Charles Street

Phase 1 Desk Study and Preliminary Contaminated Land Risk Assessment



www.charlesstreetmanchester.co.uk

GeoAssist Limited
Civil, Environmental & Geotechnical

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Jadebricks (Charles Street) Ltd
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ConsultantConsultant:
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Phase I Desk Study and Preliminary Contaminated Land Risk Assessment

Charles Street, Manchester

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Oct 2023 Site Ref: 6134/VCM V1.00 PCLRA

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Phase I Desk Study and Preliminary Contaminated Land Risk Assessment

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Executive Summary	
Site Address	Charles Street, Manchester, M1 7BD
Grid Ref	384240, 397490
Site Area	400m^2
Current Use	Carpark to adjacent property. Ground likely to be infilled with a moderate risk classification for the potential of contaminated ground.
Historical Use	Terraced properties with commercial use fronting Charles Street and further small properties along York Street from Circa 1850s to 1970s where upon the site was cleared. Adjacent areas have generally been commercial or industrial with a moderate risk classification for the potential of contaminated ground.
Proposed Use	15 storey purpose built student accommodation scheme
Geology	Superficial deposits of made ground over glacial till underlain by sandstone bedrock
UXO	Low density of WWII high explosive bombing was undertaken of 6 strikes per 100 hectares. Official Air Raid Precaution (ARP) records do not identify any high explosive bomb strikes within the site. No bomb damage recorded on site.
Other Risks	Fuel storage (diesel) tank on adjacent former BBC site on Charles Street which was decommissioned and removed as part of the redevelopment of the site circa 2016.
Coal Mining	The property is not within a surface area that could be affected by any past recorded underground coal mining. with a low risk classification for the potential of contaminated ground or legacy issues.
Flood Risk	EA flood data map locates a part of the site within Flood Zone 3. These are areas with the highest probability of flooding from rivers and the sea.
Controlled Water	The nearest surface water feature is The River Medlock located 54m to the west of the site boundary.
Ground Gas	Infilled ground likely to be present on site with a low risk classification for the potential of ground gas.
Recommendations	The site has been potentially impacted by historical land uses. consequently, there is a requirement on this site for an Intrusive Ground Investigation to be undertaken. Both geotechnical and environmental parameters should be collected to maximise information obtained from the Ground Investigation process.

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Phase I Desk Study and Preliminary Contaminated Land Risk Assessment

1. Introduction

This report is an account of a Phase I Desk Study and Preliminary Contaminated Land Risk Assessment carried out by GeoAssist Limited at the request of the Client, Jadebricks (Charles Street) Ltd, for the proposed development of a 15 storey purpose built student accommodation scheme on land formerly used for parking cars at Charles Street. The work was commissioned following the receipt of instruction to proceed issued by (dp)2 Ltd. on behalf of the Client on the 27th September 2023.

The purpose of this Phase I investigation is to provide information in order to ensure that the site:

- Is assessed in accordance with the UK government methodology outlined online in Land Contamination Risk Management (LCRM)
- Satisfies the relevant requirements of the Updated National Planning Policy Framework September 2023
- Is suitable for the intended proposed land use. In this case, as a commercial marketing suite

The approximate grid reference for the centre of the site is 384240, 397490 and the total area of the site is approximately 400 m^2. The area of the site is outlined with a red line on the site plan in Appendix A1.

2. Description of the Site

2.1 Present

The site is located on intersection of Charles Street and York Street in the centre of Manchester. The site forms a rectangular shape and the topography of the site is relatively level with the surrounding ground and streets. There are no permanent structures on site and the site is presently horded from public view and is being used as a car park and site offices. The ground cover is made up of a metalled/tarmacadam surface with no obvious soft landscaping noted. The site boundary is formed by; a motor vehicle repair garage yard operating in the railway arches to the north, Bracken House to the east, Charles Street to the south over which lies a recent development and York Street to the west. At the time of the site walkover there was no obvious visual or olfactory observations of contaminants noted. Photographs from the site visit form appendix A2 to this report.

2.2 Proposed

It is understood that the development incorporates:

- The development of a new 15 storey purpose built student accommodation scheme. The plan for the site does not indicate any associated basement levels with the development. The proposed development plan for the Site forms appendix A3 to this report.

3. Historical Researches

3.1 Historical Mapping & Photographs

Examination of the historical maps of the area confirms that the site has previously been developed with terraced property. The properties were demolished by 1970.

A series of historical maps and ordnance plans have been reviewed as part of this search. The following table highlights plans and maps that are of particular significance for the purpose of this report. Where possible, reference to the large scale (1:500, 1:1056, 1:1250 & 1:2,500) plans and maps has been made in preference to those at smaller scales (1:10,560 & 1:10,000) as the details on the smaller scale plans and maps are often lacking because of the lower resolution at which they were originally drafted. 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.

Published	Source Scale	Potentially contaminative Feature within 100m of site boundary	Remarks	Direction from site	Distance from site(m)	Feature still present on 2023 edition?
1848	1:10,560		Illegible			
1851	1:1,056		Terraced property on southern border	On site	0	No
		Cotton Mills	With Chimneys and Boiler Houses	E, N & W	>20	No
		Timber Yards		N, E & S	>150	No
		Rope Walk		W	145	No
		Dye Works		N	85	No
		Coal Wharfs		NW 7 SE	200	No
		Reservoir	Infilled by 1908	SE	200	No
		Gasometer		W	220	No
		Railway Land	Still Present	N	10	Yes
1891	1:500		Further terraced property	On site	0	No
		Oil Works				
		Saw Mills		NW	75	No
1894 – 1896	1:10,560		No Significant Change			
1908	1:2,500	Saw Mill		N	40	No
		Packing Case Works		N	15	No
		Soap Works		E	185	No
		Rubber Works		E	185	No
1909	1:10,560		No Significant Change			
1923	1:10,560		No Significant Change			
1931 – 1933	1:10,560		No Significant Change			

Published	Source Scale	Potentially contaminative Feature within 100m of site boundary	Remarks	Direction from site	Distance from site(m)	Feature still present on 2023 edition?
1932	1:2,500		No Significant Change			
1938	1:10,560		Adjoining properties no longer shown			
1948	1:1,250	Printing Works		S	15	No
		Gas Works		S	>55	No
		Engineering Works		W	15	No
		Garage		SE	50	No
		Warehouses		All directions	>55	No
1950	1:2,500		No Significant Change			
1955 – 1956	1:2,500		No Significant Change			
1956	1:10,000		No Significant Change			
1965	1:2,500	Works		All directions	>15	No
1970	1:2,500		Site Vacant	On site	0	Yes
1972	1:10,000		No Significant Change			
1978- 1985	1:1,250		No Significant Change			
1980 -1981	1:10,000		No Significant Change			
1985 – 1987	1:10,000		No Significant Change			
1985 – 1990	1:1,250		No Significant Change			
1989	1:10,000		No Significant Change			
1992	1:1,250		No Significant Change			
1993 – 1994	1:10,000		No Significant Change			
1994 – 1995	1:1,250		No Significant Change			
1999	1:10,000		No Significant Change			
2021	1:10,000		No Significant Change			

A comprehensive list of the historical maps as referred to is attached in Appendix B1 to this report.

3.2 Anecdotal Historical Information

Anecdotal historical information has not been provided as part of this investigation.

3.3 Previous on site Intrusive Investigation

No previous intrusive ground investigations are known to have been undertaken on the site. The issues to be covered in the present investigation are to provide information in respect of any potentially unacceptable geo-environmental risks arising from previous land uses in the immediate area, including from ground gas, and the potential for sources of contamination to impact both present and future receptors, including:

- Human
- Controlled waters via established pathways
- Property

- Adjoining land and ecological systems

It is understood that much of the adjacent area to the south of Charles Street and the western side of York Street has been subject to extensive redevelopment in the recent past (10years) and hence approved Ground Investigations with remediation schemes have been implemented to the satisfaction of the relevant regulators prior to developments occurring. Findings of particular significance arising from these recent ground investigations are:

- The location and removal of a 4500 litre Fuel Storage Tank (diesel) directly adjacent to Bracken House on the south side of Charles Street – Now removed and area redeveloped.
- No particular impacts from leakage were noted in the surround ground.

3.4 Environmental Data Search

An Environmental data search report referenced 319430848_1_1, has been used for background data on this site and is included as appendix C1.

3.4.1 Historical Land uses

The Environmental data search report referenced 319430848_1_1, summarises that past and present use of the site may have a limited potential to lead to ground contamination. The report summarises that adjacent areas up to 100m indicate that there may have been potentially contaminative land uses, capable of impacting the site. Data from the historical plans indicate that it is possible that the site and the immediate surrounds (250m) could have been impacted by historic contamination.

3.4.2 Statutory Authorisations, Incidents and Registers

The Environmental data search report referenced 319430848_1_1, confirms that within 100m of the site boundary there is/are:

- Six active Discharge Consents, the closest of which is located 56m west of the site for Public Sewage: Storm Sewerage Overflow
- No effective Integrated Pollution Prevention and Controls.
- No Authorised Local Authority Pollution Prevention & Controls.
- No active water abstraction licence within 250m.
- Four recorded pollution incidents to controlled waters, all were categorised as Category 3 – Minor Incidents, the closest of which was located 25m west of the site, from Diesel Spillage dated August 1996

Given the age of, and distance from the site of the recorded incidents and controls, it is considered unlikely that the present and any proposed development will have been or will be significantly impacted by any of the listed statutory authorisations, incidents and registers.

3.4.3 Landfill & Other Waste Sites

The Environmental data search report referenced 319430848_1_1, indicates that Manchester City Council had landfill data but passed it to relevant environment agency. The Environment Agency England and Wales have supplied the following landfill and waste site data.

Table 3.4 A summary of the landfill/waste transfer data as provided by the Environment Agency England & Wales and the environmental data search report referenced 319430848_1_1

Site name	Material deposited	Operational period	Approximate distance from site (m)	Direction from site
None Identified				

The potential for ground gas generation from registered landfill sources and subsequent ingress into the proposed development is classified as low based on the above information.

3.4.4 In-Filled Land

Data from the County Series Surveys and the Ordnance Survey plans of the area confirms that there are likely to be small areas of infilled land on the site and within 100m of the site boundary not previously identified as landfill, from the infilling of historic cellars. The potential for ground gas generation from infilled land and subsequent ingress into the proposed development is classified as low.

3.4.5 Other Risks

It is known that the former BBC site immediately to the south of the site had a fuel storage (diesel) Tank on the Charles Street elevation which was decommissioned and removed as part of the redevelopment of the site circa 2016.

A planning application ref 27193 dated July 1986 makes reference to the use of a former filling station forecourt as a car park, the location of which is recorded as Bracken House Charles Street. GeoAssist can find no other evidence to substantiate this former use of the site. Nonetheless, an application for records from the Greater Manchester Fire & Rescue Service (the petroleum spirit licensing authority since 1986) has been made, the outcome of which has not identified any evidence that petroleum spirit was stored at the site. The Greater Manchester Fire & Rescue Service communication is reproduced in appendix C5 to this report.

3.5 Bomb Damage and Potential for Unexploded Ordnance

GeoAssist have inspected plans from the Building Inspectors District of Manchester Record of Location of Aerial Bombs on the City of Manchester from 1939 to 1945. These are the most accurate records available and indicate that no high explosives bomb strikes are recorded on the site and no incendiary bomb (IB) strikes are recorded on the site. Within the Manchester County Borough a very low density of high explosive bombing was undertaken of 6 strikes per 100 hectares. Official Air Raid Precaution (ARP) records do not identify any high explosive bomb strikes within the site. 2 are recorded within 125m of the site boundary, the closest being 45m to the south of the site. Incendiary bomb strikes were recorded 200m to the southwest of the site. Official bomb damage mapping

recorded damage to structures 112m to the north and 45m to the south of the site. No bomb damage is recorded for the site and given the level of building and infrastructure coverage (100%) at the time it is considered highly unlikely that any unexploded ordnance fell on site unnoticed. In addition, the risks are further reduced by the wholesale clearance of the site and surrounding areas in the late 1960s and establishment of newbuilds some of which have since been demolished. For the above reasons the probability of a UXO encounter has been reduced to Low to Very Low in accordance with the methodology set out in Ciria C681.

4. Geologly & Hydrogeology

4.1 Site Geology

The 1 in 10,000 scale geological map of the area SJ 89 NW published in 1976 shows the site to be located on a drift boundary of Boulder Clay (Glacial Till) and Fluvio-Glacial deposits. Nearby boreholes indicate the depth of drift deposits to be between 5 to 10m depth. The underlying solid geology is shown as being Bunter Sandstone of the Triassic Period. No faults are shown as passing directly beneath the site. However, the East Manchester fault is shown as passing the site in a NNW to SSE direction approximately 250m to the east of the site. Likewise, the west Manchester Fault is shown as passing the site in a NNW SSE direction approximately 250m to the west of the site. The downthrow for both faults is shown to the east. The West Manchester Fault is marked by a thickness of Marl cropping to the west of the fault line.

The digital 1 in 10,000 scale geological map extract of the area shows that the site is underlain by Artificial deposits of Made Ground underlain by drift deposits of Devensian Till. The Underlying solid geology is shown as being Sandstone of the Chester Pebble Beds. The fault configuration is the same as the SJ89 NW 1976 edition.

4.2 Radon Affected Area

The Environmental data search report referenced 319430848_1_1, indicates that the site is in a lower probability radon area. No radon protective measures are necessary in the construction of new dwellings or extensions.

4.3 Hydrogeology and Groundwater Vulnerability

The Bedrock Aquifer Designation as determined by the British Geological Survey is: Principal Aquifer - 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. The Superficial Aquifer Designation as determined by the British Geological Survey is: Secondary A - permeable layers capable of supporting water supplies at a local rather than strategic scale,and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

4.4 Surface Water

The Environmental data search report referenced 319430848_1_1, and plans of the site indicate that the nearest surface water feature is The River Medlock located 54m to the west of the site boundary. There is no evidence that

the site in its present state, or any proposed development, will significantly impact surface water receptors and consequently the risk to surface waters is classified as low.

4.5 Subsurface Water

There is no evidence that the site in its present state or the proposed development will impact subsurface water receptors and consequently the risk to subsurface waters is classified as low.

4.6 Water Abstractions

The Environmental data search report referenced 319430848_1_1, indicates that there are no active water abstraction licences within 250m of the site boundary.

The site does not lie within a source protection zone. The Environment Agency England and Wales has defined Source Protection Zones (SPZs) for 2000 groundwater sources such as wells, boreholes and springs used for public drinking water supply. These zones show the risk of contamination from any activities that might cause pollution in the area. The closer the activity, the greater the risk.

The maps show three main zones (inner Zone I, outer Zone II and total catchment Zone III).

4.7 Flood Risk

The Environmental data search report referenced 319430848_1_1, shows that the EA flood data map locates a part of the site within Flood Zone 3. These are areas with the highest probability of flooding from rivers and the sea, where the chance of flooding in any one year is greater than 1% (i.e. a 100 to 1 chance). Consequently, a detailed quantitative flood risk assessment is likely to be required for the site.

5. Mineworkings & Mineral Sites

Information provided by the Coal Authority as part of the Environmental data search report referenced 319430848_1_1 indicates that the property is in an area that may be affected by coal mining.

The Coal Authority Mining Report referenced 51003381900001 confirms that:

- The property is not within a surface area that could be affected by any past recorded underground coal mining.
- The property is not within a surface area that could be affected by present underground mining.
- The property is not in an area where the Coal Authority has received an application for and is currently considering whether to grant a licence to remove or work coal by underground methods.
- The property is not in an area likely to be affected from any planned future underground coal mining.
- However, reserves of coal exist in the local area which could be worked at some time in the future.
- No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.
- There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.
- The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.
- There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.
- The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31 October 1994.
- There is no current Stop Notice delaying the start of remedial works or repairs to the property.
- The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.
- The Coal Authority has no record of a mine gas emission requiring action.
- The property is not in an area where a notice to withdraw support has been given.
- The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

The professional opinion of the Coal Authority report summarises that:

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

The site is not situated within a Coal Authority High Risk area.

Consequently, the risk to the development on this site in respect of past, present or future coal workings or mineral extraction is classified as low.

6. Designated Environmentally Sensitive Sites

The environmental data search report referenced 163440870_1_1, indicates the site is not situated within, or within 250m, of an environmentally sensitive site.

7. Contemporary Directory Trade Entries

The environmental data search report referenced 319430848_1_1, indicates that there are numerous, mainly inactive, trade directory entries within 250m of the site boundary. A garage which is still active, is located 6m northwest of the site. Given the nature of past and present land use, the likelihood that the proposed development will have been significantly impacted by surrounding contemporary industrial land uses is low.

8. Conceptual Model

The table below is the conceptual model for the site based on the information available at this time.

Table 8.1 Preliminary Conceptual model.

Potential Source /Hazard	Nature of Hazard (Risk Level to site given a Commercial end use	Contaminants Associated with Source	Potential Pathway	Potential Receptor
	Previous & Present ON SITE Land uses:			
1. Terraced Property	Ground contamination Low to Moderate Risk	Heavy Metals PAH Asbestos	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
Possible infilled cellars / Made Ground	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
2. Car Parking/ construction compound	Ground contamination Low Risk	None	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
	Previous OFF SITE land uses within 250m as indicated by Historical Plans Including:			
3. Cotton Mill	Ground contamination Low to Moderate Risk	See DoE Profiles	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
4. Warehouse	Ground contamination Low Risk	See DoE Profiles	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
5. Saw Mill	Ground contamination Low Risk	See DoE Profiles	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
6. Cotton Mills Engineering Works Infilled reservoir Coal wharfs, Ropewalk Gasometer, Dye, Printing, Oil and Rubber Works ALL REDEVELOPED	Ground contamination Low Risk	See DoE Profiles	Dermal Contact Ingestion Inhalation	Site Users Construction workers Controlled Waters
	Gas from in-filled ground Low Risk	None	Vertical and Lateral Migration	Site Users Future Buildings & Services
7. Coal Workings & Mineral Extraction	Geotechnical Hazard Low Risk	None	Ground Collapse Subsidence	Humans (site users) Future Buildings & Services
	Ground contamination Low Risk	None	None	Site Users Services
	Mine Gas Low Risk	None	None	Humans (site users) Future Buildings & Services

Only sources that have not been present on site in the past or currently are considered within the off site category. Unless the information is deemed to be pertinent to the analysis.

From the sources of information examined as part of this investigation a low to moderate potential for contaminated materials to be present on site has been established and a low potential for the presence of ground gas. There is a low likelihood of hazards from past coal workings.

9. Conclusions & Recommendations

The evidence presented elsewhere within this report indicates a requirement for further investigation in the form of intrusive site works. The phase I report has demonstrated that the site has been potentially impacted by historical uses and as a consequence there is a requirement on this site for sources of potential contamination to be considered.

Details of the nature and extent of the intrusive works are likely to include the following:

- Exploration holes to confirm the nature and type of materials underlying the site.
- The sampling and testing of a number of representative soil samples for a range of determinants as listed in the conceptual model based on the recommendations in the DoE industry profiles and experience to enable a more robust quantitative risk assessment to be made in accordance with the methods set out in the UK government methodology outlined online in Land Contamination Risk Management (LCRM)
- The installation of a number of ground gas monitoring points with associated monitoring over a period of time as defined by best practice guidance.
- The sampling and testing of groundwater where encountered.
- The preparation of a report detailing the results of the Ground Investigation, updating of the conceptual model to include the quantitative analysis and the implications of the results in terms of future development.

9.1 Supplementary Recommendations

Given the scale, sensitivity and likely geotechnical category of the proposed development it is recommended that a series of deeper geotechnical holes are established at the same time as the Ground Investigation for contaminated ground in order to ascertain data on the characteristics of the underlying stratigraphy to enable efficient foundation design by the structural engineer.





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Technical Director

This report has been prepared by GeoAssist Limited with all reasonable professional skill, care and diligence within the terms of the contract with Jadebricks (Charles Street) Ltd. The report is confidential to Jadebricks (Charles Street) Ltd, their/the named persons advisors and bankers, and GeoAssist Limited accepts no responsibility of whatever nature to third parties to whom this report may be divulged. GeoAssist Limited owns the copyright in this report. All rights are reserved, and unauthorised use is prohibited. Jadebricks (Charles Street) Ltd may use the report for their/her/his own purposes.
GeoAssist have utilised the third-party information presented in the Environmental data search in order to undertake the Preliminary Contaminated Land Risk Assessment. GeoAssist are not liable for any errors, omissions or facts that might be contained within the Environmental data search report

Appendix A

A1 Site Plan
A2 Site Photographs
A3 Site Development Plan
A4 Historical Photos

6134GALv1.00



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A1 Site Plan

Site Name	Charles Street
Location	Manchester
GeoAssist Ref	6134VCM
Client	Jadebricks (Charles Street) Ltd
	Apartment 2.2, 19 Trevor Square Knightsbridge London SW7 1DZ
Planning Consultant	(dp)2 Ltd.
NGR (centre of site)	384240,397490
Production Date	Oct 2023
Survey Method	
Surveyor	Others
Status	Final v1.00
Base Survey	OSGB36

Do Not Scale

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consultancy engineering business environment

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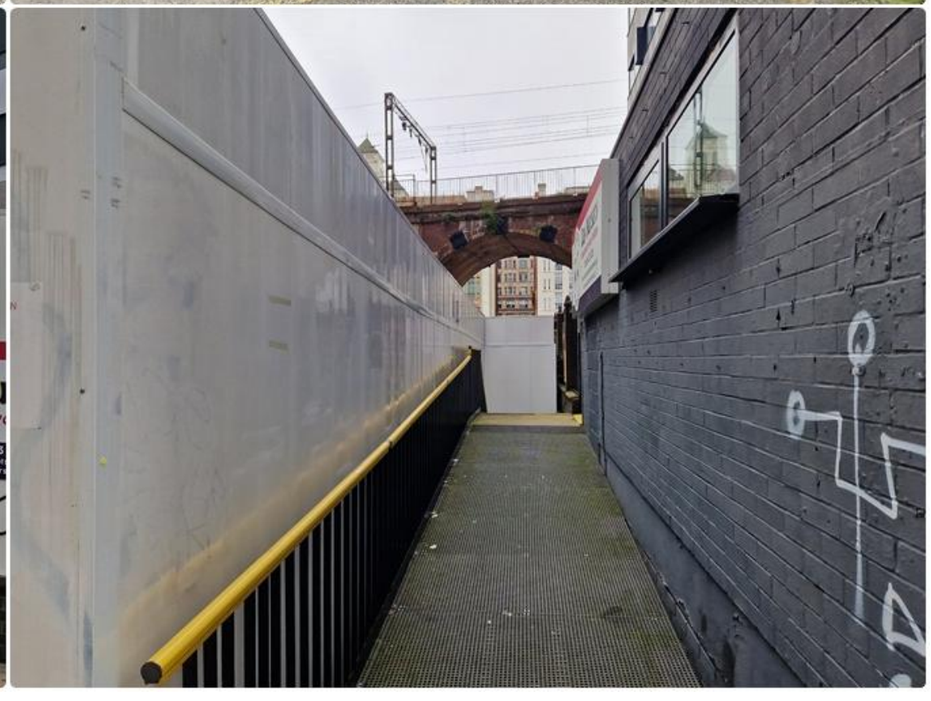
A2 Site Photos

Site Name	Charles Street
Location	Manchester
GeoAssist Ref	6134VCM
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P1 Oct 2023 Looking East from York Street	**P2** Oct 2023 Looking south east from York Street
P3 Oct 2023 Looking North East from corner of York Street and Charles Street	**P4** Oct 2023 Looking North from Charles Street

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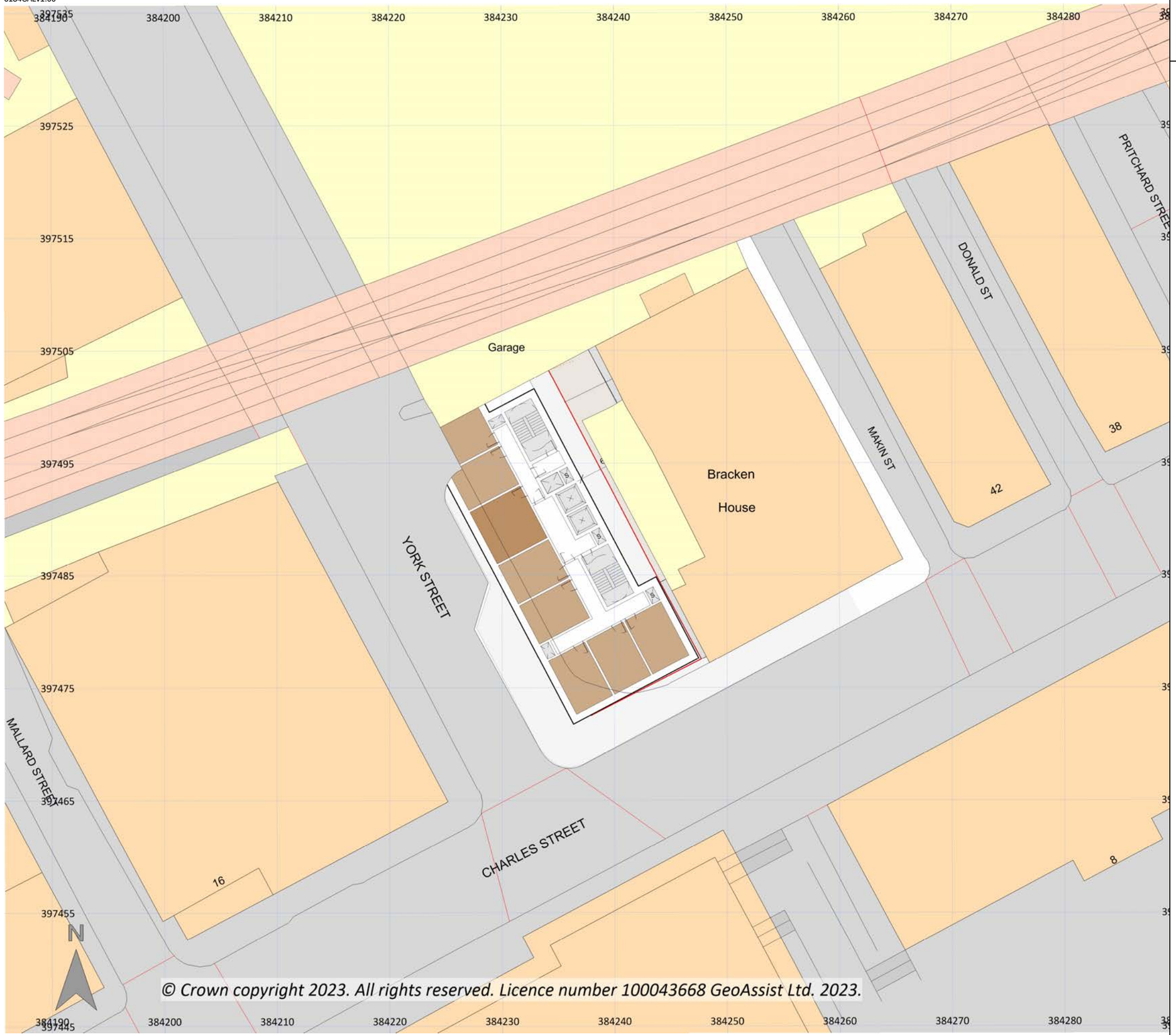
A2 Site Photo Plan

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A3 Site Development Plan

Site Name	Charles Street
Location	Manchester
GeoAssist Ref	6134VCM
Client	Jadebricks (Charles Street) Ltd
	Apartment 2.2, 19 Trevor Square Knightsbridge London SW7 1DZ
Planning Consultant	(dp)2 Ltd.
NGR (centre of site)	384240,397490
Production Date	Oct 2023
Survey Method	
Surveyor	Others
Status	Final v1.00
Base Survey	OSGB36

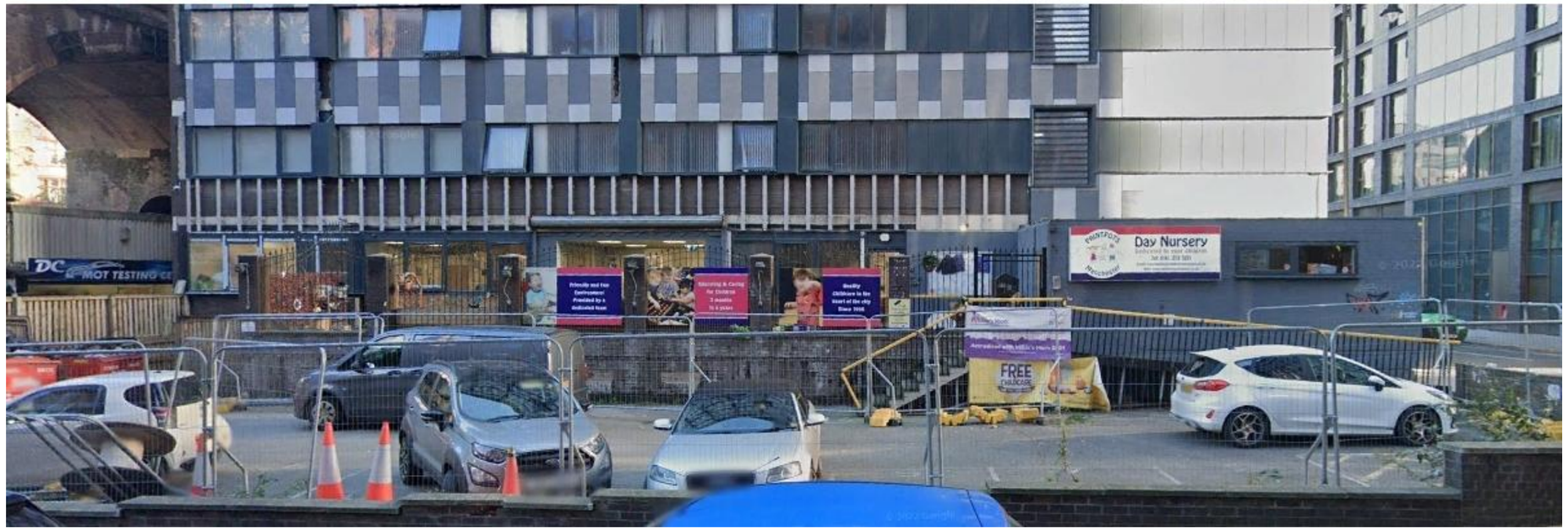
Do Not Scale

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A4 Historical Photos





Site Name	Charles Street
Location	Manchester
GeoAssist Ref	6134VCM
Client	Jadebricks (Charles Street) Ltd
	Apartment 2.2, 19 Trevor Square Knightsbridge London SW7 1DZ
Planning Consultant	(dp)2 Ltd.
NGR (centre of site)	384240,397490
Production Date	Oct 2023
Survey Method	
Surveyor	Others
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Base Survey	OSGB36

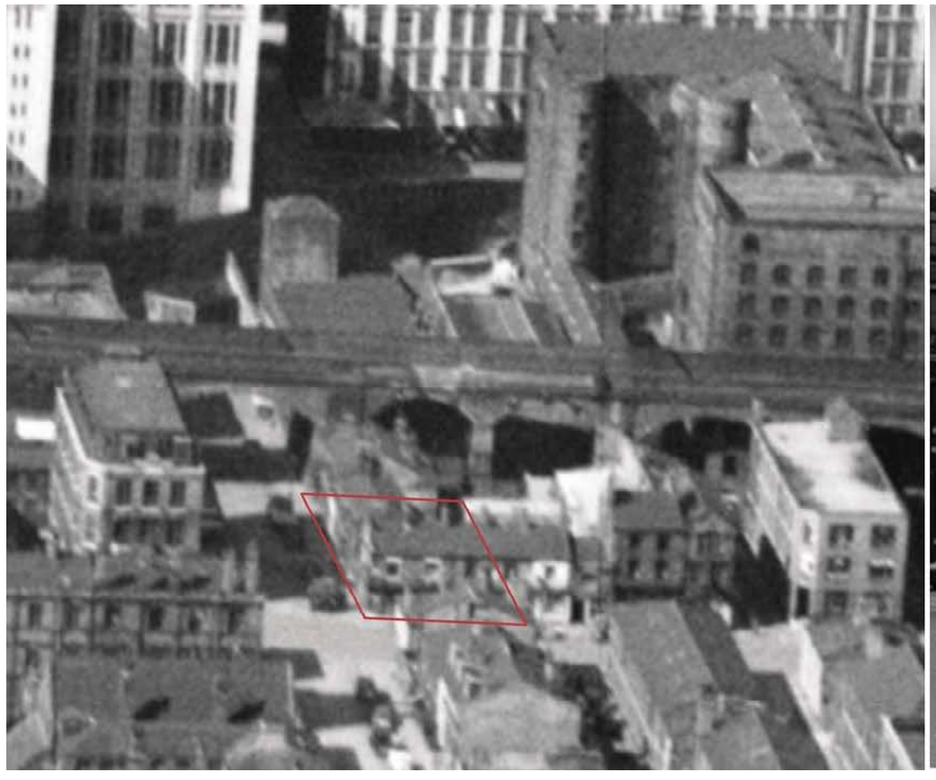
P1 Nov 2022 Looking south east from York Street
P2 Nov 2022 Looking East from York Street

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A4 Historical Photos

Site Name	Charles Street
Location	Manchester
GeoAssist Ref	6134VCM
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NGR (centre of site)	384240,397490
Production Date	Oct 2023
Survey Method	
Surveyor	Others
Status	Final v1.00
Base Survey	OSGB36



P1 1949 Aerial view of site (red boundary) and environs looking north east



P2 1960s Looking west along Charles Street to the corner of York Street

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Appendix B

B1 OS Historical Plans

Appendix B1

Map Series Name	Published	Source Scale
Lancashire And Furness	1848	1:10,560
Cheshire	1882	1:10,560
Lancashire And Furness	1894-1896	1:10,560
Cheshire	1899	1:10,560
Lancashire And Furness	1909	1:10,560
Cheshire	1911	1:10,560
Lancashire And Furness	1923	1:10,560
Lancashire And Furness	1931-1933	1:10,560
Cheshire	1938	1:10,560
Lancashire And Furness	1938	1:10,560
Ordnance Survey Plan	1956	1:10,560
Ordnance Survey Plan	1968	1:10,560
Ordnance Survey Plan	1972	1:10,000
Ordnance Survey Plan	1980-1981	1:10,000
Ordnance Survey Plan	1985-1987	1:10,000
Ordnance Survey Plan	1989	1:10,000
Ordnance Survey Plan	1993-1994	1:10,000
10K Raster Mapping	1999	1:10,000
Street View	2023	1:10.000

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
Sloping Masonry
Pylon
Electricity Transmission Line
Pole
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

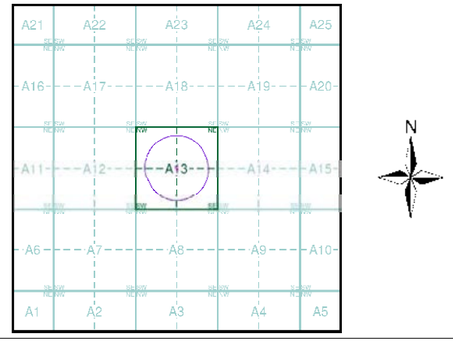
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Lancashire And Furness	1:10,560	1848	2
Cheshire	1:10,560	1882	3
Lancashire And Furness	1:10,560	1894 - 1896	4
Cheshire	1:10,560	1899	5
Lancashire And Furness	1:10,560	1909	6
Cheshire	1:10,560	1911	7
Lancashire And Furness	1:10,560	1923	8
Lancashire And Furness	1:10,560	1931 - 1933	9
Cheshire	1:10,560	1938	10
Lancashire And Furness	1:10,560	1938	11
Ordnance Survey Plan	1:10,000	1956	12
Ordnance Survey Plan	1:10,000	1968	13
Ordnance Survey Plan	1:10,000	1972	14
Ordnance Survey Plan	1:10,000	1980 - 1981	15
Ordnance Survey Plan	1:10,000	1985 - 1987	16
Ordnance Survey Plan	1:10,000	1989	17
Ordnance Survey Plan	1:10,000	1993 - 1994	18
10K Raster Mapping	1:10,000	1999	19
Street View	Variable		20

Historical Map - Slice A



Order Details

Order Number: 319430848_1_1
Customer Ref: 6134 VCM
National Grid Reference: 384240, 397490
Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 250

Site Details

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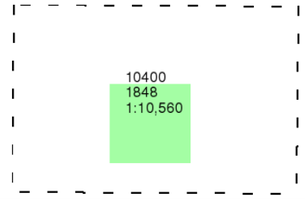
Lancashire And Furness

Published 1848

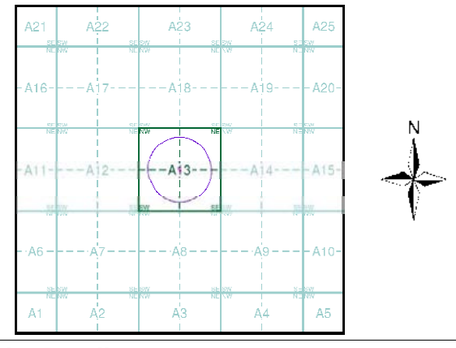
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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



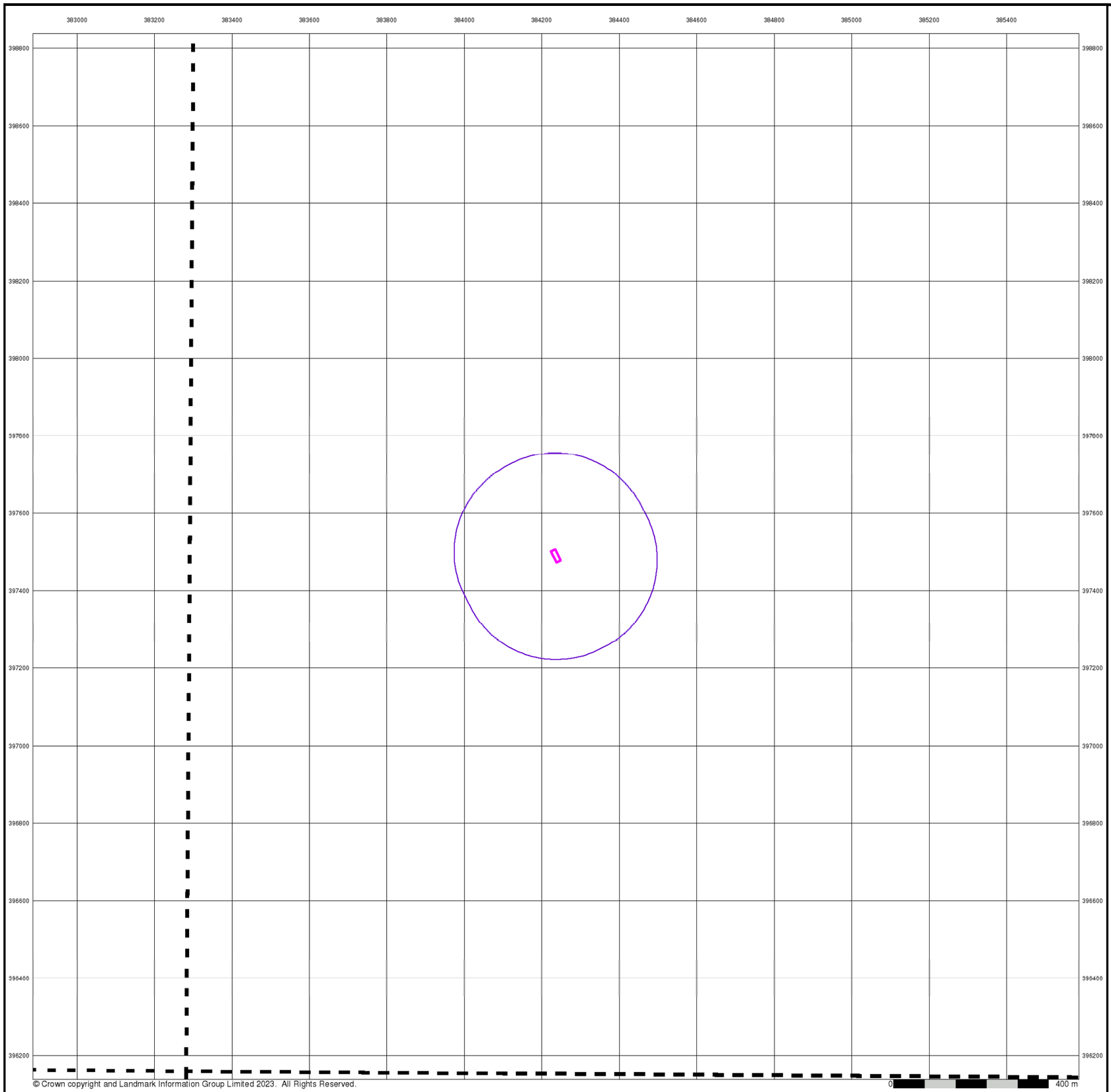
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National Grid Reference:	384240, 397490
Slice:	A
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Site Details

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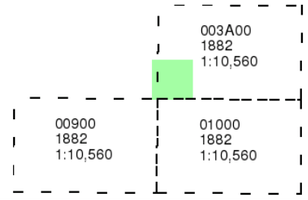
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Published 1882

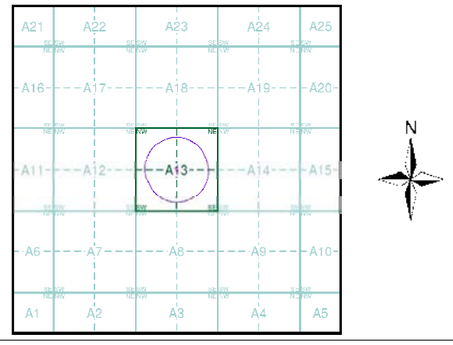
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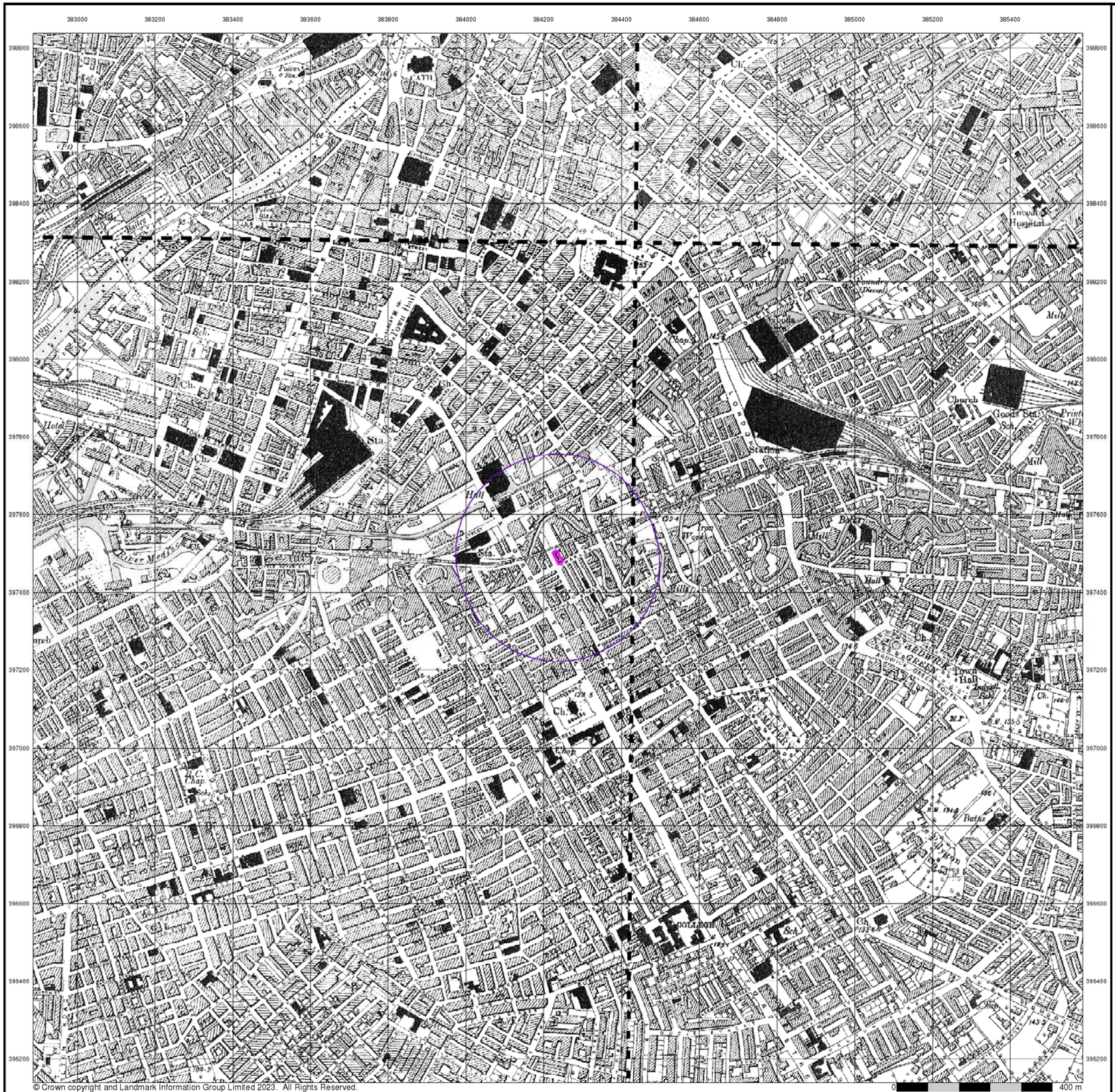


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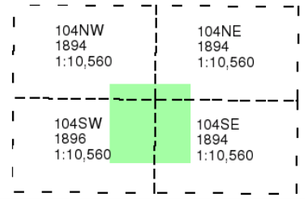
Lancashire And Furness

Published 1894 - 1896

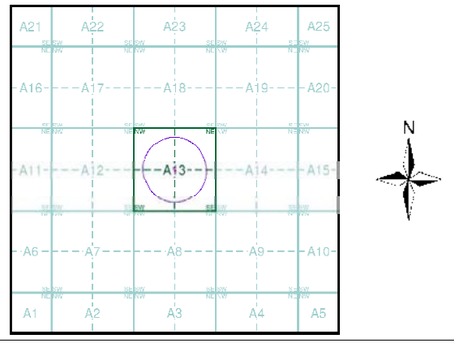
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Map Name(s) and Date(s)



Historical Map - Slice A

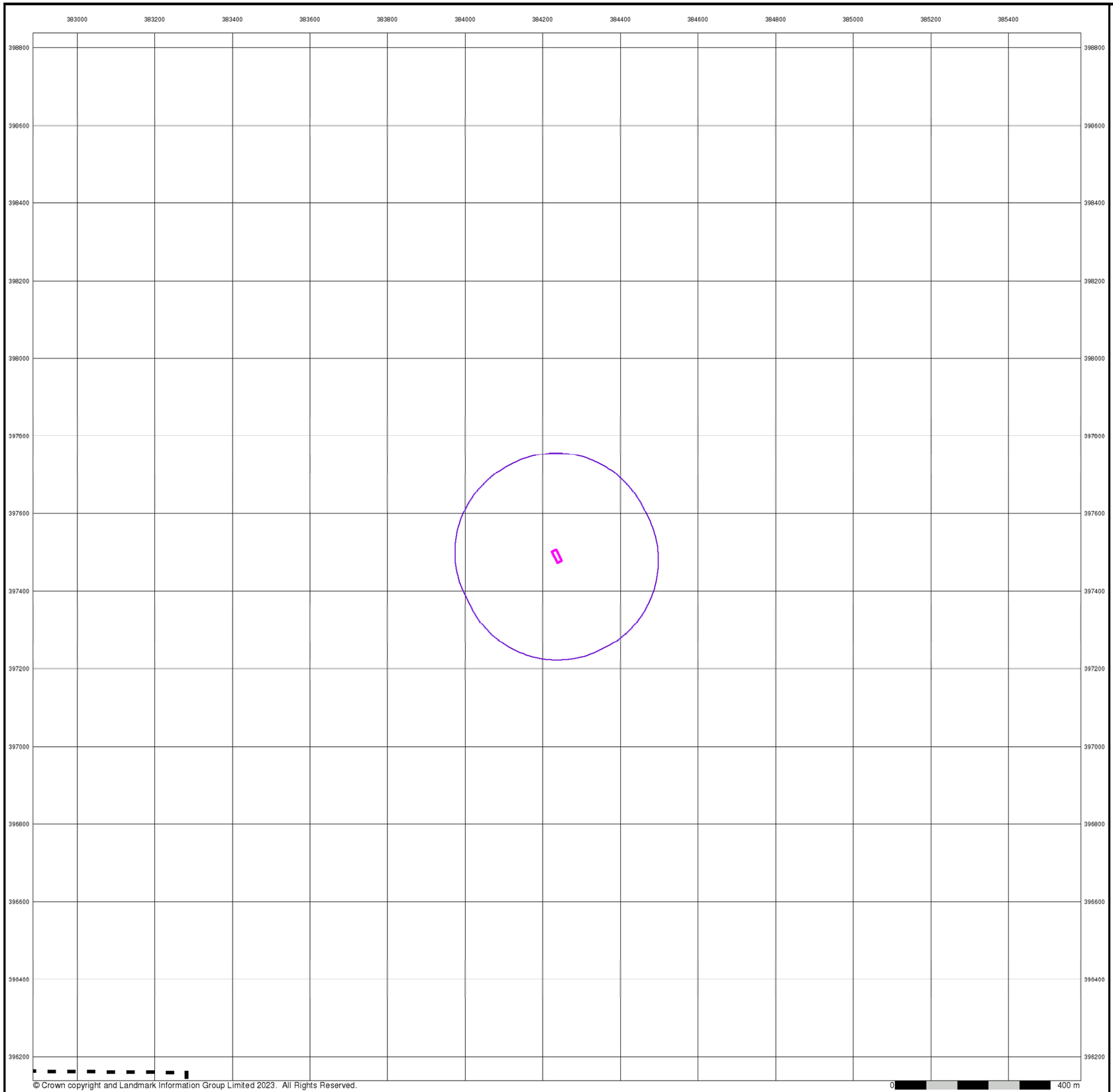


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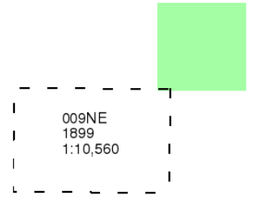
Cheshire

Published 1899

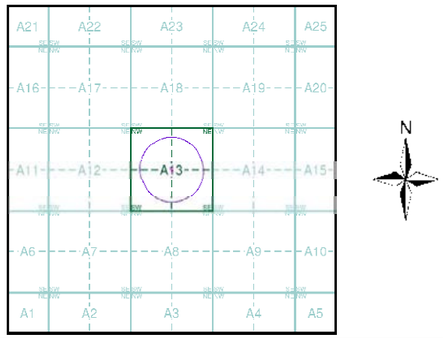
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

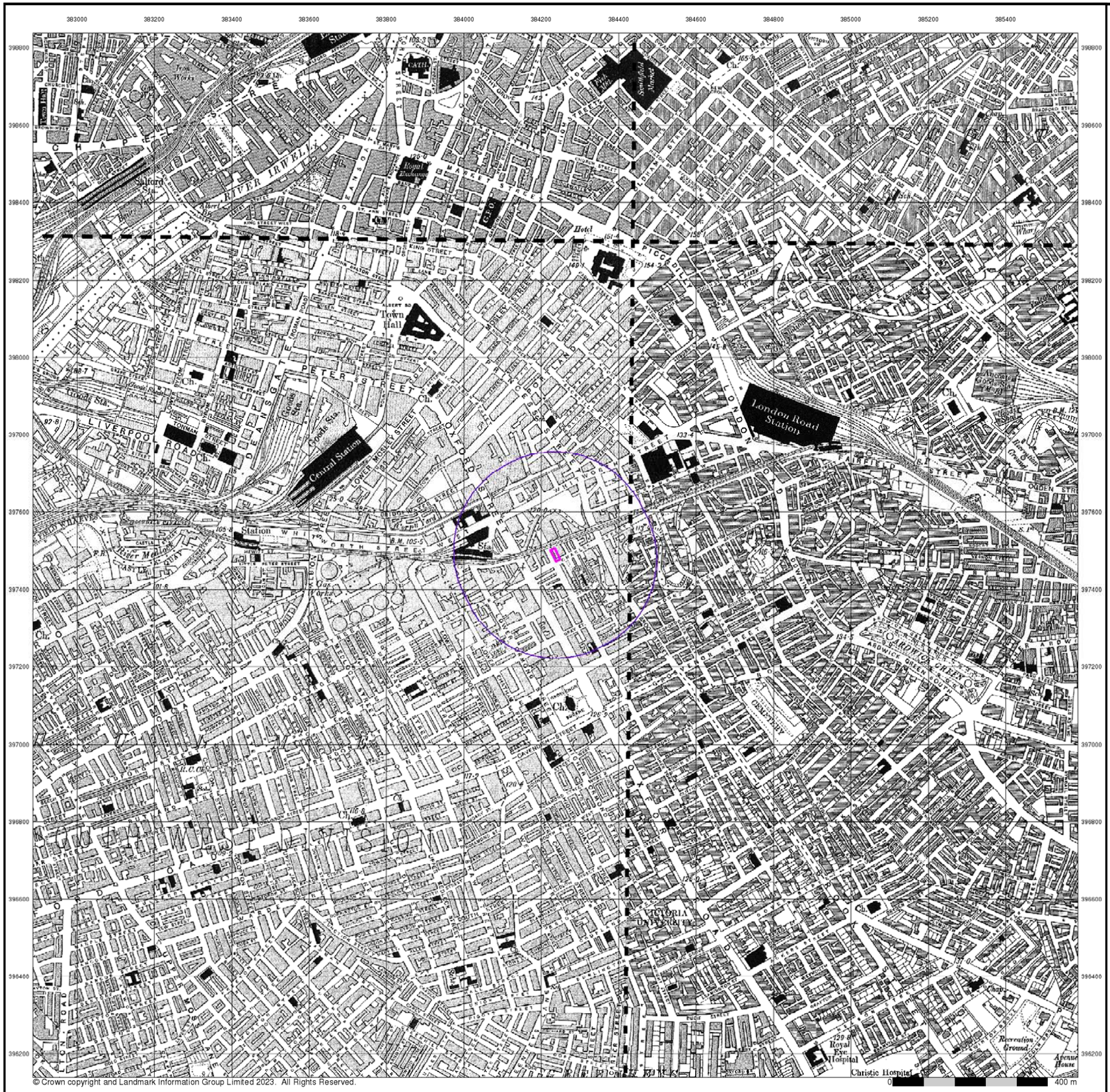


Order Details

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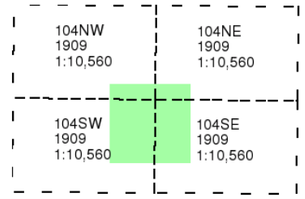
Lancashire And Furness

Published 1909

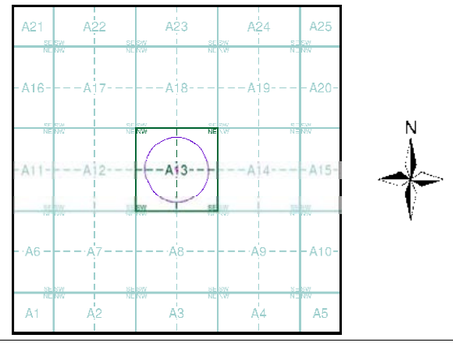
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

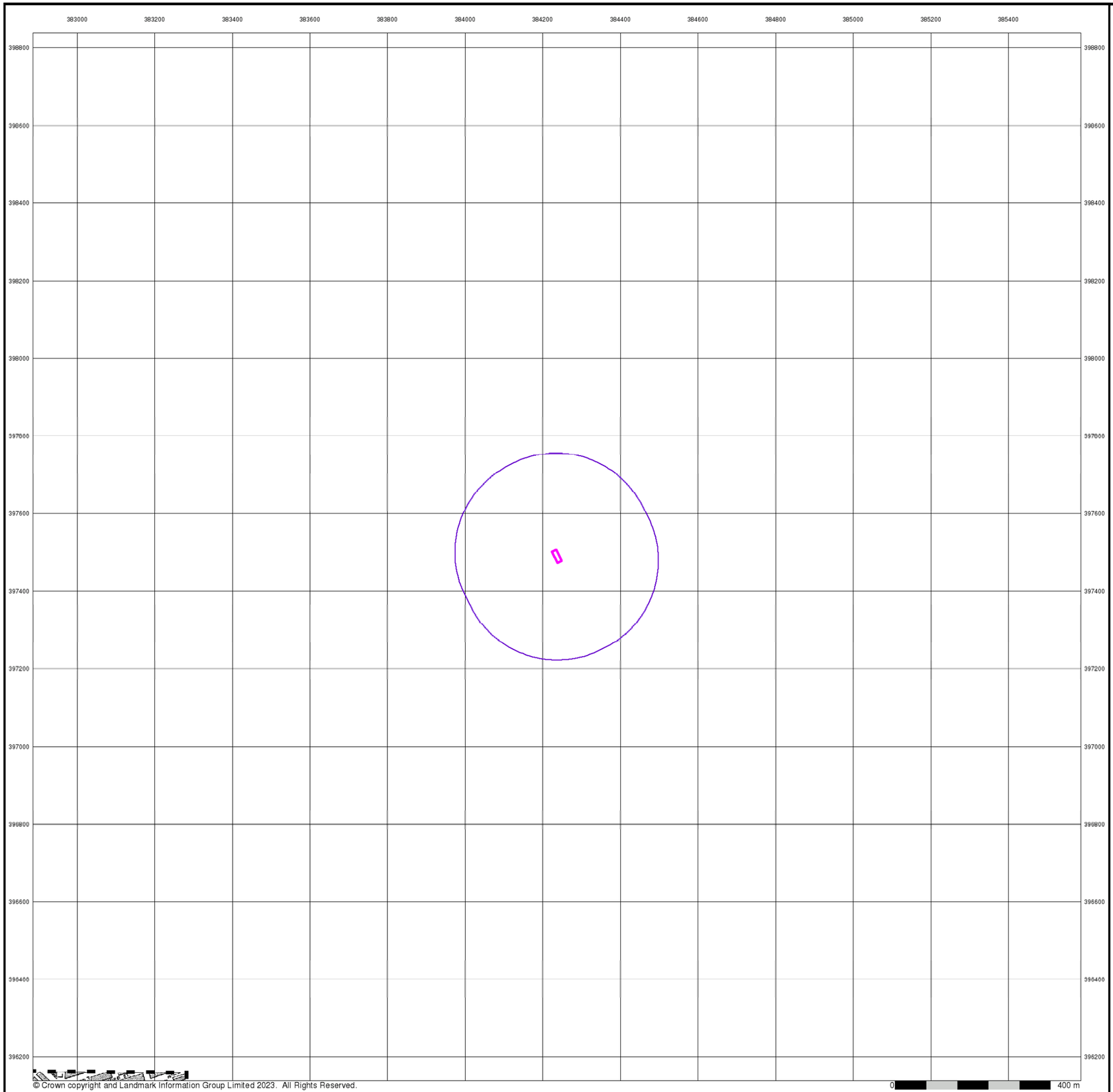


Order Details

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National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

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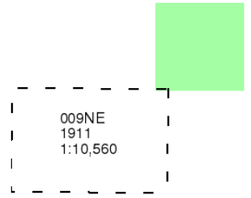
Cheshire

Published 1911

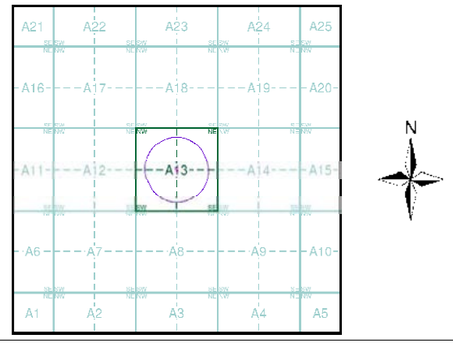
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

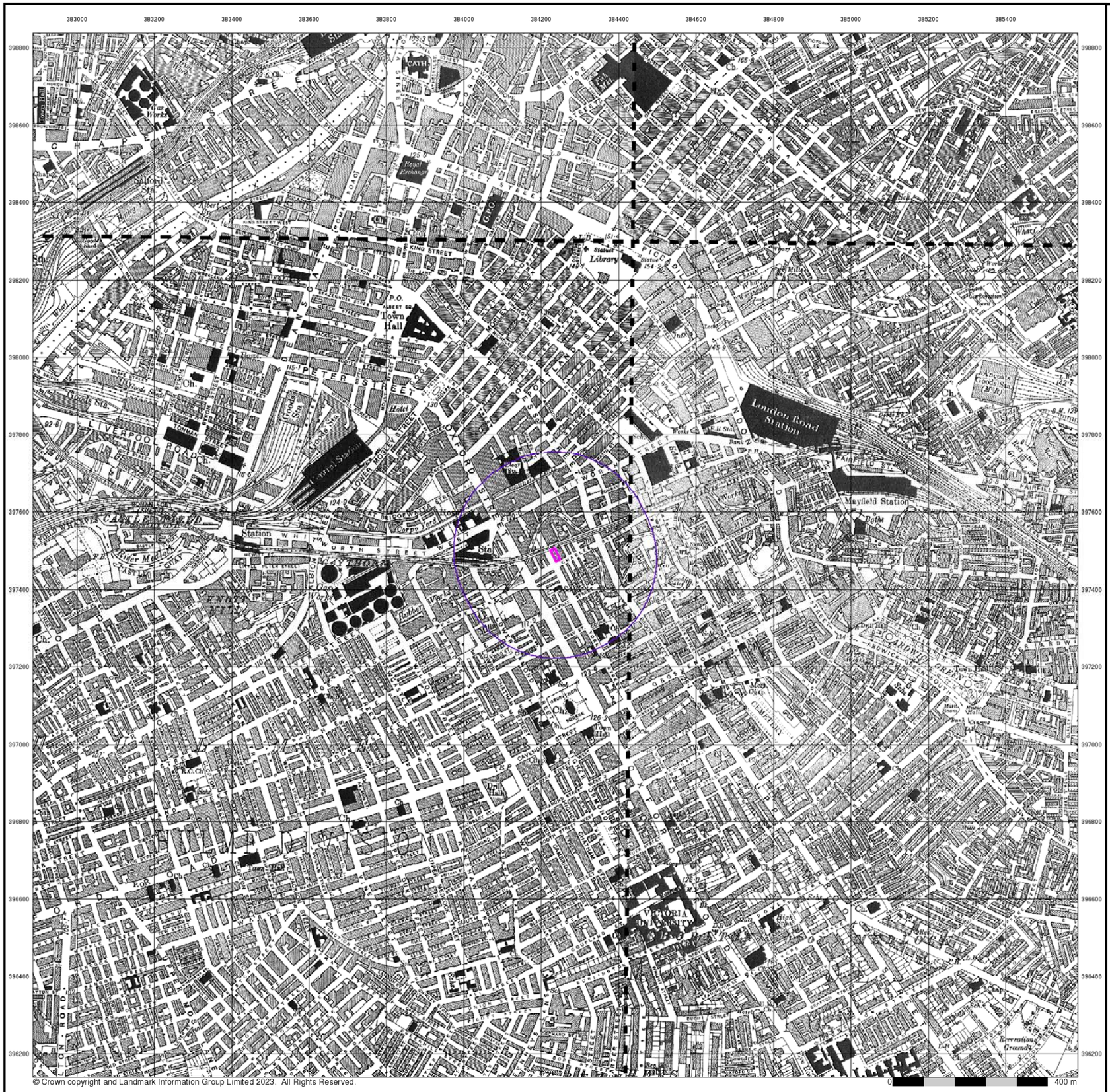


Order Details

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National Grid Reference:	384240, 397490
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Site Area (Ha):	0.04
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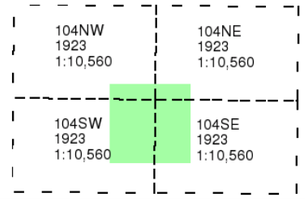
Lancashire And Furness

Published 1923

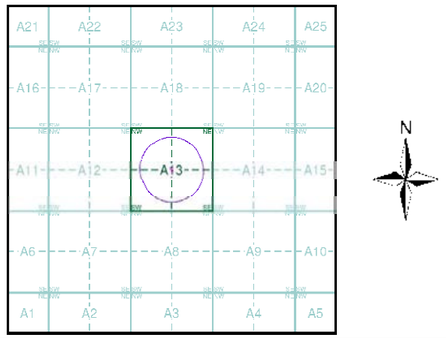
Source map scale - 1:10,560

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

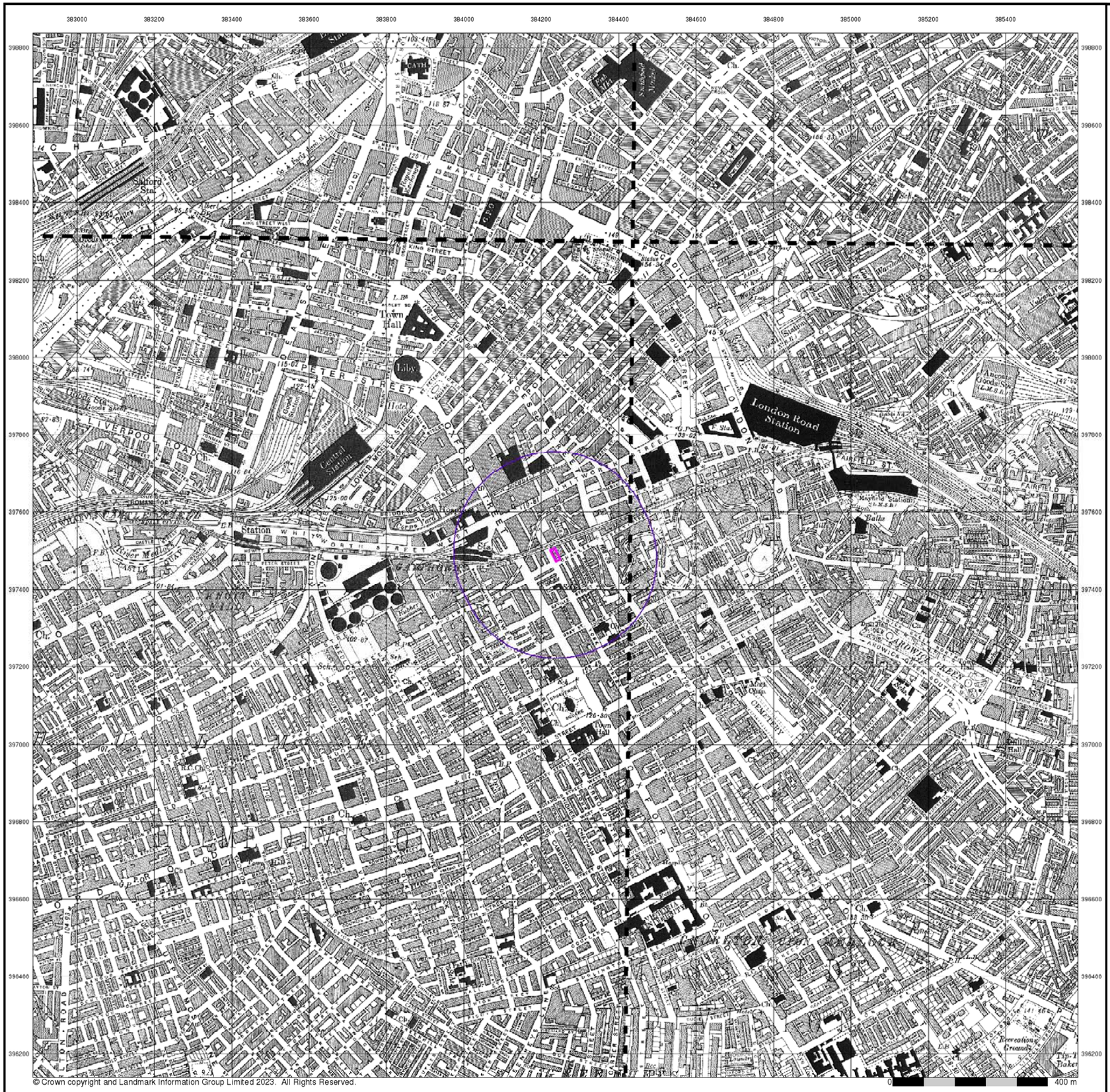


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Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

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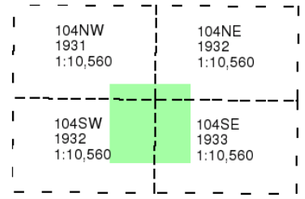
Lancashire And Furness

Published 1931 - 1933

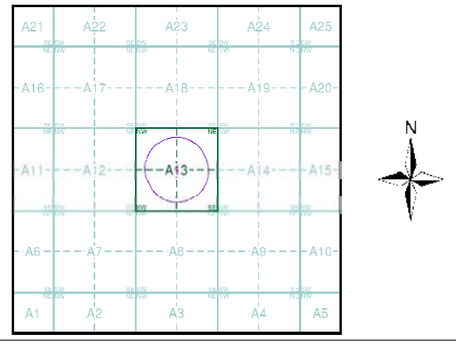
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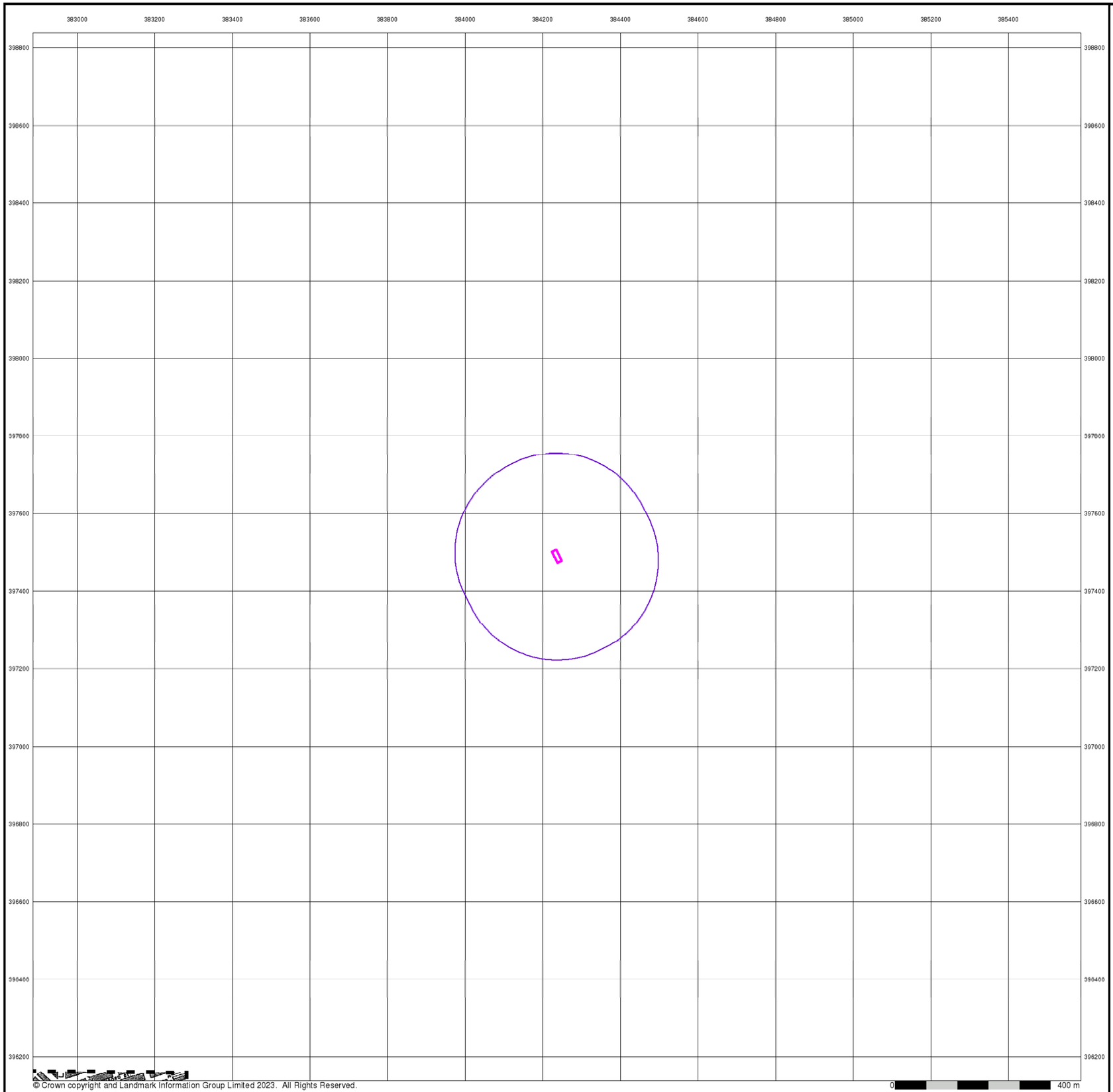


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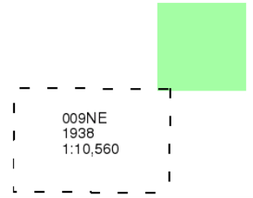
Cheshire

Published 1938

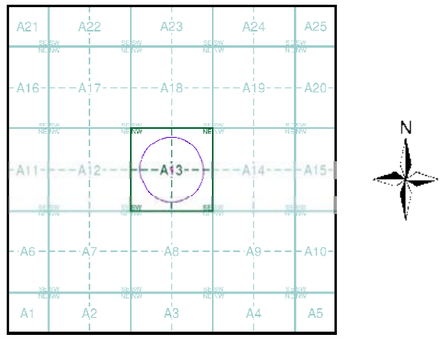
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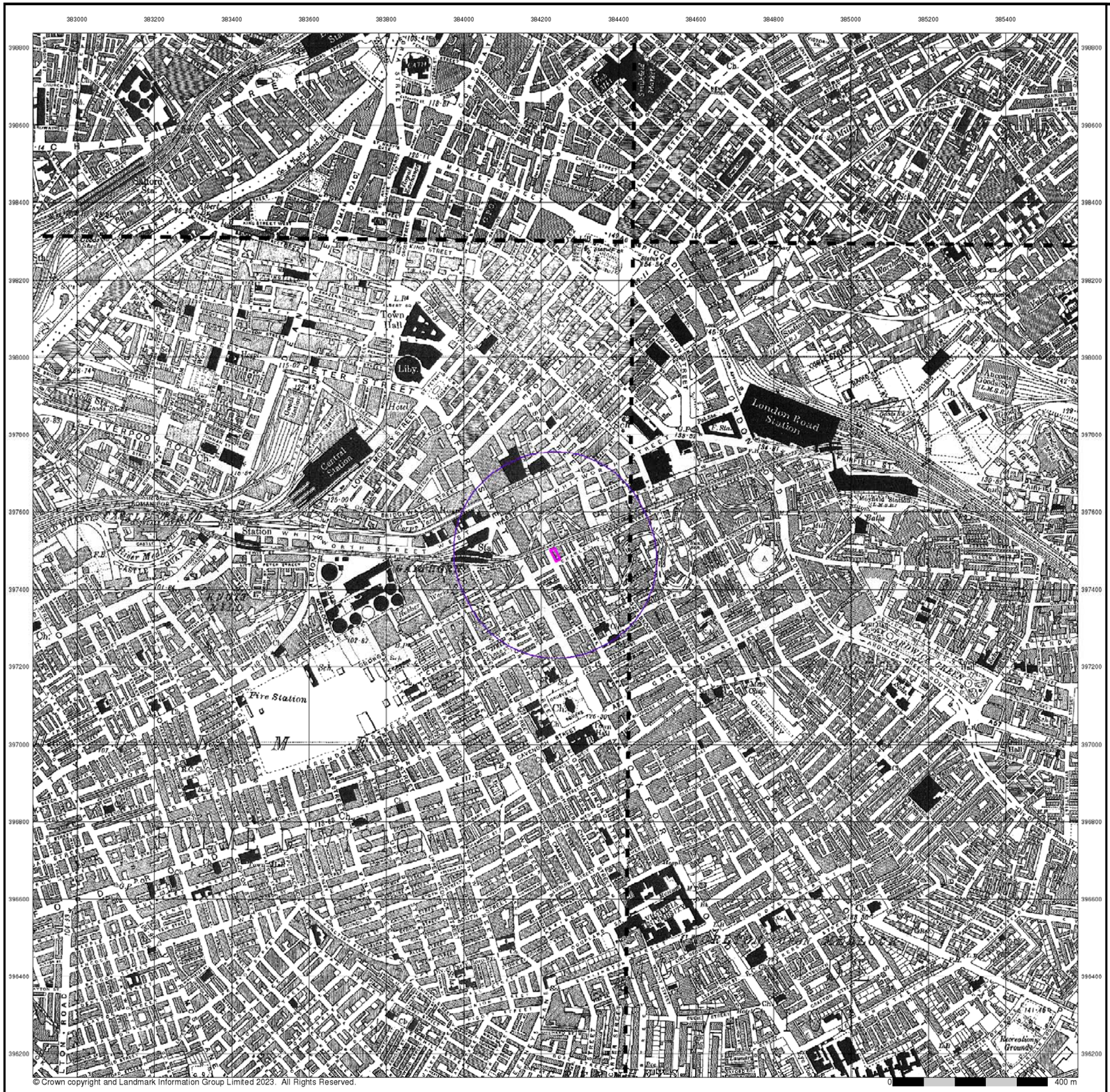


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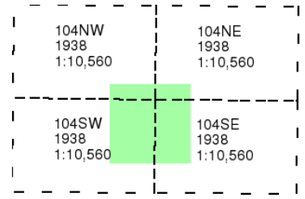
Lancashire And Furness

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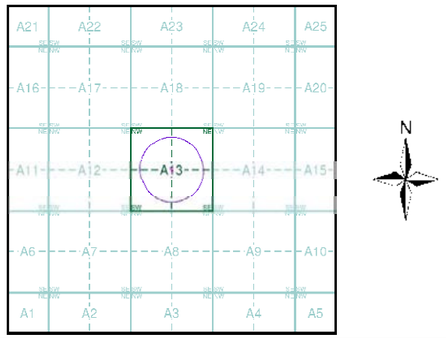
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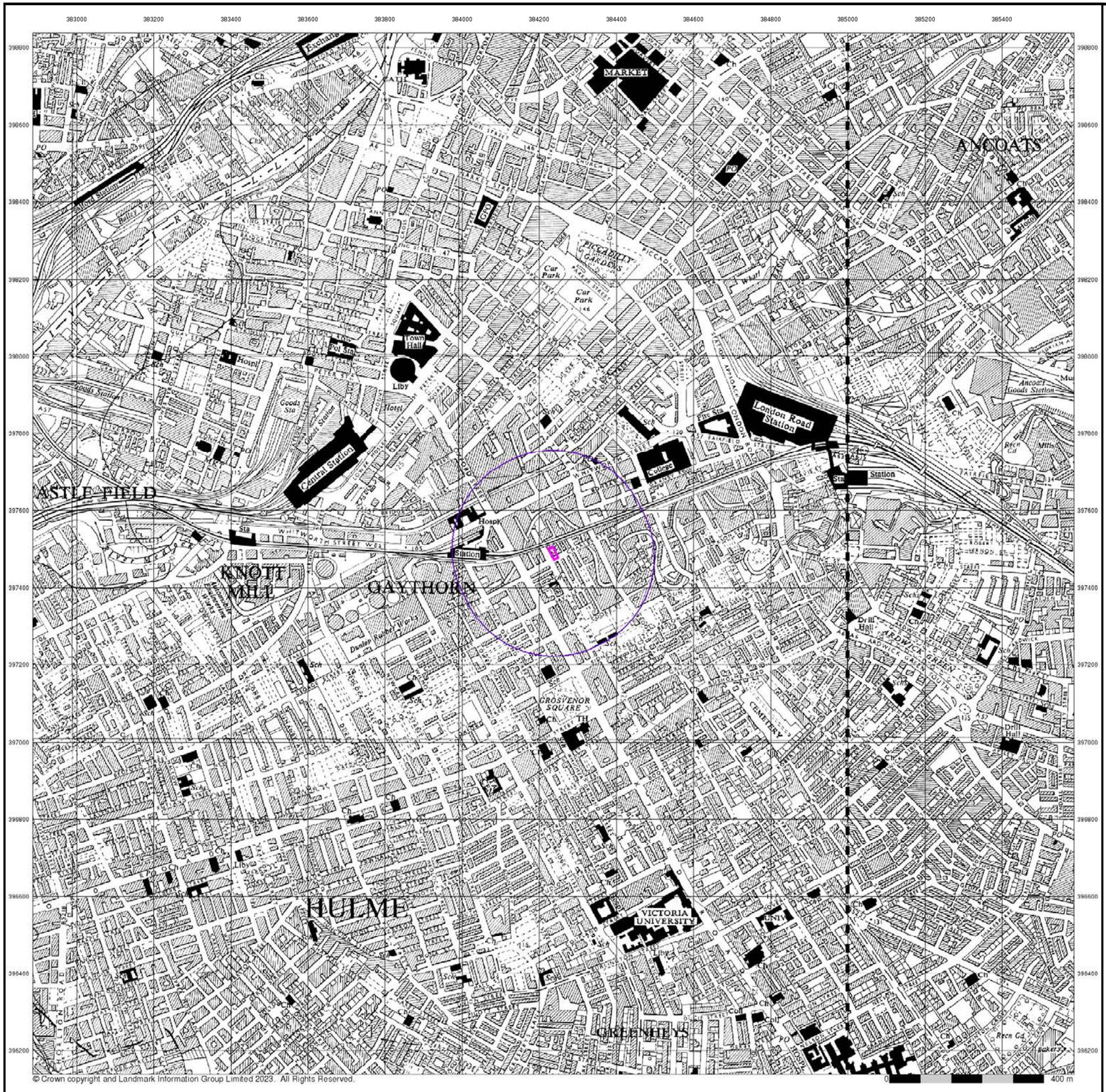
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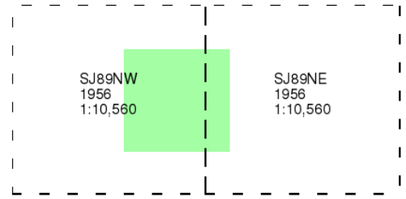
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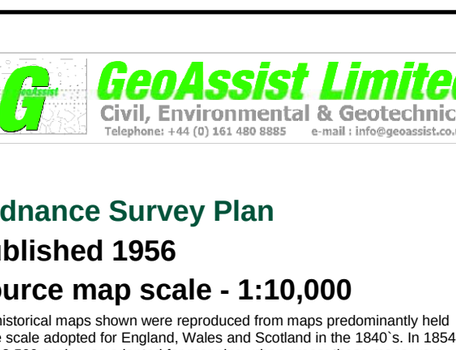
Ordnance Survey Plan
Published 1956
Source map scale - 1:10,000

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Map Name(s) and Date(s)



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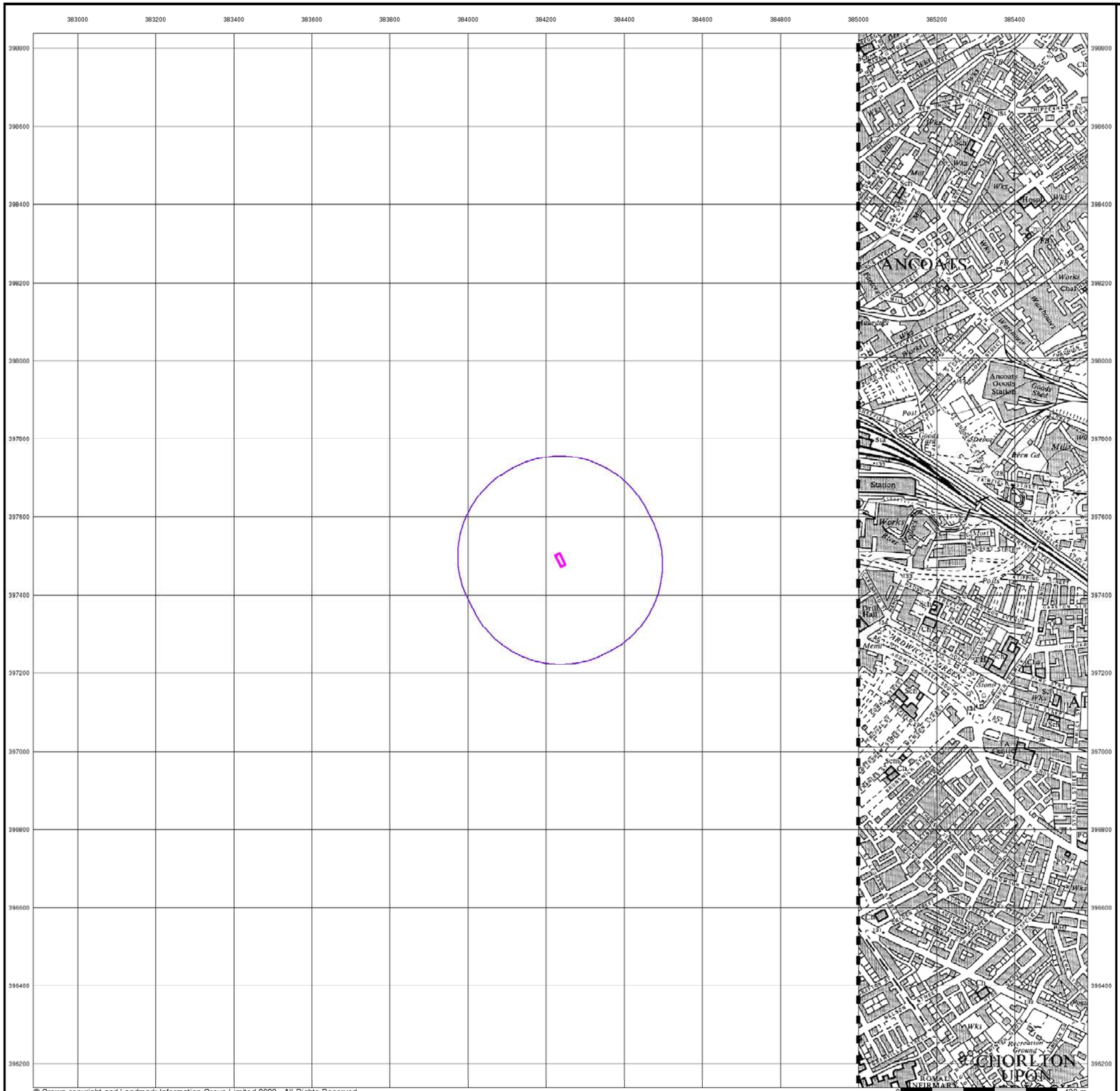


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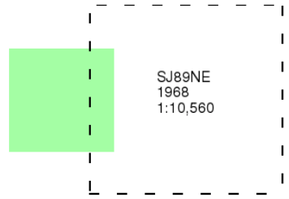
Ordnance Survey Plan

Published 1968

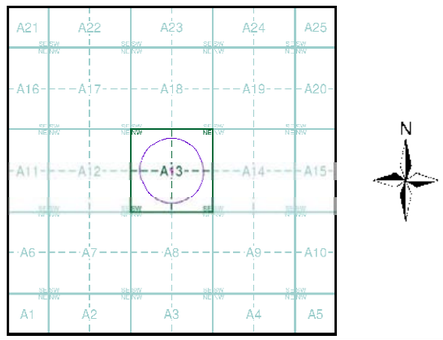
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



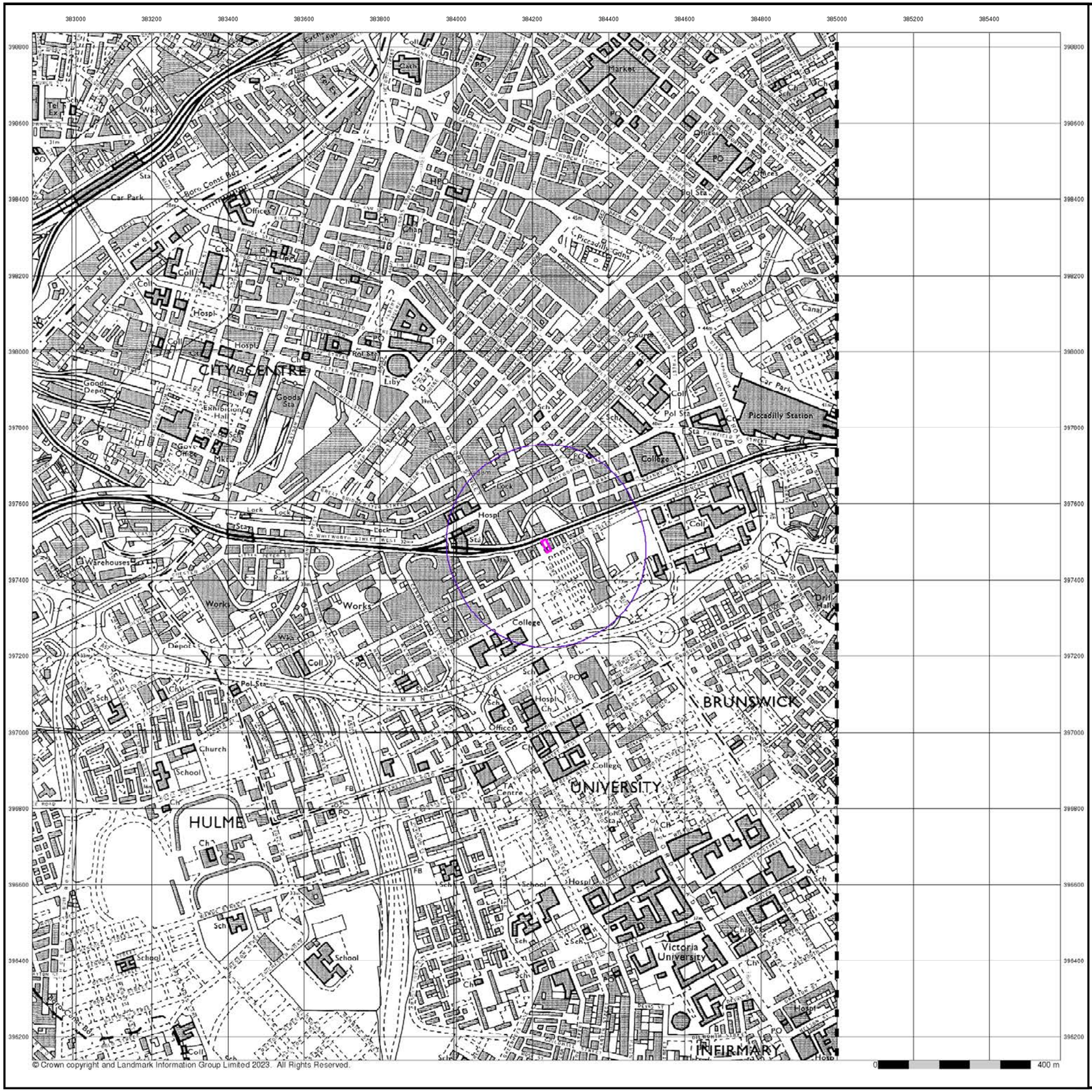
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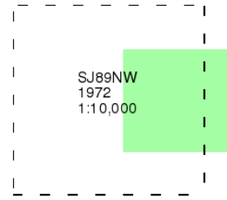
Ordnance Survey Plan

Published 1972

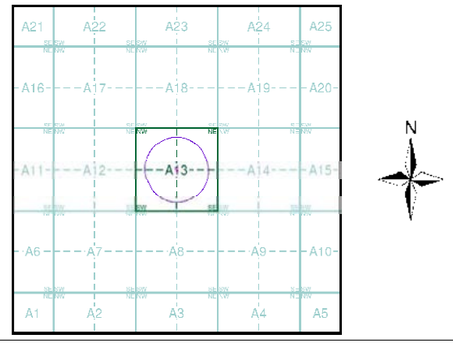
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Map Name(s) and Date(s)



Historical Map - Slice A



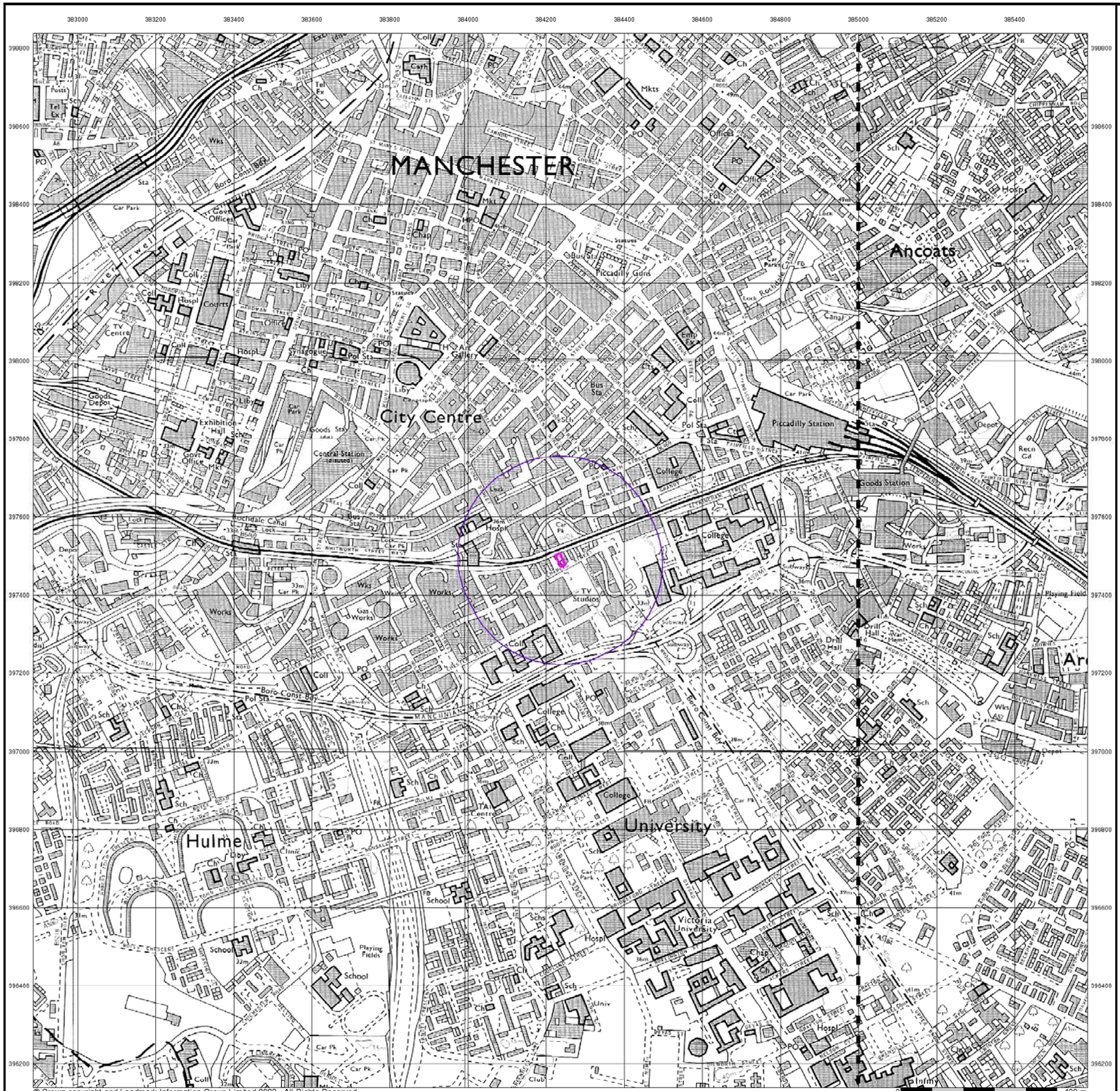
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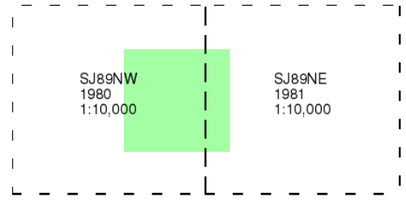
Ordnance Survey Plan

Published 1980 - 1981

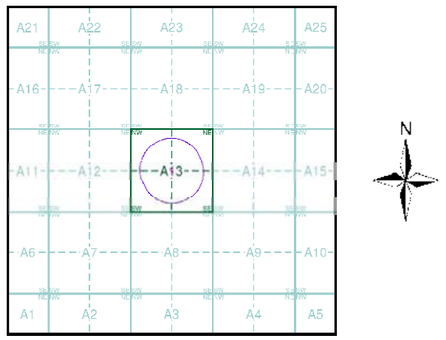
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Historical Map - Slice A



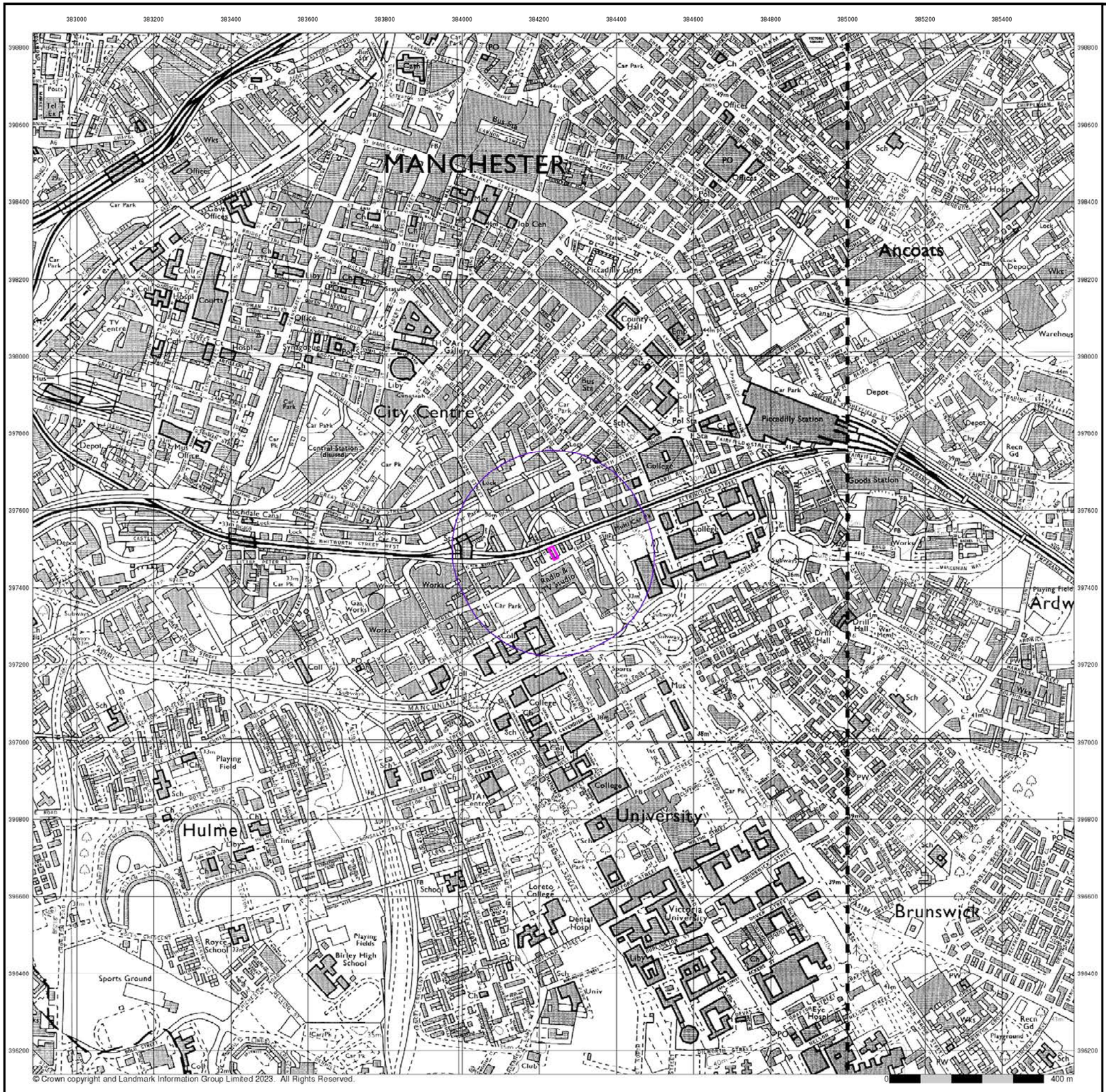
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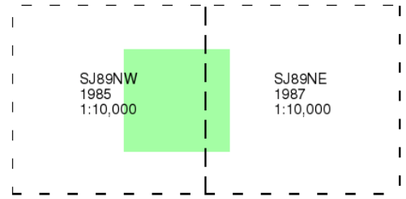
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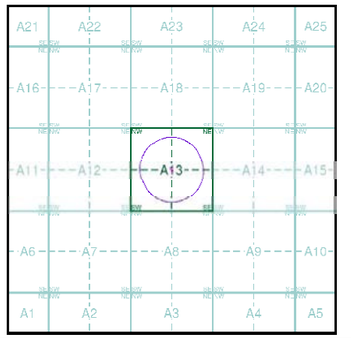
Ordnance Survey Plan
Published 1985 - 1987
Source map scale - 1:10,000

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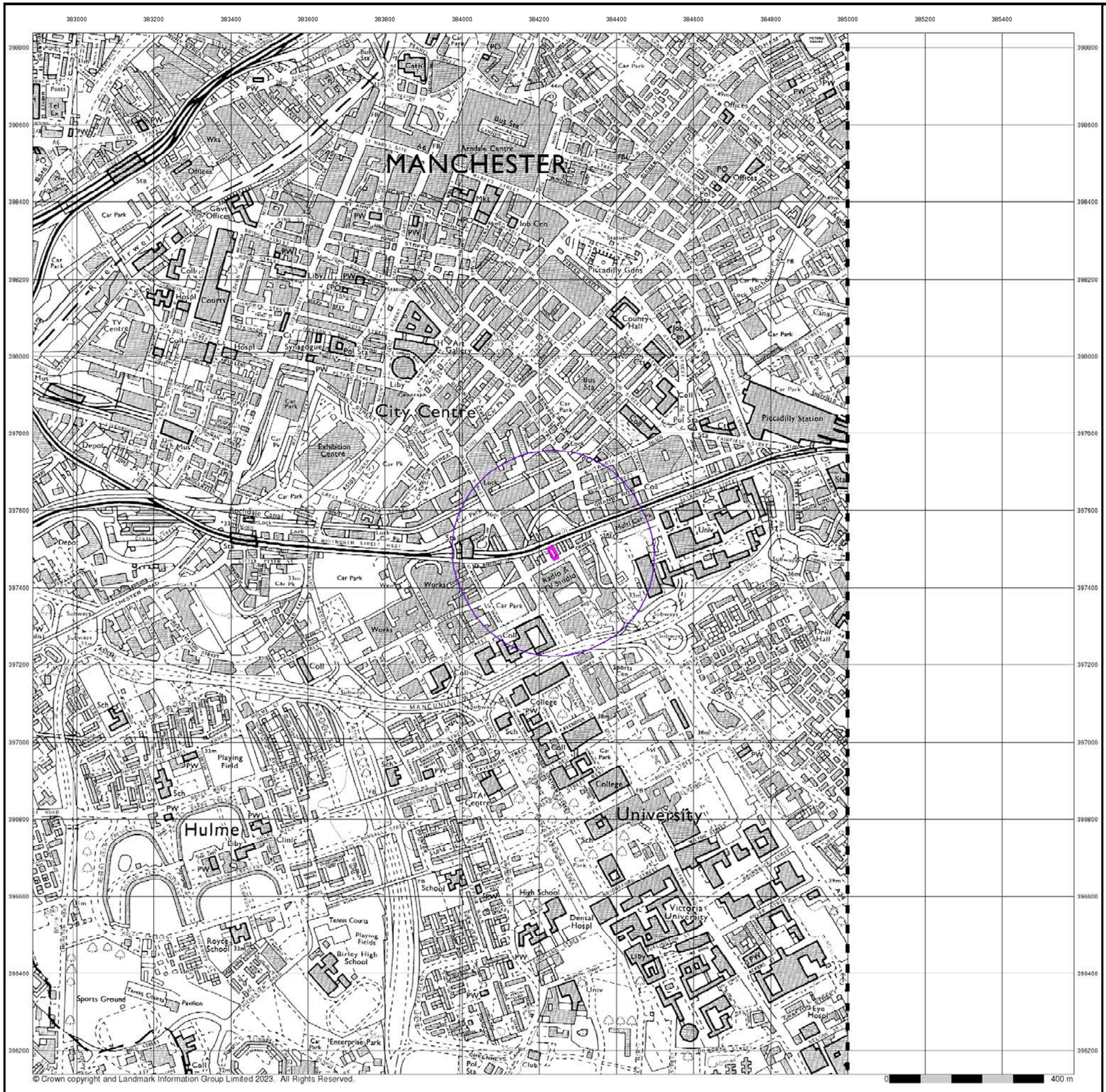
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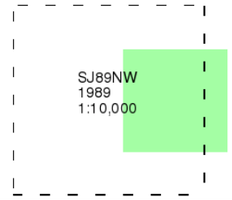
Ordnance Survey Plan

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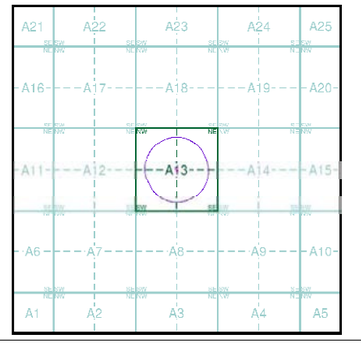
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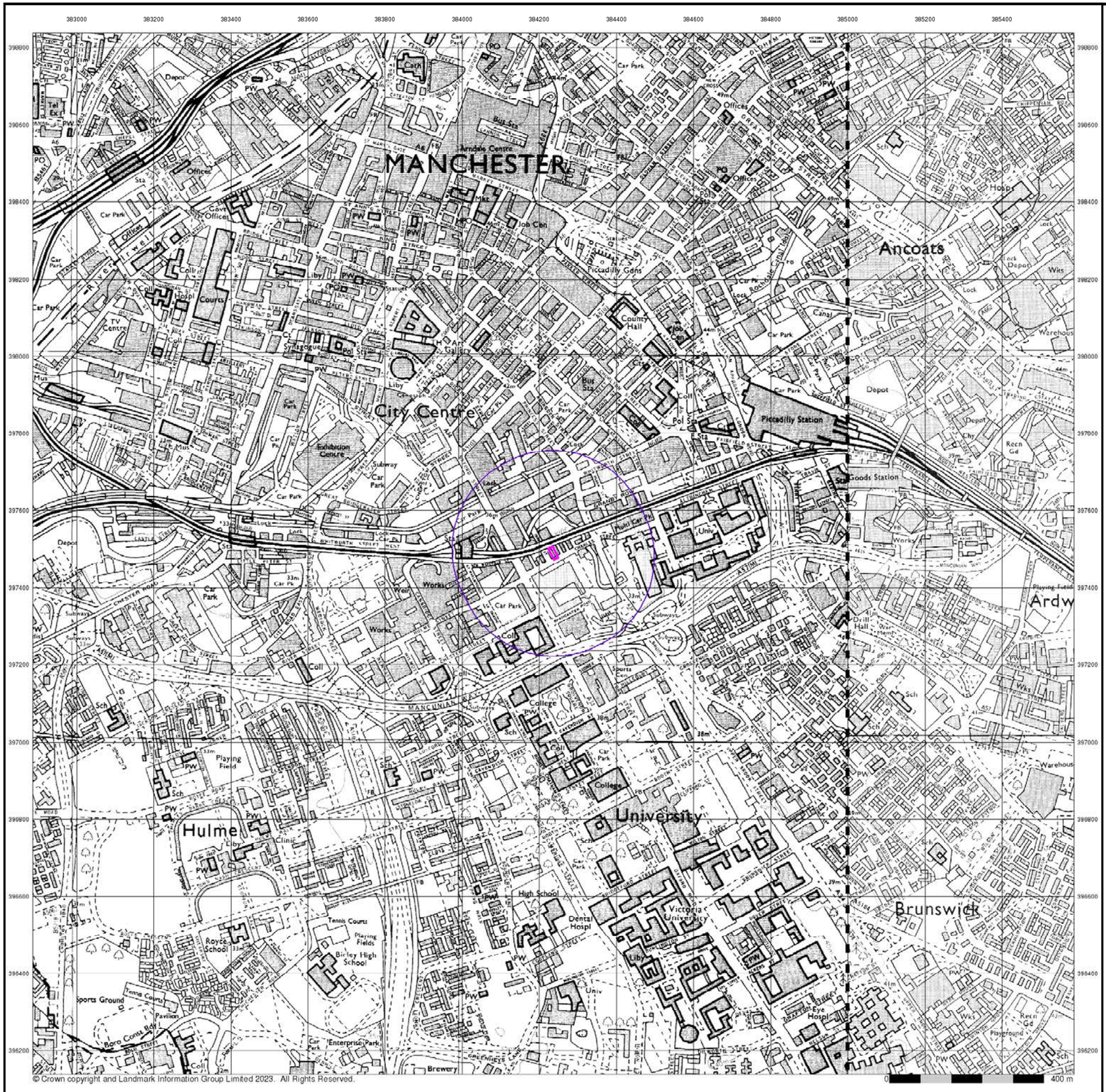
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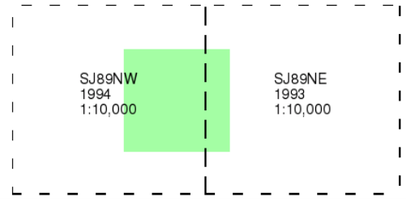
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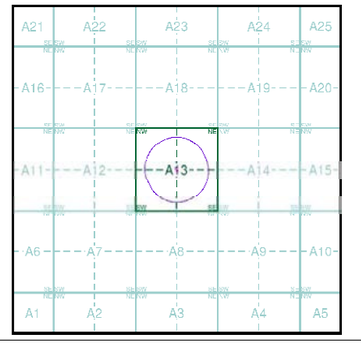
Ordnance Survey Plan
Published 1993 - 1994
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

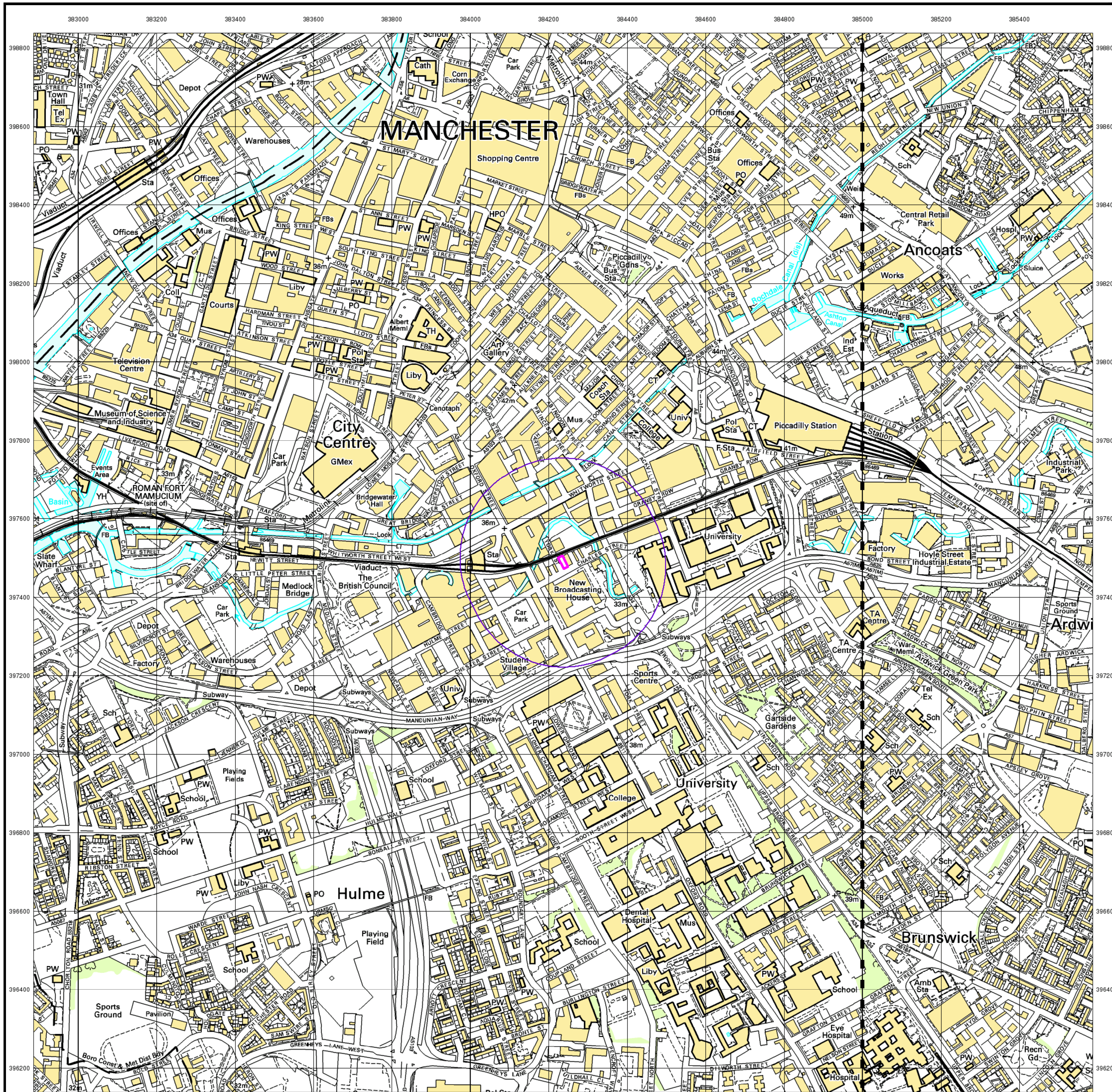


Order Details

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Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

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0 400 m

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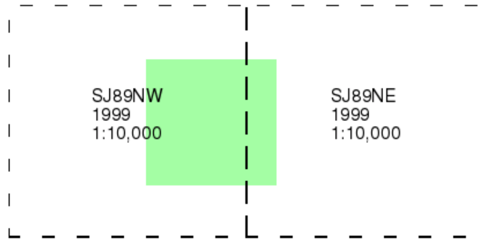
10k Raster Mapping

Published 1999

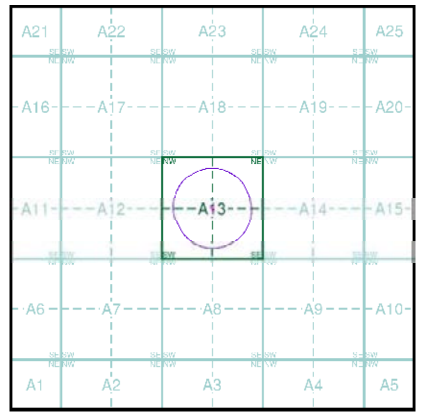
Source map scale - 1:10,000

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)



Historical Map - Slice A



N

Order Details

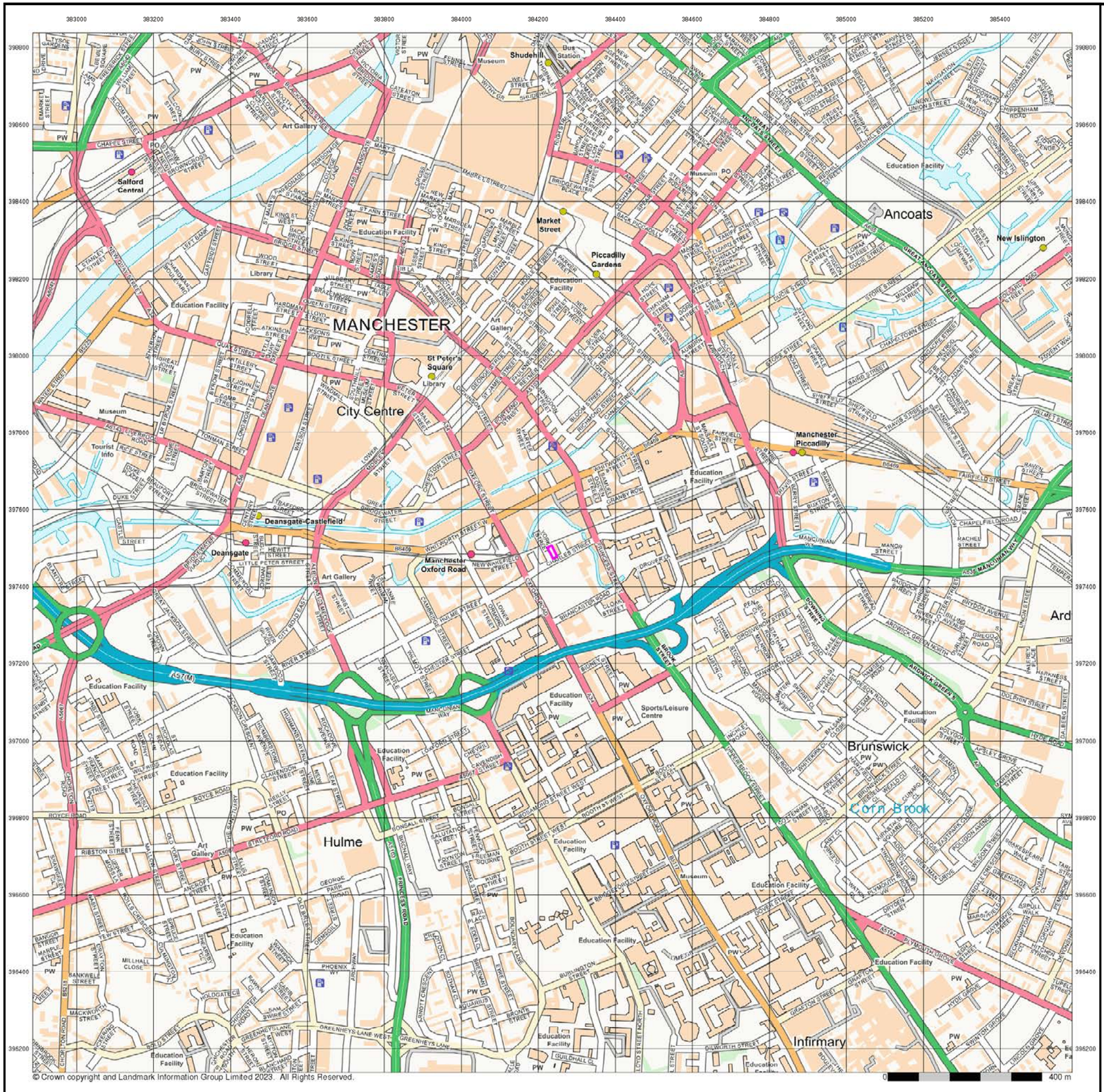
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National Grid Reference:	384240, 397490
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Site Area (Ha):	0.04
Search Buffer (m):	250

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Street View

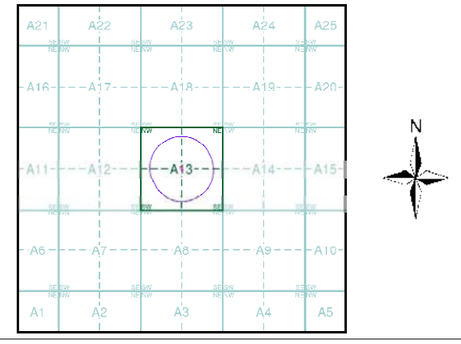
Published 2023

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice A



Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

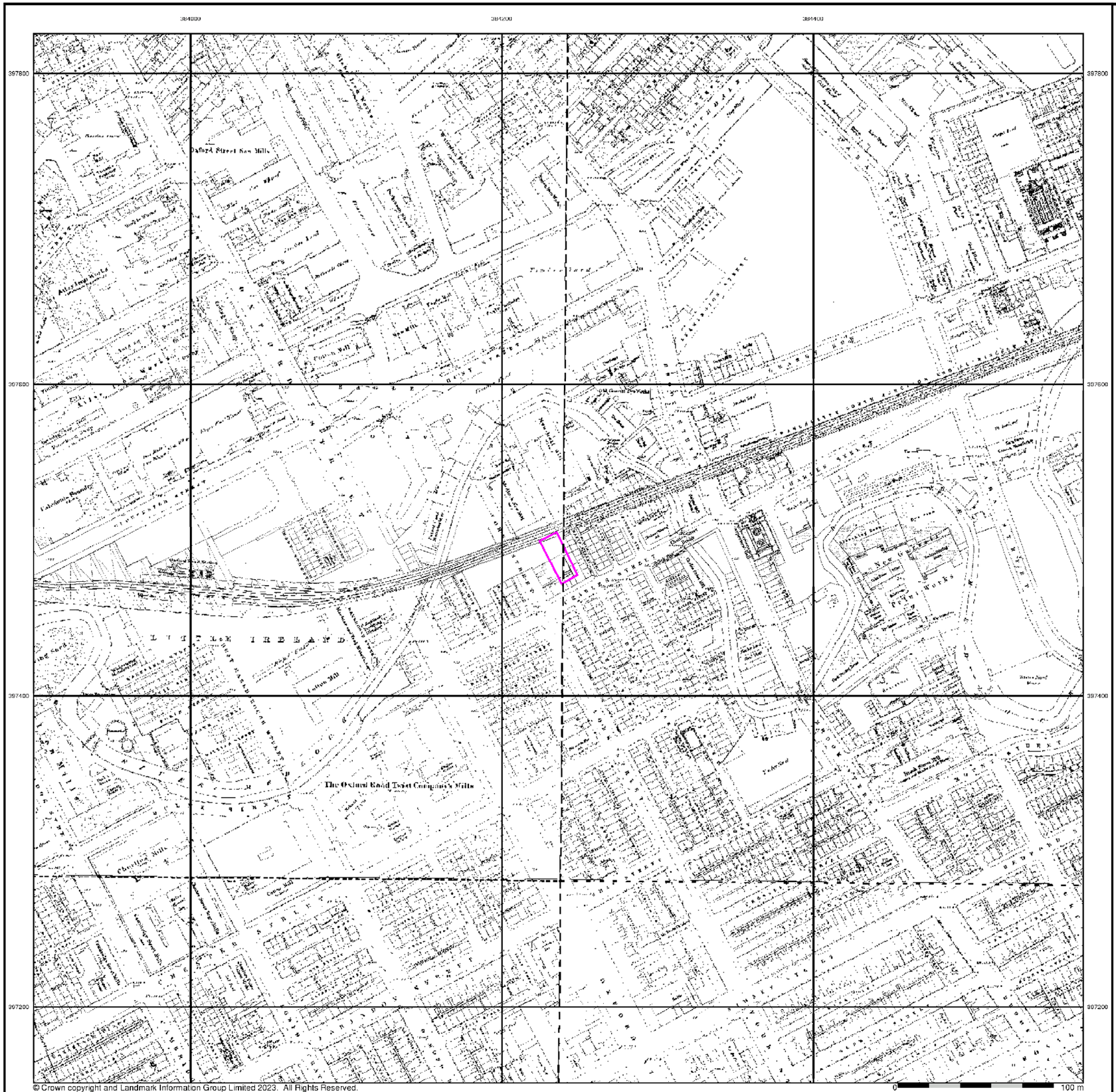
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Appendix B1 Continued

Map Series Name	Published	Source Scale
Lancashire And Furness	1893	1:2,500
Lancashire And Furness	1908	1:2,500
Lancashire And Furness	1932	1:2,500
Ordnance Survey Plan	1948	1:1,250
Ordnance Survey Plan	1950	1:2,500
Ordnance Survey Plan	1951-1964	1:1,250
Ordnance Survey Plan	1955-1956	1:2,500
Ordnance Survey Plan	1962-1973	1:1,250
Ordnance Survey Plan	1965	1:2,500
Ordnance Survey Plan	1969-1988	1:1,250
Ordnance Survey Plan	1970	1:2,500
Additional SIMs	1978-1985	1:1,250
Additional SIMs	1985-1990	1:1,250
Ordnance Survey Plan	1987	1:1,250
Additional SIMs	1987-1990	1:1,250
Additional SIMs	1990	1:1,250
Large-Scale National Grid Data	1992	1:1,250
Large-Scale National Grid Data	1994-1995	1:1,250
Large-Scale National Grid Data	1995	1:1,250
Large-Scale National Grid Data	1996	1:1,250



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Lancashire And Furness

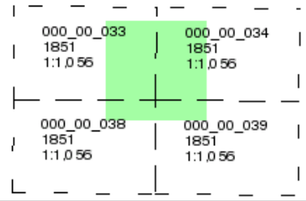
Published 1851

Source map scale - 1:1,056

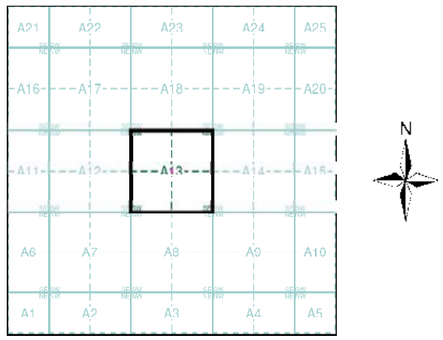
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and altitudes, was undertaken between 1848 and 1850. The majority of the 1:1056 surveys were later replaced by 1:500 surveys; although almost all the remainder were revised at this scale, sometimes more than once before 1895. The type of detail shown on the 1:1056 scale is broadly similar to that on 1:500; the apparent omission of minor details such as sewer access points and street lights may be as much a reflection of the generally earlier date of these plans, as of the specification of the map.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)



Historical Town Plan - Segment A13



Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
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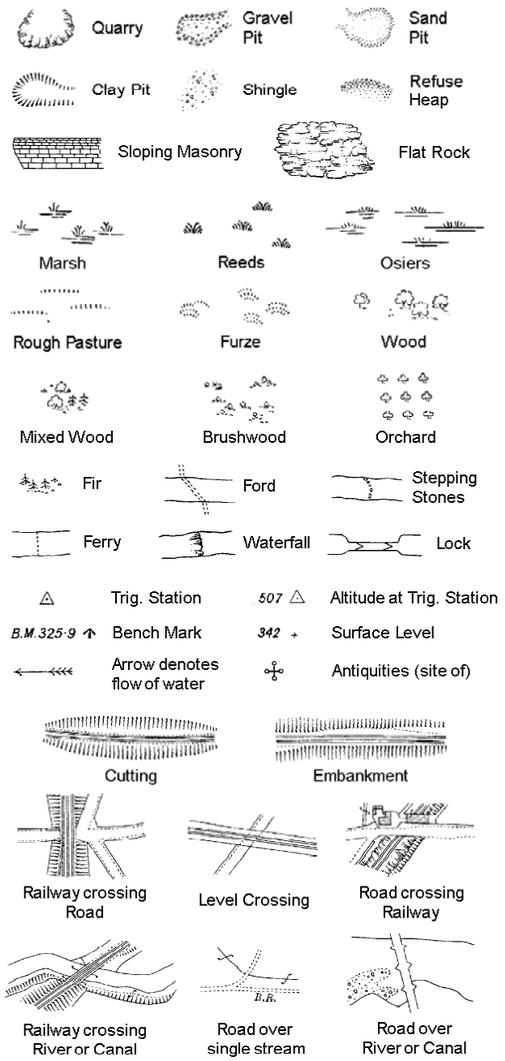
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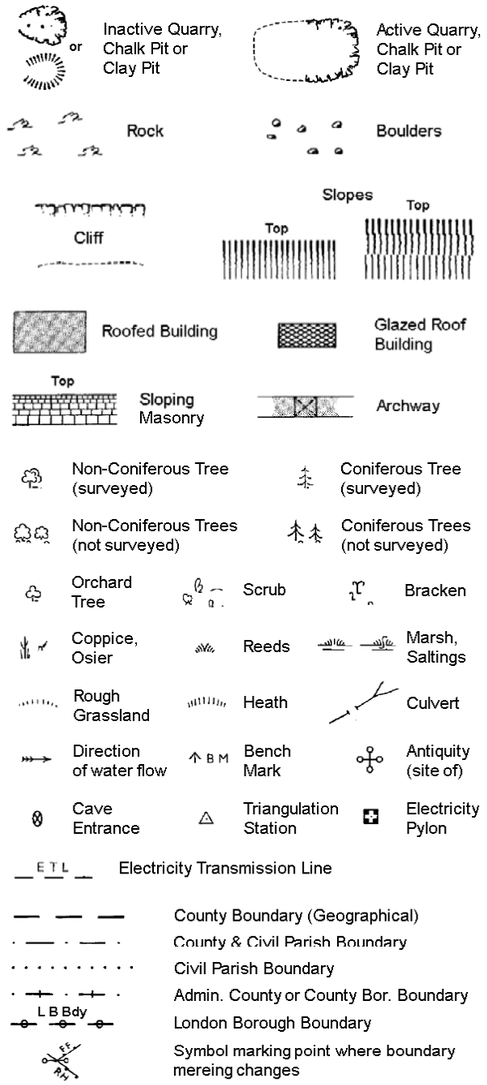
Historical Mapping Legends

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



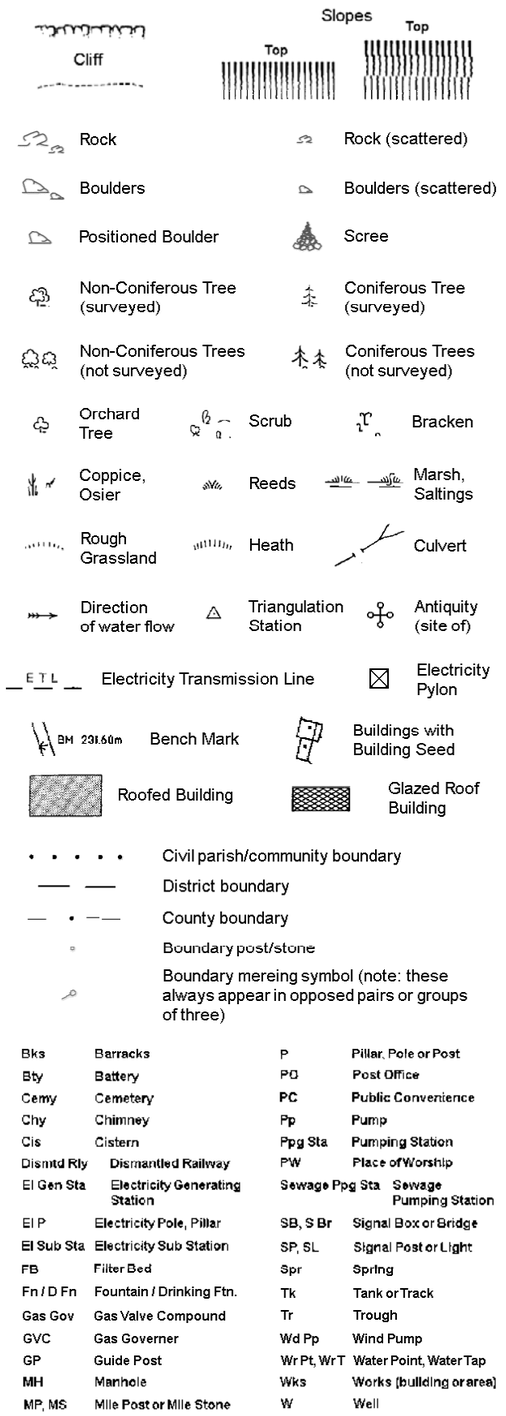
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



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



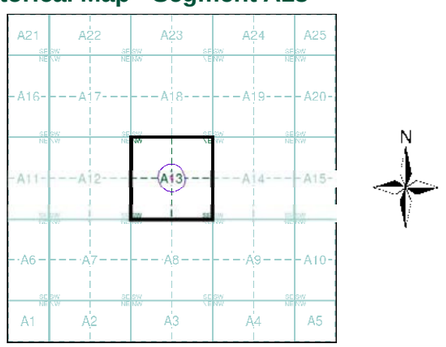
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1932	4
Ordnance Survey Plan	1:1,250	1948	5
Ordnance Survey Plan	1:2,500	1950	6
Ordnance Survey Plan	1:1,250	1951 - 1964	7
Ordnance Survey Plan	1:2,500	1955 - 1956	8
Ordnance Survey Plan	1:1,250	1962 - 1973	9
Ordnance Survey Plan	1:2,500	1965	10
Ordnance Survey Plan	1:1,250	1969 - 1988	11
Ordnance Survey Plan	1:2,500	1970	12
Additional SIMs	1:1,250	1978 - 1985	13
Additional SIMs	1:1,250	1985 - 1990	14
Ordnance Survey Plan	1:1,250	1987	15
Additional SIMs	1:1,250	1987 - 1990	16
Additional SIMs	1:1,250	1990	17
Large-Scale National Grid Data	1:1,250	1992	18
Large-Scale National Grid Data	1:1,250	1994 - 1995	19
Large-Scale National Grid Data	1:1,250	1995	20
Large-Scale National Grid Data	1:1,250	1996	21

Historical Map - Segment A13



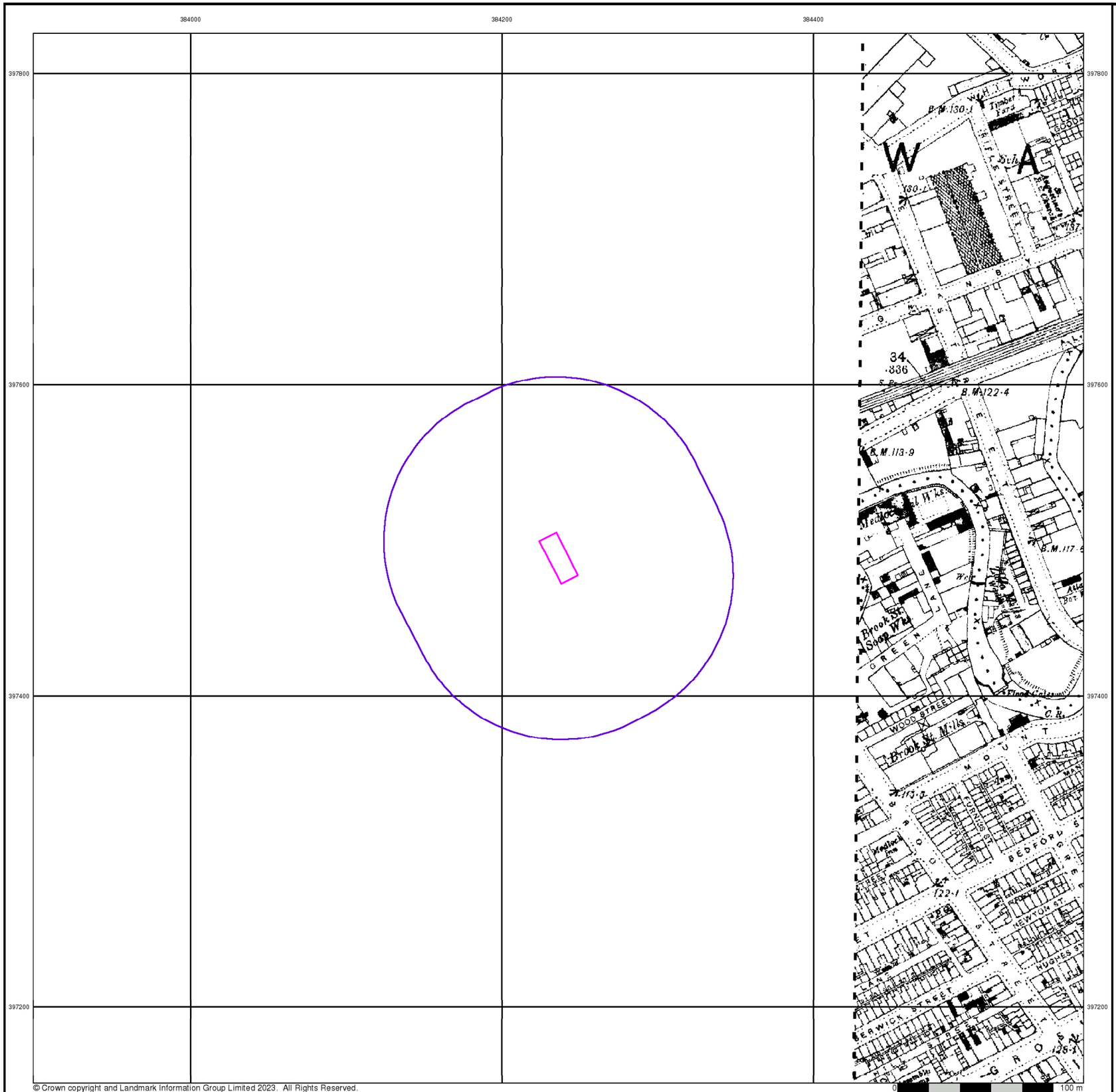
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Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

Paint Pots Nursery, Bracken House, Charles Street, MANCHESTER, M1 7BD

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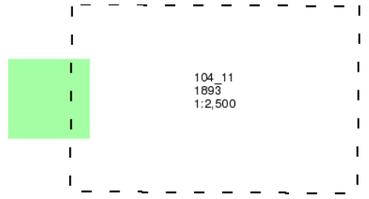
Lancashire And Furness

Published 1893

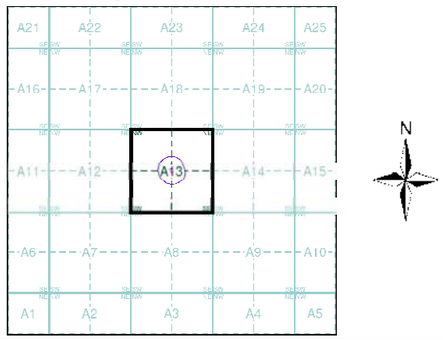
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



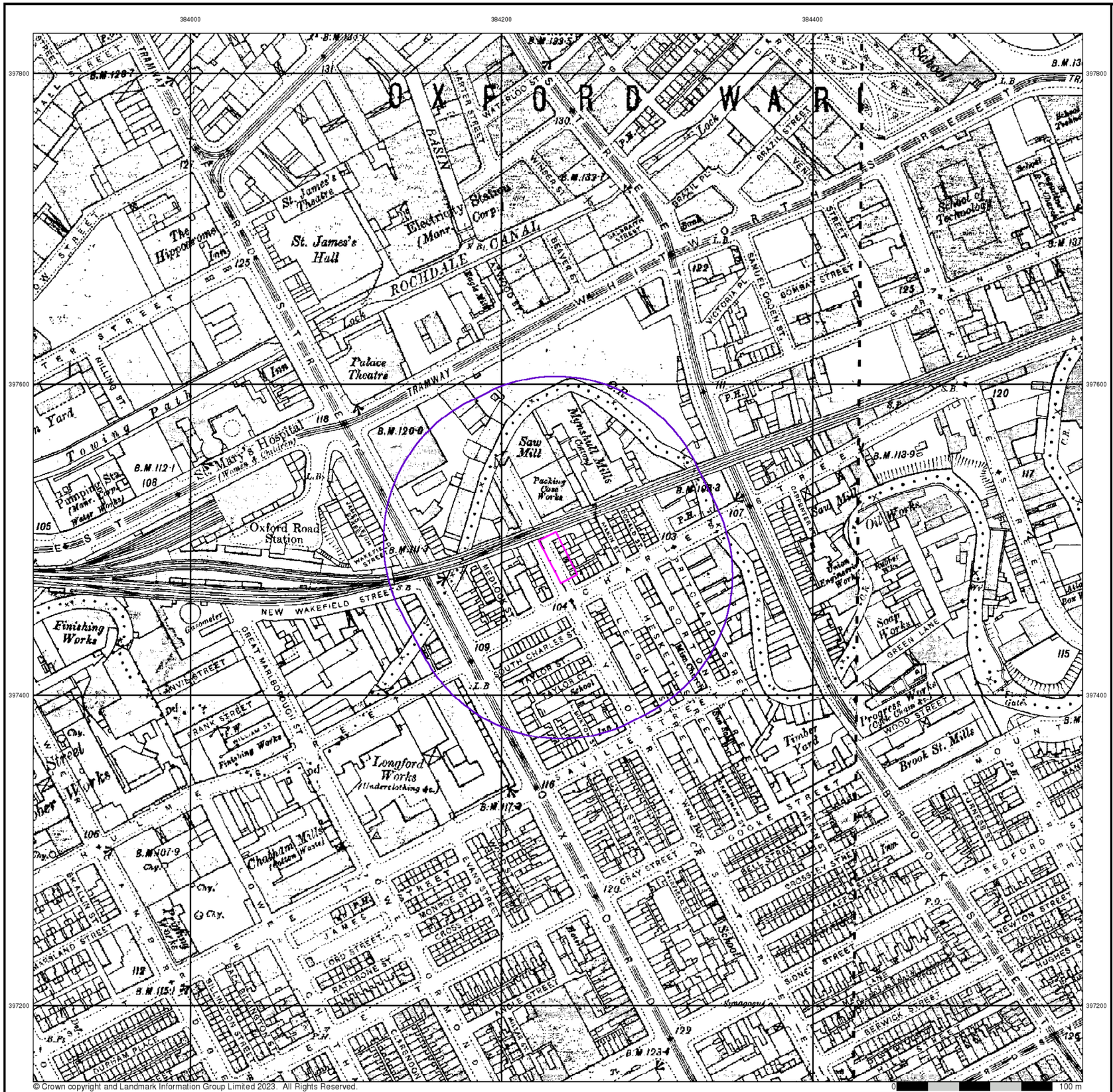
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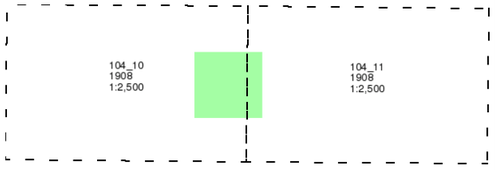
Lancashire And Furness

Published 1908

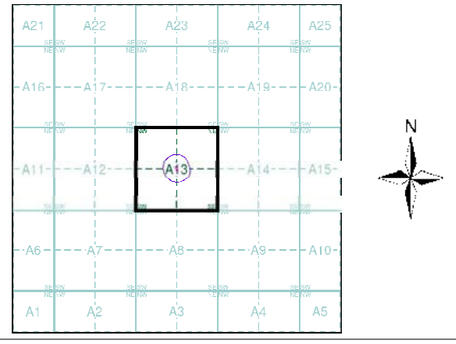
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Map Name(s) and Date(s)



Historical Map - Segment A13



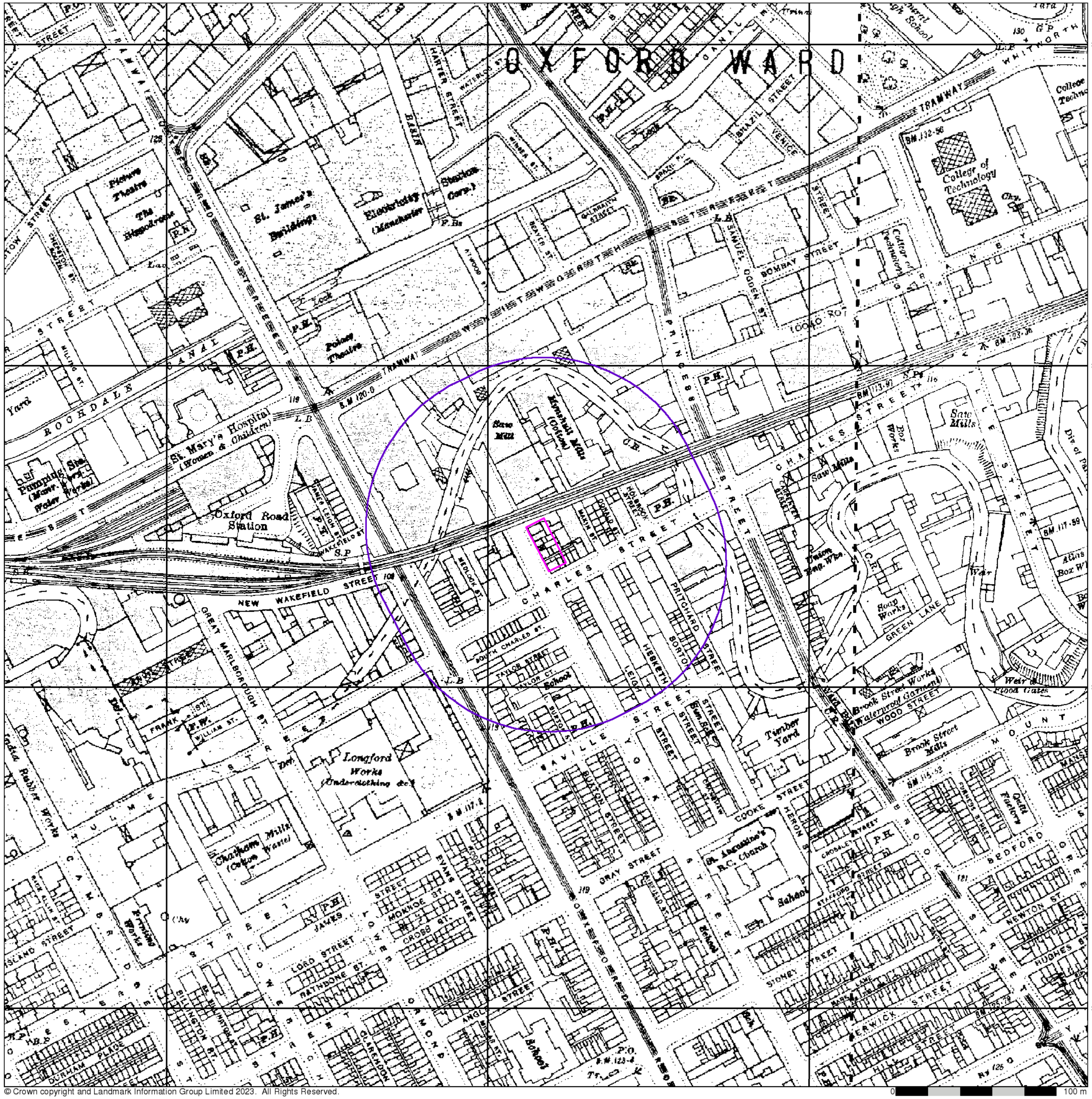
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Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

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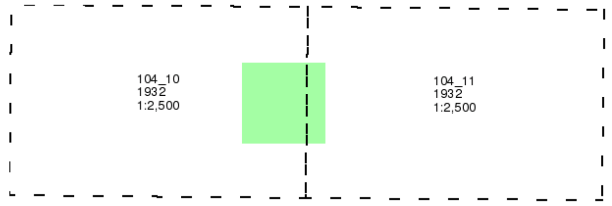
Lancashire And Furness

Published 1932

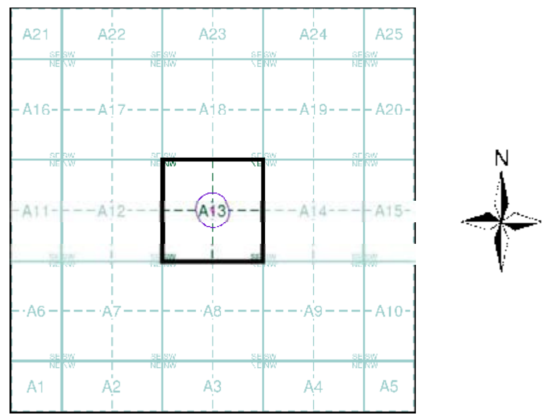
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

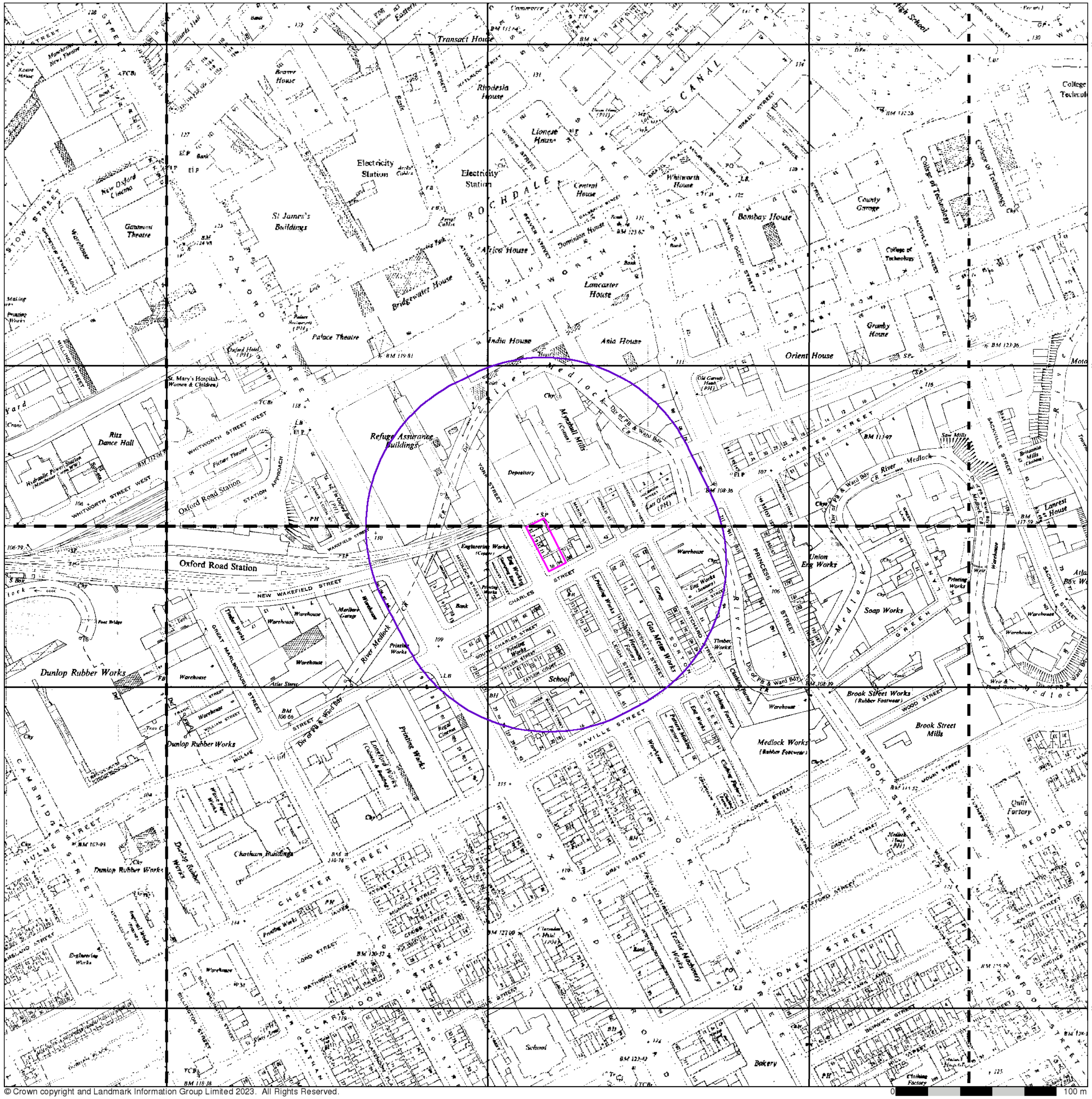
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Ordnance Survey Plan

Published 1948

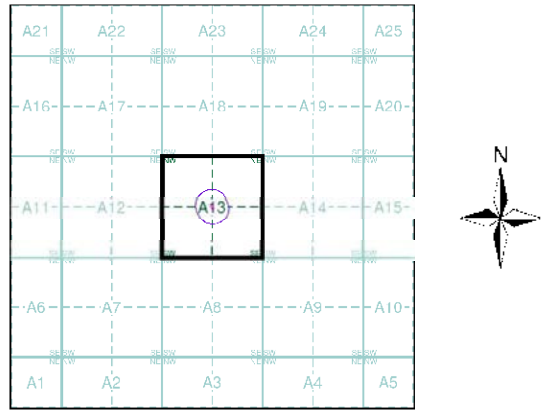
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SJ8397NE 1948 1:1,250	SJ8497NW 1948 1:1,250	SJ8497NE 1948 1:1,250
SJ8397SE 1948 1:1,250	SJ8497SW 1948 1:1,250	SJ8497SE 1948 1:1,250

Historical Map - Segment A13



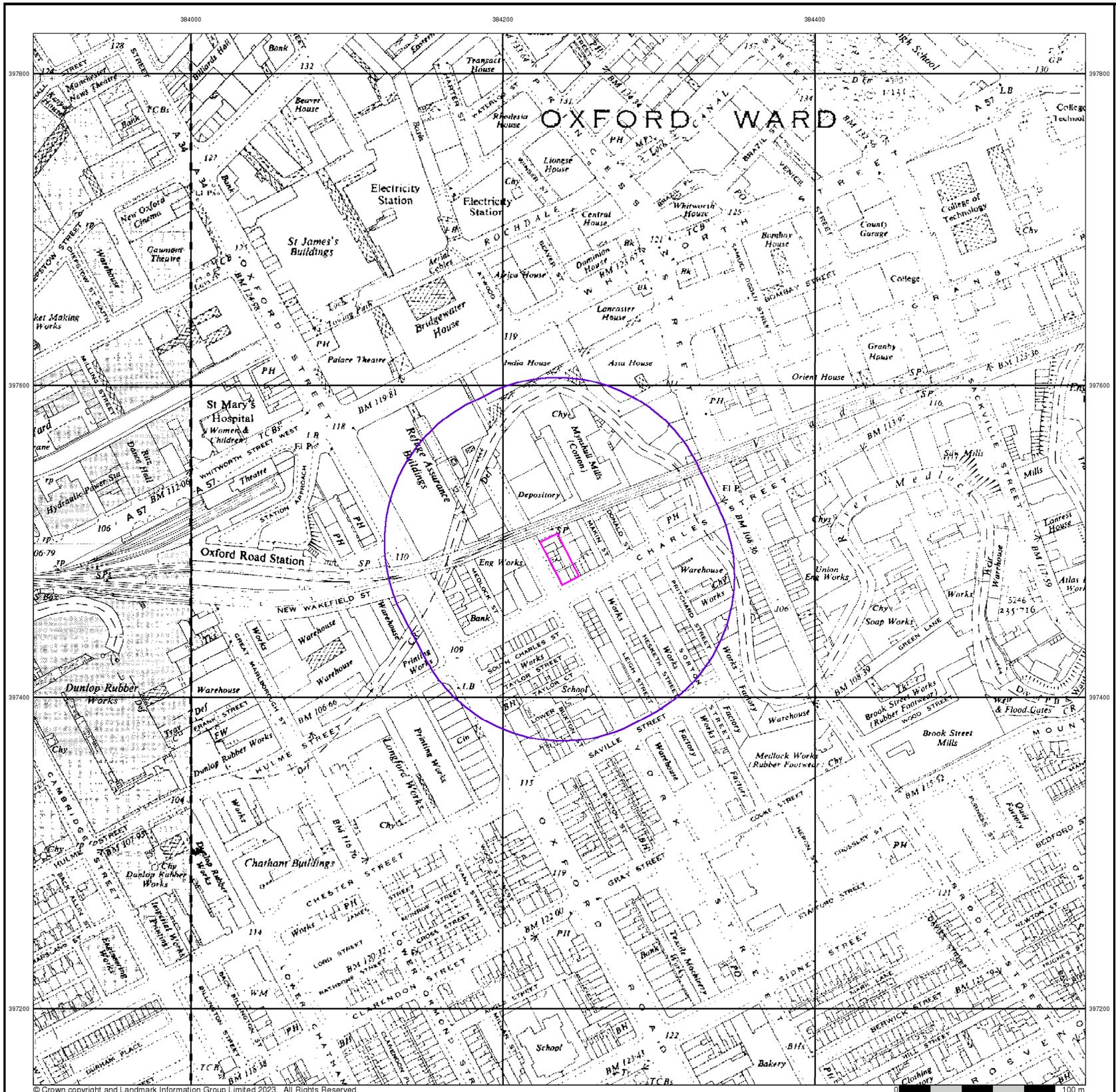
Order Details

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Customer Ref: 6134 VCM
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Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 100

Site Details

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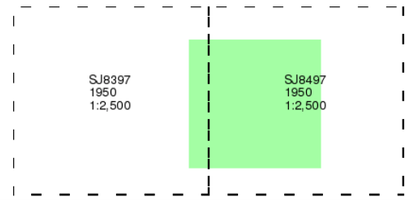
Ordnance Survey Plan

Published 1950

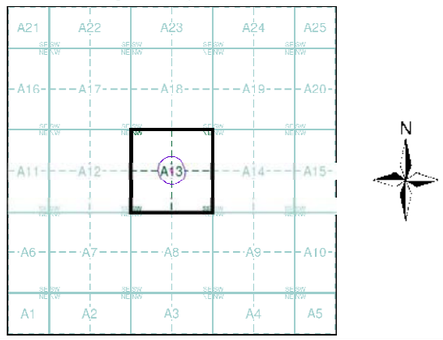
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



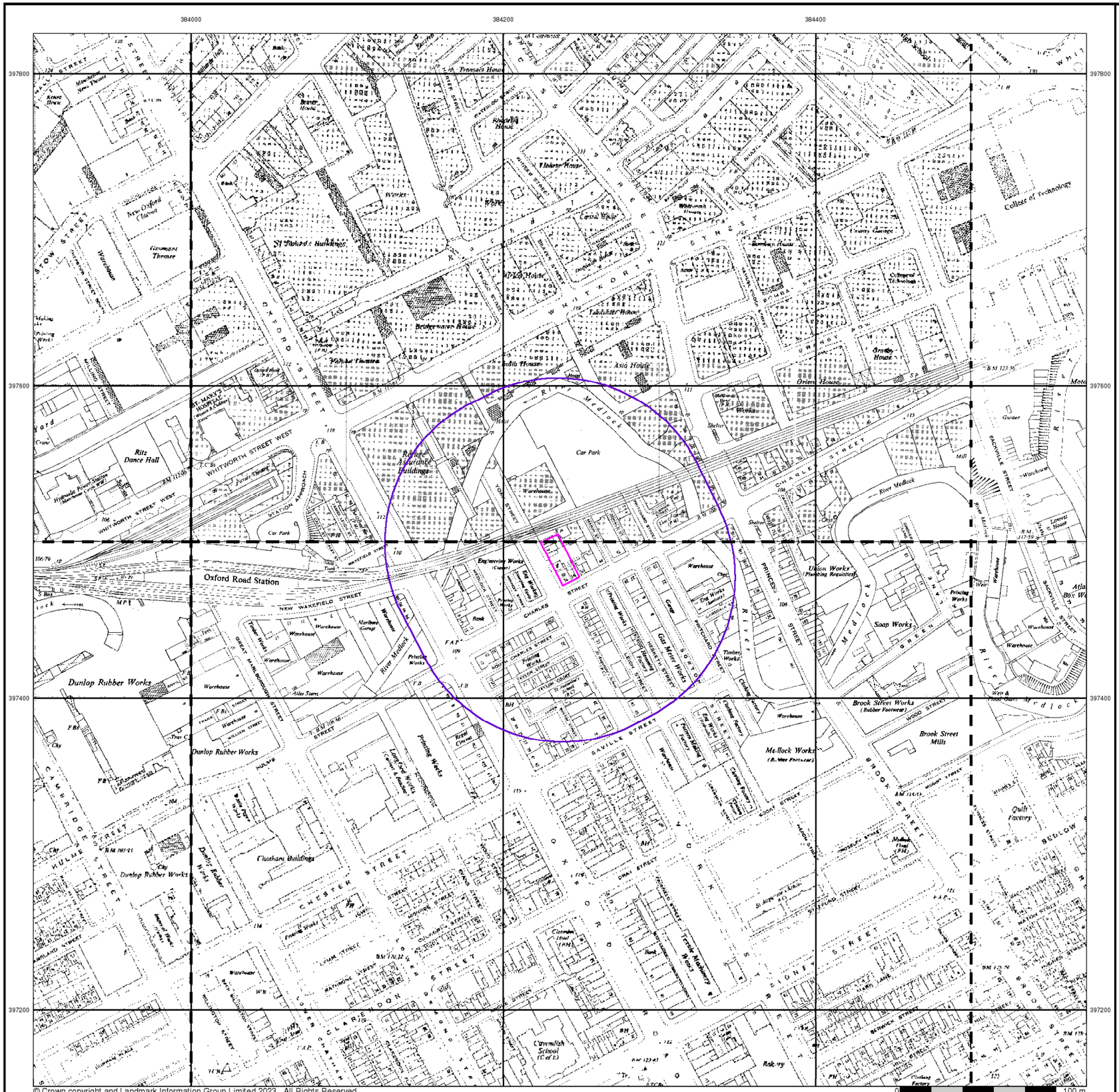
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Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

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0 100 m

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Ordnance Survey Plan

Published 1951 - 1964

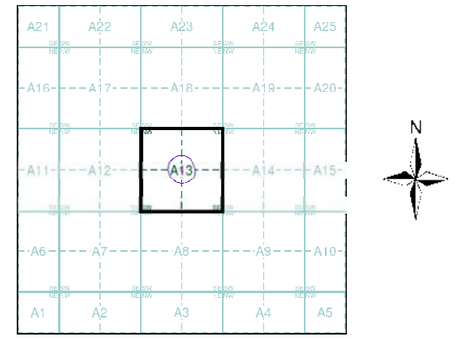
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8397NE 1951 1:1,250	SJ8497NW 1964 1:1,250	SJ8497NE 1954 1:1,250
SJ8397SE 1954 1:1,250	SJ8497SW 1954 1:1,250	SJ8497SE 1955 1:1,250

Historical Map - Segment A13



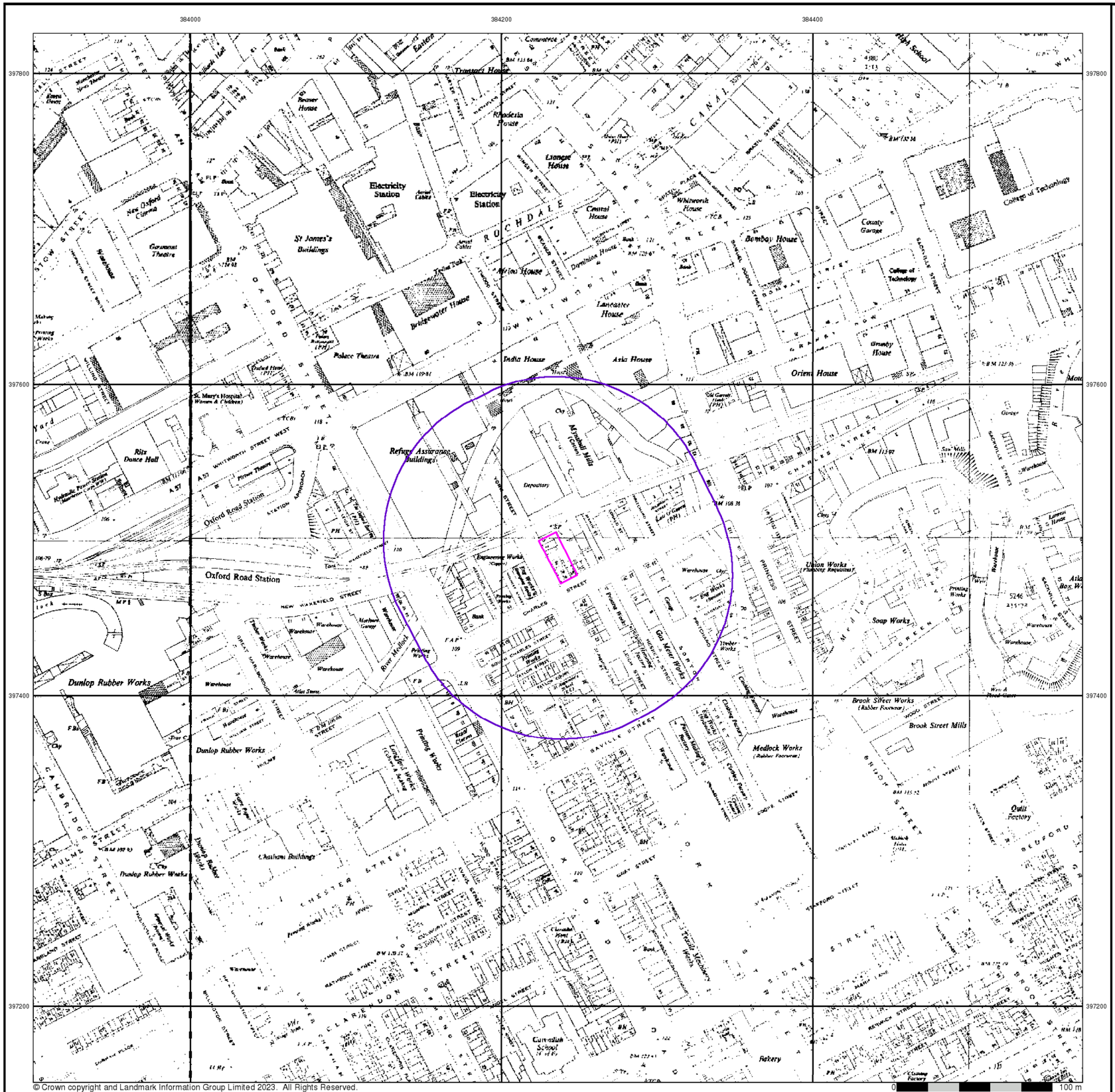
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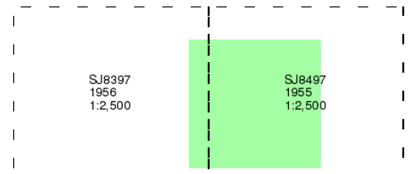
Ordnance Survey Plan

Published 1955 - 1956

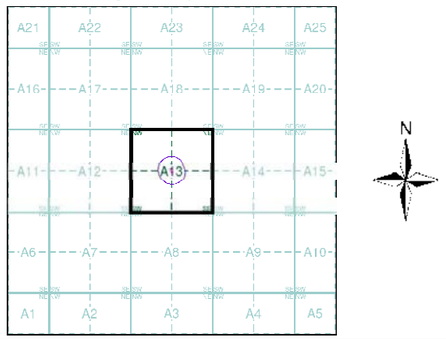
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



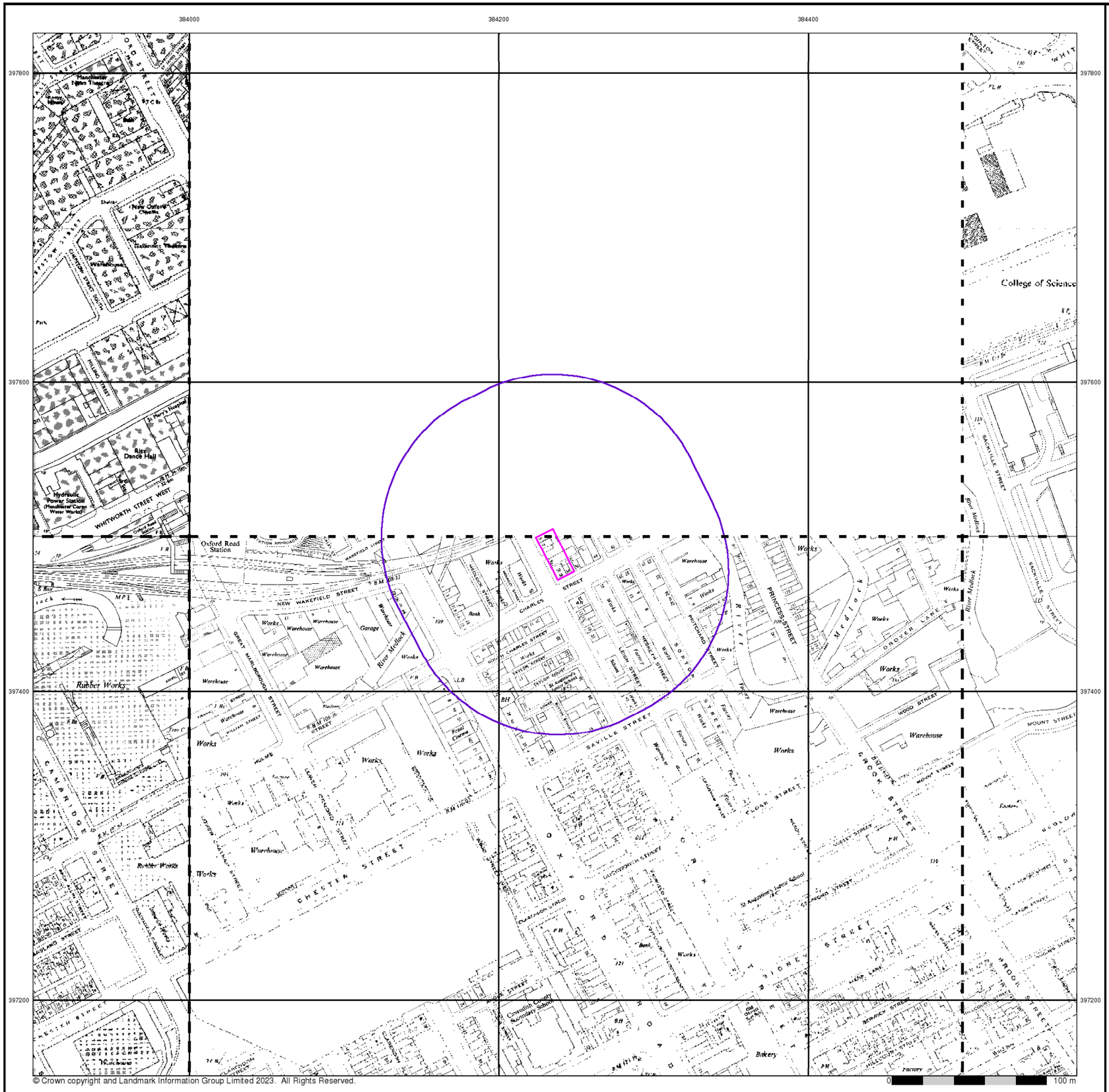
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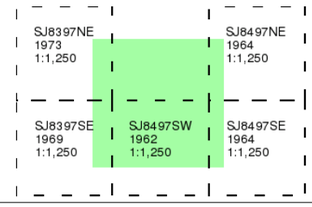
Ordnance Survey Plan

Published 1962 - 1973

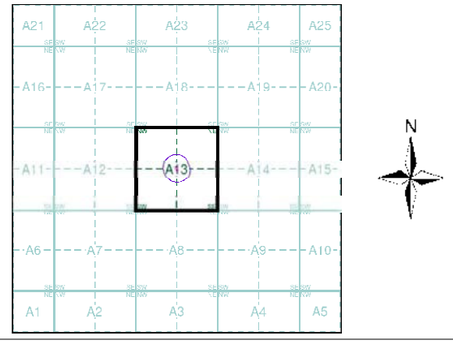
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



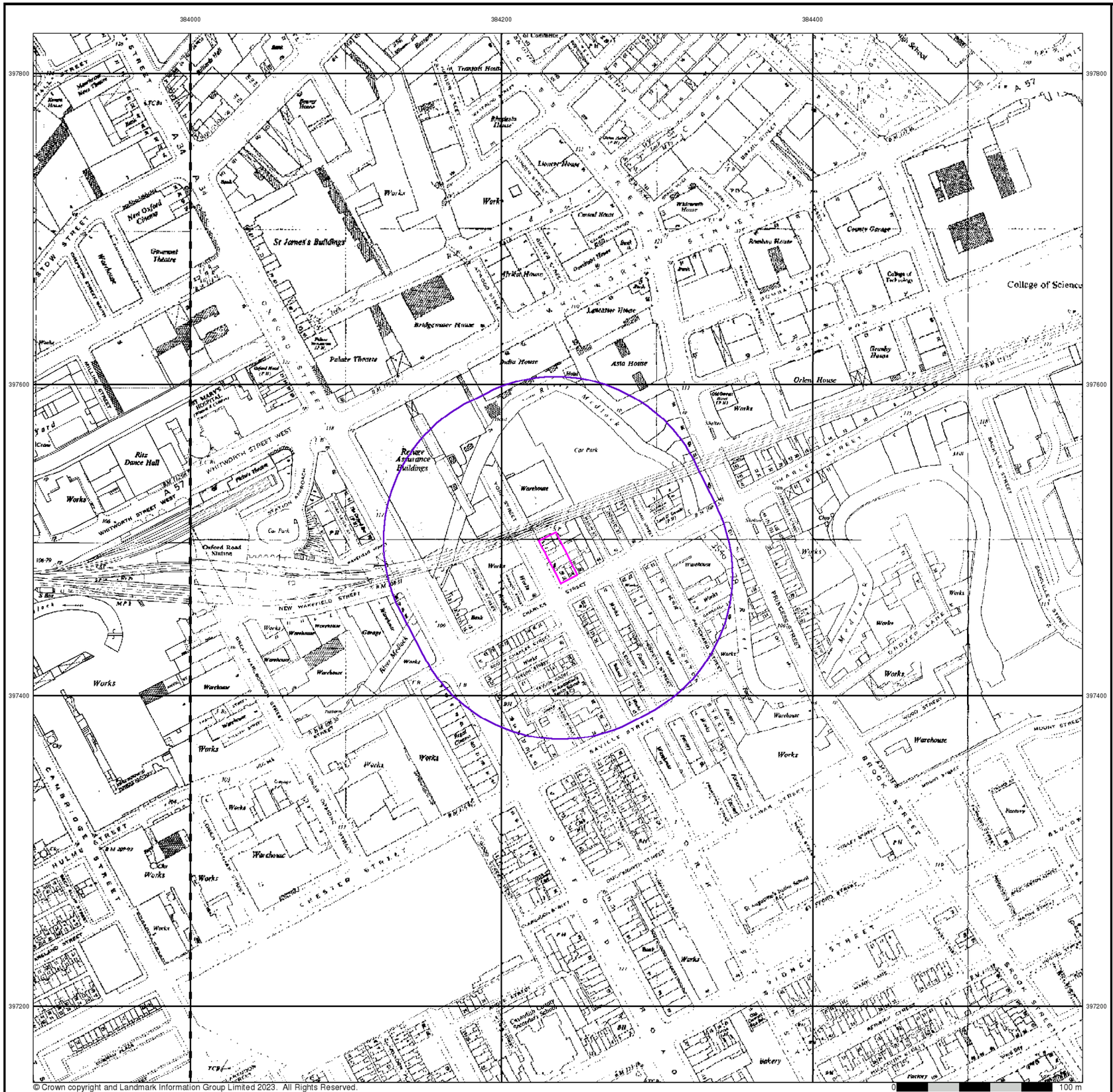
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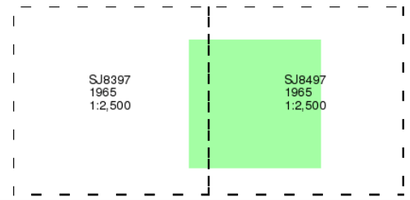
Ordnance Survey Plan

Published 1965

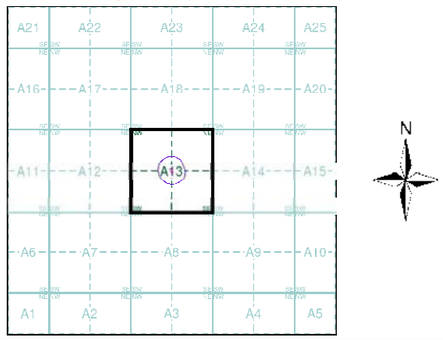
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13

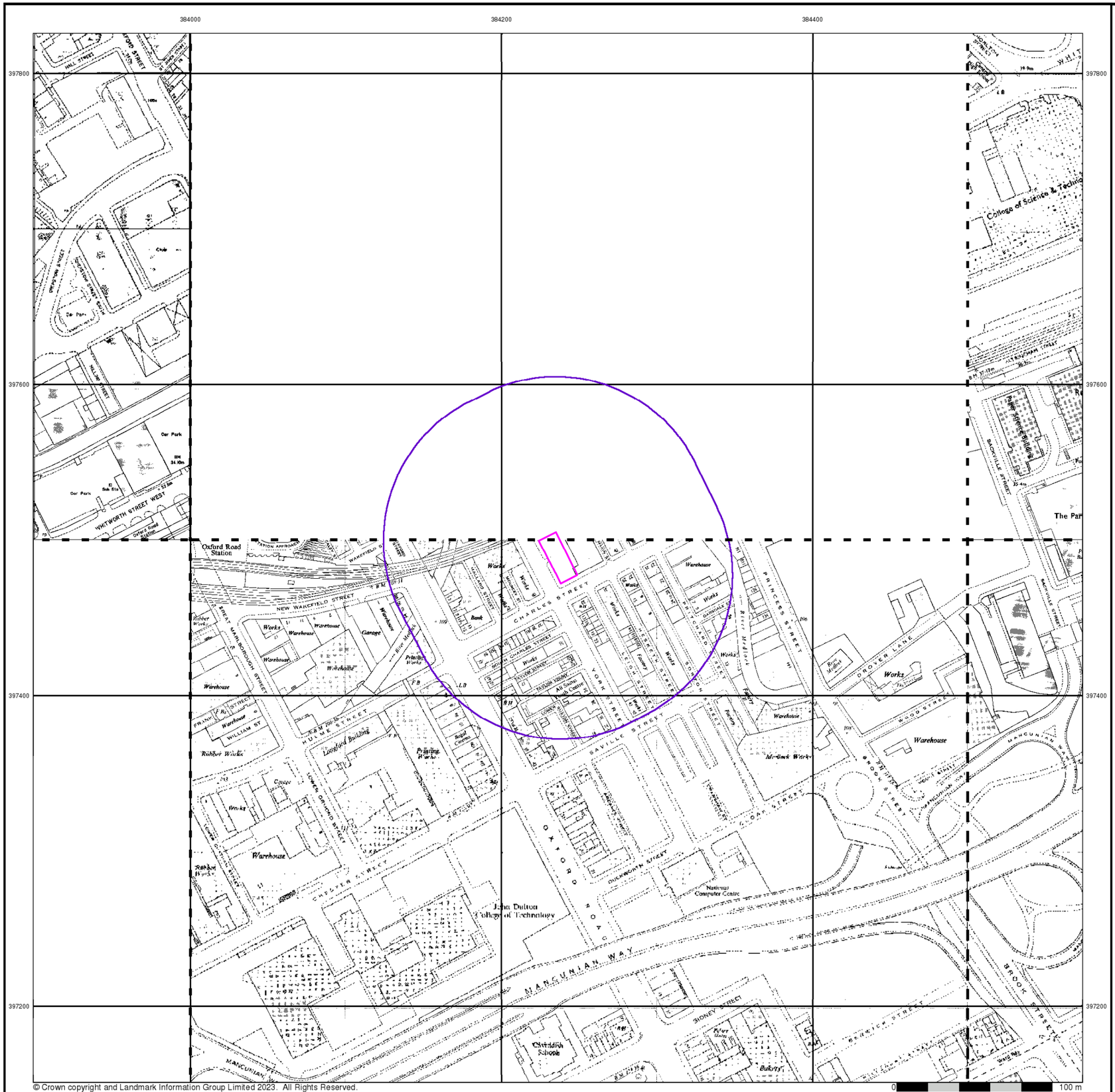


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Slice:	A
Site Area (Ha):	0.04
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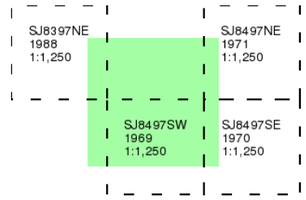
Ordnance Survey Plan

Published 1969 - 1988

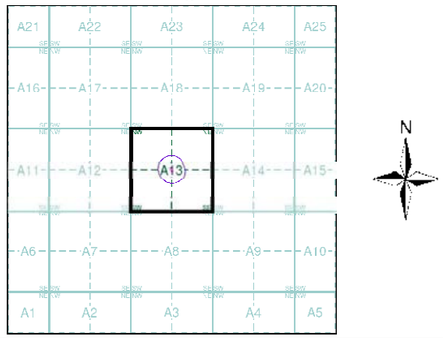
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



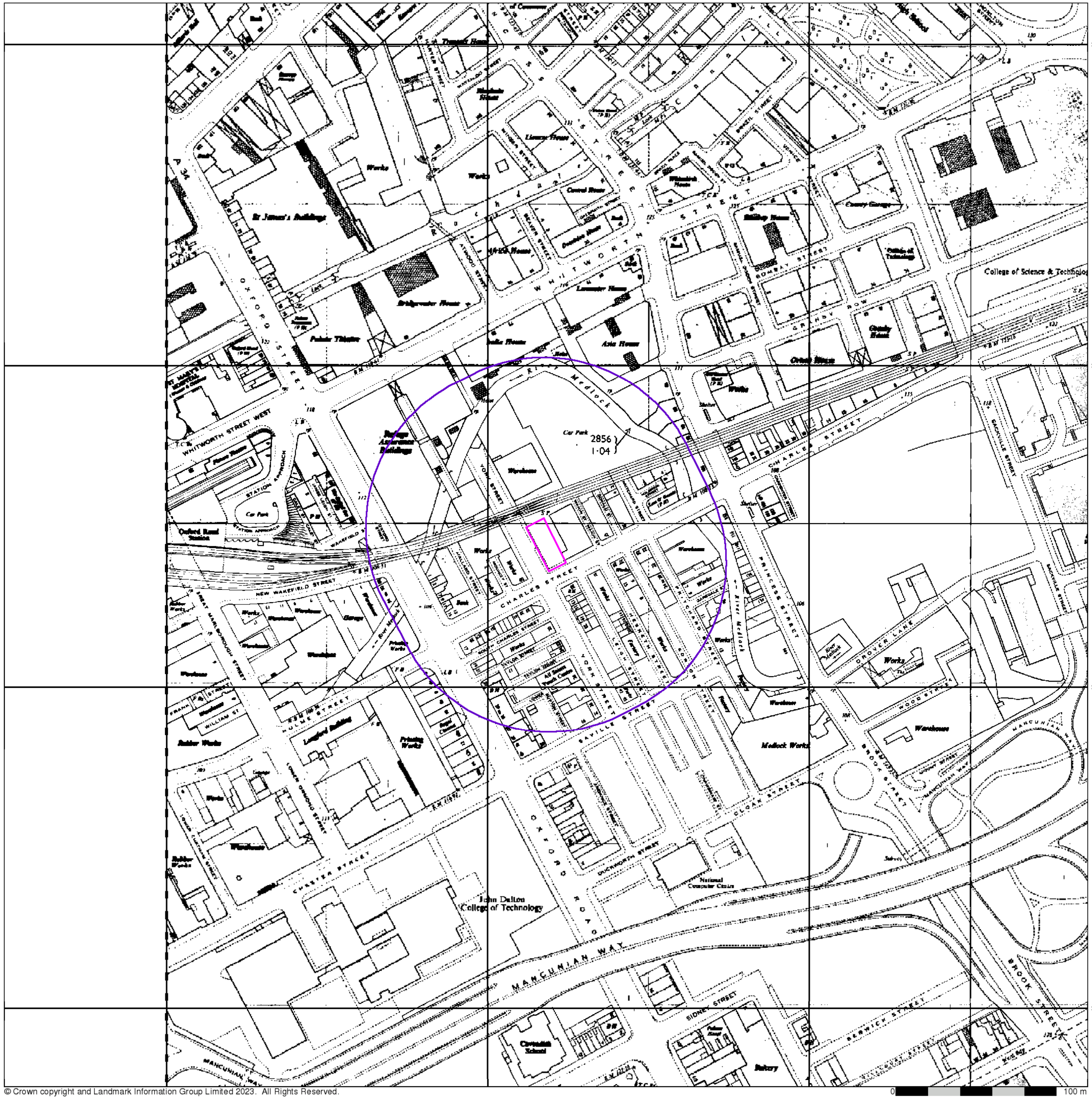
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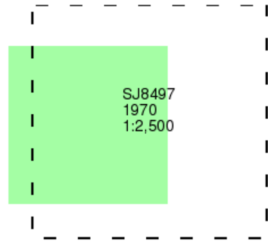
Ordnance Survey Plan

Published 1970

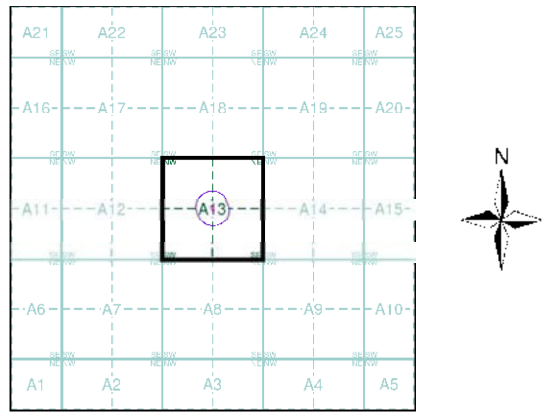
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



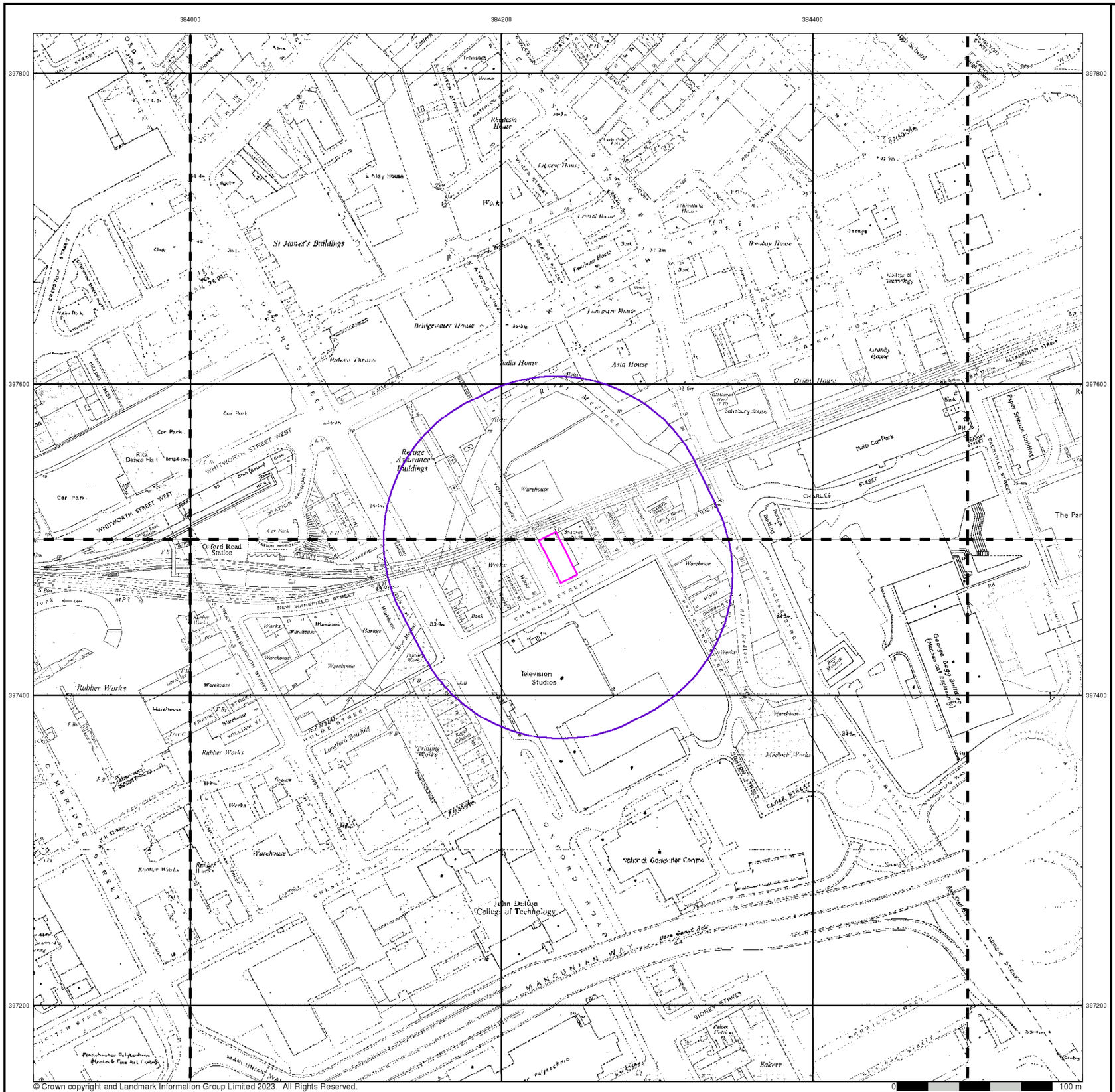
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National Grid Reference: 384240, 397490
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Additional SIMs

Published 1978 - 1985

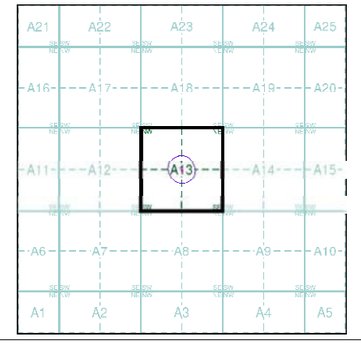
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SJ8397NE 1985 1:1,250	SJ8497NW 1985 1:1,250	SJ8497NE 1984 1:1,250
SJ8397SE 1980 1:1,250	SJ8497SW 1978 1:1,250	SJ8497SE 1984 1:1,250

Historical Map - Segment A13



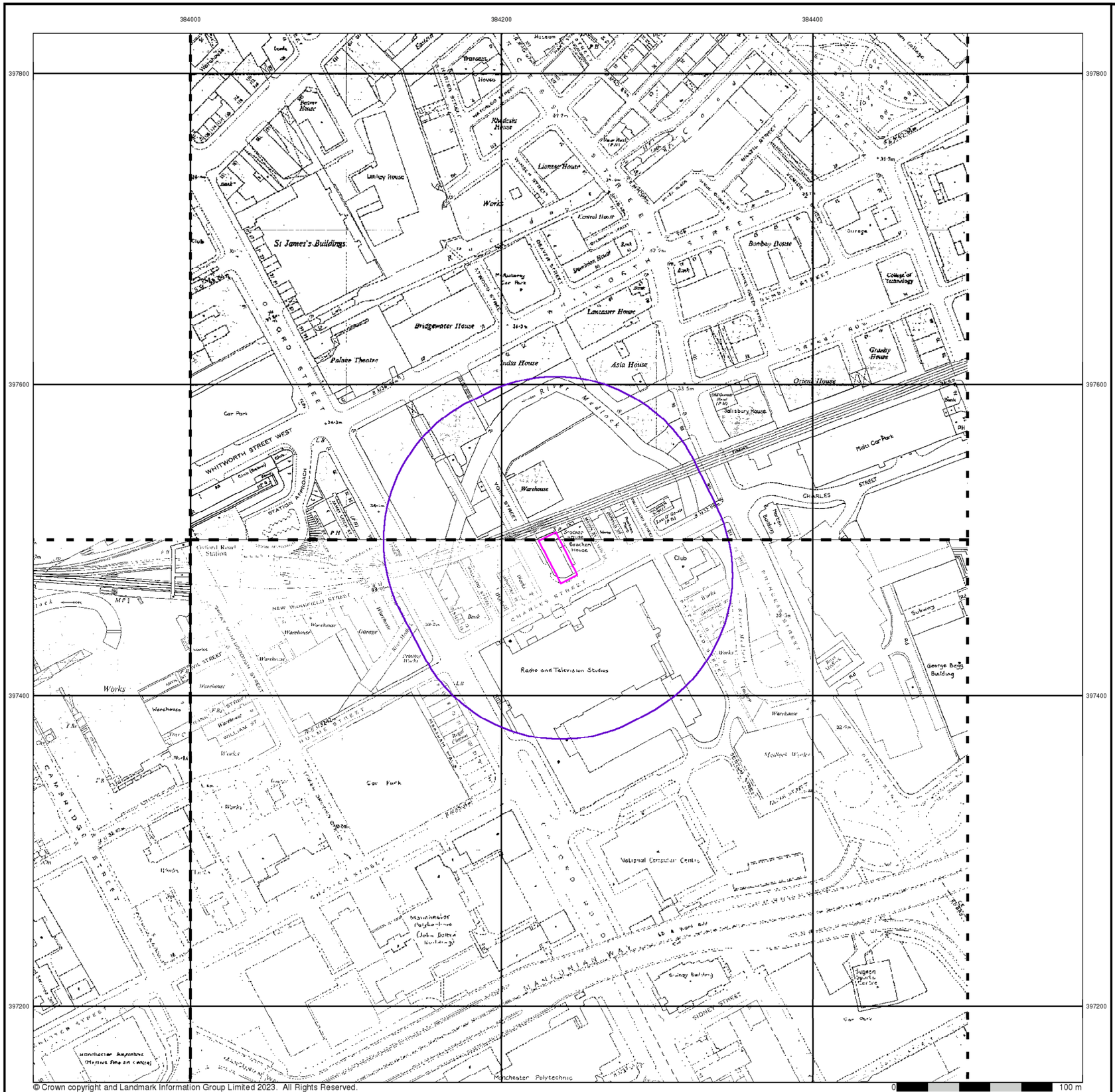
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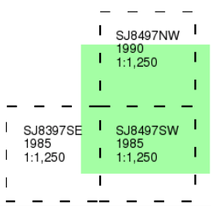
Additional SIMs

Published 1985 - 1990

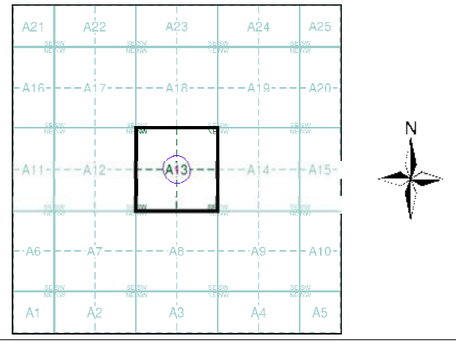
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



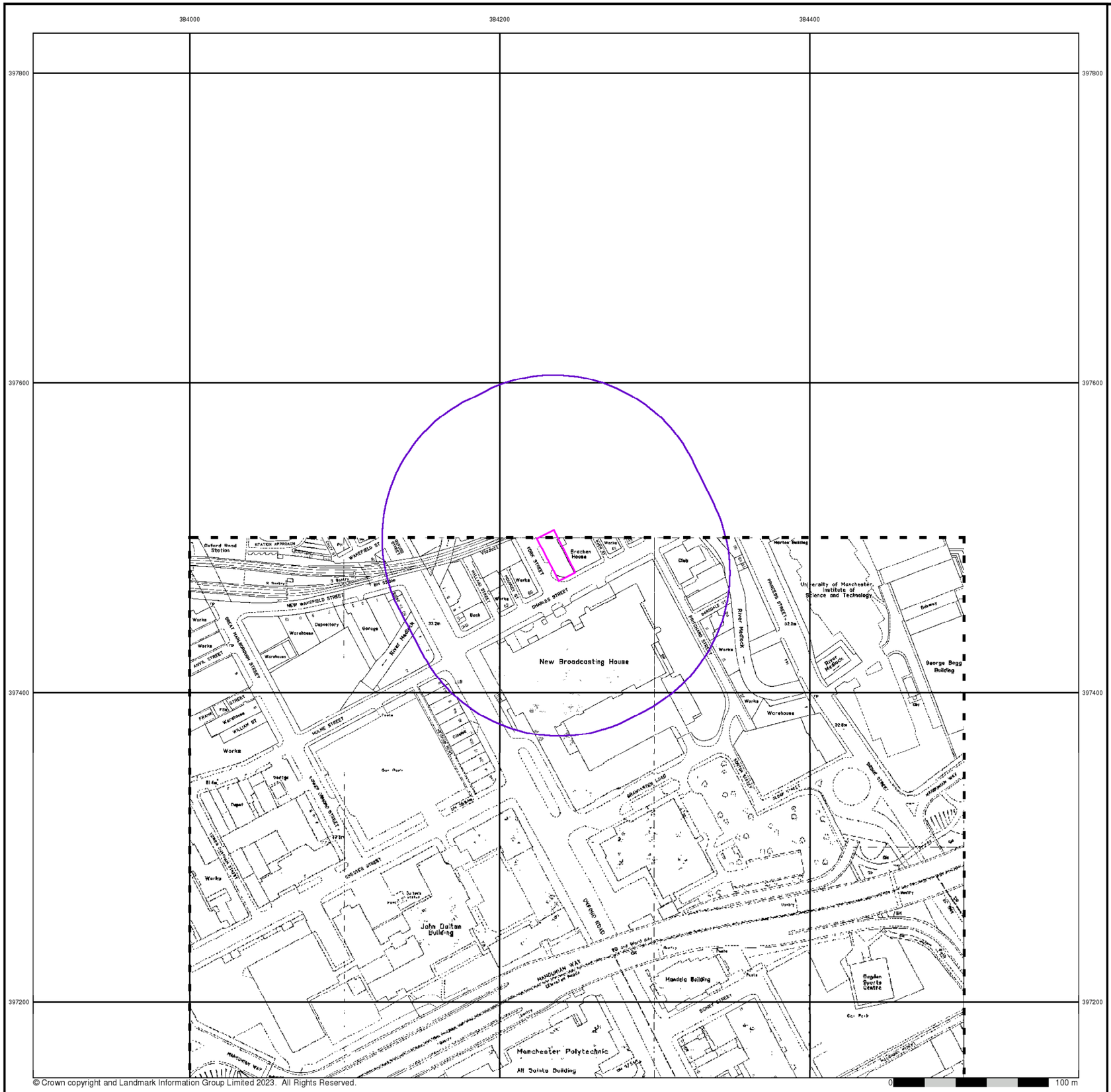
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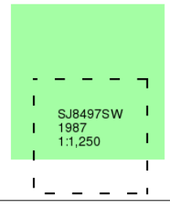
Ordnance Survey Plan

Published 1987

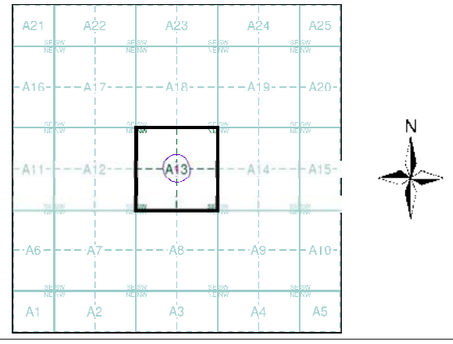
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Historical Map - Segment A13

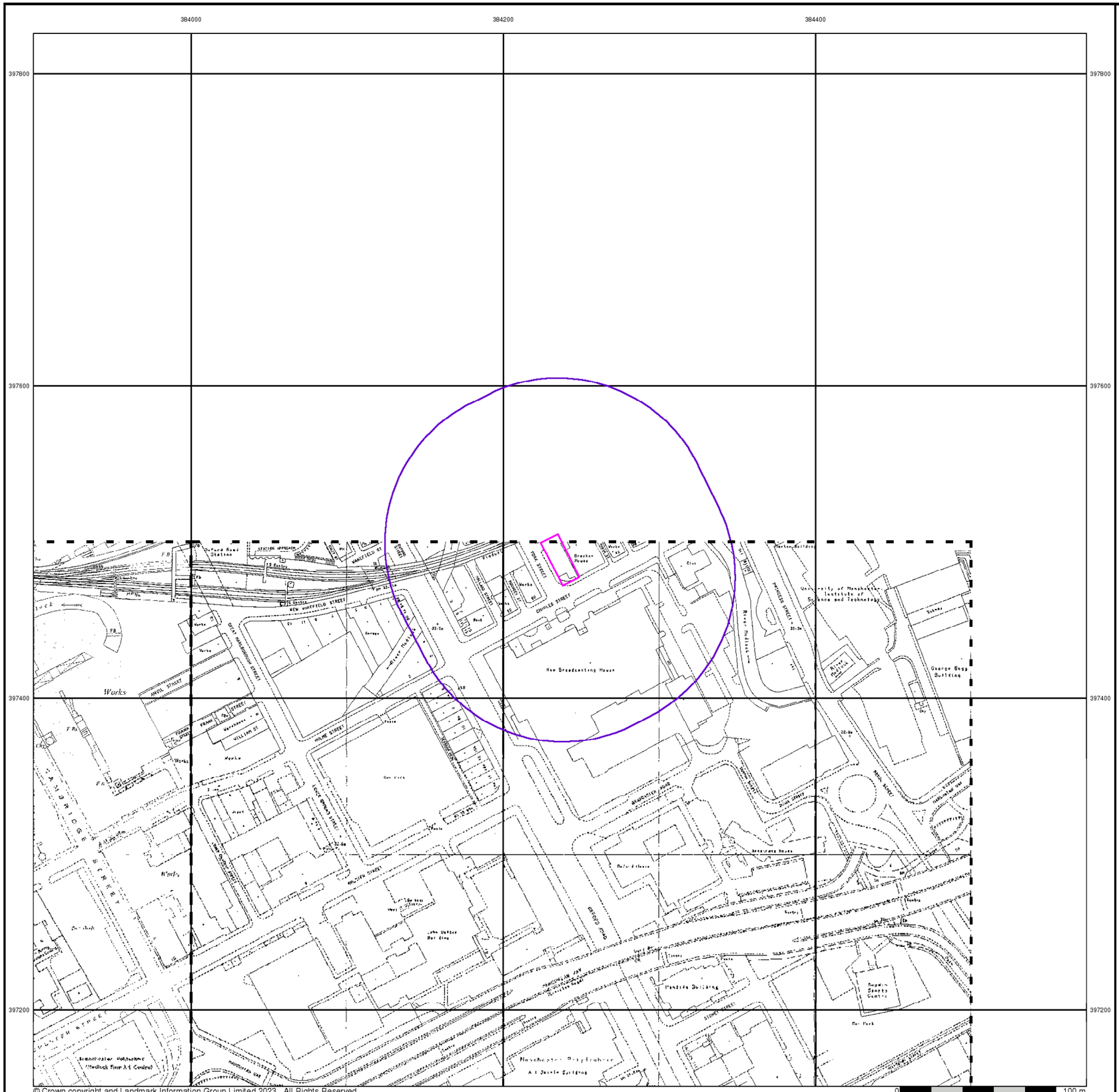


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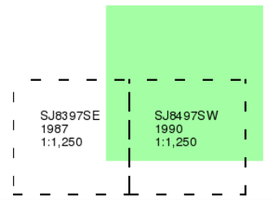
Additional SIMs

Published 1987 - 1990

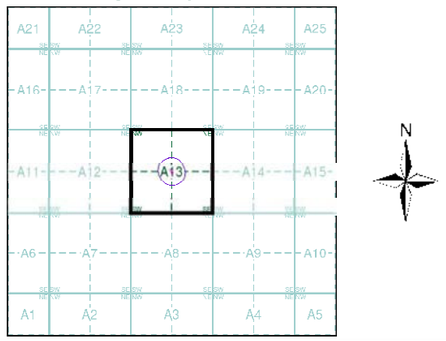
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13

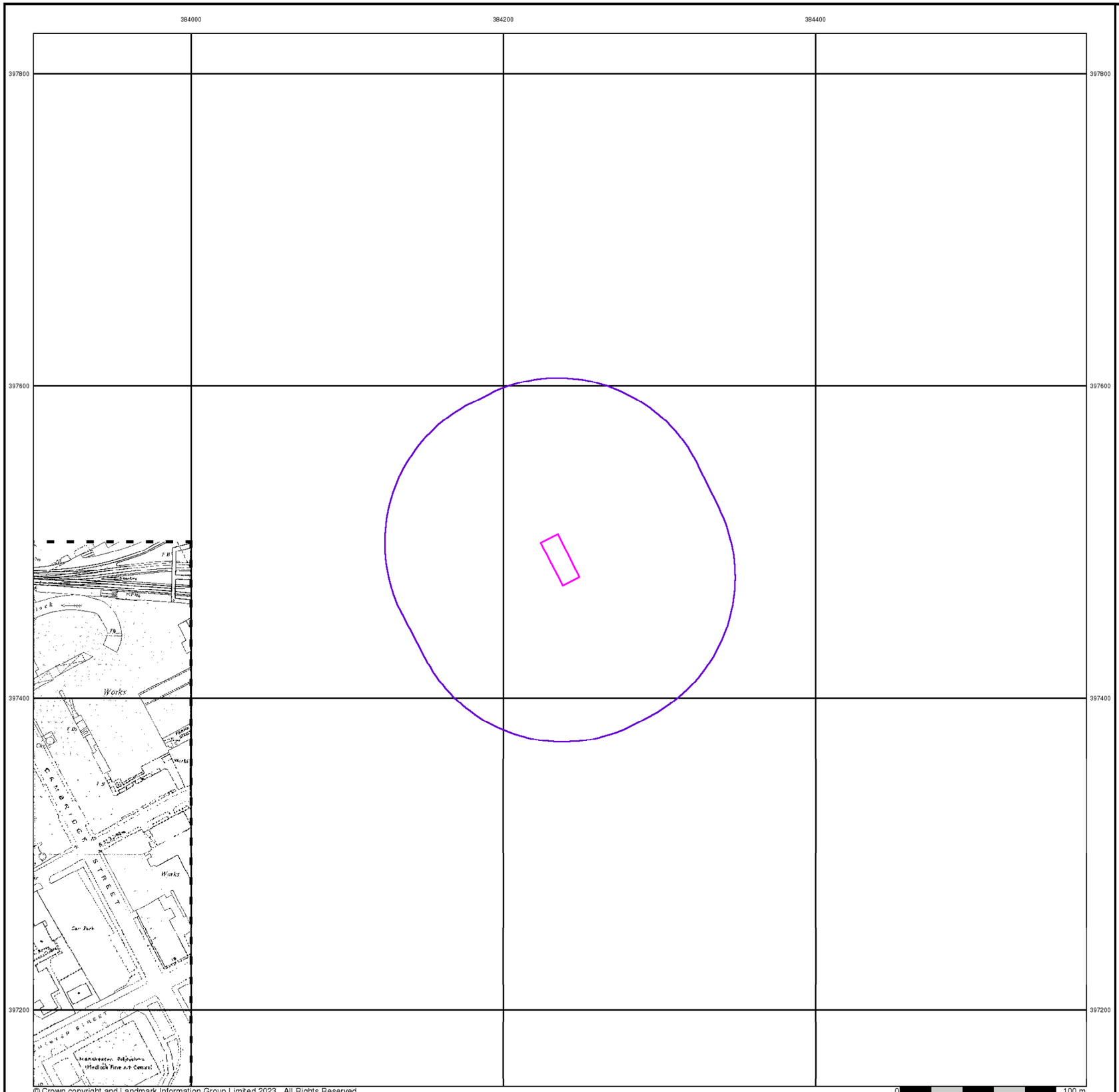


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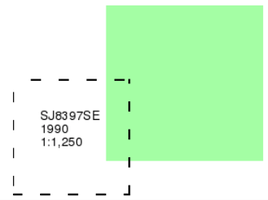
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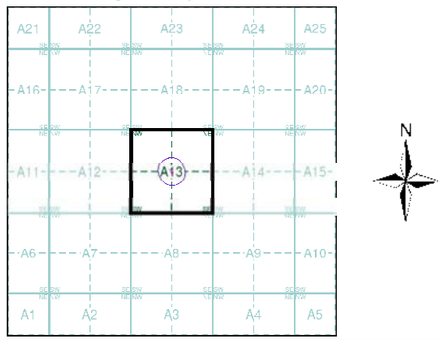
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Map Name(s) and Date(s)



Historical Map - Segment A13



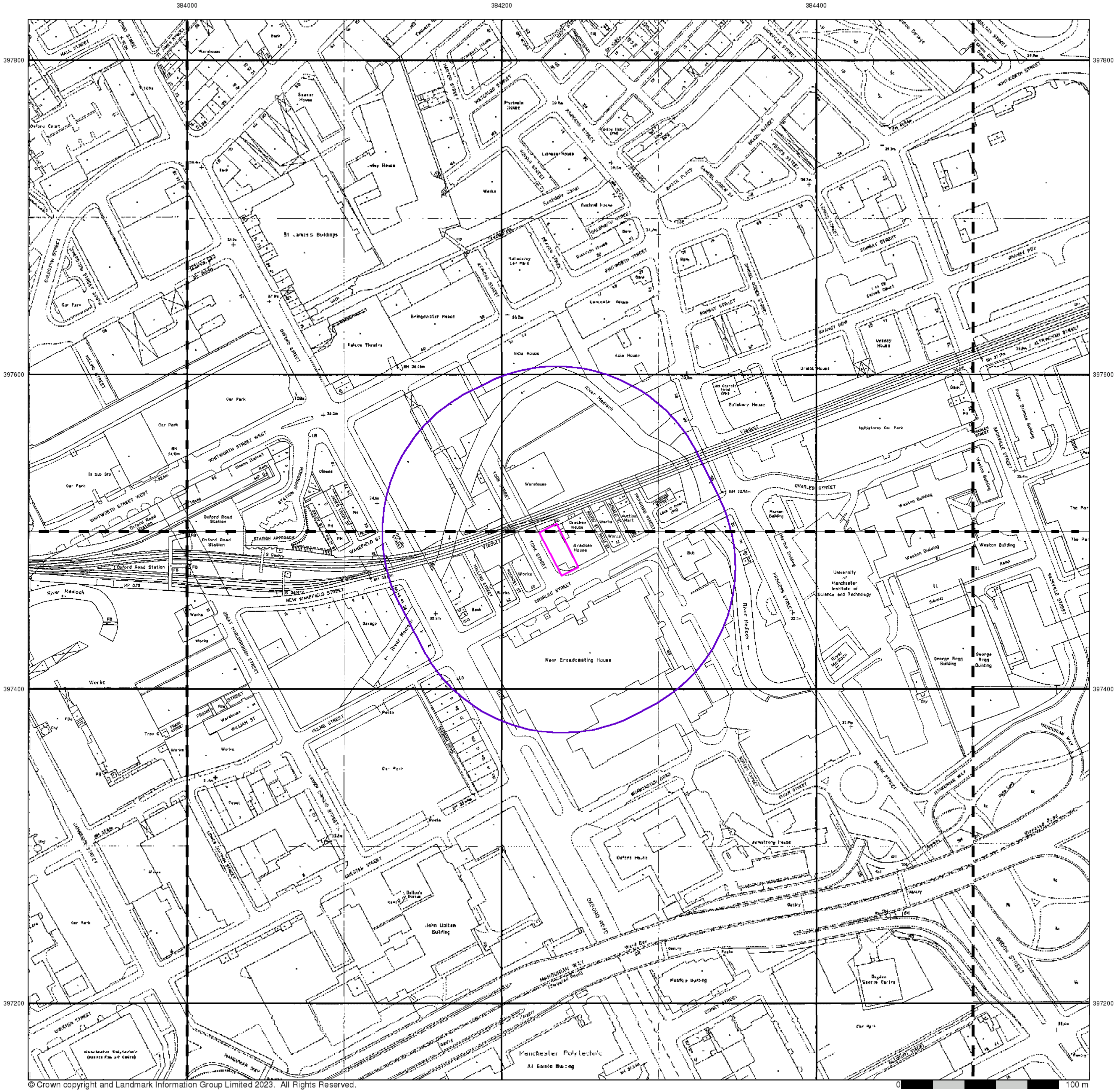
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Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

Paint Pots Nursery, Bracken House, Charles Street, MANCHESTER, M1 7BD

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Large-Scale National Grid Data

Published 1992

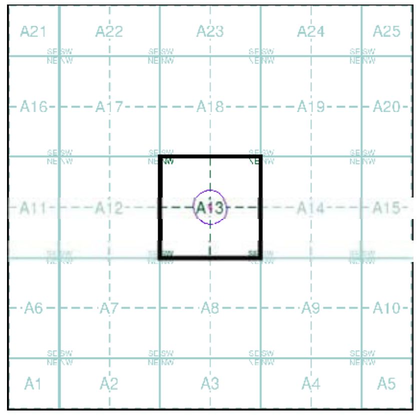
Source map scale - 1:1,250

'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)

SJ8397NE 1992 1:1,250	SJ8497NW 1992 1:1,250	SJ8497NE 1992 1:1,250
SJ8397SE 1992 1:1,250	SJ8497SW 1992 1:1,250	SJ8497SE 1992 1:1,250

Historical Map - Segment A13





Order Details

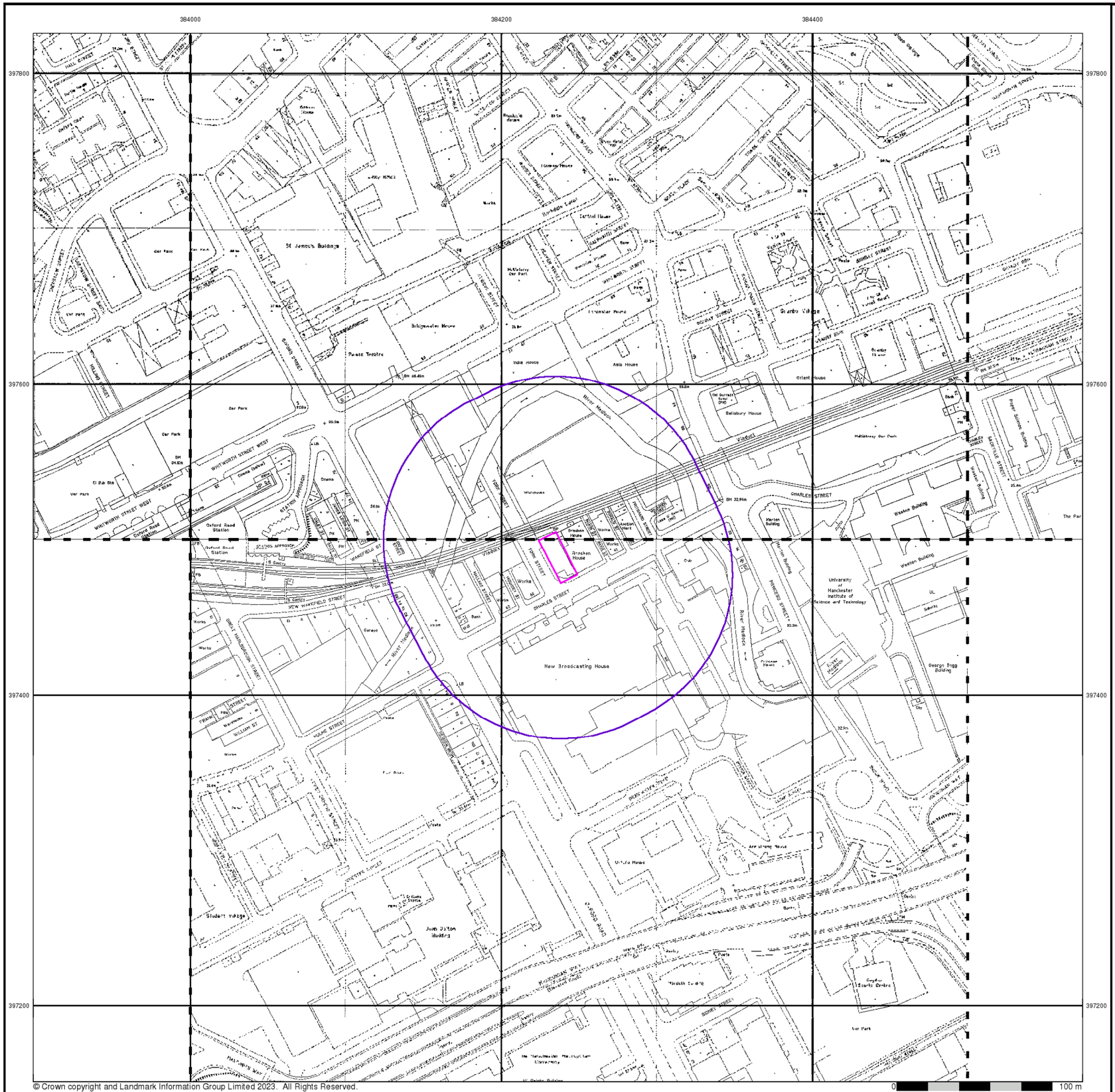
Order Number: 319430848_1_1
Customer Ref: 6134 VCM
National Grid Reference: 384240, 397490
Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 100

Site Details

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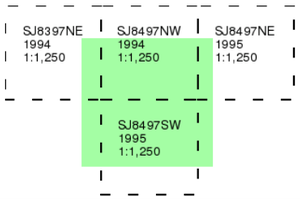
Large-Scale National Grid Data

Published 1994 - 1995

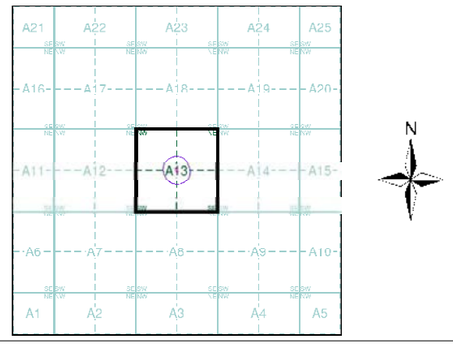
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



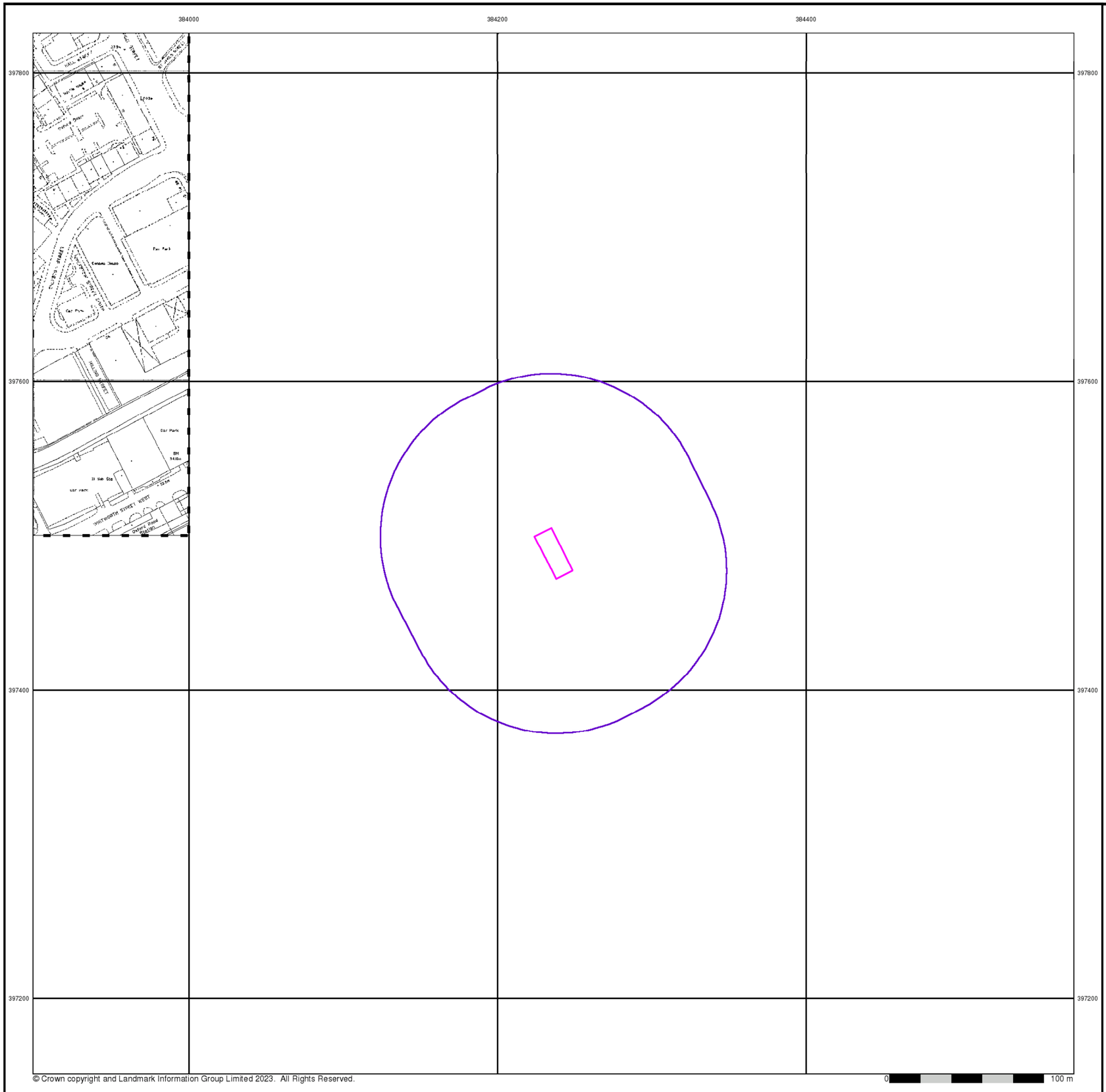
Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

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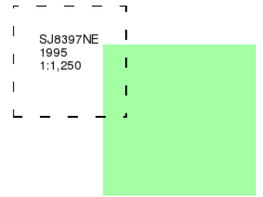
Large-Scale National Grid Data

Published 1995

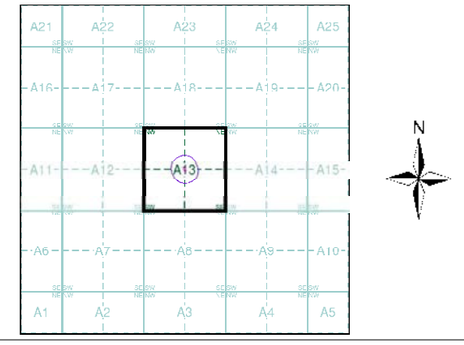
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



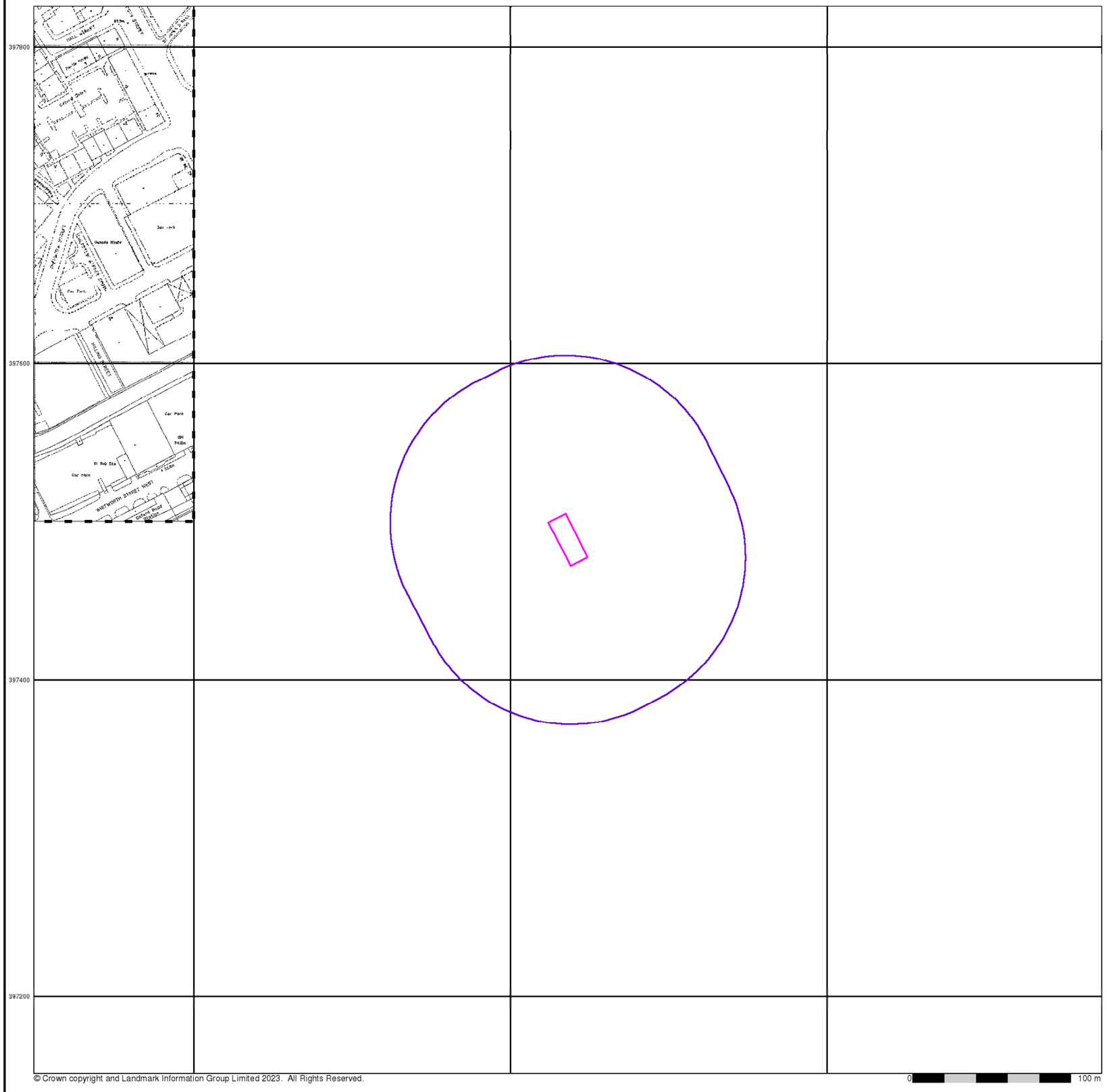
Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

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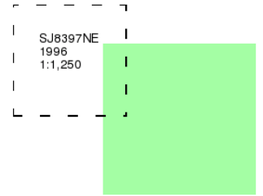
Large-Scale National Grid Data

Published 1996

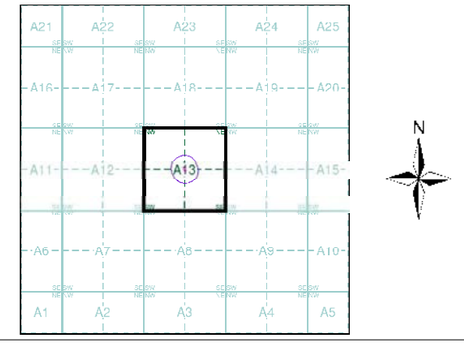
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

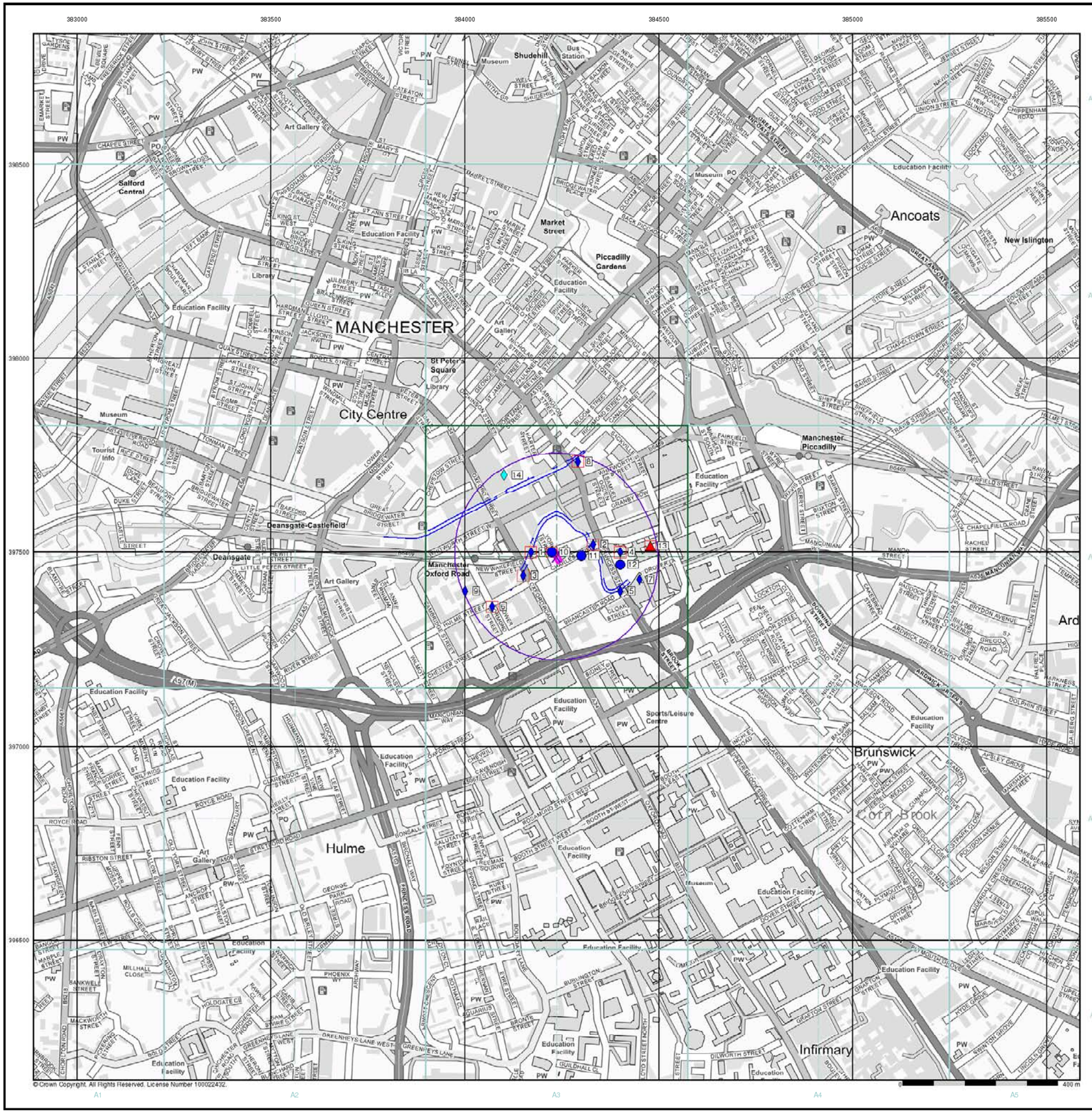
Site Details

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Appendix C

C1 Environmental Data Search
C2 Coal Authority Mining Report
C3 Site Geology Digital Issue
C4 Local Authority Environmental Data Search
C5 GMF&RS Historical petroleum storage information



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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

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

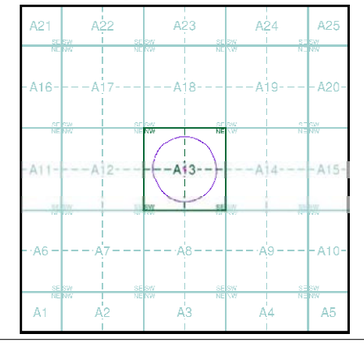
Waste

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

Hazardous Substances

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

Site Sensitivity Map - Slice A



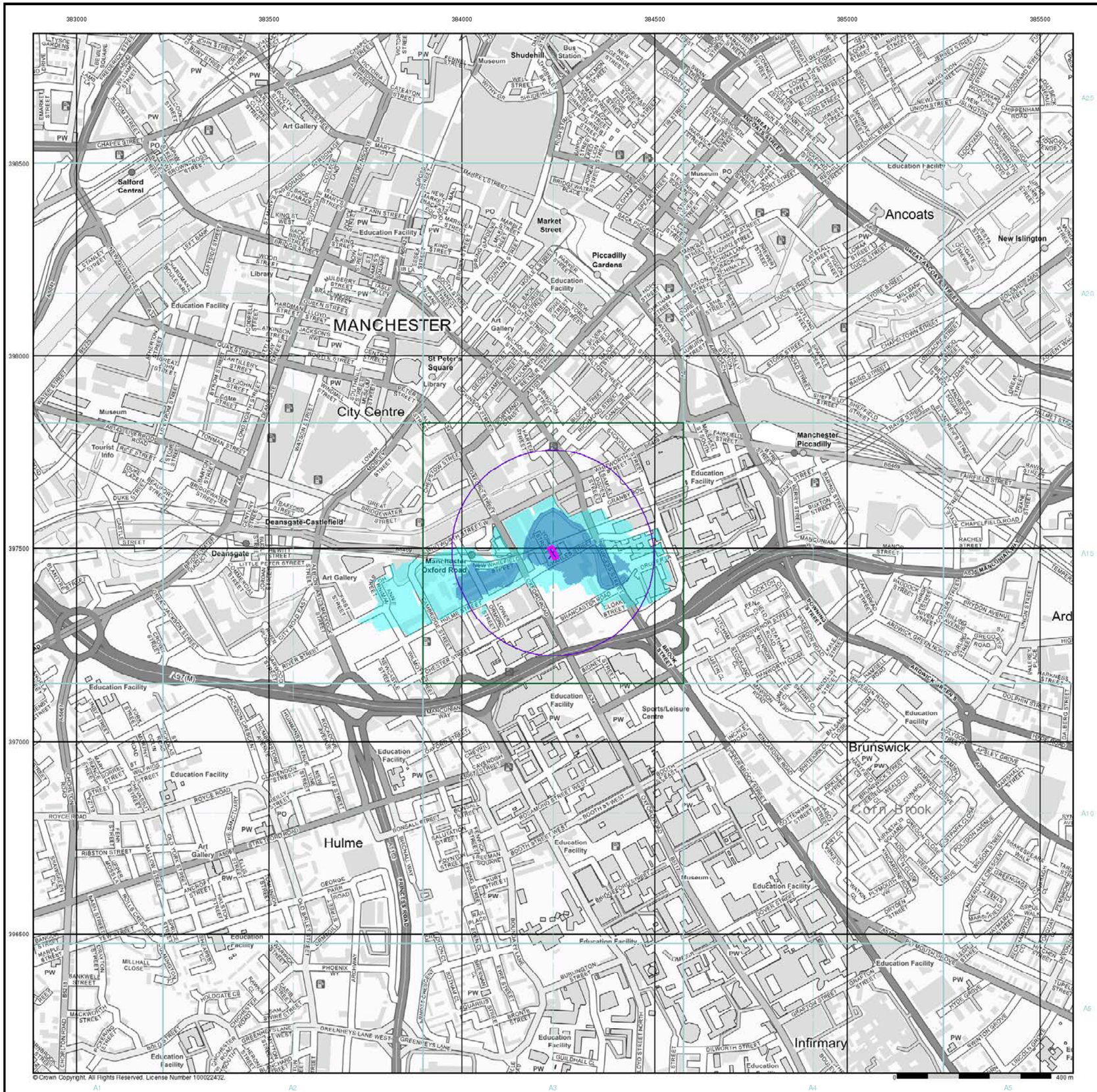
Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

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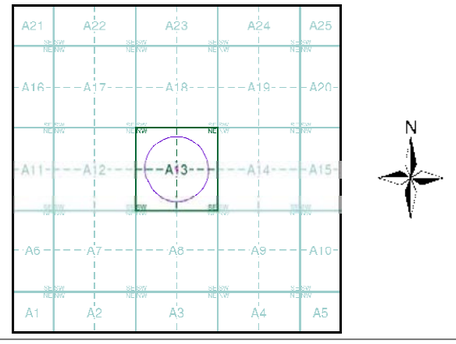
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
319430848_1_1

Customer Reference:
6134 VCM

National Grid Reference:
384240, 397490

Slice:
A

Site Area (Ha):
0.04

Search Buffer (m):
250

Site Details:

Paint Pots Nursery, Bracken House
Charles Street
MANCHESTER
M1 7BD

Client Details:

Mr M Richardson
GeoAssist Ltd
Unit 4
Sheffield Street
Heaton Norris
Stockport
Cheshire
SK4 1RU

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	18
Sensitive Land Use	-
Data Currency	21
Data Suppliers	25
Useful Contacts	26

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

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1		35
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 9		Yes
Pollution Incidents to Controlled Waters	pg 10		4
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances	pg 10		3
River Quality	pg 11		2
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 11		1 (*7)
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 13	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a
Source Protection Zones	pg 14		1
Extreme Flooding from Rivers or Sea without Defences	pg 14	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 14	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 14		12

Summary

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 16	1	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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			
Geological			
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas	pg 17	Yes	n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 17	Yes	
Potential for Compressible Ground Stability Hazards	pg 17	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 17	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 17	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a

Summary

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 18		25
Fuel Station Entries	pg 20		1
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones			
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	0	1	384236 397489
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	114	1	384150 397400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	134	1	384100 397450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	175	1	384050 397489
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	177	1	384200 397300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	222	1	384236 397250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	225	1	384000 397500
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: York St/Charles St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0281 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 9th August 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13NW (W)	45	2	384180 397500
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mallard Street/Charles Street Cso Mallard Street, Manchester, ., Greater Manchester, M1 6ey Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982736 Permit Version: 1 Effective Date: 30th September 1994 Issued Date: Not Supplied Revocation Date: 9th July 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13NW (W)	55	2	384170 397500
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Medlock St(Off Charles St), Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0343 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 1st January 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Consent revoked or revised: New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A13NW (W)	55	2	384170 397500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mallard Street/Charles Street Cso Mallard Street, Manchester, ., Greater Manchester, M1 6ey Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982736 Permit Version: 2 Effective Date: 10th July 2020 Issued Date: 10th July 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NW (W)	56	2	384169 397499
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road/Grosvenor Street Cso 137 Oxford Road, Manchester, ., Greater Manchester, M1 7dz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0189 Permit Version: 4 Effective Date: 29th March 2021 Issued Date: 29th March 2021 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock Via Sws **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	78	2	384159 397457
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road/Grosvenor Street Cso 137 Oxford Road, Manchester, ., Greater Manchester, M1 7dz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0189 Permit Version: 3 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 28th March 2021 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	84	2	384150 397460
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road/Grosvenor Street Cso 137 Oxford Road, Manchester, ., Greater Manchester, M1 7dz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0189 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	84	2	384150 397460

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Oxford/New Wakefild St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0165 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 31st March 1998 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	84	2	384150 397460
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Oxford Road/Grosvenor Street Cso 137 Oxford Road, Manchester, ., Greater Manchester, M1 7dz Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0189 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	84	2	384150 397460
2	**Discharge Consents** Operator: Factory Communications Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 112-116 Princess Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991403 Permit Version: 1 Effective Date: 24th April 1989 Issued Date: Not Supplied Revocation Date: 31st March 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	57	2	384300 397500
2	**Discharge Consents** Operator: Factory Communications Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 112-116 Princess Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991403 Permit Version: 2 Effective Date: 1st April 1992 Issued Date: Not Supplied Revocation Date: 10th February 1993 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	57	2	384300 397500

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Factory Communications Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 112-116 Princess Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991403 Permit Version: 3 Effective Date: 11th February 1993 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	57	2	384300 397500
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles Street Cso 7 Charles Street, ., ., Manchester, M1 7en Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0183 Permit Version: 3 Effective Date: 1st April 2018 Issued Date: 19th March 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	75	2	384320 397500
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles Street Cso 7 Charles Street, ., ., Manchester, M1 7en Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0183 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	75	2	384320 397500
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles Street Cso 7 Charles Street, ., ., Manchester, M1 7en Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0183 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	75	2	384320 397500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles St Princess St Cso 28116 106 Princess Street, ., ., Manchester, M1 6ng Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0166 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	88	2	384330 397510
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles St Princess St Cso 28116 106 Princess Street, ., ., Manchester, M1 6ng Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0166 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	88	2	384330 397510
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Whitworth St/Sackville St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0253 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 1st January 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	88	2	384330 397510
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Princess St/Whitworth St Cso 282mn 67 Whitworth St, Manchester, ., Greater Manchester, M1 6lq Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982950 Permit Version: 2 Effective Date: 20th October 2020 Issued Date: 20th October 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock Via Sws **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	89	2	384328 397516

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Charles St Princess St Cso 28116 106 Princess Street, ., ., Manchester, M1 6ng Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0166 Permit Version: 3 Effective Date: 1st April 2018 Issued Date: 21st March 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	89	2	384330 397513
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Princess St/Granby Row Cs, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Upper Mersey Reference: 016982956 Permit Version: 1 Effective Date: 23rd June 1995 Issued Date: Not Supplied Revocation Date: 31st March 1998 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6)** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	92	2	384330 397520
2	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Princess St/Whitworth St Cso 282mn 67 Whitworth St, Manchester, ., Greater Manchester, M1 6lq Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982950 Permit Version: 1 Effective Date: 23rd June 1995 Issued Date: Not Supplied Revocation Date: 19th October 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13NE (E)	92	2	384330 397520
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Oxford Rd, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0342 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 19th December 1999 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	94	2	384150 397440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Oxford Rd, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982631 Permit Version: 1 Effective Date: 30th September 1994 Issued Date: Not Supplied Revocation Date: 19th December 1999 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually corrected supplier location	A13SW (SW)	94	2	384150 397440
4	**Discharge Consents** Operator: Factory Communications Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 112-116 Princess Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991403 Permit Version: 1 Effective Date: 24th April 1989 Issued Date: Not Supplied Revocation Date: 31st March 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	154	2	384400 397500
4	**Discharge Consents** Operator: Factory Communications Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 112-116 Princess Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016991403 Permit Version: 2 Effective Date: 1st April 1992 Issued Date: Not Supplied Revocation Date: 10th February 1993 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	154	2	384400 397500
5	**Discharge Consents** Operator: British Broadcasting Corporation Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Bbc Vehicle Maintenance Base Swo, Pritchard Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991346 Permit Version: 1 Effective Date: 22nd September 1994 Issued Date: Not Supplied Revocation Date: 22nd September 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	171	2	384400 397400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Chester Street Cso Junction Of Chester Street/, Lower Osmond Street, ., Manchester, M1 5qf Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016983278 Permit Version: 1 Effective Date: 1st December 1999 Issued Date: 19th February 1999 Revocation Date: 8th July 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Medlock **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	200	2	384080 397350
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Chester Street Cso Junction Of Chester Street/, Lower Osmond Street, ., Manchester, M1 5qf Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016983278 Permit Version: 2 Effective Date: 9th July 2018 Issued Date: 9th July 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: The River Medlock **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	201	2	384071 397362
6	**Discharge Consents** Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Lower Ormomd St/Hulme St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0282 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 9th August 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	203	2	384070 397360
7	**Discharge Consents** Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Brook St/Mount St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982723 Permit Version: 1 Effective Date: 28th November 1994 Issued Date: Not Supplied Revocation Date: 14th July 2000 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually corrected supplier location	A13SE (E)	207	2	384450 397430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: West Contracting Limited Property Type: Undefined Or Other Location: Gshp Serving Origin Development 56 Princess Street, Manchester, ., ., M1 6ja Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Npswqd004449 Permit Version: 3 Effective Date: 1st April 2013 Issued Date: 28th October 2011 Revocation Date: 3rd October 2014 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Underground Water Receiving Water: Groundwater **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NE (N)	236	2	384291 397734
8	**Discharge Consents** Operator: West Contracting Limited Property Type: Undefined Or Other Location: Gshp Serving Origin Development 56 Princess Street, Manchester, ., ., M1 6ja Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Npswqd004449 Permit Version: 2 Effective Date: 16th April 2009 Issued Date: 16th April 2009 Revocation Date: 31st March 2013 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Underground Water Receiving Water: Groundwater **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13NE (N)	236	2	384291 397734
8	**Discharge Consents** Operator: West Contracting Limited Property Type: Undefined Or Other Location: Gshp Serving Origin Development 56 Princess Street, Manchester, ., ., M1 6ja Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Npswqd004449 Permit Version: 1 Effective Date: 1st April 2009 Issued Date: 5th March 2009 Revocation Date: 15th April 2009 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Underground Water Receiving Water: Groundwater **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13NE (N)	236	2	384291 397734
9	**Discharge Consents** Operator: Swinton Insurance Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Car Pk, Malborough St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991176 Permit Version: 1 Effective Date: 8th September 1987 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Medlock **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Manually corrected supplier location	A13SW (W)	246	2	384000 397400
	Nearest Surface Water Feature	A13NW (NW)	49	-	384178 397515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Diesel Spill Incident Date: 22nd August 1996 Incident Reference: 96631887 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A13NW (W)	25	2	384200 397500
10	**Pollution Incidents to Controlled Waters** Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Medlock; Crude Sewage Incident Date: 25th March 1996 Incident Reference: 96630555 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (W)	25	2	384200 397495
11	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 11th January 1996 Incident Reference: 96630052 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	57	2	384300 397500
12	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Medlock; Detergent Incident Date: 30th March 1995 Incident Reference: 95630655 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	154	2	384400 397500
13	**Registered Radioactive Substances** Name: Umist Location: Po Box 88, Sackville Street, MANCHESTER, M60 1QD Authority: Environment Agency, North West Region Permit Reference: AZ8692 Dated: 13th November 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A13NE (E)	232	2	384477 397512
13	**Registered Radioactive Substances** Name: Umist Location: Po Box 88, Sackville Street, MANCHESTER, M60 1QD Authority: Environment Agency, North West Region Permit Reference: AX0526 Dated: 30th January 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A13NE (E)	233	2	384478 397512

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Registered Radioactive Substances** Name: Umist Location: Po Box 88, Sackville Street, MANCHESTER, M60 1QD Authority: Environment Agency, North West Region Permit Reference: AP0143 Dated: 16th January 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A13NE (E)	233	2	384478 397512
	River Quality Name: Medlock GQA Grade: River Quality E Reach: Lords Bk To Irwell Estimated Distance (km): 9.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SW (SW)	70	2	384187 397423
	River Quality Name: Rochdale Canal GQA Grade: River Quality B Reach: Ashton Canal To Knott Mill Estimated Distance (km): 1.8 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A13NW (NW)	186	2	384142 397666
14	**Water Abstractions** Operator: North Western Electricity Board Licence Number: 2569006023 Permit Version: Not Supplied Location: Rochdale Canal, Dickinson Street, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 82 Yearly Rate (m3): 25230 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	236	2	384100 397700
	Water Abstractions Operator: West Contracting Licence Number: Nw0690006001 Permit Version: 1 Location: Boreholes At Origin Developments, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-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 May Authorised End: 30 September Permit Start Date: 19th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	269	2	384378 397733

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: West Contracting Licence Number: Nw/069/0006/001 Permit Version: 1 Location: Boreholes At Origin Developments, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-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 May Authorised End: 30 September Permit Start Date: 19th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	269	2	384378 397733
	Water Abstractions Operator: Dunlop Rubber Co Limited Licence Number: 2569007027 Permit Version: Not Supplied Location: Borehole, Cambridge Street, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1811 Yearly Rate (m3): 154564 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	362	2	384000 397200
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: General Use (Medium 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: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	386	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 2 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: Heat Pump 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: 4th April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	386	2	384180 397091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: General Use (Medium 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: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	386	2	384180 397091
	Water Abstractions Operator: Manchester Metropolitan University Licence Number: Nw/069/0006/003 Permit Version: 1 Location: Borehole 1 At Lower Chatham Street Authority: Environment Agency, North West Region Abstraction: Schools and Colleges: Heat Pump 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: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	386	2	384180 397091
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13SE (SE)	0	3	384247 397483
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13NE (NE)	0	3	384236 397489
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (NE)	0	3	384236 397489
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (SE)	0	3	384247 397483
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	3	384236 397489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SW (SW)	187	2	384077 397376
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	384236 397489
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	215	2	384063 397348
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	384236 397489
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	91	2	384150 397445
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 261.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13NW (W)	54	4	384171 397509
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13NW (W)	58	4	384167 397492
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13SW (W)	64	4	384163 397482
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13NE (E)	86	4	384324 397517
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1011.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A13NE (E)	86	4	384324 397517

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 177.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13NE (E)	88	4	384332 397505
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13SW (SW)	141	4	384115 397404
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 536.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Medlock Catchment Name: Mersey Primacy: 1	A13SE (E)	182	4	384422 397426
24	**OS Water Network Lines** Watercourse Form: Canal Watercourse Length: 206.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13NW (NW)	190	4	384151 397675
25	**OS Water Network Lines** Watercourse Form: Lock or flight of locks Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13NW (NW)	196	4	384106 397654
26	**OS Water Network Lines** Watercourse Form: Canal Watercourse Length: 299.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13NW (NW)	201	4	384083 397642
27	**OS Water Network Lines** Watercourse Form: Lock or flight of locks Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A13NE (N)	248	4	384290 397746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	5	384236 397489

Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13NE (NE)	0	1	384236 397489
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NE)	0	6	384236 397489
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	129	1	384212 397346
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	202	1	384156 397690
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	226	1	384230 397731
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	384236 397489
	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	A13NE (NE)	0	1	384236 397489
	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	A13NE (NE)	0	1	384236 397489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**Contemporary Trade Directory Entries** Name: D C Motor Engineers Location: 45, York Street, Manchester, M1 7DE Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	6	-	384226 397506
29	**Contemporary Trade Directory Entries** Name: Impex Trading Co Location: Flat 23, Oxford Place, 7, Oxford Road, Manchester, M1 6EY Classification: Carpets & Rugs - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	56	-	384176 397471
30	**Contemporary Trade Directory Entries** Name: Seba (Uk) Ltd Location: 84 Princess St, Manchester, Lancashire, M1 6NG Classification: Machine Tool Accessories & Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	95	-	384296 397577
30	**Contemporary Trade Directory Entries** Name: Broomwell Healthwatch Ltd Location: 86, Princess Street, Manchester, Lancashire, M1 6NG Classification: Medical & Dental Laboratories **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	96	-	384297 397578
30	**Contemporary Trade Directory Entries** Name: Northern Contract Cleaners Location: Asia House, 82, Princess Street, Manchester, M1 6NF Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	131	-	384288 397624
30	**Contemporary Trade Directory Entries** Name: Subway Location: Second Floor, 121, Princess Street, Manchester, Lancashire, M1 7AG Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	151	-	384333 397620
30	**Contemporary Trade Directory Entries** Name: William Chitham Location: 121, Princess Street, Manchester, M1 7AD Classification: Photo & Digital Imaging Bureaus **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	152	-	384333 397620
30	**Contemporary Trade Directory Entries** Name: Harris Darkrooms Location: 121, Princess Street, Manchester, M1 7AD Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	152	-	384333 397620
30	**Contemporary Trade Directory Entries** Name: Chamber Communication Ltd Location: 121, Princess Street, Manchester, Lancashire, M1 7AG Classification: Telecommunications Equipment & Systems **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	152	-	384333 397620
31	**Contemporary Trade Directory Entries** Name: Bookbind Location: 2-4, Oxford Road, Manchester, Lancashire, M1 5QA Classification: Bookbinders **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	105	-	384146 397423
32	**Contemporary Trade Directory Entries** Name: First North Western Location: Bridgewater House, 58, Whitworth Street, Manchester, M1 6LS Classification: Railways **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	150	-	384158 397633
32	**Contemporary Trade Directory Entries** Name: Aecon Location: Bridgewater House 58-60, Whitworth Street, Manchester, M1 6LT Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	152	-	384165 397640

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**Contemporary Trade Directory Entries** Name: Harrison Motors Location: 51 New Wakefield St, Manchester, Lancashire, M1 5NP Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	151	-	384080 397457
34	**Contemporary Trade Directory Entries** Name: Gesco Location: Oxford Rd, Manchester, M1 7ED Classification: Plastics - Injection Moulding **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (S)	197	-	384246 397276
35	**Contemporary Trade Directory Entries** Name: Easy Wheels Location: 8, Lower Ormond Street, Manchester, M1 5QJ Classification: Confectionery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	221	-	384078 397320
35	**Contemporary Trade Directory Entries** Name: Ormond Street Motors Location: 2-4, Lower Ormond Street, Manchester, M1 5QF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	222	-	384078 397320
35	**Contemporary Trade Directory Entries** Name: Manchester Print Co Location: 8, Lower Ormond Street, Manchester, M1 5QF Classification: T-Shirts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	222	-	384078 397320
36	**Contemporary Trade Directory Entries** Name: C H A Technologies Group Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6FQ Classification: Knitting Yarn Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	233	-	384075 397678
36	**Contemporary Trade Directory Entries** Name: Soleheat Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6HT Classification: Under Floor Heating **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	233	-	384075 397678
36	**Contemporary Trade Directory Entries** Name: Heatrise Location: St. James Buildings, 79, Oxford Street, Manchester, M1 6HT Classification: Under Floor Heating **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	233	-	384075 397678
36	**Contemporary Trade Directory Entries** Name: Soleheat Location: FOURTH FLOOR, ST. JAMES BUILDING, 79, OXFORD STREET, MANCHESTER, M1 6HT Classification: Under Floor Heating **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	233	-	384075 397678
36	**Contemporary Trade Directory Entries** Name: Faupel Plc Location: St. James Buildings, 79, Oxford Street, Manchester, Lancashire, M1 6FQ Classification: Soft Furnishings - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	233	-	384075 397678
36	**Contemporary Trade Directory Entries** Name: Jany (Uk) Location: St. James Buildings, 79, Oxford Street, Manchester, Lancashire, M1 6FQ Classification: Commercial Vehicle Bodybuilders & Repairers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	233	-	384075 397678

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**Contemporary Trade Directory Entries** Name: Archmate Ltd Location: Flat 15, Granby House, Granby Row, Manchester, M1 7AR Classification: Rubber & Plastic Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	238	-	384447 397612
38	**Contemporary Trade Directory Entries** Name: William Hodgson & Co Location: Sixth Floor, Churchgate House, 56, Oxford Street, Manchester, Lancashire, M1 6EU Classification: Oils - Edible **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	246	-	384028 397647
39	**Fuel Station Entries** Name: Ormond Street Motors Location: 2-4, Lower Ormond Street , , Manchester, Greater Manchester, M1 5QF Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	222	-	384078 397320

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Trafford Metropolitan Borough Council - Renewal and Environmental Protection	November 2013	Annual Rolling Update
Manchester City Council - Environmental Health Department	October 2017	Annual Rolling Update
Salford City Council - Environmental Health Department	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - North West Region	July 2023	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	March 2013	
Integrated Pollution Controls		
Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Salford City Council - Environmental Health Department	December 2020	Variable
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Local Authority Pollution Prevention and Controls		
Salford City Council - Environmental Health Department	March 2015	Annual Rolling Update
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Salford City Council - Environmental Health Department	March 2015	Variable
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - North West Region	January 2000	
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	March 2013	
Registered Radioactive Substances		
Environment Agency - North West Region	June 2016	As notified
Environment Agency - Head Office	May 2023	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - North West Region - South Area	July 2023	Quarterly
Water Abstractions		
Environment Agency - North West Region	April 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	As notified

Data Currency

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	July 2023	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	July 2023	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2023	Quarterly
Local Authority Landfill Coverage Manchester City Council - Planning Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department	 February 2003 February 2003 February 2003	 Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Manchester City Council - Planning Department Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department	 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	

Data Currency

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Manchester City Council - Planning Department	February 2016	Variable
Trafford Metropolitan Borough Council	July 2023	Variable
Salford City Council	June 2016	Variable
Planning Hazardous Substance Consents		
Trafford Metropolitan Borough Council	April 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Salford City Council	June 2016	Variable
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	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	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	September 2022	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	July 2023	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2023	Quarterly
Gas Pipelines		
National Grid	October 2021	Bi-Annually
Underground Electrical Cables		
National Grid	February 2023	Bi-Annually
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland		
Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt		
Manchester City Council	August 2023	Quarterly
Salford City Council	August 2023	Quarterly
Trafford Metropolitan Borough Council	August 2023	Quarterly
Areas of Unadopted Green Belt		
Manchester City Council	August 2023	Quarterly
Salford City Council	August 2023	Quarterly
Trafford Metropolitan Borough Council	August 2023	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	August 2023	Bi-Annually
Marine Nature Reserves		
Natural England	April 2023	Bi-Annually
National Nature Reserves		
Natural England	February 2023	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	March 2023	Bi-Annually
Ramsar Sites		
Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest		
Natural England	March 2023	Bi-Annually
Special Areas of Conservation		
Natural England	April 2023	Bi-Annually
Special Protection Areas		
Natural England	April 2023	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	Stantec

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Manchester City Council - Planning Department** Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
6	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
-	**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.

Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Holocene - Holocene
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	ALV	Alluvium	Sand with Clay And Gravel	Flandrian - Pleistocene
	TILLD	Till, Devensian	Diamicton	Devensian - Ipswichian
	GFSDD	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	Sand and Gravel	Devensian - Ipswichian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CPB	Chester Pebble Beds Formation	Sandstone	Early Triassic - Early Triassic
	MM	Manchester Marls Formation	Mudstone	Late Permian - Late Permian
	CS	Collyhurst Sandstone Formation	Sandstone	Cisuralian - Cisuralian
	GML	Great Mine Limestone	Limestone	Westphalian D - Westphalian D
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Westphalian D
	ETM	Etruria Formation	Sandstone and Mudstone	Westphalian - Westphalian
	Fault			

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Civil, Environmental & Geotechnical
Telephone: +44 (0) 161 480 8885 e-mail : info@geoassist.co.uk

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

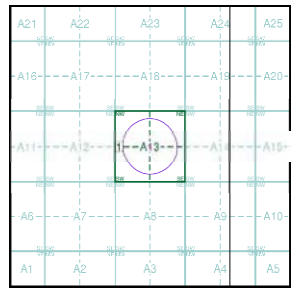
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:		**Map ID:**	1
Map Name:	SJ89NE	**Map Name:**	SJ89NW
Map Date:	1976	**Map Date:**	1973
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Available	**Artificial Geology:**	Available
Faults:	Available	**Faults:**	Available
Landslip:	Available	**Landslip:**	Not Available
Rock Segments:	Available	**Rock Segments:**	Not Available

Geology 1:10,000 Maps - Slice A

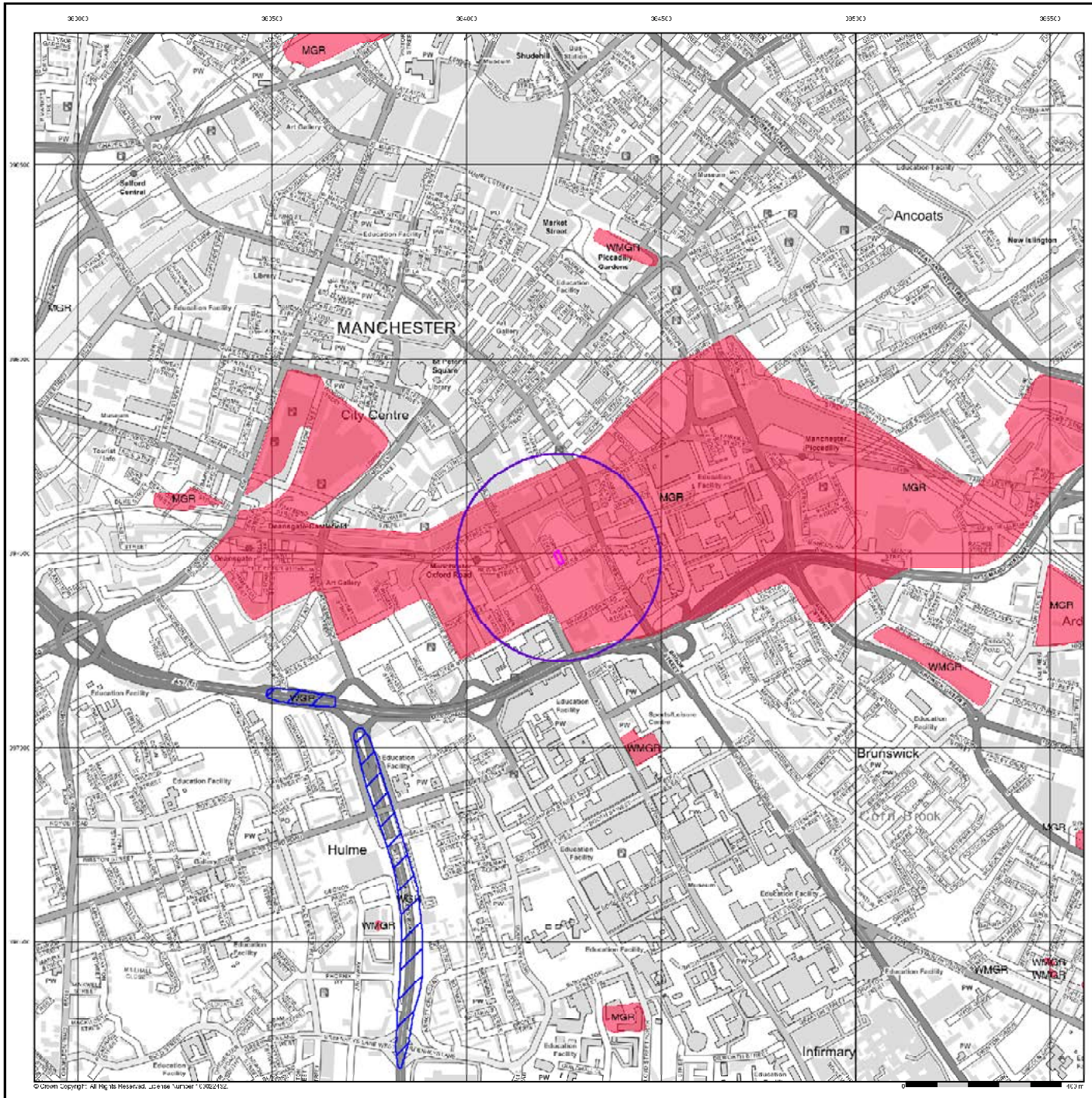


Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

Paint Pots Nursery, Bracken House, Charles Street, MANCHESTER, M1 7BD



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Telephone: +44 (0) 161 480 8885 e-mail : info@geoassist.co.uk

Artificial Ground and Landslip

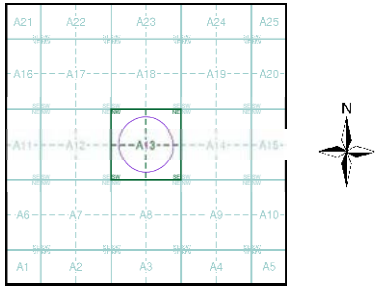
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A

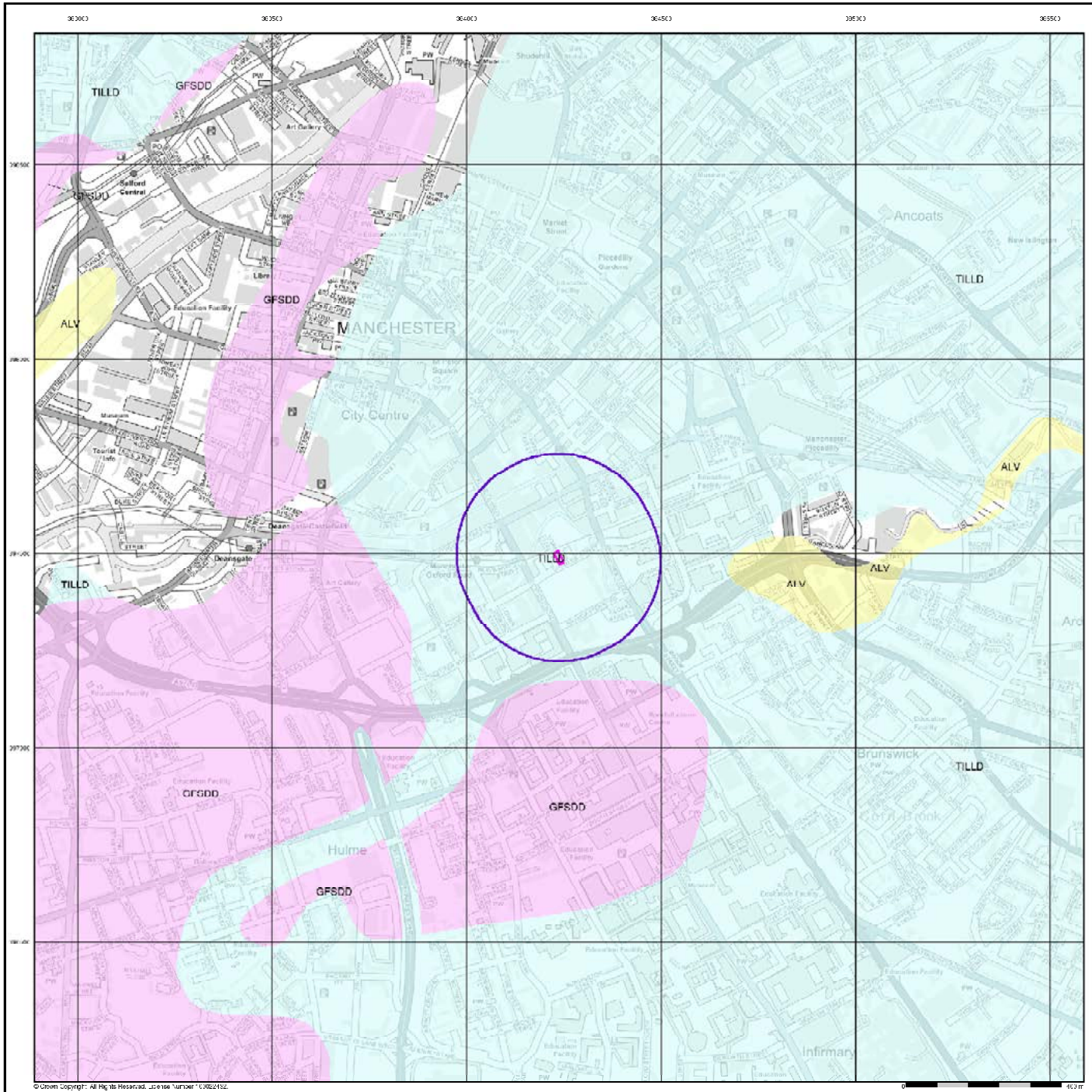


Order Details

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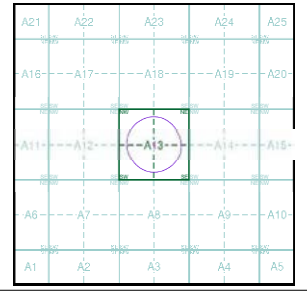
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A

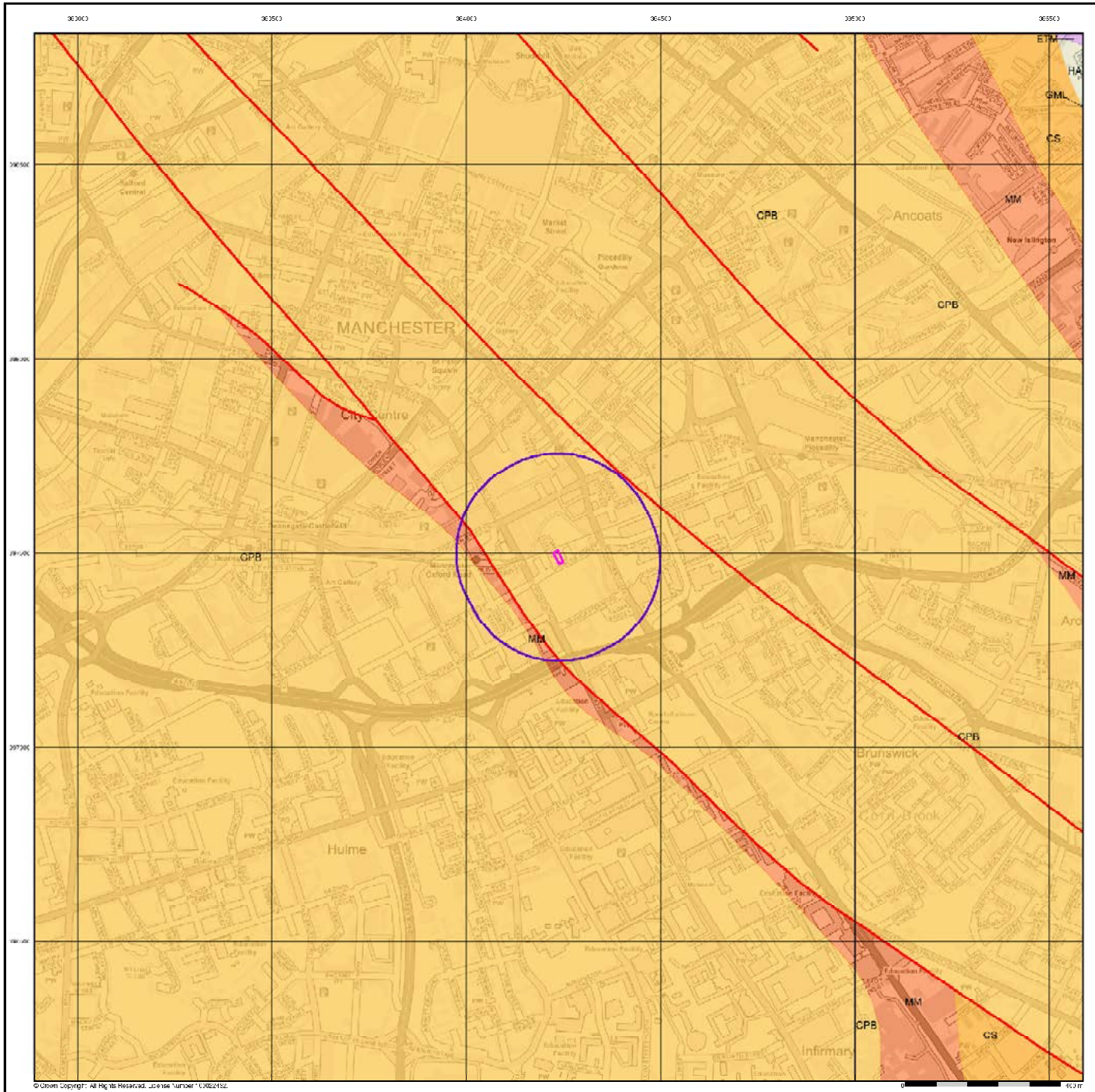


Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

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Bedrock and Faults

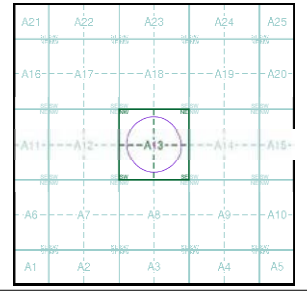
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



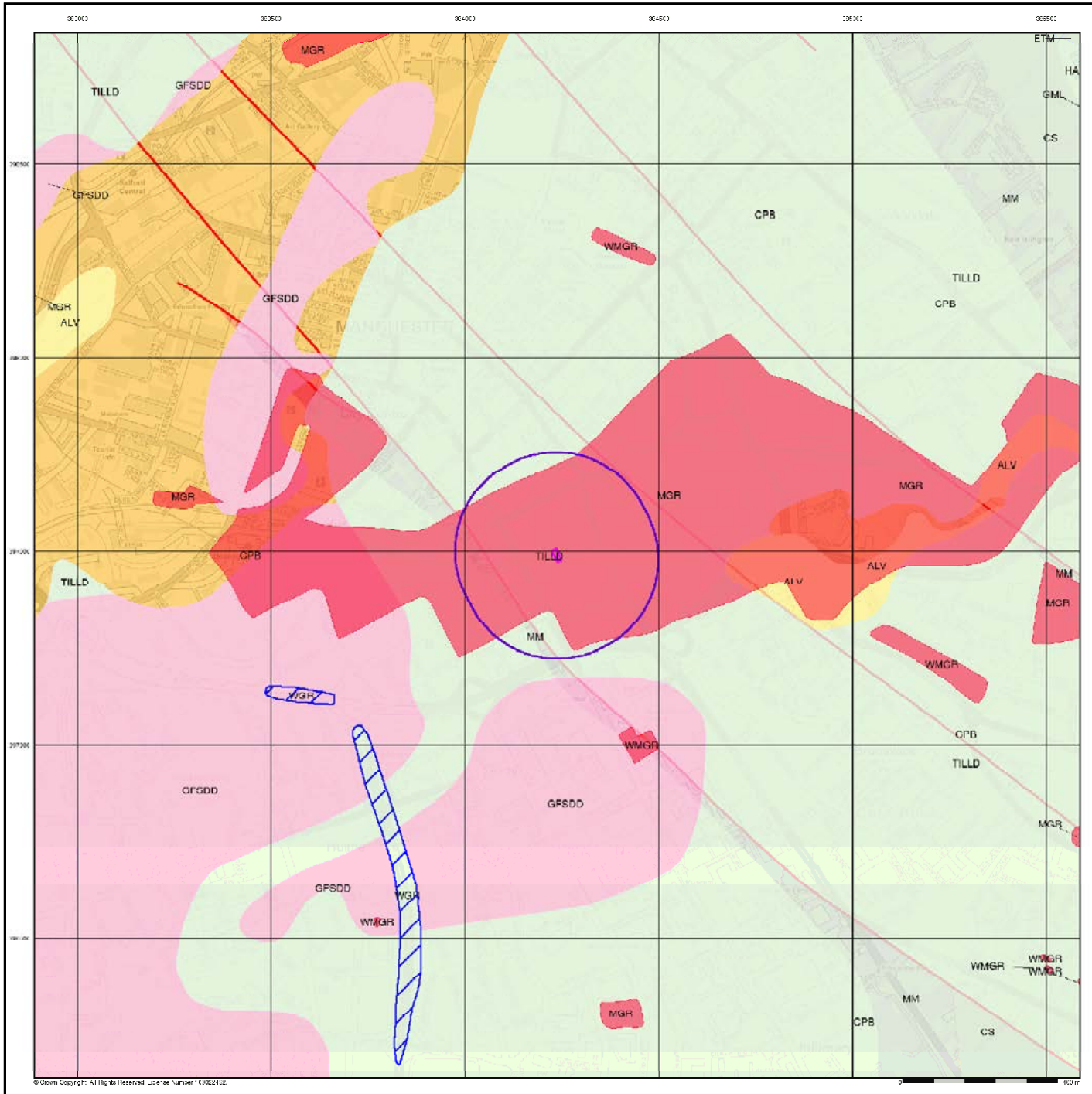
Order Details

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Paint Pots Nursery, Bracken House, Charles Street, MANCHESTER, M1 7BD

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Combined Surface Geology

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

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

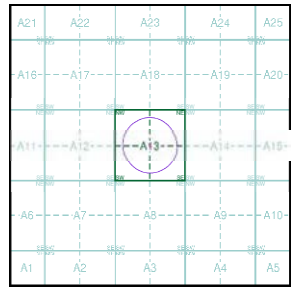
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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

Combined Geology Map - Slice A



Order Details

Order Number:	319430848_1_1
Customer Ref:	6134 VCM
National Grid Reference:	384240, 397490
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	250

Site Details

Paint Pots Nursery, Bracken House, Charles Street, MANCHESTER, M1 7BD

The Coal Authority

CON29M
coal mining report

PAINT POTS NURSERY, BRACKEN HOUSE, PAINT POTS NURSERY, BRACKEN HOUSE, CHARLES STREET, MANCHESTER, GREATER MANCHESTER, M1 7BD

Known or potential coal mining risks

Future underground coal mining Page 4

Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit www.groundstability.com

Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

Your reference: 319430848_2
Our reference: 51003381900001
Date: 5 October 2023

Client name: NLIS Hub

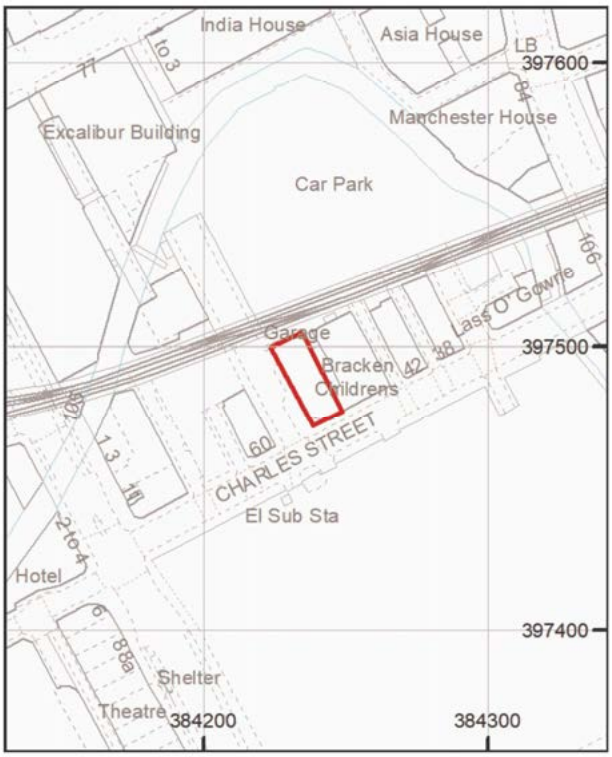
If you require any further assistance please contact our experts on:
0345 762 6848
groundstability@coal.gov.uk

The Law Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is **on the coalfield**

Map data

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Ordnance Survey Licence number: 100020315.

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email communications@coal.gov.uk.

Professional opinion

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on 0345 762 6848 or email cmra@coal.gov.uk.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

1 Past underground coal mining

The property is not within a surface area that could be affected by any past recorded underground coal mining.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

© Coal Authority

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

© Coal Authority

Statutory cover

Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.
www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form

Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **0800 288 4242**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary

Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

mine gas - reports of alleged mine gas emissions received by the Coal Authority within the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

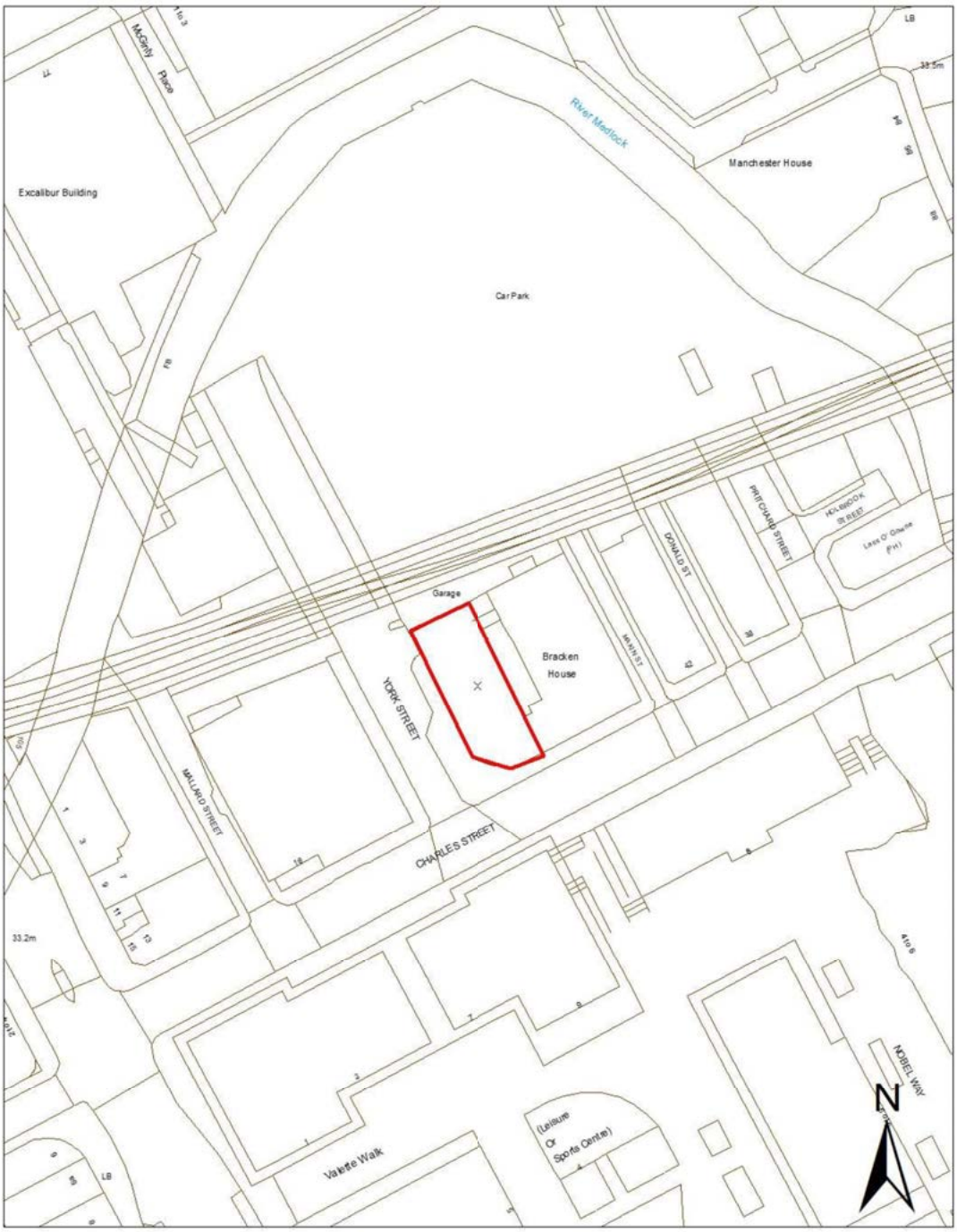
working facilities orders - a court order which gave permission, restricted or prevented coal mine workings

1. Environmental Information Data

DATE: 16 September 2023 TIME: 10:05

Buffer Search Radius: 25, 100, 250, 2000 metres
Site Centre Coordinates (British National Grid): 384236, 397488
Approx. area of search feature: 328m^2
Polygon buffer search

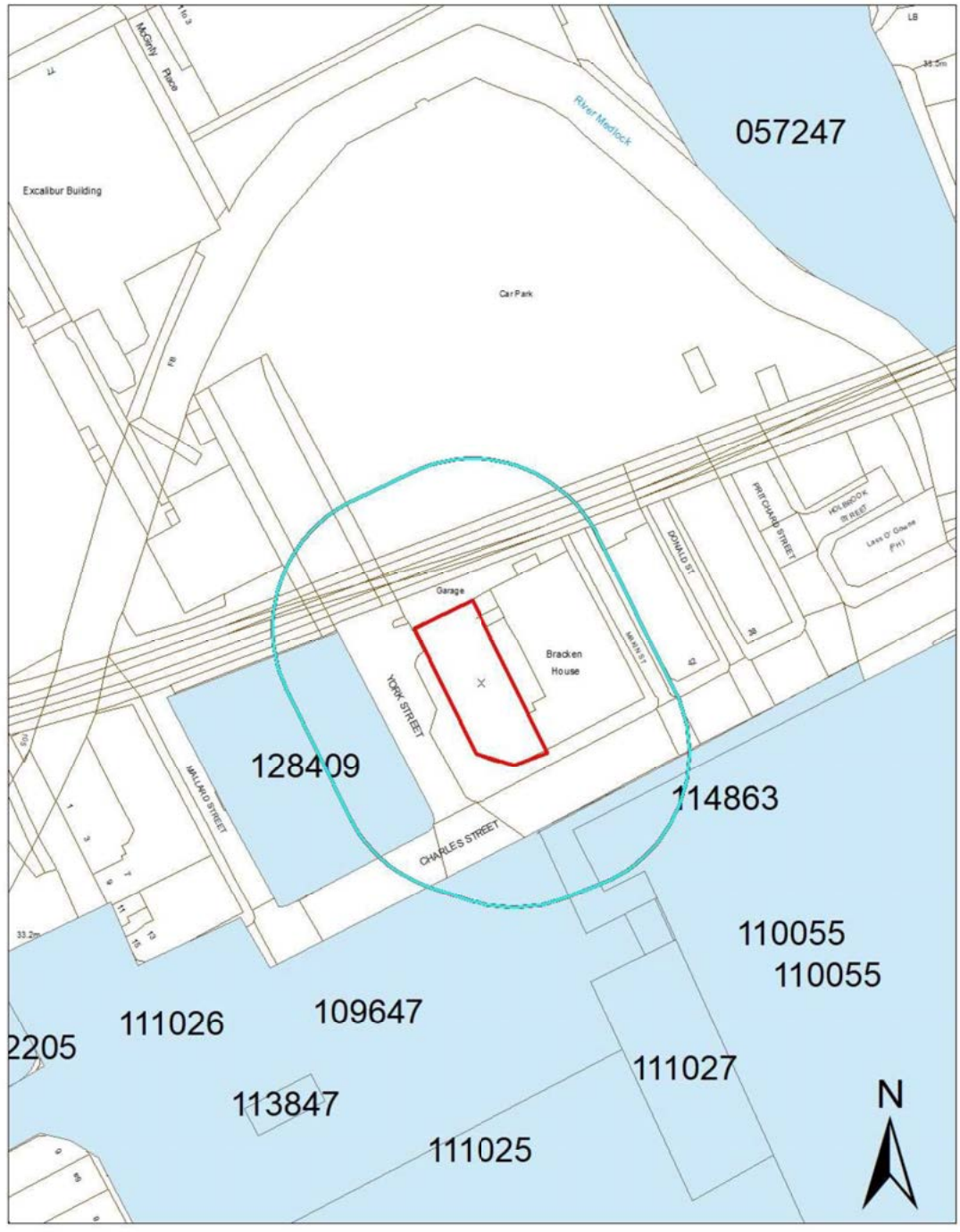
2. Site Location Map





3. CLS Records (2006-present)

Contaminated Land Section records of contamination issues at the site and land adjacent to the site (2006-present):



3.1 GIS Attribute Data for CLS Records (2006-present)

Selection Summary for layer
0 feature(s) identified on site.
6 feature(s) identified off site within 25 metres

PLANNING	Status	Address	DD_MM_YYYY	Reports	Grid Ref.
On Site					
None					
identified Off-site - Within 25m					
128409	Discharged	60 Charles Street, Manchester, M1 7DF	26/08/2022		384205, 397474
109647	Pending	New Broadcasting House, Oxford Road, Manchester		Yes	384292, 397403
110055	Discharged	Former BBC, Oxford Road, M60 7HB	18/04/2019	Yes	384338, 397390
111026	Discharged	Former BBC Site, Buildings 5 & 6, Oxford Road, Manchester	21/02/2020		384211, 397403
114863	Discharged	Plot 9, Former BBC Site Oxford Road Manchester M1 7EN	14/06/2019	Y (DS SI, RS, VR)	384280, 397468
110055	Discharged	New Broadcasting House, Oxford Road, Manchester, M60 7HB	18/04/2018		384338, 397390

The search has identified that the Contaminated Land Section may hold some information pertaining to ground conditions at or adjacent to this site, as shown on the above plan. Please contact us to arrange access to any available reports.

4. CLS Records (pre-2006)

Contaminated Land Section records of contamination issues at the site and land adjacent to the site (pre-2006):
No records were identified within 25M

5. MCC Landfill

Landfill sites within 250 metres.
No records were identified within 250M

6. Part 2A Determined Land

Environmental Protection Act 1990 Part 2A, sites determined to be statutory contaminated land within 250 metres:
No records were identified within 250m

The council have not identified the site or surrounding area as being contaminated land as defined under the Environmental Protection Act 1990, Part 2A. The council have not assigned a risk rating to the site and have no current proposals to investigate the site under the Environmental Protection Act 1990, Part 2A.

Manchester City Councils contaminated land inspection strategy can be found at the following link.

https://secure.manchester.gov.uk/info/100006/environmental_problems/2366/contaminated_land_and_environmental_searches/5

7. Notices

Environmental Protection Act 1990 Notices
No records were identified within 100M

8. Waste Management Licences

Environmental Permitting (England & Wales) Regulations 2010, Waste Management Licences within 250 metres (MCC current and historic):
No records were identified within 250M

9. Waste Management Licences

Environmental Permitting (England & Wales) Regulations 2016, Waste Management Licences within 250 metres (EA current):
No records were identified within 250M

10. Part A(1) Permitted Processes

Environmental Permitting (England & Wales) Regulation 2016, Part A(1) Permitted Processes within 250 metres (MCC current and historic):
No records were identified within 250m

11. Part A(1) Permitted Processes

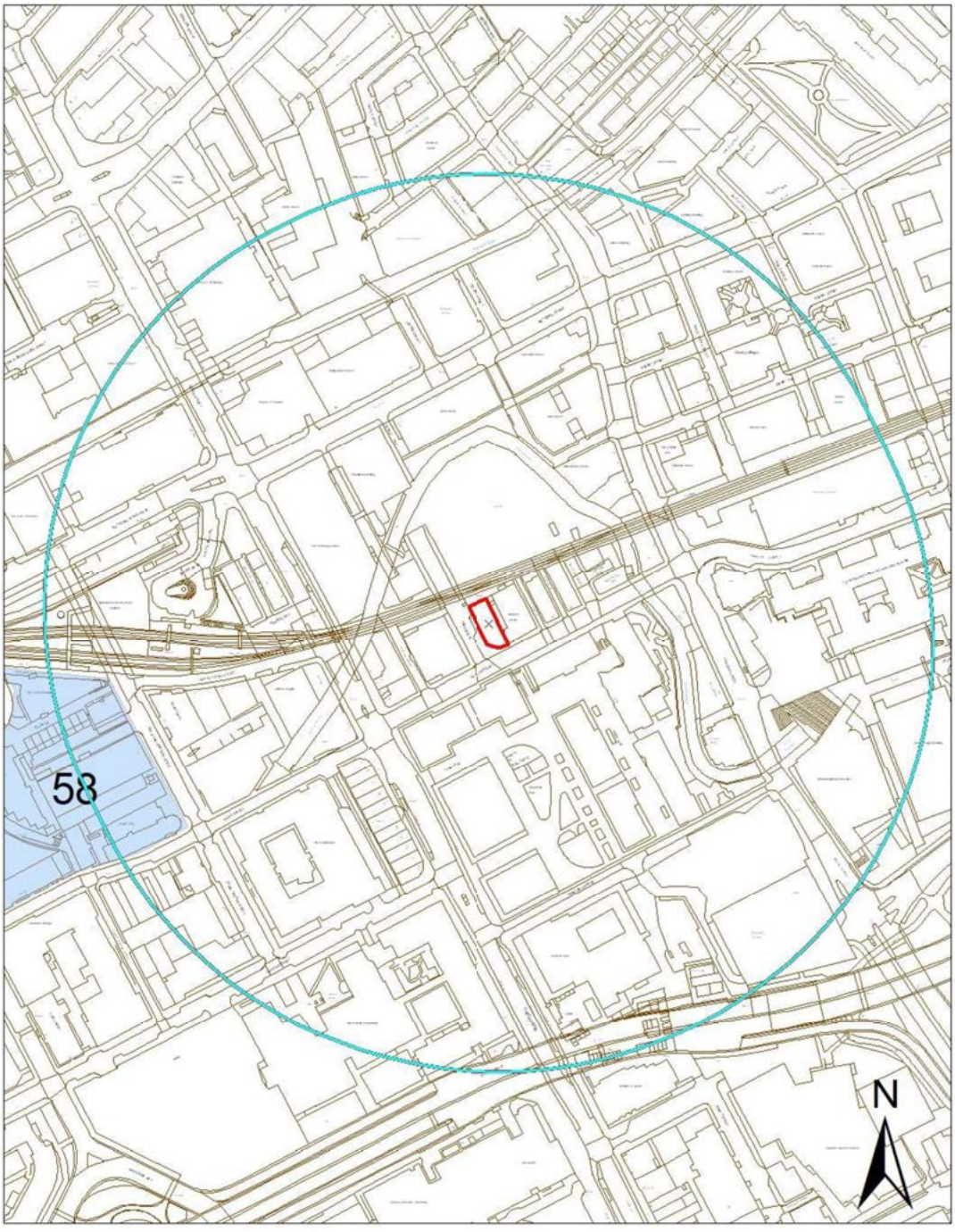
Environmental Permitting (England & Wales) Regulations 2016, Part A(1) Permitted Process within 250 metres (EA Current):
No records were identified within 250m

12. Part A(2) Permitted Processes

Environmental Permitting (England & Wales) Regulations 2016, Part A2 Permitted Processes within 250 metres:
No records were identified within 250m

13. Part B Permitted Processes

Environmental Permitting (England & Wales) Regulations 2016, Part B Permitted Processes within 250 metres of the site:



MANCHESTER CITY COUNCIL
Contaminated Land Section

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Ordnance Survey 100019568.

13.1 GIS Attribute Data for Part B Permitted Processes

Selection Summary for layer
0 feature(s) identified on site.
1 feature(s) identified off site within 250 metres

Site Number	BUSINESS	ADDRESS	Permit Number	Status	Grid Ref.
On Site					
None					
Identified Off-site - Within 0-250m					
58	Dunlop Limited.	GRG Division, PO Box 151, Cambridge Street, M60 1PD.	PG6/28/97	Revoked	383905, 397347

14. Private Water Supplies

Private Water Supplies Regulations 2016, registered abstractions within 2000 metres:
No records were identified within 2000m

Manchester City Council currently have 4 Private water supplies that come under the Private Water Supplies Regulation 2016. However, only one of these is currently online.

If you require further information on these private water supplies, then please contact us.

15. Radioactive Substances Registrations

Radioactive Substances Act 1993, current registrations at or adjacent to the site:
No records were identified within 25m

End of Report.

Your Reference	6134 VCM
Our Reference	PE1003247
Contact	Nicola Leech petroleum@manchesterfire.gov.uk

Matthew Benson
GeoAssist Ltd
4 Sheffield Street
Stockport
SK4 1RU

GREATER MANCHESTER FIRE AND RESCUE SERVICE

Chief Fire Officer
Dave Russel, BSc, MIFireE

Greater Manchester Fire and Rescue Service
146 Bolton Road
Swinton
Manchester
M27 8US

Tel: 0161 736 5866
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10th November 2023

Dear Matthew Benson,

Request for historical petroleum storage information under the Environmental Information Regulations 2004

Re Site Address: Bracken House car park, Corner of Charles Street and York Street M1 7BD

I am writing on behalf of Greater Manchester Combined Authority (the Authority) which is the Fire Authority for Greater Manchester and the enforcing authority for the Petroleum (Consolidation) Regulations 2014 and the Dangerous Substance and Explosives Atmosphere Regulations 2002. Greater Manchester Fire and Rescue Service (GMFRS) carries out these functions on behalf of the GMCA.

The Authority has reviewed the site historical files and records for any past or current licensed storage of petroleum within the site address above. The review has not identified any evidence that petroleum spirit was stored at this site.

However, if whilst undertaking future works and at any time it becomes apparent to contractors that above or underground petroleum tanks are present, which may not have been rendered permanently safe, the Authority must be informed immediately.

Please be aware that disused petrol tanks that have been certified as having been made safe by the use of resin generated foam may still be in an unsafe condition. It has been proven that foam filled underground tanks may be dangerous if disturbed due to the foam degrading over time and the risk of ullage spaces in the tanks filling with explosive, flammable and hazardous atmospheres. Any work being carried out on or near to tank(s) or the tank removed, should only be carried out by people that are competent to carry out this type of work and who have the necessary skills and knowledge to take the appropriate precautions necessary to deal with potential flammable atmospheres.

It should also be noted that the Authority only took over responsibility for petroleum licensing in 1986. Prior to this date the licensing was carried out by the Local Authority Trading Standards. Whilst every endeavour has been made to search back, we cannot guarantee that there was no storage prior to 1986.

The Authority only has responsibility for petroleum and related products that are legally required to be licensed. Any diesel tanks in the area would not have required notification, therefore no records of such tanks may be available.

Yours sincerely,



Nicola Leech

Investigations & Enforcement Team
Petroleum & Explosives Lead

Greater Manchester Fire and Rescue Service
on behalf of the Greater Manchester Combined Authority

Emailed to: info@geoassist.co.uk