

FRANCIS ROAD, MANCHESTER

PHASE 1: PRELIMINARY RISK ASSESSMENT

Job Number: LKC 21 1501

Date: September 2021

**Client: FSG Francis Road Developments Ltd
and Southway Housing Trust**



INCREASING LAND VALUE

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R3	11.05.2022	Reassignment of report to FSG Francis Road Developments Ltd and Southway Housing Trust	Michelle Thorniley
R4	13.07.2022	Update of proposed layout plan	Michelle Thorniley
R5	25.08.2022	Update of development description	Colin Crompton

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1 Introduction

LK Consult Ltd (LKC) has been retained to carry out a Phase 1 Preliminary Risk Assessment (PRA) for Francis Road, Withington.

In accordance with current guidance (including LCRM¹ and the National Planning Policy Framework (NPPF)²), the PRA will include a site reconnaissance, site history, geology, hydrogeology, hydrology, mineral search and a landfill search. Information gathered from the desk study and site reconnaissance will be used to develop a contamination conceptual model for the site.

In addition, the information gathered will be used to identify potential geotechnical constraints associated with the redevelopment of the site.

Based on the findings of this report, an appropriate site investigation can be derived, if required.

Site details are provided in Table 1-1. Figure 1 shows the site location and boundary. Figure 2 shows the proposed development plan.

Site Location	Located north of Francis Road, north east of Kingslea House, Withington, Manchester. Centred at approximate National Grid Reference 385318E 392339N
Approximate Area	1,600m ² . 1,680m ² including to be retained access off Cotton Lane.
Topography	35-40 metres Above Ordnance Datum (AOD). Site is approximately level.
Current Site Use	Vacant employment building.
Purpose of Report	Planning.
Proposed Development	Residential apartments with soft landscaping. The proposed plan involves the demolition of an employment building and development of 24 units, with parking provision and soft landscaping.

Table 1-1: Summary of site details.

¹ Land Contamination Risk Management (LCRM) <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>

² "National Planning Policy Framework." The Ministry of Housing, Communities and Local Government. February 2019.

2 Historical Review

In compiling the site history, LKC consulted Envirocheck historical mapping (Appendix A) and other public domain maps / aerial photography.

Table 2-1 summarises features on site. Table 2-2 summarises potentially contaminative land uses within approximately 50m and potentially infilled features within approximate 250m.

The mapping in Appendix A and the summary tables below exclude the current and to be retained access off Cotton Lane.

Site Features	Location on Site	Dates Present		Comments
		From	To	
Undeveloped Land	Whole Site	1872	1907	
Laundry	E	1922	1958	No longer mapped as Laundry after 1958.
Works	SE	1992	1992	Only labelled as Works in 1992 but buildings are still present in 2021.

Table 2-1: Summary of site features. Dates based on available historical map editions.

Surrounding Area Features	Distance (m)	Direction	Dates Present		Comments
			From	To	
Electrical Sub Station	38	SE	1992	2021	Building still present on 2021 maps, however, is only labelled Electrical Sub Station in 1992.
Allotment Gardens	103	NW	1958	1965	No longer present on maps past 1965.
Residential Development	5	Surrounding area	1934	2021	The surrounding area was developed predominantly for residential use from 1934 mapping onwards.

Table 2-2: Summary of potentially contaminative features within 50m and potentially infilled features with 250m. Dates are based on available historical map editions.

Plate 2-1 shows the features noted in Table 2-1 and 2-2.

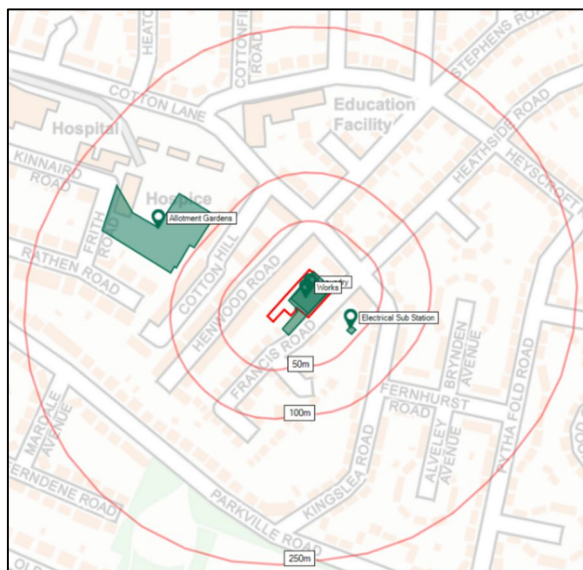


Plate 2-1: Historical features.

The 1934 mapping showing the start of residential development around the designated site is shown on Plate 2-2.

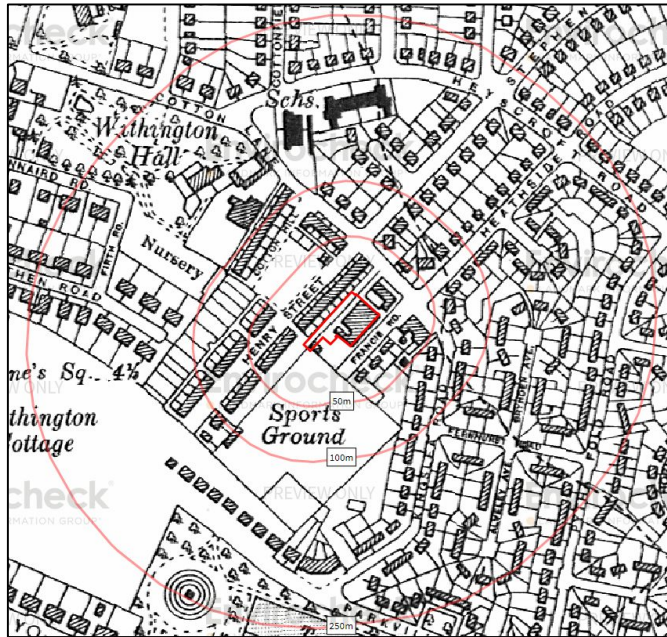


Plate 2-1: Extract from 1934 mapping.

3 Environmental Setting

A summary of environmental settings is presented in Table 3-1, based on a review of available environmental data.

Categories (data sources)		Details
Geology ^{1,2}	Artificial	- No BGS recorded artificial.
	Superficial	- Till, Devensian (Diamicton).
	Bedrock	- Wilmslow Sandstone Formation
	BGS Logs (<50m)	- BH SJ89SE805 located 78m SE: 80mm tarmac overlying brown, clayey topsoil Fill with occasional gravel, 0-0.9m: firm to stiff slightly sandy clay with occ. black shale fragments, 0.9-1.6m: very stiff, slightly sandy clay with sandstone and black shale fragments.
Hydro-geology ¹	Aquifer Designation	- Superficial - Bedrock
	Source Protection Zone (SPZ)	- Secondary Undifferentiated Aquifer.
	Groundwater Abstractions (100m)	- Principal Aquifer.
	Surface Water Courses (100m)	- Site not within an SPZ.
Hydrology ¹	Flooding risk	- None.
	Surface Water Abstractions (100m)	- Flood Zone 1.
	Discharge Consents	- None.
	Pollution Incidents	- None present
Minerals & Mining ^{1,3}	Coal Mining	- None.
	Surface Mineral Extractions (250m)	- Not within a Coal Reporting Area. - Not within a Development High Risk Area.
	Cheshire Brine Compensation District	- None.
	Non-Coal Mining Area	- Not within Compensation District. - Not within Consultation Area.
Ground Stability ¹	Collapsible Ground	- Not within an area of conclusive metalliferous mining.
	Compressible Ground	- Very low hazard.
	Ground Dissolution	- No hazard.
	Landslide	- No hazard.
	Running Sand	- Very low hazard.
	Shrinking / Swelling Clay	- Very low hazard.
Landfill Sites (250m) ¹	Known / Registered	- Very low hazard.
	Potentially Infilled Land based on Envirocheck Report	- Running Sand
	Potentially infilled sites, based on LKC historical review	- Shrinking / Swelling Clay
Radon Potential ¹		- 4no. features: 74m SW, 135m SW, 169m SE and 191m W.
Designated Sites (50m) ¹		- None noted.

Table 3-1: Summary of the environmental setting.

Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to on site only.

Data Sources:

1 Envirocheck Report (Appendix A & B)

2 BGS GeoIndex <http://mapapps2.bgs.ac.uk/geoindex/home.html>

3 The Coal Authority Web Mapping Services (WMS) /

Interactive Map Viewer <http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx>

Categories ^(data sources)		- Details
Contemporary Trade Directory (50m) ¹		- None.
Fuel Station Entries (50m) ¹		- None.
Unexploded Ordnance Risk (UXO)	Zetica Risk Map ⁴	- Moderate.
	Historical / Current Military Activity	- None identified within 100m
	Pre-Desk Study Assessment	- A detailed desk study, whilst always prudent, is not considered essential in this instance.

Table 3-1 (continued)

Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to on site only.

Data Sources:

1 Envirocheck Report (Appendix A & B)

4 Zetica UXO Unexploded Bomb Risk Map (Appendix D)

4 Site Reconnaissance

A site reconnaissance was carried out on 02 September 2021.

Relevant features identified on site are summarised below:

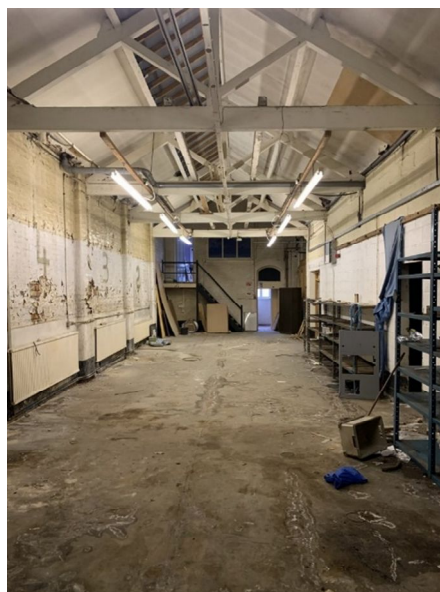
- » The site comprises a vacant office and former works building with a car park to the south west and car parking off Francis Road to the east.
- » The existing building is two storey with an office space located on the first floor. The ground level is raised by around 0.3m in the north east section compared to the south west.
- » The floor of the building is predominately concrete with varying degrees of staining and cracking. The south of the building contains limited stains and is in good condition. The floor in the north of the building is more heavily stained concrete.
- » The offices spaces located on the second floor have been partially emptied with boxes, furniture and other appliances left behind by previous occupants.
- » The north of the building contains various bottles of fluids such as motor oil and mechanical vacuum pump oil.
- » The old boiler room contains old and broken appliances with heavily stained flooring and walls.
- » Two small gas cannisters were present in the south east of the building.
- » The car park and building are currently locked and secure. Access for any site investigation would need to be arranged with the landowner.
- » Fly tipping was observed behind the north east of the building along with overgrown vegetation which would restrict access.
- » Evidence of below ground services and drains was noted. Two circular and three square manhole covers are located along the road leading to the car park.

The surrounding area comprises residential development to the northwest, southeast and north east. A car park is located to the southwest and an office building, Kingslea House is present to the south.

Relevant photographs are provided in Plate 4-1.



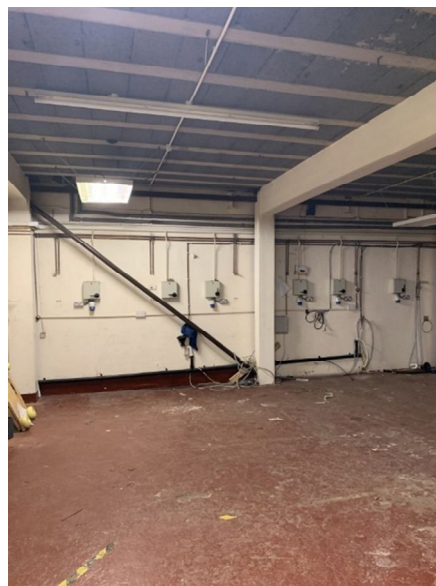
Photograph 1: View of site access road and the north façade of the existing building.



Photograph 2: View of interior of the north east section of the existing building.



Photograph 3: Evidence of staining on the concrete floor in the north east section of the existing building.



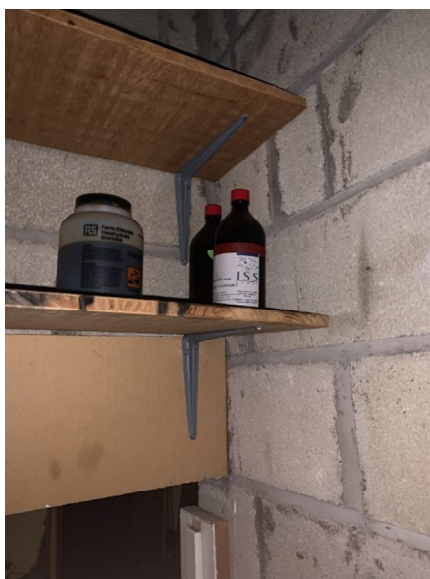
Photograph 4: View of interior of south west section of the building. Concrete floor noted to be in good condition.



Photograph 5: View of car park to the south west from the first floor of the existing building.



Photograph 6: Interior of the office area in the south west of the existing building.



Photograph 7: Storage of various chemicals noted in the existing building.



Photograph 8: Evidence of below ground services and drains identified.

Plate 4-1: Site photographs.

5 Preliminary Conceptual Model

5.1 Introduction

The aim of the conceptual model is to provide a preliminary assessment of the likelihood of a pollutant linkage for each potential combination of contaminant, pathway and receptor. A conceptual model can be used to make an informed decision on the contamination risks associated with the site and whether further site investigation work is required.

The Sections below are therefore divided into potential contaminant, potential pathway and potential receptor as described in LCRM³, on the premise that, if there is no pollutant linkage, then there will be no risk to the receptor. The final Section provides an assessment of the potential pollutant linkages that may still be present on the site if redevelopment were to occur.

5.2 Potential Contaminants

Potential viable contamination sources are detailed in Table 5-1. These are split into onsite sources, offsite sources and underlying geology.

Potential Source	Contaminants
On Site	
Works	- Potential contaminants associated with works will depend on processes onsite but may include metals, PAHS, fuels/oils, solvents and degreasing agents. - Other ancillary activities could include coal fired boilers producing large quantities of boiler ash (heavy metals, sulphates and PAHs), if powered by gas or oil there may historically have been fuel storage tanks. Asbestos may have been used within the building as insulation and lagging or as roofing and cladding⁴.
Laundry	- Potential for organic and inorganic contamination. If dry cleaning occurred as part of the laundry services onsite, contaminants may include solvents such as benzene, trichloroethene and other chlorinated hydrocarbons.
Car park	- Assuming hardstood surface and no signs of spills / leaks on the site surface: No significant contamination source anticipated.
Demolished buildings	- Asbestos Containing Material (ACM).
Current commercial building	- Assuming a boiler house is / has been present: Petroleum hydrocarbons (fuel / oils) and heavy metals, sulphates, PAHs⁵ (waste ash and clinker). - Demolished buildings: ACM.
Surrounding Area	
Current electricity substation (post 1980s)	- Assuming ongoing maintenance, hardstood ground and no Polychlorinated biphenyl (PCBs) use: No significant contamination anticipated.
Allotment	- Assuming the use of ash and clinker for drainage: heavy metals, sulphates, PAHs⁶. - Significant pesticide use not anticipated.

Table 5-1: Potential contamination sources.

³ Land Contamination Risk Management (LCRM) <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>

⁴ Department of the Environment. Industry Profile. Textile Works and Dye Works. 1995.

⁵ Defra (2002). "Potential Contaminants for the Assessment of Land". R&D Publication CLR 8.

⁶ Defra (2002). "Potential Contaminants for the Assessment of Land". R&D Publication CLR 8.

5.3 Potential Receptors

Potential receptors are detailed in Table 5-2.

Receptors	
Human Health	- Future site users (including residents, visitors and site workers). - Offsite land users.
Controlled Waters	- No surface water within influencing distance.
Buildings and structures.	
Potable water pipes.	
Flora within future gardens and landscaping.	

Table 5-2: Potential receptors.

5.4 Potential Pathways

Potential pathways are detailed in Table 5-3.

Pathways		
Soil	Human Health ⁷ (residential land use: apartments with shared landscaping)	- Ingestion of soil. - Ingestion of soil-derived indoor dust. - Dermal contact with soil. - Dermal contact with soil-derived indoor dust. - Inhalation of soil-derived outdoor dust. - Inhalation of soil-derived indoor dust. - Inhalation of vapours outside. - Inhalation of vapours inside.
		- Omitted as no private gardens: ingestion of contaminated vegetables and ingestion of soil attached to vegetables.
		- Windblown dust and fibres to adjacent receptors.
		- Direct contact with receptors (building foundations, services).
Water		- Root uptake.
		- Surface run-off over impermeable surface.
Water and Gas		- Site is predominantly hardstood; therefore, infiltration is likely to be limited.
		- Migration through potentially permeable strata and preferential pathways. - Superficial (Till) likely to be low permeability. - Bedrock (sandstone) likely to be relatively permeable. - Preferential pathways: drains, services.
Gas		- Migration into buildings (e.g. via services) and accumulation of gases in confined spaces (potentially causing explosion if methane is present).

Table 5-3: Potential pathways.

⁷ EA (2008). "Updated Technical Background to the CLEA Model". Science Report – SC050021/SR3.

5.5 Preliminary Contamination Conceptual Model

The Preliminary Contamination Conceptual Model is illustrated in Table 5-4 and has identified seven generic potential pollutant linkages.

Each linkage is described along with an assessment of the risk based upon guidance on probabilities and consequences outlined in CIRIA C552⁸.

In order to assess the potential risk for each pollutant linkage, an assessment of the magnitude of the potential consequence (severity) of the risk occurring and the magnitude of the probability (likelihood) of the risk occurring has been considered and classified. This is based on the guidance provided in CIRIA C552 and further details including a risk matrix is provided in Appendix E.

Where LKC identified a low to very low risk, targeted or low density intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e. moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk, intrusive investigation work or precautionary remedial measures will be recommended.

It should be noted that there may be risk from short term exposure from contaminated soil to site workers. The Preliminary Contamination Conceptual Model deals with long term exposure to key receptors. Acute risks can be easily mitigated by good environmental management of the site during site works. Standard health and safety precautions (as per HSE guidance⁹) should be adopted by all workers involved with site enabling and construction works. Therefore, this receptor is not considered in the contamination conceptual model.

⁸ CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

⁹ HSE (1991). "Protection of Workers and the General Public During Development of Contaminated Land". London HMSO.

PL	Pathway	Receptor	Contaminants of Concern (CoC)	Probability	Consequence	Risk	Recommendations
1	- Dermal contact. - Inhalation of soil, fibres and dust. - Ingestion of soils, dust, vegetables, soil attached to vegetables. - Windblown dust.	- Future site users. - Offsite receptors.	- ACM. - Heavy metals. - PAHs. - Other inorganic and organic contaminants.	Likely (given site history, site conditions and proposed end use)	Medium	Moderate	Intrusive investigation required. Soil analysis of CoC.
			- Petroleum hydrocarbons.	Low Likelihood (given site history, site conditions and proposed end use)	Medium	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Soil analysis of CoC.
2	- Inhalation of vapours. - Migration via permeable strata and preferential pathways.	- Future site users. - Offsite receptors.	- Volatile contaminants (TPHCWG, SVOC, VOCs).	Likely (given site history, site conditions and proposed end use)	Medium	Moderate	Intrusive investigation required, to include PID testing. Soil analysis of CoC, subject to ground conditions encountered and PID testing.
3	- Inhalation of gas. - Migration via permeable strata and preferential pathways. - Explosion in confined spaces. - Exposure to radon.	- Future site users. - Buildings. - Offsite land users.	- Hazardous gas (carbon dioxide, methane).	Low Likelihood (given viable gas source and viable pathway)	Severe	Moderate	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
			- Radon	Unlikely (as <1% of homes above action level)	Medium	Low	(<1%) No protective measures are necessary in the construction of new dwellings or extensions.
4	- Surface run-off. - Migration via permeable strata and preferential pathways. - Perched waters migration.	- Groundwater (Principal Aquifer).	- Mobile contaminants such as metals, PAHs, hydrocarbons, volatile compounds.	Likely (given site history, potential sources of mobile contamination)	Medium	Moderate	Intrusive investigation required. Groundwater sampling, subject to ground conditions encountered. Analysis of CoC.
5	- Sulphate attack on concrete.	- Building structure.	- Sulphate.	Likely (given site history, site conditions, geology and direct contact / pathway)	Mild	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.
6	- Ingestion of tainted water supply.	- Future site users. - Water pipes.	- Organic contaminants such as petroleum hydrocarbons, naphthalene, volatile compounds.	Likely (given site history and anticipated ground conditions.)	Medium	Moderate	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.
7	- Direct contact (plant uptake).	- Flora.	- Phytotoxic contaminants such as heavy metals.	Likely (given site history, site conditions and proposed end use)	Minor	Low	Intrusive investigation required. Soil analysis of CoC.

Table 5-4: Preliminary Contamination Conceptual Model.

Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) - See Table 5-1 for contamination sources. Site conditions based on observations during site reconnaissance.

6 Preliminary Geotechnical Risk Assessment

Table 6-1 summarises the possible geotechnical constraints of the site, based on the site history, environmental settings and site reconnaissance. Investigation work will be required to confirm the risks and provide a detailed geotechnical assessment and foundation design.

Coal Mining	Site is not within a Development High Risk Area. No further assessment required.
Slope Stability	Site is relatively flat. No significant slope stability risk anticipated. No further assessment required.
Envirocheck Ground Stability Hazards	No to low hazard identified. No further action required.
Made Ground	Unknown depth and constituent of made ground across the site. Possible in-ground structures from previous developments. Unlikely to be a suitable founding stratap unless engineering work is undertaken.
Superficial	Unknown strength of soils for foundation design. Till anticipated below the site.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater. Shallow / fluctuating groundwater can affect the strength of the soil, particularly in granular ground. Shallow groundwater can also affect construction works.
Plasticity	Plasticity of clay deposits should be confirmed if present on site.
Sulphate	Unknown sulphate content of the made ground and natural
Road / Pavement Design	Unknown CBR values for footpath and road design.
Existing Foundations	As the proposed development is for the conversion of the existing building it may be prudent to obtain information on the existing foundation design.

Table 6-1: Summary of geotechnical constraints.

7 Summary Conclusions and Recommendations

7.1 Summary Conclusions

Table 7-1 summarises the site details, historical review, environmental settings and site reconnaissance.

Current Site Use	The site is occupied by a vacant office and former works building and a car park.
Proposed Development	Residential apartments with soft landscaping.
Main Historical Features	Onsite: Laundry and works. Surrounding Area: Electrical substation, allotment gardens, residential development.
Geology / Hydrogeology	Artificial: No BGS recorded artificial. Superficial: Till, Devensian (Diamicton). Secondary Aquifer - Undifferentiated. Bedrock: Wilmslow Sandstone Formation (sandstone), Principal Aquifer.
Landfills / Infilled ground	No recorded landfills. No potentially infilled ground identified.
Site walkover	The site comprises a vacant office and former works building with a car park to the south west and car parking off Francis Road to the east. The existing building is two storey with an office space located on the first floor. The ground level is raised by around 0.3m in the north east section compared to the south west. The floor of the building is predominately concrete with varying degrees of staining and cracking. The south of the building contains limited stains and is in good condition. The floor in the north of the building is more heavily stained concrete. Evidence of below ground services and drains was noted.

Table 7-1: Summary of site details, historical review, environmental settings and site reconnaissance.

A preliminary contamination conceptual model has been produced by LKC, which is summarised in Table 7-2.

Pollutant Linkage		Risk	Recommendations
PL1: Contaminants posing a risk to future site users via dermal contact, ingestion and inhalation (of soil, dust, fibres and vegetables).	ACM, heavy metals, PAHs, Other inorganic and organic contaminants	Moderate	Intrusive investigation required. Soil analysis of CoC.
	Petroleum hydrocarbons	Moderate / Low	Intrusive investigation required. Soil analysis of CoC.
PL2: Volatile contaminants posing a risk to future site users via the inhalation of vapours.		Moderate	Intrusive investigation required, to include PID testing. Soil analysis of CoC, subject to ground conditions encountered and PID testing.
PL3: Gas posing a risk to buildings and future site users via the migration of gas into building causing explosion and asphyxiation.	Carbon dioxide & methane	Moderate	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
	Radon	Low	(<1%) No protective measures are necessary in the construction of new dwellings or extensions.
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.		Moderate	Intrusive investigation required. Groundwater sampling, subject to ground conditions encountered. Analysis of CoC.
PL5: Sulphate posing a risk to building via direct contact (sulphate attack).		Moderate / Low	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.
PL6: Organic contaminants posing a risk to water pipes.		Moderate	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.
PL7: Phytotoxic metals posing a risk to flora via root uptake.		Low	Intrusive investigation required. Soil analysis of CoC.

Table 7-2: Summary risk table.

Where moderate / low risk had been identified, the assumed risk is shown in bold.

A preliminary geotechnical assessment has been carried out by LKC. Table 7-3 summarises the geotechnical constraints.

Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits should be confirmed if present on site.
Sulphate	Unknown sulphate content of the made ground and natural.
Road / Pavement Design	Unknown CBR values for footpath and road design should be calculated.

Table 7-3: Summary of geotechnical constraints.

7.2 Recommendations

Recommendations are provided in Table 7-4.

Contamination status	There is sufficient information on the potential contaminative status of the site to allow conditional approval of a planning application, based on the proposed end use detailed in the PRA.
Further assessment recommendations	Phase 2 intrusive investigation required. Phase 2 investigation to be carried out in line with current guidance, including BS10175 ¹⁰ , BS5930 ¹¹ CIRIA C665 ¹² , RB17 ¹³ and BS8485 ¹⁴ . 'Detailed investigation': 1 sample per 10-25m square centres. Plus targeted investigation locations in areas of concern (contamination and geotechnical). To be agreed with the Local Authority.
Type of investigation work	Boreholes and / or trial pits.
PL 1, 2, 5, 6, 7	Intrusive investigation work recommended to confirm ground conditions across the site. Testing of contaminants of concern based on preliminary conceptual model and field observations (PID tests and visual / olfactory evidence).
PL 3	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required. Gas monitoring: monitoring wells to be installed in boreholes, monitoring frequency and period subject to anticipated risk.
PL 4	Groundwater sampling, subject to ground conditions encountered.
Reporting	Information from the above can be used to carry out a contamination and geotechnical assessment and provide a remediation strategy for the site.

Table 7-4: Recommendations.

¹⁰ British Standard (2017). "Investigation of Potentially Contaminated Sites – Code of Practice". BS10175:2017.

¹¹ British Standard (2015). "Code of Practice for Ground Investigations". BS5930:2015.

¹² CIRIA (2007). "Assessing Risks Posed by Hazardous Ground Gases to Buildings". CIRIA C665.

¹³ CL:AIRE Research Bulletin RB17 (November 2012) "A Pragmatic Approach to Ground Gas Risk Assessment".

¹⁴ BSI (2015). "Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings". BS8485:2015.

Figures



FSG Francis Road Developments Ltd
& Southway Housing Trust

Site:
Francis Road, Manchester

Job No.: LKC 21 1501 Drawn By: RW Checked By: MT Drawn: July 2022

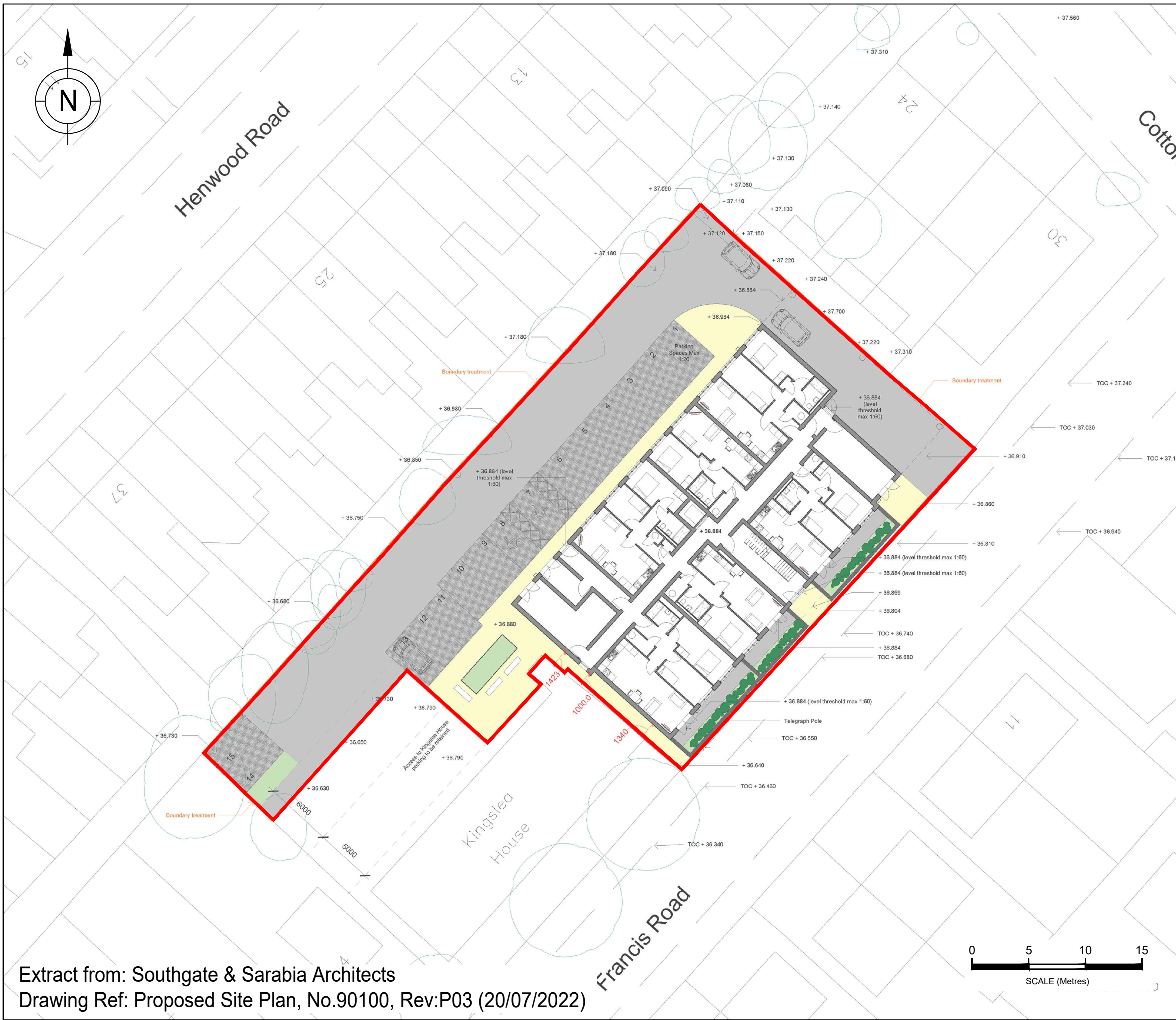
Title:
Site Location &
Boundary Plan

Scale (see scale bar):
1:25,000 &
1:1500 @ A4

Figure:
1

Revision:
1

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KEY

Site Boundary

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.

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CONSULT LIMITED

Client:
**FSG Francis Road Developments Ltd
& Southway Housing Trust**

Site:
Francis Road, Manchester

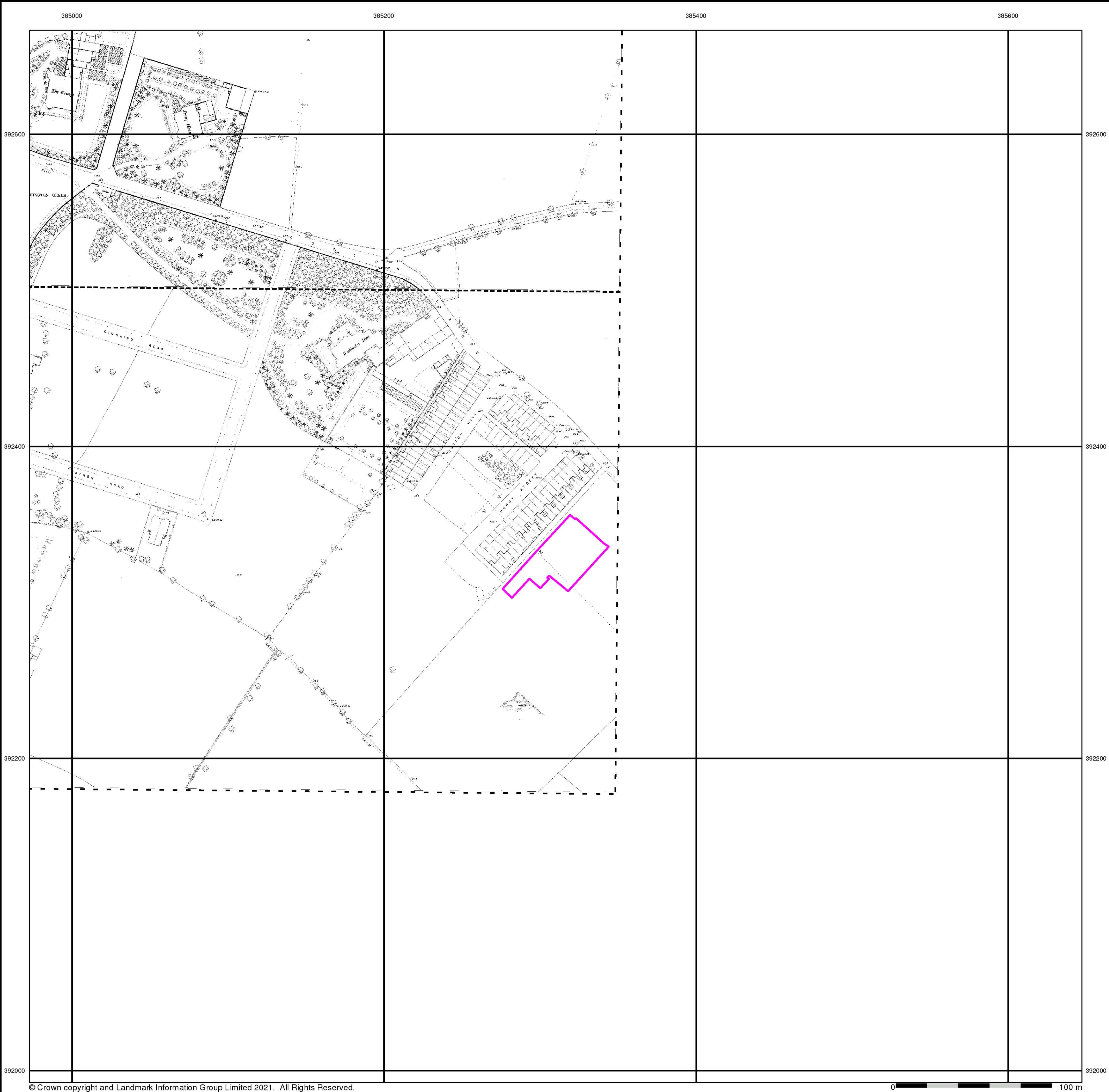
Title:
Proposed Layout Plan

Job No.: LKC 21 1501	Scale (See Scale Bar): See Scale Bar	Figure: 2	Revision: 4
Drawn By: AC	Checked By: MT	Drawn: Jul 2022	

Extract from: Southgate & Sarabia Architects
Drawing Ref: Proposed Site Plan, No.90100, Rev:P03 (20/07/2022)

Appendix A

Historical Maps



GROUP

Lancashire And Furness

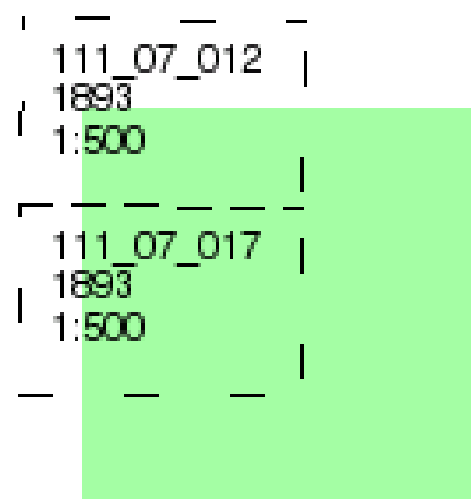
Published 1893

Source map scale - 1:500

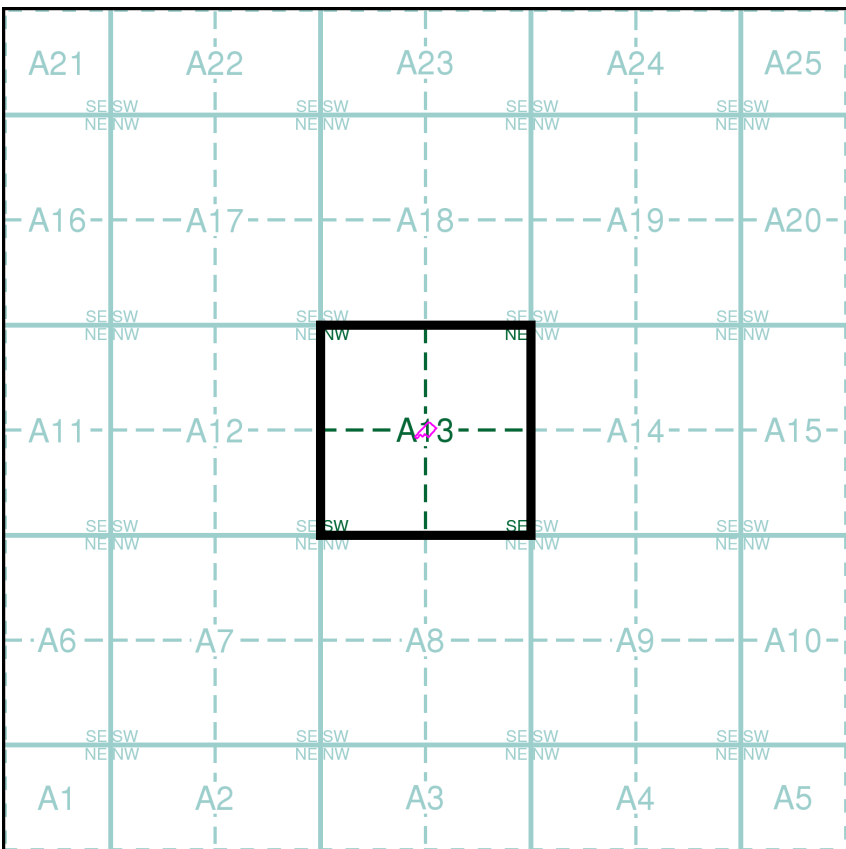
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

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: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 0

Site Details

Francis Road, Manchester, M20 4XP



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Fax: 0844 844 9951
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Historical Mapping Legends

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



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



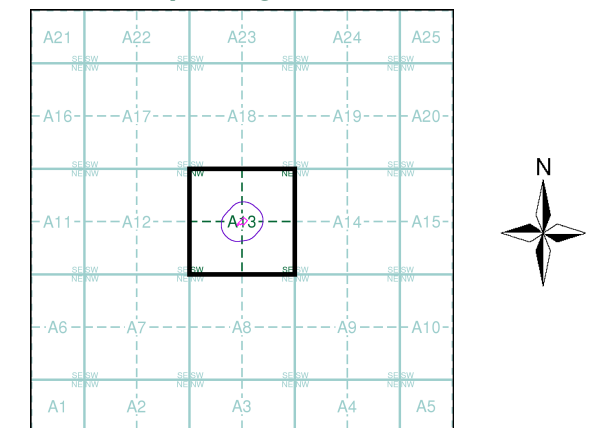
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cheshire	1:2,500	1872	2
Lancashire And Furness	1:2,500	1894	3
Cheshire	1:2,500	1898	4
Lancashire And Furness	1:2,500	1907	5
Cheshire	1:2,500	1910	6
Lancashire And Furness	1:2,500	1922	7
Lancashire And Furness	1:2,500	1934	8
Ordnance Survey Plan	1:1,250	1956 - 1958	9
Ordnance Survey Plan	1:2,500	1957 - 1959	10
Additional SIMs	1:1,250	1958 - 1988	11
Ordnance Survey Plan	1:1,250	1974 - 1975	12
Additional SIMs	1:1,250	1988 - 1992	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1996	16
Historical Aerial Photography	1:2,500	2000	17

Historical Map - Segment A13



Order Details

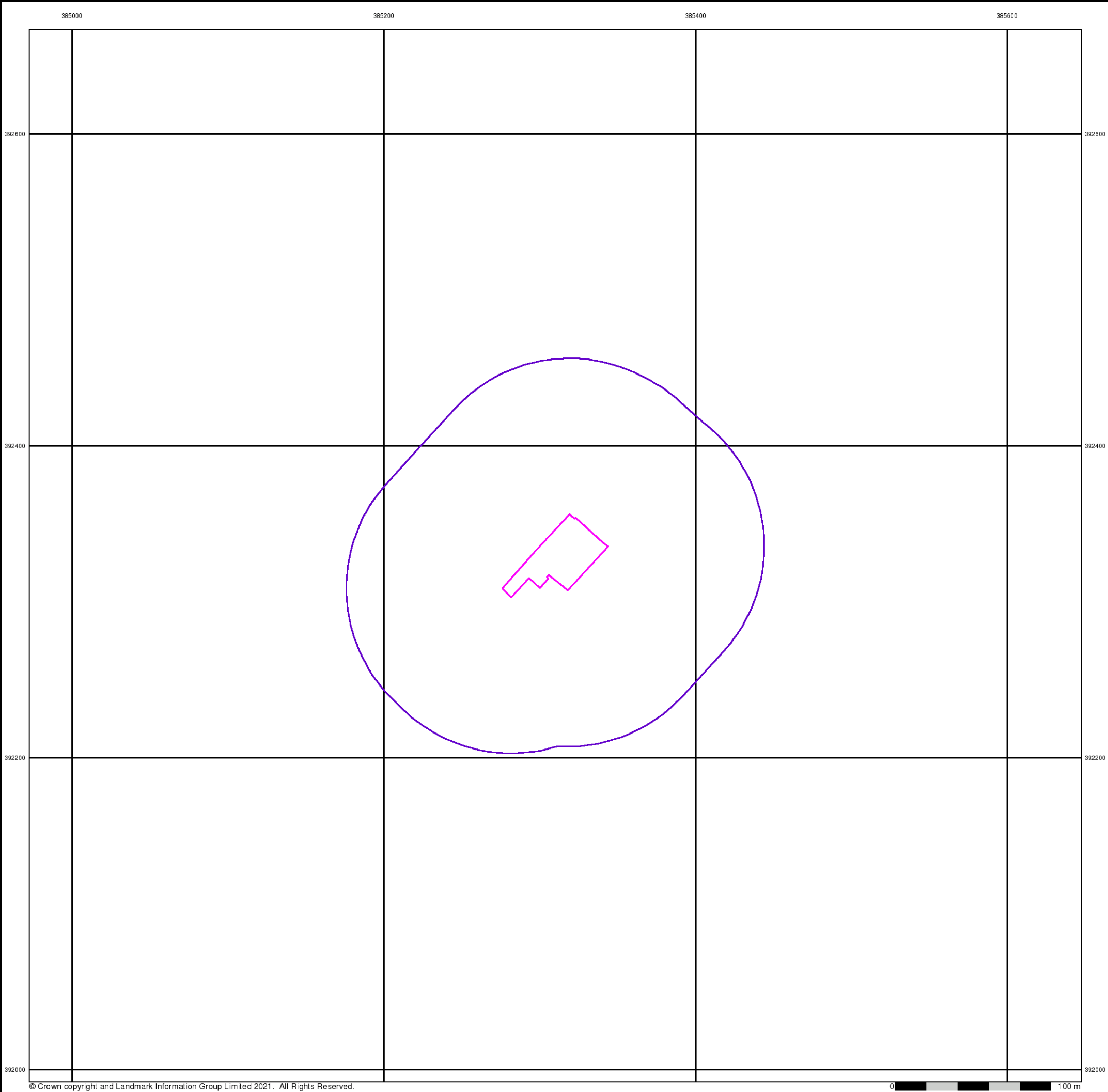
Order Number: 283948819_1_1
 Customer Ref: LKC 21 1501
 National Grid Reference: 385310, 392330
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 100

Site Details

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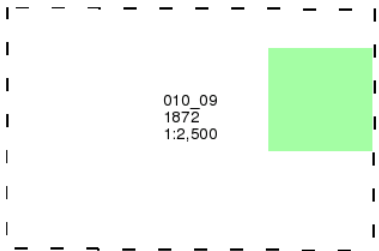


Published 1872

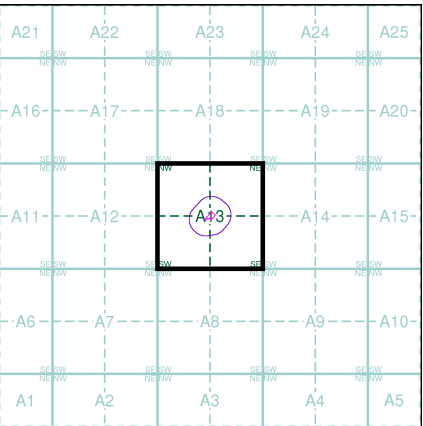
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

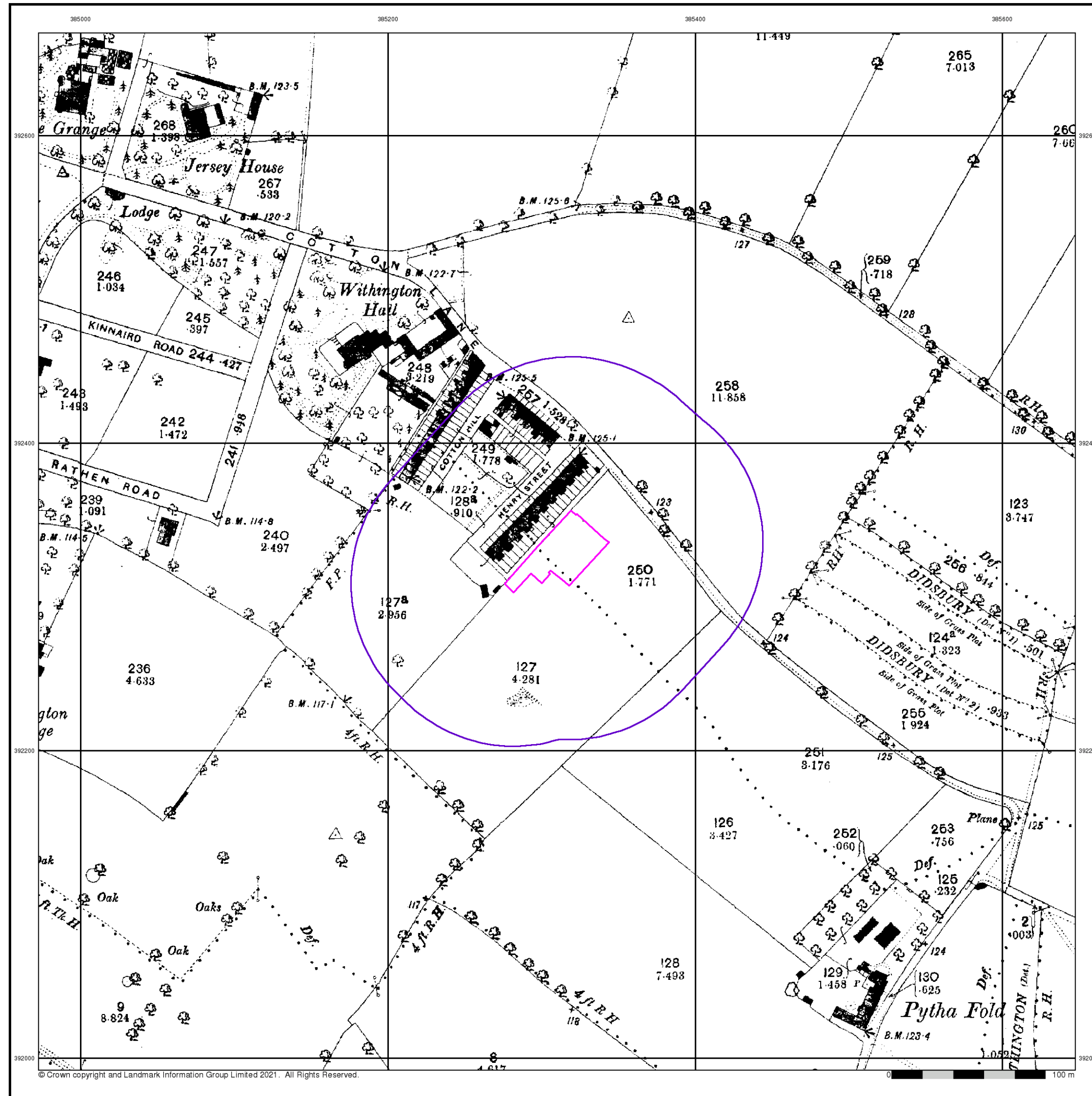


Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

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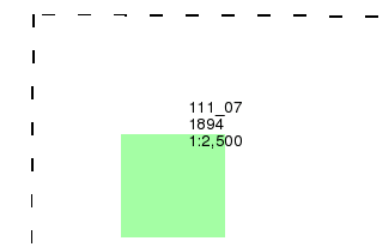
Lancashire And Furness

Published 1894

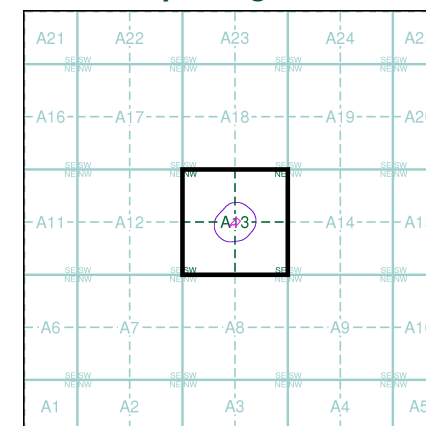
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

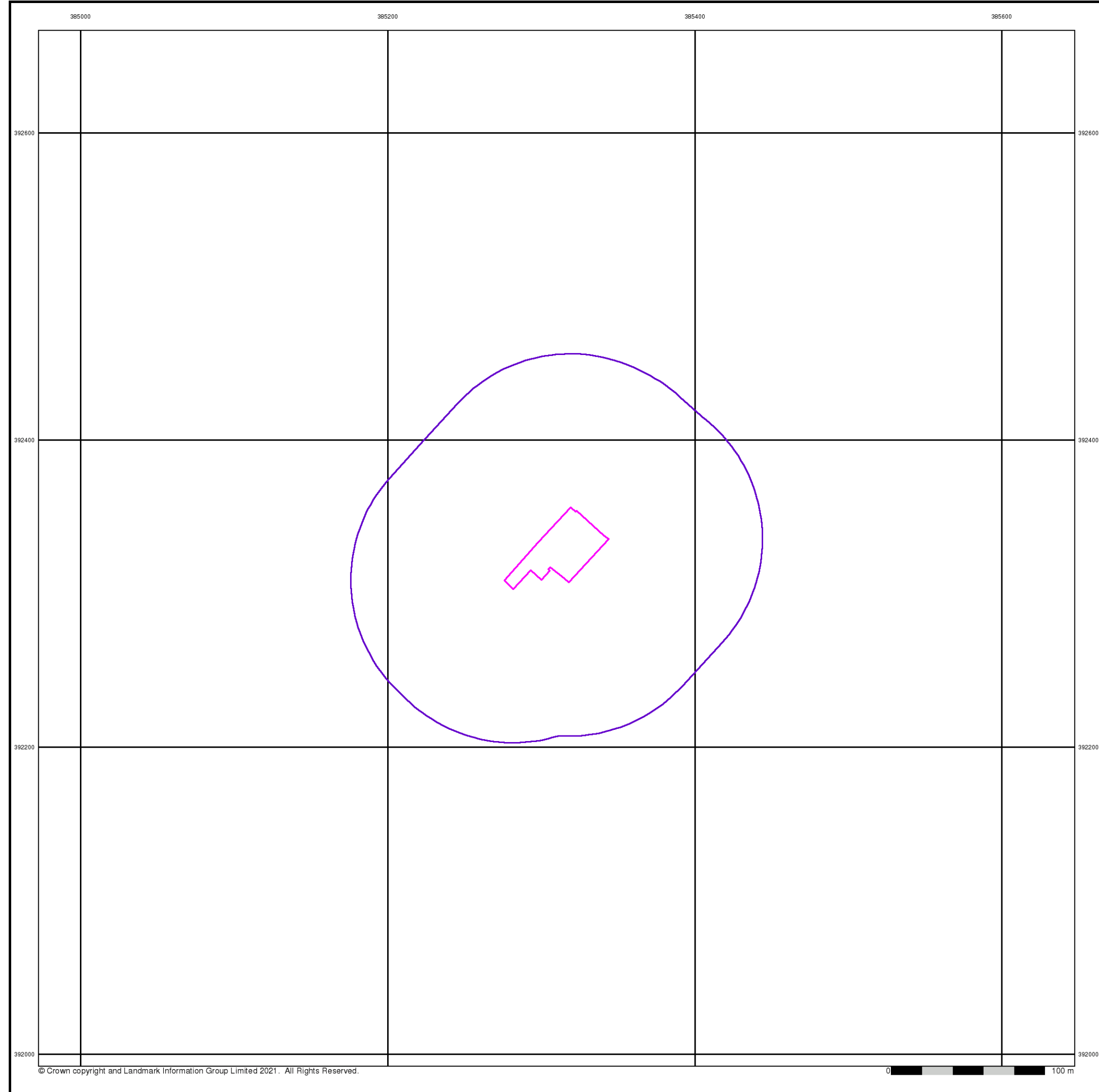
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

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Published 1898

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

010_09
1898
1:2,500

Historical Map - Segment A13

Order Details

Order Number:	283948819_1_1
Customer Ref:	LKC 21 1501
National Grid Reference:	385310, 392330
Slice:	A
Site Area (Ha):	0.16
Search Buffer (m):	100

Site Details

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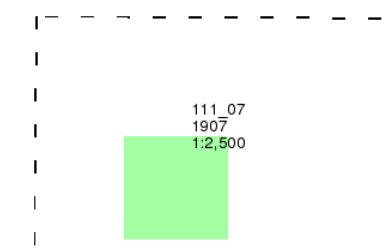
A Landmark Information Group Service v50.0 24-Aug-2021 Page 4 of 17

Published 1907

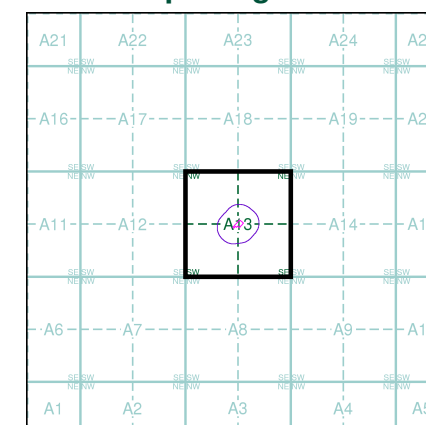
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

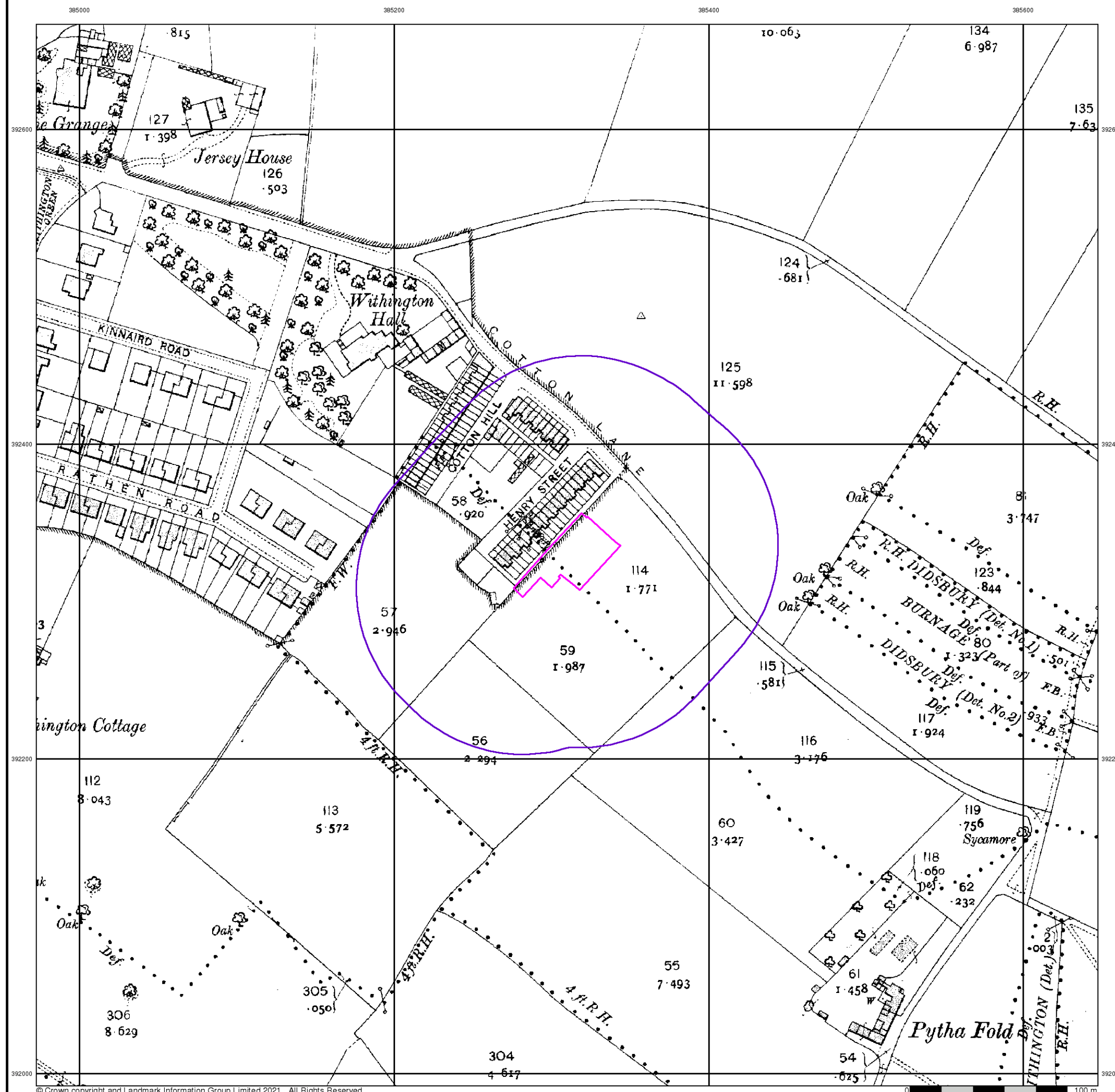


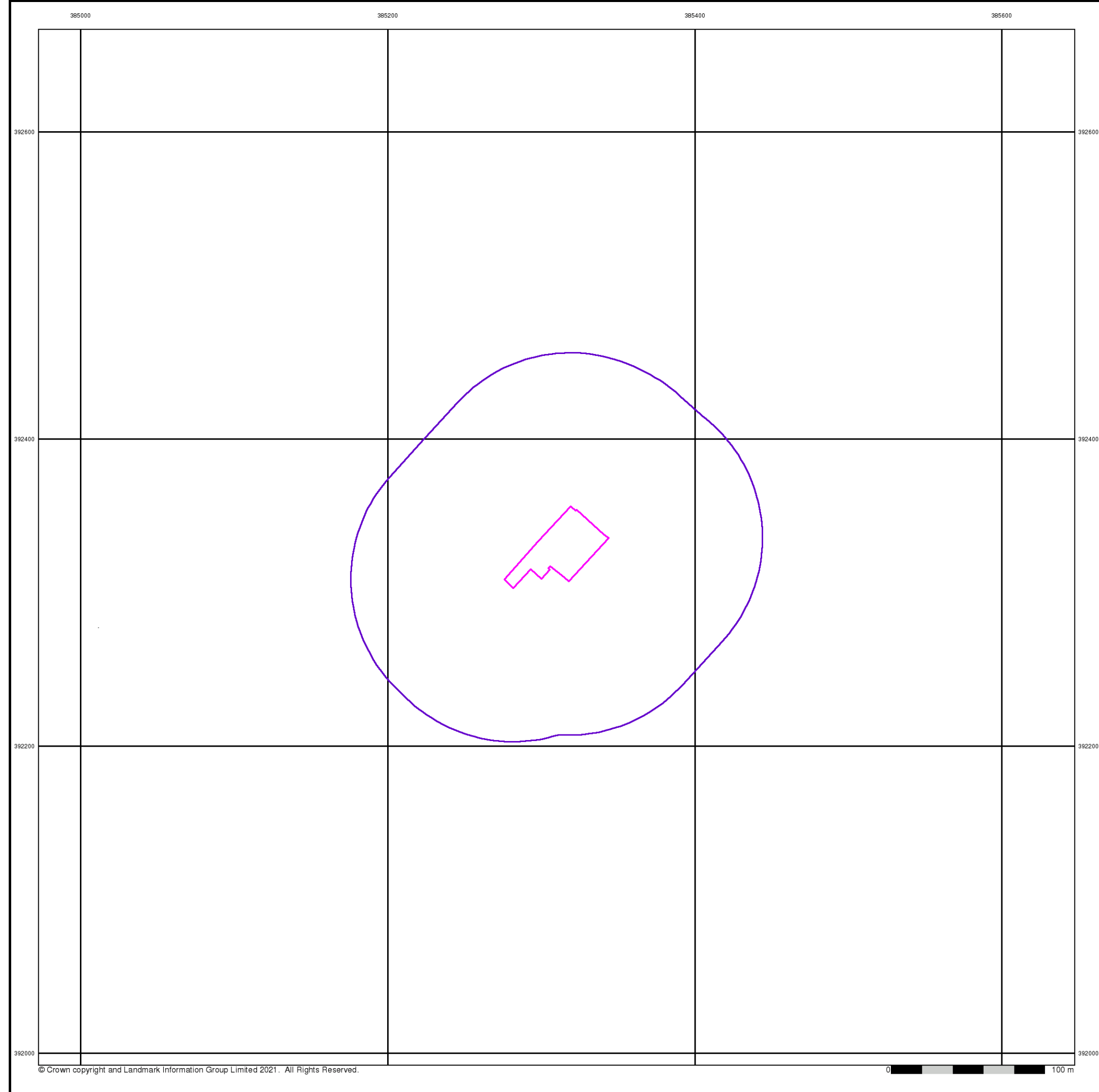
Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Francis Road, Manchester, M20 4XP





Published 1910

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)

010_09
1910
1:2,500

Historical Map - Segment A13

Order Details

Order Number:	283948819_1_1
Customer Ref:	LKC 21 1501
National Grid Reference:	385310, 392330
Slice:	A
Site Area (Ha):	0.16
Search Buffer (m):	100

Site Details

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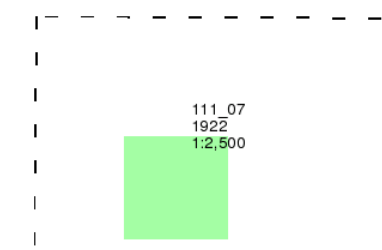
A Landmark Information Group Service v50.0 24-Aug-2021 Page 6 of 17

Published 1922

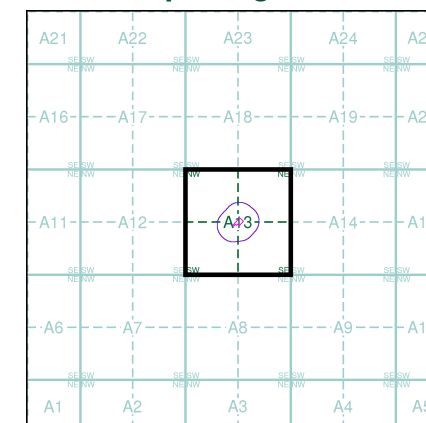
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

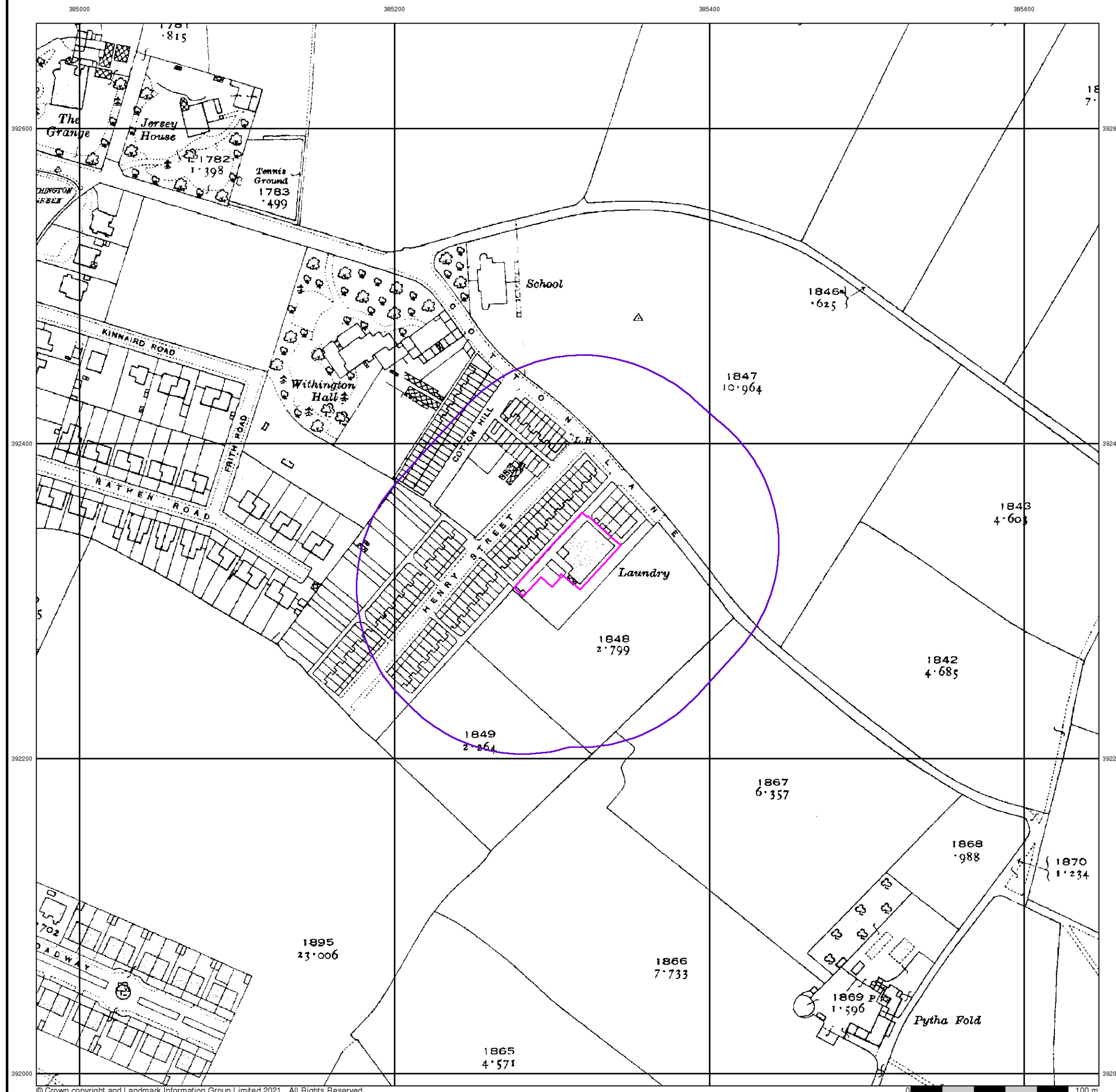


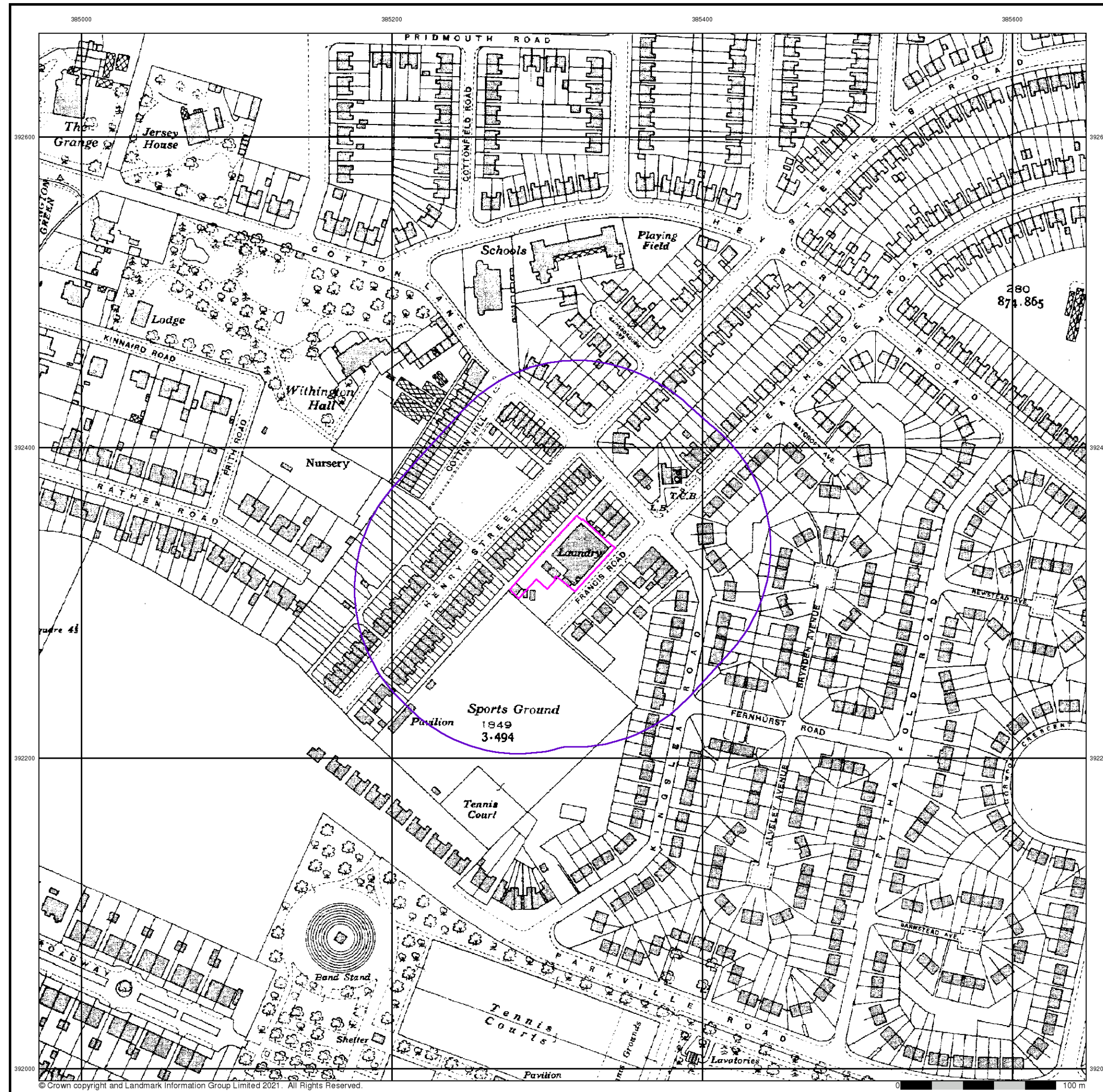
Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

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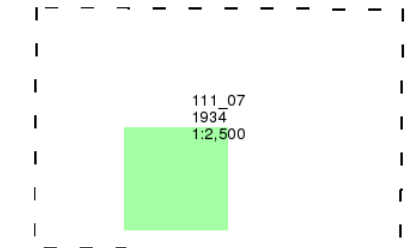
Lancashire And Furness

Published 1934

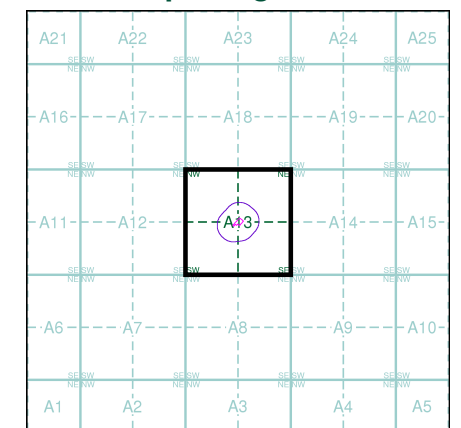
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

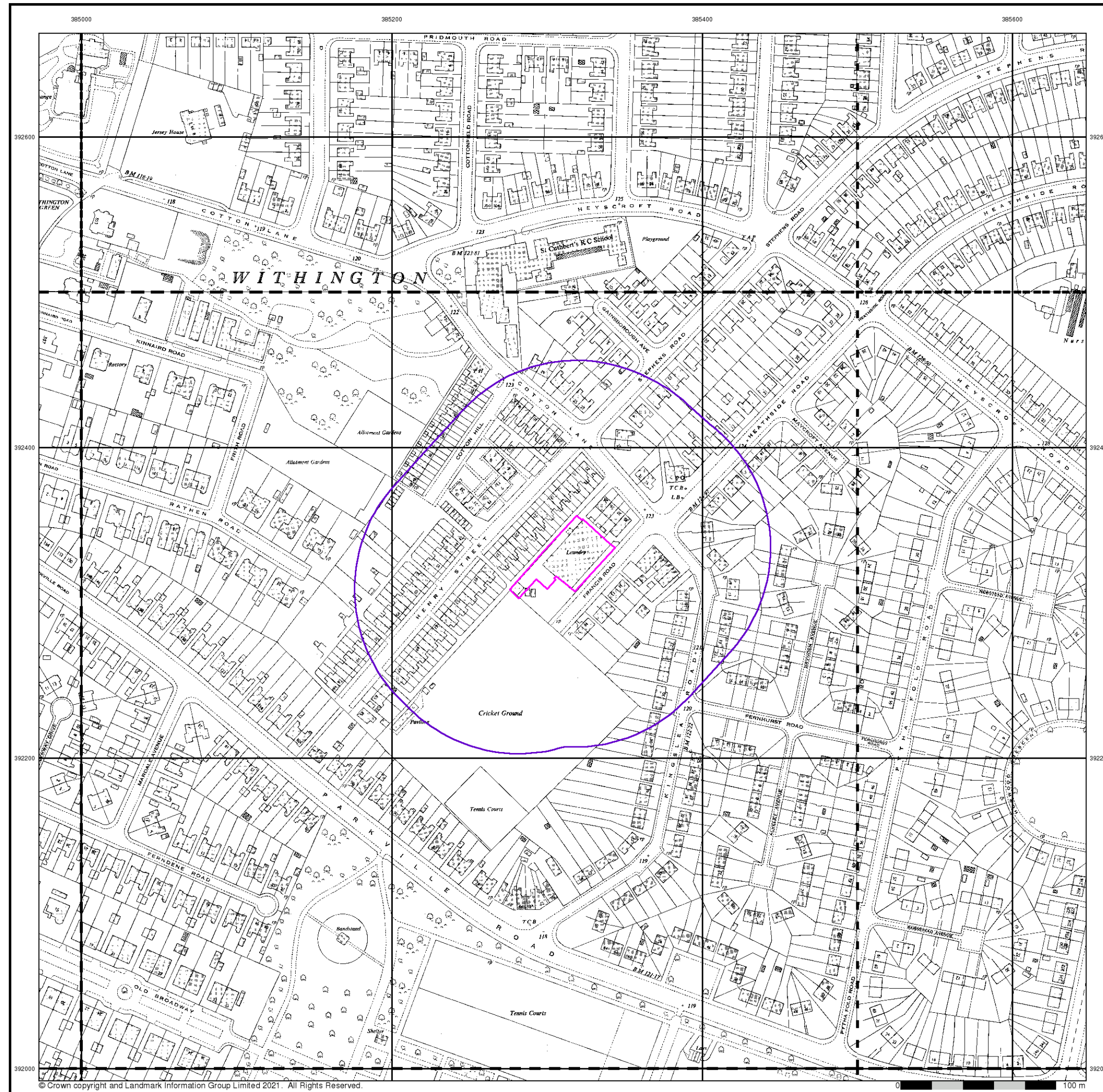
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1956 - 1958

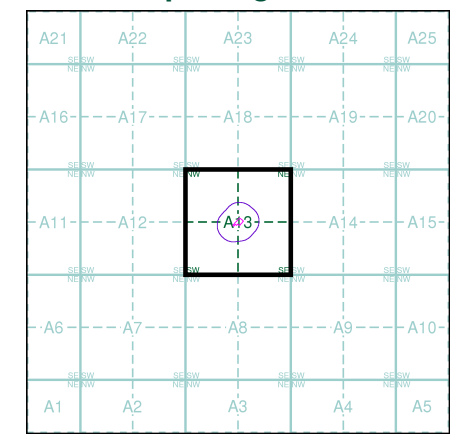
Source map scale - 1:1,250

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)

SJ8492NE	SJ8592NW	SJ8592NE
1956	1958	1958
1:1,250	1:1,250	1:1,250
SJ8492SE	SJ8592SW	SJ8592SE
1958	1958	1958
1:1,250	1:1,250	1:1,250
SJ8491NE	SJ8591NW	SJ8591NE
1956	1958	1958
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

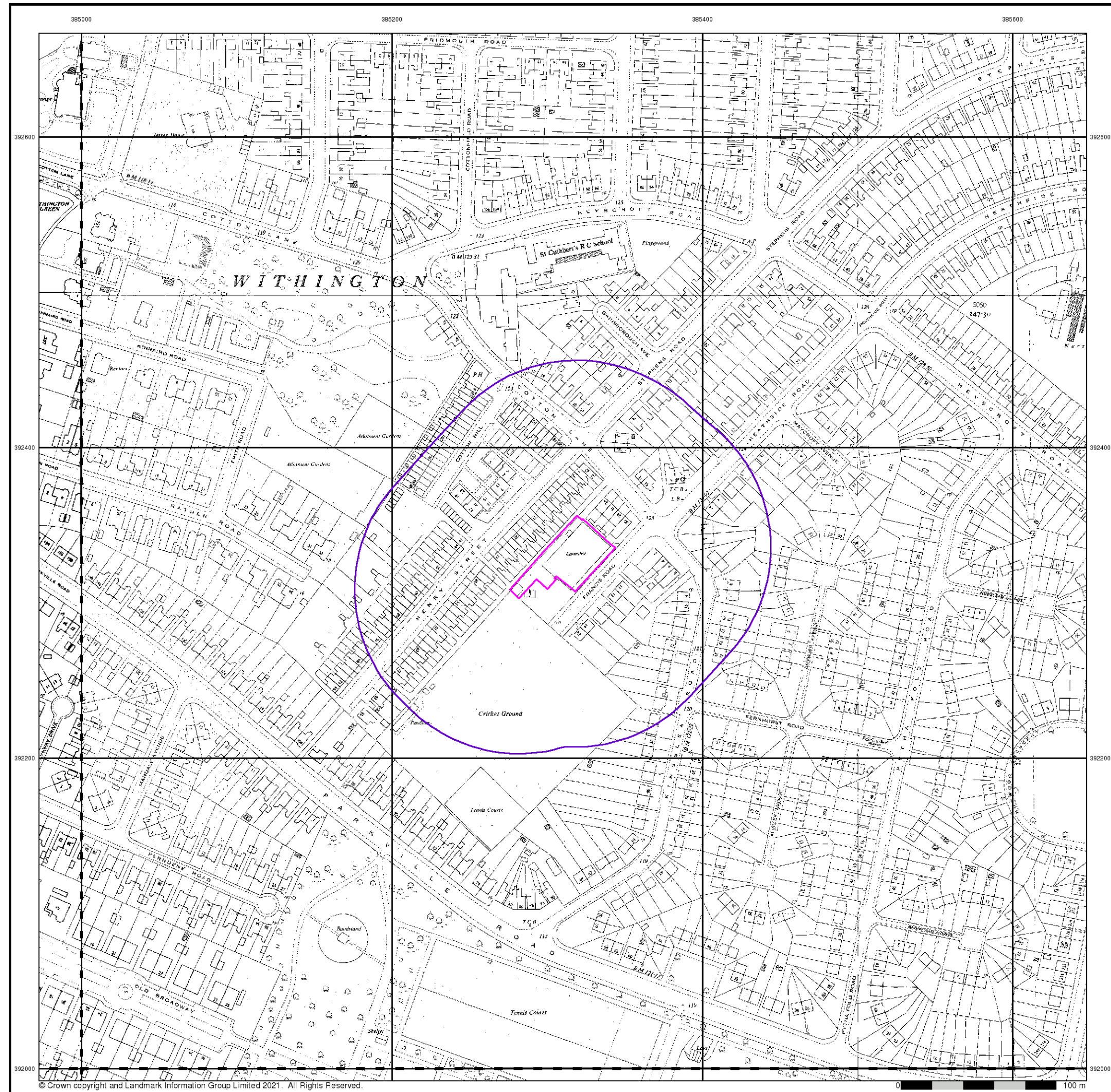


Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Francis Road, Manchester, M20 4XP





Ordnance Survey Plan

Published 1957 - 1959

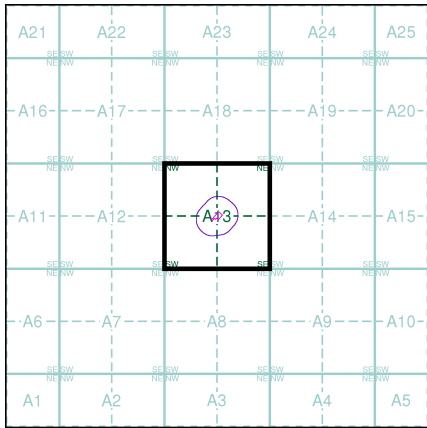
Source map scale - 1:2,500

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)

SJ8492 1958 12,500	SJ8592 1959 12,500
SJ8491 1957 12,500	SJ8591 1959 12,500

Historical Map - Segment A13



Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

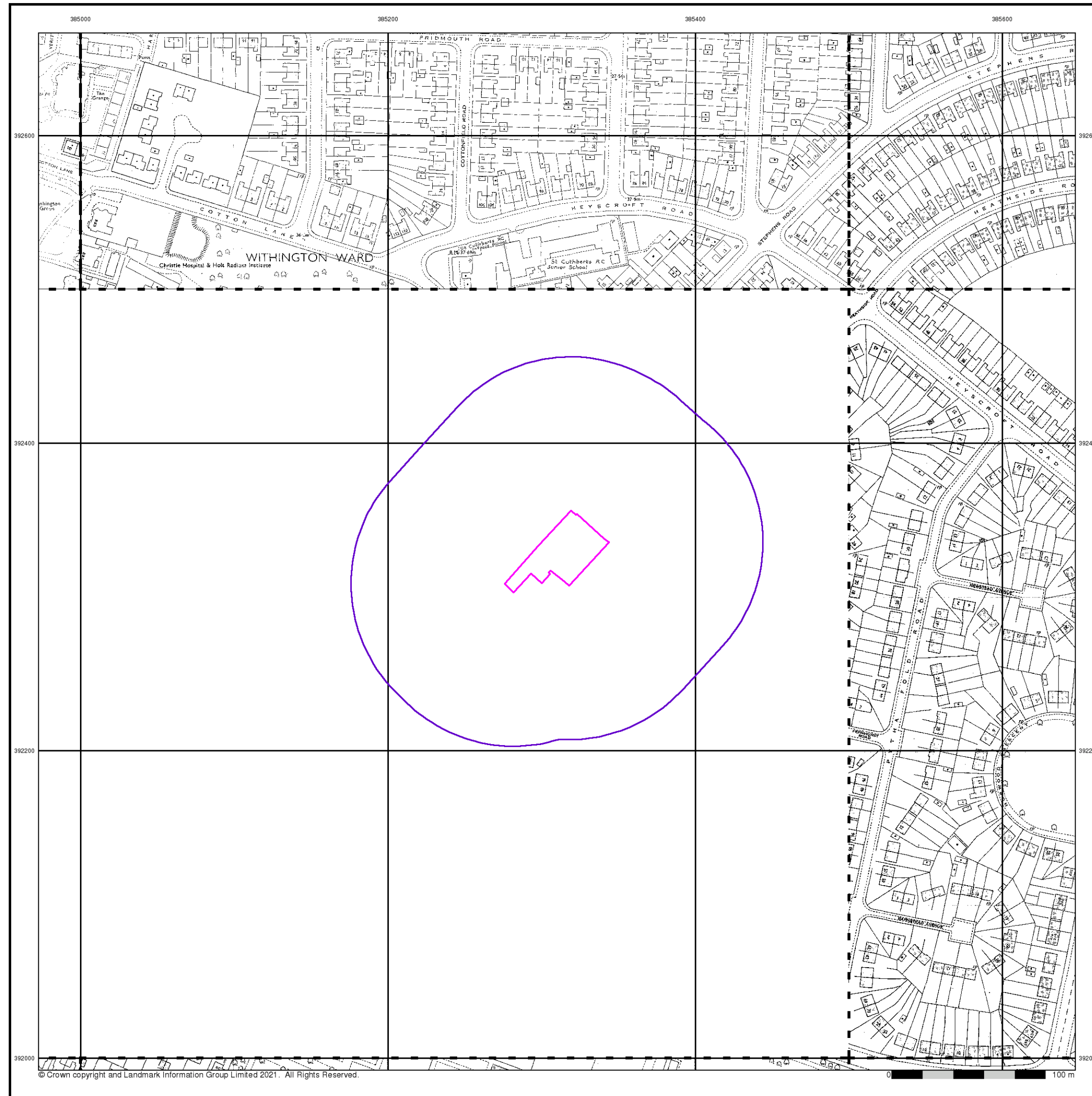
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0 100 m

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Additional SIMs

Published 1958 - 1988

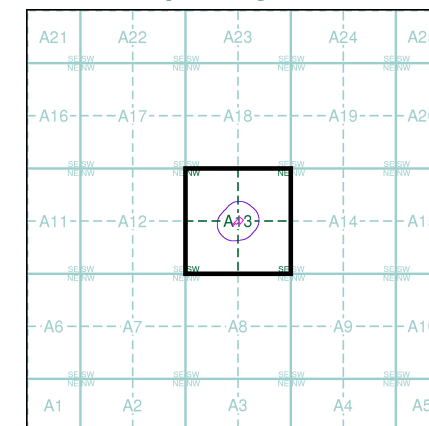
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8492NE	SJ8592NW	SJ8592NE
1984	1988	1988
1:1,250	1:1,250	1:1,250
L - - - - -		
		SJ8592SE
		1988
		1:1,250
- - - - -		
SJ8491NE	SJ8591NW	SJ8591NE
1984	1988	1988
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13



Order Details

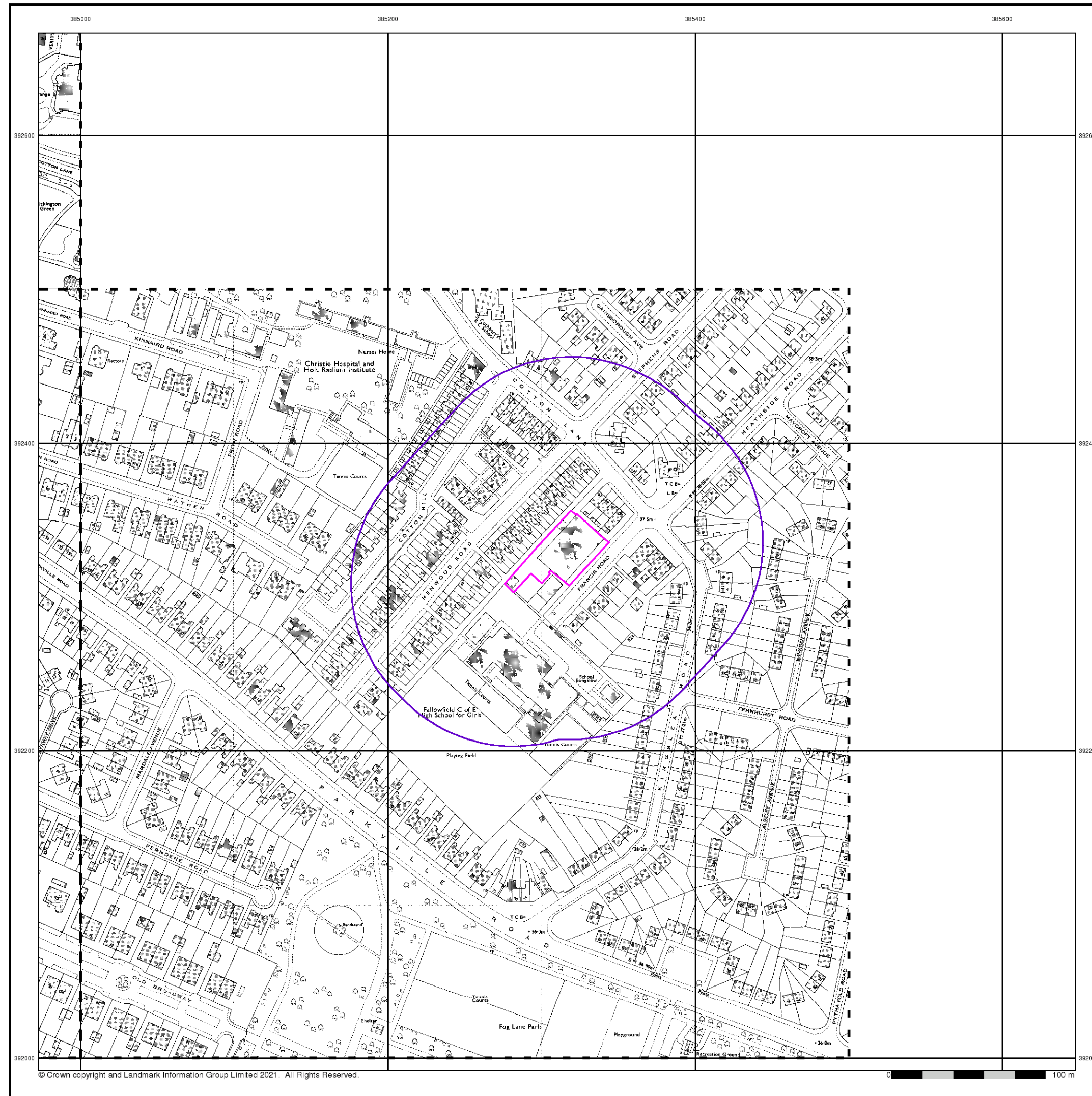
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

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Ordinance Survey Plan

Published 1974 - 1975

Source map scale - 1:1,250

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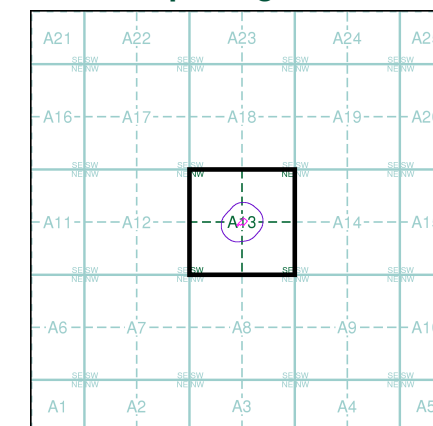
Map Name(s) and Date(s)

SJ8492NE
1974
1:1,250

SJ8492SE
1974
1:1,250

SJ8592SW
1975
1:1,250

Historical Map - Segment A13



Order Details

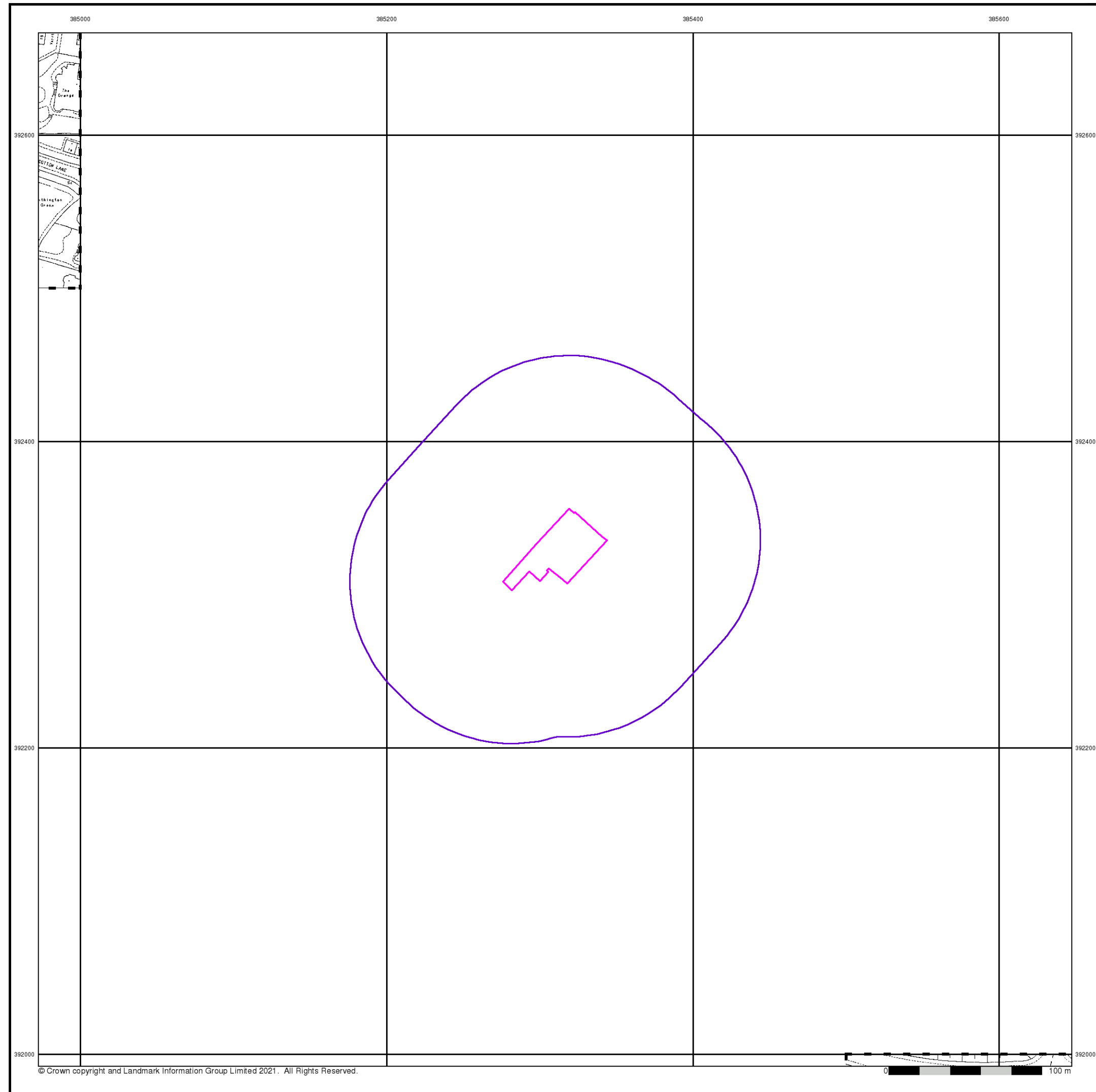
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Francis Road, Manchester, M20 4XP



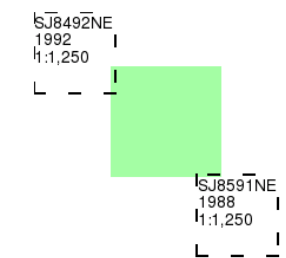
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



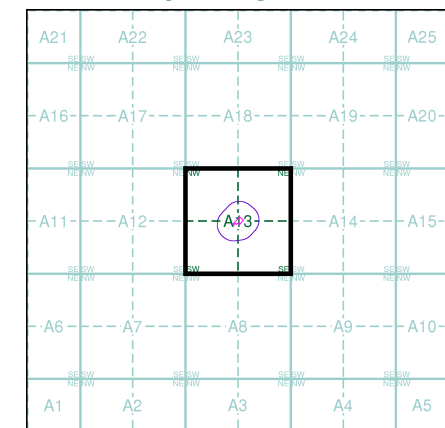
Published 1988 - 1992
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

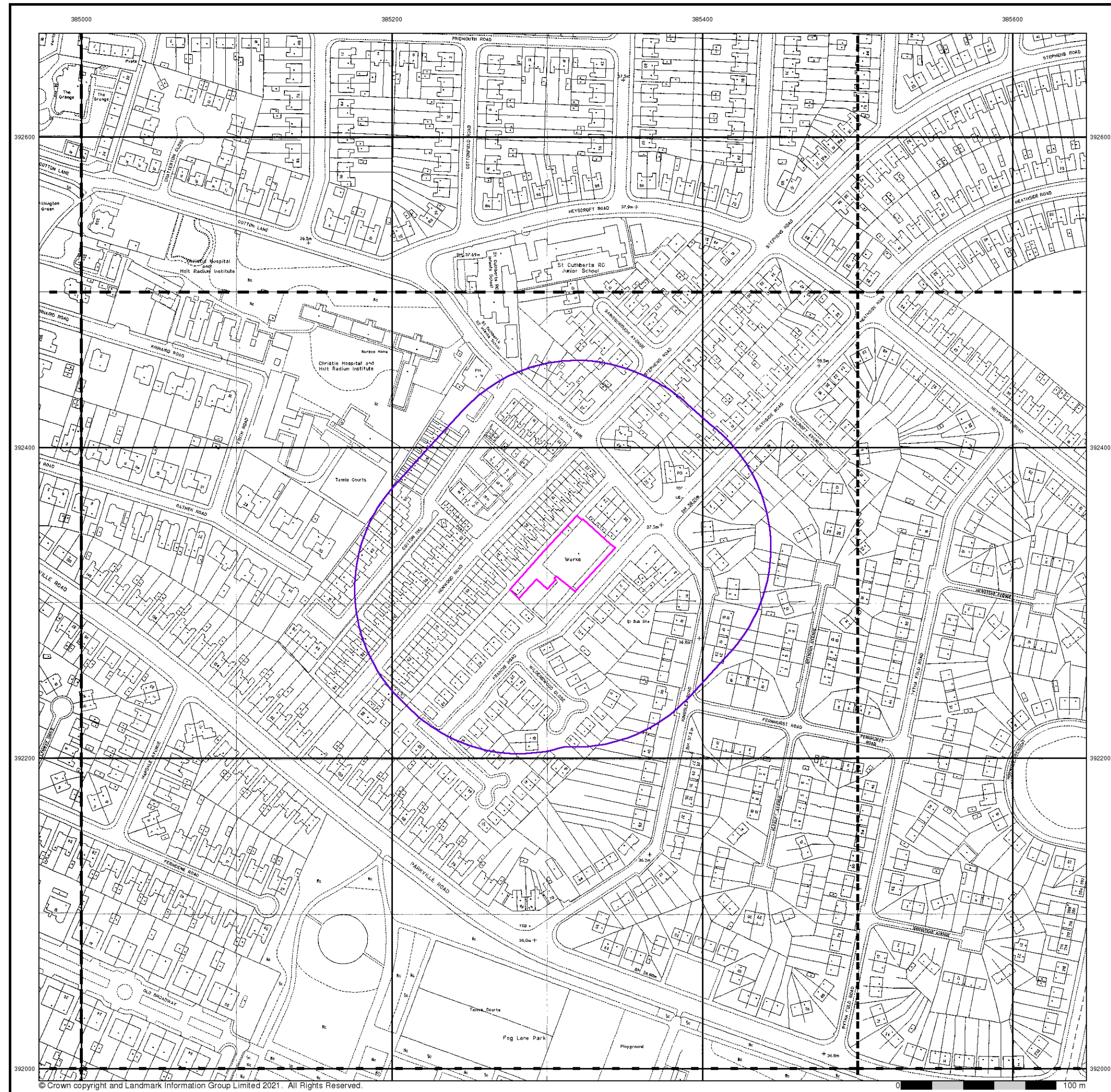


Historical Map - Segment A13



Order Details
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details
Francis Road, Manchester, M20 4XP



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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)

SJ8492NE	SJ8592NW	SJ8592NE
1992	1992	1992
1:1,250	1:1,250	1:1,250
SJ8492SE	SJ8592SW	SJ8592SE
1992	1992	1992
1:1,250	1:1,250	1:1,250
SJ8491NE	SJ8591NW	SJ8591NE
1992	1992	1992
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

N

Compass rose indicating North.

Order Details

Order Number:

283948819_1_1

Customer Ref:

LKC 21 1501

National Grid Reference:

385310, 392330

Slice:

A

Site Area (Ha):

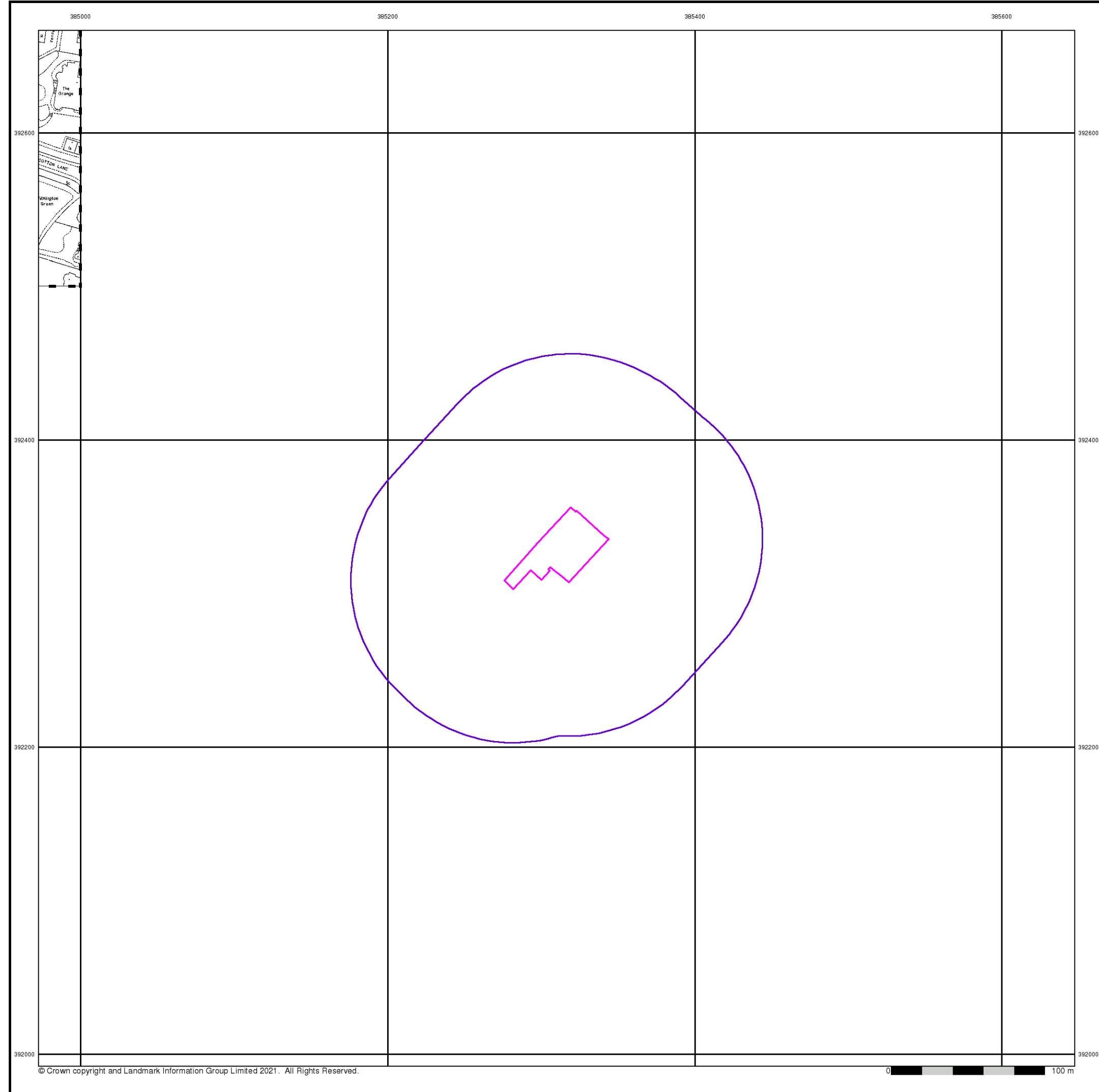
0.16

Search Buffer (m):

100

Site Details

Francis Road, Manchester, M20 4XP





Large-Scale National Grid Data

Published 1993

Source map scale - 1:1,250

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

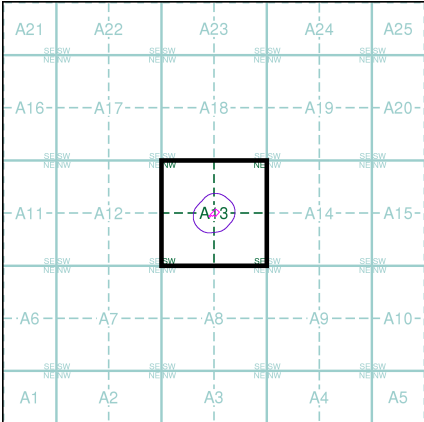
Map Name(s) and Date(s)

SJ8492NE

1993

1:1,250

Historical Map - Segment A13



Order Details

Order Number:	283948819_1_1
Customer Ref:	LKC 21 1501
National Grid Reference:	385310, 392330
Slice:	A
Site Area (Ha):	0.16
Search Buffer (m):	100

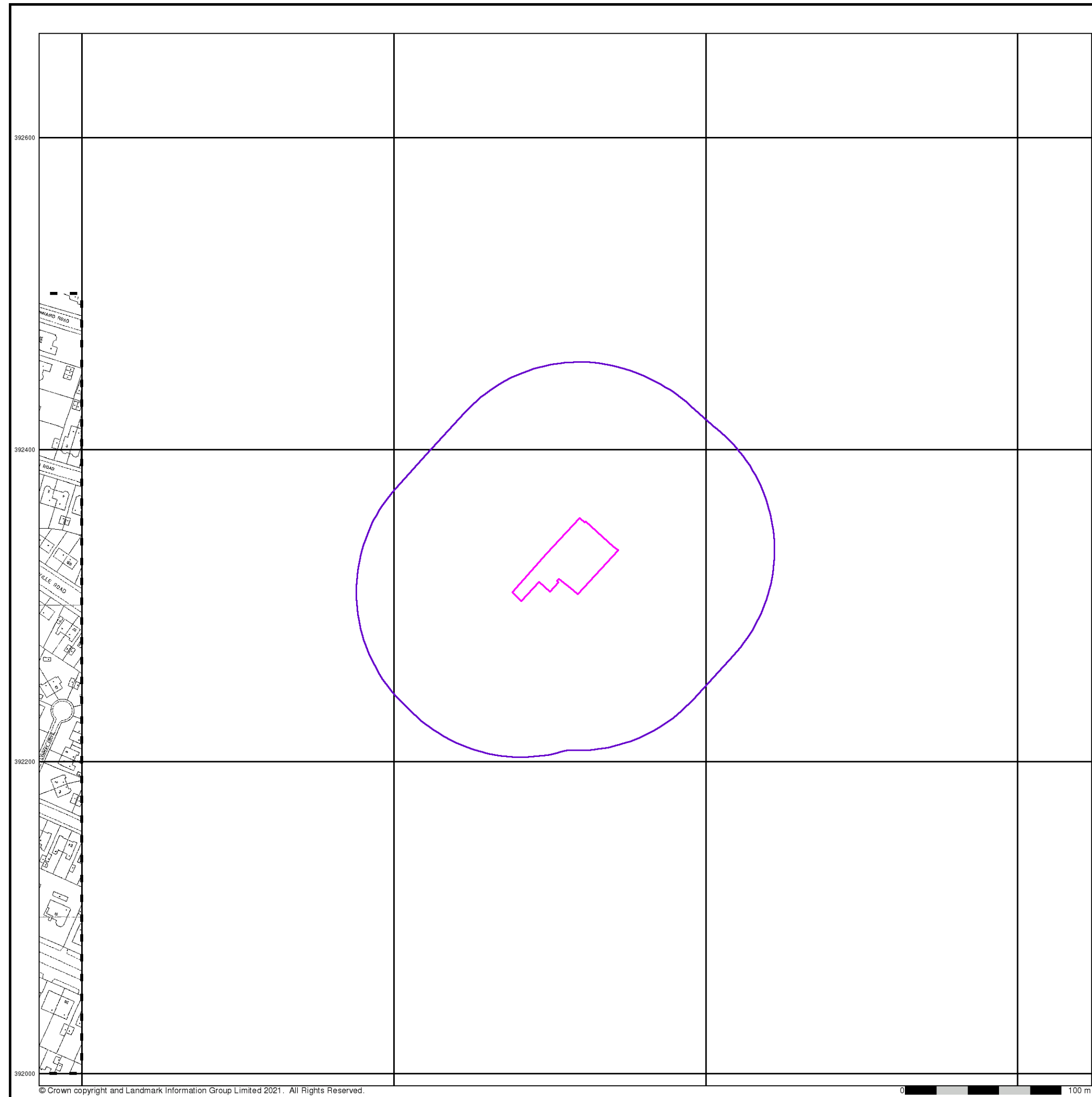
Site Details

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GROUP

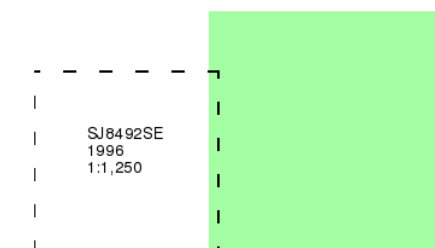
Large-Scale National Grid Data

Published 1996

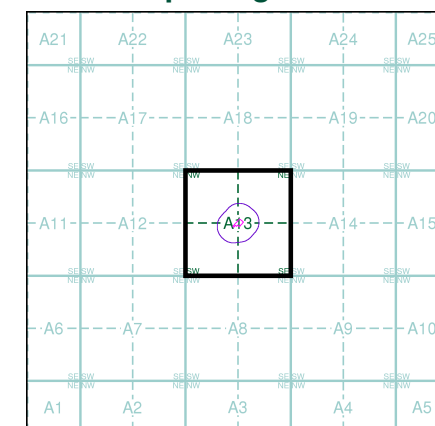
Source map scale - 1:1,250

'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: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 100

Site Details

Francis Road, Manchester, M20 4XP

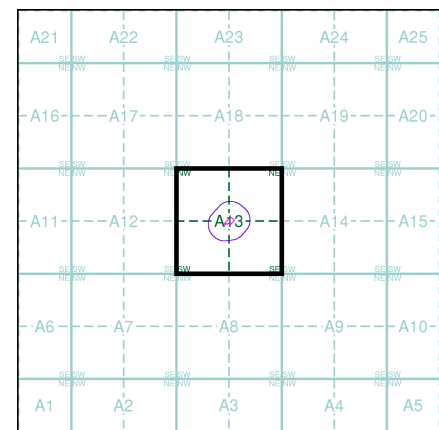


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This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS		Ch
	CH		F E Sta
	FB		Fn
	GP		MP
	MS		Pol Sta
	PO		PC
	PH		SB
	Spr		TCB
	TCP		W
	Police Station		Post Office
	Public Convenience		Public House
	Signal Box		Spring
	Telephone Call Box		Telephone Call Post
	Well		

1:10,000 Raster Mapping

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

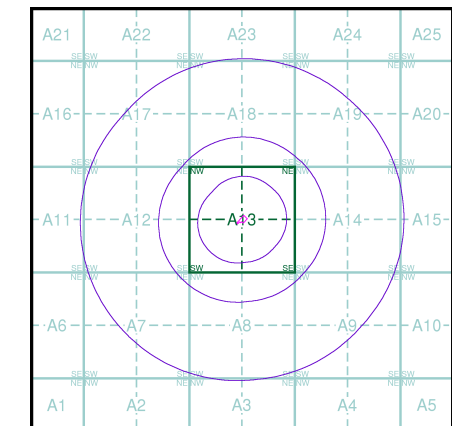


GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1895	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1911	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1934	10
Cheshire	1:10,560	1938	11
Lancashire And Furness	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955	13
Ordnance Survey Plan	1:10,000	1965 - 1966	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1981 - 1985	17
Ordnance Survey Plan	1:10,000	1989	18
Ordnance Survey Plan	1:10,000	1990	19
10K Raster Mapping	1:10,000	1999	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2021	22

Historical Map - Slice A



Order Details

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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Small Bridge Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

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

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

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station Dismantled Railroad Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge Water Level Mark

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

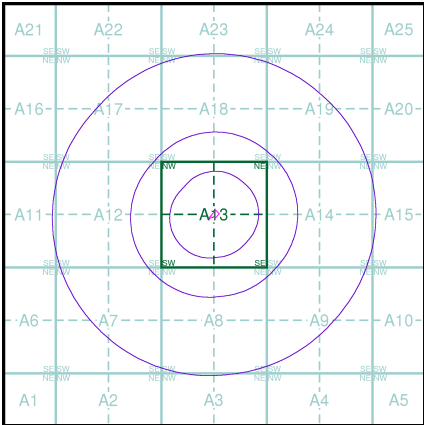
Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894 - 1895	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1908 - 1911	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1934	10
Cheshire	1:10,560	1938	11
Lancashire And Furness	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1955	13
Ordnance Survey Plan	1:10,000	1965 - 1966	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1976	16
Ordnance Survey Plan	1:10,000	1981 - 1985	17
Ordnance Survey Plan	1:10,000	1989	18
Ordnance Survey Plan	1:10,000	1990	19
10K Raster Mapping	1:10,000	1999	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2021	22

Russian Map - Slice A



Order Details

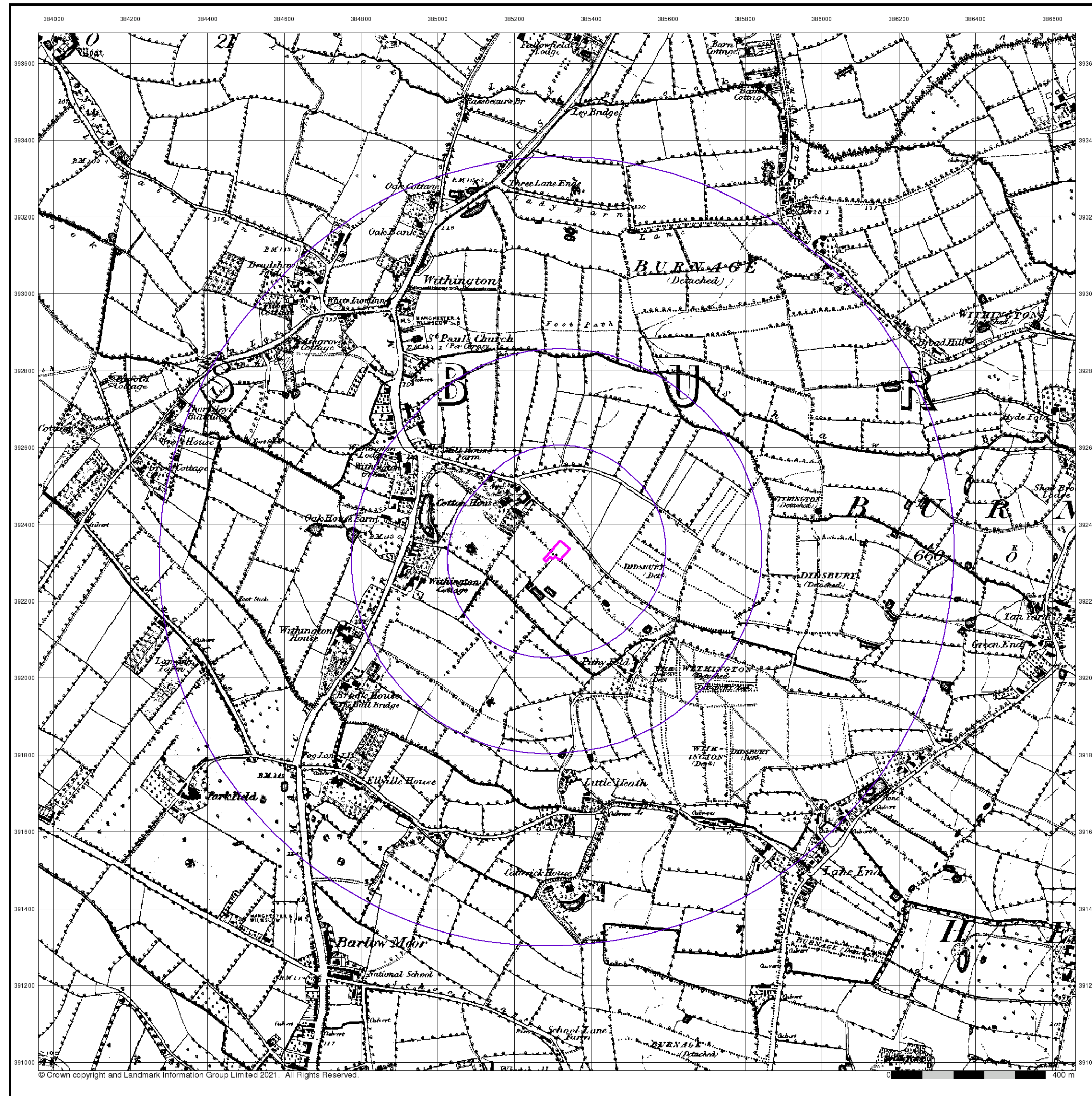
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

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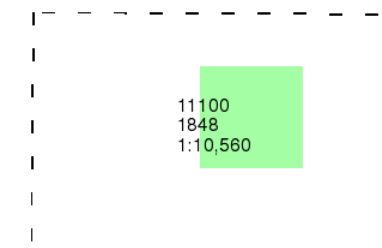
Lancashire And Furness

Published 1848

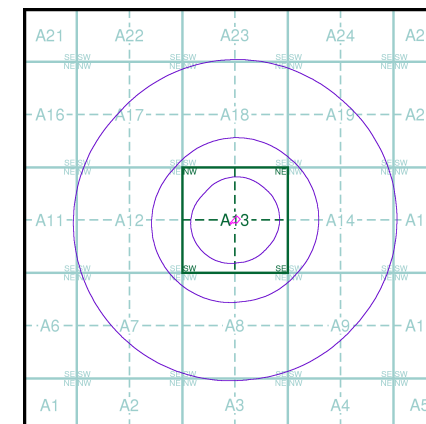
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

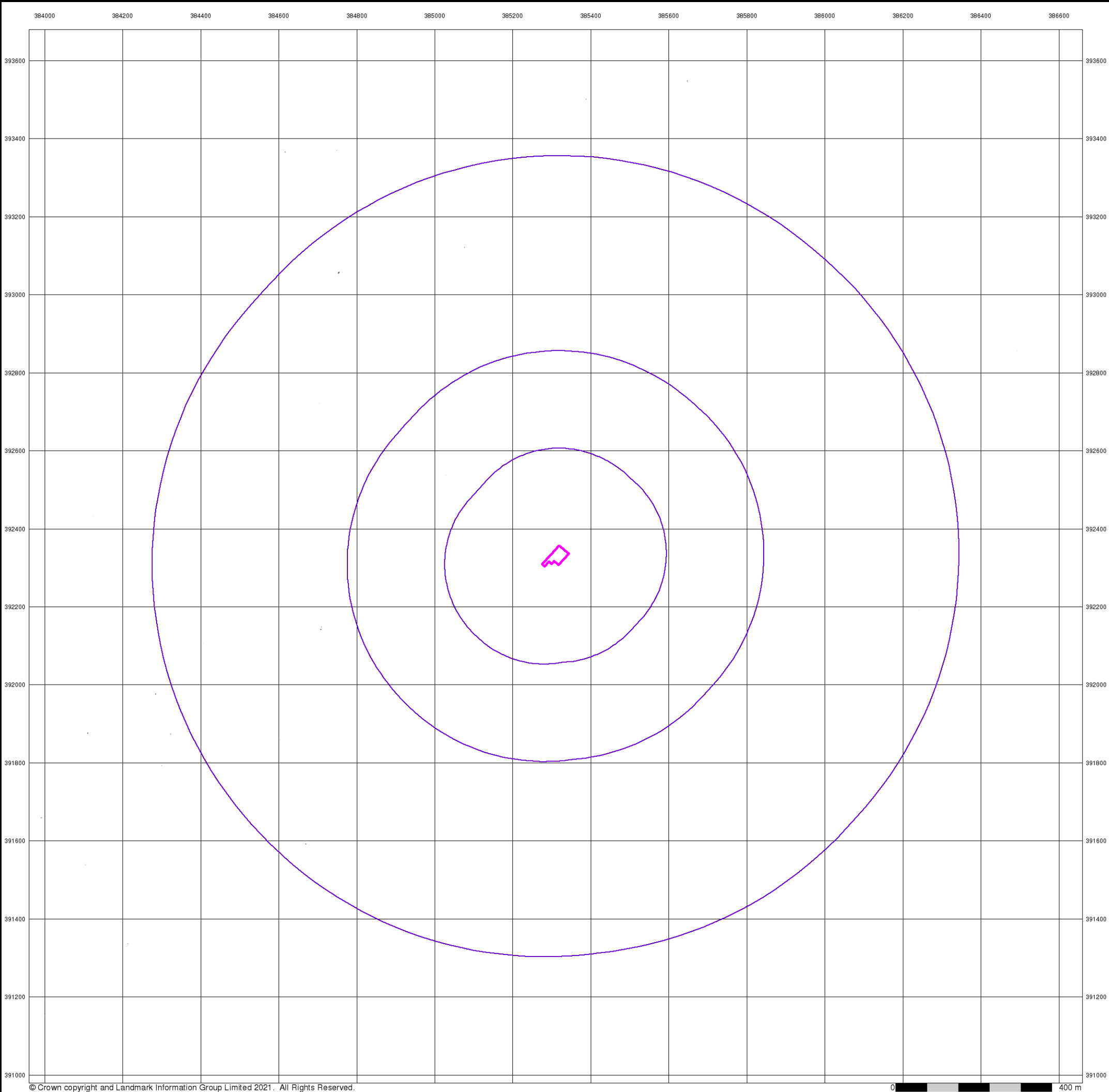
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
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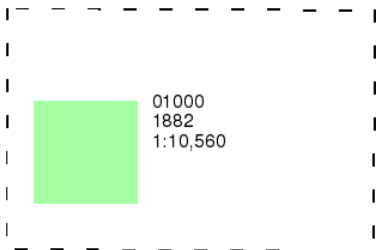


Published 1882

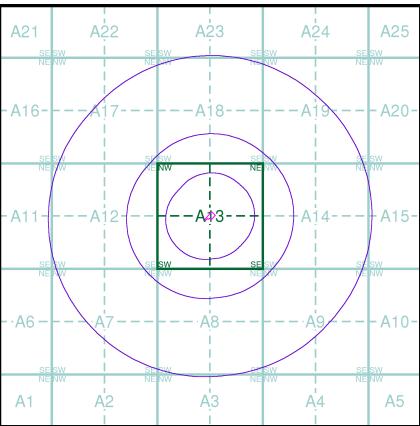
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

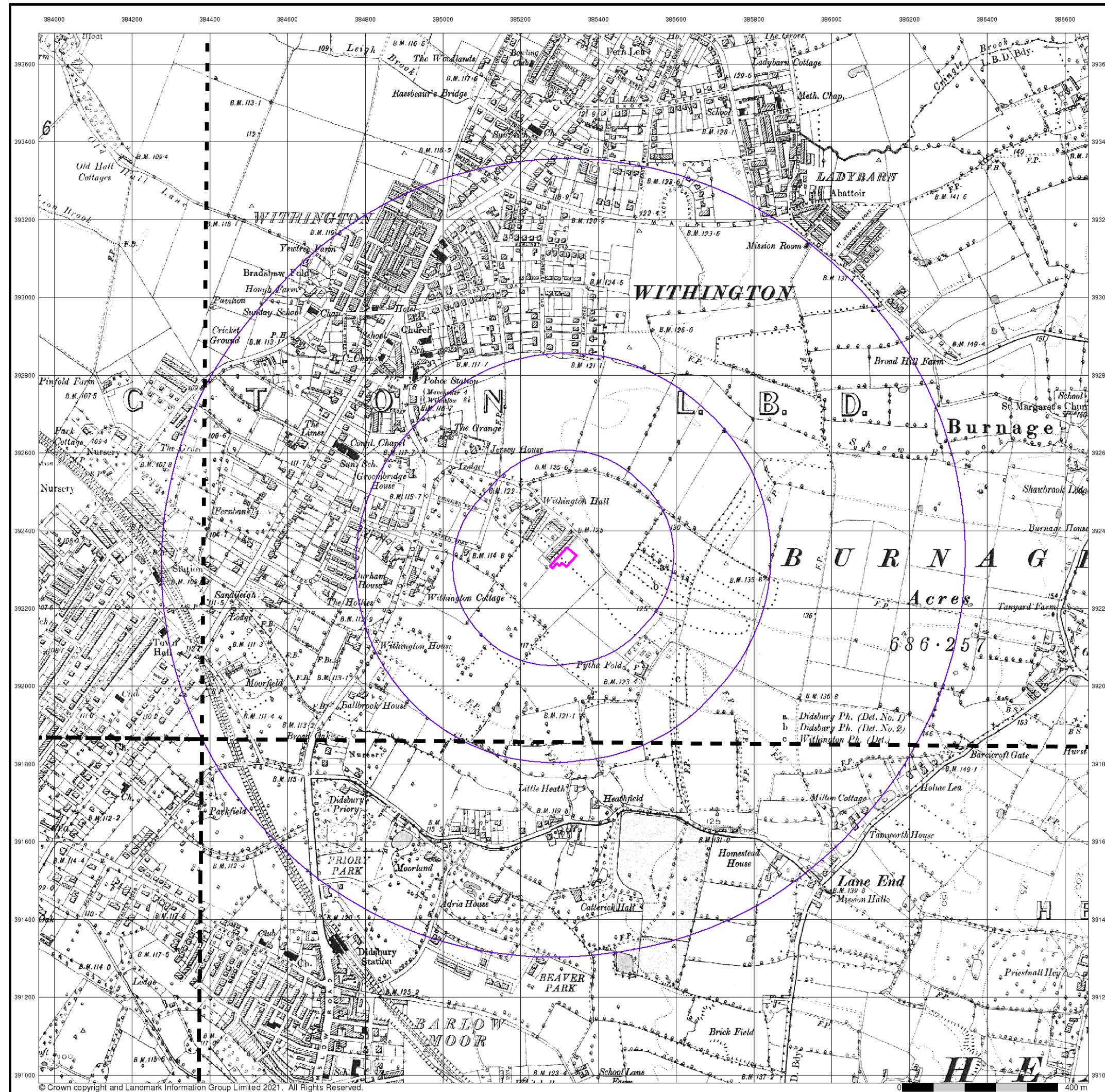
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
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Lancashire And Furness

Published 1894 - 1895

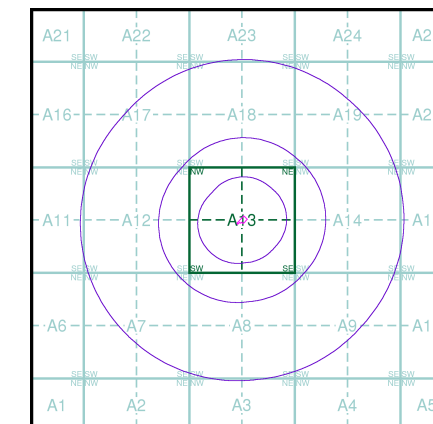
Source map scale - 1:10,560

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)

111NW 1894 1:10,560	111NE 1894 1:10,560
111SW 1894 1:10,560	111SE 1895 1:10,560

Historical Map - Slice A



Order Details

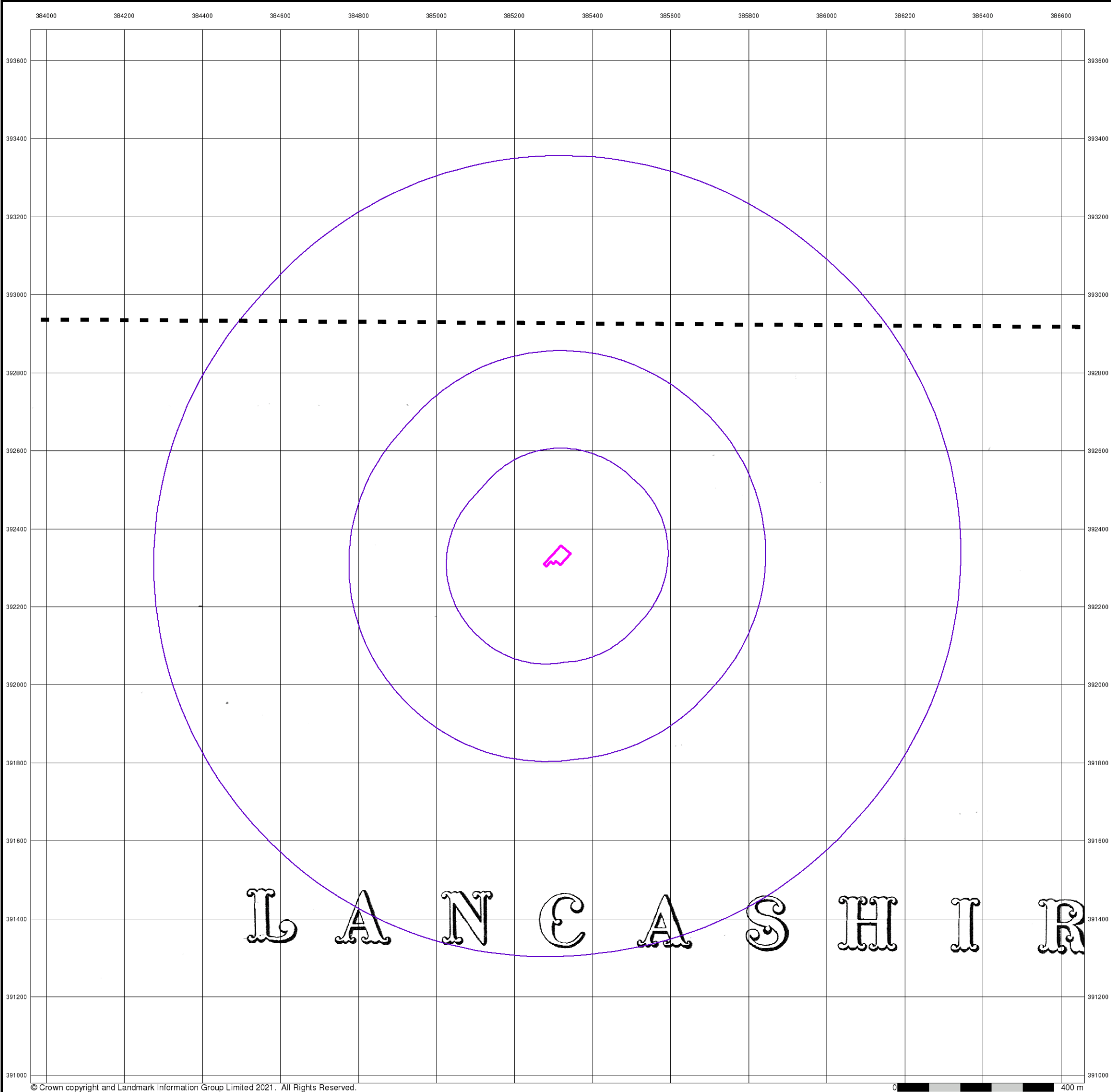
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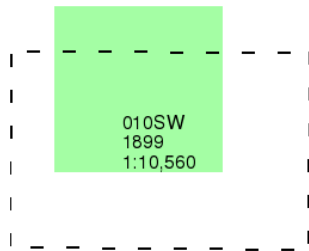


Published 1899

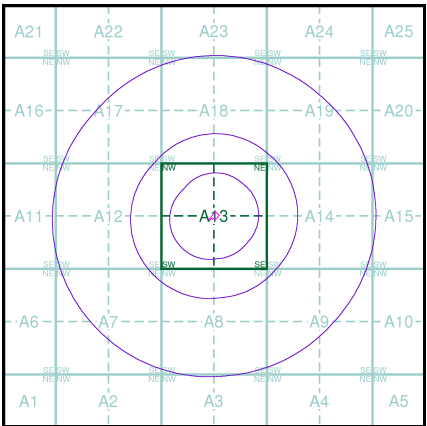
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

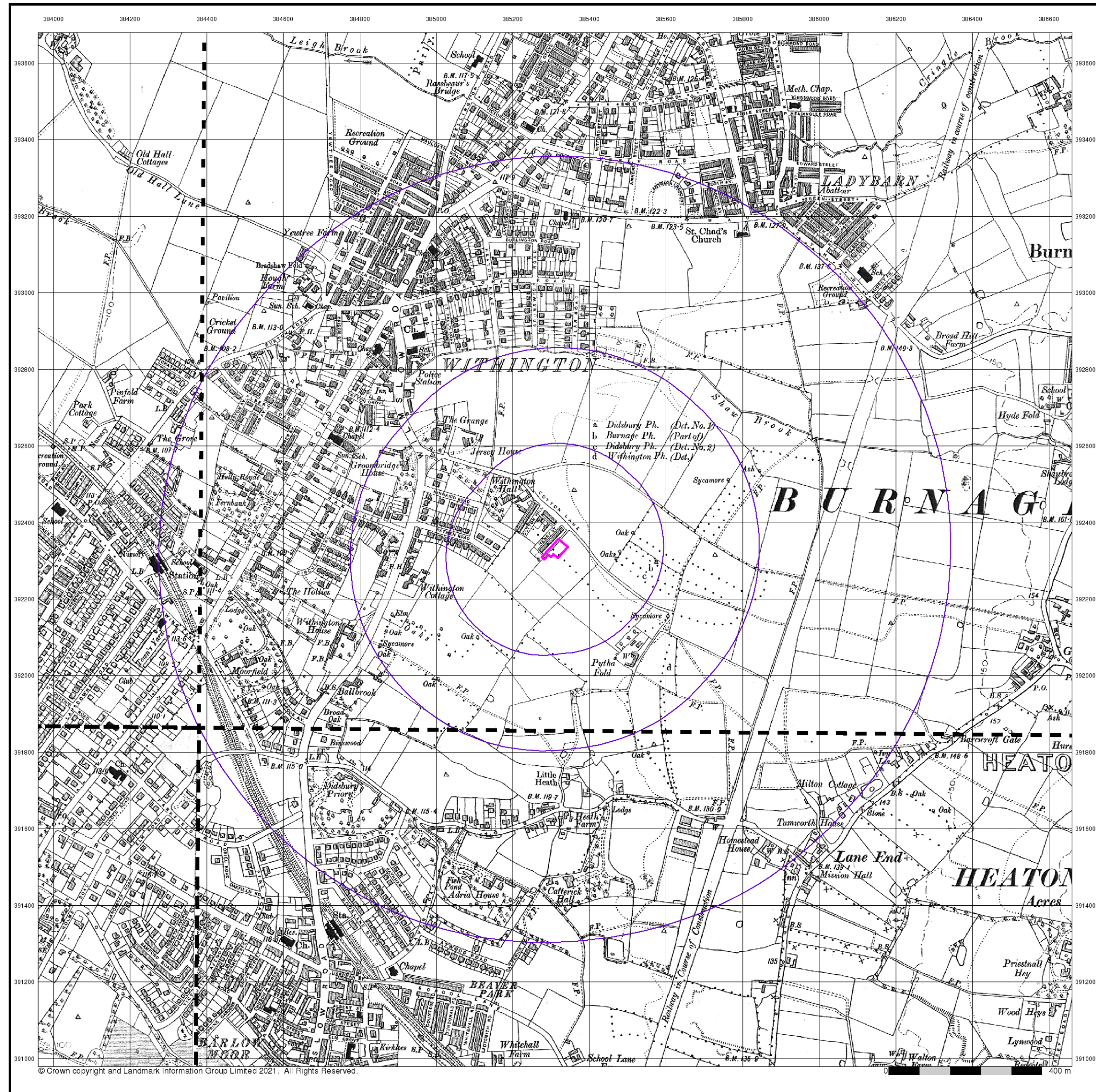
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Lancashire And Furness

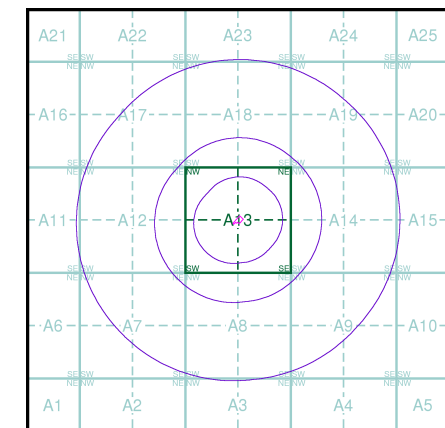
Published 1908 - 1911
Source map scale - 1:10,560

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)

111NW 1908 1:10,560	111NE 1908 1:10,560
111SW 1911 1:10,560	111SE 1911 1:10,560

Historical Map - Slice A



Order Details

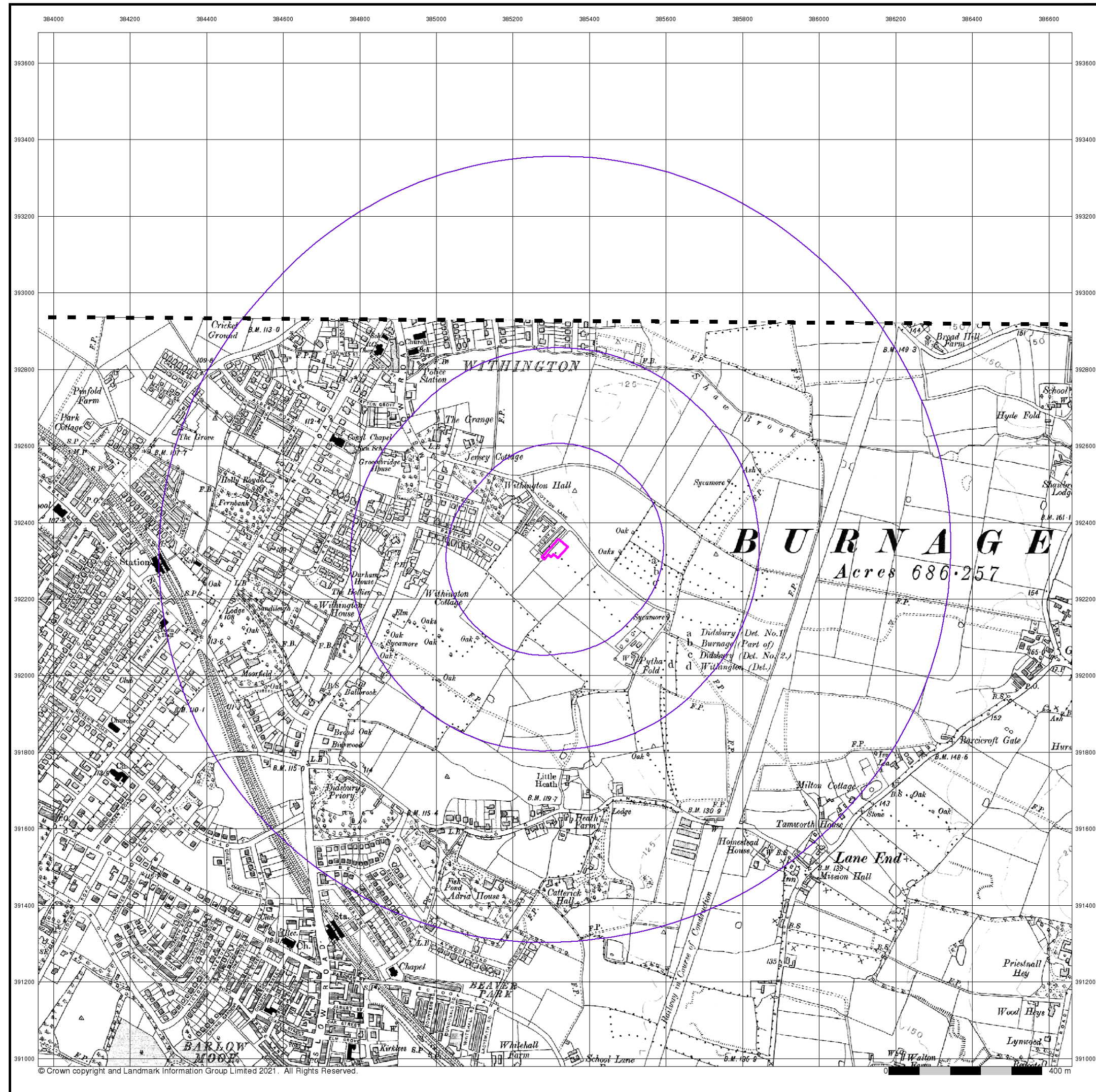
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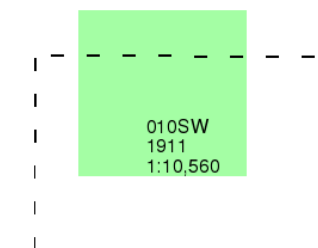
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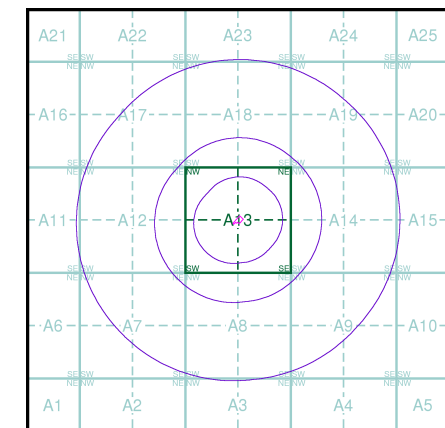


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

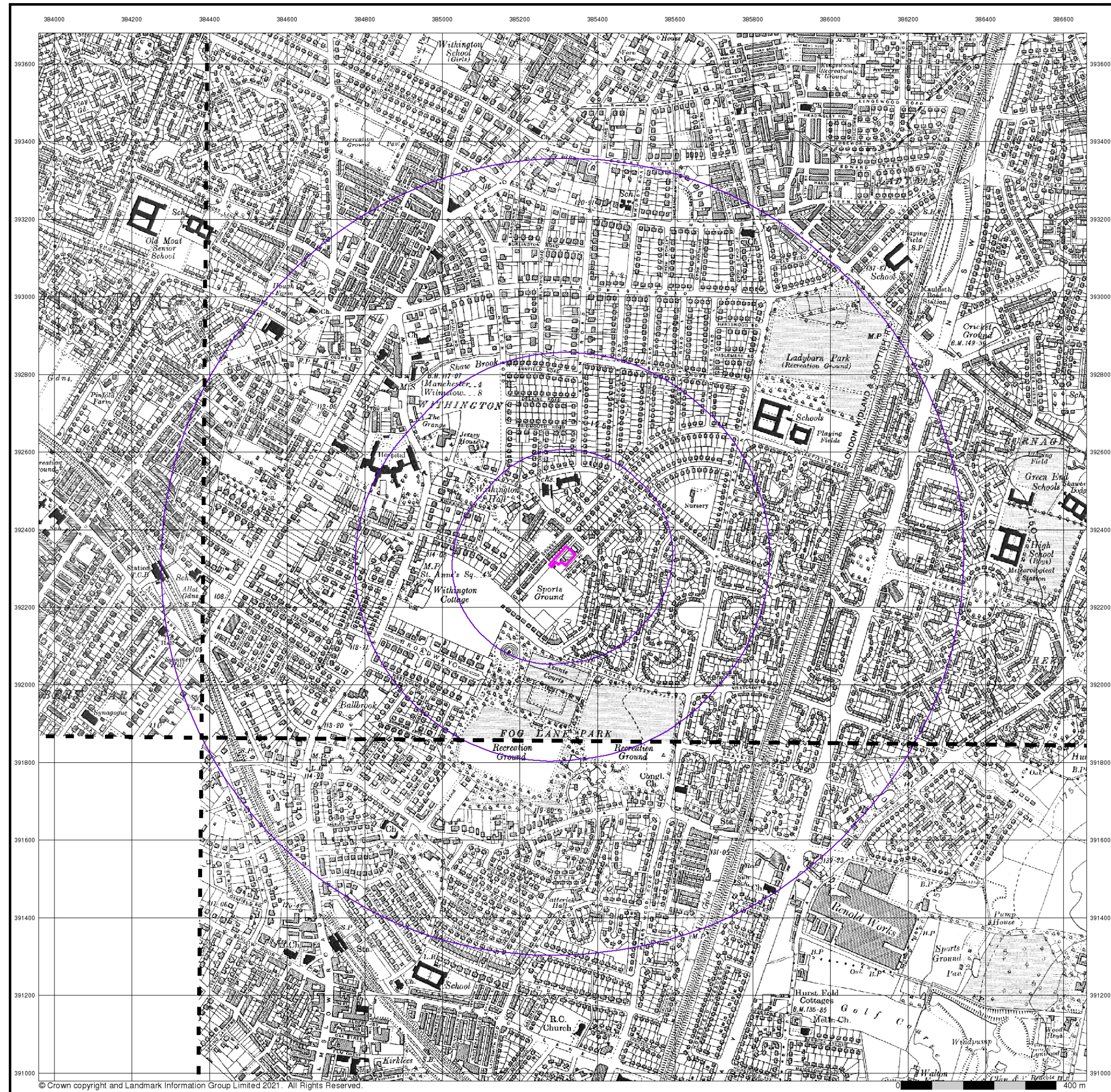


Historical Map - Slice A



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LK GROUP

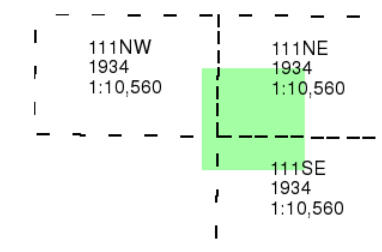
Lancashire And Furness

Published 1934

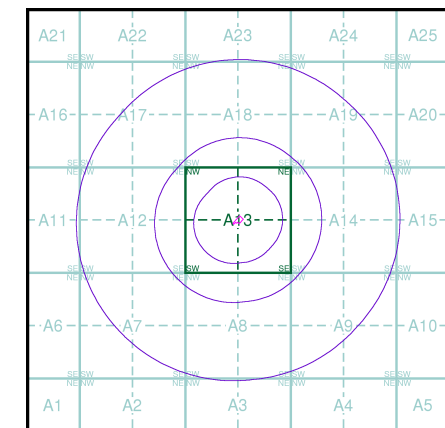
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

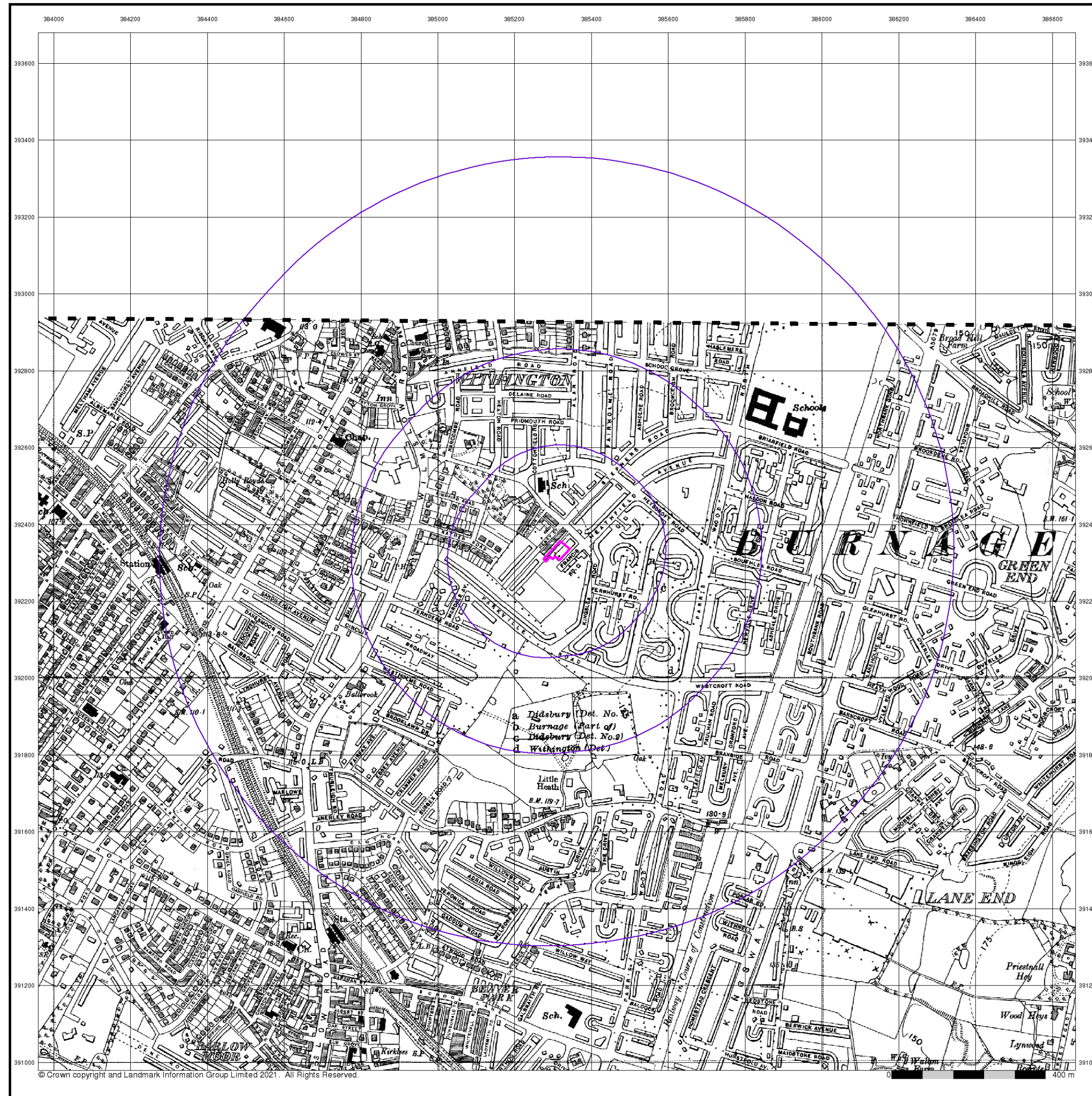
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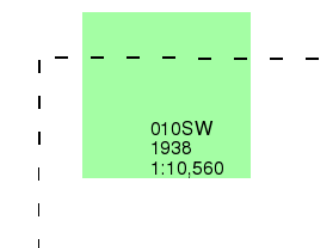


Published 1938

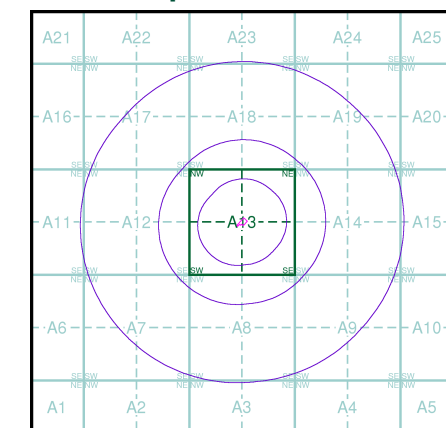
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

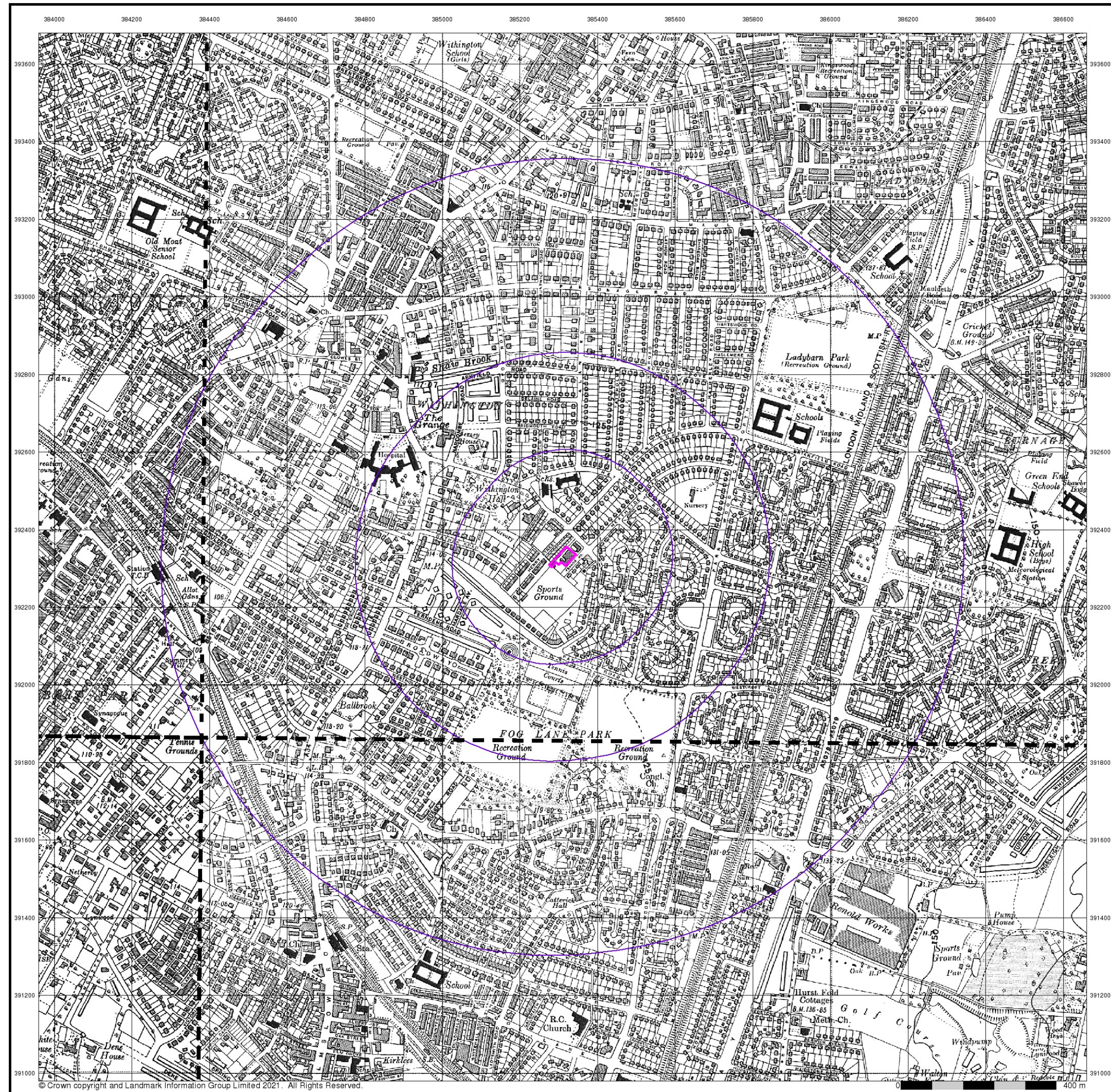
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

Francis Road, Manchester, M20 4XP



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LK GROUP

Lancashire And Furness

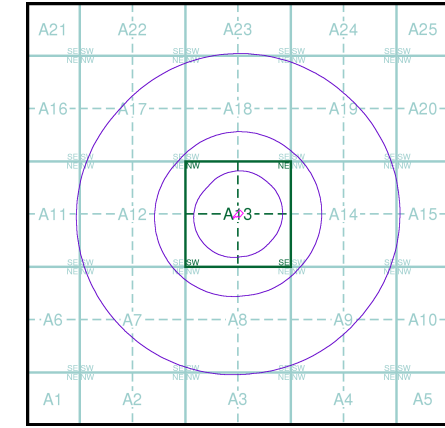
Published 1938
Source map scale - 1:10,560

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Map Name(s) and Date(s)

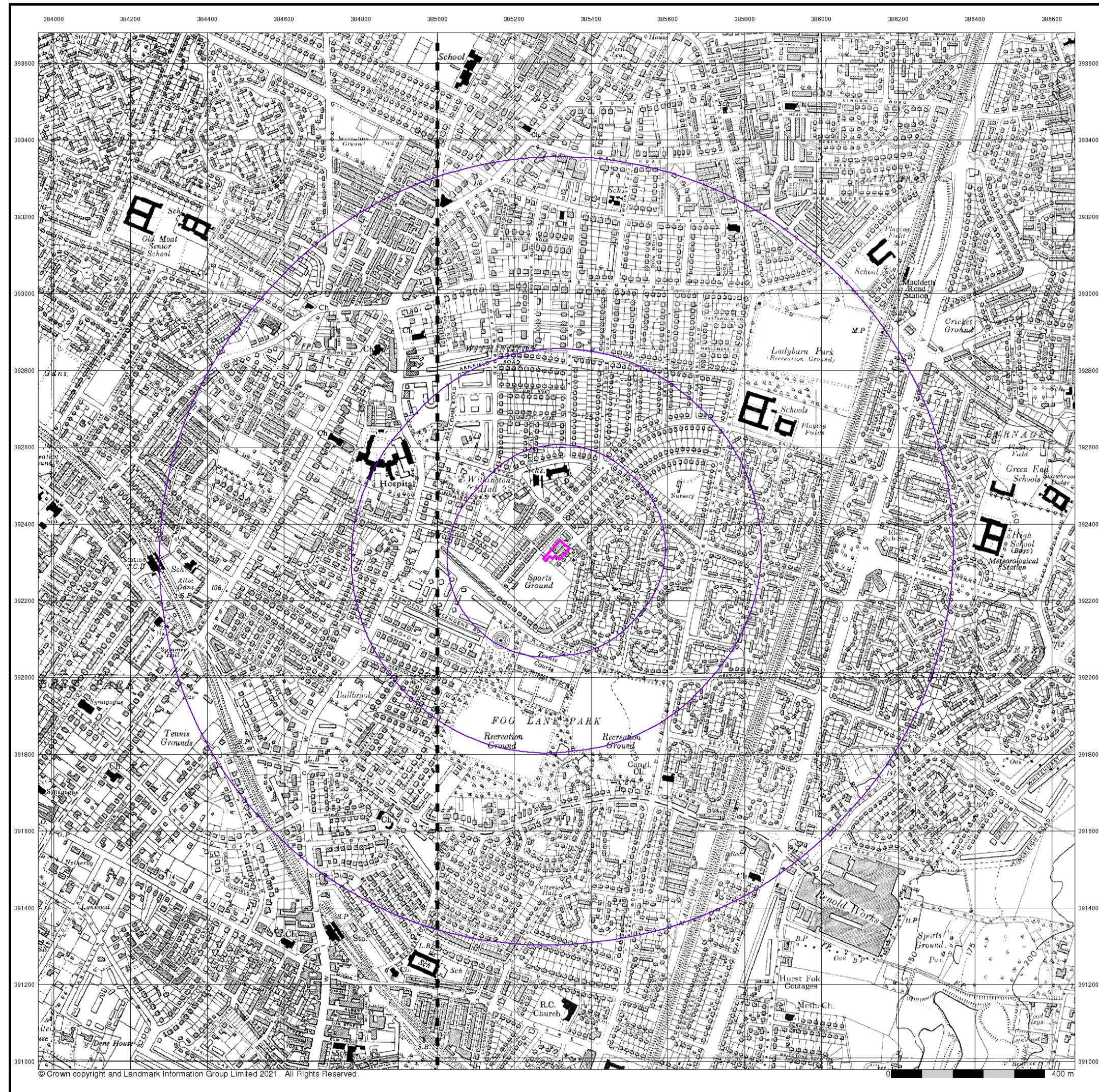
111NW 1938 1:10,560	111NE 1938 1:10,560
111SW 1938 1:10,560	111SE 1938 1:10,560

Historical Map - Slice A



Order Details
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details
Francis Road, Manchester, M20 4XP



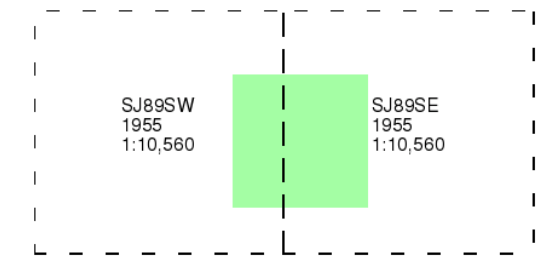
LK GROUP

Ordnance Survey Plan

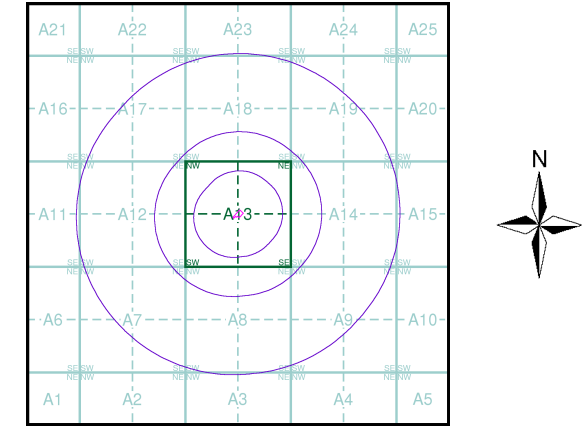
Published 1955
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

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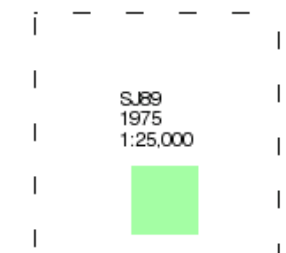
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Published 1975

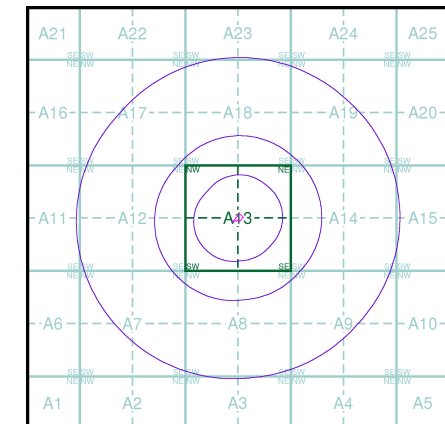
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A

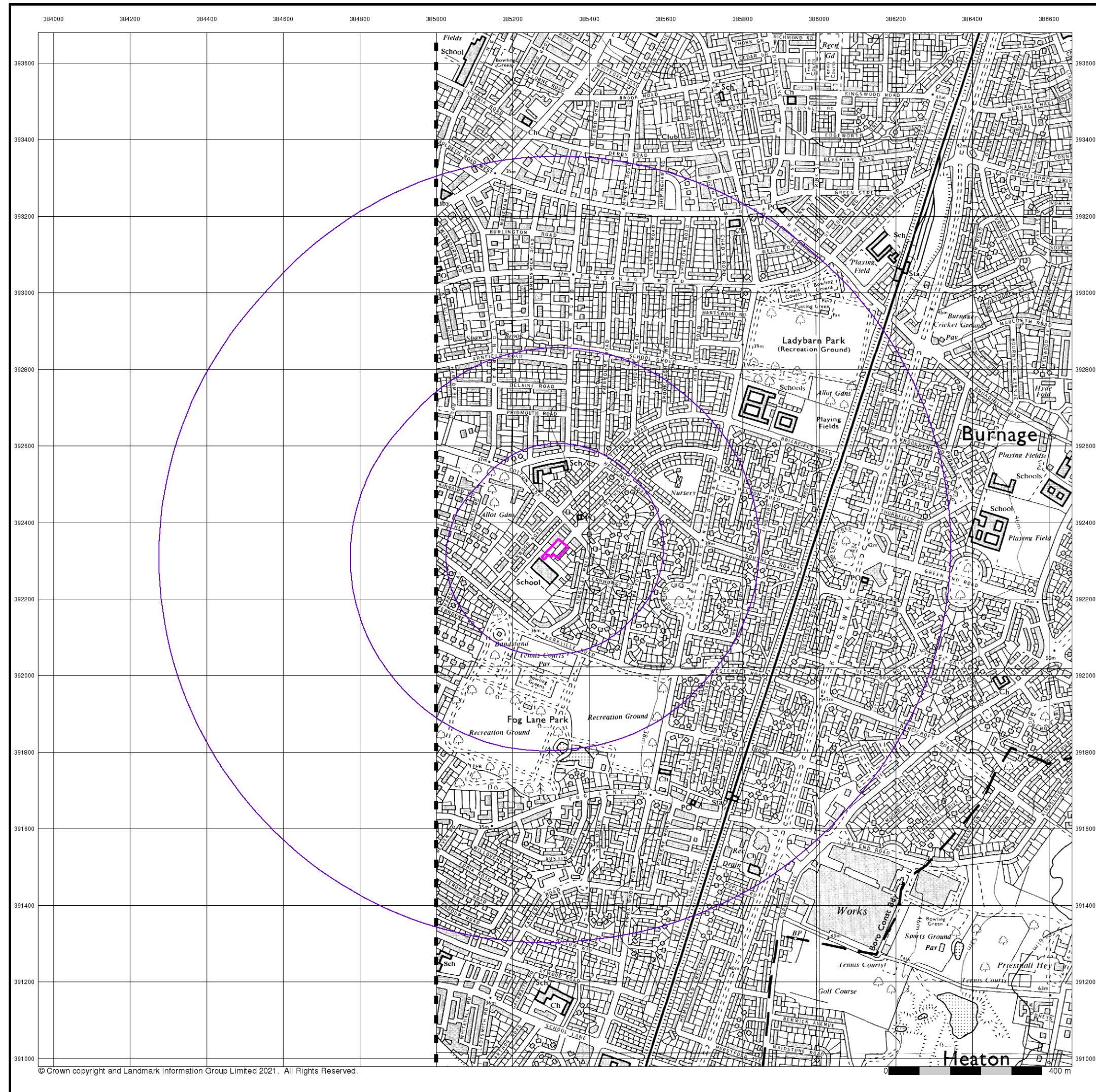


Order Details

Order Number: 283948819_1_1
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Site Area (Ha): 0.16
Search Buffer (m): 1000

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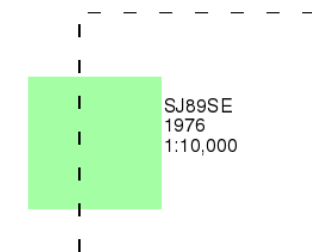
ORDNANCE SURVEY PLAN

Published 1976

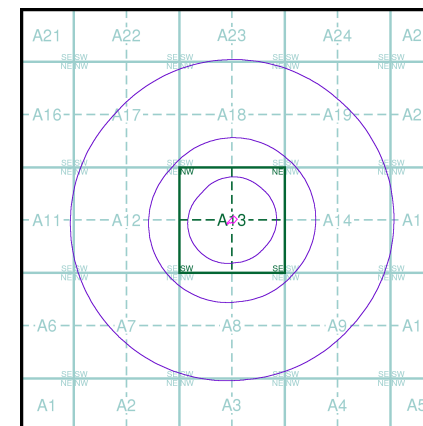
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

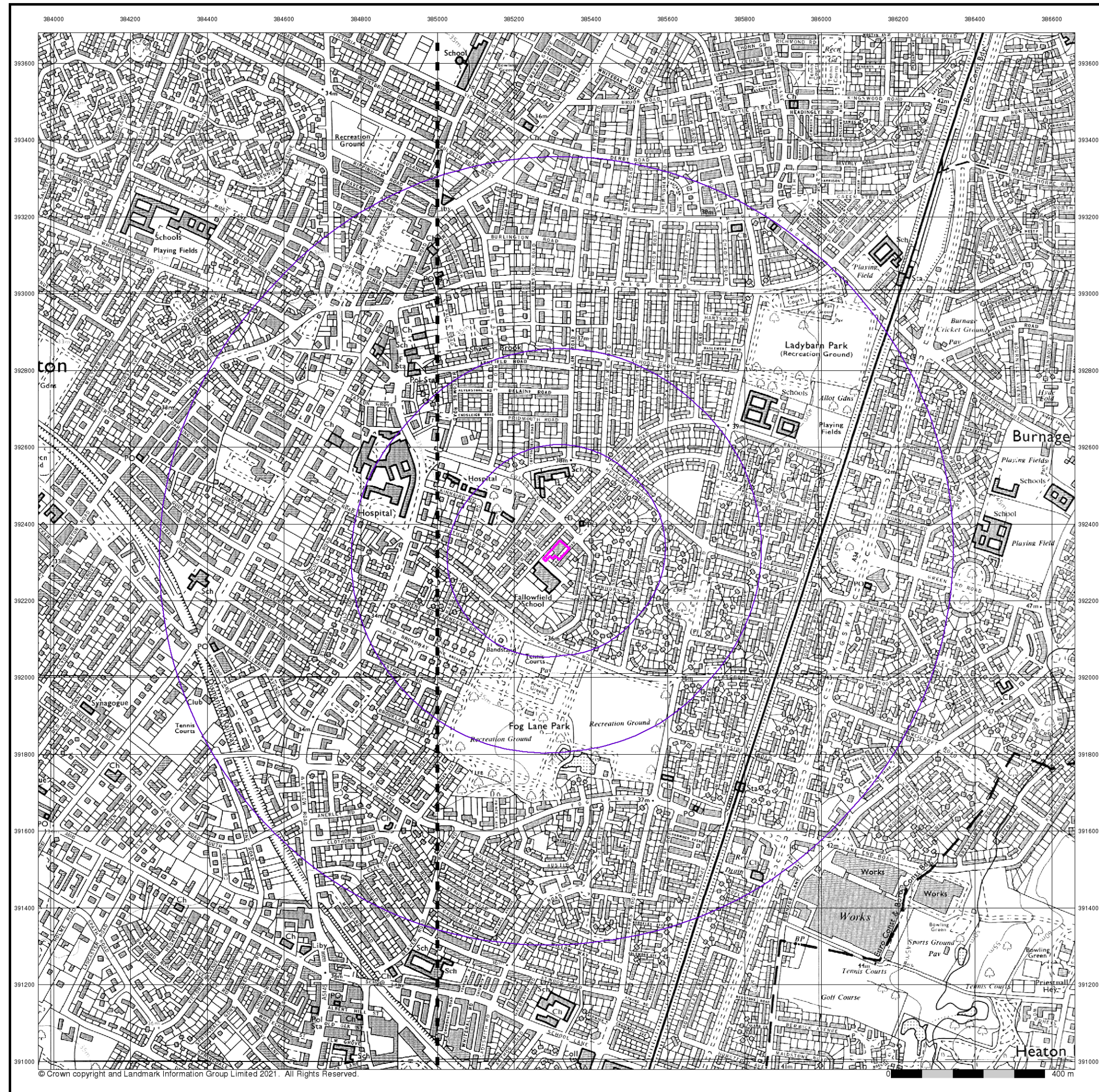
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

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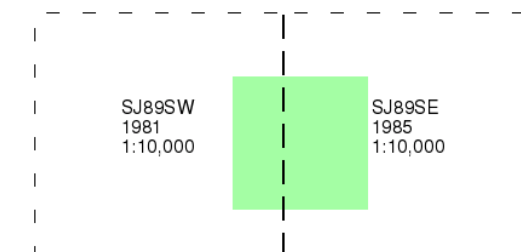
ORDNANCE SURVEY PLAN

Published 1981 - 1985

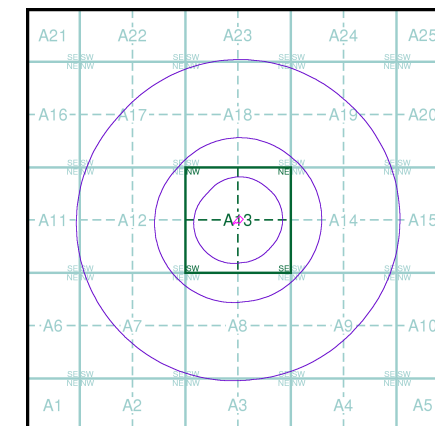
Source map scale - 1:10,000

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

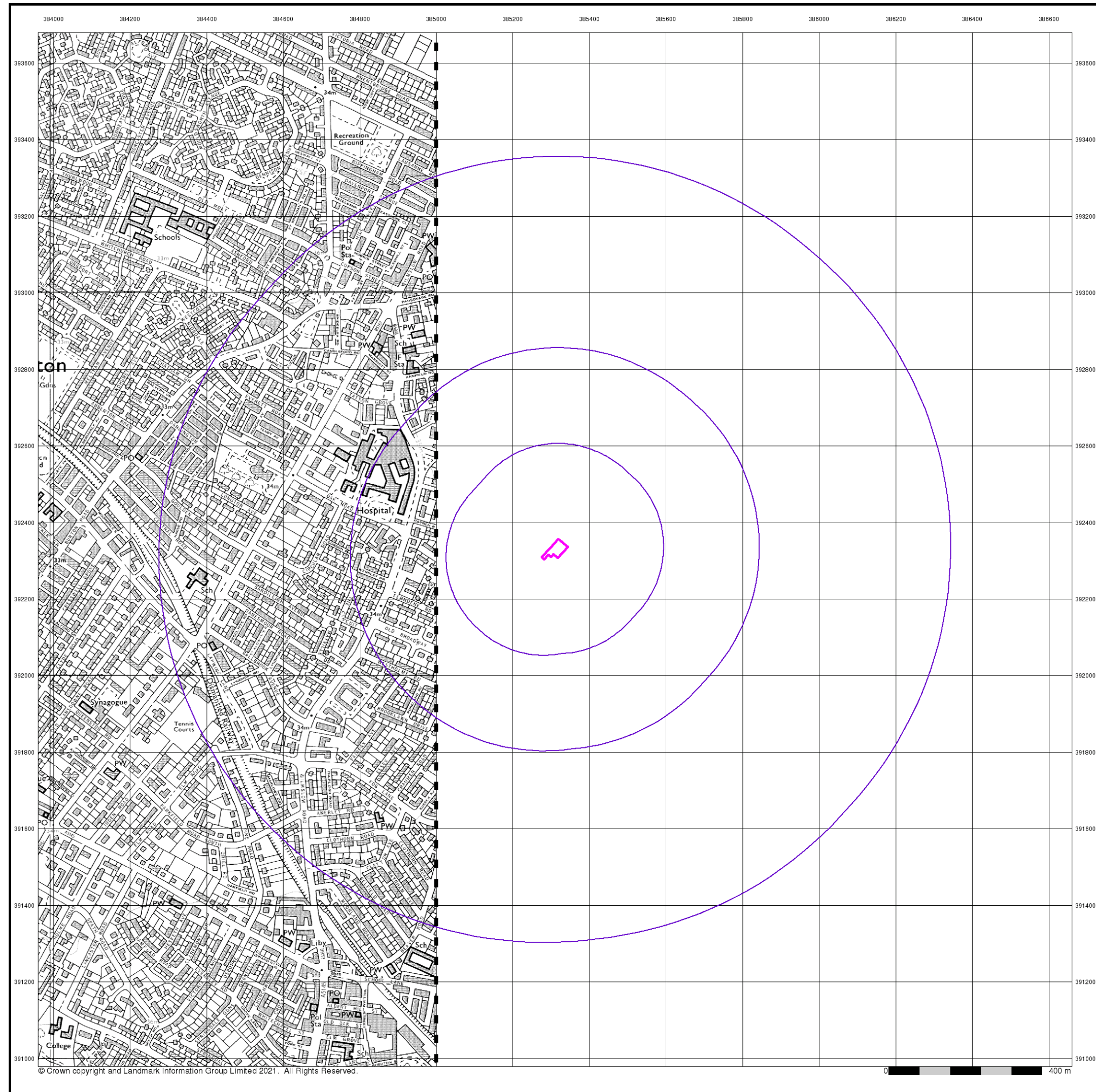
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Site Area (Ha): 0.16
Search Buffer (m): 1000

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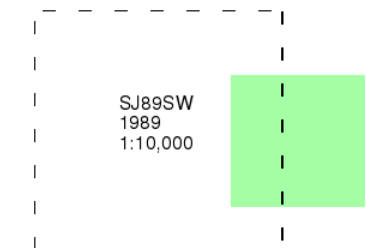
Ordinance Survey Plan

Published 1989

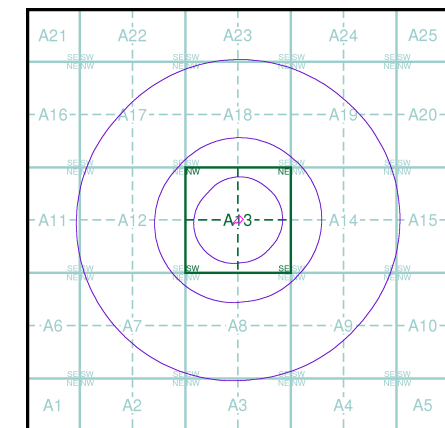
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

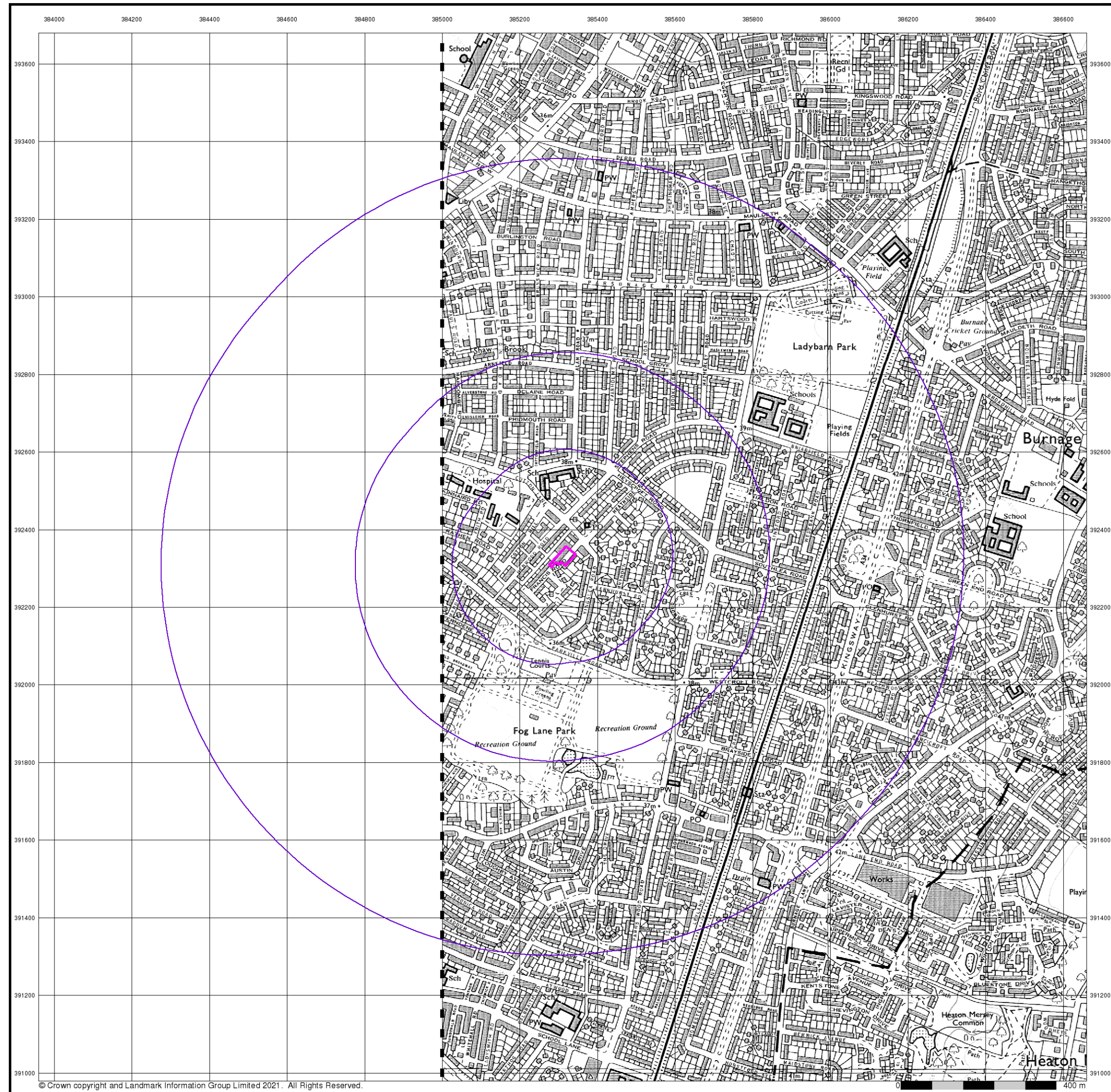
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National Grid Reference: 385310, 392330
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Site Area (Ha): 0.16
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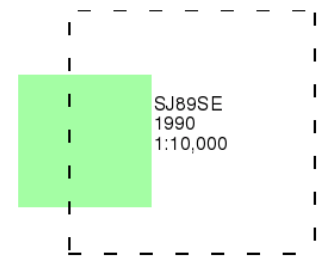
Ordnance Survey Plan

Published 1990

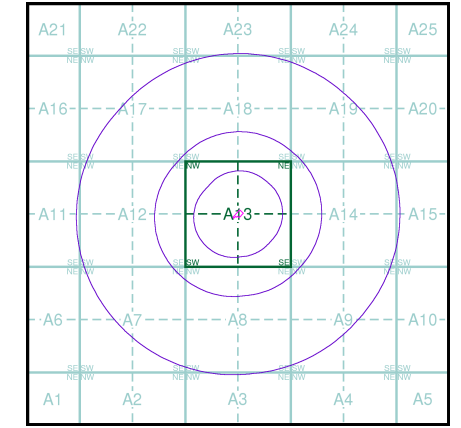
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

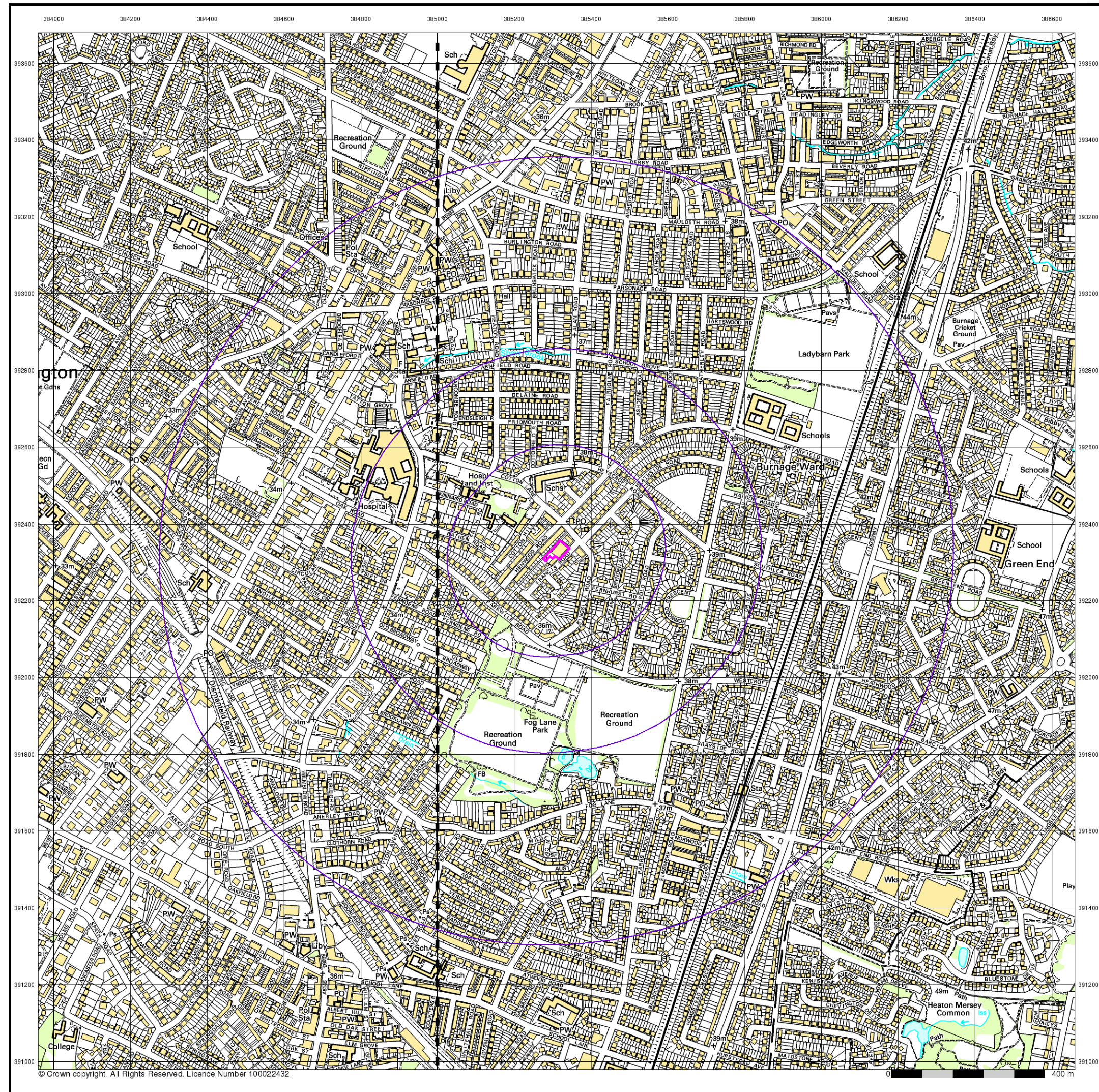
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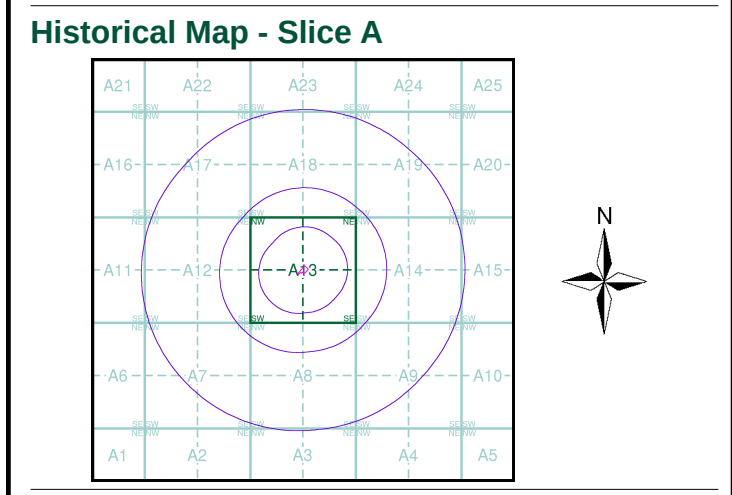
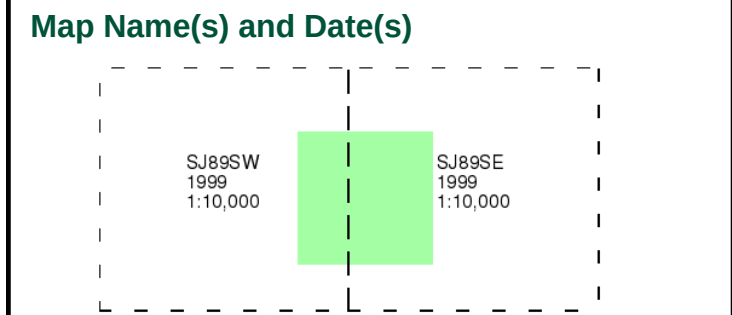
LK GROUP

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.

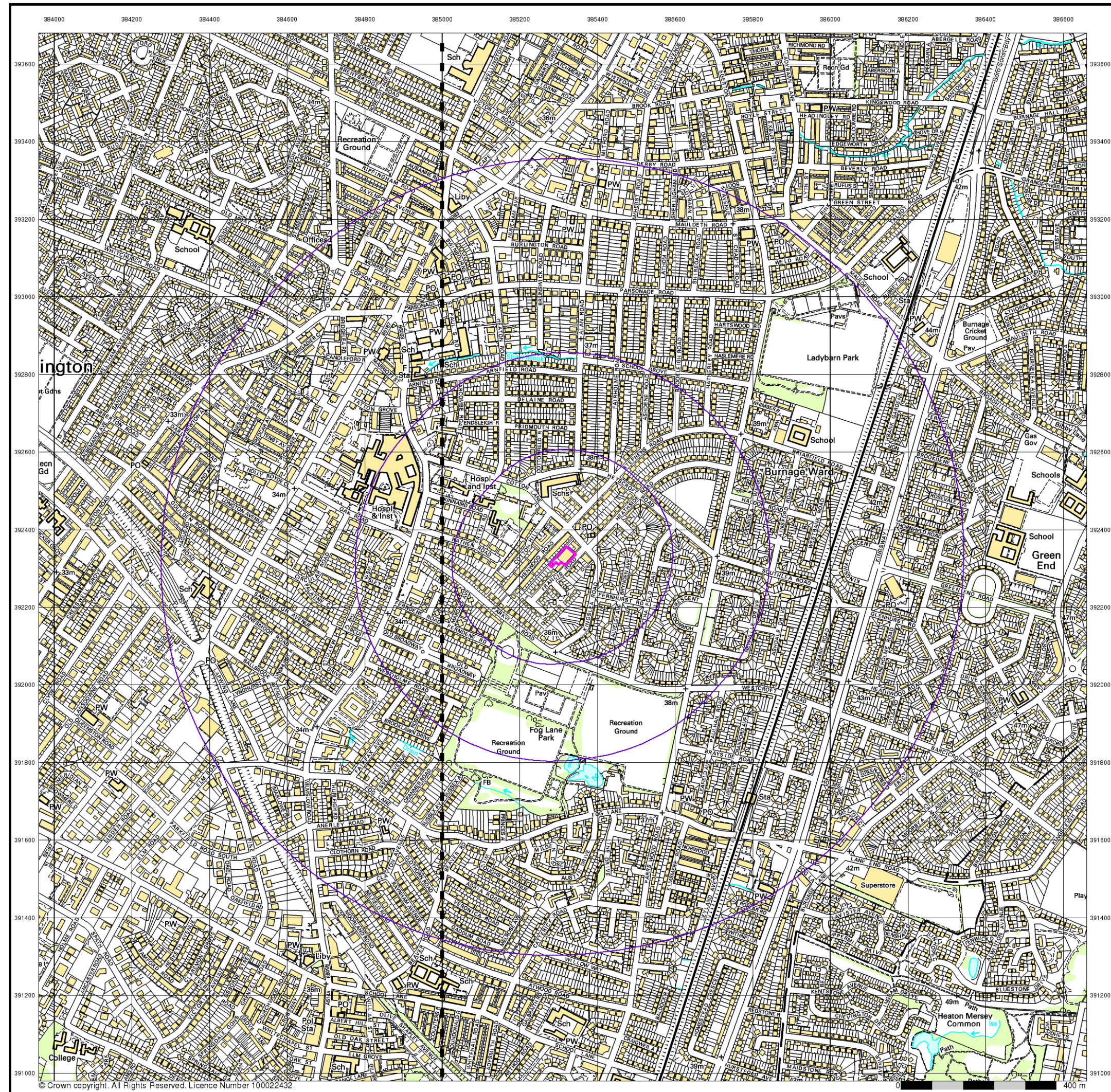


Order Details

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Customer Ref:	LKC 21 1501
National Grid Reference:	385310, 392330
Slice:	A
Site Area (Ha):	0.16
Search Buffer (m):	1000

Site Details

Francis Road, Manchester, M20 4XP



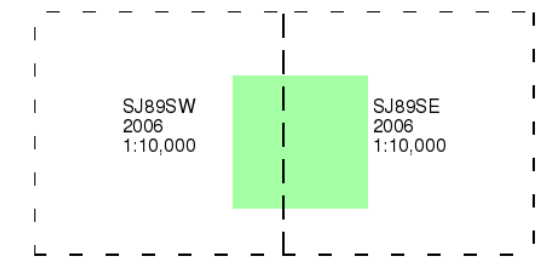
LK GROUP

10k Raster Mapping

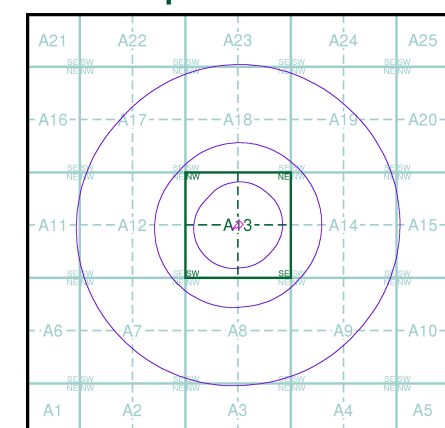
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

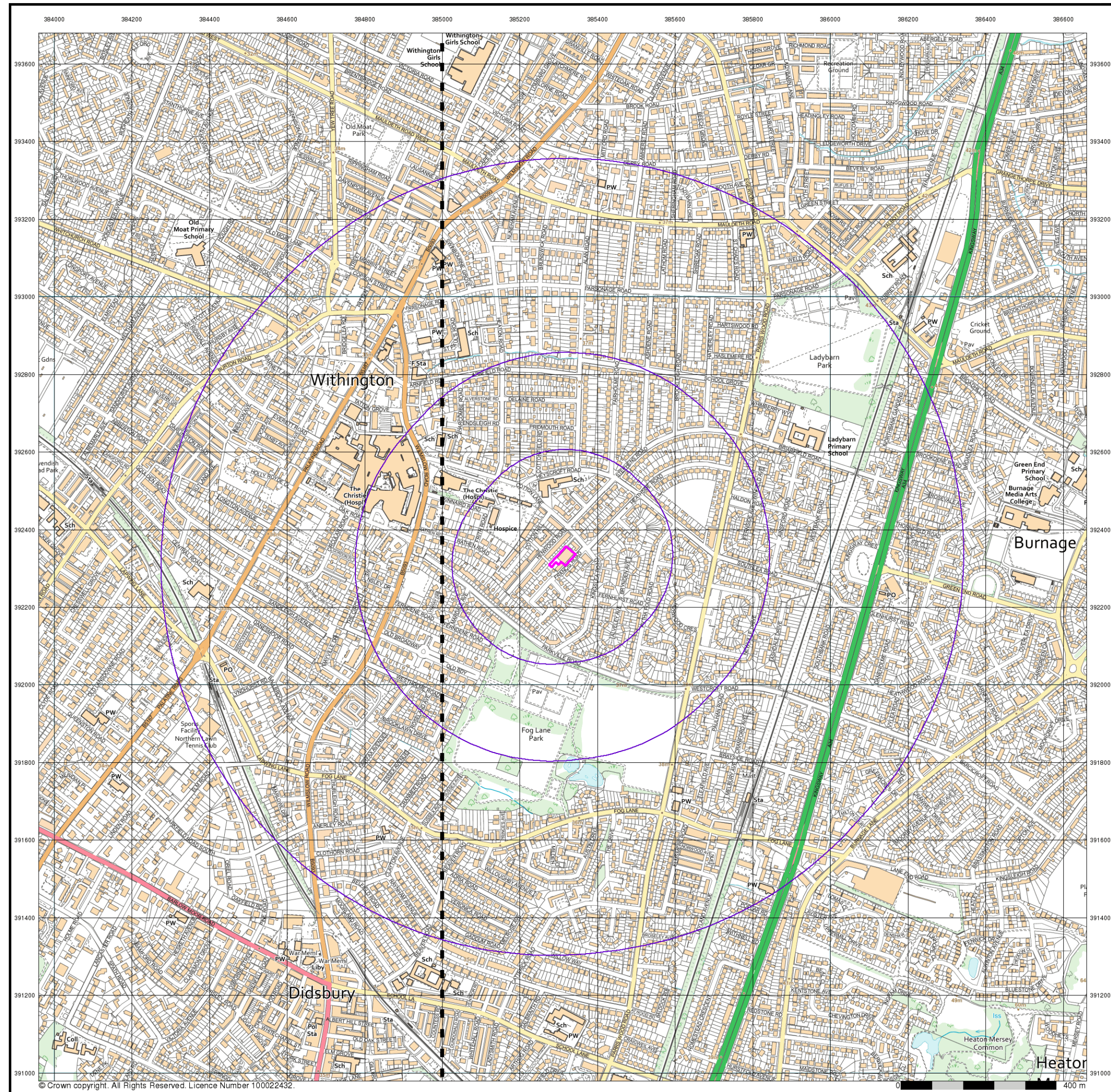
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Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

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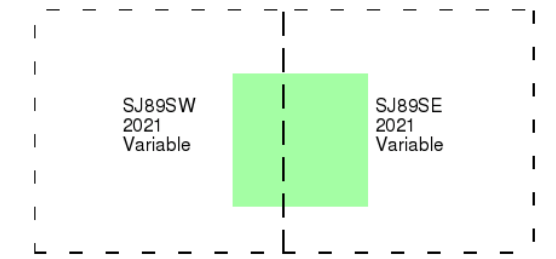
VectorMap Local

Published 2021

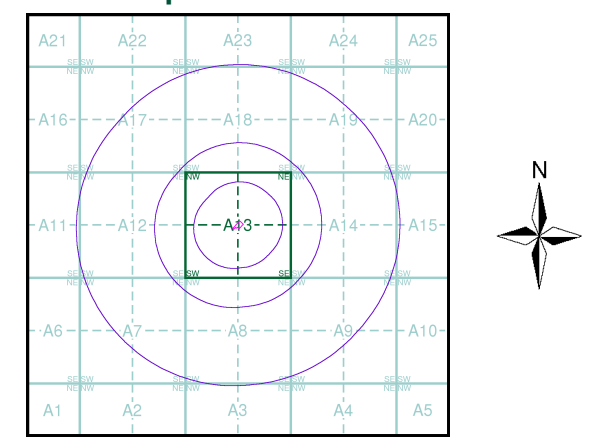
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

Francis Road, Manchester, M20 4XP

Appendix B

Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

283948819_1_1

Customer Reference:

LKC 21 1501

National Grid Reference:

385310, 392330

Slice:

A

Site Area (Ha):

0.16

Search Buffer (m):

1000

Site Details:

Francis Road

Manchester

M20 4XP

Client Details:

L Consult

LK Consult Ltd

Unit 29 Eton Business Park

Eton Hill Road

Radcliffe

Greater Manchester

M26 2ZS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	14
Industrial Land Use	17
Sensitive Land Use	-
Data Currency	26
Data Suppliers	31
Useful Contacts	32

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				1
Prosecutions Relating to Controlled Waters			n/a	n/a	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	pg 1				6
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2			Yes	
Pollution Incidents to Controlled Waters	pg 2				2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 2			2	22
River Quality	pg 6				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				(*8)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 9			1	12

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 11		4	5	37
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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 14	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 17		4	9	55
Fuel Station Entries	pg 22			1	2
Points of Interest - Commercial Services	pg 23			4	12
Points of Interest - Education and Health	pg 24				4
Points of Interest - Manufacturing and Production	pg 24	1			2
Points of Interest - Public Infrastructure	pg 24				5
Points of Interest - Recreational and Environmental	pg 25			5	3
Gas Pipelines					
Underground Electrical Cables					

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (E)	0	1	385310 392326
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	276	1	385000 392326
1	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Palmerston Street, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0196 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th October 1999 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	A19NW (NE)	962	2	385930 393100
2	Local Authority Pollution Prevention and Controls Name: Priory Service Station Location: 44 Fog Lane, Didsbury, MANCHESTER, Lancashire, M20 6AG Authority: Manchester City Council, Environmental Health Department Permit Reference: PFS/43/98-99 Dated: 25th March 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7SE (SW)	767	3	384884 391647
3	Local Authority Pollution Prevention and Controls Name: Gregory'S Laundry & Drycleaners Location: 465 Wilmslow Road, Withington, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/01/07 Dated: 1st February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	788	3	384951 393053
4	Local Authority Pollution Prevention and Controls Name: Johnsons Cleaners Uk Ltd Location: 440-442 Wilmslow Road, Withington, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/22/07 Dated: 16th April 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	858	3	384950 393130
5	Local Authority Pollution Prevention and Controls Name: Lms Cleaners Location: 4 Whitchurch Road, Withington, Manchester Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/DC/RM/15/07 Dated: 12th February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	910	3	384619 392938
6	Local Authority Pollution Prevention and Controls Name: Tcs Kingsway Location: 370 Kingsway, Burnage, MANCHESTER, Lancashire, M19 1PL Authority: Manchester City Council, Environmental Health Department Permit Reference: PFS/21/98-2000 Dated: 7th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A9SW (SE)	934	3	385866 391551

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Local Authority Pollution Prevention and Controls Name: Wellington Garage Location: 158 Wellington Road, Withington, MANCHESTER, M20 3FU Authority: Manchester City Council, Environmental Health Department Permit Reference: 04/91 Dated: 30th September 1991 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A18NW (N)	977	3	384991 393276
	Nearest Surface Water Feature	A18SW (N)	483	-	385299 392839
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Heating Oil Note: Cringle Brook Incident Date: 2nd September 1992 Incident Reference: 92641593 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	528	2	385800 392600
9	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Tributary Gore Incident Date: 14th June 1995 Incident Reference: 95641414 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	754	2	385200 393100
10	Registered Radioactive Substances Name: The Christie Nhs Foundation Trust Location: Christie Hospital, Wilmslow Road, Manchester, M20 4bx Authority: Environment Agency, North West Region Permit Reference: GP3593SX Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A12NE (W)	438	2	384876 392486
10	Registered Radioactive Substances Name: The University Of Manchester Location: Christie Hospital, Wilmslow Road, Manchester, M20 4bx Authority: Environment Agency, North West Region Permit Reference: AB3598DE Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A12NE (W)	438	2	384876 392486
11	Registered Radioactive Substances Name: The University Of Manchester Location: Christie Hospital, Wilmslow Road., MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bz5698 Dated: 24th February 2016 Process Type: Not Supplied Description: Not Supplied Status: Replaced Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	536	2	384811 392575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Registered Radioactive Substances Name: The University Of Manchester Location: Christie Hospital, Wilmslow Road,, MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: CD6748 Dated: 24th February 2016 Process Type: Not Supplied Description: Not Supplied Status: Replaced Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital, Wilmslow Road,, MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: CC5908 Dated: 15th July 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital, Wilmslow Road,, MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: CC5894 Dated: 14th July 2008 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: 550, Wilmslow Road, Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: CB4264 Dated: 31st May 2007 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: 550, Wilmslow Road, Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: CB4272 Dated: 31st May 2007 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: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: 550, Wilmslow Road, MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Ca0913 Dated: 3rd February 2006 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: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: 550, Wilmslow Road, MANCHESTER, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Ca0905 Dated: 3rd February 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: Umist Location: Wilmslow Road, MANCHESTER, M20 9BX Authority: Environment Agency, North West Region Permit Reference: AG4009 Dated: 12th February 1993 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA dated pre April 1991 Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	2	384812 392576
11	Registered Radioactive Substances Name: University Of Manchester Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bz5710 Dated: 15th September 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: By9361 Dated: 7th April 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bx7860 Dated: 27th April 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bw5799 Dated: 1st December 2003 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	A12NE (NW)	537	2	384811 392576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Registered Radioactive Substances Name: University Of Manchester Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bv6099 Dated: 8th September 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: Bjo439 Dated: 17th August 2000 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	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: BB9717 Dated: 10th November 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: BB9849 Dated: 10th November 1998 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: AN1955 Dated: 20th June 1994 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	A12NE (NW)	537	2	384811 392576
11	Registered Radioactive Substances Name: Christie Hospital Nhs Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: AB1479 Dated: 26th February 1993 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is not the subject of an authorisation, or an application for an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Registered Radioactive Substances Name: Christie Nhs Foundation Trust Location: Christie Hospital Nhs Trust, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX Authority: Environment Agency, North West Region Permit Reference: AB9607 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	537	2	384811 392576
12	Registered Radioactive Substances Name: The University Of Manchester Location: The Wolfson Molecular Imaging Centre, The Christie Hospital Campus, Palatine Road, Manchester, M20 3lj Authority: Environment Agency, North West Region Permit Reference: Bx8521 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	668	2	384714 392669
12	Registered Radioactive Substances Name: The University Of Manchester Location: The Wolfson Molecular Imaging Centre, The Christie Hospital Campus, Palatine Road, Manchester, M20 3lj Authority: Environment Agency, North West Region Permit Reference: Bx8513 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	669	2	384712 392667
	River Quality Name: Cringle Bk GQA Grade: River Quality B Reach: Qsl At Heaton Chapel To Platt Bk Estimated Distance (km): 4.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18NE (N)	966	2	385489 393306
	Water Abstractions Operator: Renold Power Transmission Limited Licence Number: 2569013002 Permit Version: Not Supplied Location: Borehole, DIDSBUY Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 455 Yearly Rate (m3): 45460 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	A10SW (SE)	1411	2	386400 391400
	Water Abstractions Operator: Ocs Group Uk Ltd T/A Cannon Licence Number: 2569013021 Permit Version: 2 Location: Burnage Lane , Levenshulme, Manchester Authority: Environment Agency, North West Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Burnage Lane, Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th January 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (E)	1463	2	386720 392830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cannon Hygiene Limited Licence Number: 2569013021 Permit Version: 1 Location: Burnage Lane , Levenshulme, Manchester Authority: Environment Agency, North West Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Burnage Lane, Levenshulme Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (E)	1463	2	386720 392830
	Water Abstractions Operator: Heaton Moor Golf Club Limited Licence Number: 2569013020 Permit Version: 104 Location: Borehole At Heaton Moor Golf Club, Stockport Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 9th August 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1926	2	387258 392126
	Water Abstractions Operator: The Trustees Of Heaton Moor Golf Club Licence Number: 2569013020 Permit Version: 103 Location: Borehole At Heaton Moor Golf Club, Stockport Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 27th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1926	2	387258 392126
	Water Abstractions Operator: Mr Brian Mccrae Licence Number: 2569013020 Permit Version: 102 Location: Borehole At Heaton Moor Golf Club, Stockport Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th April 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1928	2	387260 392130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Colin Denny Licence Number: 2569013020 Permit Version: 101 Location: Borehole At Heaton Moor Golf Club, Stockport Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1928	2	387260 392130
	Water Abstractions Operator: Heaton Moor Golf Club Licence Number: 2569013020 Permit Version: 100 Location: Borehole At Heaton Moor Golf Club, Stockport Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 50 Yearly Rate (m3): 8000 Details: Land At Heaton Moor Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 18th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1928	2	387260 392130
	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: Mixed Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: Low	A13SW (E)	0	4	385310 392326
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (E)	0	4	385310 392326
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (E)	0	4	385310 392326
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (N)	484	5	385299 392839
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (N)	526	5	385162 392858
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (N)	541	5	385098 392849
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: Underground Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	568	5	385019 392838
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	569	5	385017 392838
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shaw Brook Catchment Name: Mersey Primacy: 1	A18SW (NW)	575	5	384987 392825
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	580	5	384952 391826
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	586	5	384921 391841
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	587	5	385087 391750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	664	5	384765 391887
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	731	5	384746 391806
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	922	5	385738 391487
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	934	5	385758 391484

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	6	385310 392326
26	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	74	-	385262 392232
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	135	-	385185 392209
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	169	-	385441 392192
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	191	-	385087 392337
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (W)	290	-	384992 392367
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	294	-	385546 392122
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (SE)	333	-	385581 392102
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NW (SW)	393	-	385142 391937
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SE (N)	482	-	385363 392836
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	502	-	384778 392370
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (S)	514	-	385331 391792
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8NE (S)	524	-	385408 391791
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	528	-	384756 392395
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	592	-	384715 392498
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (W)	600	-	384681 392385
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	658	-	385994 392436
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A7NE (SW)	663	-	384750 391907
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	692	-	385581 391667
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A7NE (SW)	705	-	384681 391932
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A7NE (SW)	751	-	384850 391689

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A7SE (SW)	764	-	384958 391611
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	769	-	386112 392350
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	774	-	384632 392738
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	789	-	385346 393144
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	796	-	384605 392736
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A7SE (SW)	805	-	384881 391605
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	809	-	385346 393164
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	824	-	386127 392082
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	832	-	385511 393166
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A8SW (S)	848	-	385073 391482
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	849	-	386191 392371
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	862	-	386190 392174
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	886	-	385096 393214
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	890	-	385820 393092
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	892	-	386227 392455
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	898	-	385354 391408
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	899	-	384600 391717
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NE (N)	915	-	385360 393270
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	939	-	385057 393257
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	941	-	385092 393268
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	943	-	384986 393238

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	944	-	386191 392752
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	954	-	385434 391361
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A14NE (E)	973	-	386288 392572
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (SE)	992	-	386107 391702
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	996	-	384390 392763

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (E)	0	1	385310 392326
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (E)	0	1	385310 392326
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	144	1	385310 392500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (W)	276	1	385000 392326
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	303	1	385310 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	414	1	385000 392000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NW (SW)	435	1	385000 391972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: <15 mg/kg Concentration:	A18SW (N)	672	1	385076 392982
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17NE (NW)	851	1	384798 393029
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	891	1	384440 392000
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	385310 392326
	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	A13SW (E)	0	1	385310 392326

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A13SW (E)	0	1	385310 392326

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Contemporary Trade Directory Entries Name: Rontec (Uk) Ltd Location: Pello Ho, Francis Rd, Withington, Manchester, M20 4XP Classification: Scientific Apparatus & Instruments - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	43	-	385274 392261
73	Contemporary Trade Directory Entries Name: Kitchen Rescue Ltd Location: 54, Henwood Road, Manchester, M20 4XG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	55	-	385224 392322
74	Contemporary Trade Directory Entries Name: Nevyn King Carpet & Upholstery Cleaning Location: 96, Parkville Road, Manchester, M20 4TZ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	156	-	385183 392183
75	Contemporary Trade Directory Entries Name: Carebridge Ltd Location: 78, Parkville Road, Manchester, M20 4TZ Classification: Car Washing & Polishing Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	171	-	385243 392137
76	Contemporary Trade Directory Entries Name: A & H Taxis Location: 32, Heathside Road, Manchester, Lancashire, M20 4XJ Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	279	-	385558 392513
77	Contemporary Trade Directory Entries Name: Medes Cleaners Location: 577, Wilmslow Road, MANCHESTER, M20 3QH Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	351	-	384926 392294
78	Contemporary Trade Directory Entries Name: Deefield Ltd Location: 154, Parrs Wood Road, Manchester, M20 4RQ Classification: Leather Merchants & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	360	-	385698 392395
79	Contemporary Trade Directory Entries Name: Alpinos Cars Ltd Location: 568, Wilmslow Road, Manchester, M20 3DB Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	387	-	384890 392334
79	Contemporary Trade Directory Entries Name: Manor Park Garage Location: 568, Wilmslow Road, Manchester, M20 3DB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	388	-	384889 392332
80	Contemporary Trade Directory Entries Name: The Janitors Quality Cleaning Location: 35, Stephens Road, Manchester, M20 4XA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	388	-	385569 392653
81	Contemporary Trade Directory Entries Name: Aztec Wrought Iron Location: 63, Southlea Road, Manchester, M20 4TH Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	413	-	385755 392298
82	Contemporary Trade Directory Entries Name: The Christie Hospital Location: Christie Hospital, Wilmslow Road, Manchester, M20 4BX Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	438	-	384876 392486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Contemporary Trade Directory Entries Name: Baxondale Flat Surface Regeneration Ltd Location: 47, Westcroft Road, Manchester, M20 6FE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	488	-	385670 391970
84	Contemporary Trade Directory Entries Name: Fan Filters Location: 6, Ferngate Drive, Manchester, M20 4AH Classification: Filter Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	505	-	384968 392718
85	Contemporary Trade Directory Entries Name: Wilson Packaging Products Location: 38, Hatherley Road, Manchester, M20 4RU Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	525	-	385667 392749
86	Contemporary Trade Directory Entries Name: Christie Hospital Location: 550, Wilmslow Road, Manchester, M20 4BX Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	536	-	384812 392576
86	Contemporary Trade Directory Entries Name: Photopheresis Unit Location: 550, Wilmslow Road, Manchester, M20 4BX Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	541	-	384807 392578
87	Contemporary Trade Directory Entries Name: Manchester Ink & Toner Cartridges Location: 540, Wilmslow Road, Manchester, M20 4BY Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	537	-	384885 392677
88	Contemporary Trade Directory Entries Name: Global Sensor Technology Location: 26, Fairholme Road, MANCHESTER, M20 4NT Classification: Testing, Inspection & Calibration Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	539	-	385436 392882
89	Contemporary Trade Directory Entries Name: Loose Leaf Location: Flat 1, 1, Palatine Road, Manchester, Lancashire, M20 3LH Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	708	-	384876 392907
90	Contemporary Trade Directory Entries Name: Excellence Domestic Cleaning Location: Flat 1, 75, Palatine Road, Manchester, M20 3LJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	717	-	384560 392336
91	Contemporary Trade Directory Entries Name: David Findlay Press Ltd Location: A, 1, Parsonage Road, Manchester, M20 4PB Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	736	-	384962 392999
91	Contemporary Trade Directory Entries Name: Max Spielmann Location: 485, Wilmslow Road, Manchester, M20 4AN Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	760	-	384917 393000
92	Contemporary Trade Directory Entries Name: Northern Railway Ltd Location: Burnage Railway Station, Fog Lane, Manchester, M20 6FJ Classification: Railways Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	763	-	385790 391708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Contemporary Trade Directory Entries Name: Priory Filling Station Location: 44, Fog Lane, Manchester, M20 6AG Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	767	-	384884 391647
94	Contemporary Trade Directory Entries Name: S K Eco Solutions Ltd Location: 195 Emery House, Manchester, Greater Manchester, M20 6FJ Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	784	-	385726 391638
94	Contemporary Trade Directory Entries Name: Space Cleaning Facility Services Location: Emery House, 195, Fog Lane, Manchester, Lancashire, M20 6FJ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	787	-	385722 391632
94	Contemporary Trade Directory Entries Name: Care & Assist Location: 240a, Fog Lane, Manchester, M20 6EL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	791	-	385680 391605
94	Contemporary Trade Directory Entries Name: Fog Lane Laundrette & Dry Cleaners Location: 248-252, Fog Lane, Manchester, M20 6EL Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	814	-	385716 391598
95	Contemporary Trade Directory Entries Name: The Handy Shop Location: 343-345, Kingsway, Manchester, M19 1NQ Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	798	-	386136 392246
96	Contemporary Trade Directory Entries Name: Didsbury Doers Location: 14, The Drive, Manchester, M20 6HA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	802	-	385391 391509
97	Contemporary Trade Directory Entries Name: Hanson Textiles Ltd Location: Surcon House, 11a, Copson Street, Manchester, M20 3HE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	806	-	384847 393008
97	Contemporary Trade Directory Entries Name: Crystal Cleaning (Manchester & Didsbury) Location: Surcon House, 11a, Copson Street, Manchester, M20 3HE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	806	-	384847 393008
97	Contemporary Trade Directory Entries Name: S L P Cleaning Services Location: Surcon House, 11a, Copson Street, Manchester, Lancashire, M20 3HE Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	806	-	384847 393008
98	Contemporary Trade Directory Entries Name: David Stafford Location: 4, Thurleigh Road, Manchester, M20 2DF Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	820	-	384705 391721
98	Contemporary Trade Directory Entries Name: Didsbury & Chorlton Cleaning Co Location: 6, Thurleigh Road, MANCHESTER, M20 2DF Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	828	-	384706 391709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Contemporary Trade Directory Entries Name: Gregory'S Laundry & Dry Cleaners Location: 462, Wilmslow Road, Manchester, M20 3BG Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	820	-	384928 393076
100	Contemporary Trade Directory Entries Name: The Print Store Location: 3, Kingsway Buildings, Kingsway, Manchester, Lancashire, M19 1PH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	825	-	386169 392329
100	Contemporary Trade Directory Entries Name: Siraj Light Ltd Location: 4 Central Buildings, Kingsway, Manchester, M19 1SP Classification: Lampshade Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	827	-	386170 392354
100	Contemporary Trade Directory Entries Name: Site Clean Ltd Location: 3a, Kingsway Buildings, Kingsway, Manchester, M19 1PH Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	840	-	386183 392313
101	Contemporary Trade Directory Entries Name: Pro Cleaners Old Moat Location: 448, Wilmslow Road, Manchester, M20 3BW Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	848	-	384945 393116
101	Contemporary Trade Directory Entries Name: Dania Group Location: 446, Wilmslow Road, Manchester, M20 3BW Classification: Digital Printing Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	852	-	384946 393122
101	Contemporary Trade Directory Entries Name: Johnson Cleaners (Uk) Ltd Location: Ground Floor, 440-442, Wilmslow Road, Manchester, M20 3BW Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	861	-	384946 393132
101	Contemporary Trade Directory Entries Name: Johnson Cleaners (Uk) Ltd Location: 440-442, Wilmslow Road, Manchester, M20 3BW Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	861	-	384946 393132
101	Contemporary Trade Directory Entries Name: Withington Tyres Location: 3, Queen Street West, Manchester, Lancashire, M20 3BQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	870	-	384938 393138
101	Contemporary Trade Directory Entries Name: A R C 1 Tec Location: 4, Queen Street West, Manchester, M20 3BQ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	900	-	384938 393171
101	Contemporary Trade Directory Entries Name: South Manchester Auto Bodies Location: 13a, Davenport Avenue, Manchester, M20 3GA Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	905	-	384938 393177
102	Contemporary Trade Directory Entries Name: Craftworks Location: 18, Burton Road, Manchester, M20 3ED Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	856	-	384726 392972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Contemporary Trade Directory Entries Name: 1st Call Location: Albany Ct, Redcar Av, Manchester, M20 3DY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	876	-	384464 392636
104	Contemporary Trade Directory Entries Name: H P C Repairs Location: 280a, Fog Lane, Manchester, M19 1SR Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9SW (SE)	884	-	385814 391576
105	Contemporary Trade Directory Entries Name: Full Steam Ahead Location: Apartment 9, 15b, Mauldeth Road, Manchester, M20 4NE Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	911	-	385465 393255
106	Contemporary Trade Directory Entries Name: Lms Cleaners Location: 4, Whitchurch Road, Manchester, M20 1FX Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	911	-	384620 392941
106	Contemporary Trade Directory Entries Name: Ims Cleaners Location: 4, Whitchurch Road, Manchester, M20 1FX Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	911	-	384620 392941
106	Contemporary Trade Directory Entries Name: Old Moat Location: 6, Whitchurch Road, Manchester, M20 1FX Classification: Antiques - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	918	-	384614 392944
106	Contemporary Trade Directory Entries Name: Which Wood Stoves Location: 6, Whitchurch Road, Manchester, M20 1FX Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	918	-	384614 392944
107	Contemporary Trade Directory Entries Name: I L Kirkham Ltd Location: 370, Kingsway, Manchester, Lancashire, M19 1PL Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	935	-	385867 391551
107	Contemporary Trade Directory Entries Name: Broomhalls Domestic Location: 382, Kingsway, Manchester, M19 1PL Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	964	-	385859 391510
108	Contemporary Trade Directory Entries Name: Pool Your Ideas Location: 65-67, Mauldeth Road, Manchester, M20 4NF Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	940	-	385724 393204
109	Contemporary Trade Directory Entries Name: Uk Medical Centre Ltd Location: 2, Rippingham Road, Manchester, M20 3EX Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	945	-	384998 393245
109	Contemporary Trade Directory Entries Name: Wellington Garage Location: 158, Wellington Road, Withington, Manchester, M20 3FU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	982	-	384987 393280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Contemporary Trade Directory Entries Name: The Cleaning Company Location: 11, Catterick Avenue, Manchester, M20 6HH Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	948	-	385371 391360
111	Contemporary Trade Directory Entries Name: Supasnaps Location: 703a Wilmslow Rd, Didsbury, Manchester, M14 5AL Classification: Photographic Processors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	972	-	385183 393318
112	Contemporary Trade Directory Entries Name: M J Stevenson Services Location: 4, Brooklands Avenue, Manchester, M20 1JE Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	974	-	384343 392588
113	Contemporary Trade Directory Entries Name: Shine & Sparkle Cleaning Location: 15, Brookdene Road, Manchester, M19 1BQ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	975	-	386283 392596
114	Contemporary Trade Directory Entries Name: Reproduction Furniture Location: 2, Lane End Road, Manchester, M19 1WA Classification: Furniture - Reproduction Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	985	-	385953 391555
115	Contemporary Trade Directory Entries Name: Asco Laboratories Location: 40, Derby Road, Manchester, M14 6US Classification: Laboratories Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	989	-	385548 393318
116	Contemporary Trade Directory Entries Name: E M Engineering Location: 100, Mauldeth Road, Manchester, M14 6SQ Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	990	-	385873 393176
117	Contemporary Trade Directory Entries Name: Sugar Soap Clean Location: Flat 1 & 3-5, 39, Central Road, Manchester, M20 4YE Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (W)	998	-	384285 392426
118	Fuel Station Entries Name: Oak Garage Location: 568, Wilmslow Road, Withington, Manchester, Greater Manchester, M20 3DB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A12SE (W)	476	-	384800 392300
119	Fuel Station Entries Name: Priory Service Station Location: 42, Fog Lane, Didsbury, Manchester, Greater Manchester, M20 6AL Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7NE (SW)	761	-	384870 391663
120	Fuel Station Entries Name: Tcs Kingsway Location: 370, Kingsway Fog Lane, Burnage, Manchester, Greater Manchester, M19 1AL Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A9SW (SE)	934	-	385866 391551

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Points of Interest - Commercial Services Name: Manor Park Garage Location: 568 Wilmslow Road, Manchester, M20 3DB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	387	7	384890 392334
121	Points of Interest - Commercial Services Name: Tranzfit Car Alarms & Stereos Location: 570 Wilmslow Road, Manchester, Greater Manchester, M20 3DB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (W)	404	7	384872 392321
121	Points of Interest - Commercial Services Name: Didsbury Hand Car Wash Location: 572 Wilmslow Road, Manchester, M20 3DB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (W)	404	7	384872 392321
122	Points of Interest - Commercial Services Name: German & French Location: 147 Parrs Wood Road, Manchester, M20 4RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	394	7	385735 392380
123	Points of Interest - Commercial Services Name: M R B Auto Detailing & Valeting Location: 1 Ainsford Road, Manchester, M20 4ST Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NW (E)	635	7	385934 392570
124	Points of Interest - Commercial Services Name: S K Eco Solutions Ltd Location: 195 Emery House, Manchester, M20 6FJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	784	7	385726 391638
125	Points of Interest - Commercial Services Name: Withington Tyres Location: 3 Queen Street West, Manchester, M20 3BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	870	7	384938 393138
125	Points of Interest - Commercial Services Name: Auto Repair Centre Location: 2 Queen Street West, Manchester, M20 3BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	895	7	384947 393169
125	Points of Interest - Commercial Services Name: Auto Repair Centre 1 Ltd Location: 4 Queen Street West, Manchester, M20 3BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	900	7	384938 393172
125	Points of Interest - Commercial Services Name: Arc 1 Auto Repair Centre Ltd Location: 4 Queen Street West, Manchester, M20 3BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	900	7	384938 393172
125	Points of Interest - Commercial Services Name: A R C 1 Tec Location: 4 Queen Street West, Manchester, M20 3BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	900	7	384938 393171
125	Points of Interest - Commercial Services Name: South Manchester Auto Bodies Location: 13a Davenport Avenue, Manchester, M20 3GA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	923	7	384938 393196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Points of Interest - Commercial Services Name: E Ryan Haulage Ltd Location: 85 Broadlea Road, Manchester, M19 1ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	966	7	386309 392370
127	Points of Interest - Commercial Services Name: Wellington Garage Location: 158 Wellington Road, Withington, Manchester, M20 3FU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	981	7	384987 393279
127	Points of Interest - Commercial Services Name: Wellington Garage Ltd Location: 158 Wellington Road, Withington, Manchester, M20 3FU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	982	7	384987 393280
128	Points of Interest - Commercial Services Name: Auto Response Location: 15 Lane End Road, Manchester, M19 1WA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SE (SE)	994	7	386006 391590
129	Points of Interest - Education and Health Name: The Christie Location: 550 Wilmslow Road, Manchester, M20 4BX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NE (NW)	536	7	384811 392575
129	Points of Interest - Education and Health Name: The Christie Location: 550 Wilmslow Road, Manchester, M20 4BX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NE (NW)	536	7	384812 392576
129	Points of Interest - Education and Health Name: The Christie Location: 550 Wilmslow Road, Manchester, M20 4BX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NE (NW)	536	7	384812 392576
129	Points of Interest - Education and Health Name: The Christie Clinic Location: 550 Wilmslow Road, Manchester, M20 4BX Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A12NE (NW)	541	7	384807 392578
130	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	0	7	385317 392328
131	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	912	7	384935 393183
131	Points of Interest - Manufacturing and Production Name: Works Location: M20 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	912	7	384932 393182
132	Points of Interest - Public Infrastructure Name: Withington Fire Station Location: Fire Station, Wilmslow Road, Manchester, M20 4AW Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	594	7	384927 392802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Points of Interest - Public Infrastructure Name: Greater Manchester County Fire Service Location: Fire Station, Wilmslow Road, Manchester, M20 4AW Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	597	7	384926 392805
132	Points of Interest - Public Infrastructure Name: Fire Station Withington Location: Fire Station, Wilmslow Road, Manchester, M20 4AW Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	597	7	384926 392805
133	Points of Interest - Public Infrastructure Name: Burnage Rail Station Location: Melbury Avenue, M19 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A9NW (SE)	772	7	385798 391703
133	Points of Interest - Public Infrastructure Name: Burnage Station Location: Melbury Avenue, M20 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A9NW (SE)	772	7	385798 391703
134	Points of Interest - Recreational and Environmental Name: Skatepark Location: M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	272	7	385217 392039
135	Points of Interest - Recreational and Environmental Name: Playground Location: Parkville Road, M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	295	7	385348 392014
135	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	323	7	385346 391986
135	Points of Interest - Recreational and Environmental Name: Playground Location: Parkville Road, M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	323	7	385338 391985
136	Points of Interest - Recreational and Environmental Name: Fog Lane Park Location: Fog Lane, Didsbury, Manchester, M20 6ED Category: Recreational Class Code: Municipal Parks And Gardens Positional Accuracy: Positioned to address or location	A8NW (S)	418	7	385309 391886
137	Points of Interest - Recreational and Environmental Name: Fog Lane Park Location: 133b Fog Lane, Manchester, M20 6ED Category: Recreational Class Code: Municipal Parks And Gardens Positional Accuracy: Positioned to address or location	A8NE (S)	627	7	385474 391701
138	Points of Interest - Recreational and Environmental Name: Skatepark Location: M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	855	7	385927 392961
138	Points of Interest - Recreational and Environmental Name: Play Area Location: M20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	869	7	385958 392950

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Trafford Metropolitan Borough Council - Renewal and Environmental Protection Manchester City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environment Team (Land & Water) Tameside Metropolitan Borough Council - Environmental Health Department	June 2020 November 2013 October 2017 October 2017 October 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	July 2021	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	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Tameside Metropolitan Borough Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2021	
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	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	July 2021	Quarterly
Water Abstractions Environment Agency - North West Region	July 2021	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	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 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	July 2021	Quarterly
Local Authority Landfill Coverage Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
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	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Trafford Metropolitan Borough Council Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control	April 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Manchester City Council - Planning Department Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control	April 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	June 2021	Quarterly
Points of Interest - Education and Health PointX	June 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2021	Quarterly
Points of Interest - Public Infrastructure PointX	June 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2021	Quarterly
Underground Electrical Cables National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Manchester City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Manchester City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

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	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	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
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Manchester City Council Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
9	Stockport Metropolitan Borough Council Hygarth House, 103 Wellington Road South, Stockport, Greater Manchester, SK1 3TP	Telephone: 0161 480 4949 Fax: 0161 477 9530 Website: www.stockport.gov.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	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 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFSD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	WLSF	Wilmslow Sandstone Formation	Sandstone	Not Supplied - Early Triassic
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	ETM	Etruria Formation	Sandstone and Mudstone	Not Supplied - Westphalian
		Faults		



Geology 1:50,000 Maps

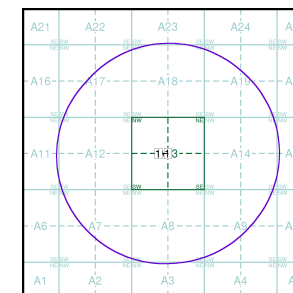
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	098
Map Name:	Stockport
Map Date:	1962
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

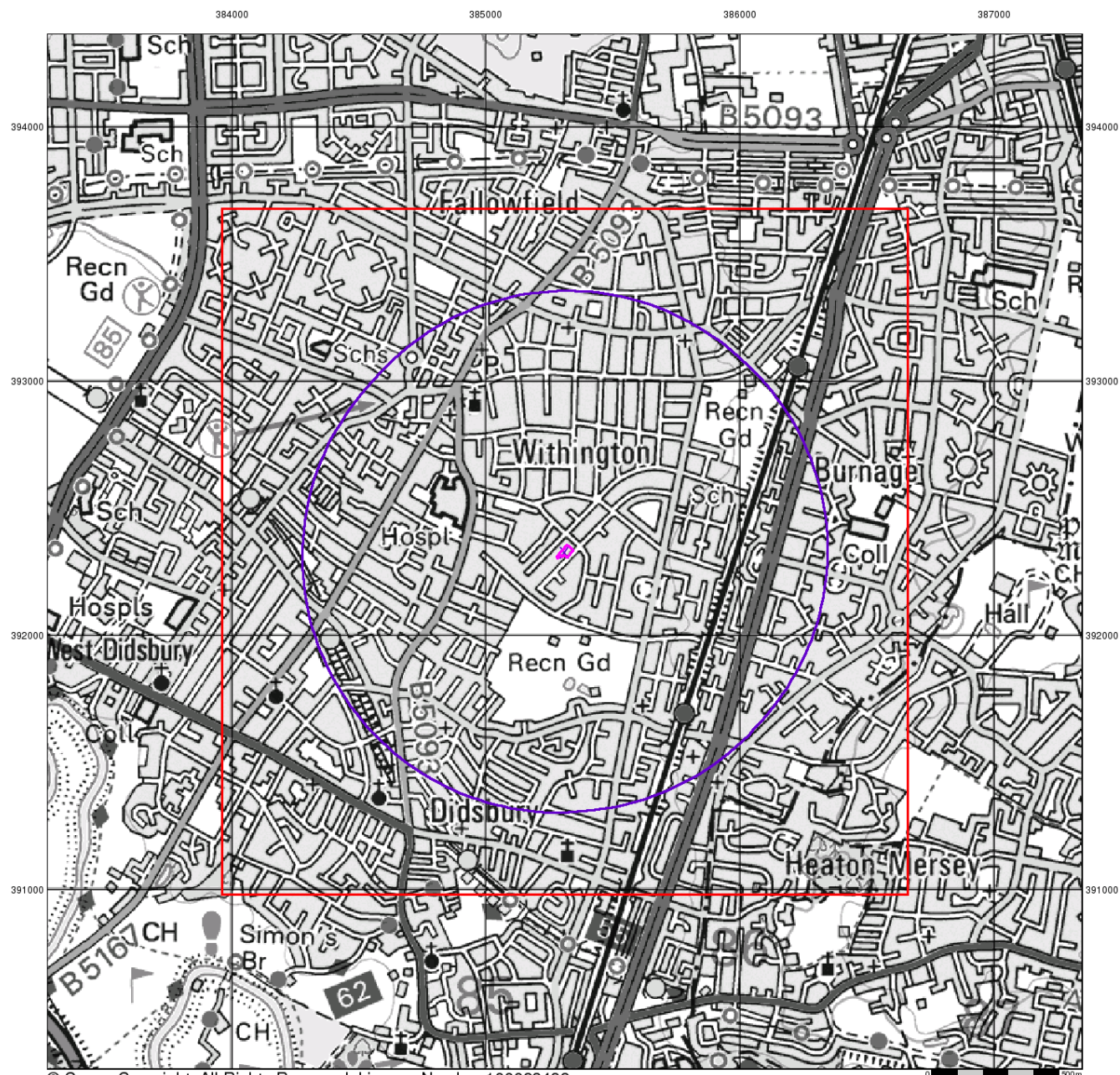


Order Details:

Order Number:	283948819_1_1
Customer Reference:	LKC 21 1501
National Grid Reference:	385310, 392330
Slice:	A
Site Area (Ha):	0.16
Search Buffer (m):	1000

Site Details:

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Artificial Ground and Landslip

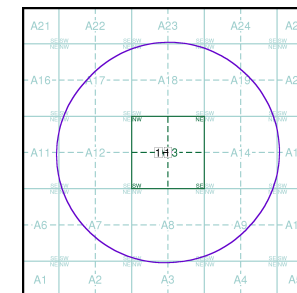
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Order Number: 283948819_1_1
 Customer Reference: LKC 21 1501
 National Grid Reference: 385310, 392330
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details:

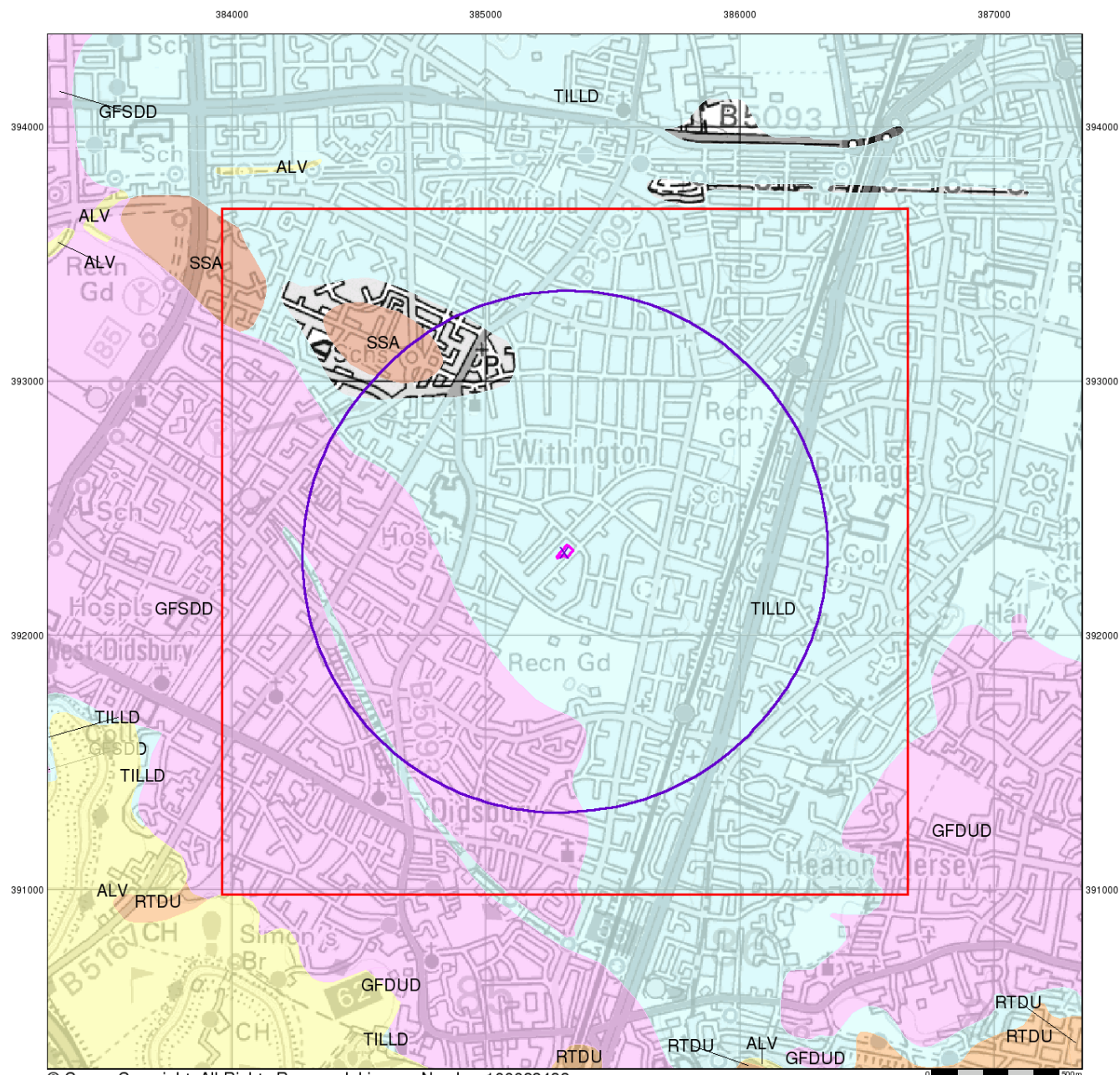
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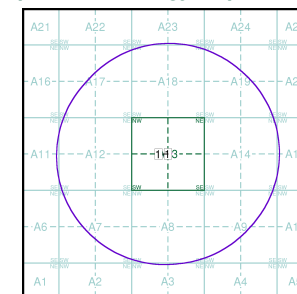
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, 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: 283948819_1_1
 Customer Reference: LKC 21 1501
 National Grid Reference: 385310, 392330
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details:

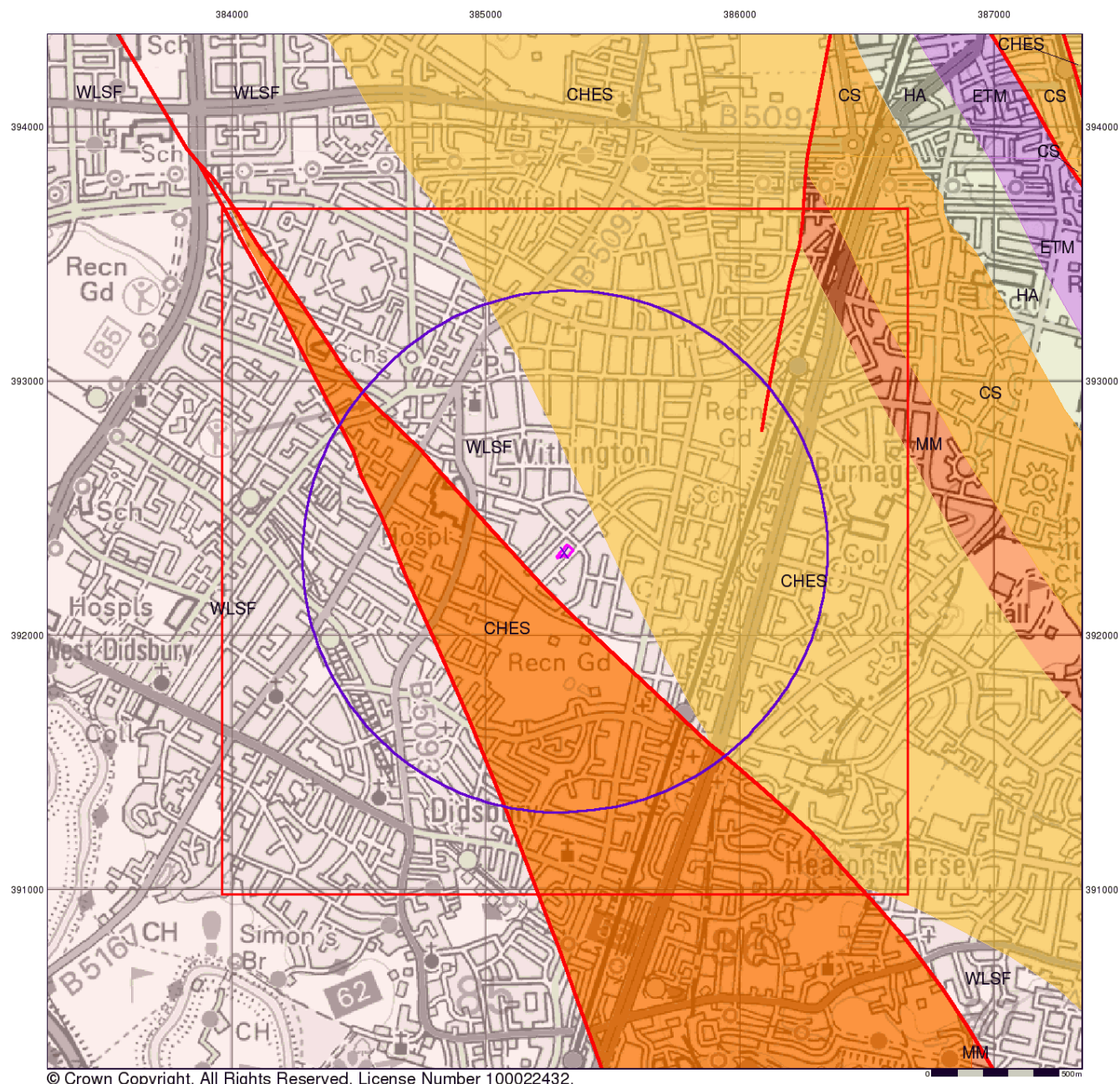
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Bedrock and Faults

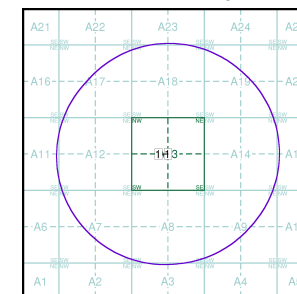
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

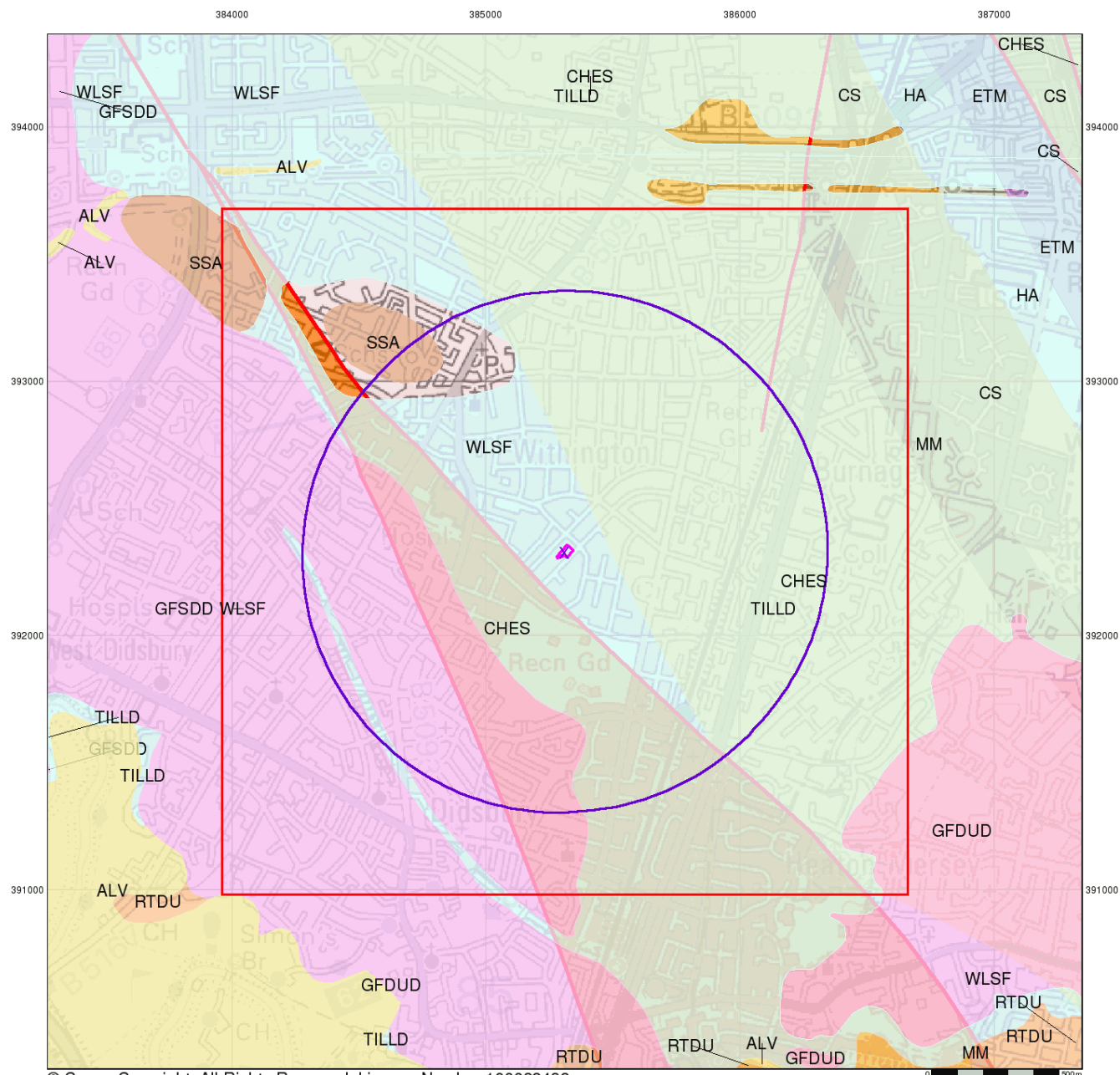
Order Number: 283948819_1_1
 Customer Reference: LKC 21 1501
 National Grid Reference: 385310, 392330
 Slice: A
 Site Area (Ha): 0.16
 Search Buffer (m): 1000

Site Details:

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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.

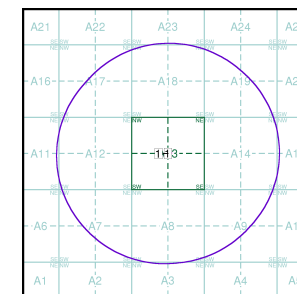
Additional Information

More information on 1:50,000 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: 283948819_1_1
Customer Reference: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details:

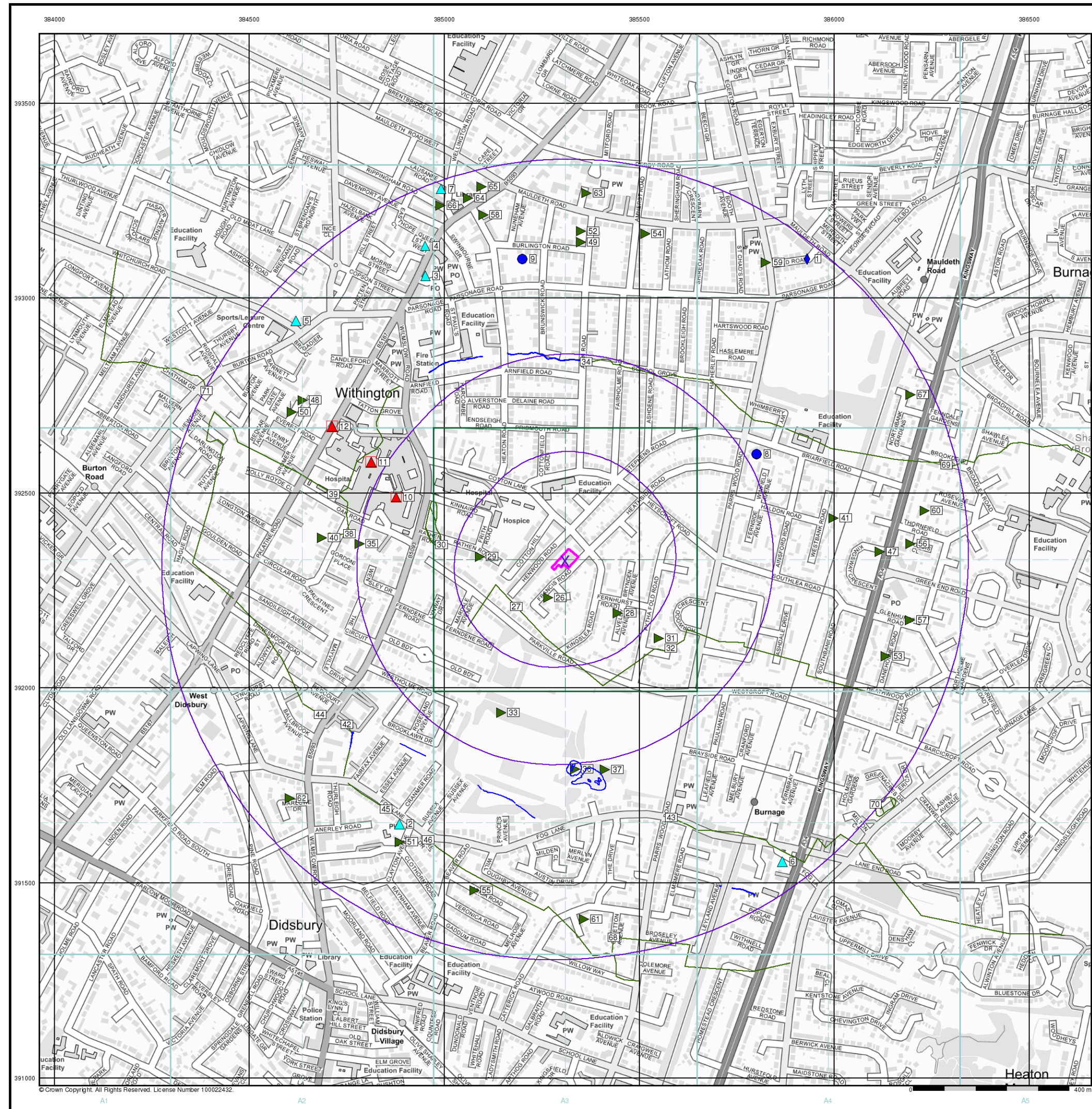
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Page 5 of 5

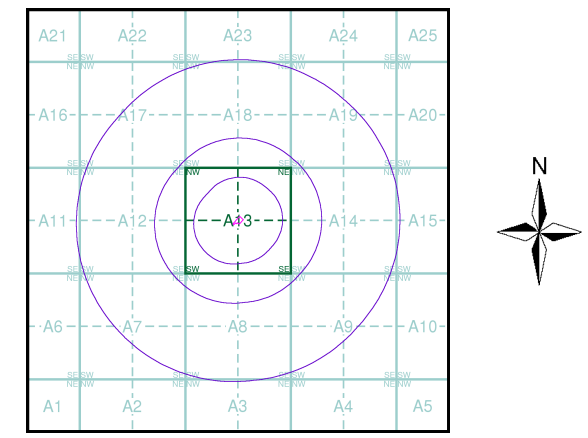


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- General**
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
 - BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A

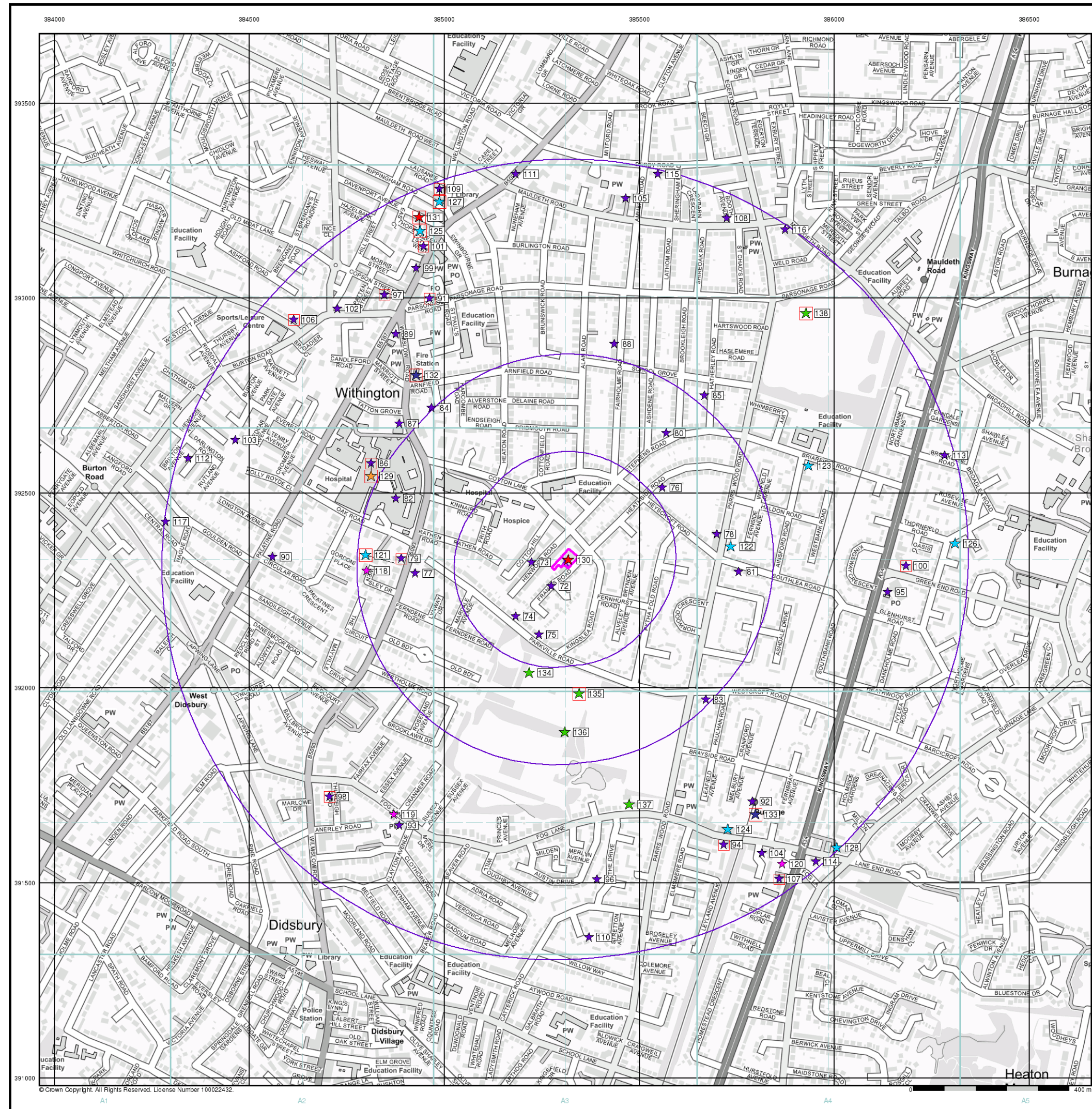


Order Details
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details
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INFORMATION GROUP

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Web: www.envirocheck.co.uk

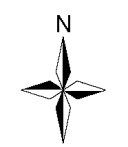
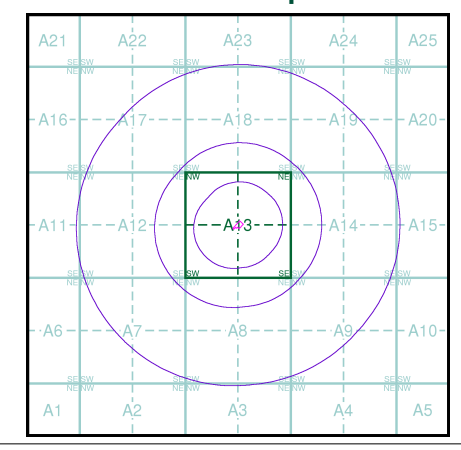


LK GROUP

Industrial Land Use Map

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Gas Pipeline
 - Points of Interest - Commercial Services
 - Points of Interest - Education and Health
 - Points of Interest - Manufacturing and Production
 - Points of Interest - Public Infrastructure
 - Points of Interest - Recreational and Environmental
 - Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

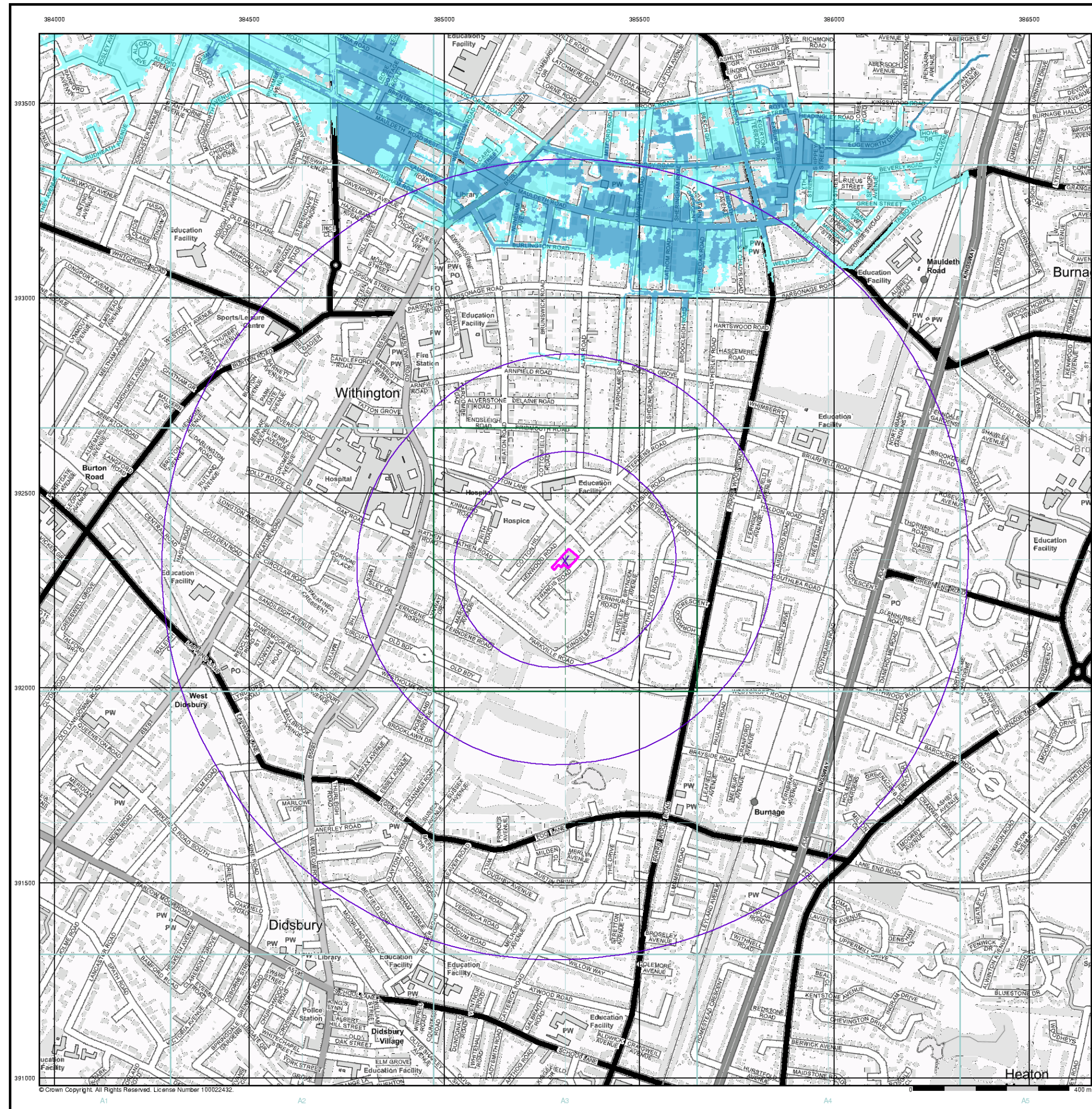
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

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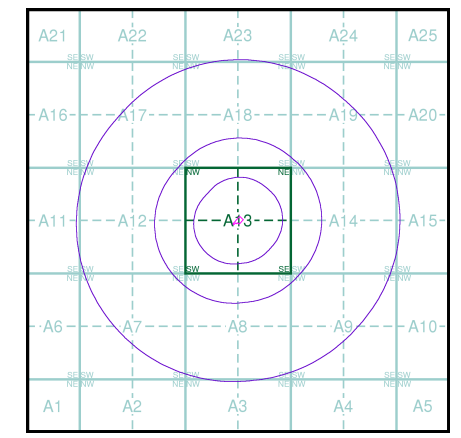
General

- 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

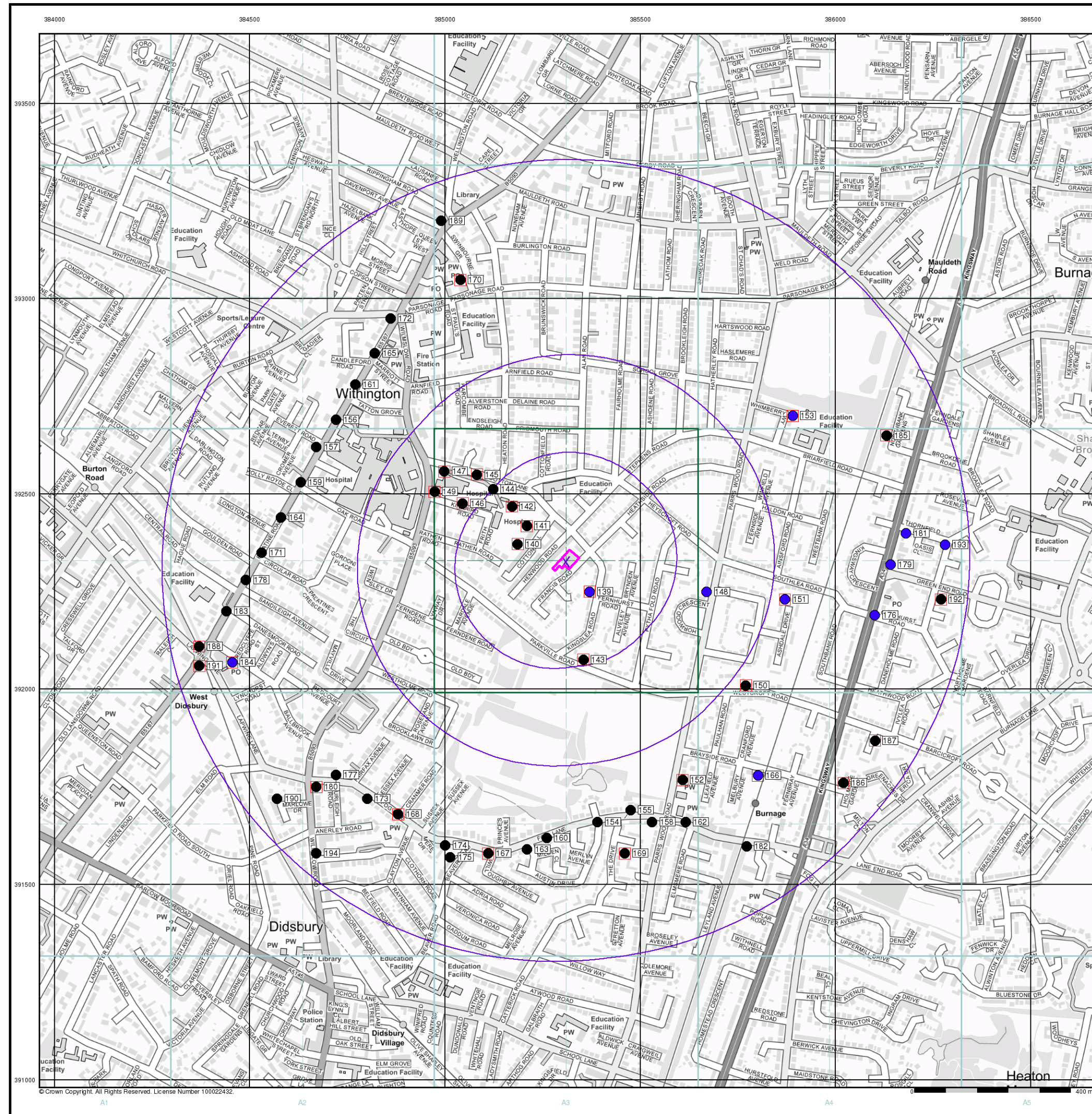
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

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General

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

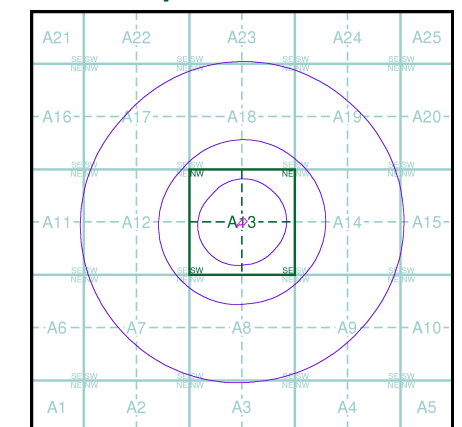
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

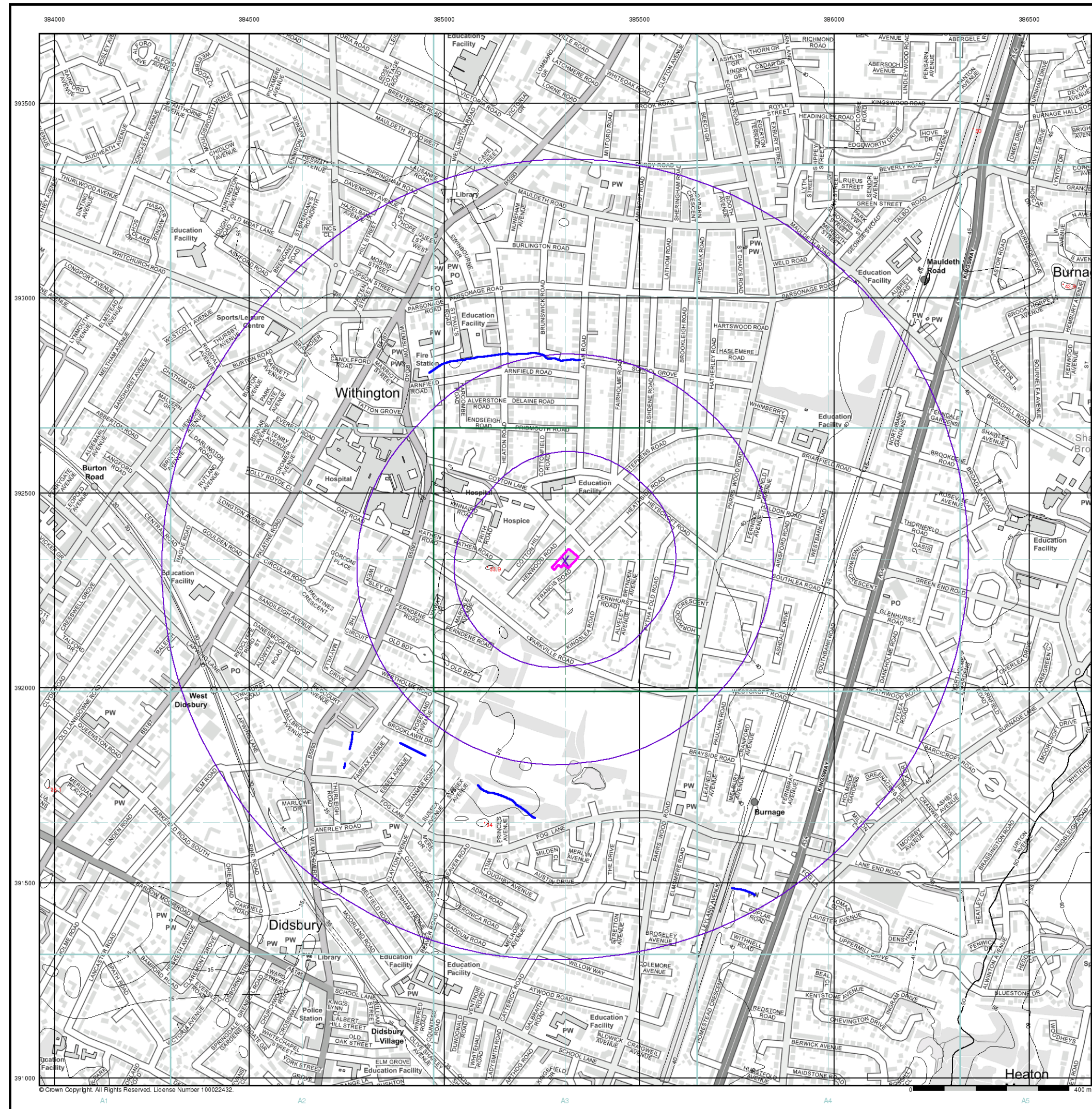
Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

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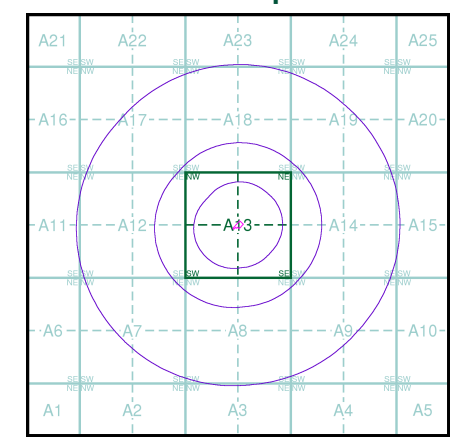


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 283948819_1_1

Customer Ref: LKC 21 1501

National Grid Reference: 385310, 392330

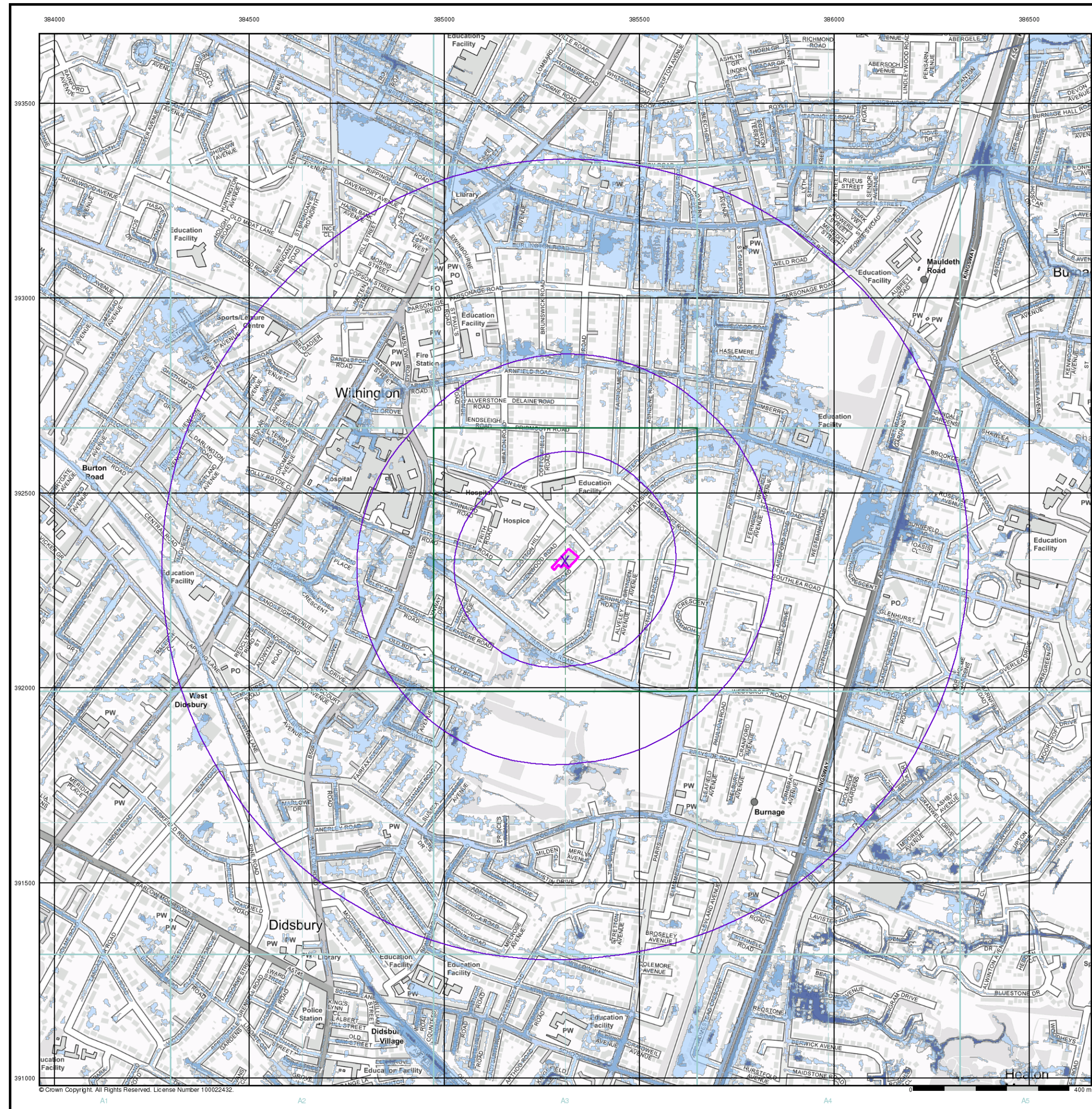
Slice: A

Site Area (Ha): 0.16

Search Buffer (m): 1000

Site Details

Francis Road, Manchester, M20 4XP



General

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

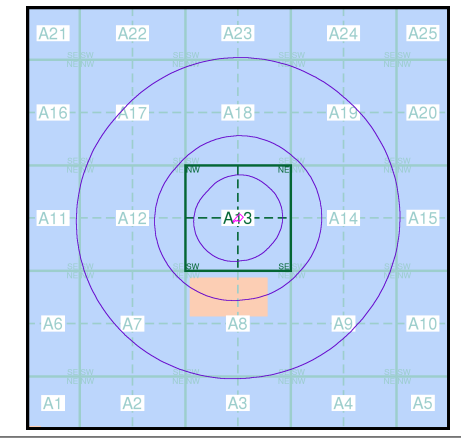
Risk of Flooding from Surface Water

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

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

E/NRW Suitability Map - Slice A



Order Details

Order Number: 283948819_1_1
Customer Ref: LKC 21 1501
National Grid Reference: 385310, 392330
Slice: A
Site Area (Ha): 0.16
Search Buffer (m): 1000

Site Details

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

Appendix C

Historical BGS Boreholes



MINI • SOIL • SURVEYS

JOB NUMBER CAS0233

BOREHOLE No. 2 of 4

CREW A

SITE 28 Kingslea Road, Withington

DATE DRILLED 08/08/90

GROUND LVL (if recorded)

Description	Depth	Leg	Sample/Test
80 mm tarmac overlying brown, clayey topsoil FILL with occ., gravel.			
Firm to stiff, brown and grey, mottled slightly sandy CLAY with occ., black shale fragments.	0.90		1.1 SV 95Kn/m ² 1.2 SPT N= 11
Very stiff, brown and grey, mottled slightly sandy CLAY with occ., sandstone and black shale fragments.	1.60		1.7 SV 140+Kn/m ² 1.8 SPT N= 15
End of hole.	2.20		2.3 SV 140+Kn/m ²

Comments: Hole dry.
SV @ 1.1 possibly affected by gravel.
SPT @ 1.2 2/1/2,2,3,4 SV @ 1.7 possibly affected
by gravel. SPT @ 1.8 2/2/3,4,3,5

Appendix D

Zetica PDSA & UXO Unexploded Bomb Risk Map

Pre-Desk Study Assessment

Site:	Francis Road, Didsbury, Greater Manchester
Client:	The LK Group
Contact:	Matthew Pennington
Date:	13 th September 2021
Pre-WWI Military Activity on or Affecting the Site	None identified.
WWI Military Activity on or Affecting the Site	None identified.
WWI Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: ■ Manchester Ship Canal and Salford Docks. ■ Transport infrastructure and public utilities. ■ Industries important to the war effort, including aircraft manufacturing and engineering works. ■ Royal Flying Corp (RFC) Alexandra Park. ■ Anti-Aircraft (AA) guns.
WWI Bombing	None identified on the Site.
Interwar Military Activity on or Affecting the Site	None identified.
WWII Military Activity on or Affecting the Site	None identified.
WWII Strategic Targets (within 5km of Site)	The following strategic targets were located in the vicinity of the Site: ■ Manchester Ship Canal and Salford Docks. ■ Transport infrastructure and public utilities. ■ Industries important to the war effort, including aircraft manufacturing, chemical and engineering works. ■ AA and anti-invasion defences.
WWII Bombing Decoys (within 5km of Site)	None.
WWII Bombing	During WWII the Site was located in the County Borough (CB) of Manchester, which officially recorded 737No. High Explosive (HE) bombs with a bombing density of 27.0 bombs per 405 hectares (ha). The Manchester area was heavily bombed between the 22nd and 24th December 1940 (the 'Manchester Blitz'). Over 400No. HE bombs and more than 30,000 Incendiary Bombs (IBs) fell across the region. Bombing was concentrated on Manchester city centre, approximately 6km north-northwest of the Site. No readily available records have been found to indicate that the Site was bombed.
Post-WWII Military Activity on or Affecting the Site	None identified.
Recommendation	A detailed desk study, whilst always prudent, is not considered essential in this instance.
This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary. It should be noted that where a potentially significant source of UXO hazard has been identified on the Site, the requirement for a detailed desk study and risk assessment has been confirmed and no further research will be undertaken at this stage. It is possible that further in-depth research as part of a detailed UXO desk study and risk assessment may identify other potential sources of UXO hazard on the Site.	

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Map Centre: 385304,392338



LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

- military**
- industry**
- UXO find**
- transport**
- dock**
- Luftwaffe targets**
- utilities**
- Bombing decoy**
- other**

How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Appendix E

Risk Evaluation

Risk Evaluation

The method for risk evaluation is a qualitative method of interpreting the output from the risk estimation stage of the assessment, based on CIRIA 552¹⁵. It involves the classification of the:

- Magnitude of the potential consequence (severity) of the risk occurring (Table A).
- Magnitude of the probability (likelihood) of the risk occurring (Table B).

Consequence (Severity)		
Classification	Definition	Example
Severe	- Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. - Short term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. - Catastrophic damage to buildings/properties. - A short term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definition of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000).	- High concentrations of cyanide on the surface of an informal recreation area. - Major spillage of contaminants from site into controlled waters. - Explosion, causing building collapse (can also equate to short term human health risk if buildings are occupied).
Medium	- Chronic damage to Human Health ('significant harm' as defined in DETR, 2000). - Pollution of sensitive water resources (note Water Resources Act contains no scope for considering significance of pollution). - A significant change in a particular ecosystem, or organism forming part of such ecosystem.	- Concentrations of a contaminant from site exceed generic, or site specific assessment criteria. - Leaching of contaminants from a site to a major or minor aquifer (Principal and Secondary). - Death of a species within a designated nature reserve.
Mild	- Pollution of non-sensitive water resources. - Significant damage to crops, buildings, structures and services ('significant harm' as defined in DETR, 2000). - Damage to sensitive buildings / structures / services or the environment.	- Pollution of non-classified groundwater. - Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	- Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. - Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.). - Easily repairable damage to buildings, structures and services.	- The presence of contaminants at such concentrations that protective equipment is required during site works. - The loss of plants in a landscaping scheme. - Discoloration of concrete.

Table A: Classification of consequence.

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

Table B: Classification of probability.

¹⁵ CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

These classifications are then compared to indicate the risk presented by each pollutant linkage (Table C). It is important that this classification is only applied where there is a possibility (which can range from high likelihood to unlikely) of a pollutant linkage existing.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	Very Low Risk

Table C: Comparison of consequence against probability.

Once the risk has been determined the corresponding action can be assessed (Table D).

Risk	Action Required
Very High Risk	- There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. - This risk, if realised, is likely to result in a substantial liability. - Urgent investigation (if not already undertaken) and remediation are likely to be required.
High Risk	- Harm is likely to arise to a designated receptor from an identified hazard. - Realisation of the risk is likely to present a substantial liability. - Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
Moderate Risk	- It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. - Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low Risk	- It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	- There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Table D: Description of the classification and likely action required.

Where LKC identified a low to very low risk either limited intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e. moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk intrusive work or precautionary remedial measures will be recommended.

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