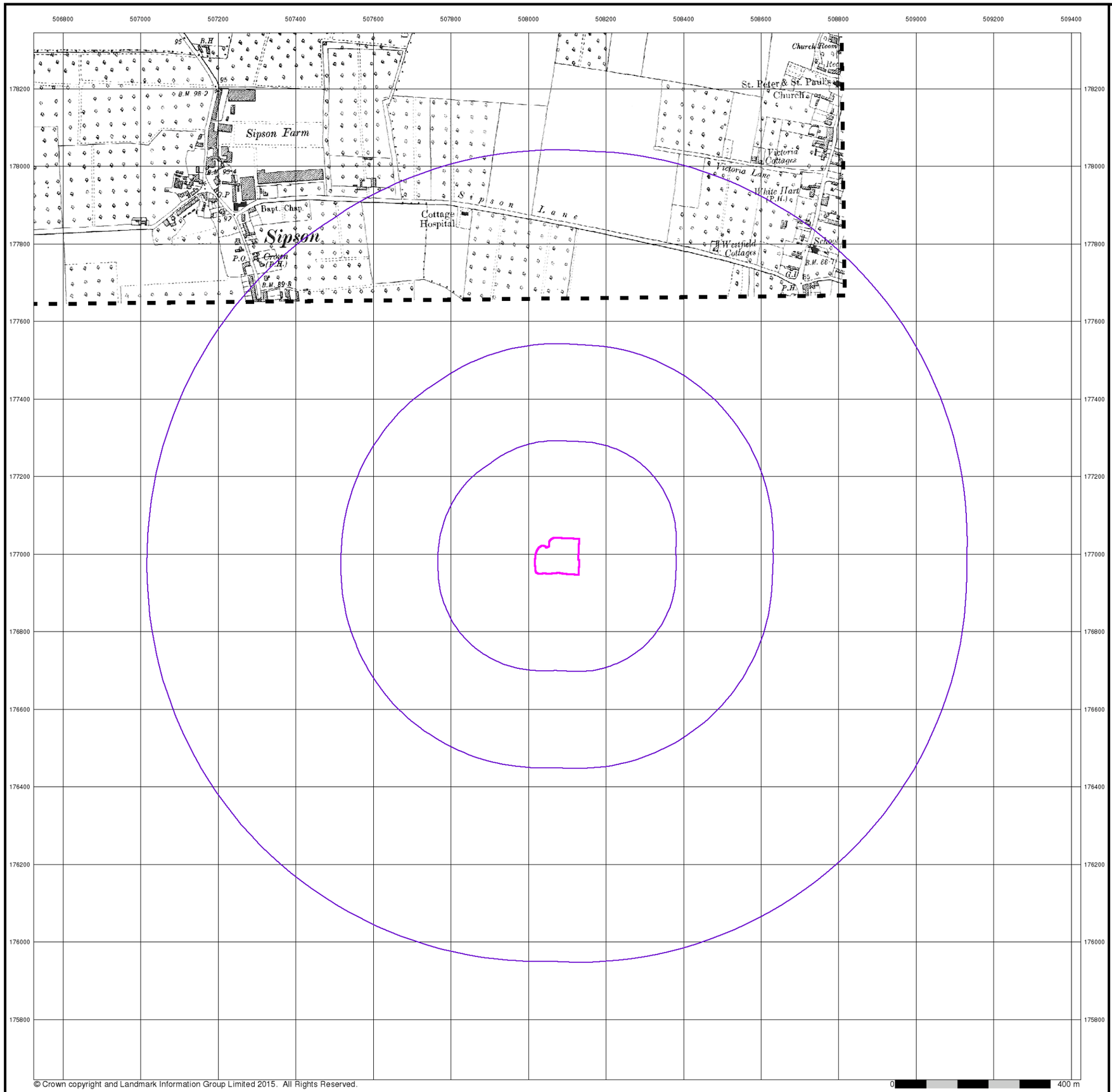
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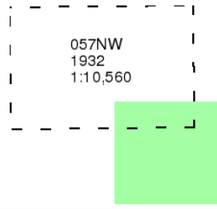
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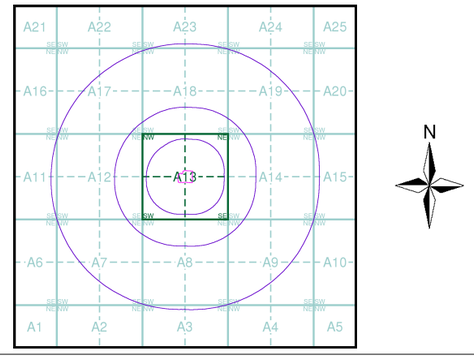
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Historical Map - Slice A



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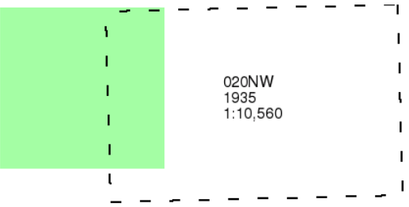
Middlesex

Published 1935

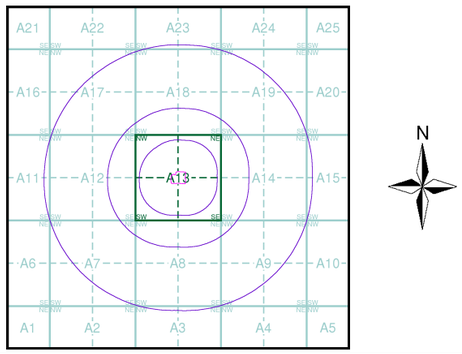
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Map Name(s) and Date(s)



Historical Map - Slice A



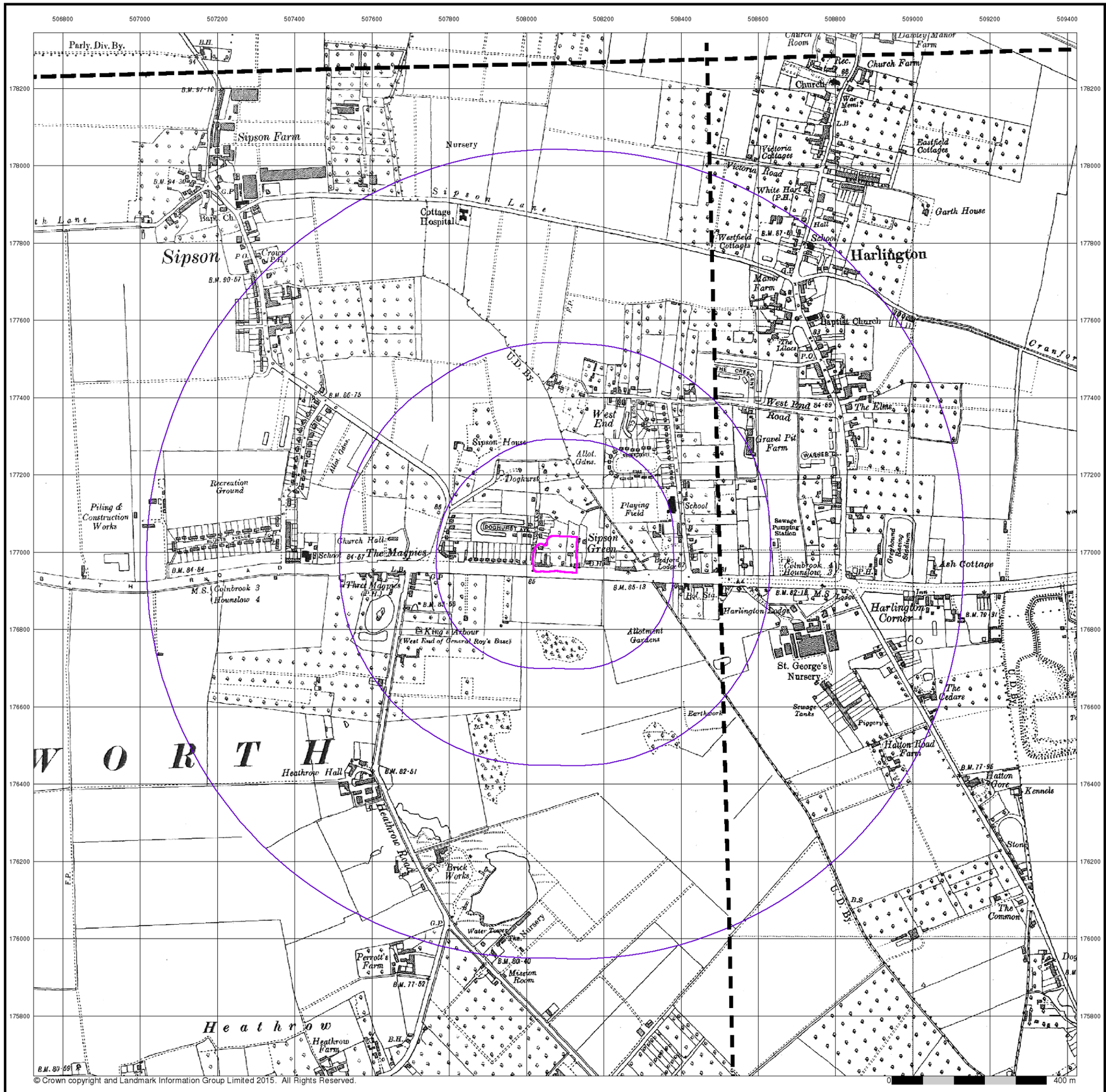
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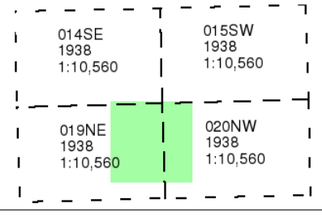
Middlesex

Published 1938

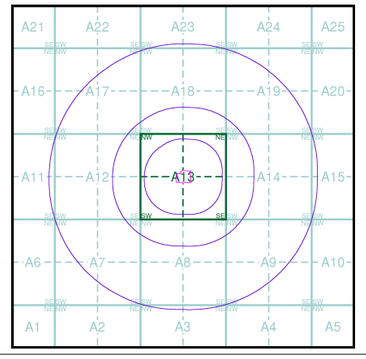
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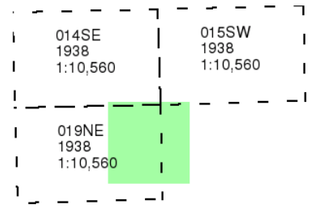
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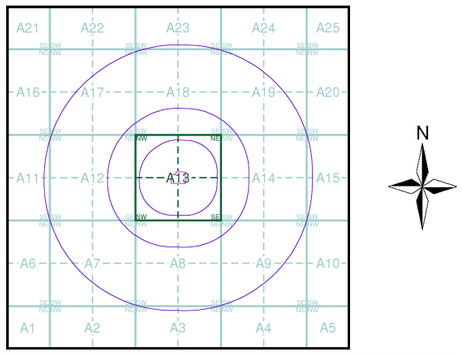
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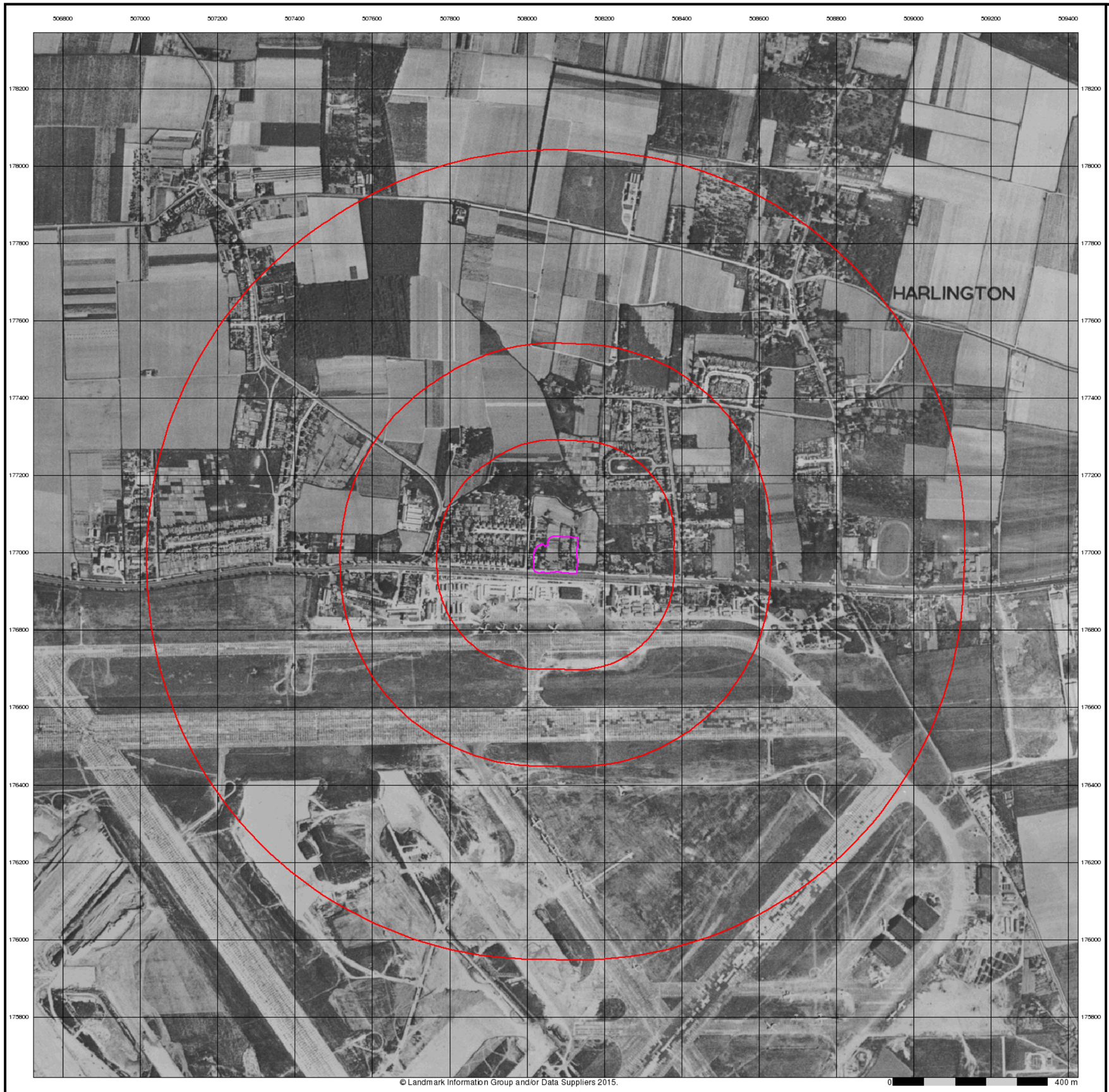
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National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	1000

Site Details

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Historical Aerial Photography

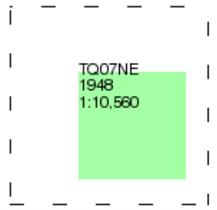
Published 1948

Source map scale - 1:10,560

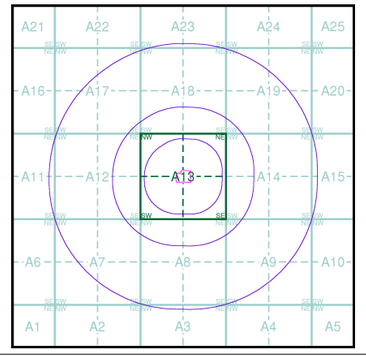
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



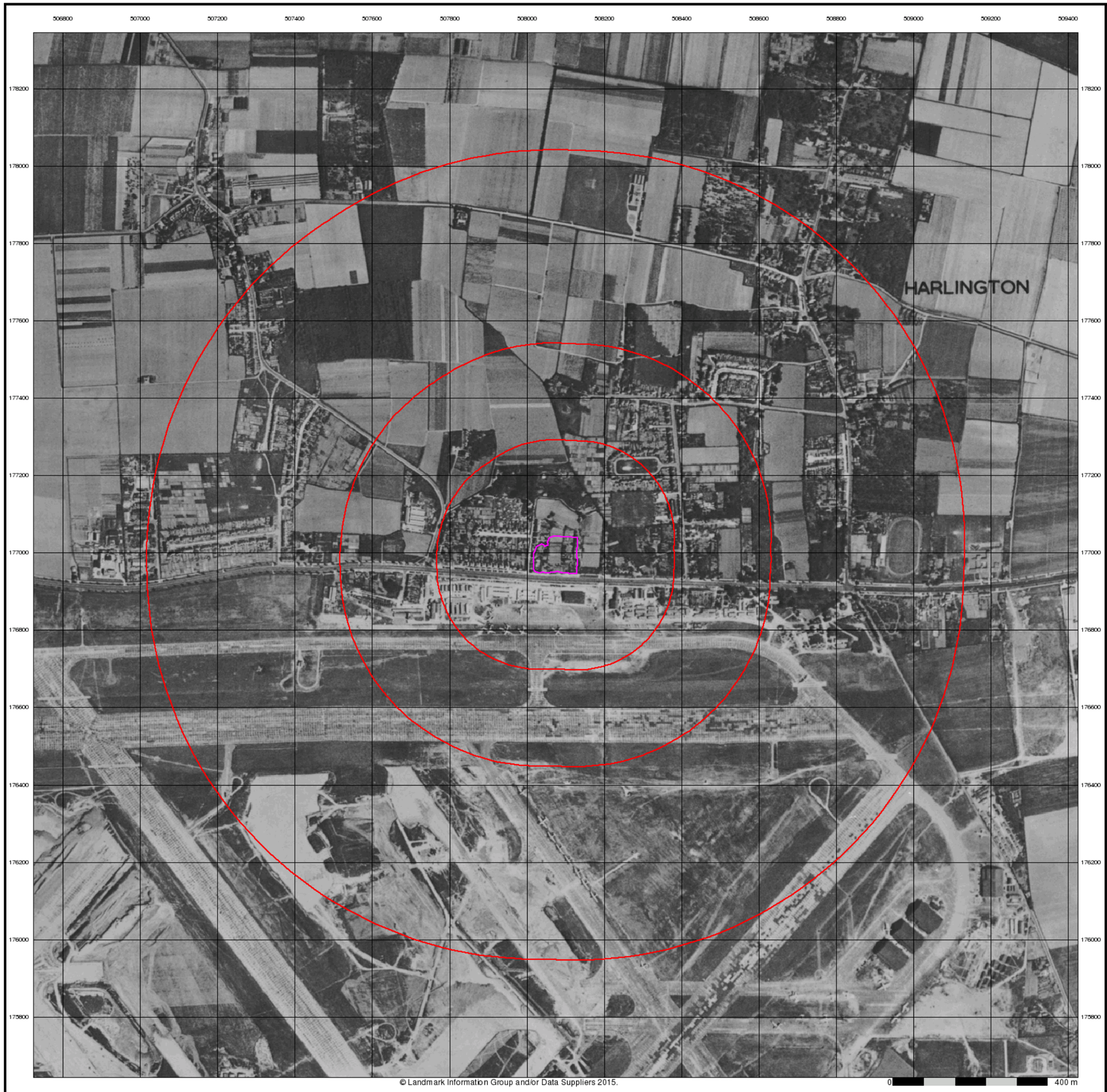
Order Details

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Historical Aerial Photography

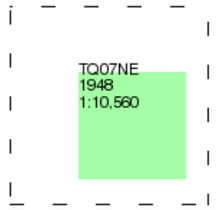
Published 1948

Source map scale - 1:10,560

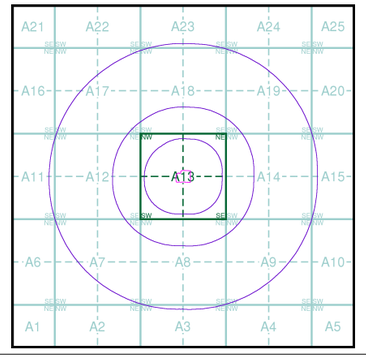
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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A

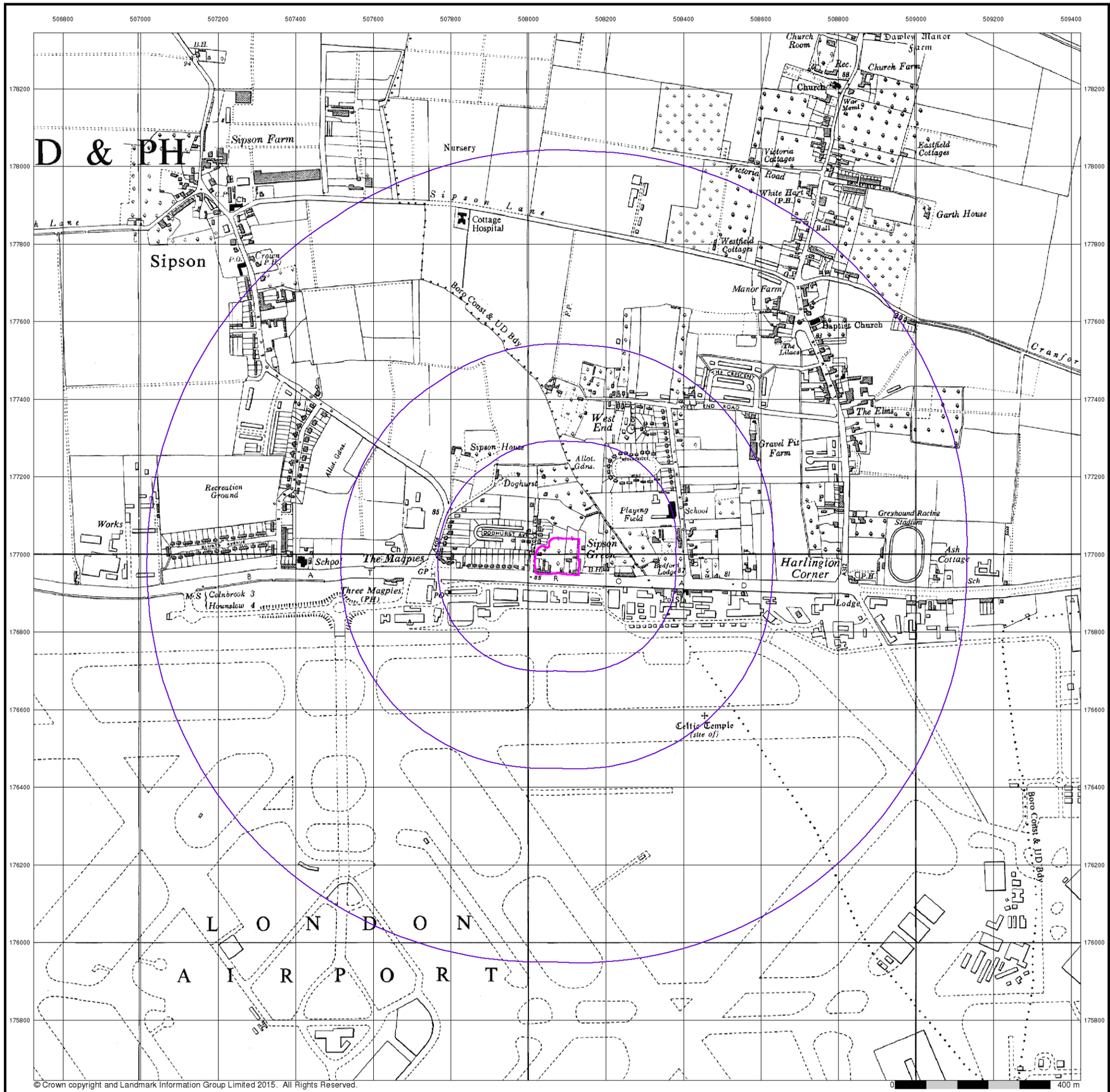


Order Details

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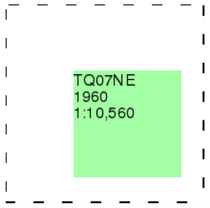
Ordnance Survey Plan

Published 1960

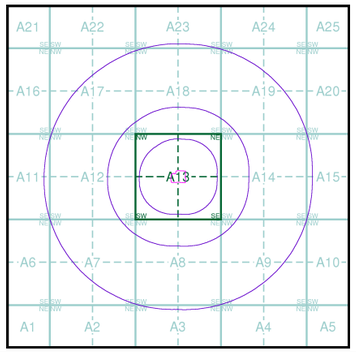
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



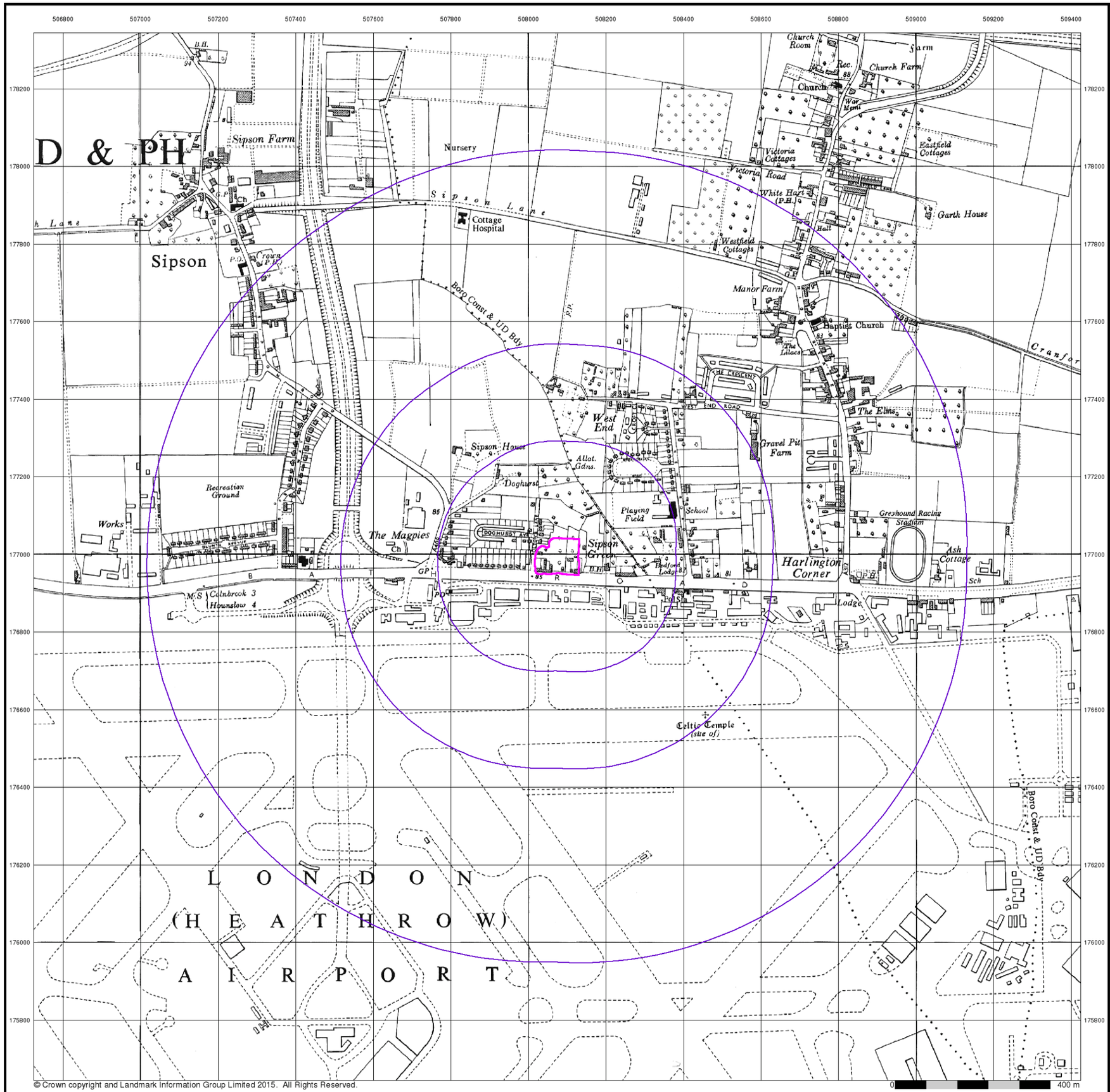
Order Details

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National Grid Reference:	508080, 176990
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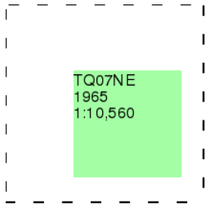
Ordnance Survey Plan

Published 1965

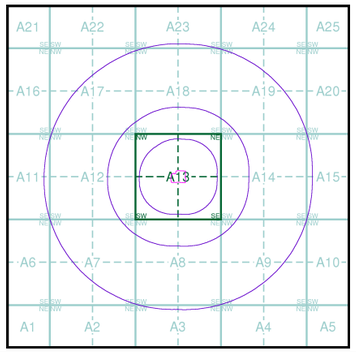
Source map scale - 1:10,000

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



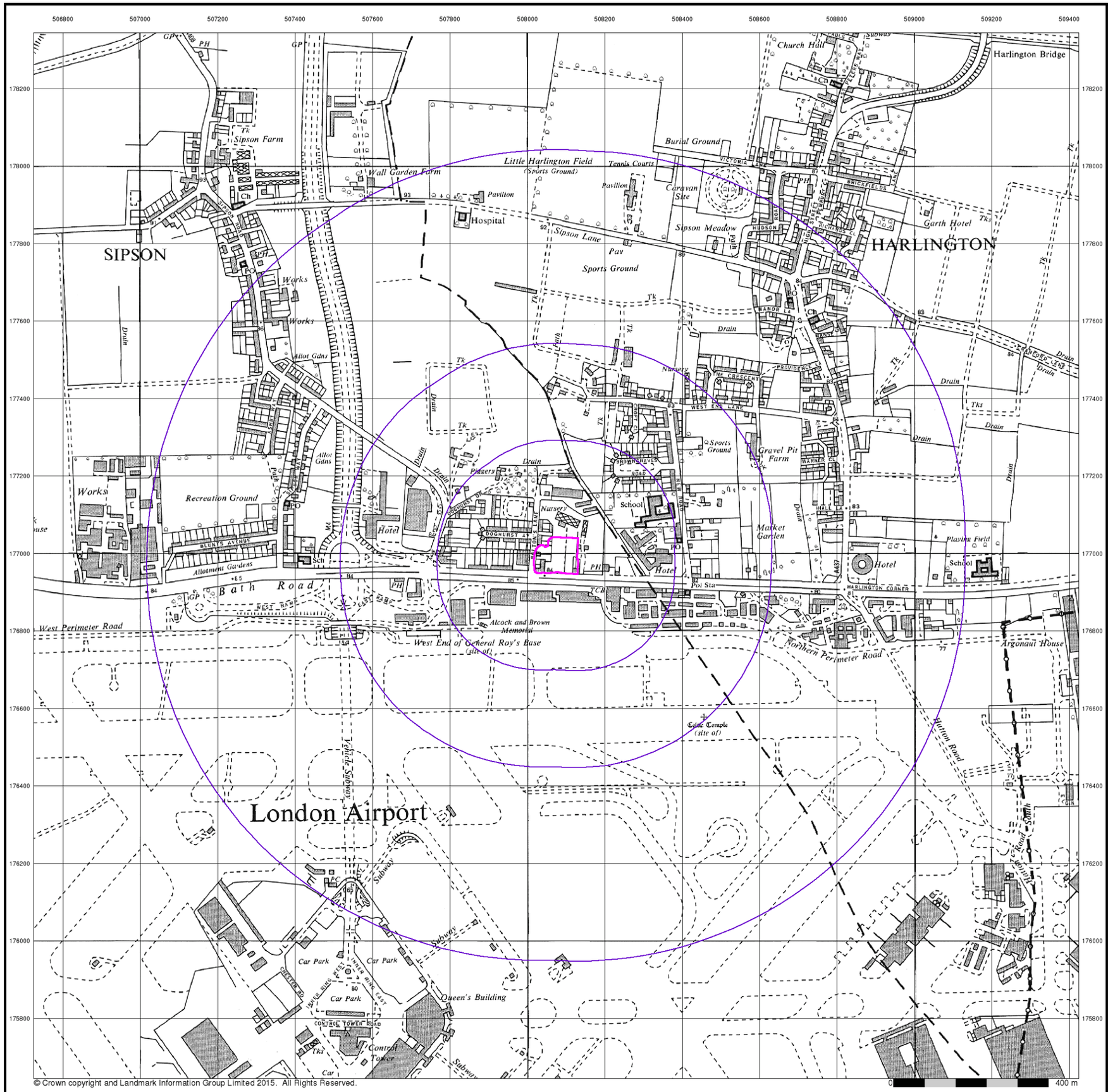
Order Details

Order Number:	119677965_1_1
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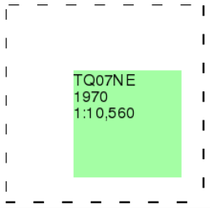
Ordnance Survey Plan

Published 1970

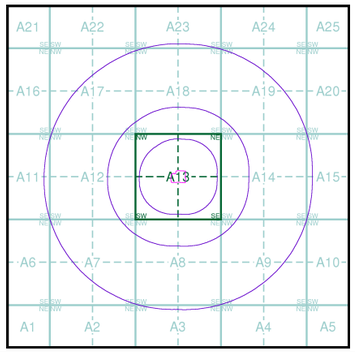
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



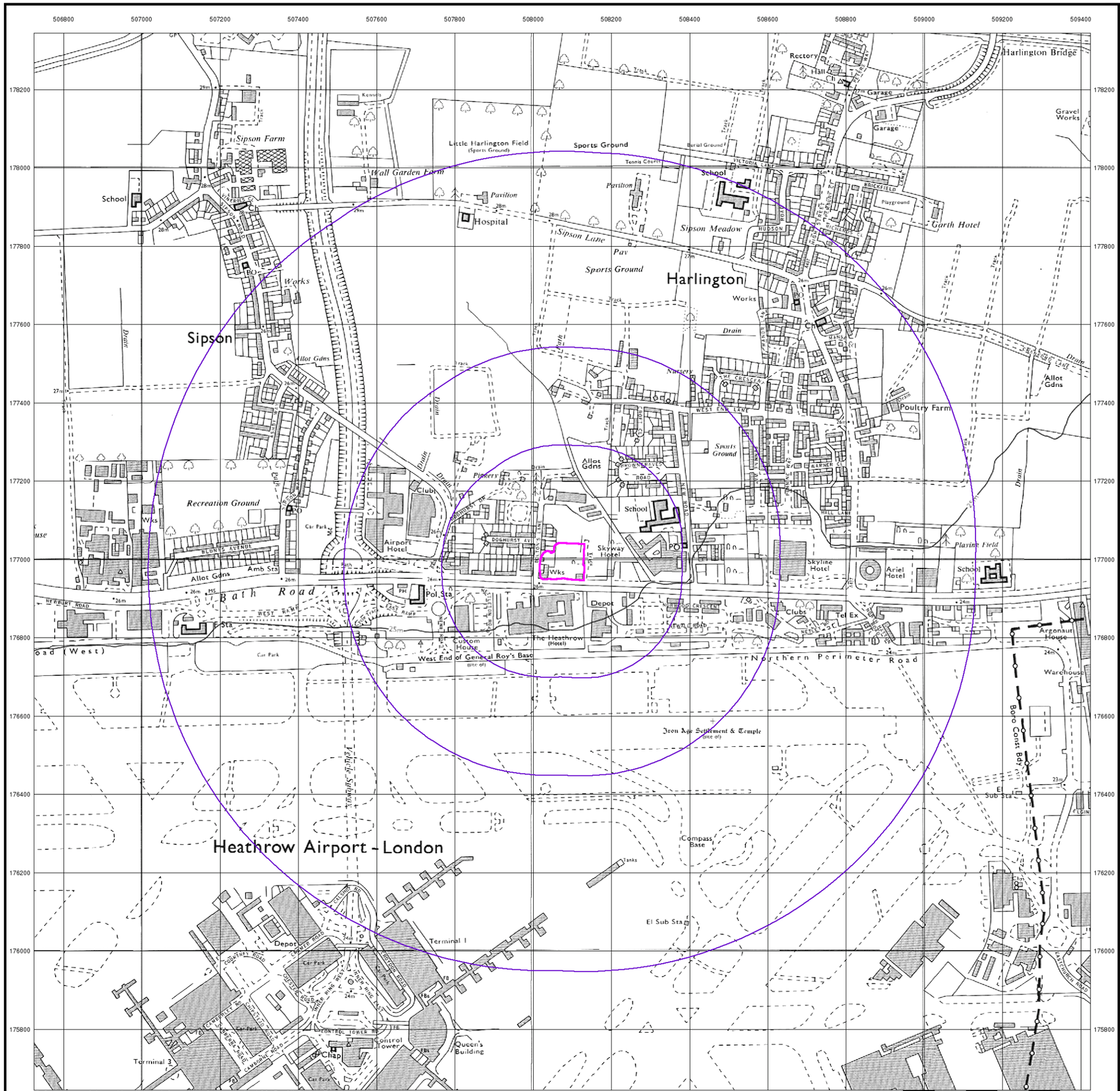
Order Details

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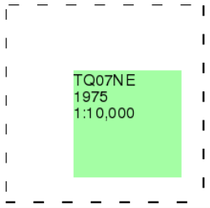
Ordnance Survey Plan

Published 1975

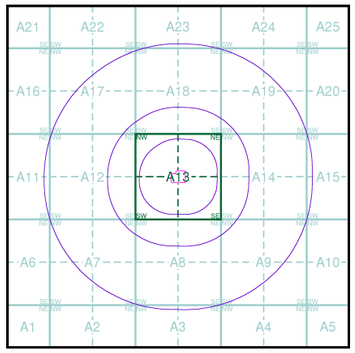
Source map scale - 1:10,000

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



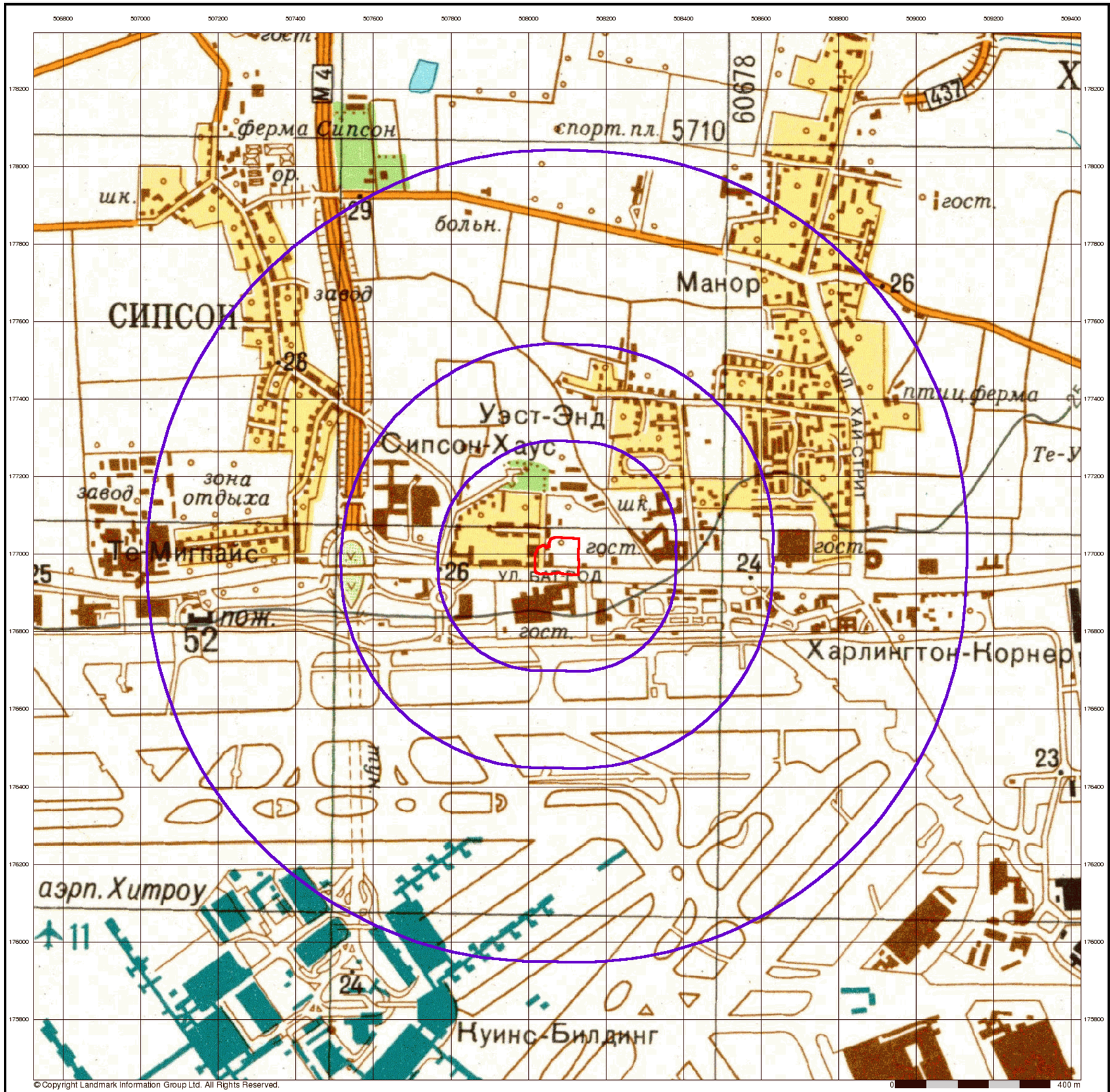
Order Details

Order Number:	119677965_1_1
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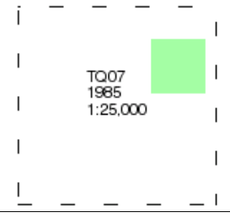
London

Published 1985

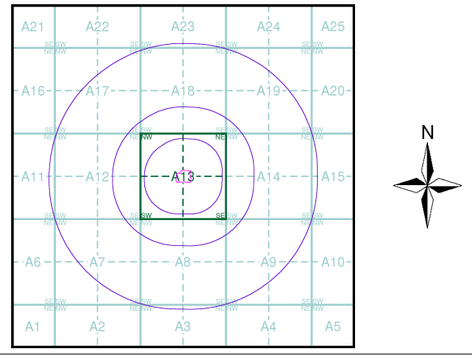
Source map scale - 1:25,000

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

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0 400 m

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Ordnance Survey Plan

Published 1989

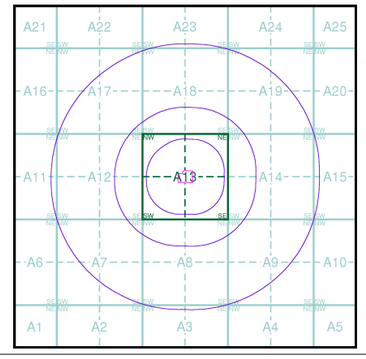
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ07NE
1989
1:10,000

Historical Map - Slice A



Order Details

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10k Raster Mapping

Published 1999

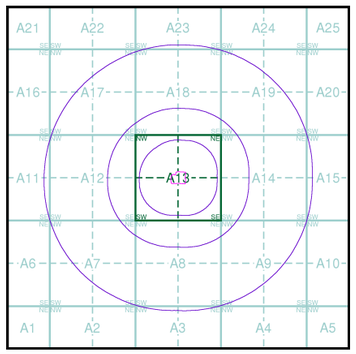
Source map scale - 1:10,000

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)

TQ07NE
1999
1:10,000

Historical Map - Slice A



Order Details

Order Number:	119677965_1_1
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National Grid Reference:	508080, 176990
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Site Details

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10k Raster Mapping

Published 2006

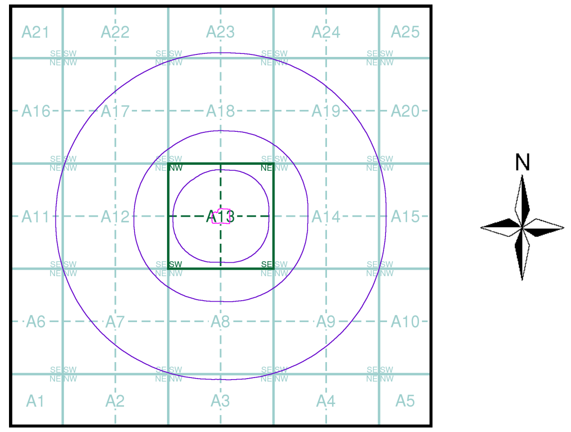
Source map scale - 1:10,000

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)

TQ07NE
2006
1:10,000

Historical Map - Slice A



Order Details

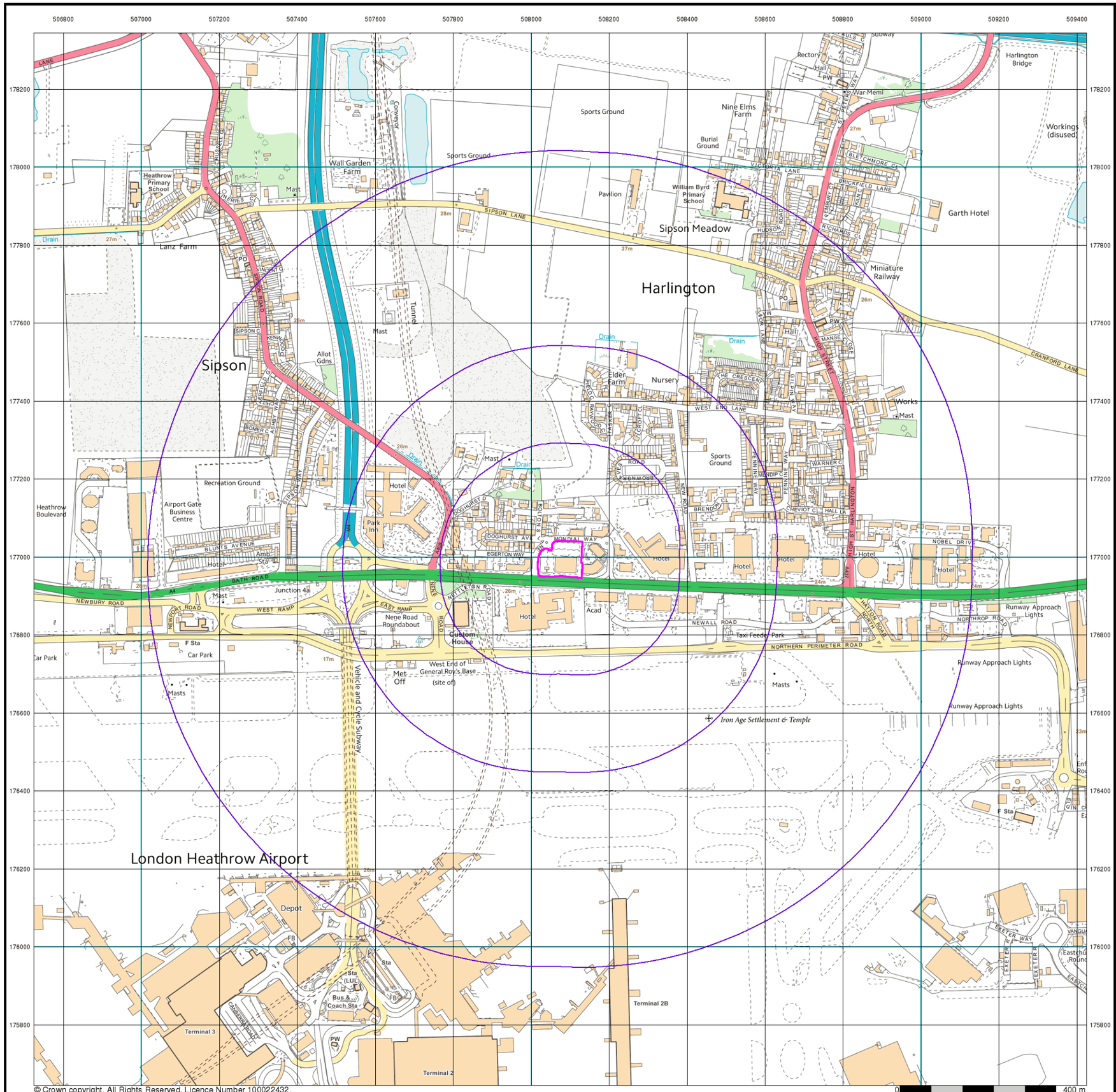
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VectorMap Local

Published 2017

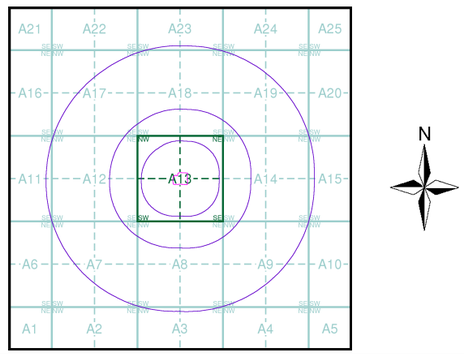
Source map scale - 1:10,000

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)

TQ07NE
2017
Variable

Historical Map - Slice A



Order Details

Order Number:	119677965_1_1
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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

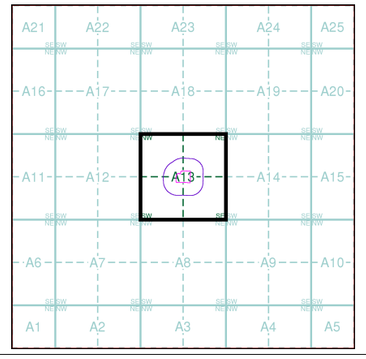
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A13



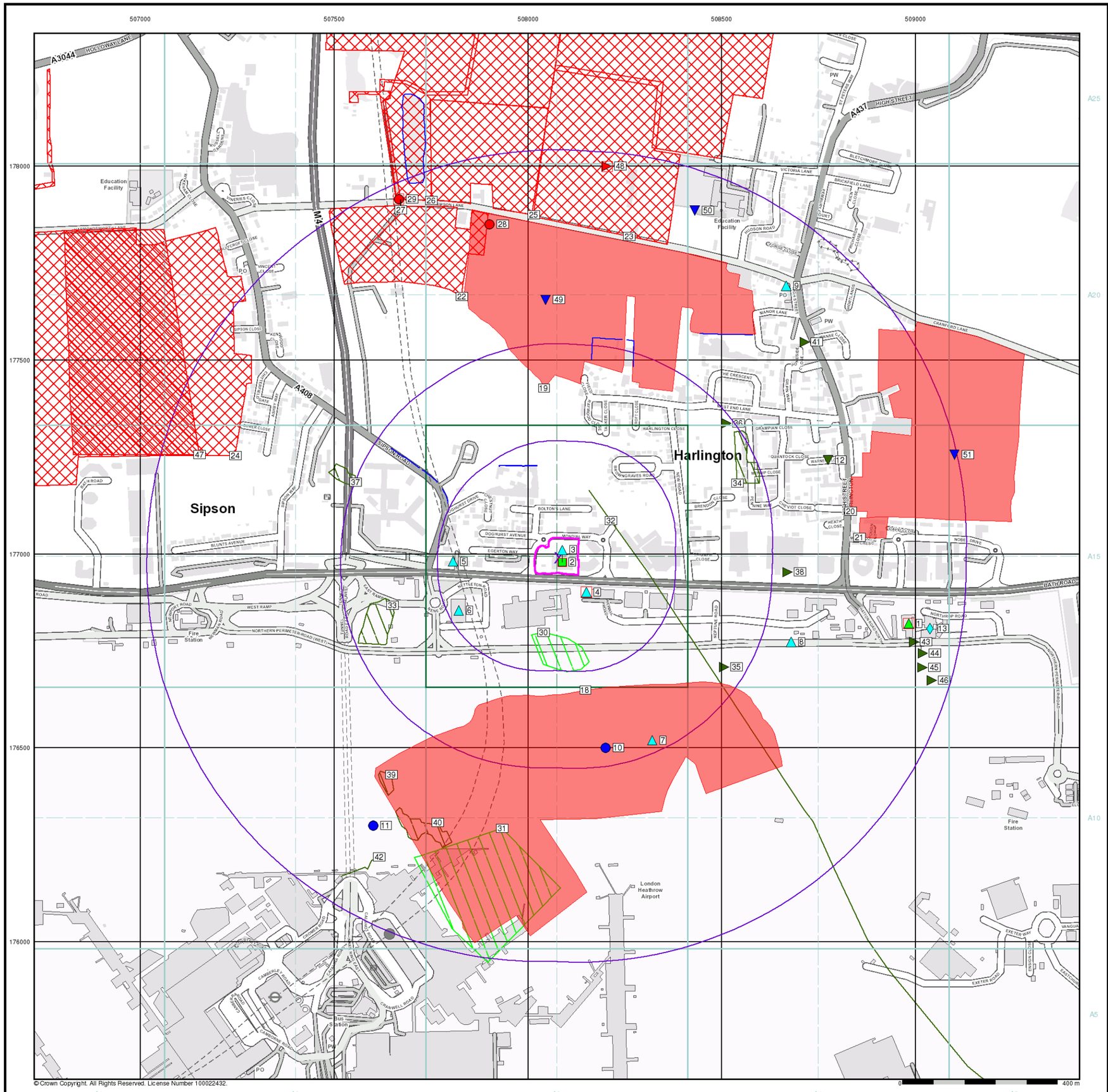
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Plot Buffer (m):	100

Site Details

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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

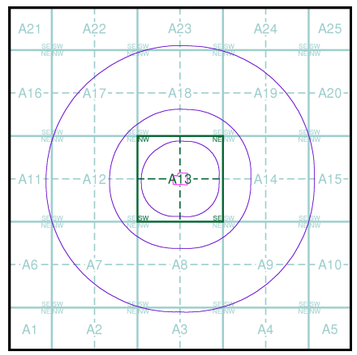
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



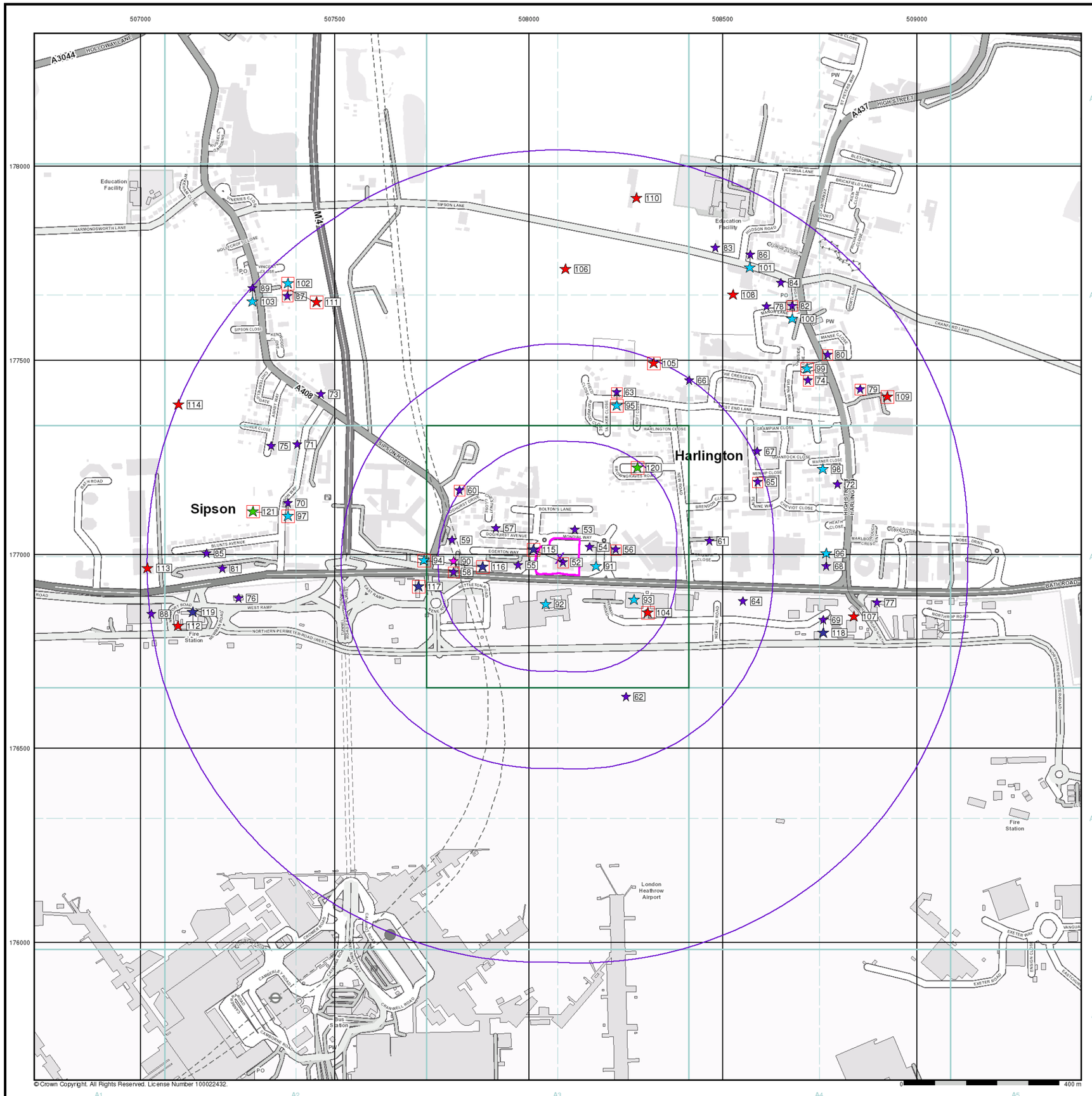
Order Details

Order Number:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

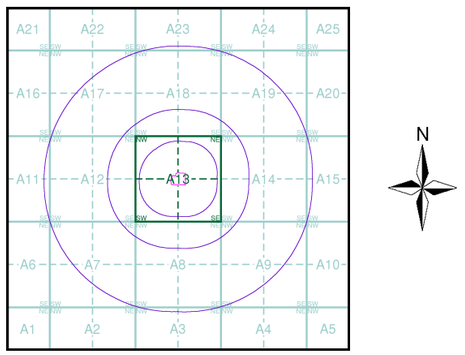
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



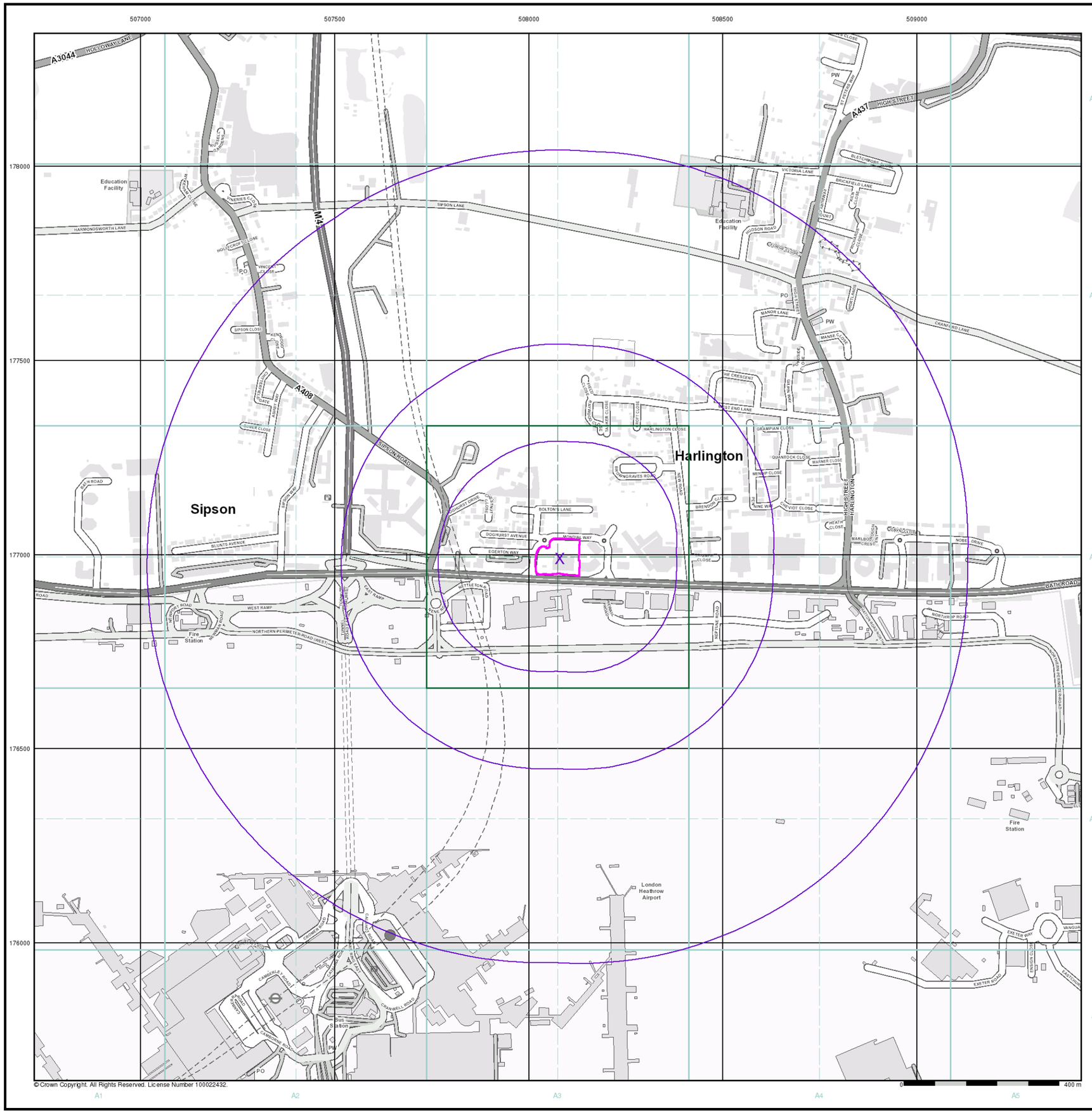
Order Details

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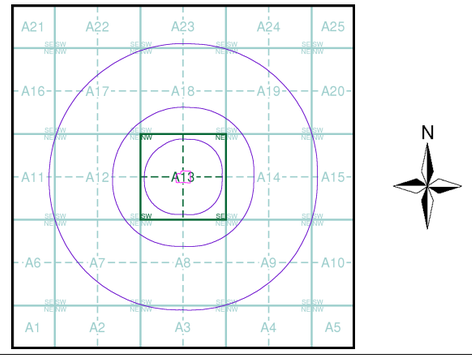
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



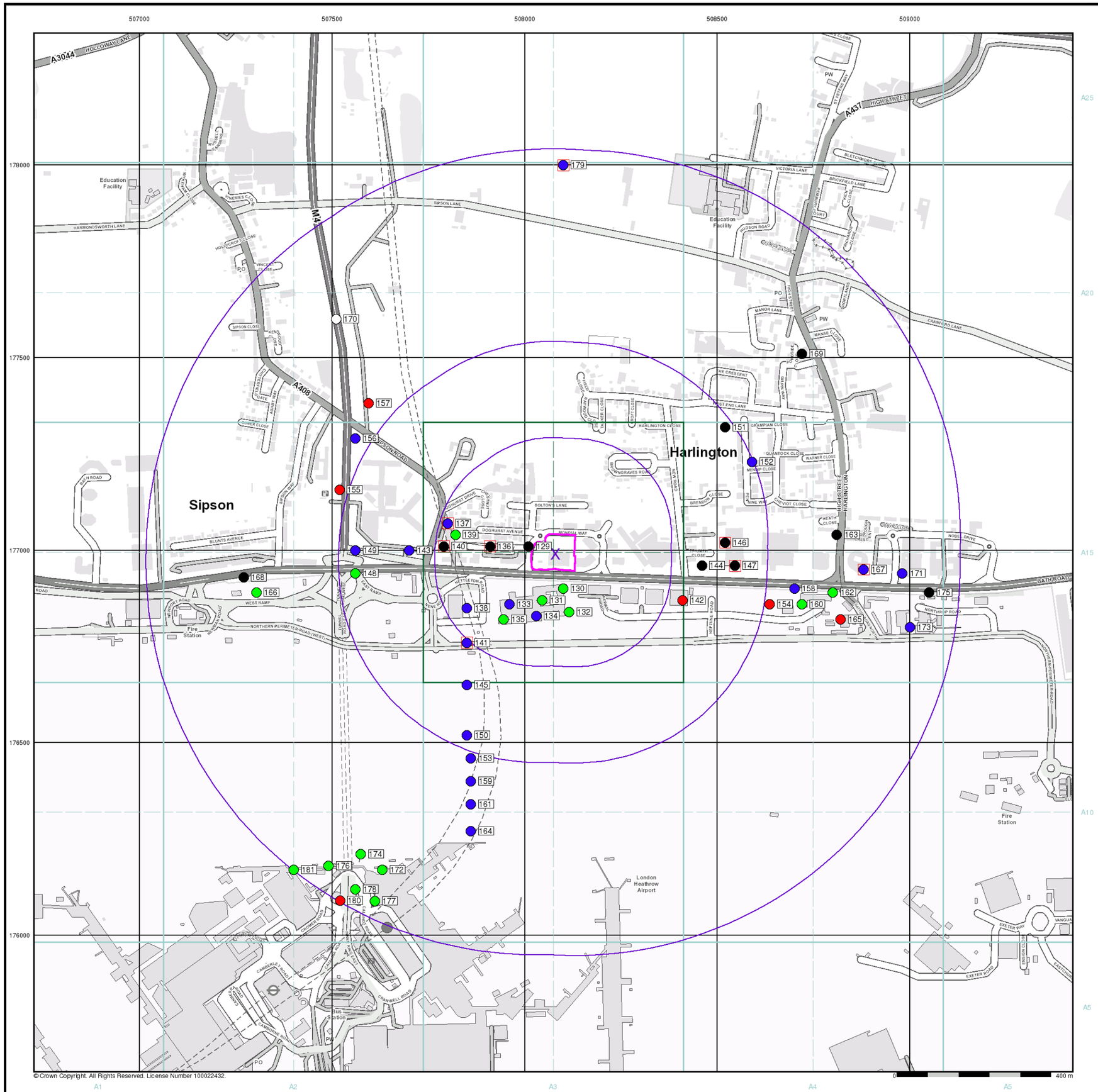
Order Details

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Customer Ref:	15433
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- Bearing Reference Point
- Map ID
- Several of Type at Location

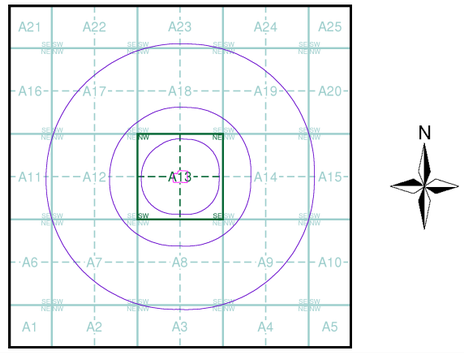
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

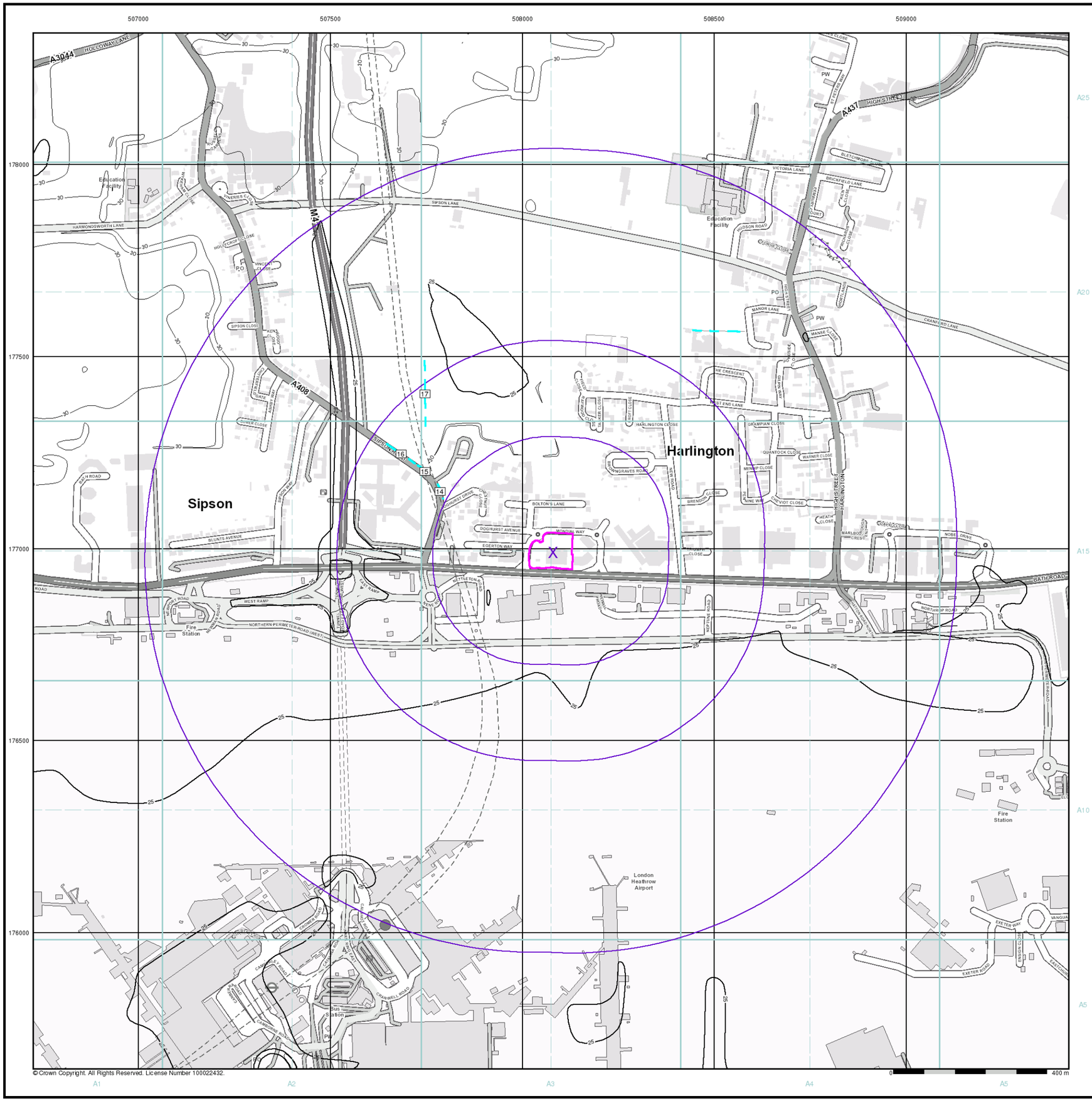


Order Details

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National Grid Reference:	508080, 176990
Slice:	A
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Search Buffer (m):	1000

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General

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- Bearing Reference Point
- Map ID

Detailed River Network Data

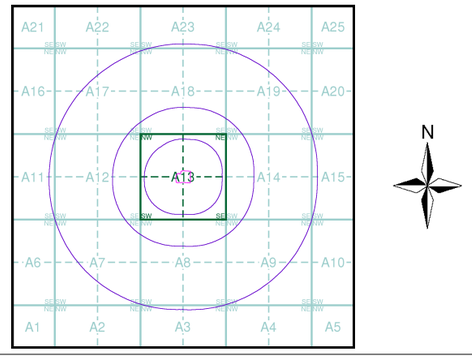
- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension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

Contours (height in metres)

Standard Contour 105 100 95
Master Contour
Spot Height *167.3

- MLW Mean Low Water
- MHW Mean High Water

EA/NRW Detailed River Network Map - Slice A



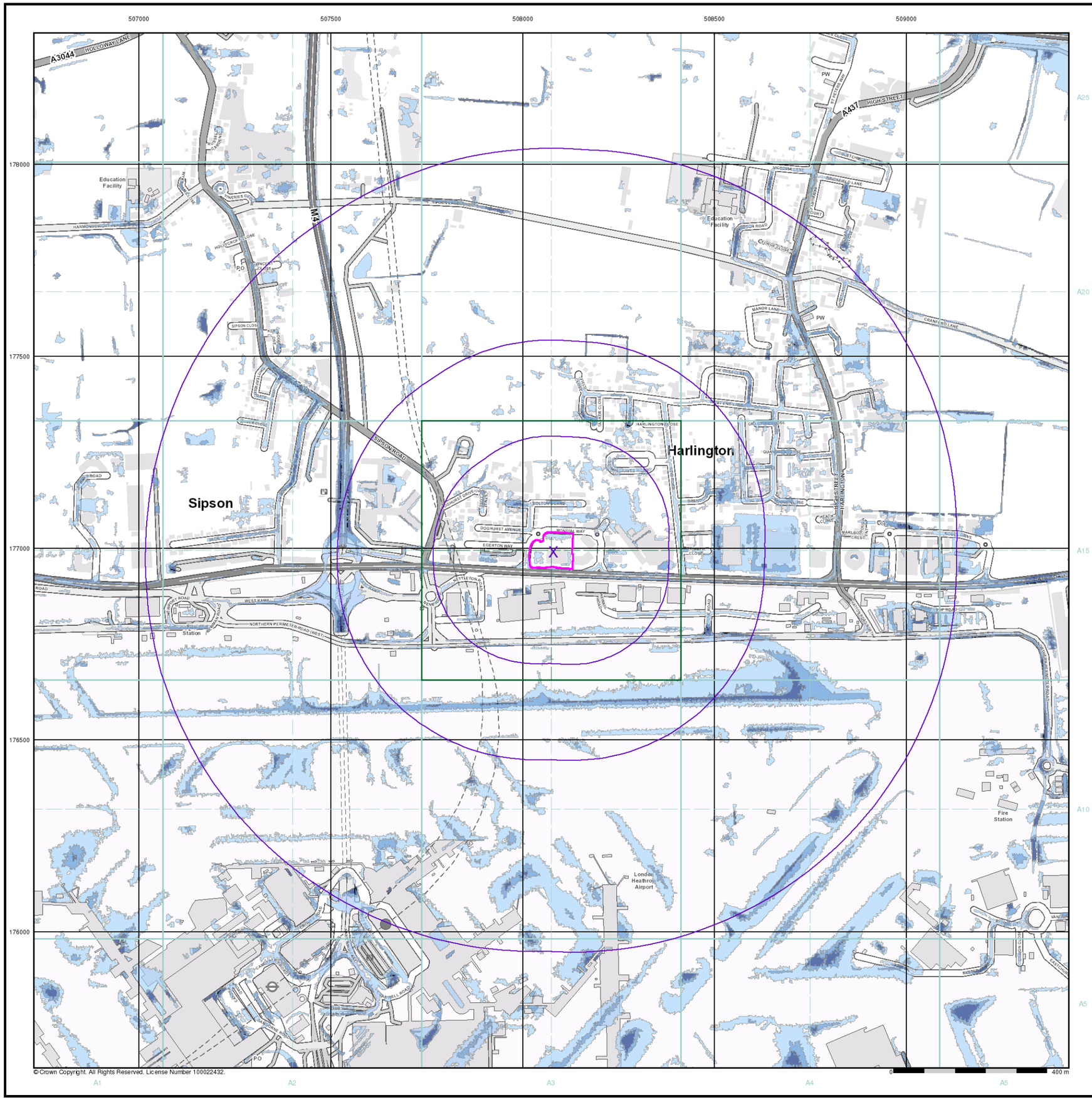
Order Details

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Customer Ref:	15433
National Grid Reference:	508080, 176990
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General

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

Risk of Flooding from Surface Water

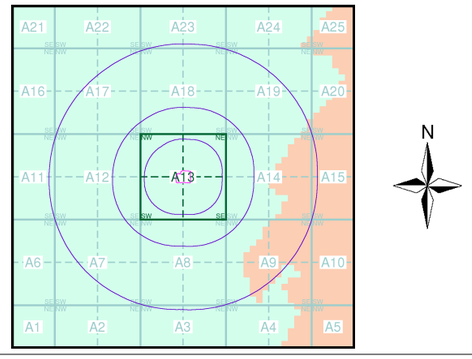
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



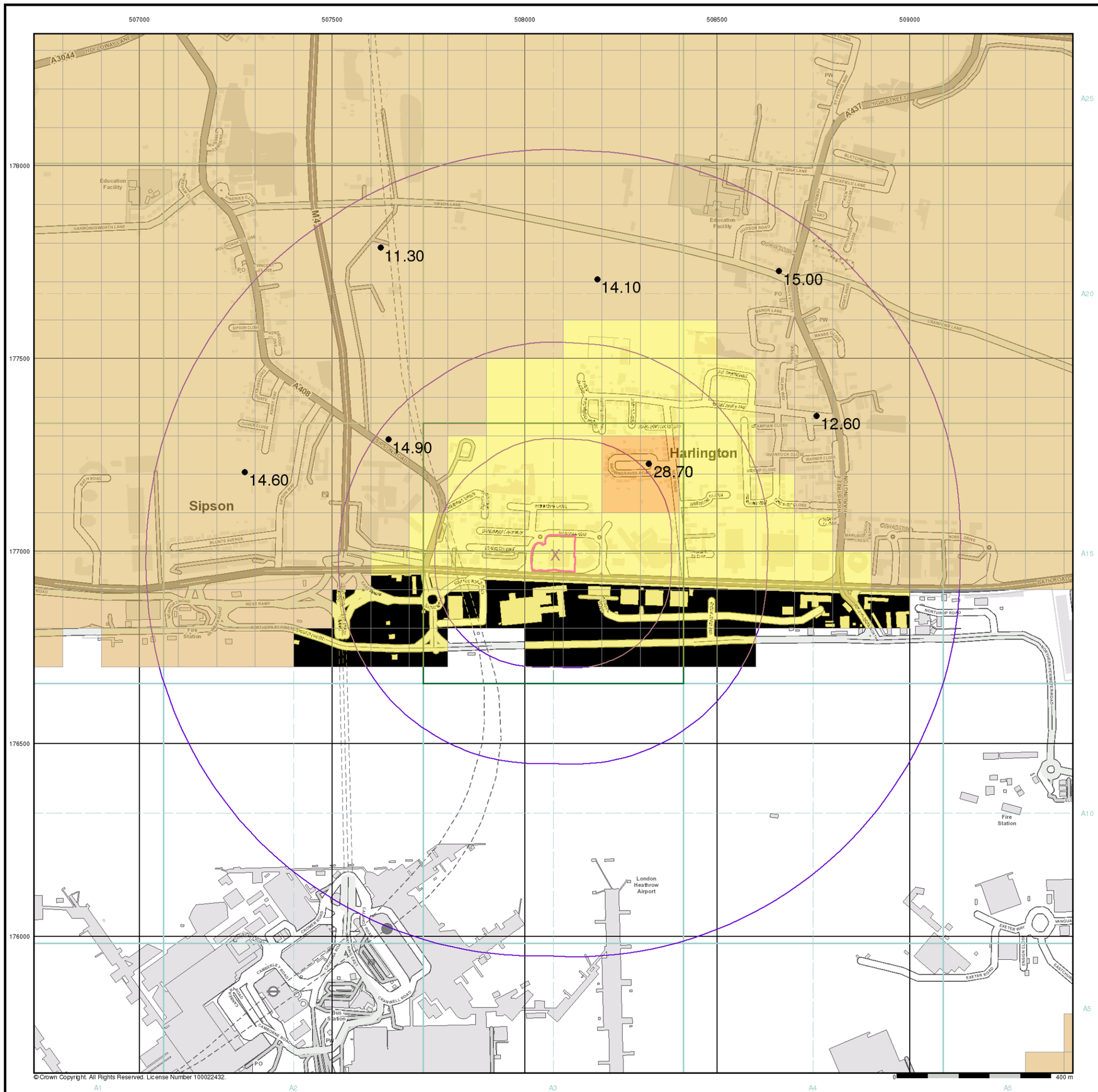
Order Details

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Specified Site | Specified Buffer(s) | X Bearing Reference Point

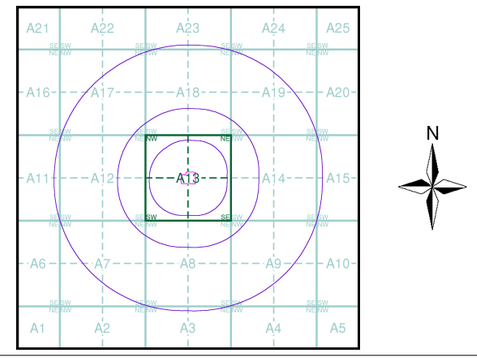
Urban Soil Chemistry Arsenic

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Urban Soil Chemistry Arsenic - Slice A



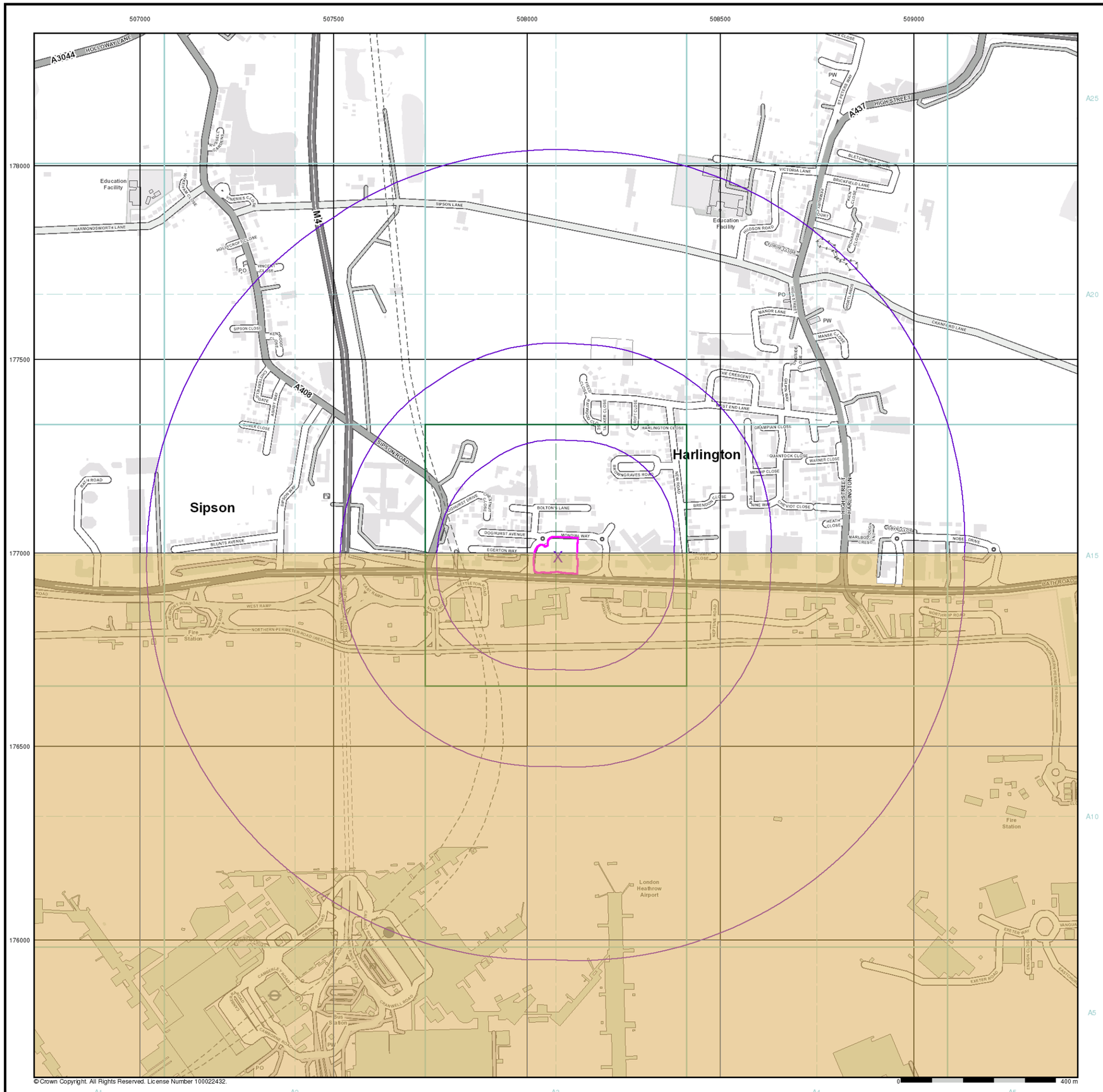
Order Details

Order Details:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search buffer (m):	1000

Site Details

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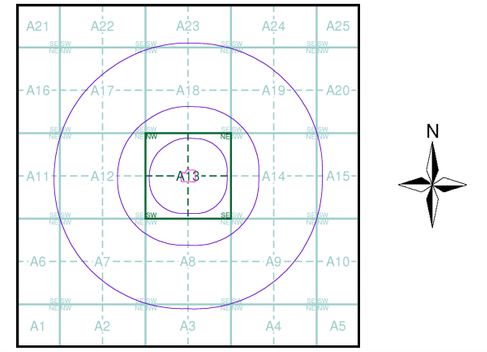
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



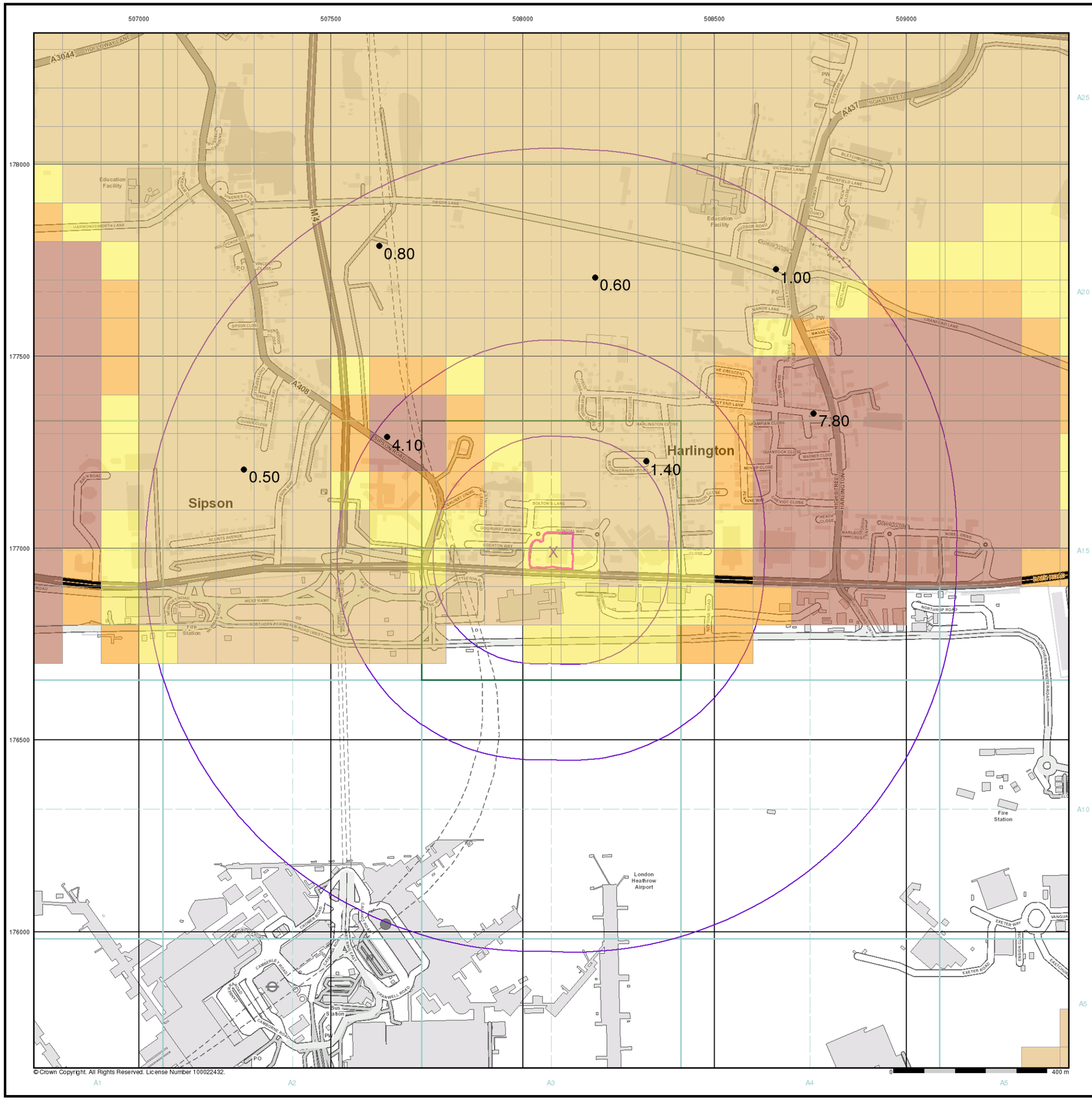
Order Details

Order Details:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search buffer (m):	1000

Site Details

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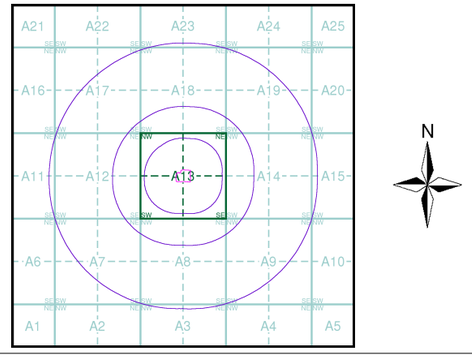
Urban Soil Chemistry Cadmium

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg

	< 1.8
	1.8 - 2.2
	2.2 - 3.0
	> 3.0

Urban Soil Chemistry Cadmium - Slice A



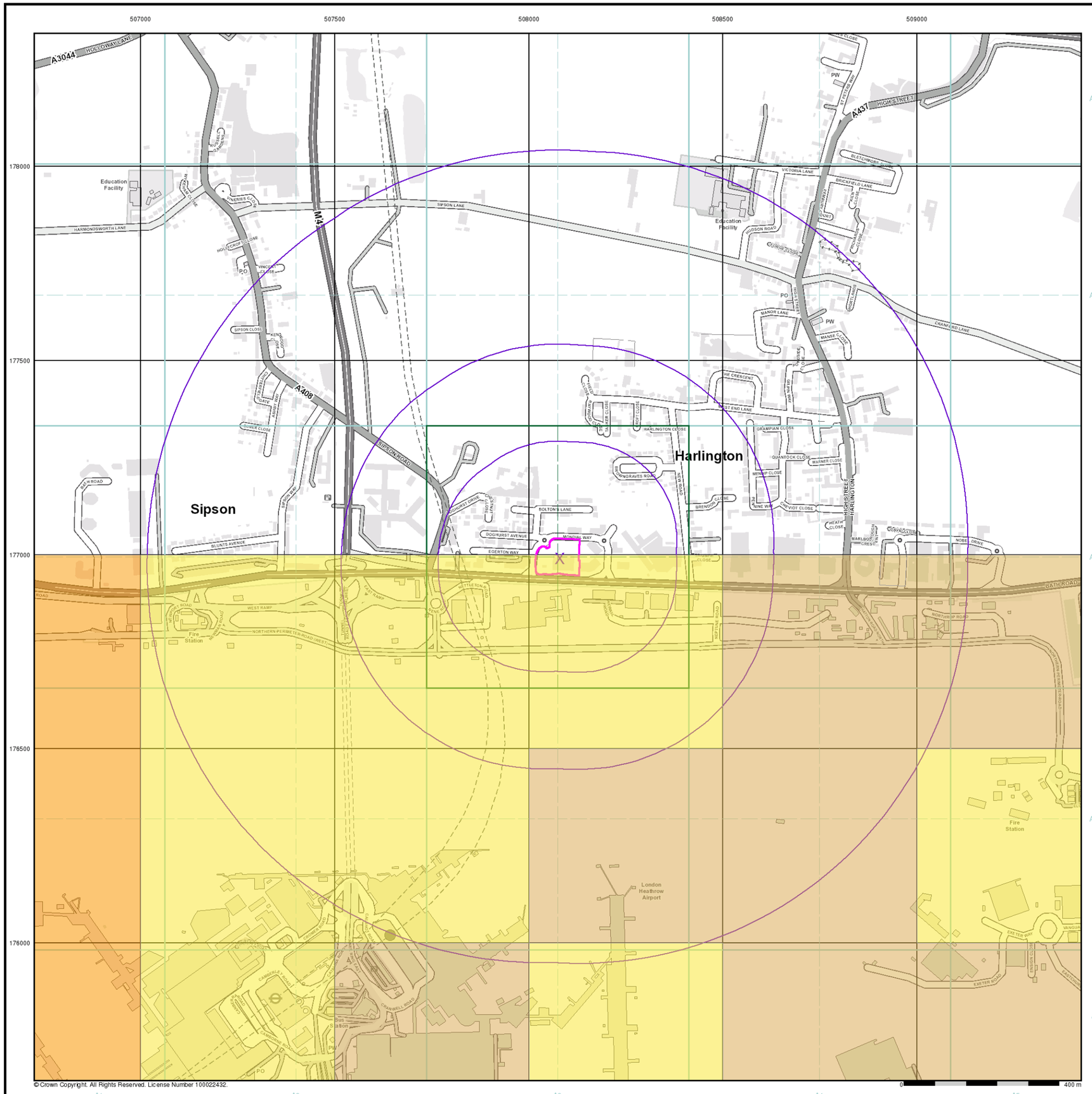
Order Details

Order Details:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
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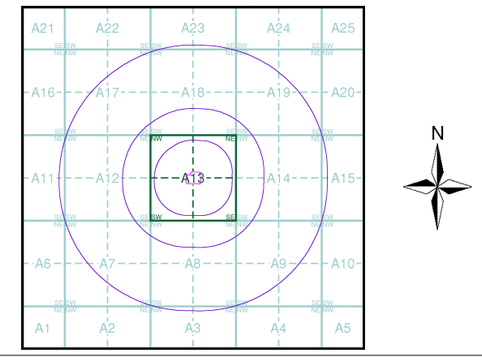
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



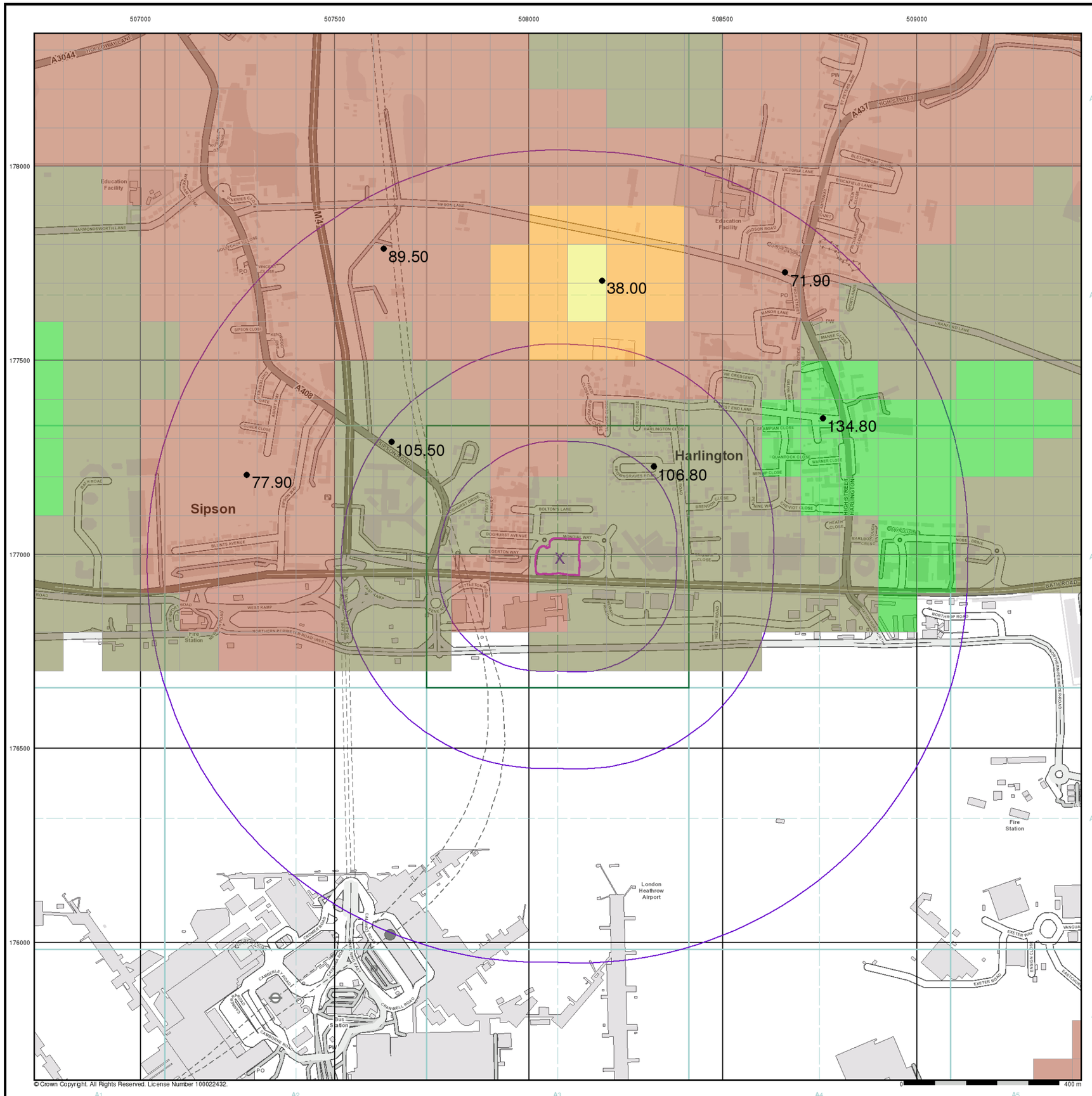
Order Details

Order Details:	119677965_1_1
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National Grid Reference:	508080, 176990
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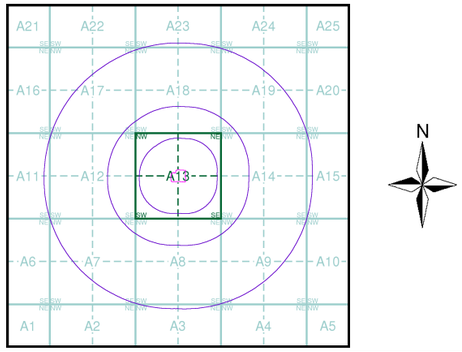
Urban Soil Chemistry Chromium

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Urban Soil Chemistry Chromium - Slice A



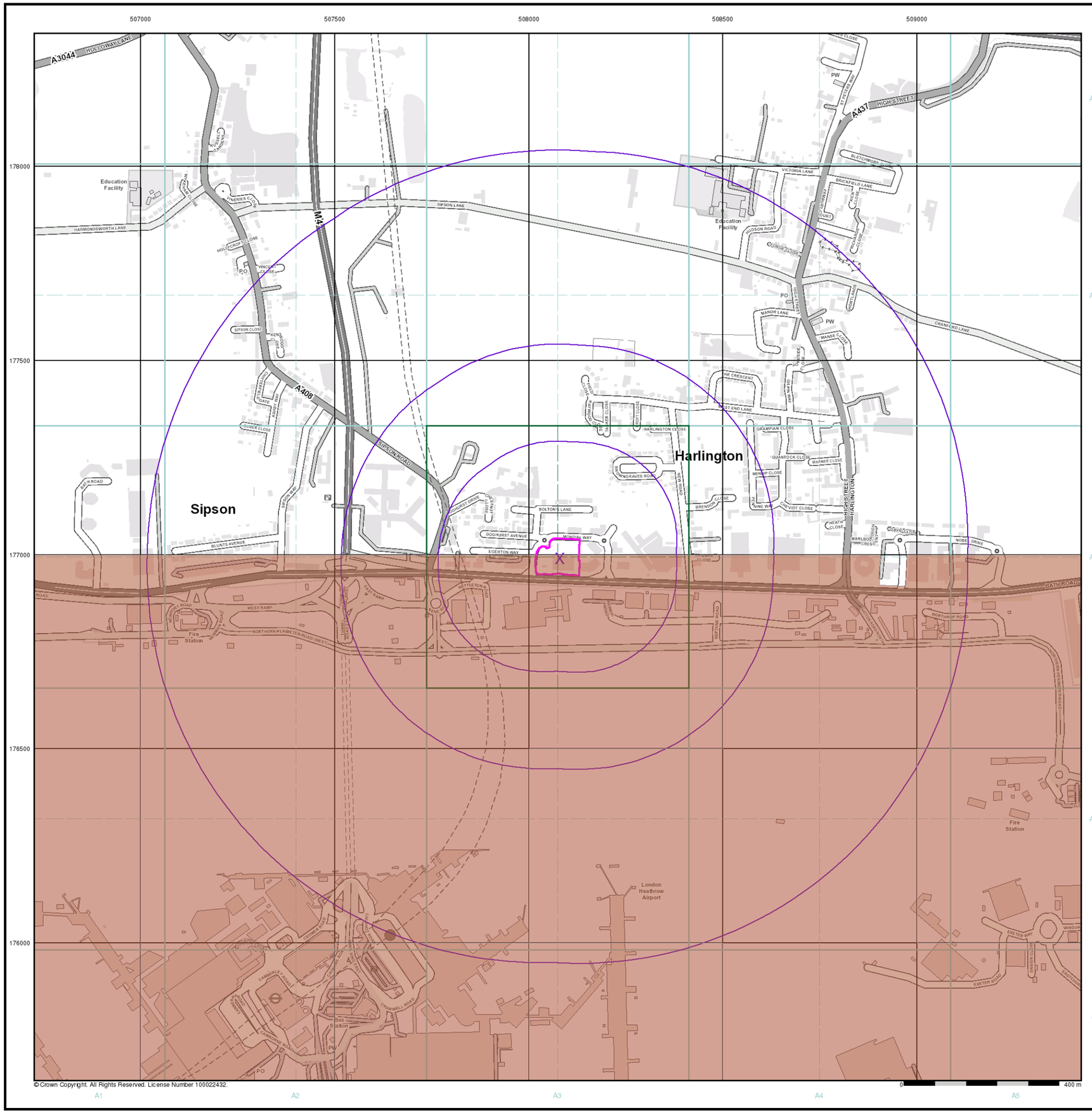
Order Details

Order Details:	119677965_1_1
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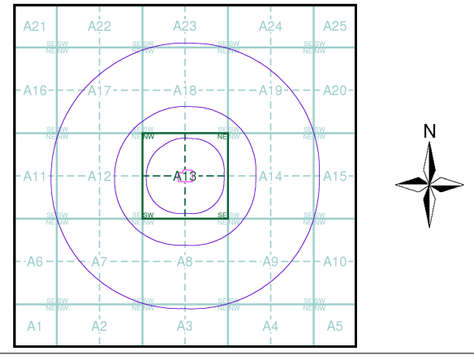
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details:	119677965_1_1
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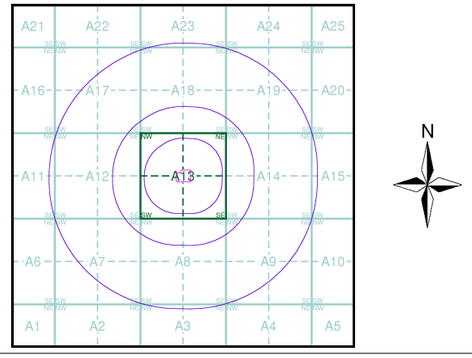
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

Urban Soil Chemistry Lead - Slice A



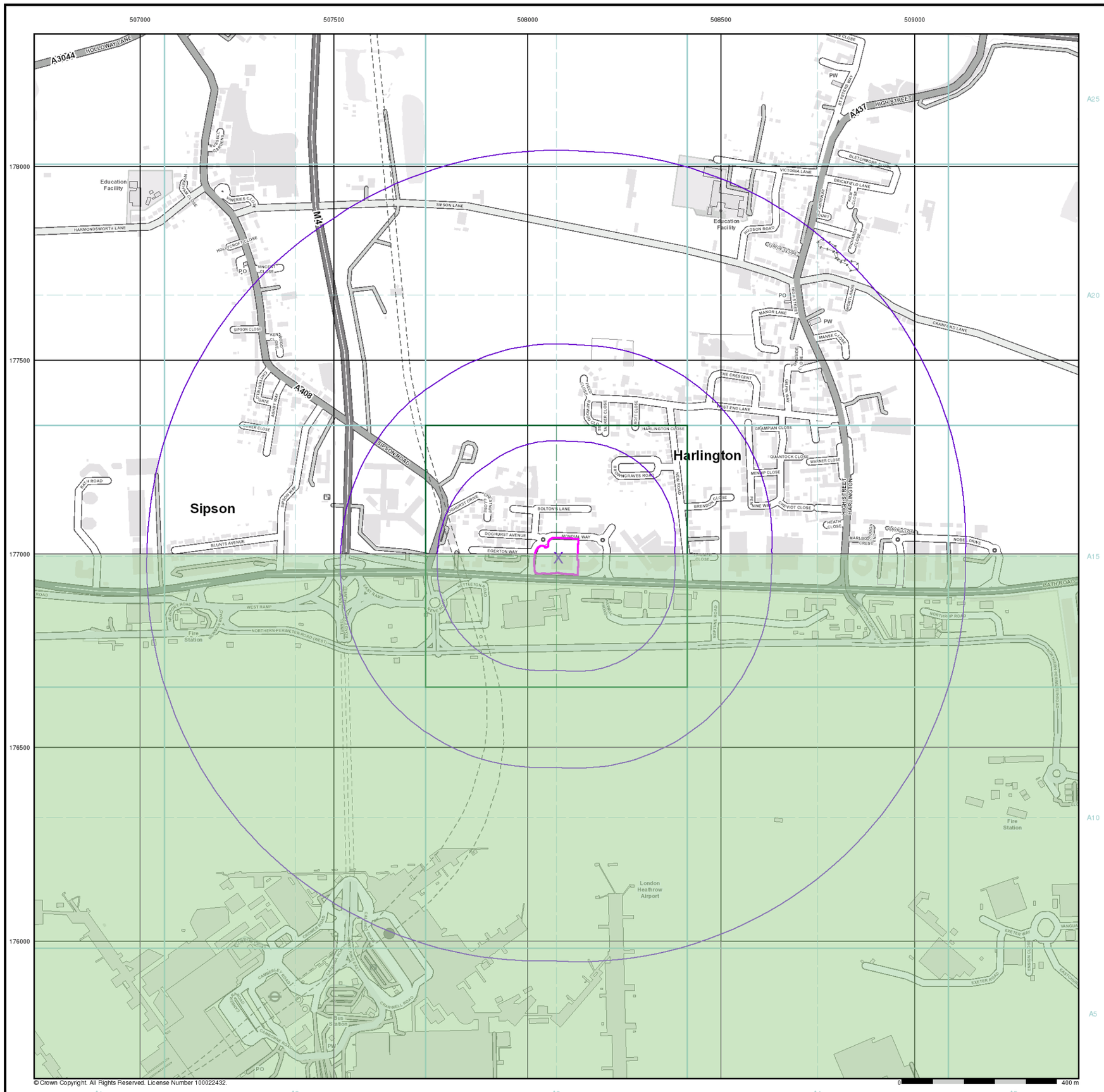
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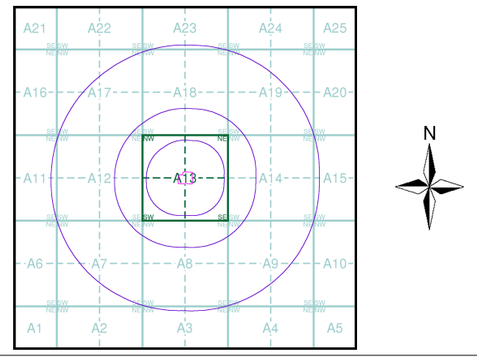
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



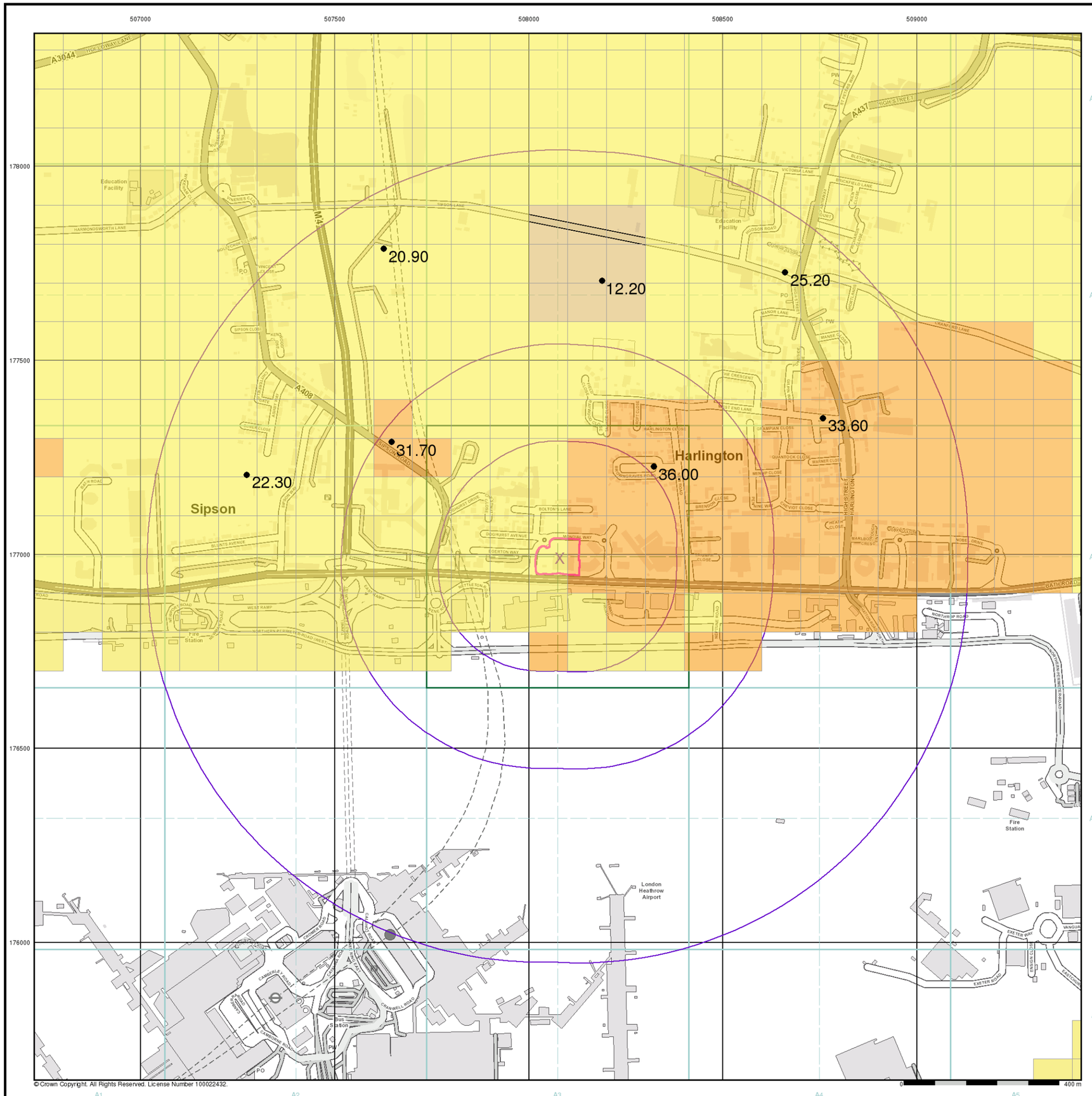
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General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

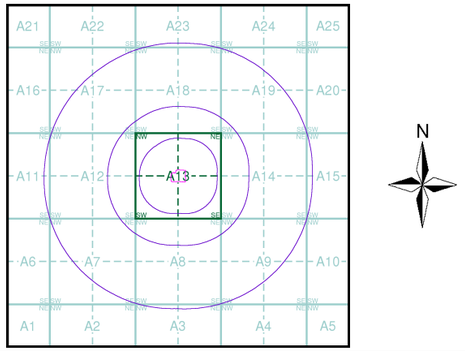
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Urban Soil Chemistry Nickel - Slice A



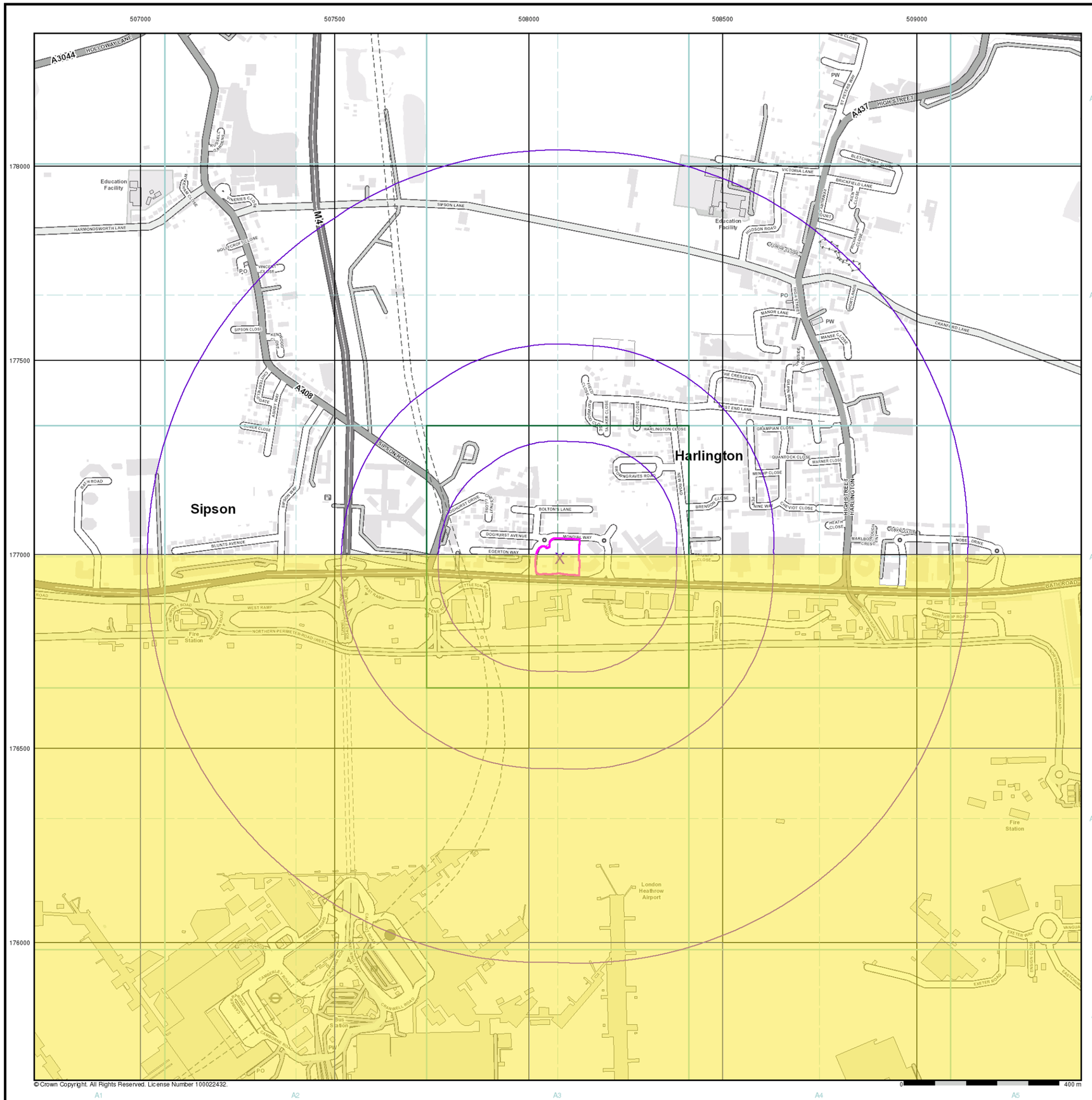
Order Details

Order Details:	119677965_1_1
Customer Ref:	15433
National Grid Reference:	508080, 176990
Slice:	A
Site Area (Ha):	0.95
Search buffer (m):	1000

Site Details

234 Bath Road, Harlington, HAYES, Middlesex, UB3 5AP

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General

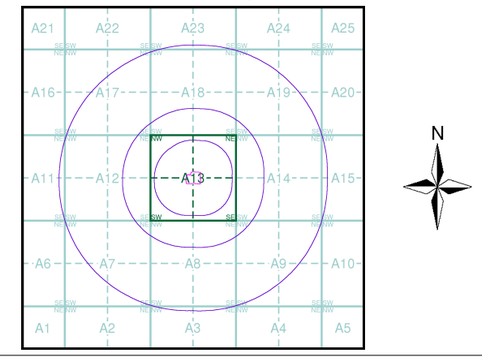
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



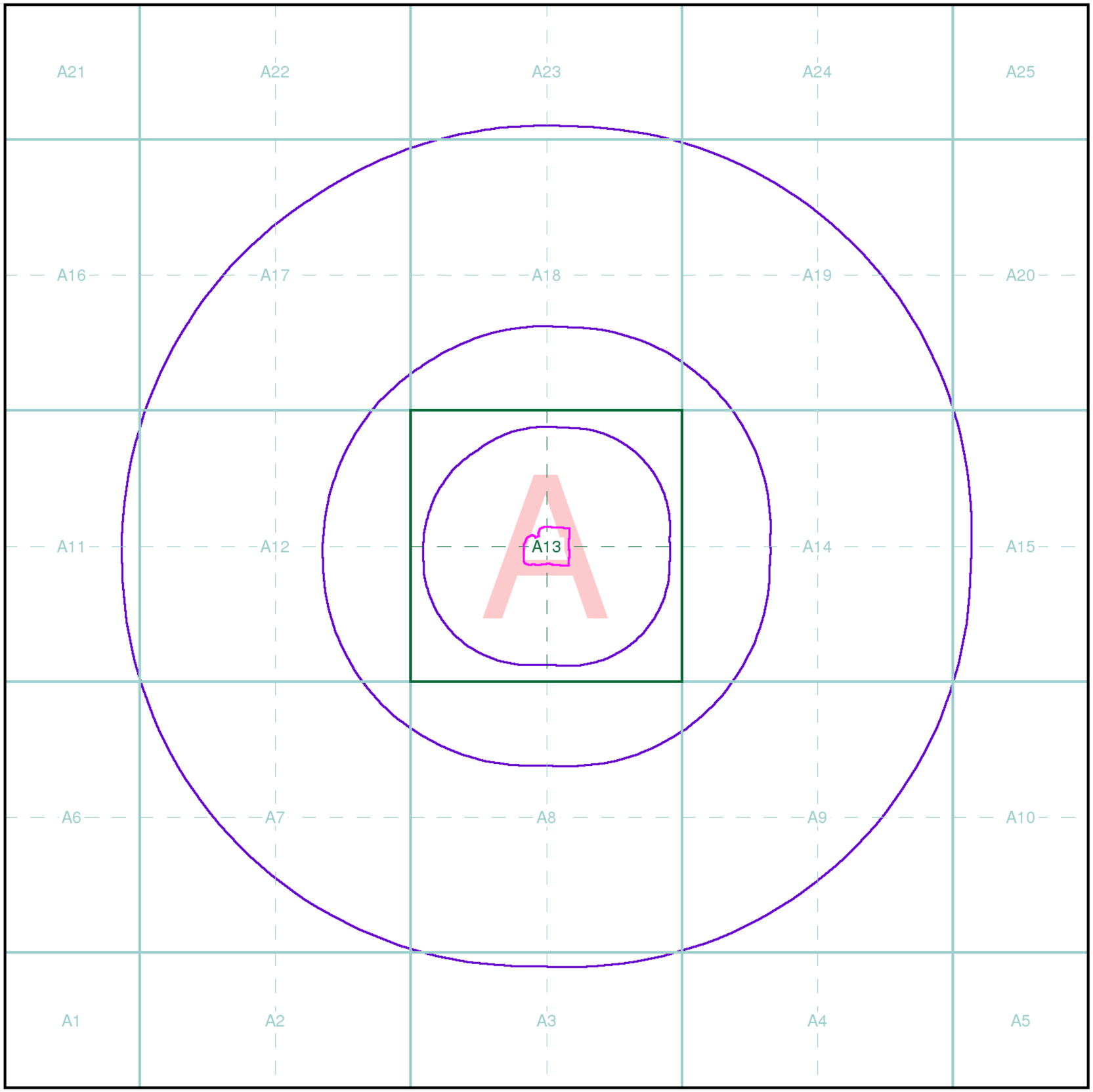
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Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Map data
British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Environment Agency
NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details
Mr N Lambert, Soils Ltd, Newton House, Cross Road, Tadworth, Surrey, KT20 5SR

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

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Appendix D Site Photographs



Photo 1:	Busy active car park onsite



Photo 2:	Onsite construction site



Photo 3:	Busy car park and electrical modern sub-station



Photo 4:	Multiple drainage inlets and manhole covers onsite

Appendix E Risk Assessment Criteria

The classification presented in Tables A1-A4 below are modified from, 'contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

Table A.1. Classification Of Consequence

Classification	Definition
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIA. Short term risk of pollution (note: Water Recourses Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)
Medium	Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water recourse (note: Water Recourses Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)
Mild	Pollution of non-sensitive water recourses. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular on Contaminated Land, DETR, 2000.)
High	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.)

Table A.2. Classification Of Probability

Classification	Definition
High likelihood	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptors of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable but possible in the short term and likely over the long term.
Low likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the short term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the long term.

Table A.3. Comparison Of Consequence Against Probability

Probability	Consequence			
	Severe	Medium	Mild	
High likelihood	Very high risk	High risk	Moderate risk	Moderate/low risk
Likely	High risk	Moderate risk	Moderate/low risk	Low risk
Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
Unlikely	Moderate risk	Low risk	Very low risk	Very low risk

Table A.4. Risk Classifications

Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.
High	Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.
Medium	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.
Low	It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.
Very low	It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild.
None	No potential risk if no pollution linkage has been established.

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