

ARCHAEOLOGICAL DESK BASED ASSESSMENT

Apex Tower, Great Bridgewater Street, Manchester.

ARS Report N°: 2022/003



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APEX TOWER, GREAT BRIDGEWATER STREET, MANCHESTER

ARCHAEOLOGICAL DESK-BASED ASSESSMENT

ARS LTD REPORT 2022/003



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Planning Reference: N/A (Pre-planning)
Local Authority: Manchester City Council
Site central NGR: SJ 83679 97611

EXECUTIVE SUMMARY

Project Name:	Apex Tower, Great Bridgewater Street, Manchester
Planning Authority:	Manchester City Council
Planning Reference:	N/A (Pre-planning)
Location:	Great Bridgewater Street, Manchester
Bedrock Geology:	Chester Formation – Sandstone
Superficial Geology:	Glaciofluvial Sheet Deposits, Devensian – Sand and Gravel to the southwest of the site and to the northeast Till, Devensian – Diamicton
Soils:	Naturally wet very acid sandy and loamy soils
Site central NGR:	SJ 8367 9761
Date of Report:	January 2022

Archaeological Research Services Ltd was commissioned by Zerum Consult Ltd to produce an Archaeological Desk-Based Assessment (DBA) of an area of land at Apex Tower, Great Bridgewater Street, Manchester. This is in advance of the submission of a planning application for two apartment blocks consisting of 81 one and two bedroom apartments with a basement level for the accommodation of cycle and refuse storage.

This assessment has identified that Greater Manchester HER does not record any heritage assets within the boundaries of the sites. However, the historical map regression has identified that the PDA's in the 19th-20th century were once the location of commercial activity and residential dwellings. At present the sites comprise a pair of levelled tarmac and aggregate car parks that appears to have not been redeveloped since the 19th century buildings were demolished in the 1990s. It is unknown what level of site clearance was carried out in the late 20th century prior to the construction of the car parks. It is likely therefore that if the site was levelled and the car park built across the site, on top of the levelled area, that appears in situ below ground foundations or cellarage could still be present.

The 19th century development of Area A of the site comprised both a commercial unit and residential dwellings. 52 Great Bridgewater Street consisted of a commercial unit with residential dwelling (ARS1), while located to the south of this area, terraced housing, backyards and privies, faced onto Trumpet Street, possibly represent 55-65 Trumpet Street, later 55-61 Trumpet Street (ARS2). Development in the Area B of the site, in the 19th century, consisted of a building of commercial units, representing 1-11 Albion Street (ARS3), which had replaced a Coal yard and warehouses (ARS4) recorded on Adshead's 1850-1851 Maps of the Township of Manchester that had subsequently replaced a vacant plot identified on Green's 1794 Plan of Manchester and Salford. Any archaeological remains from the 19th century would be of evidential value of local and regional significance in understanding the lives of the urban working class and in the development of mercantile enterprises.

Due to the 19th century development within the proposed development area, there is a potential for truncation or disturbance of any earlier archaeological deposits. However, there is no known documentation for the presence or absence of cellarage relating to the 19th century development within the area. If earlier archaeological deposits do survive, due to the vicinity of Romano-British activity to the proposed development area, there is a potential for Romano-British remains within the site. However unlikely, any remains would be of archaeological interest and evidential value of local and regional significance because of their period, survival and rarity.

It is recommended that an archaeological evaluation should be undertaken, consisting of two box trenches, one within each area of the proposed development area. This investigation would ascertain the presence or absence of below ground features such as foundations and cellarage relating to the 19th century activity within the development area and assess the level of possible disturbance/truncation or preservation of earlier below ground features and deposits.

CONTENTS

1	Introduction	1
1.1	Project and Planning Background	1
1.2	Site description	1
1.3	Geology and Soils	1
2	Aims and Objectives.....	1
3	Method Statement	2
3.1	Approach.....	2
3.2	Study Area.....	2
3.3	Information Sources.....	2
4	Baseline Assessment	3
4.1	Archaeological and Historical Background	3
4.1.1	Early Prehistoric (-1,000,000 to 43 AD).....	3
4.1.2	Romano-British (43 to 410 AD)	3
4.1.3	Medieval (410 to 1540).....	4
4.1.4	Post-Medieval to Modern (1540 to the present day).....	4
4.2	Designated Assets	6
4.3	Non-Designated/Other Heritage Assets	6
4.3.1	Archaeological Remains	6
4.3.2	Historic Built Environment	7
4.3.3	Historic Landscape	7
4.4	Previous Investigations	7
4.4.1	Archaeological Events	7
5	Assessment of the Significance of Affected Heritage Assets.....	8
6	Assessment of Potential Impacts	9
7	Recommendations	10
8	Statements and Acknowledgements.....	10
8.1	Archive Deposition	10
8.2	Publicity, Confidentiality and Copyright	10
8.3	Statement of Indemnity.....	10
8.4	Acknowledgements.....	10
9	References.....	11
9.1	Primary Sources	11
9.2	Secondary Sources	12
	Appendix I Trade Directories	15
	Albion Street	15
	Great Bridgewater Street.....	16

Appendix II Census.....	17
Great Bridgewater Street.....	17
Albion Street	20
Trumpet Street.....	21
Appendix III Gazetteer of Archaeological Remains	27
HER Entries.....	27
Appendix IV Gazetteer of the Historic Built Environment	29
Listed Buildings	29
Conservation Areas	29
HER Entries.....	29
Appendix V Gazetteer of HLC Units.....	30
Appendix VI Gazetteer of Previous Archaeological Events	32
HER Event Entries.....	32
Appendix VII Figures	33
Appendix VIII Photographs.....	40
Appendix IX Groundsure Large-Scale Historic Map Report	43

LIST OF TABLES

Table 1: Features identified from historic mapping	6
Table 2: HLC types Located within the site boundaries.....	7

LIST OF FIGURES

Figure 1: Site location	34
Figure 2: Historic Built Environment	35
Figure 3: Archaeological Remains	36
Figure 4: HLC Units.....	37
Figure 5: Archaeological Events	38
Figure 6 Features identified from Historical Mapping.....	39

LIST OF PHOTOGRAPHS

Photograph 1: View north from Trumpet Street	41
Photograph 2: View south from Great Bridgewater Street	41
Photograph 3: View north from Trumpet Street	42
Photograph 4: View north towards Bridgewater Street	42

I INTRODUCTION

1.1 Project and Planning Background

Archaeological Research Services Ltd was commissioned by Zerum Consult Ltd to produce an Archaeological Desk-Based Assessment (DBA) of an area of land at Great Bridgewater Street, Manchester. This is in advance of the submission of a planning application for two apartment blocks comprising 81 one and two bed apartments. This assessment addresses the potential impacts of development at this site upon below-ground archaeological remains only, with impacts to the built environment to be addressed within a separate report.

1.2 Site description

The 'red line boundary' of the proposed development area (hereafter 'PDA') is depicted by red polygons on Figure 1, is c.0.043 ha in area, and is centred at NGR SJ 8367 9761 (Figure 1). The PDA is split into two area separate areas by the Britons' Protection Public House and are referred to as Areas A and B:

- ◆ Area A, to the east of the Britons' Protection Public House, is bounded to the north by Great Bridgewater Street, to the west by Jurys Inn, Manchester, to the south by Trumpet Street and the Britons' Protection Public House and beer garden wall to the west. A site visit of this area identified that it is currently a flat aggregate area, partially used as a carparking (Appendix VIII, Photographs 1-2).
- ◆ Area B, to the east of the Briton's Protections Public House, is bounded to the north by Great Bridgewater Street, the west by the Britons' Protection Public House and beer garden, to the south by Trumpet Street and to the west by the A5103, Albion Street. A site visit identified that this area is currently used as a flat tarmac carpark (Appendix VIII, Photographs 3-4).

1.3 Geology and Soils

The underlying solid geology of the PDA *comprises* Chester Formation - Sandstone. Sedimentary Bedrock formed approximately 247 to 250 million years ago in the Triassic Period. Local environment previously dominated by rivers (BGS 2022).

This is overlain by a superficial deposit of Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel. Superficial Deposits formed up to 2 million years ago in the Quaternary Period to the southwest of the site and Till, Devensian - Diamicton. Superficial Deposits to the northeast (BGS 2022).

The soils of the PDA are classified by the *Soilscapes* interactive online viewer as belonging to the Soilscapes 15 soils unit. These soils are described as '*naturally wet very acid sandy and loamy soils*' (Cranfield University 2022).

2 AIMS AND OBJECTIVES

The principal aims of this assessment are to produce a report detailing the archaeological potential of the PDA, and to assess the potential impacts of the proposed development upon any buried and upstanding archaeological remains, and to assess their significance. The following objectives will contribute towards accomplishing this aim:

- ◆ To collate and assess existing information about the historic environment within the study area and to determine as fully as possible from the available evidence the nature, survival, quality, extent and importance of any archaeological remains within the PDA.

- ◆ To provide an assessment of areas of archaeological potential and survival based on the above research and assess the potential for the use of particular investigative techniques in order to aid the formulation of any necessary mitigation strategy, including further evaluation, excavation, and/or preservation of archaeological remains.
- ◆ To assess, where possible from the available sources, the extent of any ground disturbance associated with any previous intrusive development.

3 METHOD STATEMENT

3.1 Approach

The DBA was undertaken in accordance with the guidelines set out in The Chartered Institute for Archaeologists' *Standards and Guidance for Historic Environment Desk Based Assessment* (CIfA 2020).

The approach to the assessment of significance is that set out in *Conservation Principles* (English Heritage 2008), which states that the significance of heritage assets derives from the 'heritage values' that they possess, which may be *evidential*, *historical* (either *illustrative* or *associative*), *aesthetic* or *communal*. It is further outlined in Annex 1 of *Scheduled Monuments & Nationally Important but Non-Scheduled Monuments* (DCMS 2013) which states that 'monuments can have both archaeological and historic interest and derive significance from both their physical presence and their setting. The following principles should be used to gauge the importance of heritage assets: *period, rarity, documentation/finds, group value, survival/condition, fragility/vulnerability, diversity, and potential*' (DCMS 2013, 10-11).

Reference is also made to 'heritage significance' as described in the *National Planning Policy Framework* (NPPF), which is defined as the '*value of a heritage asset to this and future generations because of its heritage interest. That interest may be archaeological, architectural, artistic or historic. Significance derives not only from a heritage asset's physical presence, but also from its setting*' (MHCLG 2021, 71-72).

3.2 Study Area

The study area adopted for this assessment was agreed with Lesley Dunkley, Historic Environment Record Officer for the Greater Manchester Archaeological Advisory Service (GMAAS) and comprises a 250m study area off-set from the PDA. This study area is depicted by a dark blue outline on Figure 1 and subsequent figures.

3.3 Information Sources

The following sources of information were consulted to inform this assessment:

- ◆ The Greater Manchester Historic Environment Record (HER), maintained by Greater Manchester Archaeological Advisory Service (GMAAS) for information regarding heritage assets, details of previous fieldwork, and Historic Landscape Characterisation (HLC) mapping.
- ◆ The National Heritage List for England (NHLE) maintained by Historic England for information regarding designated assets.
- ◆ The Manchester Central Library for historic maps, plans and other documents relevant to the study area.
- ◆ Groundsure Historic Mapping Report for historic Ordnance Survey maps.
- ◆ The British Geological Survey onshore digital maps at 1:50 000 scale (DiGMapGB-50 – WMS).
- ◆ Cranfield University's *Soilscapes* free interactive online viewer for a simplified version of the 1:250,000 scale Digital National Soil Map for England and Wales.
- ◆ Google Earth and Bing online historical satellite imagery.

- ◆ Various other relevant books, journals and publications identified during the course of the assessment, details of which can be found in the references section of the report.
- ◆ A site walkover to Historic England (2017) Level 1 standard was undertaken in clear conditions in March 2021.

4 BASELINE ASSESSMENT

4.1 Archaeological and Historical Background

In the discussion that follows, where sites recorded on the Manchester HER are described, the relevant HER preferred reference number is provided in parenthesis. Any designated assets are referred to by their unique NHLE number, and any other sites identified as part of this assessment are referenced by their unique ARS numbers. All of these identification numbers can be found in the tables in sections 4.2 and 4.3 below, or in the Appendices at the end of the report.

4.1.1 Early Prehistoric (-1,000,000 to 43 AD)

Evidence for prehistoric settlement in the Manchester region is scarce. There are small Mesolithic campsites in the Pennines to the north of Manchester, though Mesolithic remains closer to the city are rare (Nevell 2008, 11). Neolithic and Early Bronze Age remains within the Manchester region are restricted to isolated finds of worked stone tools, the majority being residual in later contexts. To the south of the city, a Neolithic farmstead was uncovered at Oversley Farm (now part of Manchester Airport), with evidence of occupation continuing on the site through to the Late Bronze Age (Nevell 2008, 15). Finds of Iron Age date, including quern stones and metal finds, have also been identified as isolated findspots. Within the city centre, there is little evidence of prehistoric activity as a whole, although whether this is the result of poor preservation due to the intensive later developments and redevelopments of the city or a reflection of a genuine settlement pattern is difficult to ascertain. The evidence that has been recovered has generally been centred around the location of the later Roman fort (in Castlefield) and around the cathedral and Hanging Ditch (Nevell 2008, 12). No remains of prehistoric date are recorded by the Greater Manchester HER within the wider 250m study area.

4.1.2 Romano-British (43 to 410 AD)

The first Roman military occupation of Manchester was established during the governorship of Agricola in the AD70s, with a fort, known as *Mamucium*, founded in the area now known as Castlefield (Miller 2016). The original fort was a square, timber and turf structure, replaced in the late 2nd century by a slightly larger, rectangular timber fort, and finally rebuilt in stone in the first half of the 3rd century. A civilian settlement or *vicus* developed around the fort, though the full extent of it is unknown, with the proposed limits of the *vicus* possibly being c. 100m to the west of the PDA (HER 415.2.0). Several excavations around the Castlefield area have produced evidence of domestic and industrial buildings as well as a shrine, with occupation beginning soon after the building of the original fort and continuing throughout its life. The *vicus* seems to have declined by the middle of the 3rd century although the evidence for these later phases of the fort and *vicus* are not clear since later activity has truncated the remains, although the presence of later coins suggests that the fort probably remained in use until the Roman Army's withdrawal from Britain (Nevell 2008, 21-31). A number of these coin hoards have been recorded within the study area at Deansgate Railway Station, c.230m southwest, and at Deansgate Public House, c.220m west of the PDA. While a statuette and coin were also discovered at New Goods Station, c.235m northwest of the site boundary.

Further evidence of Romano-British activity is recorded within the study area, with an urn and three Samian Ware dishes and bowl preserved in the river deposits of the former course of the River Tib, c.85m to the south, and an amphora neck c.75m southwest of the PDA (HER 415.4.28). During the archaeological investigations at Beetham Tower, c.220m west of the site boundary, a pit, timber

framed house and section of road were discovered relating to the *vicus* of the Roman fort (HER 13938.1.0). A further section of metalled road was recorded to the south of Central Station (HER 415.6.0). This was constructed from layers of stiff clay, covered with burnt bricks and small stones, beneath a course of boulders topped with a layer gravel and clay. This section of Roman road is believed to be the Manchester (*Mamucium*) to Buxton (*Aquae Arnemetiae*) road and is projected to run west to east, c.40m to the south of the PDA (HER 28.1.3). A further Roman road running north to south is recorded c.240m to the west of the site boundary and is believed to be between Manchester (*Mamucium*) and Ribchester (*Bremetennacum*) (HER 14.1.0).

4.1.3 Medieval (410 to 1540)

Following the Roman Army's withdrawal, evidence is again lacking for settlement activity. Archaeological remains in the Castlefield area show that the Roman fort area was abandoned from the end of Roman occupation until the early industrial period. It is possible that there were four sunken floored buildings adjacent to the fort, post-dating the Roman period; however, the interpretation of them is unclear (Morris 1983, 6). There is limited evidence of Saxon settlement elsewhere in Manchester, mainly in the form of isolated pottery and coins in the Cathedral area around the junction of the rivers Irk and Irwell (Nevell 2008, 36). In 919, there is a reference that King Edward the Elder sent an army to occupy Manchester, Manchester being located on the border between Anglo-Saxon Mercia and Viking Northumbria, suggesting that there was some form of settlement here at this time (Nevell 2008, 35).

The present site lay beyond the extent of medieval Manchester, which was centred around the Parish Church (now the cathedral) and Manchester Castle (probably beneath what is now Cheetham's School of Music) (Morris 1983, 15). The medieval city comprised a number of burgage plots along Hanging Gate, Withy Grove, Fennel Street, Millgate, The Shambles, Market Street, and Deansgate (Nevell 2008, 48), with Hanging Ditch, and two other ditches within the area, likely medieval in origin. A small park, Aldport (*Alde Parc*), is recorded c.200m that was used by the tenants of Manchester for pannage and contained an eyrie of hawks and eagles (HER 112.1.0). It is suggested that Aldport may refer to the Medieval replacement for the Romano-British *vicus*.

During the time of the 1086 Domesday Survey, Manchester lay within the Hundred of Salford which included all the land between the river Ribble and the Mersey, which had been granted to Roger de Poitu after the Conquest. In 1222, Manchester was granted an annual fair and in 1301, Thomas Grelley (one of the largest landowners within Manchester) was granted the Great Charter of Manchester by Edward I and thus it became a free borough (Hartwell et al 2004). No early medieval or medieval remains are recorded within 250 study area, and it is likely that this area of the PDA remained largely undeveloped until at least the 18th century.

4.1.4 Post-Medieval to Modern (1540 to the present day)

By the end of the 16th century, Manchester was established as an important centre for the manufacture and trade of textiles with the town still centred around the medieval core of St Mary's Collegiate Church and Cheetham's School. The first planned expansion outside of this traditional centre was St. Ann's Church and Square in the early 18th century, with new buildings soon after developing between the old town at St. Ann's (Hartwell 2001). From the late 18th century to the beginning of the 19th century, the number of mills doubled and continued to increase, as did the local population (Trow 2018).

A historical map regression of the PDA has identified that on Green's 1794 *Plan of Manchester and Salford* that the PDA was originally vacant land, though the map suggests that some town planning extended into this area, with the outline of a new street grid laid out over the top of the PDA. The nearest developed areas were to the northwest, around Alport Town, and possible industrial activity to the south at Gaythorn, where larger structures are depicted.

In 1794, an Act of Parliament was obtained, creating the Rochdale Canal Company, thus authorising the construction of the Rochdale Canal between 1804-7 that runs c.35m to the south of the PDA (HER 1386.2.0; Hartwell 2001, 218). The Rochdale Canal linked the Bridgewater Canal in Manchester to the Calder and Hebble Canal in Yorkshire, thus creating a complete transport link between Hull and Liverpool. By 1800, the Ashton Canal and Rochdale Canals were linked together (HER 11312.1.0), with this link allowing traffic to connect from the Ashton Canal through to the Bridgewater Canal at Castlefield. A number of mills and factories developed along the canal, which facilitated the supply of coal and raw materials to the mills and the transport of the finished produce (Pennine Waterways, 2019). The routes of both canal systems are depicted for the first time on Swire's 1824 *Plan of Manchester and its Environs*.

The creation of the Rochdale Canal facilitated a rapid industrial expansion within Manchester in this time period, including commercial and related residential development (eg. new dwellings, shops and public houses). The Britons' Protection Public House is a Grade II listed building which divides the PDA into Areas A and B (NHLE 1292050). By 1832, Area B of the PDA was still largely undeveloped, with Banks & Co.'s *Plan of Manchester & Salford, with their environs* depicting the Britons' Protection Public House abutted by two possible thin structures either side of it, within the site boundaries, and a further small structure to the south of 52 Great Bridgewater Street (ARS1). The function of these buildings is unknown. To the south of Area A, along the northern side of Trumpet Street, for the first time, four buildings are depicted that appear to be terraced housing with backyards, possibly two of which lie within Area A of the PDA (ARS2). In the surrounding area, there has been an expansion of development, probably due to the completion of the Rochdale Canal, with Goughs Cotton Mill (Albion Mill) constructed on the southern side of Trumpet Street, opposite the terraced housing, Littlewoods Mill (HER 15833.1.0) and a Foundry on the opposite side of Albion Street to the site boundary and Pictons Cotton Mill (HER 13931.1.0), on the northern side of Great Bridgewater Street.

Adshead's 1850-1851 *Maps of the Township of Manchester* and 1851 OS plan represents Area B as a Coal Yard (ARS4), for the first time, with the four structures rendered as Warehouses and places of Business on Adshead's map. This illustrates that Area B could have acted as a coal depot providing resources to the surrounding industrial activity and housing. In 1850, Slaters Trade Directory records that William Dickinson - Shopkeeper and Thomas Worthington - Manufacturer occupied 52 Great Bridgewater Street, suggesting manufacturing and trade was taking place (Appendix I). While the 1851 OS plan and Census for Trumpet Street highlights that the number of terraced houses has increased to 6, in the row, and were inhabited by the families who practiced a trade or worked in mills (Appendix II). These people were more than likely employed in one of the many mills depicted on historical mapping surrounding Trumpet Street.

In 1891, the number of dwellings depicted decreases back to 4 in the row, the Census record for 1881 similarly supports the reduction in dwellings (see Appendix II). 63 and 65 Trumpet Street are no longer recorded, suggesting that these two houses are the two houses demolished by 1891 for the development of the area to the east of the PDA, annotated as a Timber yard on the 1851 OS plan (Appendix IX). This could possibly indicate, through a process of elimination, and that the two terraced houses present within Area A of the PDA are possibly 59 and 61 Trumpet Street. While the occupations of the people, who lived in these houses appears to have increased with a high proportion of people employed in the textile industry.

Further redevelopment is recorded on the 1891 OS Plan *County Series Town Plan* shows that the Coal Yard in Area B has been developed into six commercial units representing 1-11 Albion Street (ARS3). This coincides with the construction of Manchester Central Railway Station possibly suggesting a change of demographic in the surrounding area with an increase in passing trade. Slaters Trade Directories records that these premises had a retail and confectionary function with food vendors, tobacconists, clothes manufacturers and a coffee tavern occupying the retail units possibly illustrating a change in consumer demand in the local area (Appendix I). This building is recorded on the Goad

1928 Fire Insurance plan which further illustrates the different internal subdivisions of the building recorded (Appendix IX).

All the buildings, with in the PDA, remain the same until 1922 where the dwellings along Trumpet Street are no longer depicted on the OS plan. Between 1951-1955, the vacant area where the terraced houses had been, behind 52 Great Bridgewater Street, a short-lived structure is depicted on the OS plan of unknown function and is no longer illustrated by 1980-1985. The remaining buildings, consisting of 1-11 Albion Street and 52 Great Bridgewater Street continue as a mix of retail and hospitality outlets, being depicted on historical mapping until between 1990-1995 indicating that they were demolished in 1990s.

4.2 Designated Assets

Assessment of the potential impacts to designated heritage assets are to be dealt with elsewhere and does not form part of this assessment, but the location of these within the study area have been included for completeness.

On-Site

The NHLE does not record any designated heritage assets within the PDA boundaries.

Study Area

The NHLE records sixteen designated heritage assets within the wider 250m study area comprising, thirteen (Grade II*) Listed Buildings and three Conservation Areas. The majority of which relate to the Rochdale Canal, the local railway system and public houses in the surrounding Castlefield and Deansgate Conservation areas. These are listed in Tables 1 and 2 and Appendix IV below. The location of these designated assets are depicted in, purple (Grade II* Listed Buildings), and blue, green and pink (Conservation Areas), on Figure 2.

4.3 Non-Designated/Other Heritage Assets

4.3.1 Archaeological Remains

On-Site

The Greater Manchester HER does not record any non-designated archaeological remains or findspots within the PDAs. However, during the historic map regression, a number of former features were identified as having once been present within the site boundaries. These include a series of former 19th-20th century commercial and residential structures. Further details of these identified features are provided in Table 1 below and their locations are depicted on Figure 6.

Table 1: Features identified from historic mapping

Site Boundary	Project ID	Description
A	ARS1	52 Great Bridgewater Street (site of) rectangular mixed commercial and residential premises with outbuildings depicted from 1851 to 1990s
	ARS2	55-65 Trumpet Street (site of) 4 to 6 residential terraced dwellings which are depicted on historical mapping from 1832 to 1922
B	ARS3	1-11 Albion Street (site of) commercial premises depicted on historical mapping from 1891 to 1990s
	ARS4	Coal Yard (site of) previous use of Area B, before the construction of 1-11 Albion Street

Study Area

The Greater Manchester HER records 45 known archaeological sites and/or findspots within the wider 250m study area. These are mainly Romano-British or Industrial in period, with Romano-British coins and pottery found within or close to the proposed limits of Castlefield vicus and Roman roads and the

sites of industrial mills and activity along the Rochdale canal. Further details are listed in the gazetteer in Appendix III below and they are depicted in orange for Romano-British period remains and green for Post-medieval to Industrial period remains on Figure 3.

4.3.2 Historic Built Environment

On-Site

The Greater Manchester HER records no non-designated assets of the historic built environment within the PDA boundaries.

Study Area

The Greater Manchester HER records three non-designated assets of the historic built environment within the wider 250m study area. These non-designated assets are listed in Table 3 below and are depicted in grey on Figure 2. Further details are provided in the gazetteers in Appendix II.

4.3.3 Historic Landscape

On-Site

The site is split between two HLC units, Area A 'Commercial – Hotel, Great Bridgewater Street' (HGM11863) units' (HGM11867) unit and Area B 'Commercial– The Britons Protection Public House'. These are tabulated in Table 4 below and illustrated on Figure 4.

Table 2: HLC types Located within the site boundaries

HLC ID	HLC broad type	HLC primary type
HGM11863	Commercial	Hotel, Great Bridgewater Street, Manchester. Post 1999 hotel (1, 2). Probably offices.
HGM11867	Commercial	The Britons Protection Public House, Great Bridgewater Street and Albion Wharf, Albion Street. Late 19th century Gothic style warehouse and the early 19th century Britons Protection Public House (1, 2). The 19th century warehouse dominates. Now converted into show rooms (1).

Study Area

A further 38 HLC units, have been mapped within the wider 250m study area, which represent a mixture of residential, industrial and commercial areas of hospitality and business. Further details of these HLC units can be found in the gazetteer in Appendix V and are illustrated on Figure 4.

4.4 Previous Investigations

4.4.1 Archaeological Events

The Greater Manchester HER records a total of sixteen archaeological investigations as having been undertaken within the wider 250m study area. Further details of all the archaeological events can be found in the gazetteer in Appendix VI and their locations illustrated on Figure 5.

Within the PDA itself no archaeological events are recorded by Greater Manchester HER. However, a number of events have been recorded in close proximity to the site boundary. At the Concert Hall Site, to the immediate northeast of the PDA, brick walls, culverts and a ditch feature were recorded during an evaluation and watching brief conducted in 1992 and 1993 (HER EGM1898 & EGM2446). The reports state that these features were discovered at a depth c.1.5m, yet two thirds of the site had been heavily truncated by 19th century development. Similarly, the DBA for Land adjacent to Albion Street (HER EGM3809), c.60m to the southwest, states that geotechnical investigations undertaken recorded that, over four boreholes, made ground composed of demolition rubble was discovered to a depth of between c.1.5m and c.2.85m, below the present ground level, before natural deposits were encountered. These reports suggest that the area within the PDA has the potential to be disturbed and truncated by 19th century activity.

A watching brief at Little Peter Street/Albion Street Redevelopment Area, c.150m to the south, recorded mill and works foundations, from the 19th century, which had been built on top of cellar walls of earlier residential dwellings (HER EGM3383). Further subterranean tunnel arches, parallel to Albion Street, were recorded that plausibly were used for supplies coming to the 19th century Mill. Further terraced housing and industrial activity was identified in the Pillo Hotel DBA and Central Spine DBA from historical map regressions (HER EGM3916 & EGM3653).

5 ASSESSMENT OF THE SIGNIFICANCE OF AFFECTED HERITAGE ASSETS

This assessment has identified that Greater Manchester HER does not record any heritage assets within the boundary of the site. However, the historical map regression has identified that the PDA during the 19th-20th century was the location of commercial activity and residential dwellings. It should be noted that the significance of any below-ground remains cannot be understood without field evaluation. The following assessment is limited to describing the potential for archaeological assets within the site boundaries.

The 19th century development of Area A of the PDA comprised both a commercial unit and residential dwellings. 52 Great Bridgewater Street was a mixed commercial outlet and residency (ARS1). The Trade directories suggest that the unit originally functioned as a merchants and was later used as a coffee room (Appendix I). To the south of Area A, terraced housing, backyards and privies, faced on to Trumpet Street, possibly represent 55-65 Trumpet Street, later 55-61 Trumpet Street (ARS2). The Census Records from 1851 to 1901 (Appendix II) indicate that occupants of these dwellings came from a diverse working-class background. It is considered that any 19th century housing remains surviving below ground, relating to their material culture, would be of local significance, as they would possess some *illustrative historical* and *evidential value*, therefore possessing archaeological interest providing a deeper understanding of how the urban working-class lived during this *period*. Further, any below ground remains relating to the 19th century terraced housing, backyards and privies as a *group*, might be of *local rarity value* and would be of *archaeological* and *historical evidential value* of *local* and *regional significance* in comparing similar or earlier examples of workers' housing and the functionality of their backyards (Nevell, 2021).

The overall historical development of commercial units, within Area B of the PDA, representing 1-11 Albion Street (ARS3) can be traced through consulting Slaters Trade Directories and a historical map regression from 1891-1990 (Appendix I and IX). However, any below ground remains relating to these mercantile units would be of *historical evidential value* of *local* and *regional* significance due to their *rarity* and could be informative in how the spaces were functionally used and aid in understanding consumer demand and character of development of retail/commercial outlets from this time *period*. As noted in section 4.4.1 above, there is a high likelihood that the 19th century development of the PDA has potentially truncated or disturbed any earlier archaeological deposits. However, there is no known documentation for the presence or absence of cellarage relating to the 19th century development within the PDA. If present, cellars relating to the commercial units and residential dwellings would be of *evidential* and *historical illustrative value* of *local* and *regional significance* as they would provide vital information of the function and use of these spaces.

Prior to the 19th century development of the 1-11 Albion Street (ARS3) in Area B of the PDA, this area was depicted on Adshead's 1851 *Maps of the Township of Manchester* as a Coal Yard (ARS4). If the later commercial units had no cellars or below ground features which would have disturbed or truncated this earlier activity, there is potential that any remains relating to this would be of evidential and *historic value* and *locally* and *regionally significant*. As these would be *illustrative* how the Area B of the PDA transitioned from an industrial coal yard into an area of mercantile activity in this time *period*.

The *Original North West England Regional Research Framework* states that the archaeology of the Industrial period *'is dominated by the theme of industry, its growth and its impacts'* (Newman et al, 2006-2007). This narrow focus on technological development needs to be augmented with a social dimension, with research on *'shopping and its impact on town planning, and the growth of social housing ripe for archaeological examination'* (Newman et al, 2006-2007). The experience of urban life is insufficiently documented and no longer recoverable through oral testimony, therefore archaeological research can play a pivotal role in understanding the lives of *'children, servants, domestic-based workers, and the urban working class in general'* (Newman et al, 2006-2007).

The PDA's were once located on the periphery of Romano-British activity within Manchester, with the Castlefield *vicus* limit located c.100m to the west, and the projected route of the Manchester (*Mamucium*) to Buxton (*Aquae Arnemetiae*) Roman road c.40m to the south. Due to the proximity of potential Romano-British activity and material culture recorded to the PDA's, it is considered that there is the low potential for Romano-British remains to survive within the PDA boundaries, especially within those areas that may have been less developed or did not possess any cellarge. Should such remains survive below-ground, it is considered that they would be of both *local* and *regional significance*, as they would possess *illustrative historical* and *evidential values*, in addition to high *archaeological interest*, due to their *period, survival*, and *rarity*. Any such roadside features relating to the route of the Manchester to Buxton Roman road (such as settlement and funerary activity) or indeed the nearby Castlefield *vicus* would aid in understanding the extent and phasing of development, occupation and abandonment of the *vicus* during the Romano-British period as there still many *'unanswered questions over the decline of the vicus'* (Newman et al, 2006-2007).

6 ASSESSMENT OF POTENTIAL IMPACTS

The proposed development would see the construction two apartment blocks consisting of a range of 1-2 bed apartment with a basement level in the western section of the PDA. The potential direct physical impact to any heritage assets during the demolition and construction phases include the following.

- ◆ Removal or truncation of heritage assets during ground works, site clearance and construction (e.g. removal of hardstanding).
- ◆ Damage to buried archaeological remains because of piling and excavation of foundation trenches.
- ◆ Other groundworks associated with the construction of the proposed development which have the potential to damage or destroy below-ground features or deposits of cultural heritage value, should they be present.

At present the site comprises a levelled tarmac and aggregate car park that appears to have not been redeveloped since the demolition of the 19th century buildings during the 1990s. It is unknown what level of site clearance was carried out during the late 20th century when the site was cleared prior to their present use as car parks. It is likely therefore that if the site was levelled, and the car park built across the site, on top of the levelled area, and that *in situ* below ground foundations or cellarge could still be present with the PDA. This would indicate that there is considered to be *moderate potential* for archaeological remains of *evidential value* and *local* and *regional significance* due to their *rarity* and *survival to be found on the site*.

Although the 19th century buildings have been previously demolished, any below modern ground level clearance requiring the removal of the carpark fabrication would have a direct impact on any 19th century below ground features such as foundations and or cellarge. Furthermore, any intrusive below groundworks for piling or reduction of levels for the accommodation of a basement level for cycle and refuse storage, would therefore have a direct impact on any 19th century or earlier features if present.

7 RECOMMENDATIONS

It is recommended that an archaeological evaluation should be undertaken consisting of two box trenches, one within each section of the PDA. This investigation would ascertain the presence or absence of below ground features such as foundations and cellars relating to the 19th century development within the PDA, and furthermore would evaluate the level of disturbance/truncation or preservation of earlier below ground archaeological assets.

8 STATEMENTS AND ACKNOWLEDGEMENTS

8.1 Archive Deposition

One digital PDF/A copy of the final report will be deposited with the Greater Manchester HER.

A PDF copy of the report will also be uploaded as part of the OASIS online record (<http://ads.ahds.ac.uk/project/oasis/>).

8.2 Publicity, Confidentiality and Copyright

Any publicity will be handled by the client. Archaeological Research Services Ltd will retain the copyright of all documentary and photographic material under the Copyright, Designs and Patent Act (1988).

8.3 Statement of Indemnity

All statements and opinions contained within this report arising from the works undertaken are offered in good faith and compiled according to professional standards. No responsibility can be accepted by the author/s of the report for any errors of fact or opinion resulting from data supplied by any third party, or for loss or other consequence arising from decisions or actions made upon the basis of facts or opinions expressed in any such report(s), howsoever such facts and opinions may have been derived.

8.4 Acknowledgements

Archaeological Research Services Ltd would like to thank [INSERT NAME] of [INSERT CLIENT] for commissioning this work, and Lesley Dunkley for the provision of Greater Manchester HER data; Manchester Central Library for permission to reproduce images of documents held in its collection.

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1893. *County Series*. 1:2,500 scale.

1891-1896. *County Series*. 1:10,560 scale.

1905-1906. *County Series*. 1:10,560 scale.

1908. *County Series*. 1:2,500 scale.

1922. *County Series*. 1:2,500 scale.

1923. *County Series*. 1:10,560 scale.

1928. *Goad Fire Insurance plan*

1931-1934. *County Series*. 1:10,560 scale.

1932. *County Series*. 1:2,500 scale.

1938. *County Series*. 1:10,560 scale.

1949. *National Grid*. 1:2,500 scale.

1948-1953. *National Grid*. 1:1,250 scale.

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APPENDIX I TRADE DIRECTORIES

Albion Street

No	Street Name	Trade Directory Year	Occupier	Trade
1	Albion Street	1877-8 Slaters	William Deakin	Tobacconist
		1883 Slaters	William Deakin	Tobacconist
		1886 Slaters	William Priestley	Tobacconist
		1895 Slaters	William Priestley	Tobacconist
		1909 Slaters	J. H. Finlay & Co. Ltd	Tobacconist
		1911 Slaters	J. H. Finlay & Co. Ltd	Tobacconist
1a	Albion Street	1883 Slaters	No entry	
		1895 Slaters	Gaythorn Rubber Co.	
		1895 Slaters	Thomas Wilkinson	Cap manufacturer
		1909 Slaters	Arthur Davies & Co.	Mantle & costume manufacturers
		1911 Slaters	Phoenix Manufacturing Co. Ltd	Blouse manufacturers
3	Albion Street	1877-8 Slaters	Commercial Looking Glass Co.	Carvers and gilders
		1877-8 Slaters	Thomas Rowley & Co.	Indiarubber manufacturers
		1883 Slaters	George F. Gent	Watchmaker
		1886 Slaters	George McCall	Watchmaker
		1895 Slaters	George McCall	Watchmaker
		1909 Slaters	no entry	
		1911 Slaters	William Green	Hairdresser
3a	Albion Street	1883 Slaters	Charles O'Neill	Sign writer
5	Albion Street	1877-8 Slaters	No entry	
		1883 Slaters	James Manchester	Fruiterer
		1883 Slaters	George Lane	Tripe dresser
		1886 Slaters	James Manchester	Fruiterer
		1886 Slaters	William McLachlan	Confectioner
		1895 Slaters	John Marshall	Tripe dresser
		1895 Slaters	Richard Dewhurst	Boot maker
		1909 Slaters	John Stott	Glass & sign writer
		1911 Slaters	John Stott	Glass & sign writer
7	Albion Street	1877-8 Slaters	Joseph Pollitt	Watchmaker
		1883 Slaters	Duke of Connaught Coffee Tavern	
		1886 Slaters	Manchester & Salford Coffee Tavern Co. Ltd	
		1895 Slaters	Manchester Coffee Tavern Co.	
		1909 Slaters	No entry	
		1911 Slaters	No entry	
9	Albion Street	1877-8 Slaters	Frederick J. Brown	Wire worker
		1883 Slaters	Duke of Connaught Coffee Tavern	
		1886 Slaters	Manchester & Salford Coffee Tavern Co. Ltd	
		1895 Slaters	Manchester Coffee Tavern Co.	
		1909 Slaters	Tom Brownhill	Confectioner
		1911 Slaters	Tom Brownhill	Confectioner

No	Street Name	Trade Directory Year	Occupier	Trade
11	Albion Street	1877-8 Slaters	James McRitchie	Central Station Refreshment Rooms
		1883 Slaters	Thomas Booth	Beer retailer
		1886 Slaters	John H Williamson	Beer retailer
		1895 Slaters	John Pearson	Beer retailer
		1909 Slaters	Frederick Sample	Beer retailer
		1911 Slaters	Frederick William Milburn	Confectioner

Great Bridgewater Street

No	Street Name	Trade Directory Year	Occupier	Trade
46/50	Great Bridgewater Street	1850 Slaters	John Stanley	Britons' Protection Inn
		1850 Slaters	George Sutherland	Whitesmith
		1853 Wheelan & Co	John Stanley	Britons' Protection Inn
		1877-8 Slaters	Thomas Bateman	Britons' Protection Inn
		1883 Slaters	John Chapman	Britons' Protection Inn
		1886 Slaters	John Chapman	Britons' Protection Inn
		1895 Slaters	William Daly	Britons' Protection Inn
		1909 Slaters	Andrew H Hoggarth	Britons' Protection Inn
		1911 Slaters	Andrew H Hoggarth	Britons' Protection Inn
50a	Great Bridgewater Street	1909 Slaters	Alcock Brothers	Engineers & blacksmiths
		1911 Slaters	Alcock Brothers	Engineers & blacksmiths
48/52	Great Bridgewater Street	1850 Slaters	William Dickinson	Shopkeeper
		1850 Slaters	Thomas Worthington	Manufacturer
		1853 Wheelan & Co	George Sutherland	Whitesmith
		1853 Wheelan & Co	William Dickinson	Shopkeeper
		1877-8 Slaters	Joseph Hindle	Coffee rooms
		1883 Slaters	George Sutherland	Blacksmith
		1883 Slaters	Joseph Hindle	Coffee rooms
		1886 Slaters	George Sutherland	Blacksmith
		1886 Slaters	Joseph Hindle	Coffee rooms
		1895 Slaters	Richard Cundey	Coffee rooms
		1909 Slaters	Richard Cundey	Coffee rooms
		1911 Slaters	Richard Cundey	Coffee rooms
52a	Great Bridgewater Street	1877-8 Slaters	George Sutherland	Smith

APPENDIX II CENSUS

Great Bridgewater Street

1851 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	John Henry Stanley	Head	19	Inn Keeper	Manchester
	Mary A Stanley	Sister	23	-	Manchester
	Ann C Byers	Cousin	21	-	Middlesex, London
	Ann Stanley	Cousin	15	-	Manchester
	Jane Irving	Servant	21	-	Sheffield, Yorkshire
	Richard Trone	Servant	14	-	Manchester
48/52	William Dickinson	Head	77	-	Litchfield
	Mary Dickinson	Wife	65	-	Cheshire
	Sophia Dickinson	Daughter	29	-	Manchester
	Luter Burdex	Lodger	30	-	Oldham
	Jane Haird	Lodger	50	-	Cheshire
	Margret Hudson	Lodger	45	-	Cheshire

1861 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	John Henry Stanley	Head	30	Licensed Victualler	Manchester
	Ann E Stanley	Wife	31	-	Middlesex, London
	Emily Stanley	Cousin	18	Barmaid	Liverpool
	Mary A Huddlestone	Niece	13	Scholar	Liverpool
	Daniel Taylor	Visitor	10	-	Liverpool
	Mary Murphy	Servant	30	General servant	Ireland
48/52	James Mawdsley	Head	57	Tobacconist & Coffee House	Aughton, Lancashire
	Mary Mawdsley	Wife	54	-	Startforth, Yorkshire
	Maria Moore	Boarder	49	-	Ireland

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	John Henry Stanley	Head	30	Licensed Victualler	Manchester
	Ann E Stanley	Wife	31	-	Middlesex, London
	Emily Stanley	Cousin	18	Barmaid	Liverpool
	Mary A Huddlestone	Niece	13	Scholar	Liverpool
	Daniel Taylor	Visitor	10	-	Liverpool
	Mary Murphy	Servant	30	General servant	Ireland
	Lucy Moore	Lodger	18	-	Ireland
	David Walker	Boarder	25	-	Manchester
	Sarah Thomson	Boarder	20	-	Ireland

1871 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	Thomas Bateman	Head	34	Licensed Victualler	Manchester
	Jane Bateman	Wife	32	-	Stockport
	Thomas Bateman	Son	1	-	Manchester
	Sarah Cotter	Servant	12	-	Manchester
	Bessie Clare	Servant	27	-	Ireland
48/52	James Mawdsley	Head	67	Shopkeeper	Aughton, Lancashire
	Mary Mawdsley	Wife	64	-	Startforth, Yorkshire
	Lancelot Walker	Lodger	28	-	Carew, Cumberland
	Sarah Peacock	Lodger	36	-	Barnard Castle, Durham

1881 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	John Chapman	Head	48	Licensed Victualler	Denbighshire, Wales
	Elizabeth Chapman	Wife	46	-	Denbighshire, Wales
	James Tyrrell	Servant	25	Barman	Manchester
	John Jackson	Servant	18	Assistant Barman	Salford
	Amy Beaton	Servant	25	General Servant Domestic	Salford
52	Joseph Hindle	Head	58	Coffee Housekeeper	Preston Lancashire
	Sarah Hindle	Wife	61		Chorley, Lancashire
	Ann Statham	Daughter	24	Housekeeper	Manchester
	John Statham	Son in law	25	Carter	Manchester
	Ada Hindle	Granddaughter	5		Manchester
	James Clarke	Grandson	6		Manchester
	Sarah A Statham	Granddaughter	1		Manchester
	Thomas H Statham	Grandson	1		Manchester
	John Wilbert	Lodger	58	Glazier	Manchester
52 Veterinary Surgery	Harriet Booth	Head	67	Housekeeper Surgery	Stockport, Lancashire
	William Booth	Grandson	12	Scholar	Manchester

1891 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	William Daly	Head	36	Publican	Manchester
	Elizabeth Daly	Wife	38	-	Gaulsby, Lincolnshire
	Henry Daly	Son	2	-	Manchester
	Martha Wilding	Servant	23	General Servant	Salford
	John Marers	Servant	18	Barman	Manchester
	Elizabeth Garton	Servant	16	Nurse (Domestic Servant)	Scarborough
52	Sarah Hindle	Head	71	Coffee/Tavern Keeper	Adlington, Lancashire
	James Clarke	Grandson	17	Jr Clerk Boiler/Ironmonger	Manchester
	Ada Hindle	Granddaughter	15	Waitress Coffee Tavern	Manchester

1901 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
50 Britons' Protection	William Daly	Head	45	Publican	Manchester
	Elizabeth Daly	Wife	48	-	Gouliby, Lincolnshire
	Annie Shortal	Servant	29	Barmaid	South Storckton, Yorkshire
	Annie Mather	Servant	21	General Servant (Domestic)	Manchester
52	Richard Cundy	Head	59	Hydraulic Press Packer	Manchester
	Jane Cundy	Wife	56	Shop Keeper	Preston
	Stephen Silverwood	Nephew	29	Copper Stamp Maker	Manchester
	Ada Humphries	Servant	29	General Servant (Domestic)	Manchester

Albion Street

1881 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
1-11	Lock Up Shops Uninhabited				

1901 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
11	Thomas Knight	Head	51	Beer Retailer	Drayton, Norfolk
	Alice Knight	Wife	49	-	Little Lever, Lancashire
	Lilly J Knight	Daughter	24	-	Oswaldtwistle, Lancashire
	Arthur W Knight	Son	22	Barman	Darwen, Lancashire
	Thomas Y Knight	Son	21	Joiner	Darwen, Lancashire
	James A Knight	Son	19	Accountant	Pinsford, Somerset
	Ernest J Knight	Son	17	Machine Engineer	Pinsford, Somerset
	Percy Knight	Son	15	Plumber (Apprentice)	Bristol

Trumpet Street

1851 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	John Collins	Head	43	Weaver	Lancashire
	Ann Collins	Wife	37	-	Wigan, Lancashire
	Mary Collins	Daughter	13	Weaver	Manchester
	Edward Collins	Son	8	Scholar	Manchester
	Ann Collins	Daughter	4	-	Manchester
	Matilda Collins	Daughter	3	-	Manchester
	John Collins	Son	1	-	Manchester
57	John Crombleholme	Head	23	Mechanic	Manchester
	Sarah Crombleholme	Wife	21	-	Manchester
	Thomas Crombleholme	Son	1	-	Manchester
59	John Smith	Head	46	Labourer	Bolton, Lancashire
	Sarah Smith	Wife	42	-	Bolton, Lancashire
	Ellis Smith	Son	16	Apprentice	Manchester
	Mary A Smith	Daughter	9	-	Manchester
	William Smith	Son	7	-	Manchester
	Betsey Smith	Daughter	5	-	Manchester
	Jane Smith	Daughter	10/12	-	Manchester
	William Wright	Son-in-Law	24	Labourer	Gorton Lane
	Ellen Wright		23	Weaver	Bolton, Lancashire
61	Thomas Holland	Head	50	Fireman	Manchester
	Hannah Holland	Wife	49	-	Manchester
	Sarah Holland	Daughter	30	Warehouse Women	Manchester
	John Holland	Son	21	Labourer	Manchester
	Thomas Holland	Son	19	-	Manchester

	Frances Holland	Son	17	Weaver	Manchester
	Setitia Holland	Daughter	13	Winder	Manchester
	Samuel Holland	Son	-	-	Manchester
	James Holland	Son	7	-	Manchester
	Mary Holland	Daughter	5	-	Manchester
	William Holland	Son	1	-	Manchester
63	William Crombleholme	Head	43	Mechanic	Preston, Lancashire
	Elizabeth Crombleholme	Wife	41	-	Bolton, Lancashire
	William Crombleholme	Son	21	Boiler Maker	Manchester
	Mary A Crombleholme	Daughter	21	-	Manchester
	Lousia Crombleholme	Daughter	7/12	-	Manchester
65	Robert Tatton	Head	33	Clerk	Lane Gorton
	Mary A Tatton	Wife	28	-	Lane Gorton
	Elizabeth Wilkinson	Visitor	33	-	Lane Gorton

1861 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	Thomas Welsh	Head	39	Blacksmith	Wigan, Lancashire
	Mary Welsh	Wife	42	-	Wigan, Lancashire
	Elizabeth Welsh	Daughter	17	Silk Winder	Wigan, Lancashire
	Martha Welsh	Daughter	15	Silk Winder	Wigan, Lancashire
	Nancy Welsh	Daughter	13	Not Working	Wigan, Lancashire
	Mary Welsh	Daughter	10	-	Wigan, Lancashire
	Margaret Welsh	Daughter	8	-	Manchester
	Jane Welsh	Daughter	4	-	Manchester
57	Uninhabited				
59	John Smith	Head	54	Iron Melter	Turton, Lancashire

	Sarah Smith	Wife	50	-	Bolton, Lancashire
	Mary A Smith	Daughter	19	Power Loom Weaver	Manchester
	William Smith	Son	18	Idiot	Hulme, Lancashire
	Betsey Smith	Daughter	15	Cotton Winder	Manchester
	Jane Smith	Daughter	10	Scholar	Manchester
	Henry Smith	Son	8	Scholar	Manchester
61	Richard Partridge	Head	28	Blacksmith	Ireland
	Bridget Partridge	Wife	27	-	Ireland
	Mary Partridge	Daughter	3	-	Ireland
	Michael Partridge	Son	1	-	Ireland
	Ellen Honan	Aunt	70	-	Ireland
63	George Jackman	Head	58	Engine Driver	Longford, Middlesex
	Elizabeth Jackman	Wife	43	-	Peckham, Surrey
	Elizabeth A Jackman	Daughter	22	-	Manchester
	Thomas Jackman	Son	14	Scholar	Manchester
	Henry Jackman	Son	12	Scholar	Manchester
	Robert Jackman	Son	10	Scholar	Manchester
	John Jackman	Son	5	Scholar	Manchester
	Sarah Jane Jackman	Daughter	3	-	Manchester
	Mary Jackman	Daughter	8/12	-	Manchester
65	Mary Partridge	Head	56	Housekeeper	Ireland
	Pearse Partridge	Son	26	-	Ireland
	Stephen Partridge	Son	24	-	Ireland
	John Partridge	Sone	20	-	Ireland

1871 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	Peter Cattrell	Head	51	Labourer in Coal Yard	Manchester
	Mary Ann Cattrell	Wife	46	-	Manchester
	Maria Cattrell	Daughter	21	-	Manchester
	Mary Cattrell	Daughter	11	Scholar	Manchester
	William Cattrell	Son	9	Scholar	Manchester
	Ann Cattrell	Daughter	6	Scholar	Manchester
	Hannah Cattrell	Daughter	3	-	Manchester
	John R Smith	Nephew	11	Errand Boy	Manchester
57	James Lawless	Head	48	Glass Blower	Warrington, Lancashire
	Margaret Lawless	Wife	56	-	Warrington, Lancashire
59	Sarah Smith	Head	52	Shopkeeper	Bolton, Lancashire
	William Smith	Son	28	Idiot	Manchester
	Ellen Smith	Granddaughter	17	Cotton Doubler	Manchester
	Jane Moulds	Servant	21	General Servant	Manchester
	Sarah Edwards	Lodger	40	Cotton Spoiler	Manchester
61	Thomas Spencer	Head	45	Plumber	Manchester
63	John Boddington	Head	41	Unemployed	Birmingham
	Elizabeth Boddington	Wife	40	-	Birmingham
	Clara Boddington	Daughter	20	Cotton Baller	Birmingham
	William Boddington	Son	16	Book Binder	Liverpool
	John E Boddington	Son	6	-	Manchester
	Elizabeth Boddington	Daughter	2	-	Manchester
	Frederick Curry	Boarder	17	Mechanic (Apprentice)	Liverpool
65	Peter Higson	Head	38	Iron Turner	Flixton, Lancashire
	Elizabeth Higdon	Wife	35	-	Salford, Lancashire
	Elizabeth Ann Higson	Daughter	9	Scholar	Salford, Lancashire

	Jane Derbyshire	Mother-in-Law	56	-	Chatham, Kent
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1881 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	Peter Higson	Head	48	Turner Cotton Machinery	Mosley Common, Lancashire
	Elizabeth Higson	Wife	45	-	Salford, Lancashire
	Elizabeth A. Higson	Daughter	19	Cotton Reeler	Manchester
57	Thomas Marshall	Head	60	Stationery Engine Millwright	New Mills, Derbyshire
	Maria Potts	Housekeeper	46	General Domestic Servant	Manchester
59	George Wordsworth	Head	40	Warehouse Bale Packer	Manchester
61	Lawrence Duffy	Head	38	Labourer Gas Works	Ireland
	Catherine Duffy	Wife	30	-	Ireland
	Mary Duffy	Daughter	11	Scholar	Manchester
	Catherine Duffy	Daughter	9	Scholar	Manchester
	Lawrence Duffy	Son	5	-	Manchester

1891 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	John H Statham	Head	33	General Labourer	Manchester
	Minnie E Statham	Wife	21	-	Little Keywood, Staffordshire
	Thomas H Statham	Son	10	Scholar	Manchester
	Sarah Ann Statham	Daughter	11	Scholar	Manchester
57	John Platt	Head	49	-	Manchester
	Hannah Platt	Wife	40	-	Manchester
59	George Goodall	Head	39	Clerk	Lambeth, London

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	John H Statham	Head	33	General Labourer	Manchester
	Minnie E Statham	Wife	21	-	Little Keywood, Staffordshire
	Thomas H Statham	Son	10	Scholar	Manchester
	Sarah Ann Statham	Daughter	11	Scholar	Manchester
57	John Platt	Head	49	-	Manchester
	Hannah Platt	Wife	40	-	Manchester
	Sarah Goodall	Wife	35	-	Lower Crumpsall, Lancashire
	Frederick Catchpole	Stepson	10	Scholar	Manchester
	Hester Marshall	Lodger	24	Embosser	Manchester
61	Eliza A Croston	Head	36	Assistant	Dob Cross, Saddleworth
	John A Croston	Son	6	Scholar	Manchester
	Lillian Croston	Daughter	2	Scholar	Blackpool, Lancashire

1901 Census

House No.	Name	Relation to Head	Age	Profession or Occupation	Where born
55	John H Statham	Head	44	General Labourer	Manchester
	Minnie E Statham	Wife	31	-	Little Keywood, Staffordshire
	Thomas H Statham	Son	20	Timekeeper Clerk	Manchester
	Harriet E Statham	Daughter	8	-	Royton, Lancashire
	Florence M Statham	Daughter	6	-	Oldham, Lancashire
	Edith M Statham	Daughter	4	-	Manchester
	Beatrice Statham	Daughter	1	-	Manchester
57	Walter Marshall	Head	35	Railway Porter	Camberwall, Surrey
	Esther J Marshall	Wife	35	-	Manchester
	Thomas E Marshall	Son	4	-	Manchester
	Albert Marshall	Son	2/12	-	Manchester
	Edwin Bray	Lodger	37	-	Manchester
59	Uninhabited				
61	Emily Wilson	Head	37	Retired Lodging Housekeeper	Little Barrow, Cheshire
	Eliza Wilson	Daughter	17	-	Manchester
	Elizabeth Wilson	Daughter	8	-	Manchester
	Elizabeth Brooks	Visitor	19	-	Irlam, Lancashire

APPENDIX III GAZETTEER OF ARCHAEOLOGICAL REMAINS

HER Entries

HER ID	Description	Period
415.4.26	Roman Urn and Samian Ware	Roman
415.4.12	Coins (Roman)	Roman
415.6.0	Roman Road (section south of Central Station) (Area of Roman Manchester)	Roman
415.4.1	Coin Hoard (Roman) at Knott Mill [Deansgate] Railway Station (Area of Roman Manchester)	Roman
112.1.0	Alde-Parc (Aldport) (Area of Roman Manchester)	Roman
415.4.0	Roman Pit and Finds (Area of Roman Manchester)	Roman
13938.1.0	Beetham Tower Site (Area of Roman Manchester)	Roman
415.4.23	Coin Hoard (Roman) (Area of Roman Manchester)	Roman
415.4.15	Roman Finds along Railway Arches (Area of Roman Manchester)	Roman
415.4.6	Coins (Roman) at New Goods Station (Area of Roman Manchester)	Roman
415.4.16	Sal Ammoniac and Coin (Roman) (Area of Roman Manchester)	Roman
415.4.28	Roman Amphora Neck (Area of Roman Manchester)	Roman
28.1.3	Manchester to Buxton Roman Road (Manchester to Levenshulme section)	Roman
14.1.0	Manchester to Ribchester Roman Road (Area of Roman Manchester)	Roman
415.2.0	Castlefield Roman Vicus (site of) (Area of Roman Manchester)	Roman
2084.1.0	Concert Hall Site , Lower Mosley Street (1992 Watching Brief)	Post-Medieval-Industrial
2145.1.0	Havelock Mill (site of)	Post-Medieval-Industrial
2084.1.1	Concert Hall Site , Lower Mosley Street (Evaluation Trench 1)	Post-Medieval-Industrial
12406.1.0	Little Peter Street/Albion Street Redevelopment Area	Post-Medieval-Industrial
2084.1.3	Concert Hall Site , Lower Mosley Street (Evaluation Trench 3)	Post-Medieval-Industrial
9858.1.0	Windmill (site of) on Windmill Street	Post-Medieval-Industrial
15520.1.0	Chemical Works , Little Peter Street (site of)	Post-Medieval-Industrial
15503.1.0	Hood's Dye Works (site of)	Post-Medieval-Industrial
15517.1.0	Bone, Size & Chemical Works (site of)	Post-Medieval-Industrial
15506.1.0	Size Works (site of)	Post-Medieval-Industrial
15515.1.0	Gas Works , Albion Street (site of)	Post-Medieval-Industrial
13929.1.0	Ewatts Cotton Mill (site of)	Post-Medieval-Industrial
15831.1.0	Weighing Machine (site of)	Post-Medieval-Industrial
15504.1.0	Medlock Bridge Mill (site of)	Post-Medieval-Industrial
15513.1.0	Gaythorn Mill , Albion Street (site of)	Post-Medieval-Industrial
2084.1.2	Concert Hall Site , Lower Mosley Street (Evaluation Trench 2)	Post-Medieval-Industrial
15833.1.0	Industrial Building , Trafford Street (site of)	Post-Medieval-Industrial
9868.1.0	Spinning Mill (Cheethams, Gaythorn) (site of)	Post-Medieval-Industrial
15518.1.0	Gaythorn Chemical Works (site of)	Post-Medieval-Industrial
15505.1.0	Tannery (site of)	Post-Medieval-Industrial
13692.1.0	Print Works/Dye Works (site of)	Post-Medieval-Industrial
15832.1.0	Building , Trafford Street (site of)	Post-Medieval-Industrial
15990.1.0	Workers' Housing (site of) and later Warehouse Building , 1012 Whitworth Street West	Post-Medieval-Industrial
15519.1.0	Coppock's Buildings (site of)	Post-Medieval-Industrial
13932.1.0	Smiths Silk Mill (site of)	Post-Medieval-Industrial
129.1.1	Cheshire Lines Railway Goods Shed (site of) (Area of Roman Manchester)	Post-Medieval-Industrial

HER ID	Description	Period
13693.1.0	Dye Works/ Workers' Housing (site of)	Post-Medieval-Industrial
13931.1.0	Pictons Cotton Mill (site of)	Post-Medieval-Industrial
15514.1.0	Gaythorn Vaults Public House & Workers' Housing (site of)	Post-Medieval-Industrial
1386.2.0	Rochdale Canal	Post-Medieval-Industrial

APPENDIX IV GAZETTEER OF THE HISTORIC BUILT ENVIRONMENT

Listed Buildings

NHLE ID	HER ID	Description	Grade
1292050	8412.1.0	The Britons Protection Public House	II
1247596	12089.7.0	Rochdale Canal Lock Number 89 (Tib Lock) , on south side of Haverlock Mills	II
1279694	8268.1.0	13-17, Albion Street	II
1247482	12089.8.0	Rochdale Canal Lock Number 90 , approximately 30 metres west of Albion Bridge	II
1247483	12089.9.0	Rochdale Canal Lock Number 91 at east end of the Gaythorn Tunnel	II
1293058	8327.1.0	Peveril of the Peak Public House	II
1247597	8586.1.0	Rochdale Canal Lock Keepers Cottage at Lock Number 91 , next to Gaythorn Tunnel	II
1270514	129.1.0	Manchester Central (formerly G MEX; formerly Central Station) (Area of Roman Manchester)	II
1283067	8326.1.0	Chepstow House	II
	125.1.0	Manchester & Salford Junction Canal Tunnel [prev. recorded in HER as Deansgate Tunnel] (Area of Roman Manchester)	II
1200837	11681.1.0	Manchester South Junction and Altrincham Railway Viaduct	II
1376146	15574.1.0	Deansgate Station	II
1210103		235-291, Deansgate	II

Conservation Areas

HER ID	Description
DGM1604	Deansgate/Peter Street
DGM1479	St Peters Square
DGM1554	Castlefield

HER Entries

HER ID	Description
16940.1.0	Hotspur Press (Hotspur House) (former Medlock Mill)
9894.1.0	Crown Hotel (now The Deansgate) (Area of Roman Manchester)
1715.1.0	Manchester & Salford Junction Canal Tunnel section under Manchester Central

APPENDIX V GAZETTEER OF HLC UNITS

HLC ID	Broad Type	HLC Primary type	Details
HGM11487	Residential	High Rise Flats	Great Northern Tower, Watson Street, Manchester
HGM11485	Commercial	Business (General)	Manchester International Convention Centre and Seminar Centre
HGM11494	Commercial	Hotel Complex	Beetham Tower, Deansgate, Manchester
HGM11492	Commercial	Entertainment Site	AMC Cinema, Great Bridgewater Street, Manchester
HGM11298	Commercial	Commercial Core-Urban	Around the Junction of Portland Street, Whitworth Street and Oxford Street, Manchester
HGM11295	Commercial	Hotel Complex	Midland Hotel, Peter Street, Manchester
HGM11480	Communications	Car Park	Great Northern, Watson Street, Manchester
HGM11478	Commercial	Entertainment Site	G Mex, Windmill Street, Manchester
HGM11603	Commercial	Commercial Core-Urban	321 to 327 (odd) Deansgate and 1 to 3 (odd) Bridgewater Street, Manchester
HGM11601	Commercial	Distribution Centre	2 to 12 Whitworth Street, Manchester
HGM11610	Communications	Canal Lock	Deansgate Lock, Whitworth Street West, Manchester
HGM11607	Communications	Train Station	GMEX Station, Trafford Street, Manchester
HGM11562	Commercial	Commercial Core-Urban	232 to 326 (even) and 221 to 295 (odd) Deansgate, Manchester
HGM11499	Communications	Car Park	Car Park, Trafford Street, Manchester
HGM11599	Commercial	Business (General)	Around Little Peter Street and Commercial Street, Manchester
HGM11581	Communications	Car Park	Car Park, Little Peter Street, Manchester
HGM11844	Commercial	Offices	Barbirolli Square, Manchester
HGM11838	Residential	Conversions	Chepstow House, Chepstow Street, Manchester
HGM11854	Commercial	Offices	7 to 11 (odd) Bishopsgate, Manchester
HGM11848	Commercial	Offices	Oxford Court, Hall Street, Manchester
HGM11681	Commercial	Commercial Core-Urban	Around Peter Street, Bootle Row and Deansgate, Manchester
HGM11611	Communications	Train Station	Deans Gate Station, Manchester
HGM11836	Ornamental, Parkland and Recreational	Public Square/Green	Barbirolli Square, Great Bridgewater Street, Manchester
HGM11834	Commercial	Entertainment Site	The Bridgewater Hall, Great Bridgewater Street, Manchester
HGM12036	Commercial	Offices	Grand Island, Medlock Street, Manchester
HGM11869	Communications	Train Station	Oxford Road Station, Manchester
HGM11858	Commercial	Public House	Peveril of the Peak Public House, 127 Chepstow Street, Manchester
HGM11856	Communications	Car Park	Car Park, Chepstow Street South, Manchester

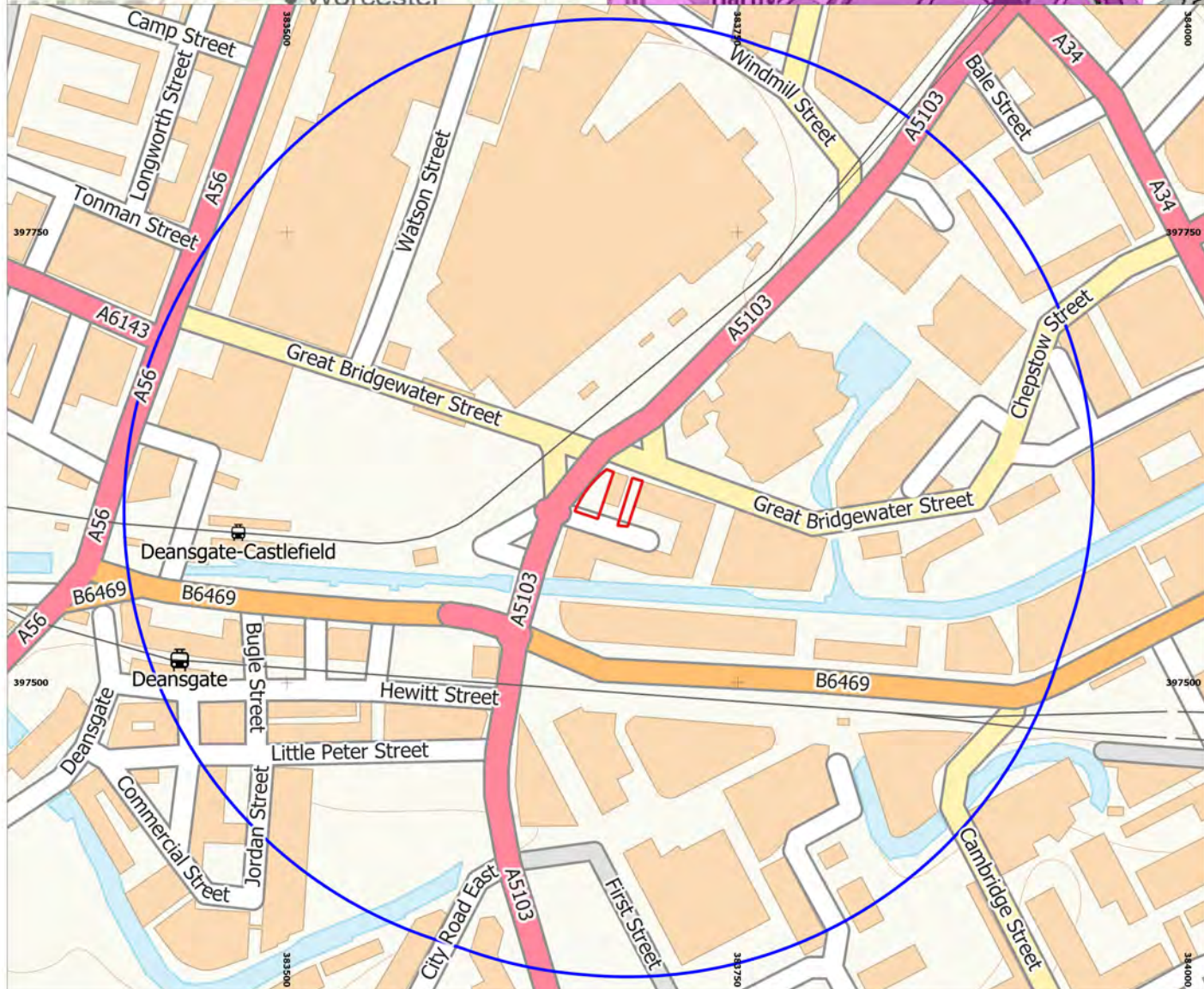
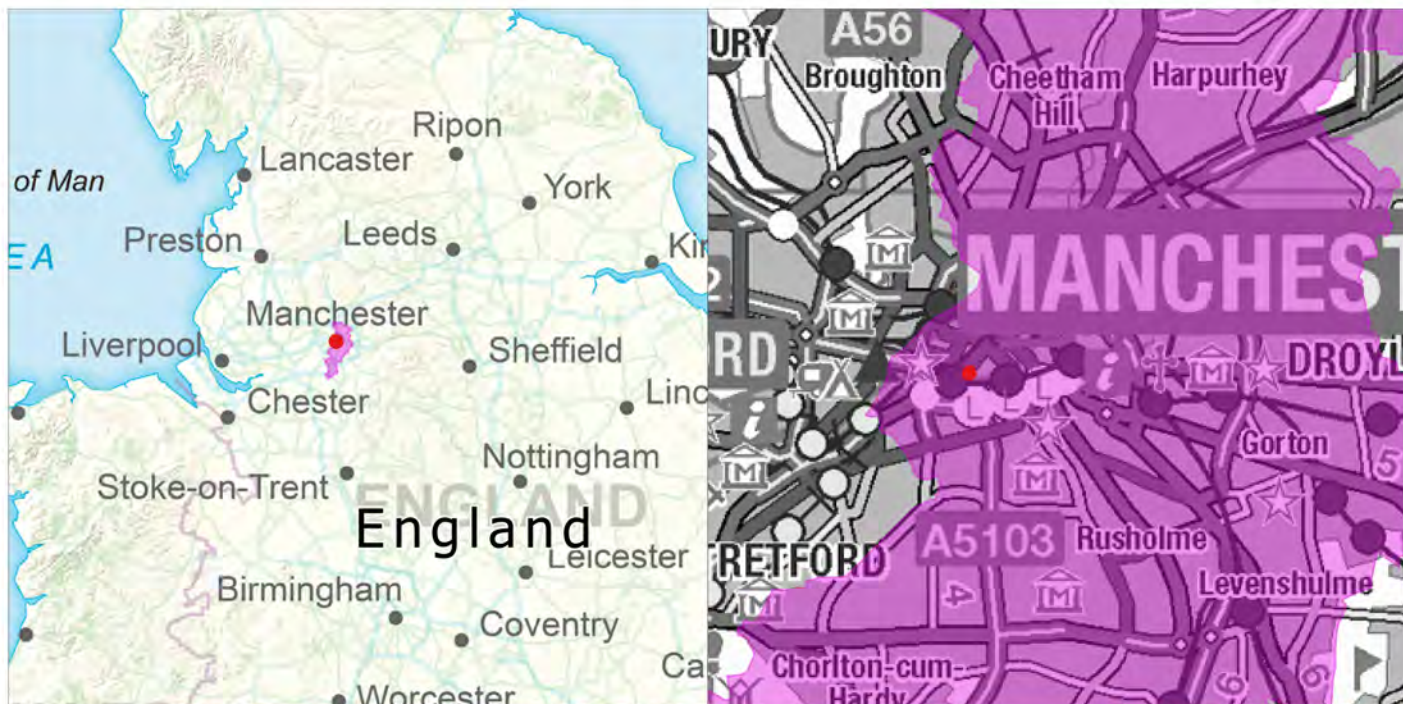
HLC ID	Broad Type	HLC Primary type	Details
HGM11861	Commercial	Offices	70 to 76 Great Bridgewater Street, Manchester
HGM11860	Commercial	Business (General)	80 to 88a (even) Great Bridgewater Street, Manchester
HGM12070	Commercial	Warehousing	37 and 37 Whitworth Street West, Manchester
HGM12065	Residential	High Rise Flats	The Lock Building, Whitworth Street West, Manchester
HGM12074	Residential	Conversions	Chorlton New Mill, At the junction of Cambridge Street and Hulme Street, Manchester
HGM12072	Industrial	Industrial Works (general)	Hotspur House, Gloucester Street, Manchester
HGM12047	Residential	Low Rise Flats	River Place, Manchester
HGM12044	Residential	Low Rise Flats	No 1 City Road, Manchester
HGM12063	Commercial	Commercial Core-Urban	21 to 35 Whitworth Street West, Manchester
HGM12053	Residential	High Rise Flats	The Hacienda, Whitworth Street West, Manchester
HGM12854	Communications	Canal	Rochdale Canal, Around Whitworth Street West, Manchester London Road Area
HGM12076	Industrial	Textile Mill	Macintosh Mill, Around the Junction of Cambridge Street and Hulme Street, Manchester
HGM12861	Communications	Railway Line	Railway Line, Whitworth Street West, Manchester Deansgate

APPENDIX VI GAZETTEER OF PREVIOUS ARCHAEOLOGICAL EVENTS

HER Event Entries

HER ID	NRHE ID	Description
EGM3314		Great Northern Railway Company 's Goods Warehouse , Deansgate, Manchester (2002)
EGM3383		Little Peter Street/Albion Street Redevelopment Area
EGM2393		Havelock Mills , Manchester
EGM3733		Beetham Tower Site , Deansgate, Manchester
EGM3228		Great Northern Railway Company 's Goods Warehouse , Deansgate, Manchester (1998)
EGM3809		Land Adjacent to Albion Street , Manchester
EGM2446		Concert Hall Site Evaluation
EGM3653		Central Spine - Media Zone, Manchester. An Archaeological Desk-Based Assessment
EGM4063		Desk Based Assessment for Land Adjacent to Chorlton New Mill , Cambridge Street, Manchester
EGM3770		Land at Jordan Street, Castlefields
EGM3374		Great Northern Warehouse Slot Site , Watson Street, Manchester
EGM4164		London Scottish House : An Archaeological Desk-Based Assessment
EGM3369		Great Northern Warehouse (1999)
EGM3916		Pillo Hotel , 10-12 Whitworth Street, Manchester
EGM4229		Northern Hub Piccadilly / Oxford Road
EGM1898		Concert Hall Site , Watching Brief

APPENDIX VII FIGURES



Site name: Apex Tower, Manchester
 Date: January 2022
 Drawn by: WR
 Scale: Varies

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Figure 1:
Site location

- Site Boundary
- Manchester City Council
- 250m Buffer



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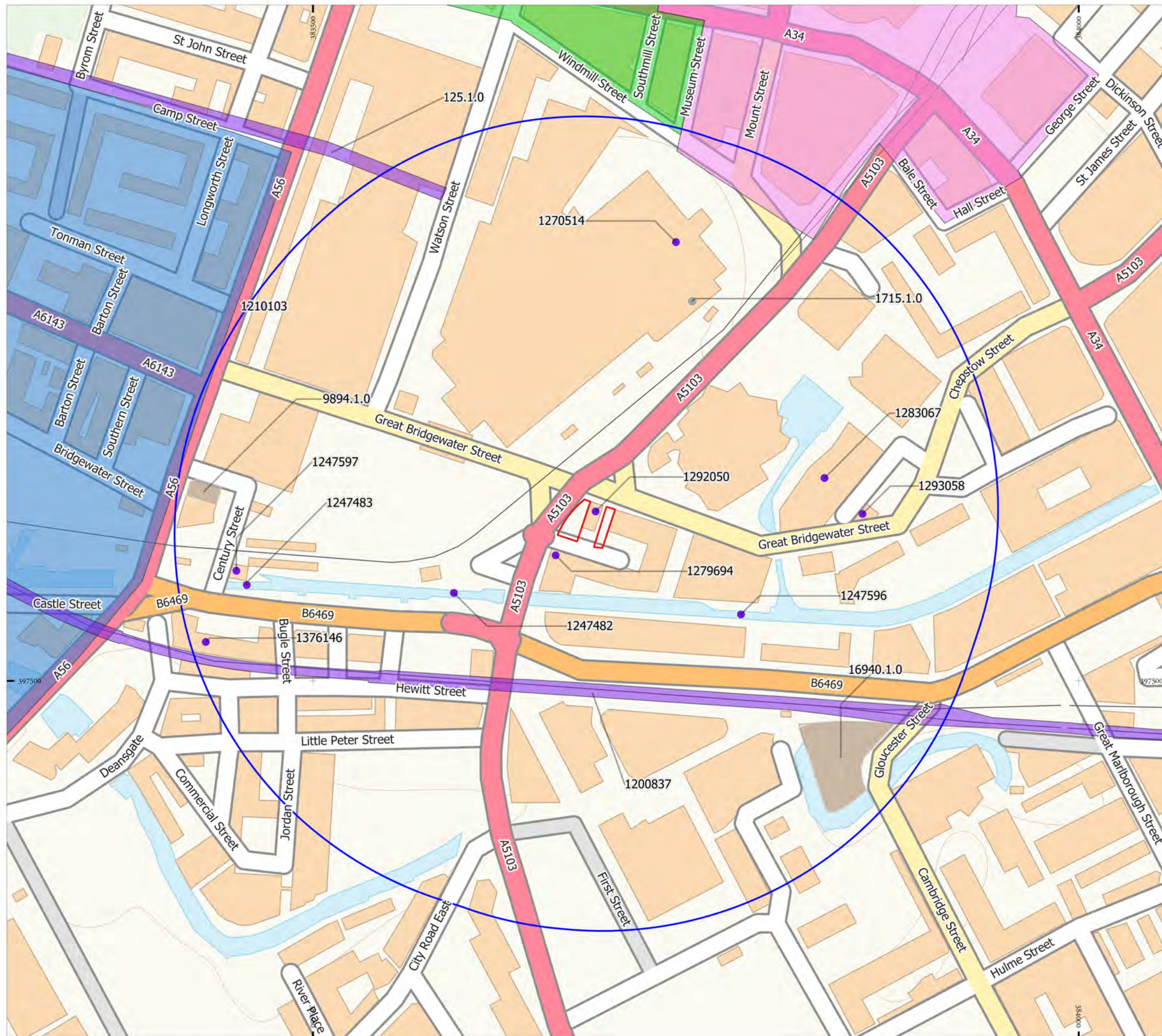
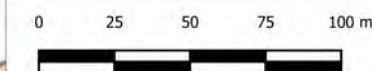


Figure 2: Historic Built Environment

- Apex Tower Site Boundary
 - Apex Tower 250m Study Area
 - Listed Buildings Polygons
 - Listed Buildings Point
 - Non-designated Structures Polygons
 - Non-designated Structures Points
- Conservation Areas
- Castlefield
 - Deansgate/Peter Street
 - St Peter's Square

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Site name: Apex Tower, Manchester
 Date: January 2022
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 Scale: 1:2,500 @ A3

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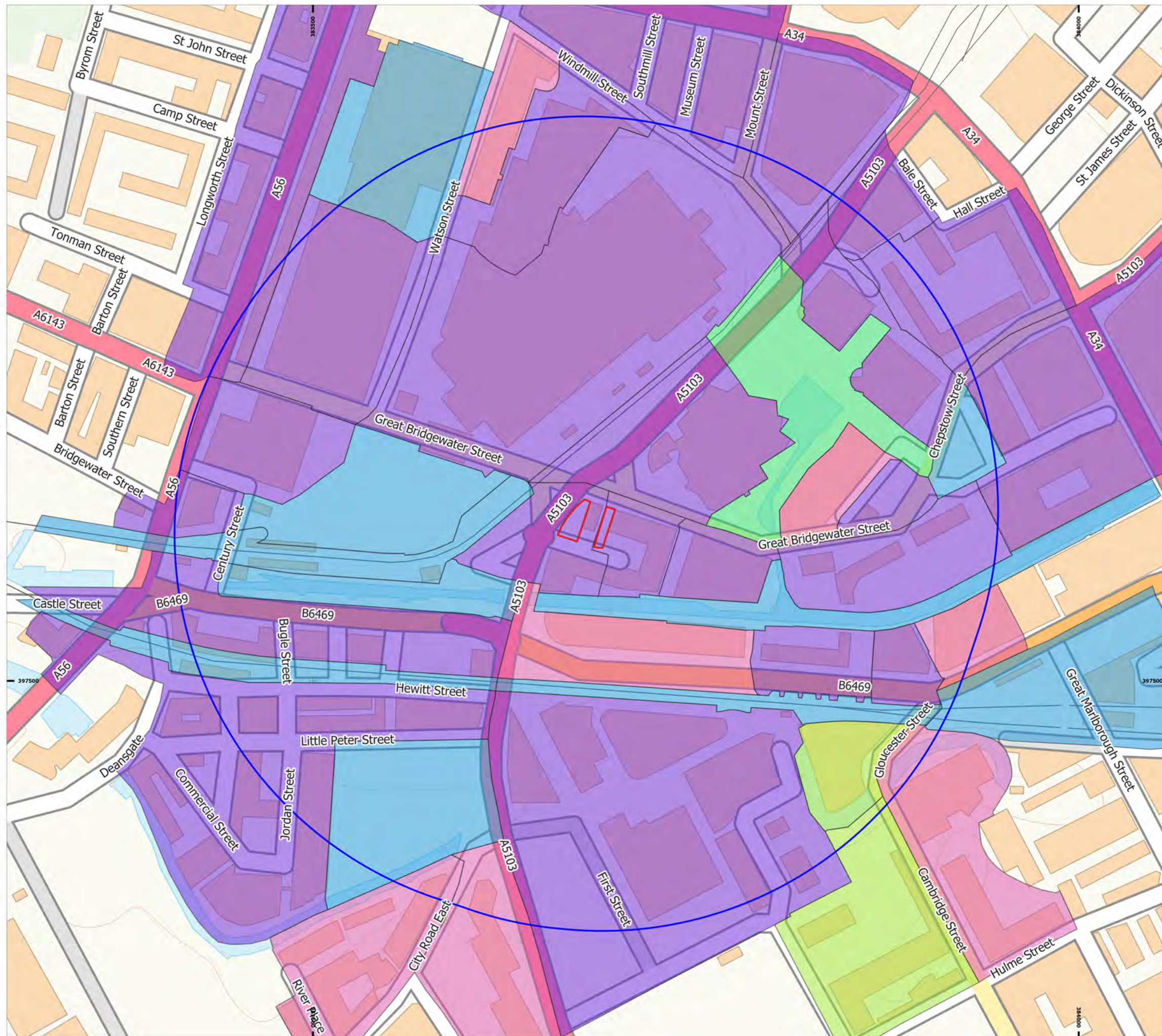
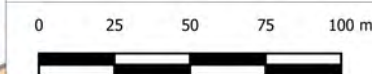


Figure 4: HLC Units

- Apex Tower Site Boundary
- Apex Tower 250m Study Area
- Communication
- Commercial
- Industrial
- Ornamental, Parkland and Recreational
- Settlement

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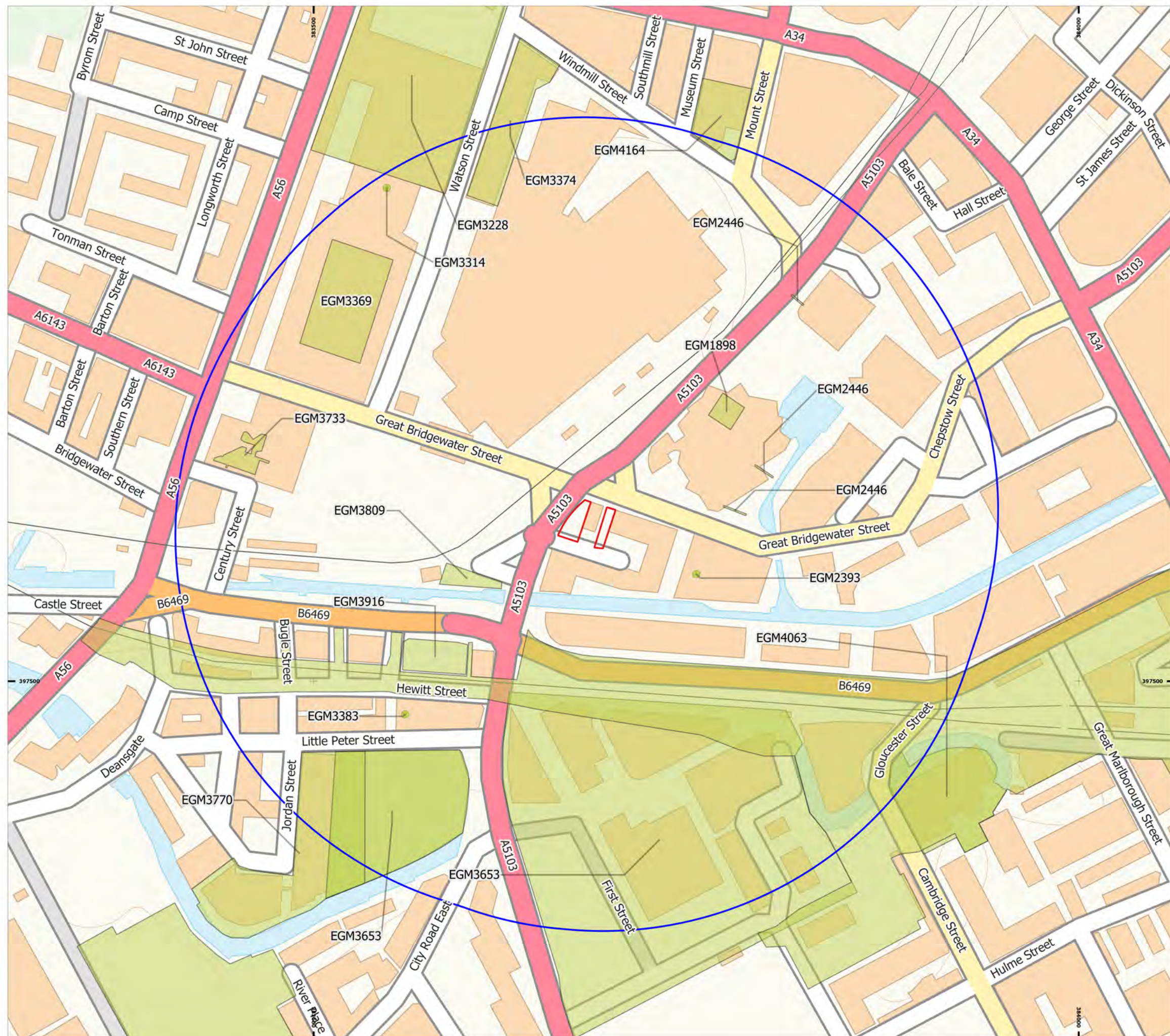
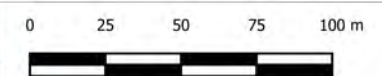


Figure 5: Archaeological Events

-  Apex Tower Site Boundary
-  Apex Tower 250m Study Area
-  Archaeological Events Polygons
-  Archaeological Events Points

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Figure 6: Features identified from Historical Mapping

- Apex Tower Site Boundary
- ARS1: 52 Greate Bridgewater Street (site of)
- ARS2: 55-65 Trumpet Street (site of)
- ARS3: 1-11 Albion Street (site of)
- ARS4: Coal Yard (site of)



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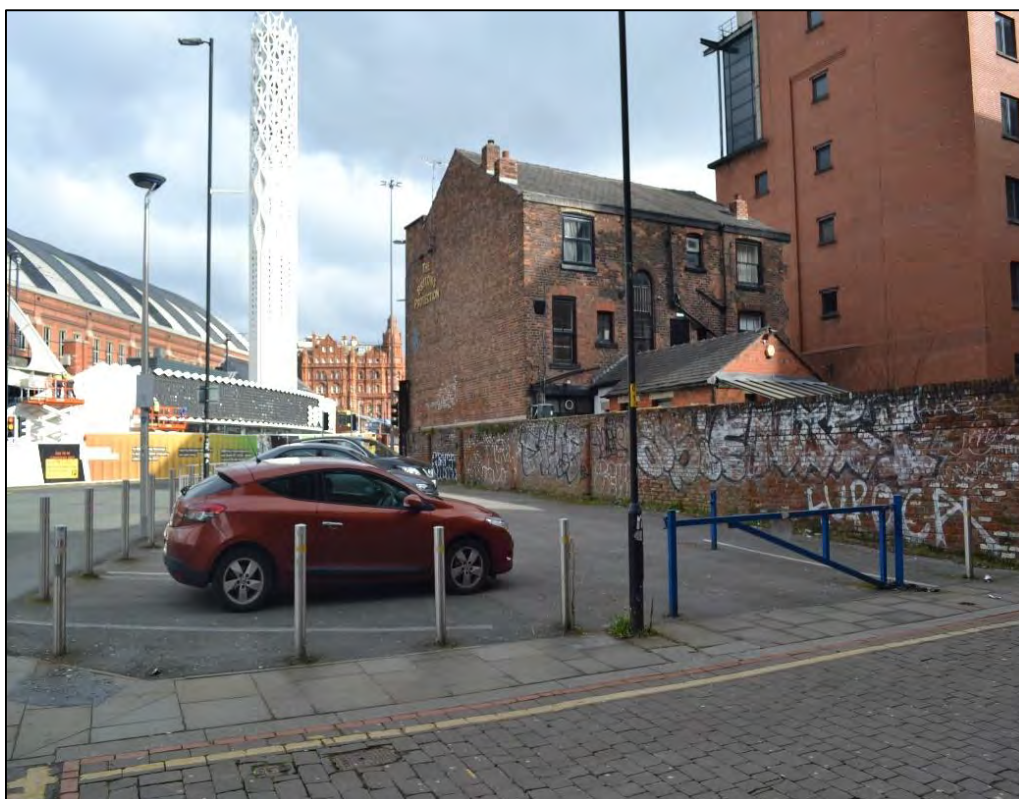
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APPENDIX VIII PHOTOGRAPHS



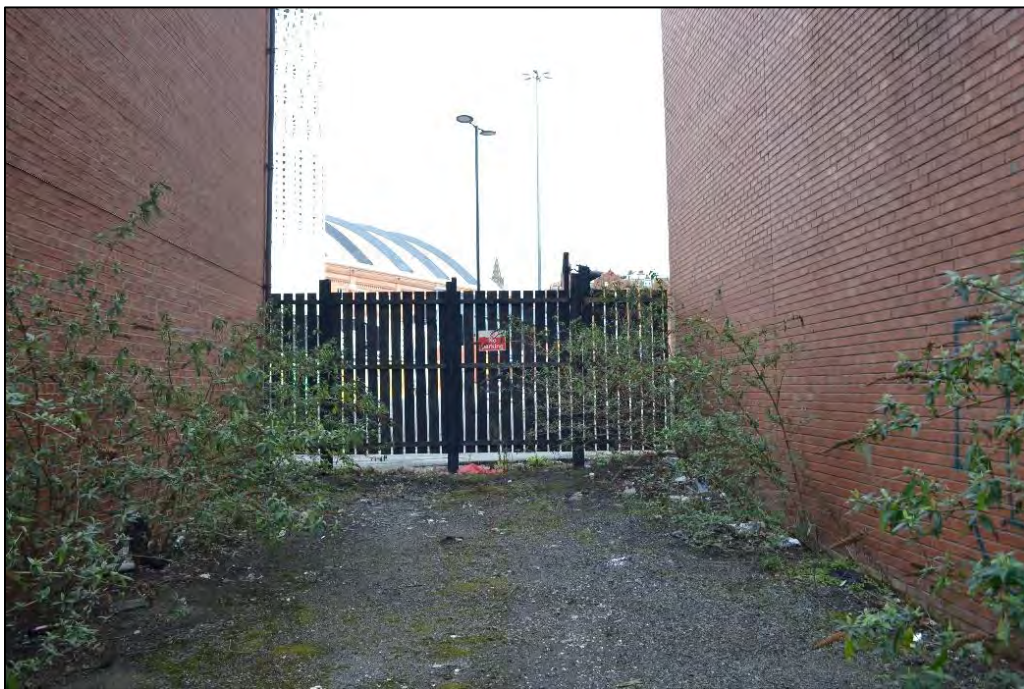
Photograph 1: View north from Trumpet Street



Photograph 2: View south from Great Bridgewater Street



Photograph 3: View north from Trumpet Street



Photograph 4: View north towards Bridgewater Street

Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: 1056 Scale Town Plan

Map date: 1851

Scale: 1:1,056

Printed at: 1:1,056



Surveyed 1849
Revised N/A
Edition 1851
Copyright N/A
Levelled N/A

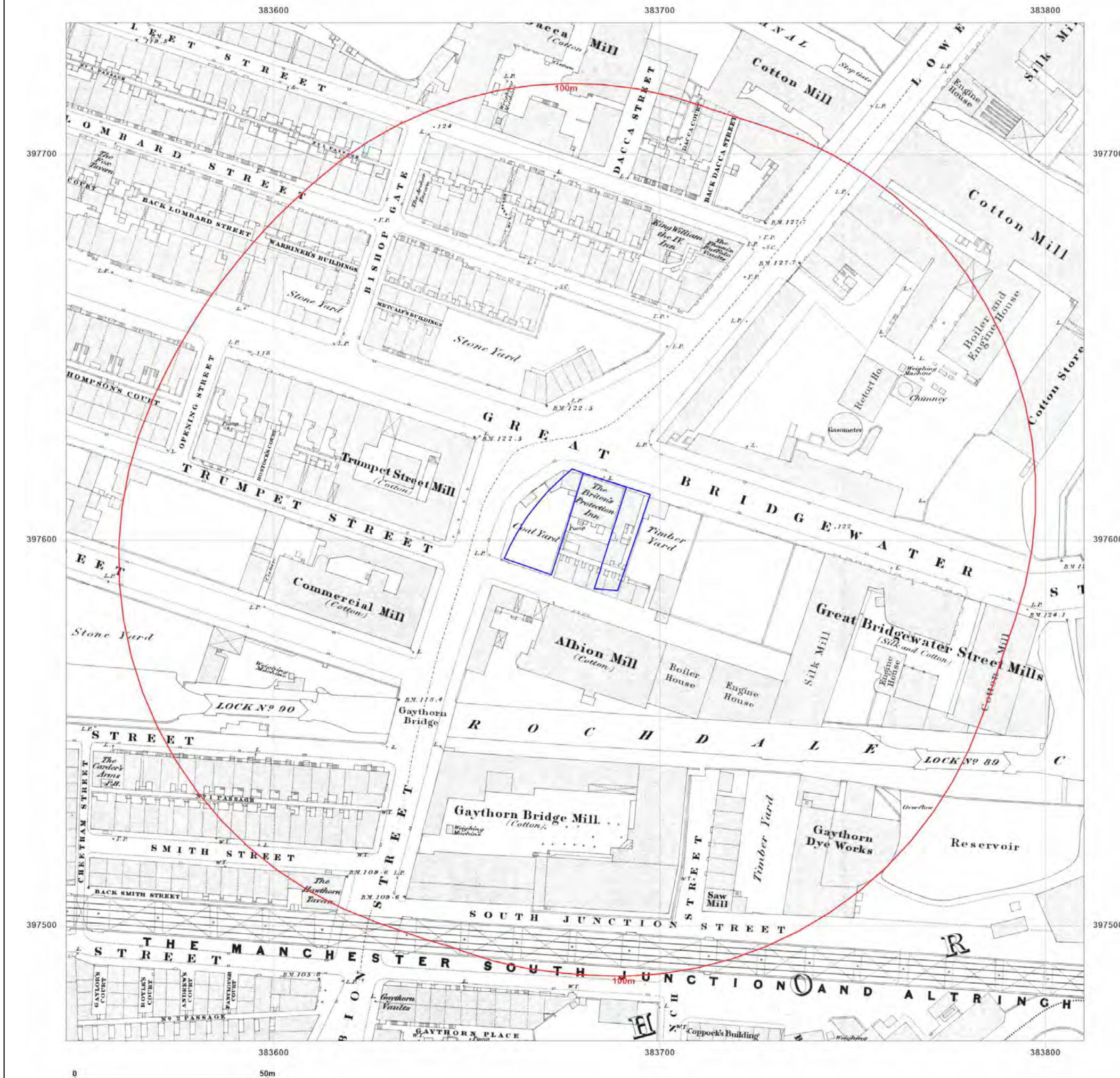


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series Town Plan

Map date: 1891

Scale: 1:500

Printed at: 1:1,000



Surveyed 1891
Revised N/A
Edition N/A
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Surveyed 1891
Revised N/A
Edition N/A
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Site Details:

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397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1893

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1893
Revised N/A
Edition 1893
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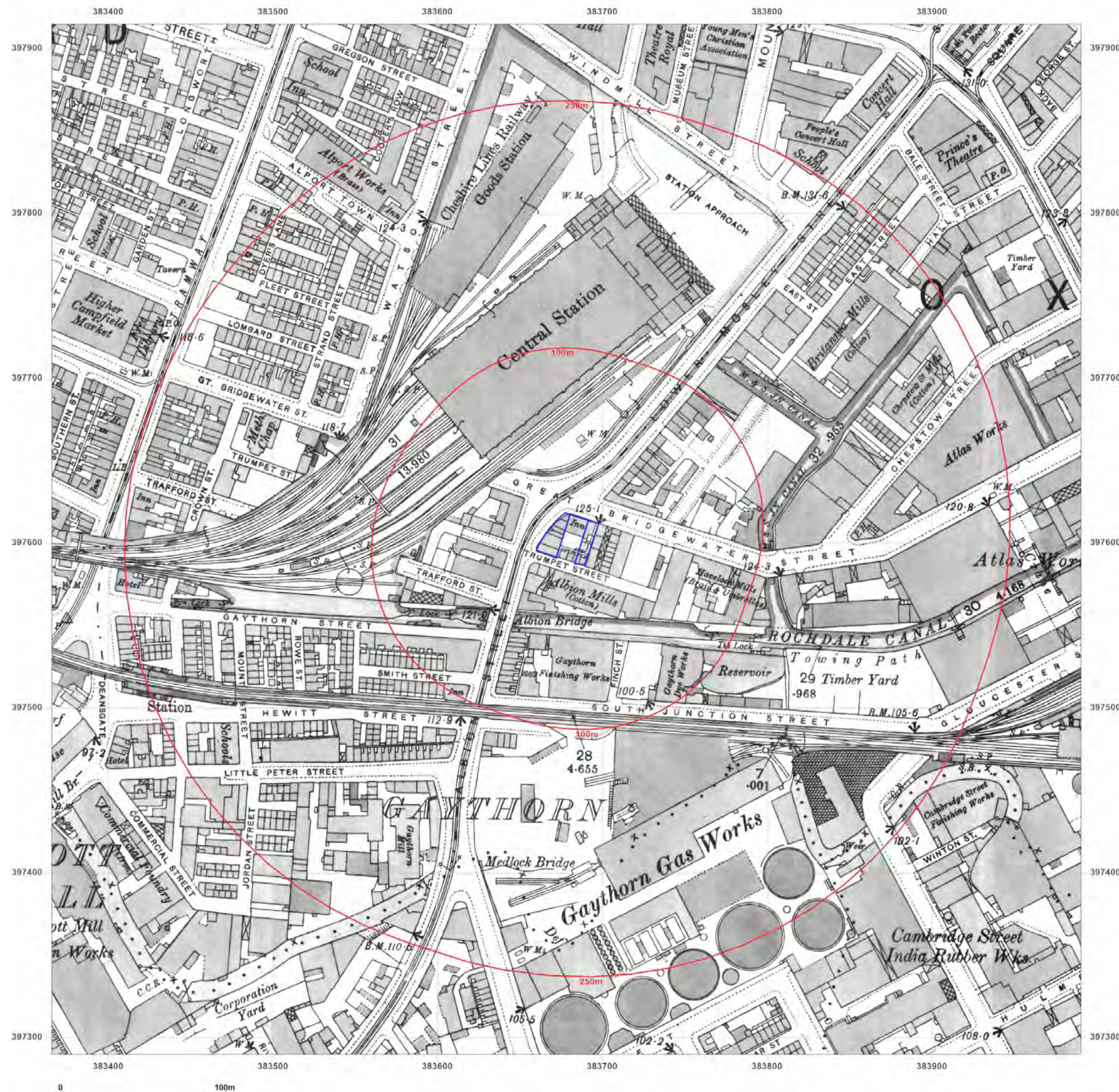


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Site Details:

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Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1908

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1891
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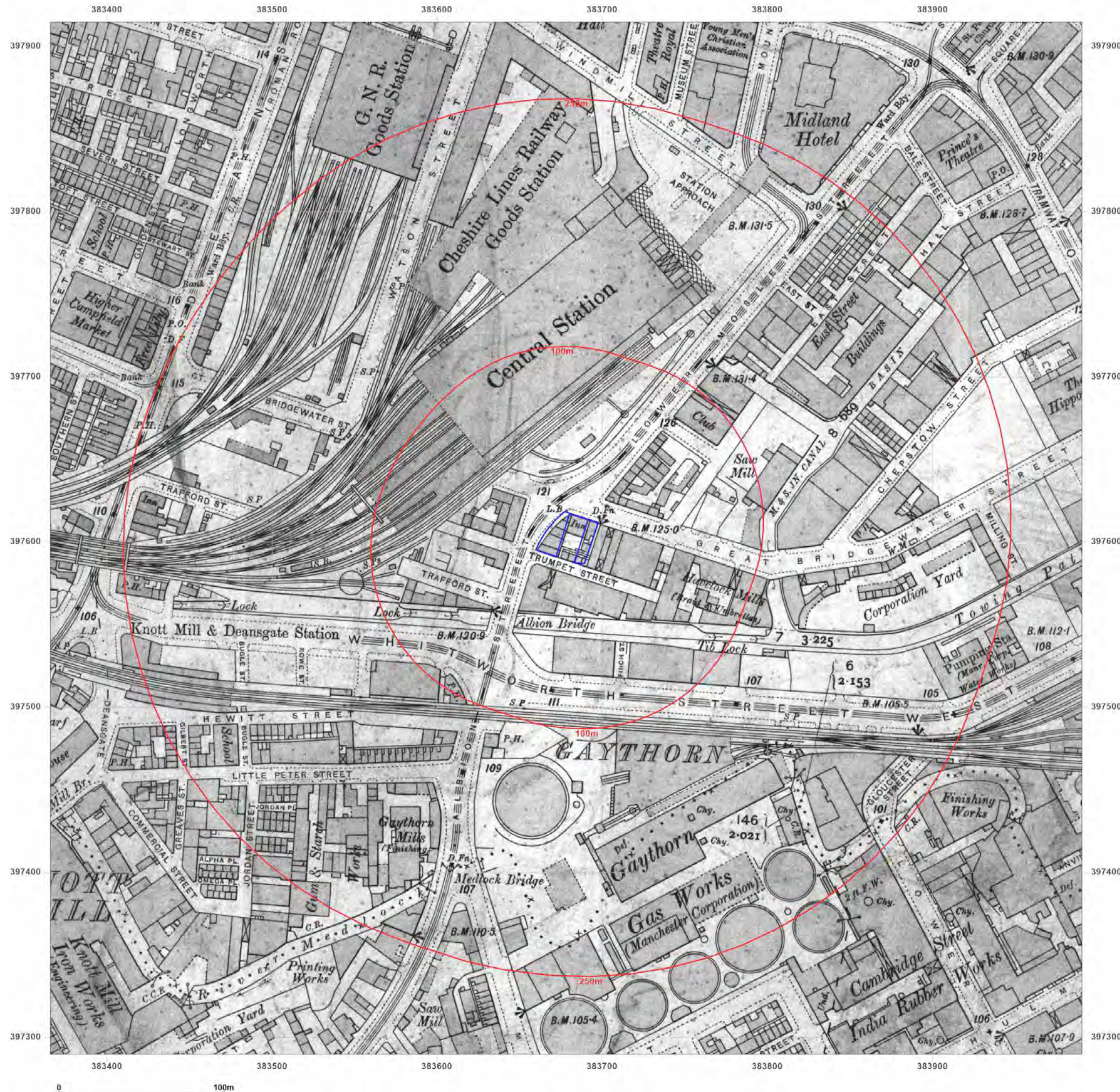


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1922
Revised 1916
Edition 1922
Copyright N/A
Levelled 1915

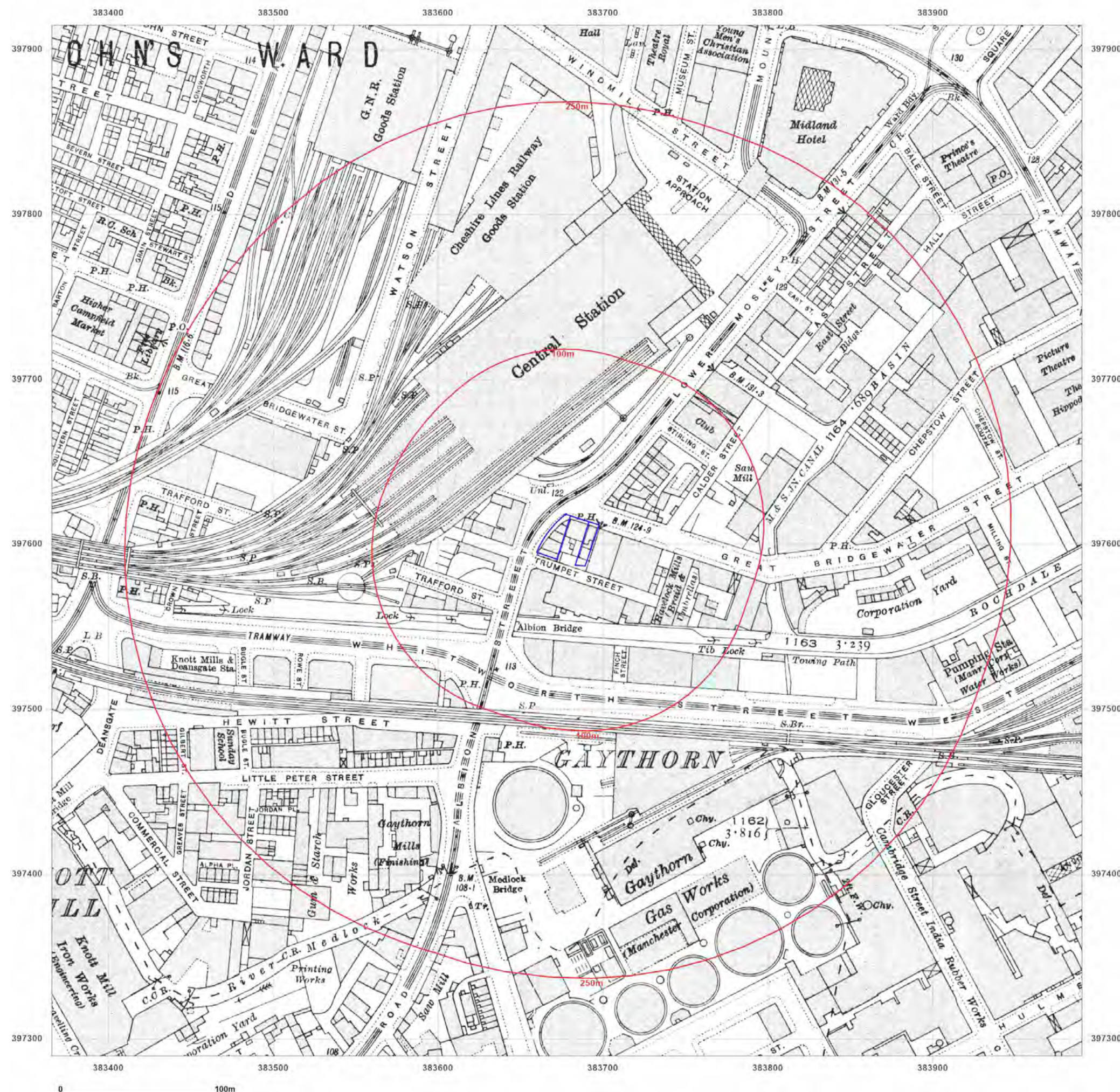


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1932

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1873
Revised 1932
Edition N/A
Copyright N/A
Levelled 1927

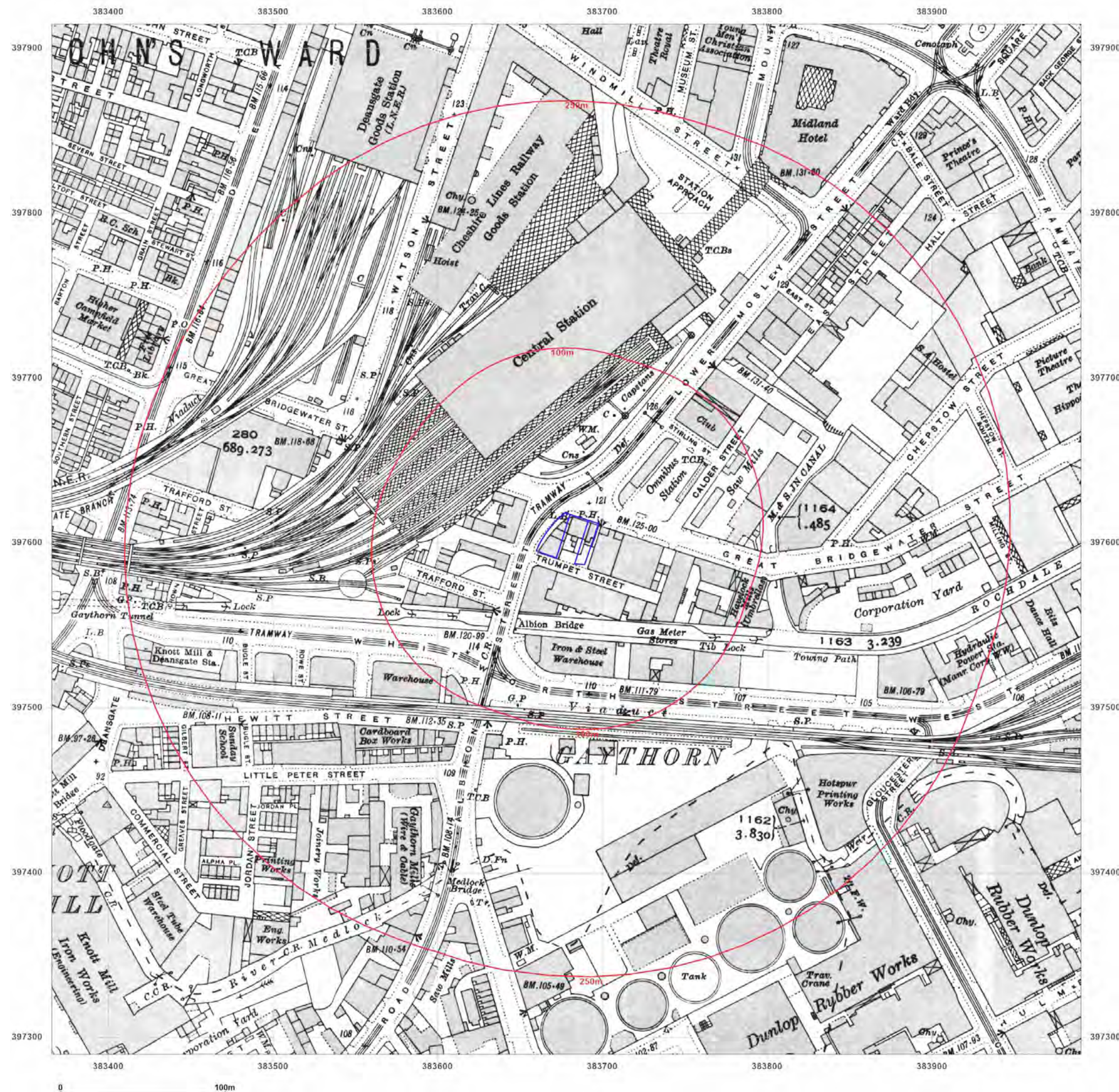


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1949

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1948
Revised 1948
Edition N/A
Copyright 1949
Levelled 1927

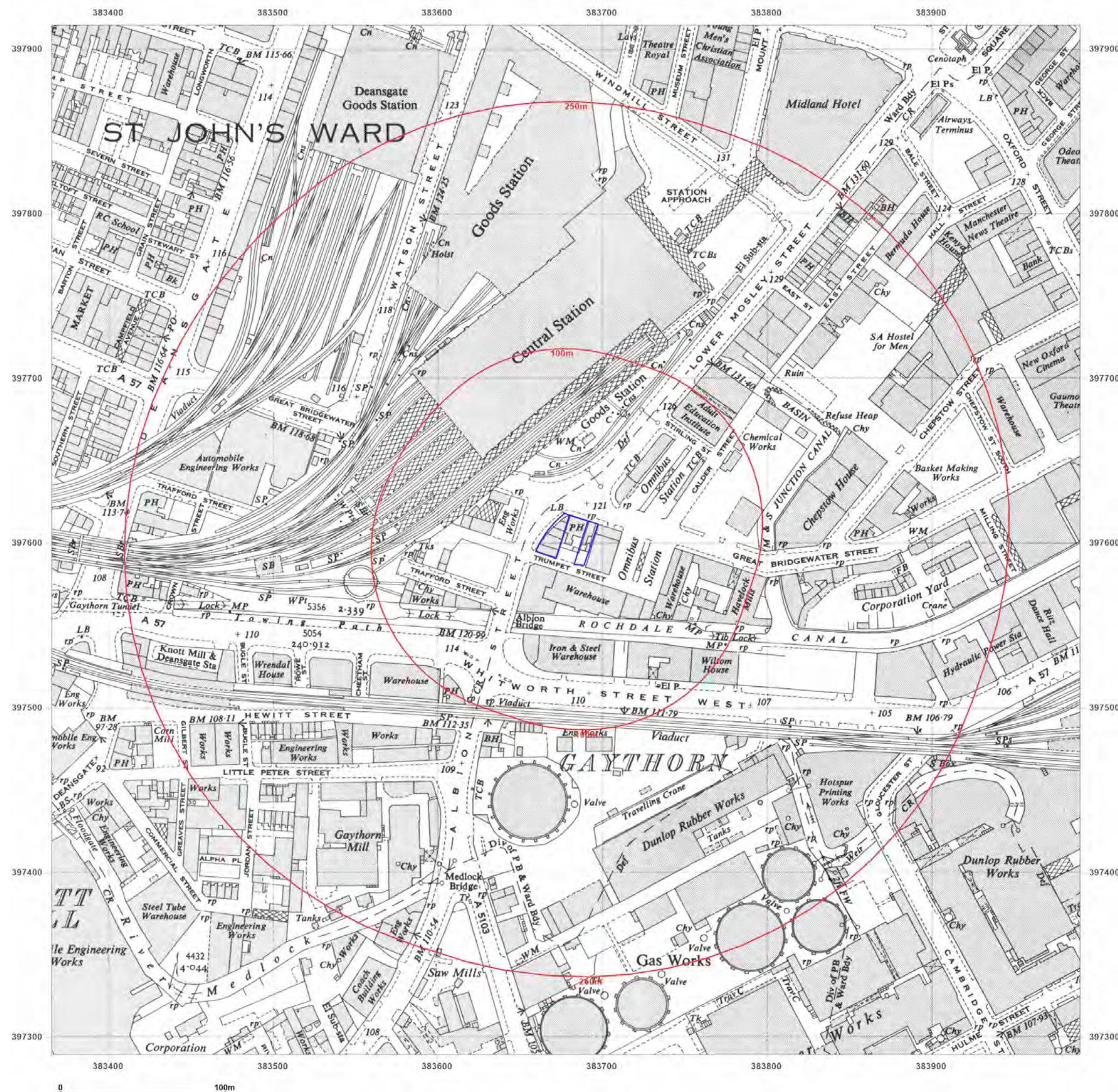


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1948-1953

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1948
Revised 1948
Edition N/A
Copyright 1948
Levelled 1927

Surveyed 1948
Revised 1948
Edition N/A
Copyright 1948
Levelled 1927

Surveyed 1948
Revised 1953
Edition N/A
Copyright 1953
Levelled 1927

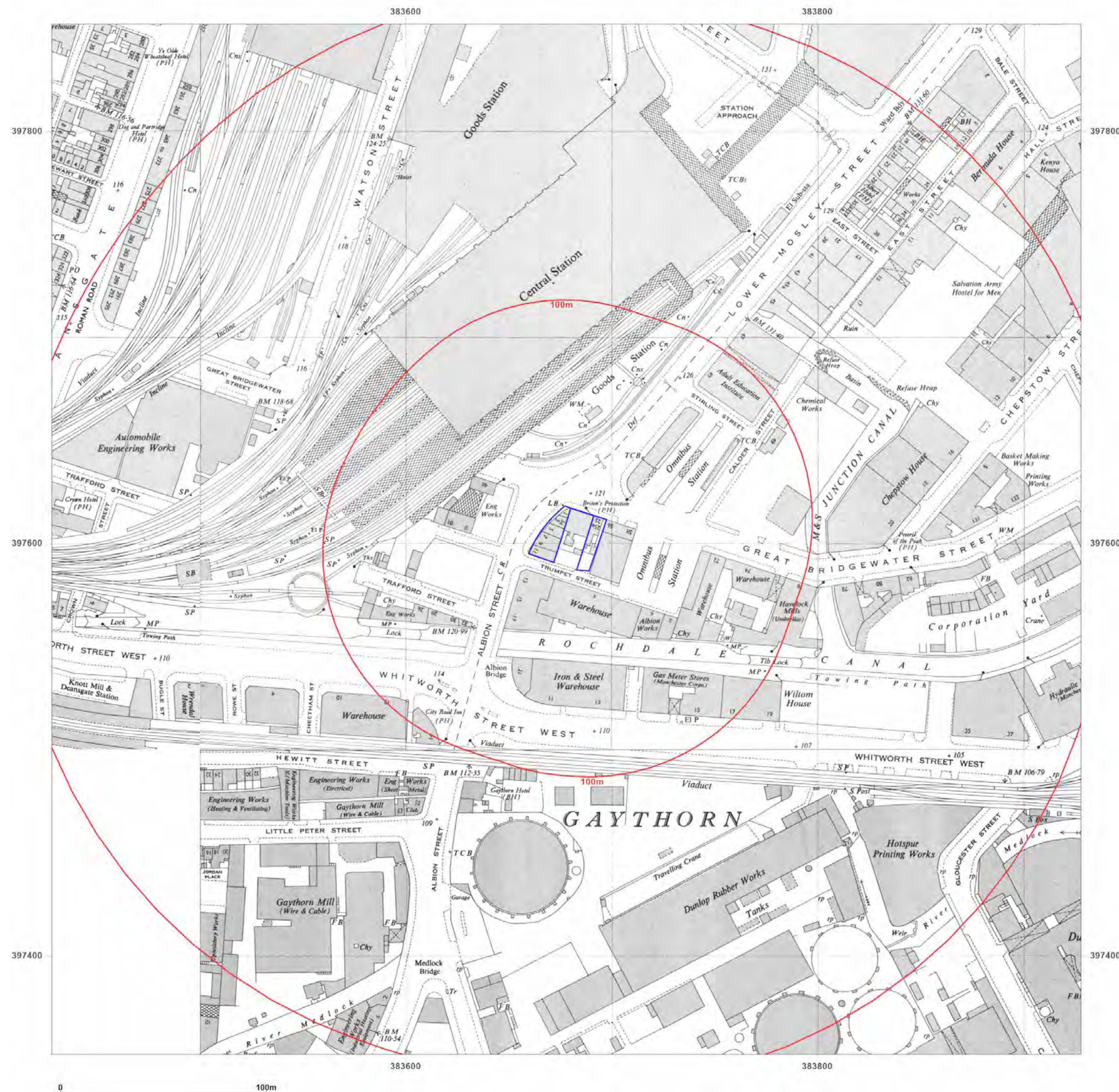


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1951-1955

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1948
Revised 1955
Edition N/A
Copyright 1955
Levelled 1927

Surveyed 1951
Revised 1951
Edition N/A
Copyright 1951
Levelled 1927

Surveyed 1953
Revised 1953
Edition N/A
Copyright 1954
Levelled 1927

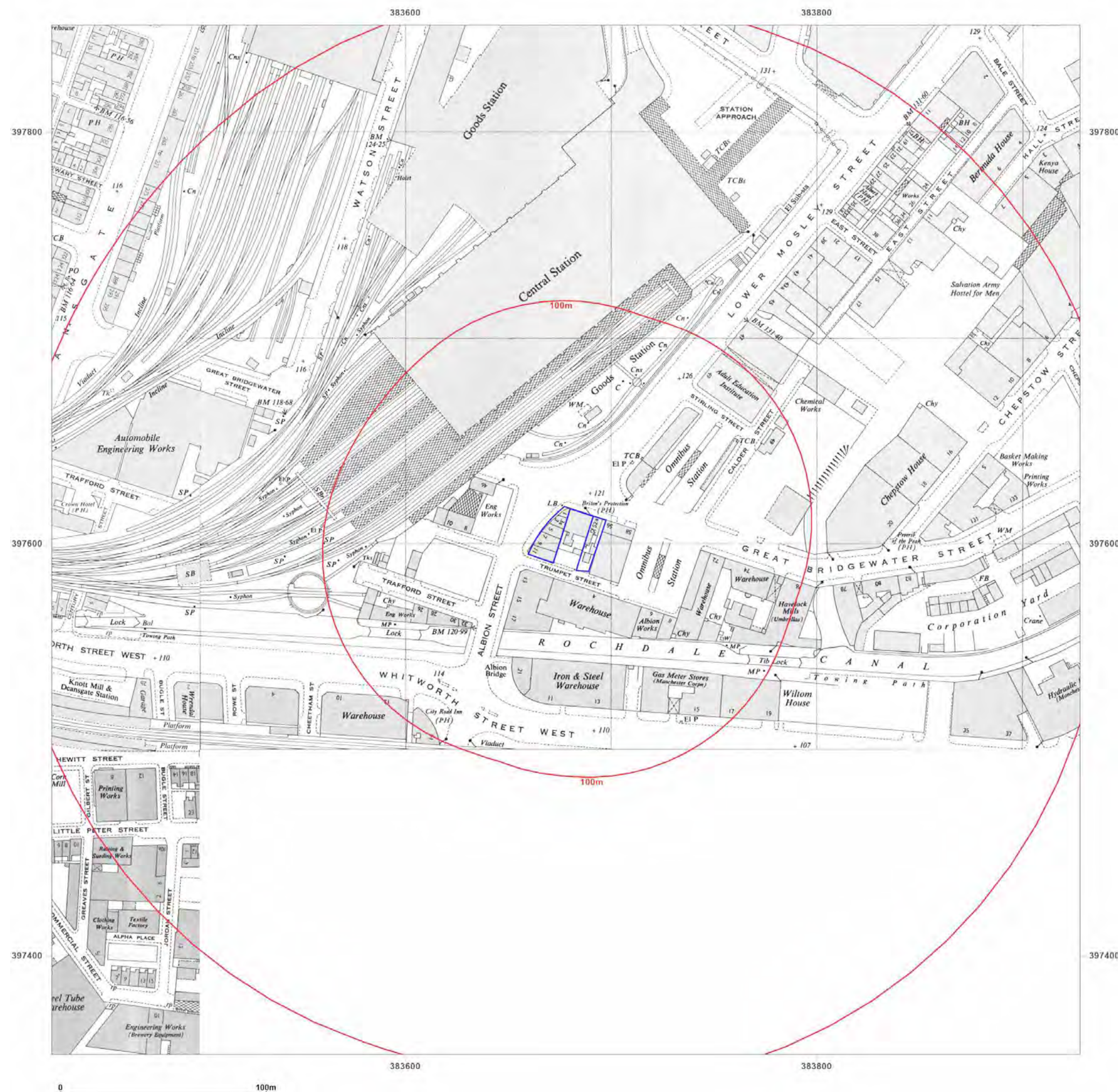


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1957

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1953
Revised 1953
Edition N/A
Copyright 1957
Levelled 1927

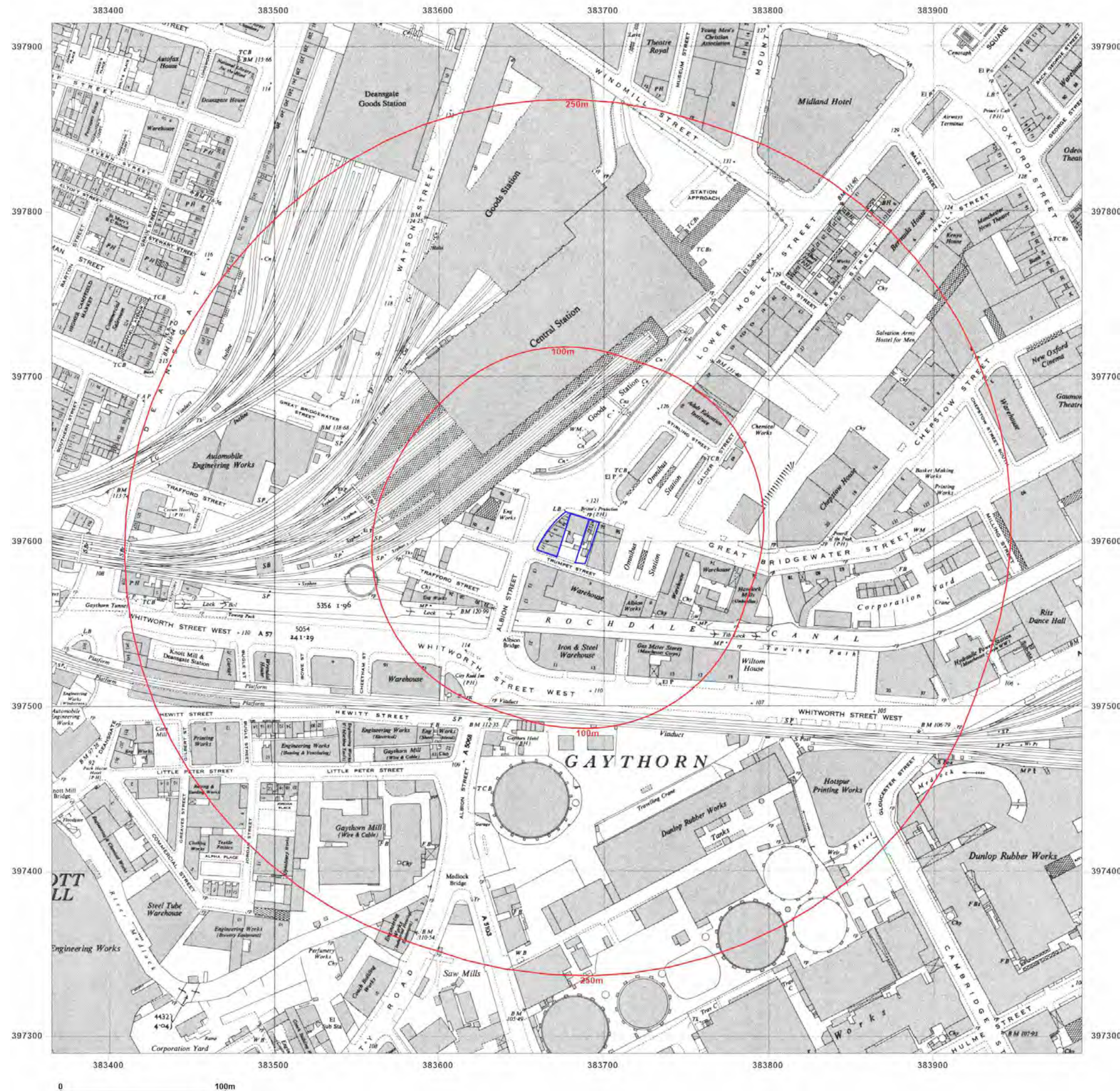


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1965

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1963
Revised 1963
Edition N/A
Copyright 1965
Levelled 1958

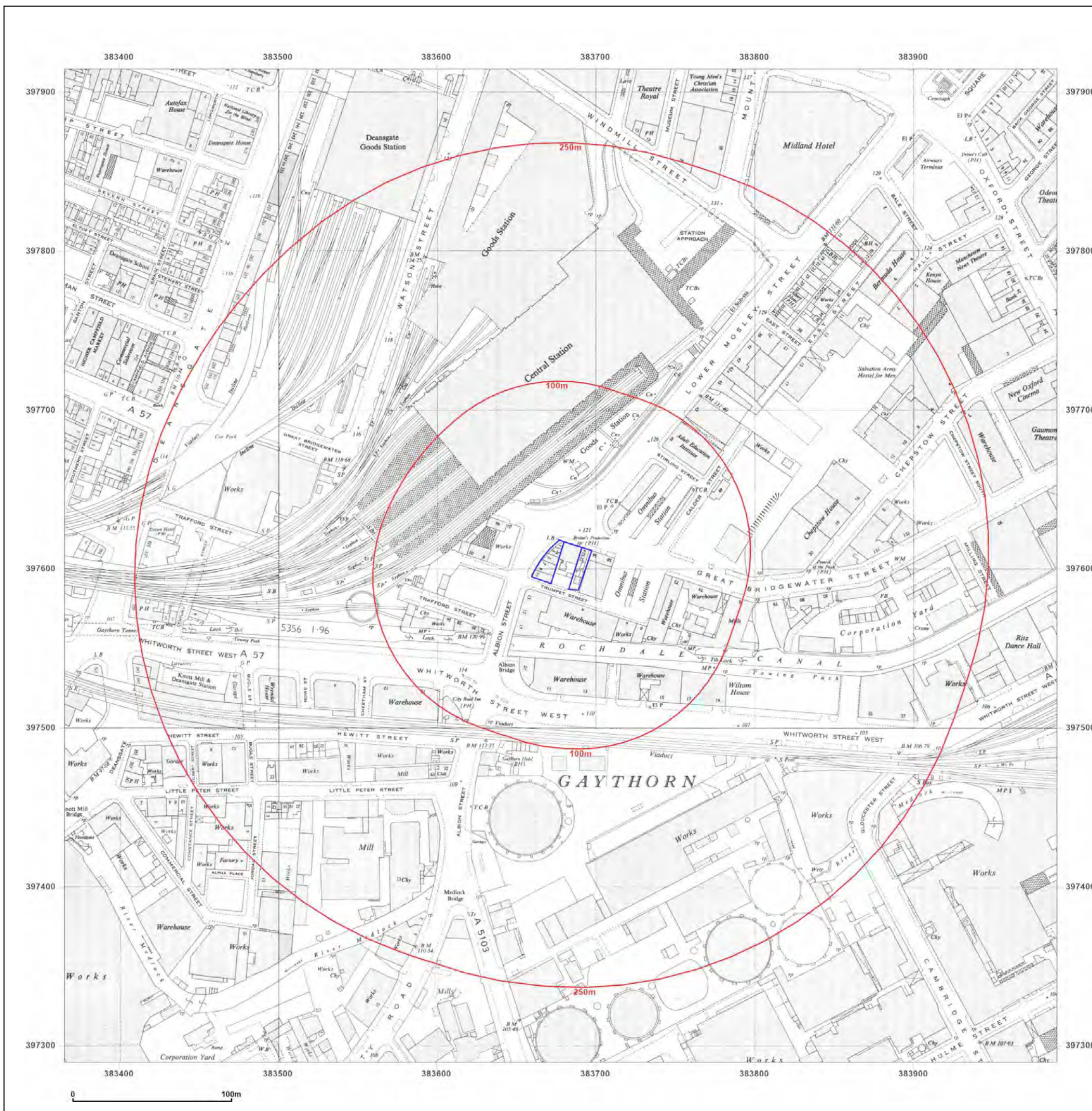


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1969-1973

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1948 Revised 1972 Edition N/A Copyright 1973 Levelled 1963	Surveyed 1948 Revised 1968 Edition N/A Copyright 1969 Levelled 1963
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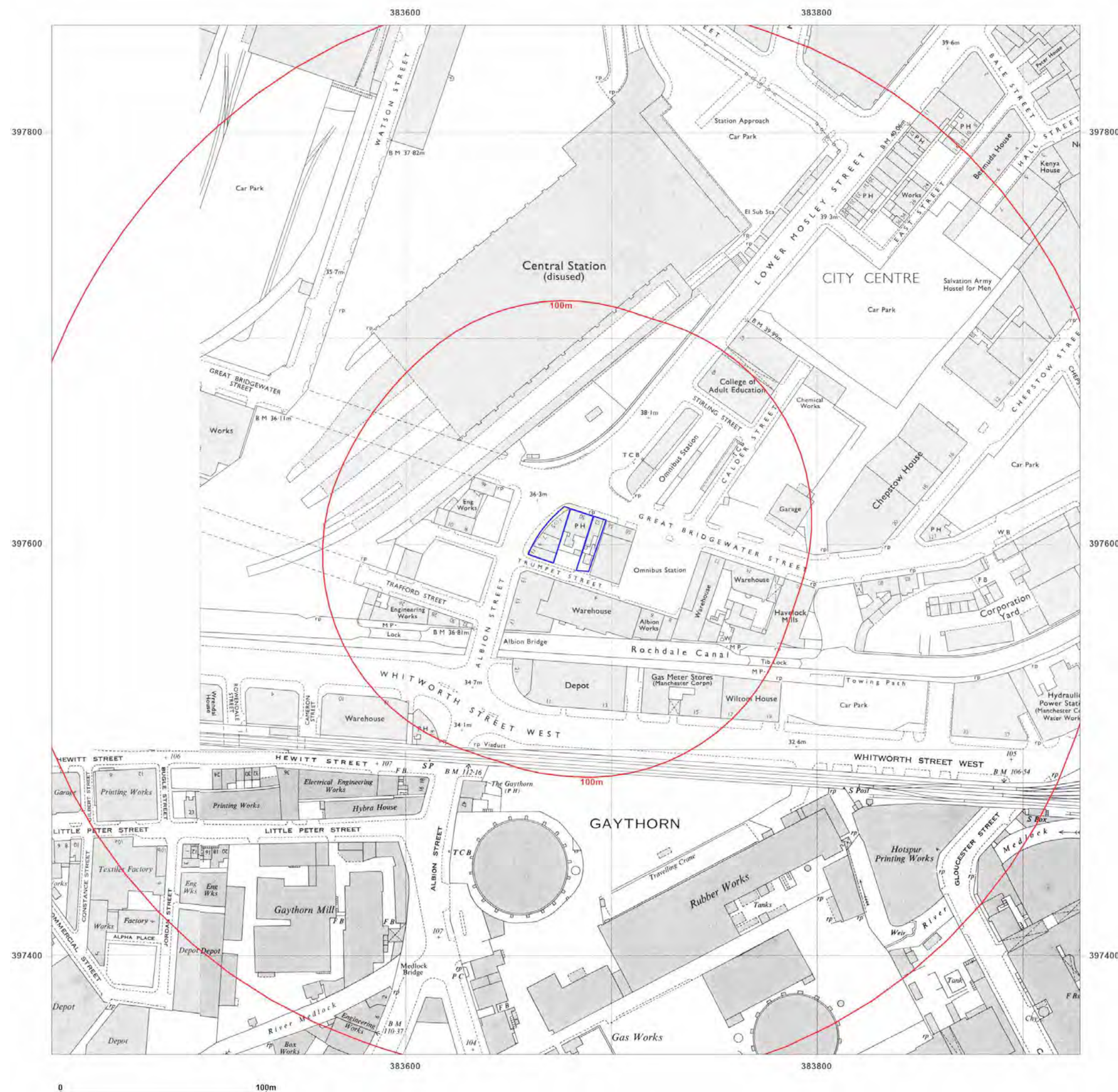


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1980

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1980
Levelled 1963

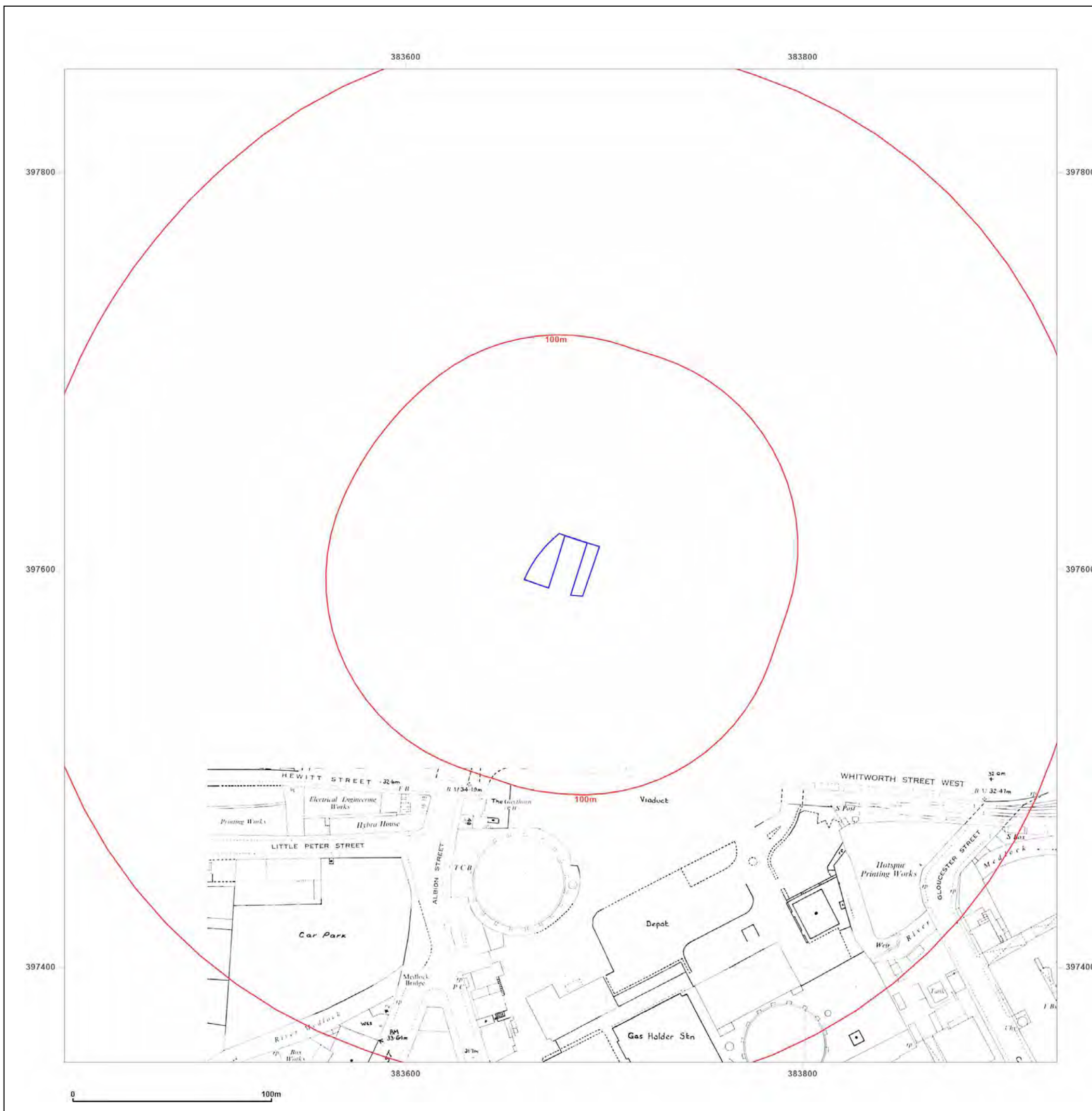


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1980-1985

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1948
Revised 1979
Edition N/A
Copyright 1981
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1985
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1980
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1980
Levelled 1963

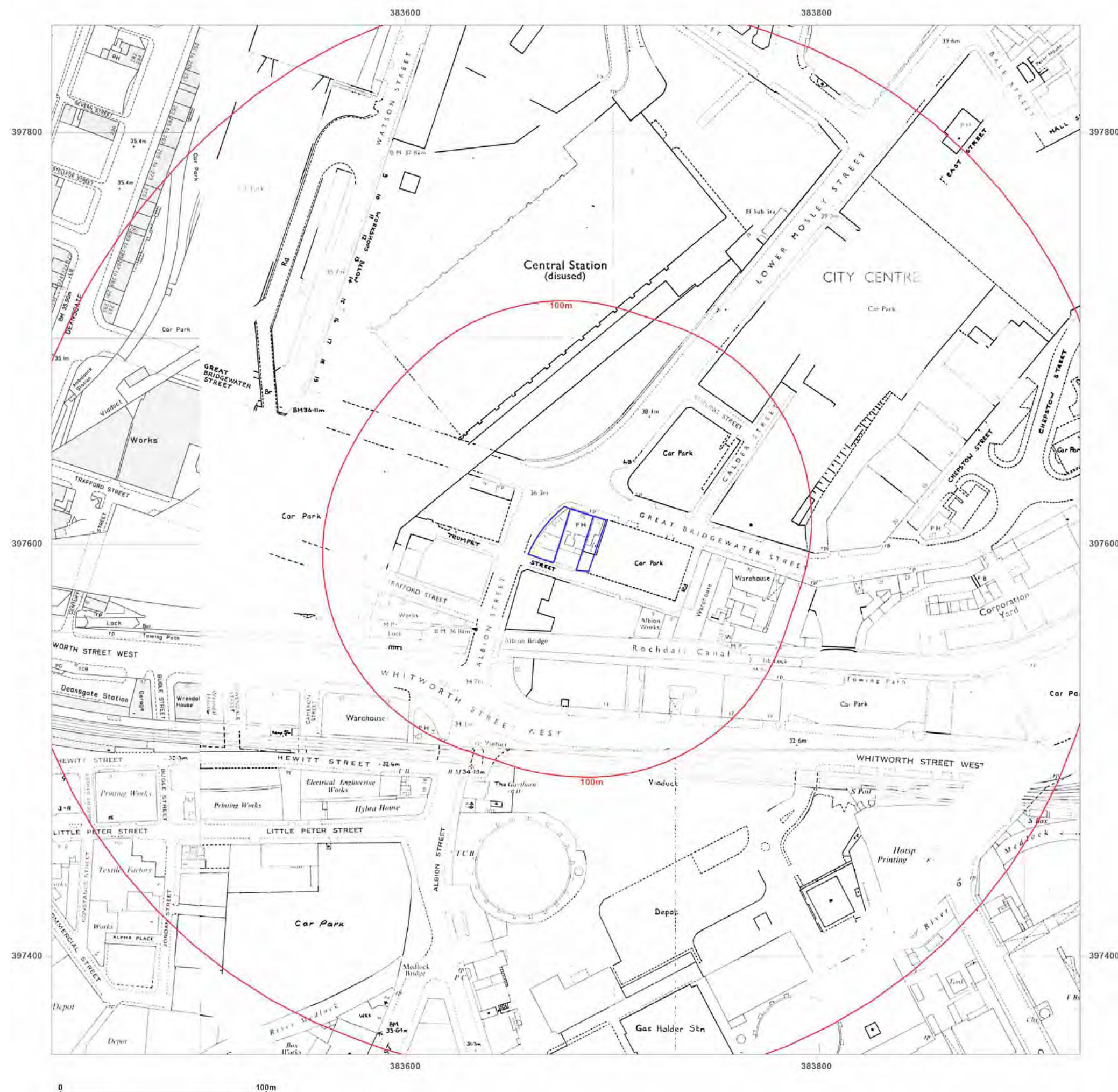


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1980-1985

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1980
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1985
Levelled 1963

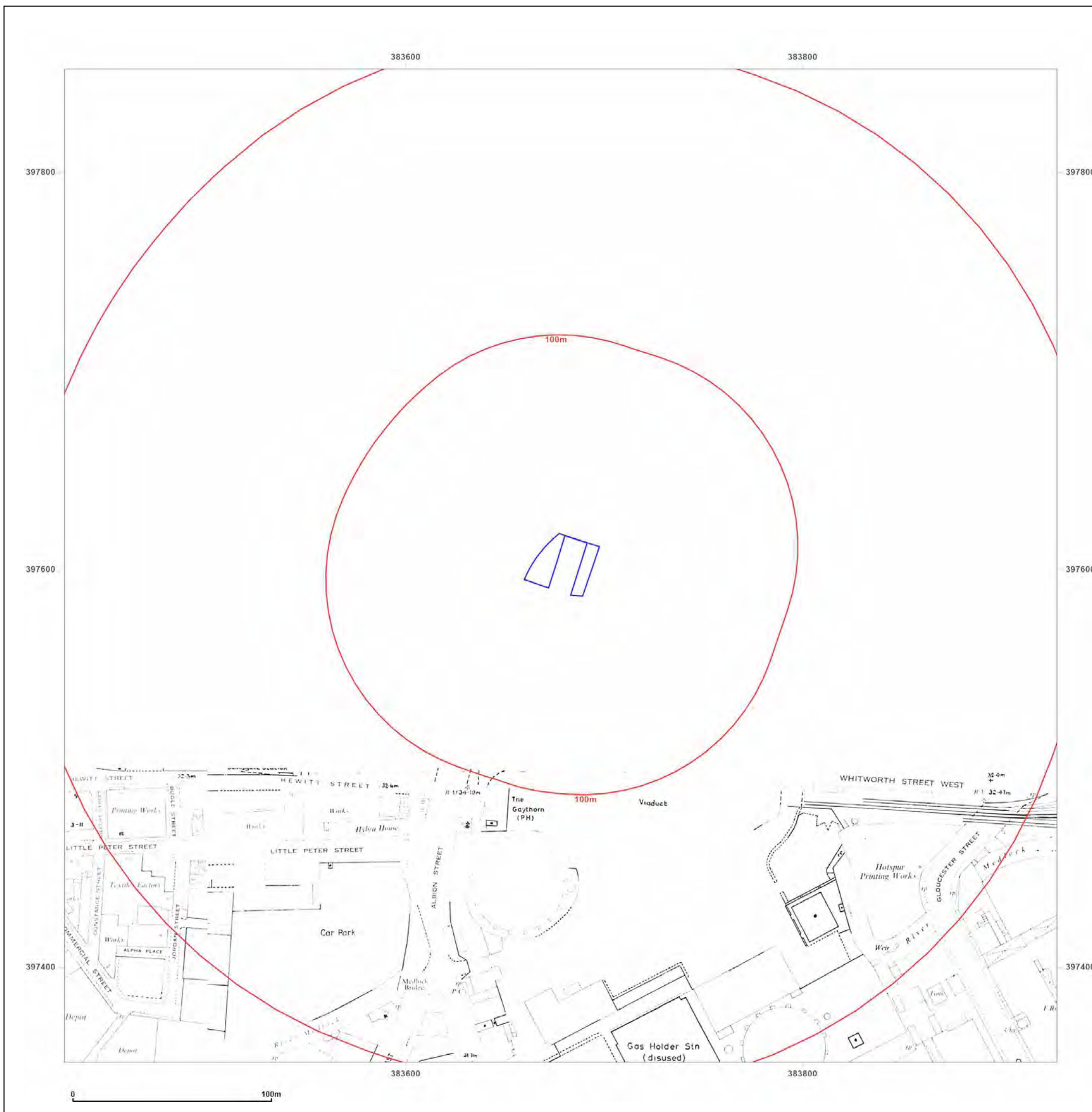


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1986-1990

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1986
Levelled 1963

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1990
Levelled N/A

Surveyed 1963
Revised 1987
Edition N/A
Copyright 1987
Levelled 1963

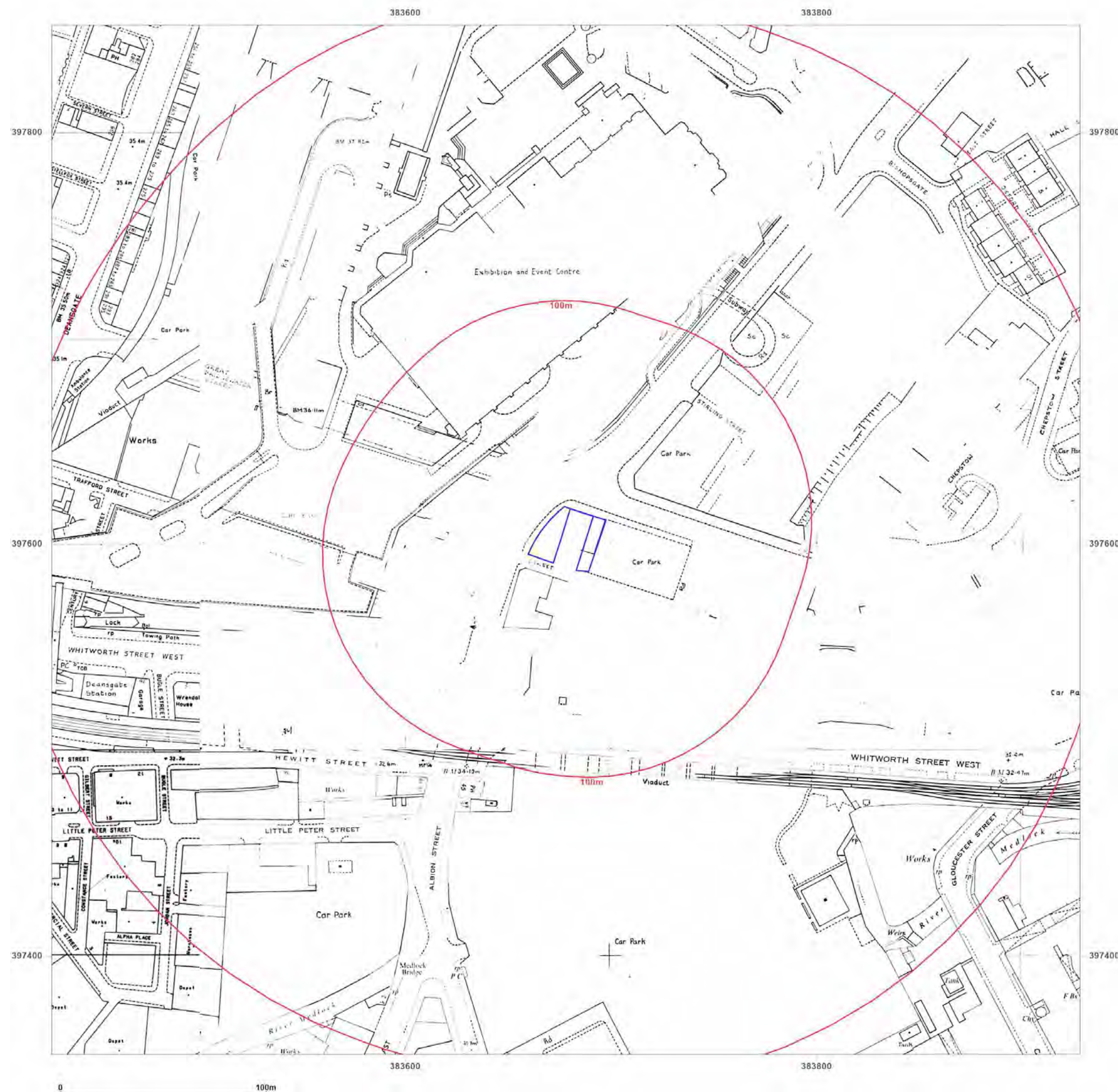


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1987-1992

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1948
Revised 1979
Edition N/A
Copyright 1990
Levelled N/A

Surveyed 1948
Revised 1987
Edition N/A
Copyright 1988
Levelled 1963

Surveyed 1992
Revised 1992
Edition N/A
Copyright 1992
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1987
Levelled 1963

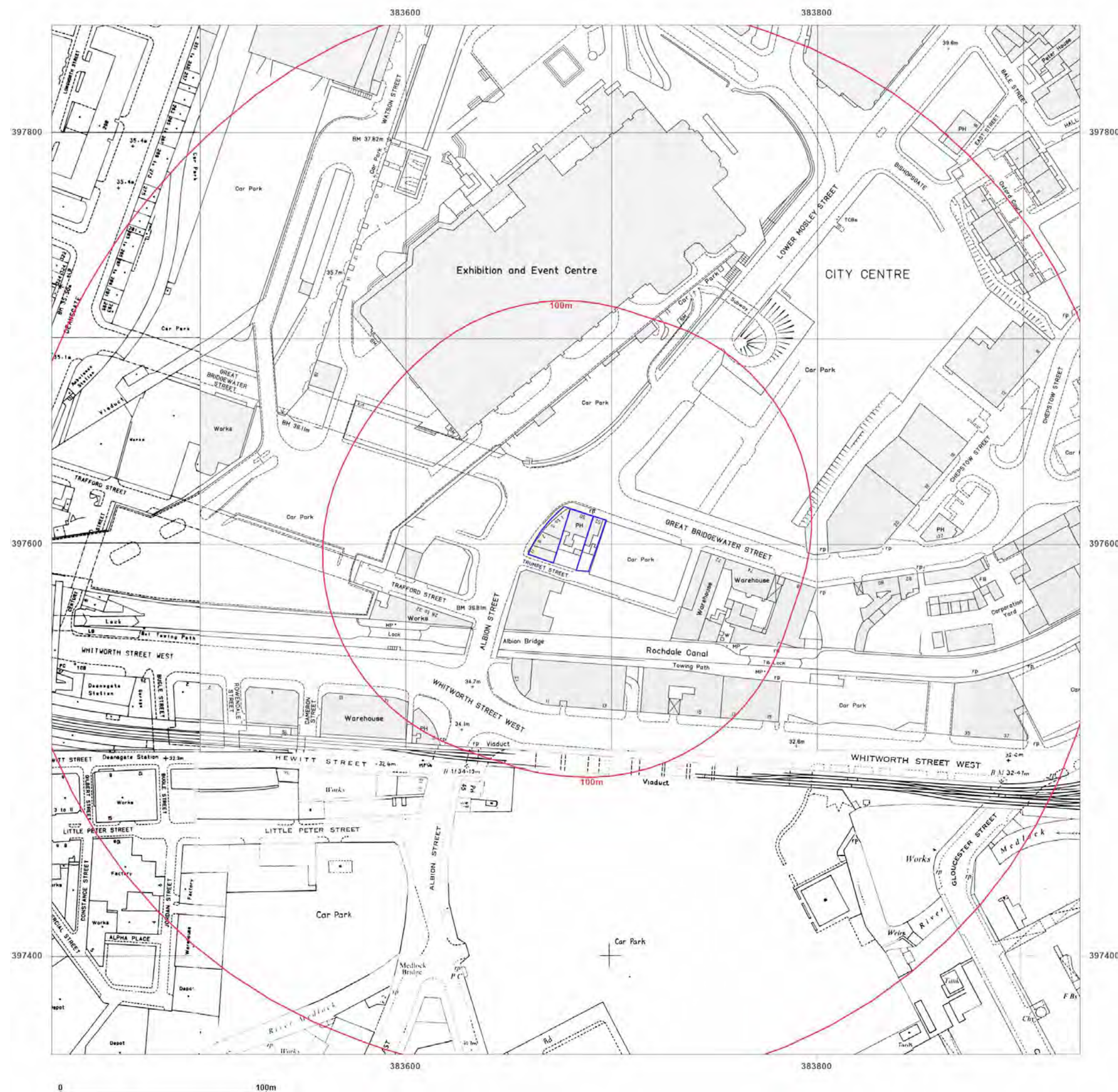


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1990-1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1992
Revised 1992
Edition N/A
Copyright 1992
Levelled N/A

Surveyed 1992
Revised 1992
Edition N/A
Copyright 1992
Levelled N/A

Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

Surveyed 1963
Revised 1990
Edition N/A
Copyright 1990
Levelled 1963

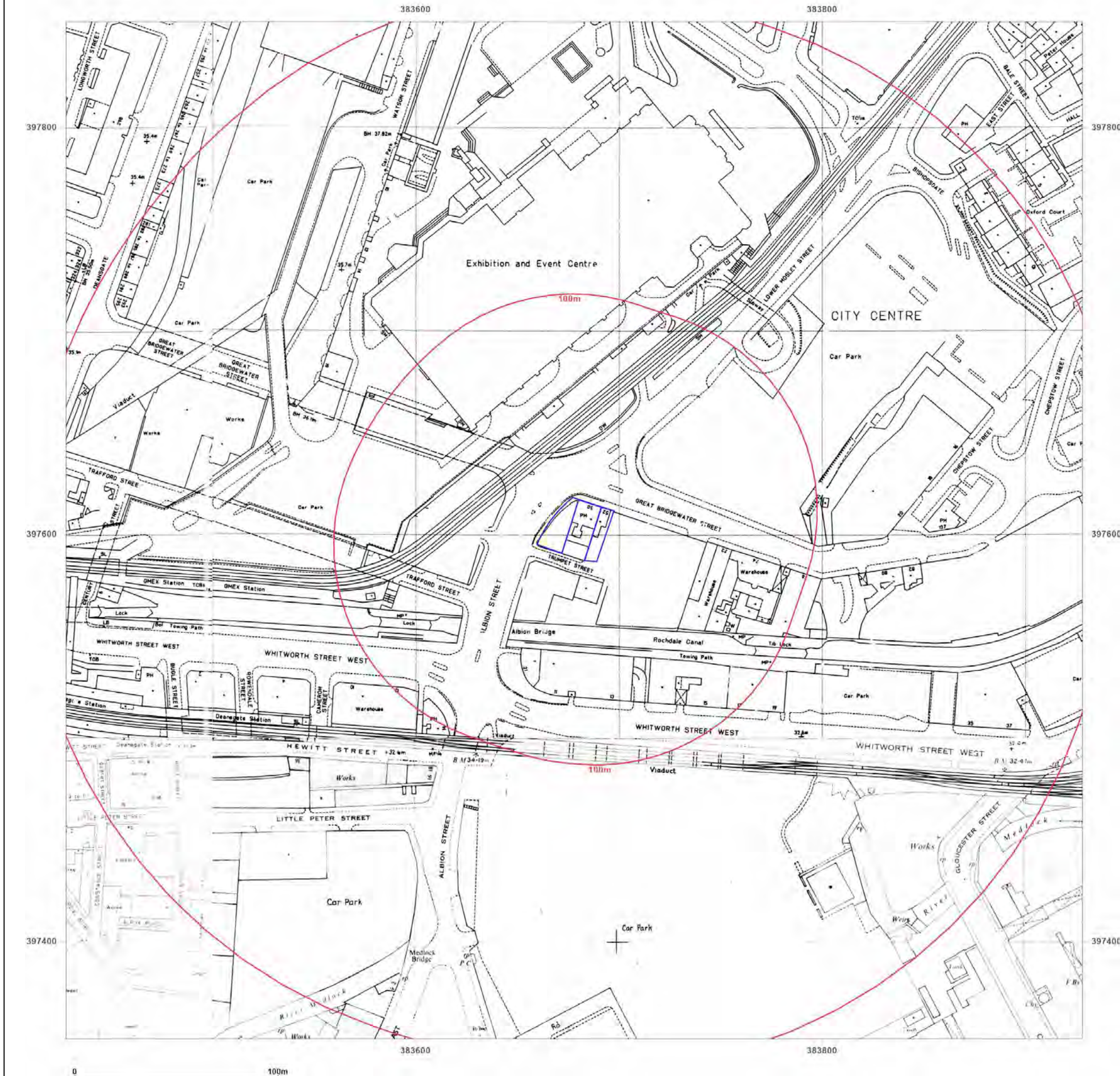


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1992-1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1994
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

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Revised 1992
Edition N/A
Copyright 1992
Levelled N/A

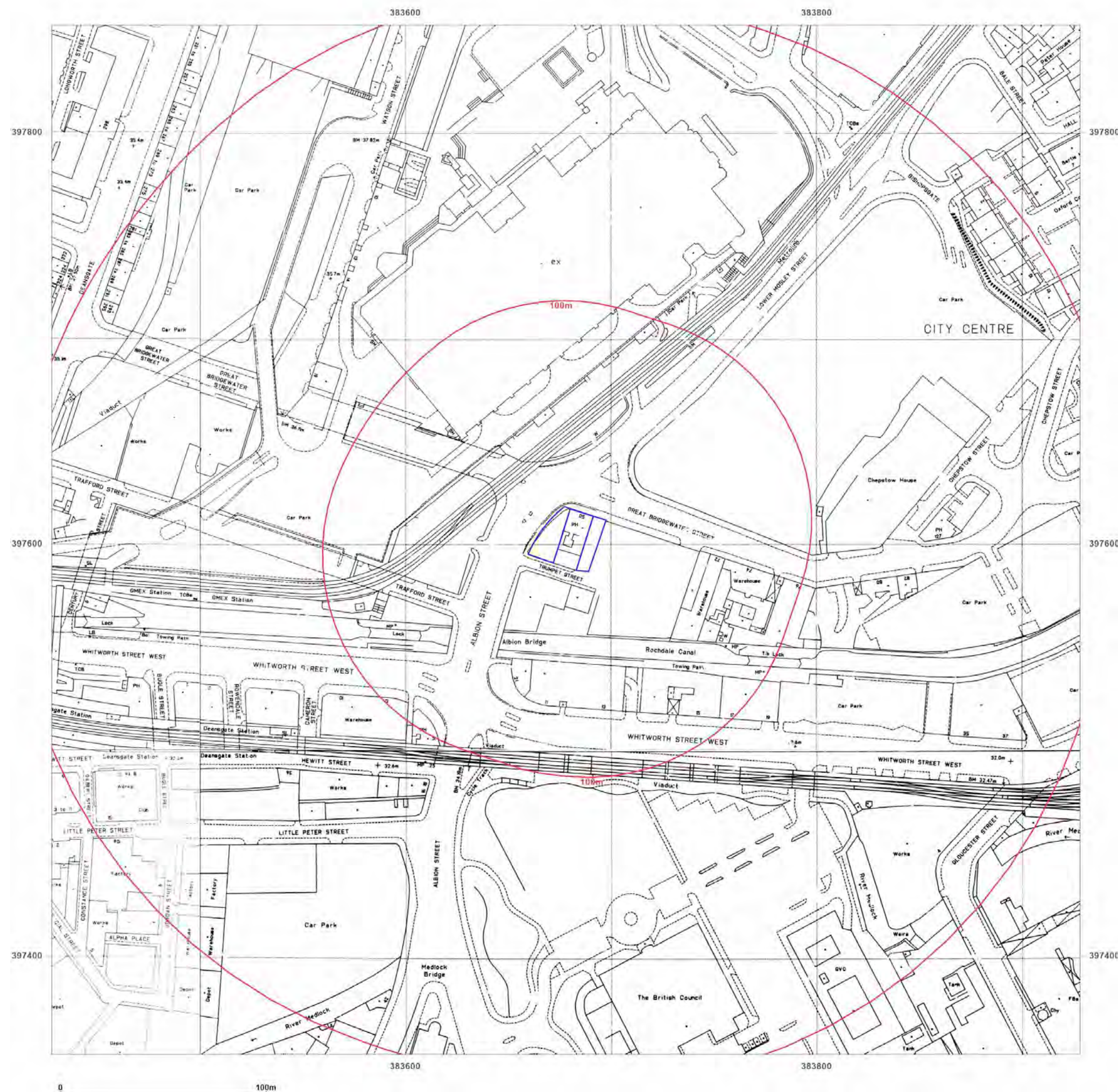


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1994-1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1994
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

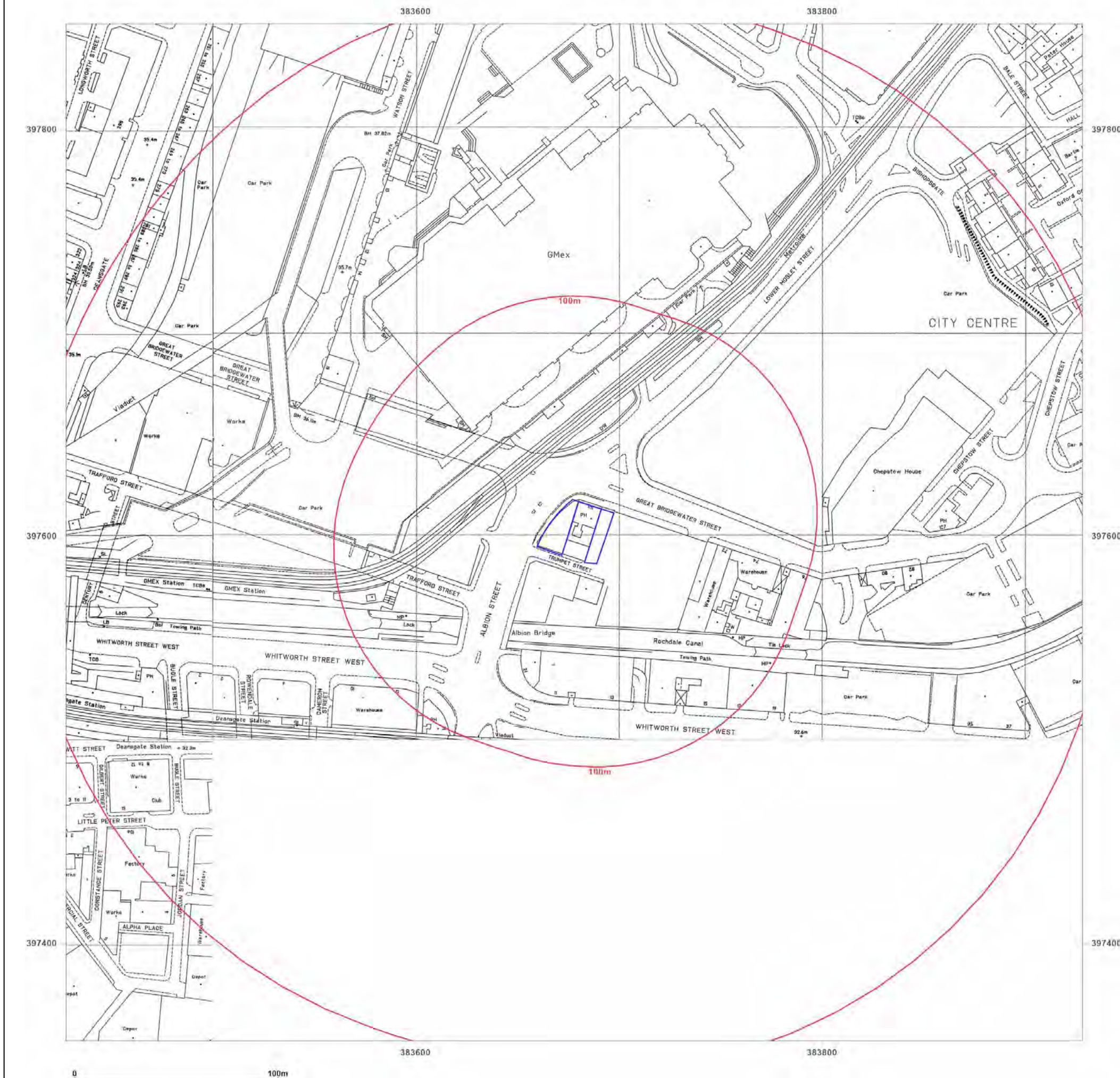


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Site Details:

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397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

Surveyed N/A
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

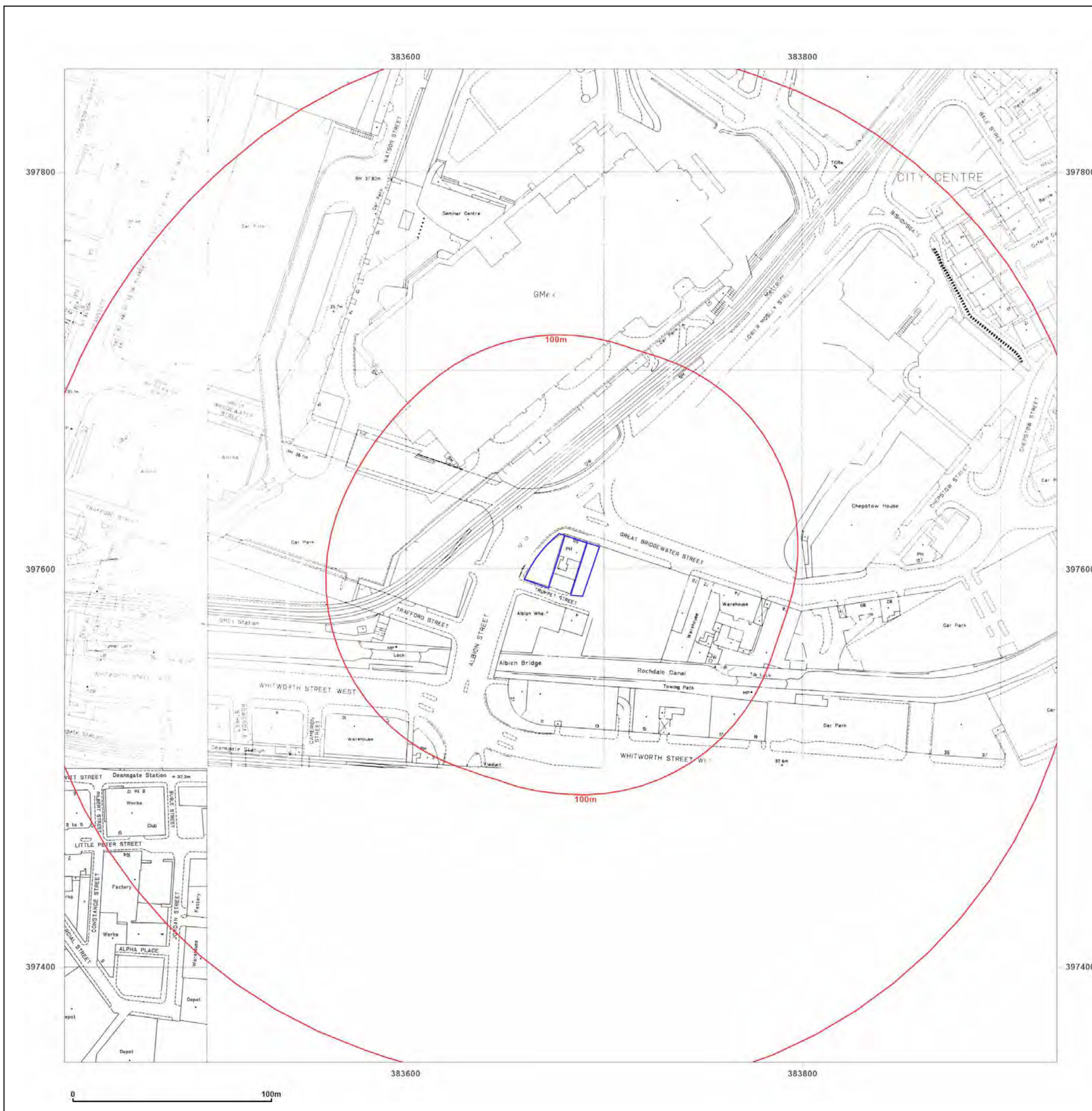


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Site Details:

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397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1995

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1995
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

Surveyed N/A
Revised 1995
Edition N/A
Copyright 1995
Levelled N/A

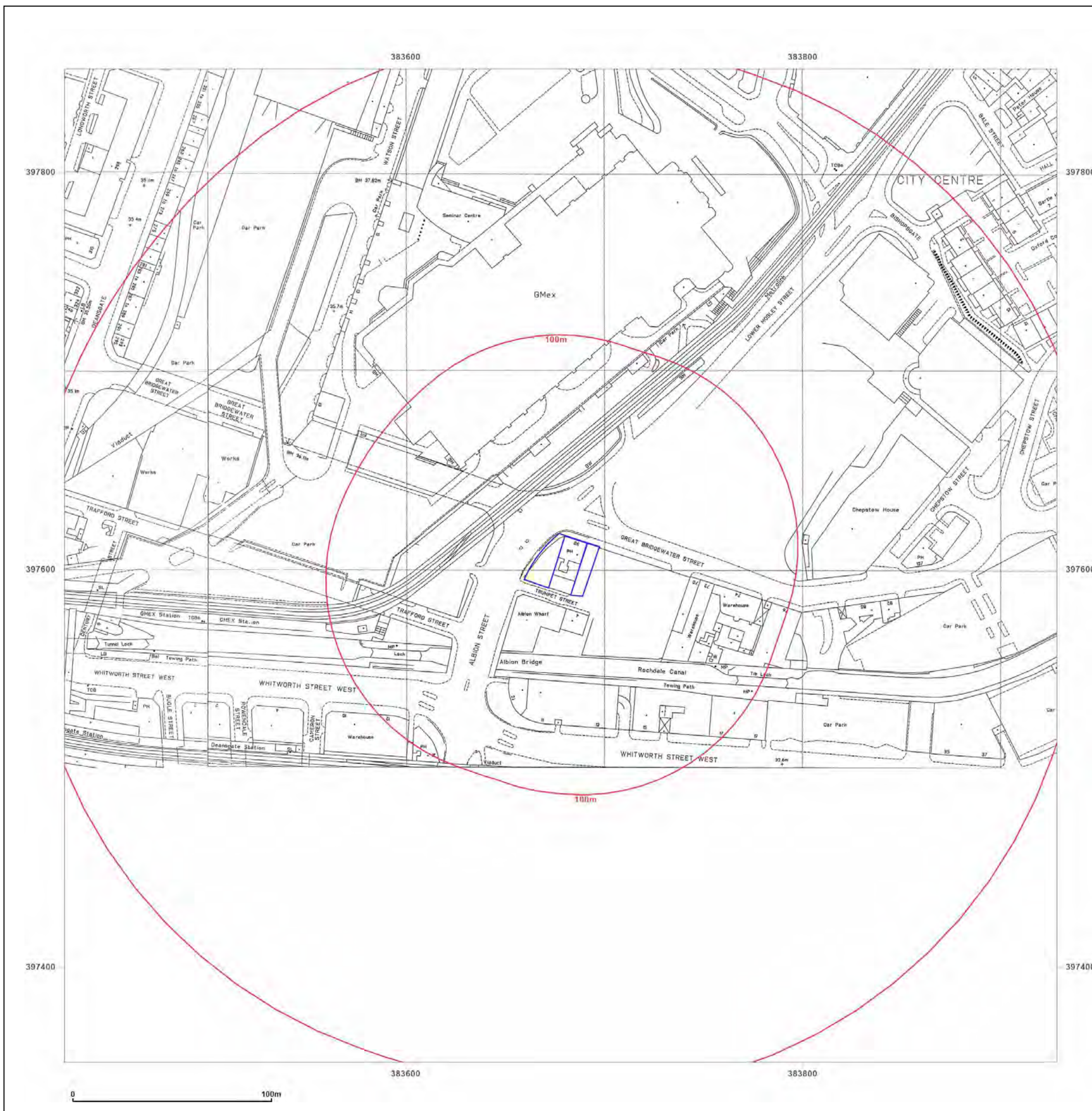


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250

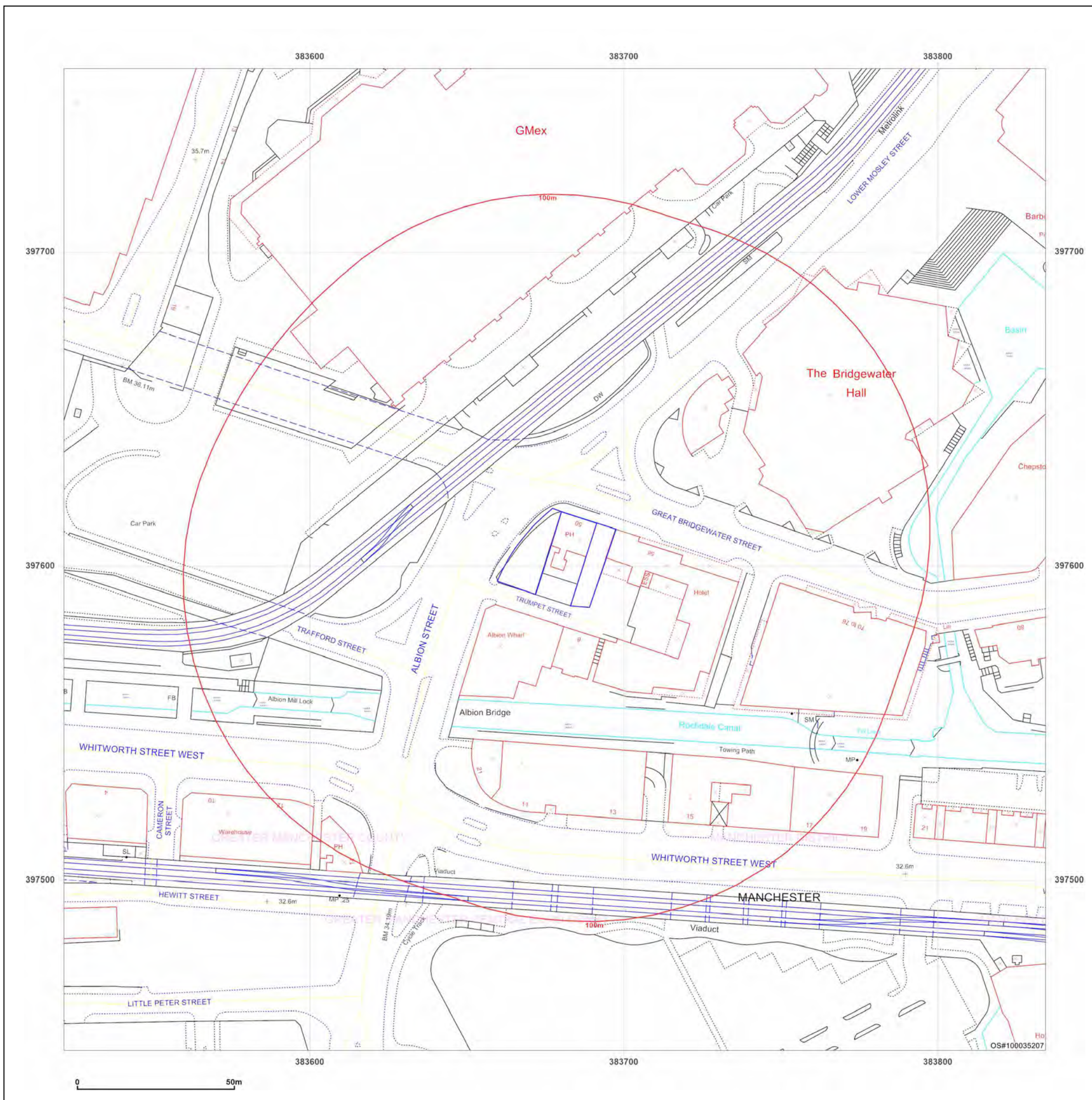


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1848

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1845
Revised N/A
Edition 1848
Copyright N/A
Levelled N/A

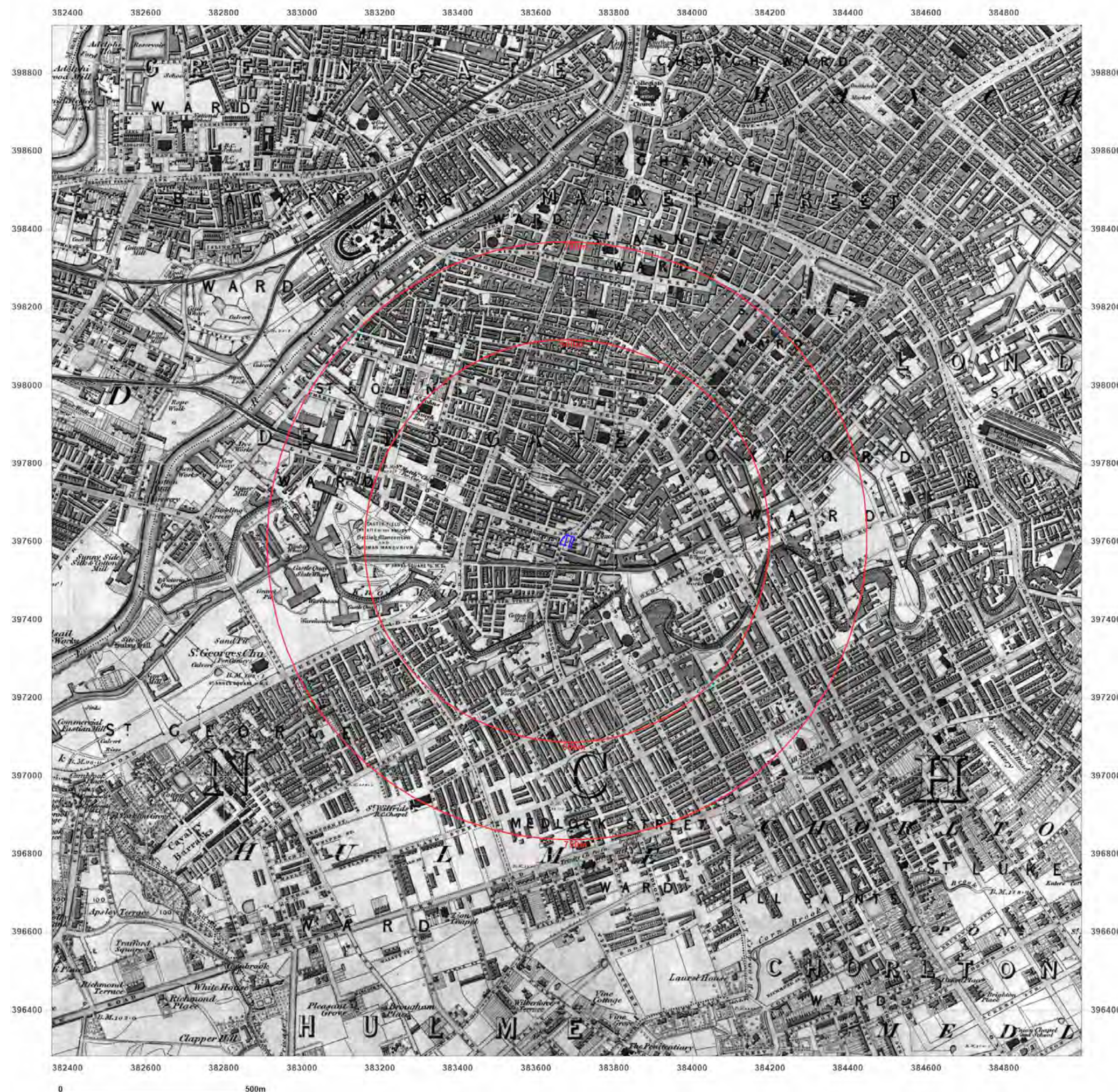


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1891-1896

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1891
Revised 1891
Edition 1891
Copyright N/A
Levelled N/A

Surveyed 1894
Revised 1896
Edition 1896
Copyright N/A
Levelled N/A

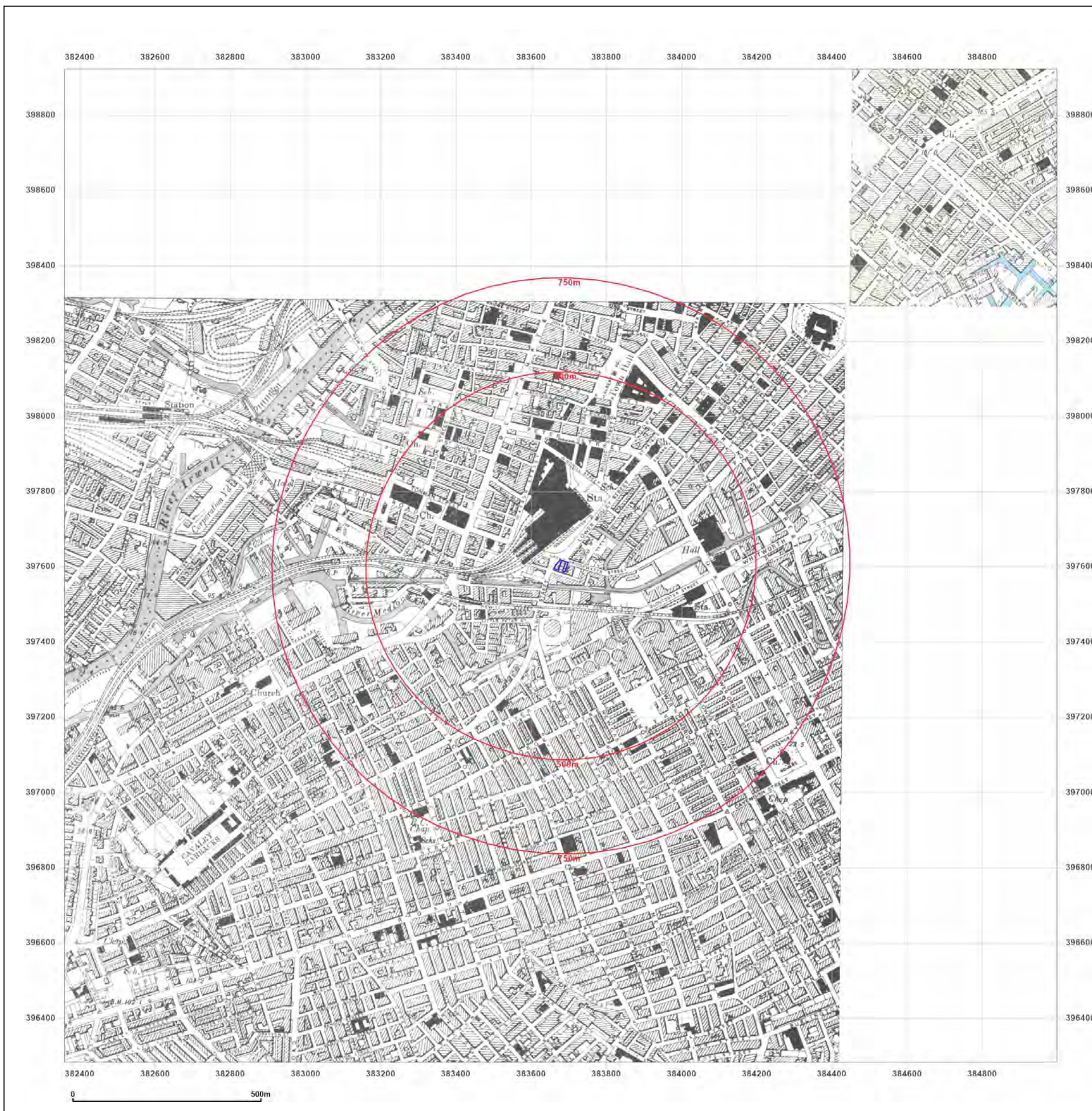


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1905-1906

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1906
Edition 1906
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1906
Edition 1906
Copyright N/A
Levelled N/A

Surveyed 1844
Revised 1905
Edition 1905
Copyright N/A
Levelled N/A

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Revised 1905
Edition 1905
Copyright N/A
Levelled N/A

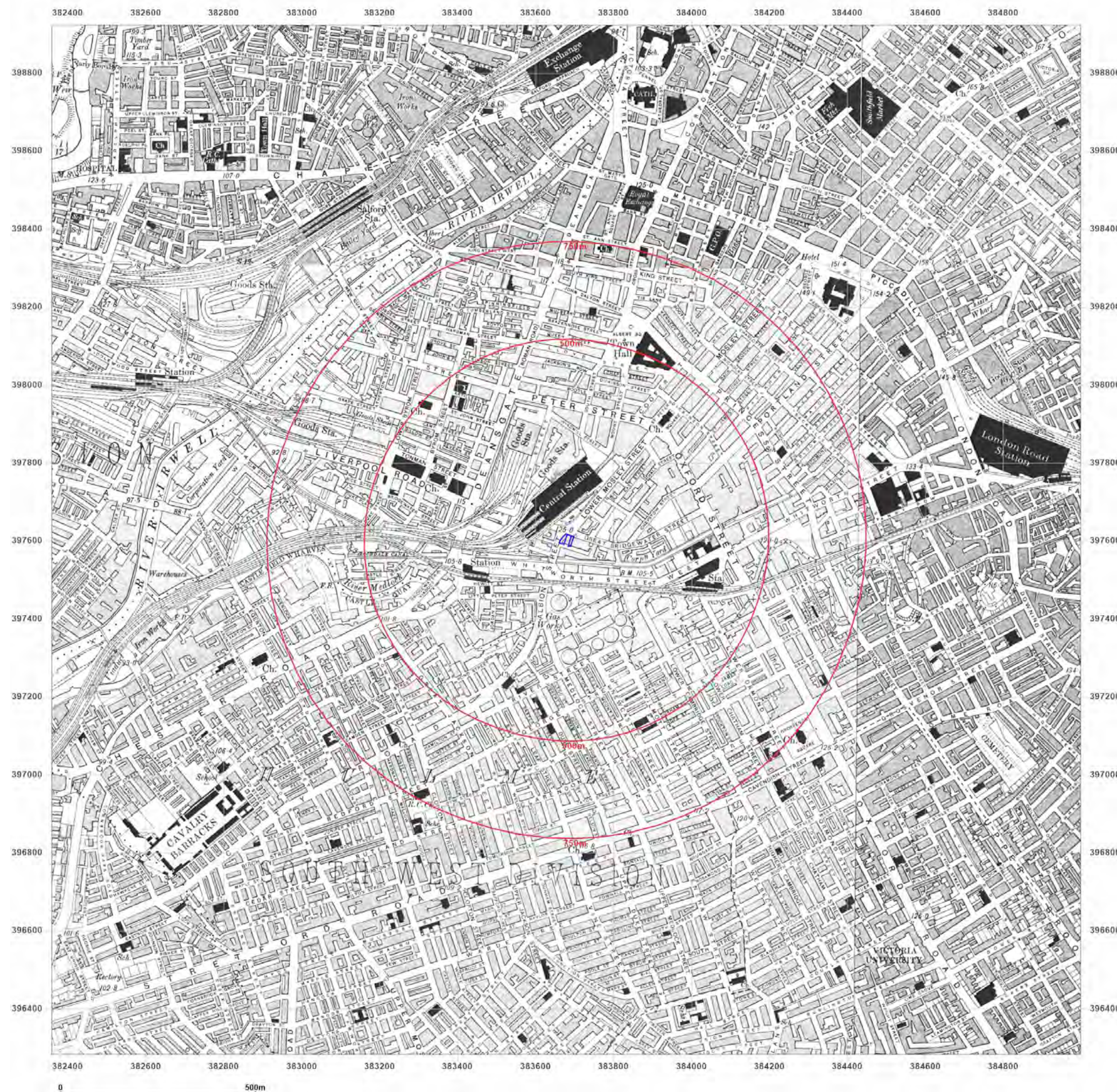


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

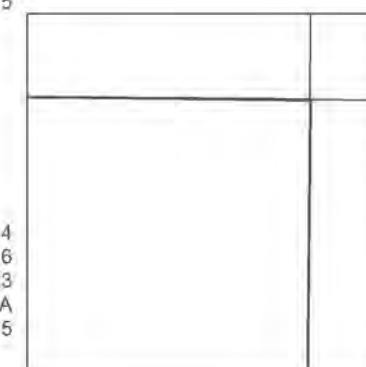
Map date: 1923

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1916
Edition 1923
Copyright N/A
Levelled 1915



Surveyed 1844
Revised 1916
Edition 1923
Copyright N/A
Levelled 1915

Surveyed 1844
Revised 1915
Edition 1923
Copyright N/A
Levelled 1915

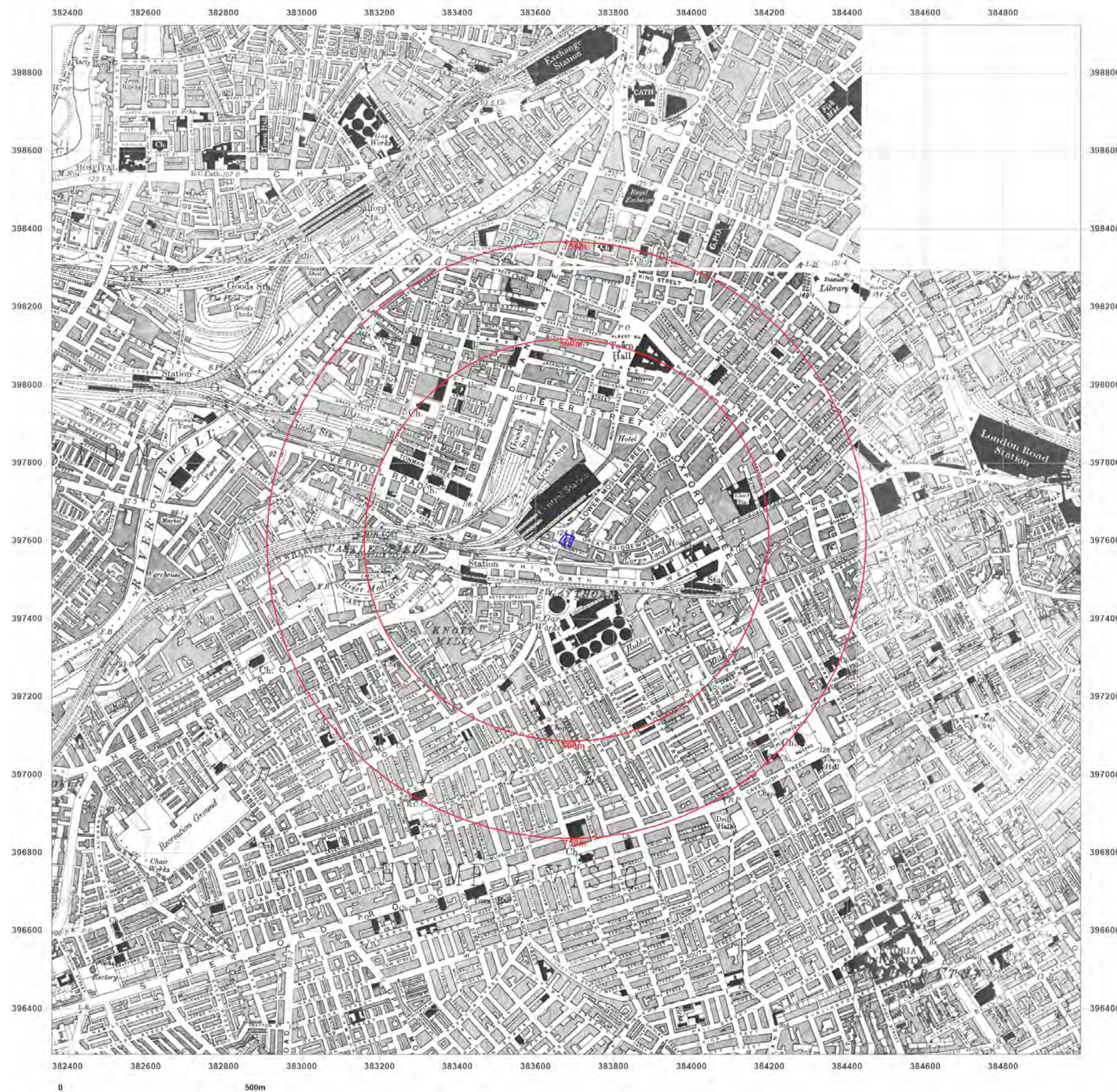


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1923

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1921
Edition 1923
Copyright N/A
Levelled 1906

Surveyed 1844
Revised 1916
Edition 1923
Copyright N/A
Levelled 1915

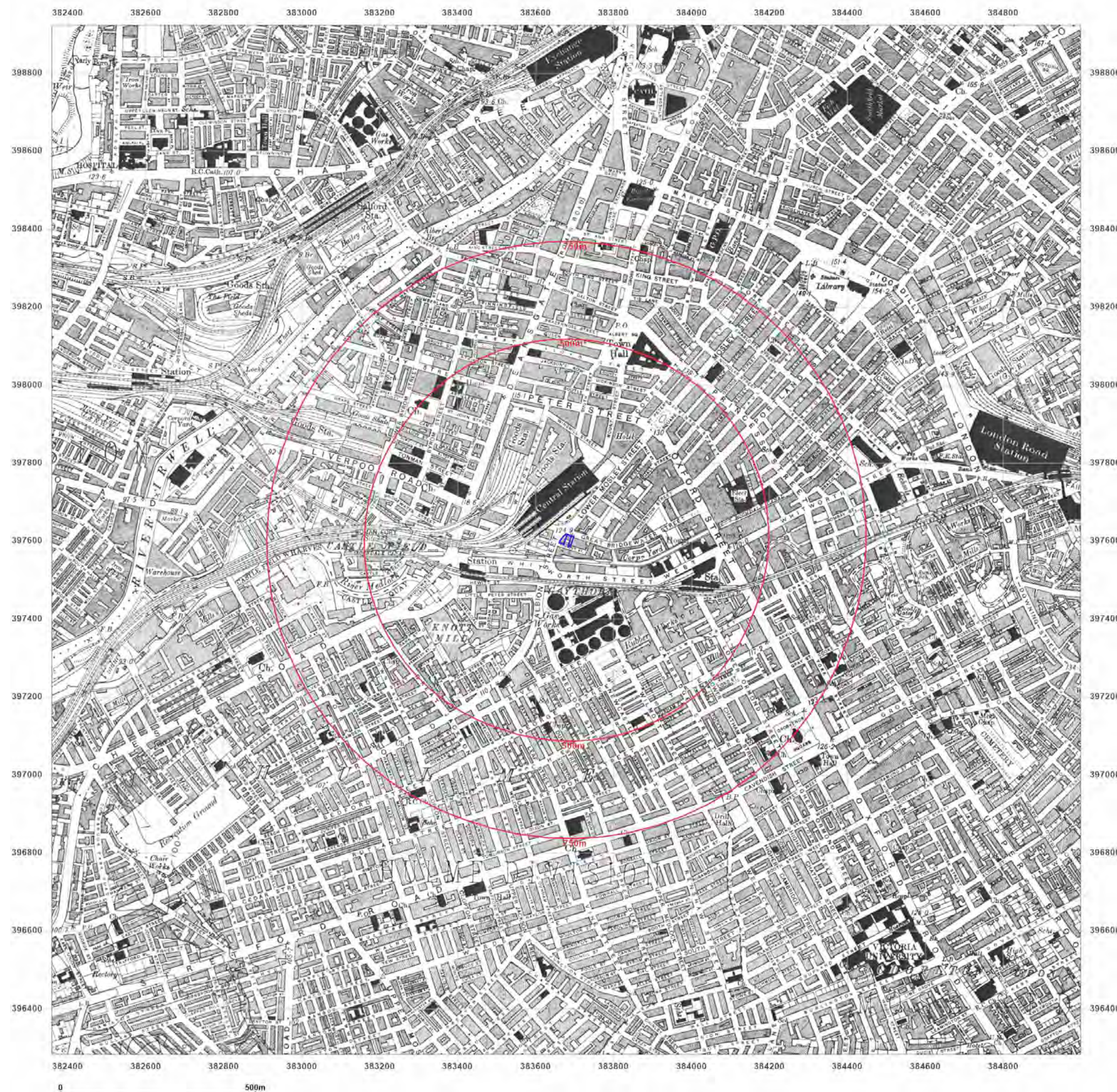


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

Map date: 1931-1934

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1844
Revised 1931
Edition 1931
Copyright N/A
Levelled 1927

Surveyed 1844
Revised 1933
Edition 1933
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Levelled 1927

Surveyed 1844
Revised 1932
Edition 1932
Copyright N/A
Levelled 1927

Surveyed 1844
Revised 1934
Edition 1934
Copyright N/A
Levelled 1927

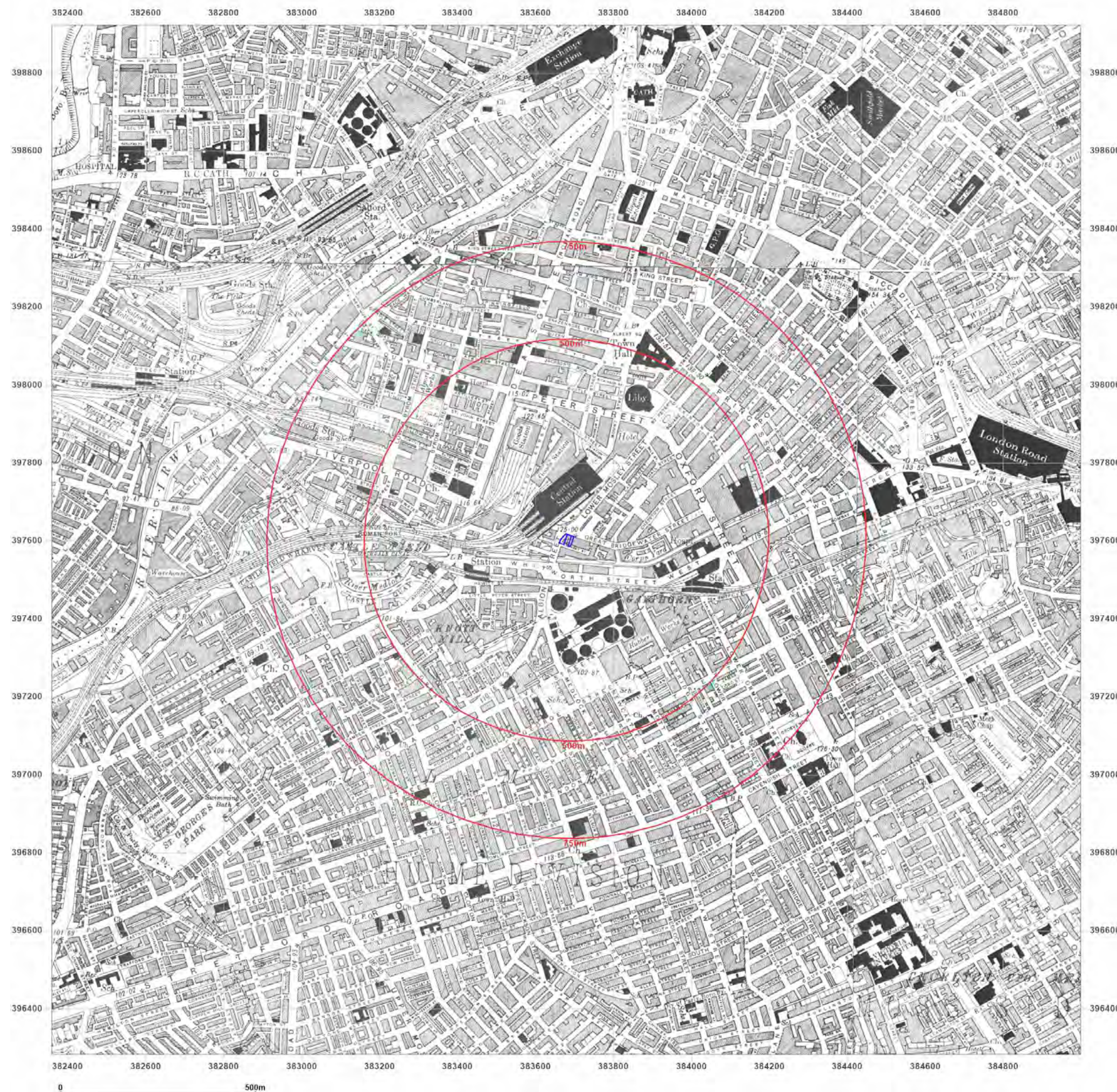


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: County Series

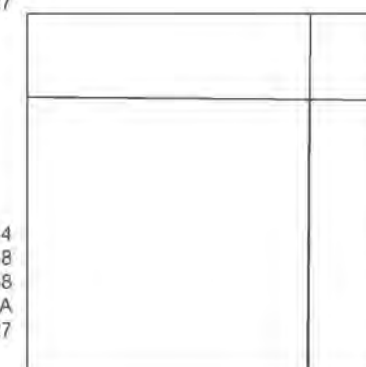
Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1844
Revised 1938
Edition 1938
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Revised 1938
Edition 1938
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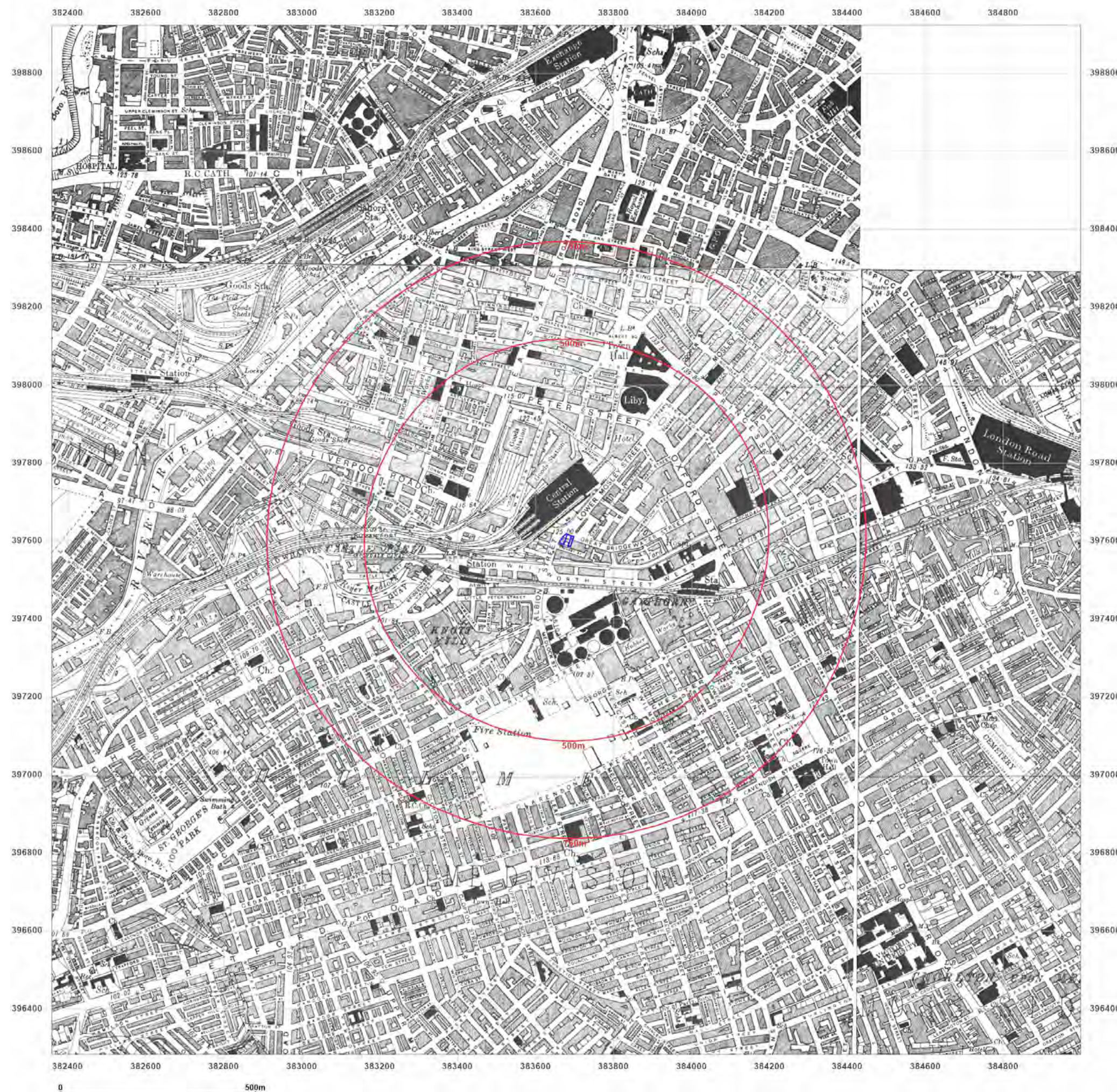


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
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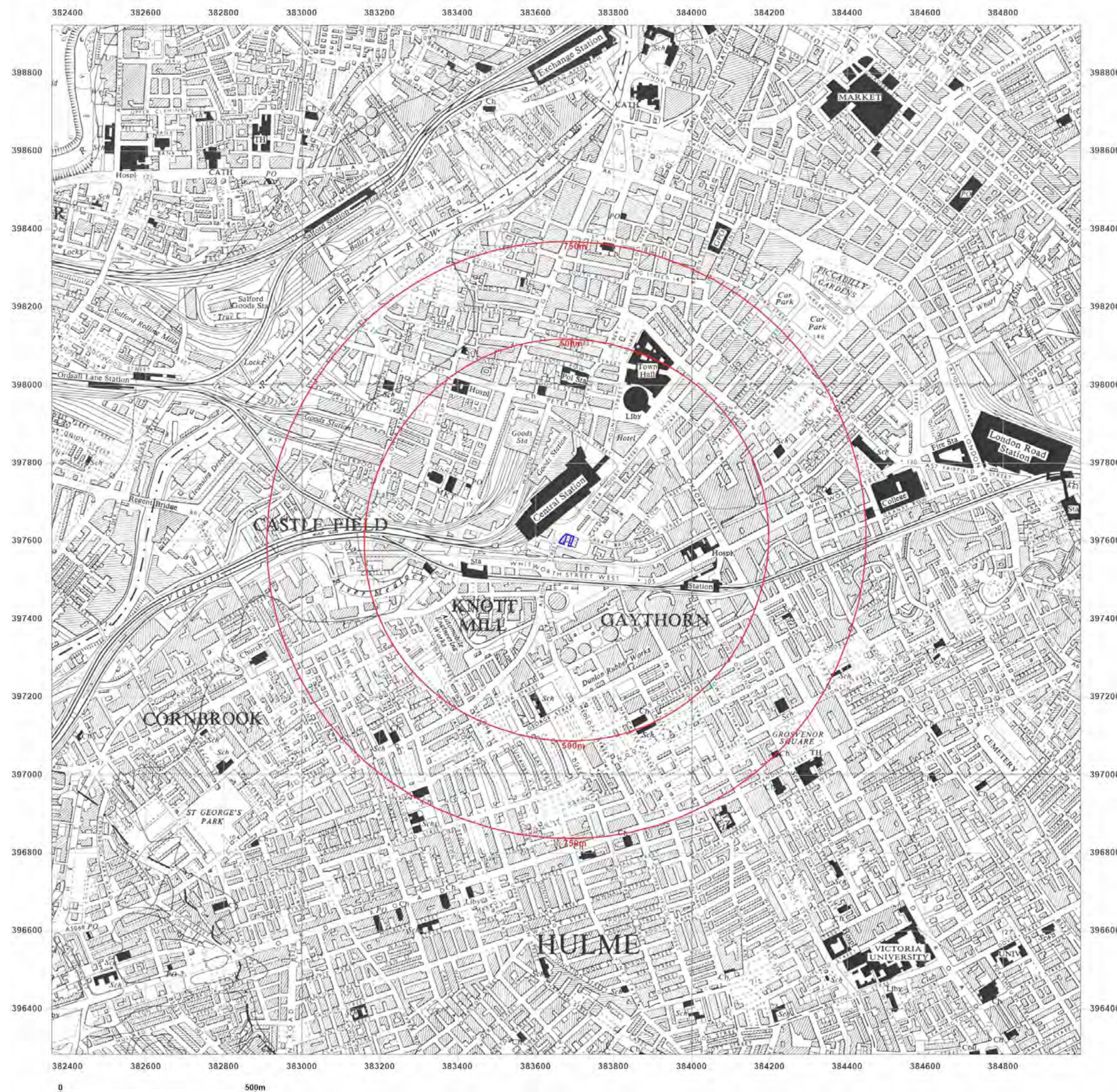


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1972

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
Revised 1972
Edition N/A
Copyright 1972
Levelled 1972

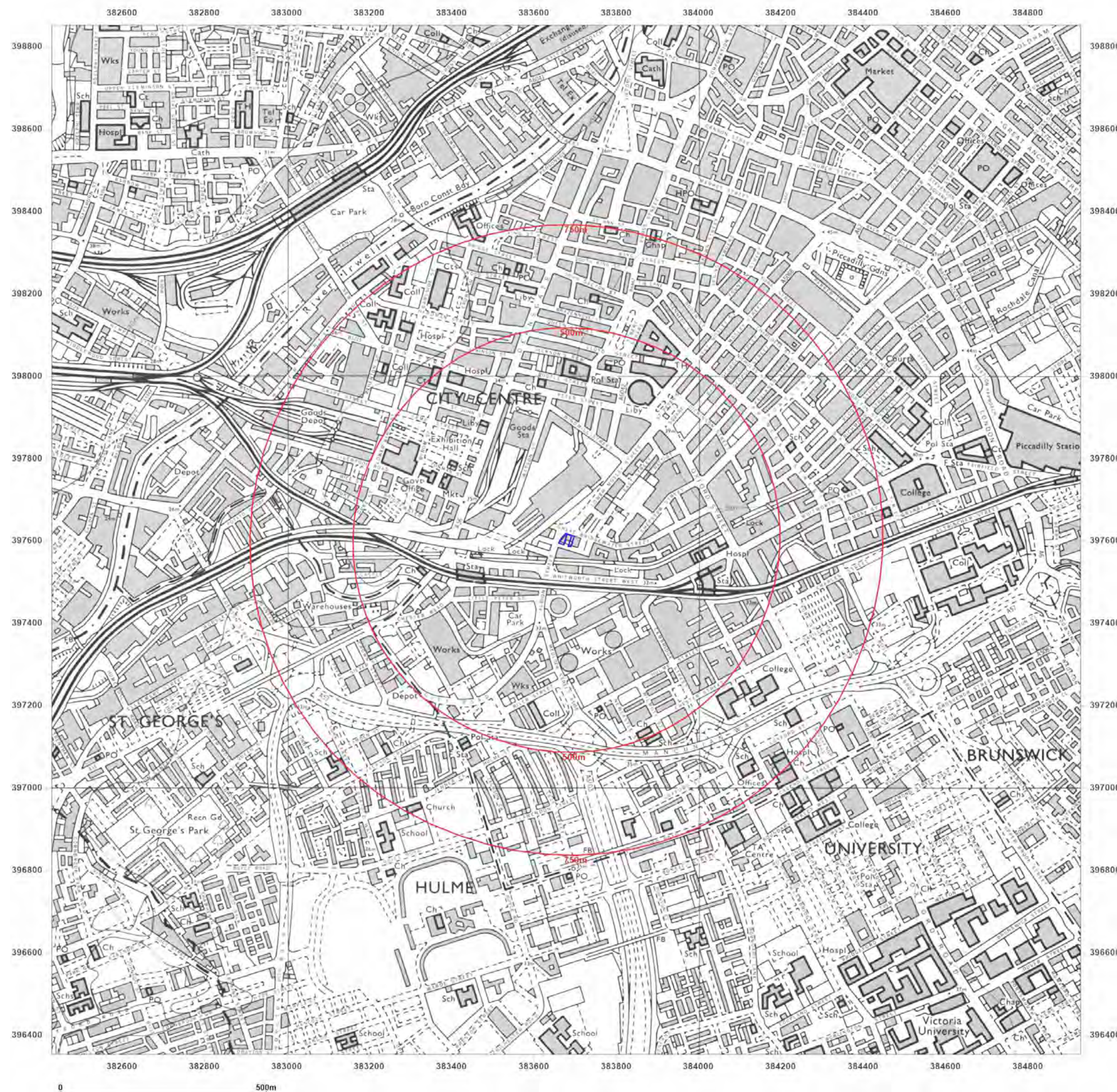


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1980

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1976
Revised 1980
Edition N/A
Copyright 1980
Levelled 1976

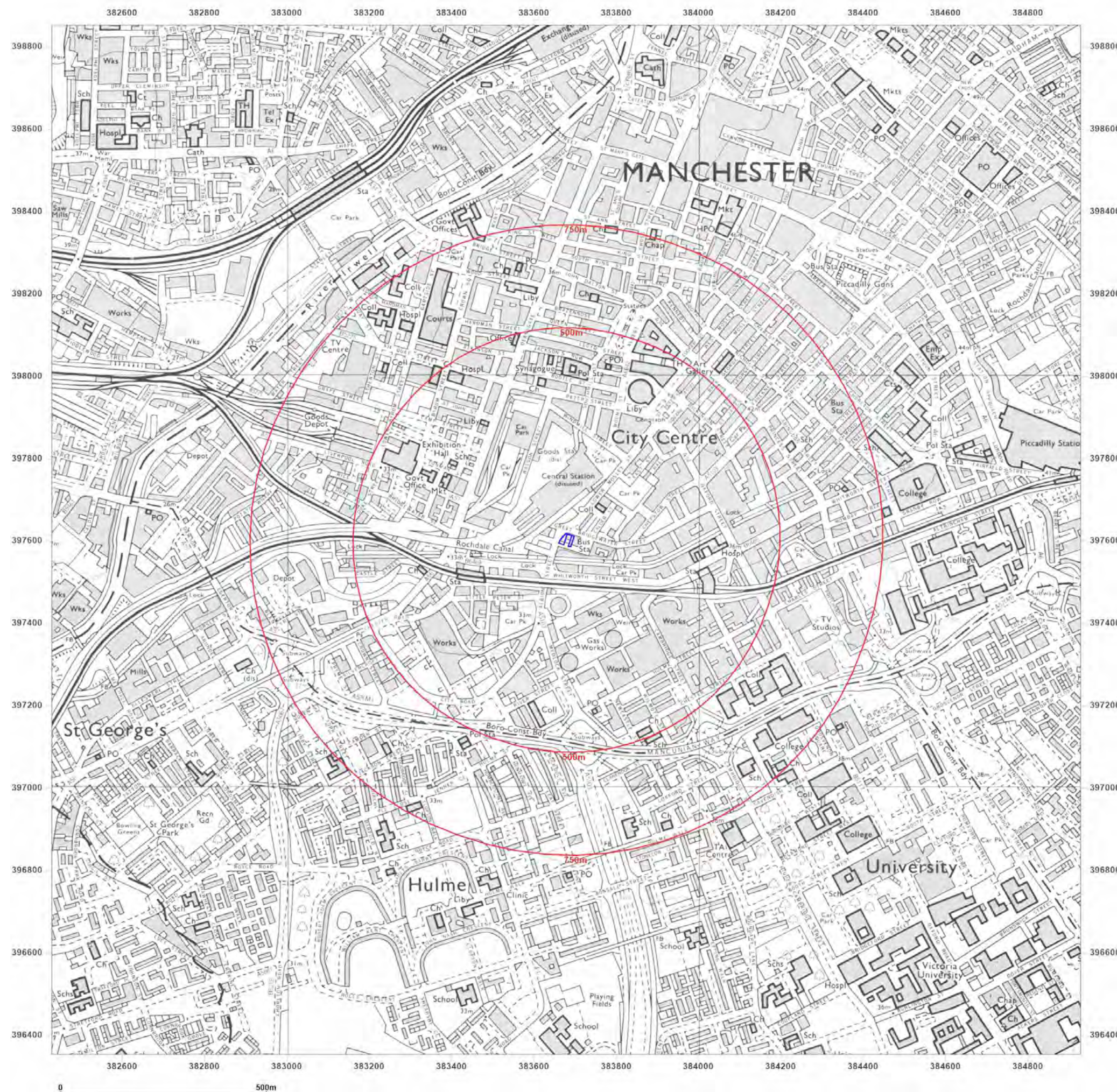


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1985

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1983
Revised 1985
Edition N/A
Copyright 1985
Levelled 1981

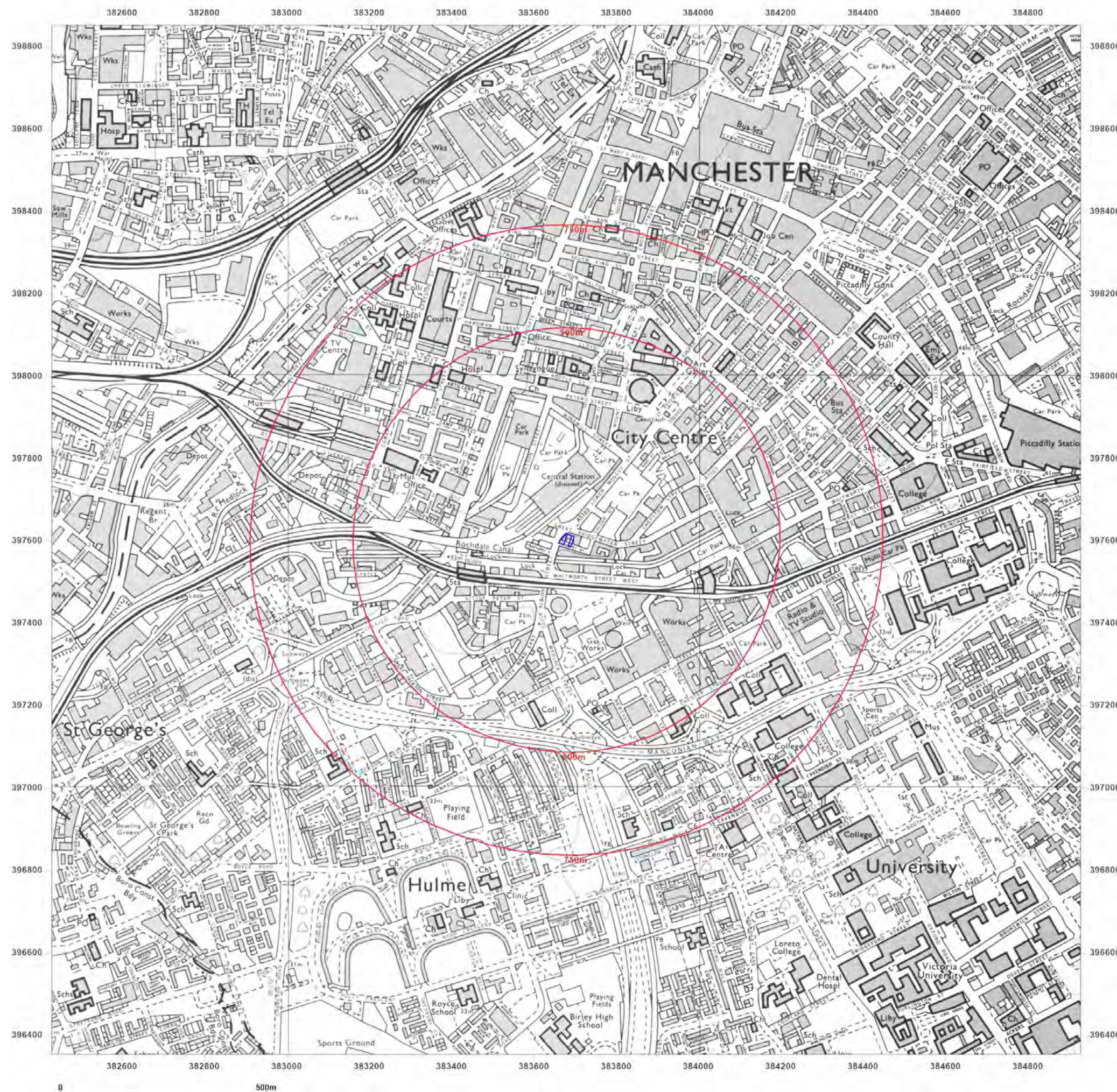


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Site Details:

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397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1988

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1986
Revised 1988
Edition N/A
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Levelled 1981

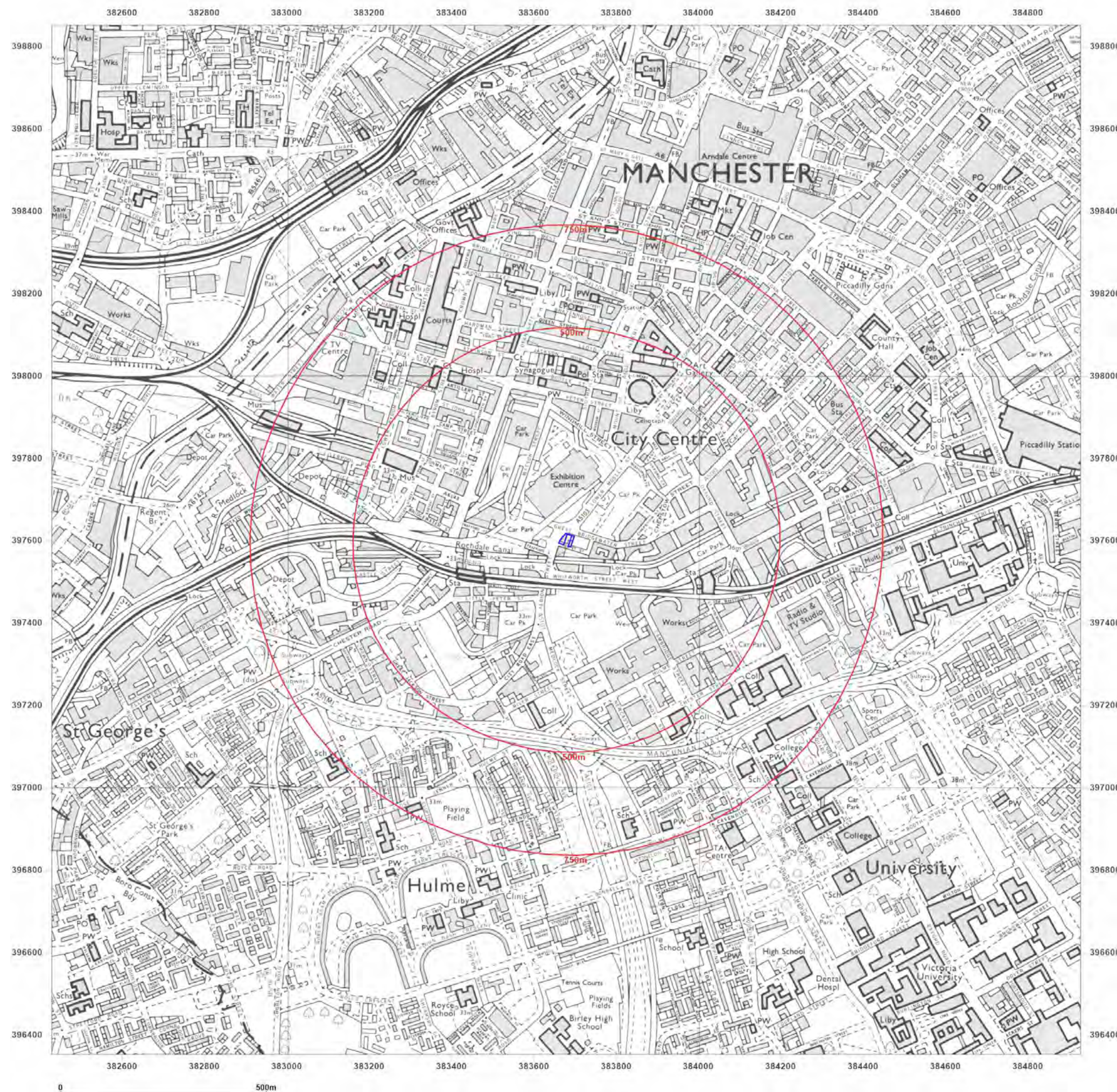


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 1994

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1986
Revised 1994
Edition N/A
Copyright 1994
Levelled 1981

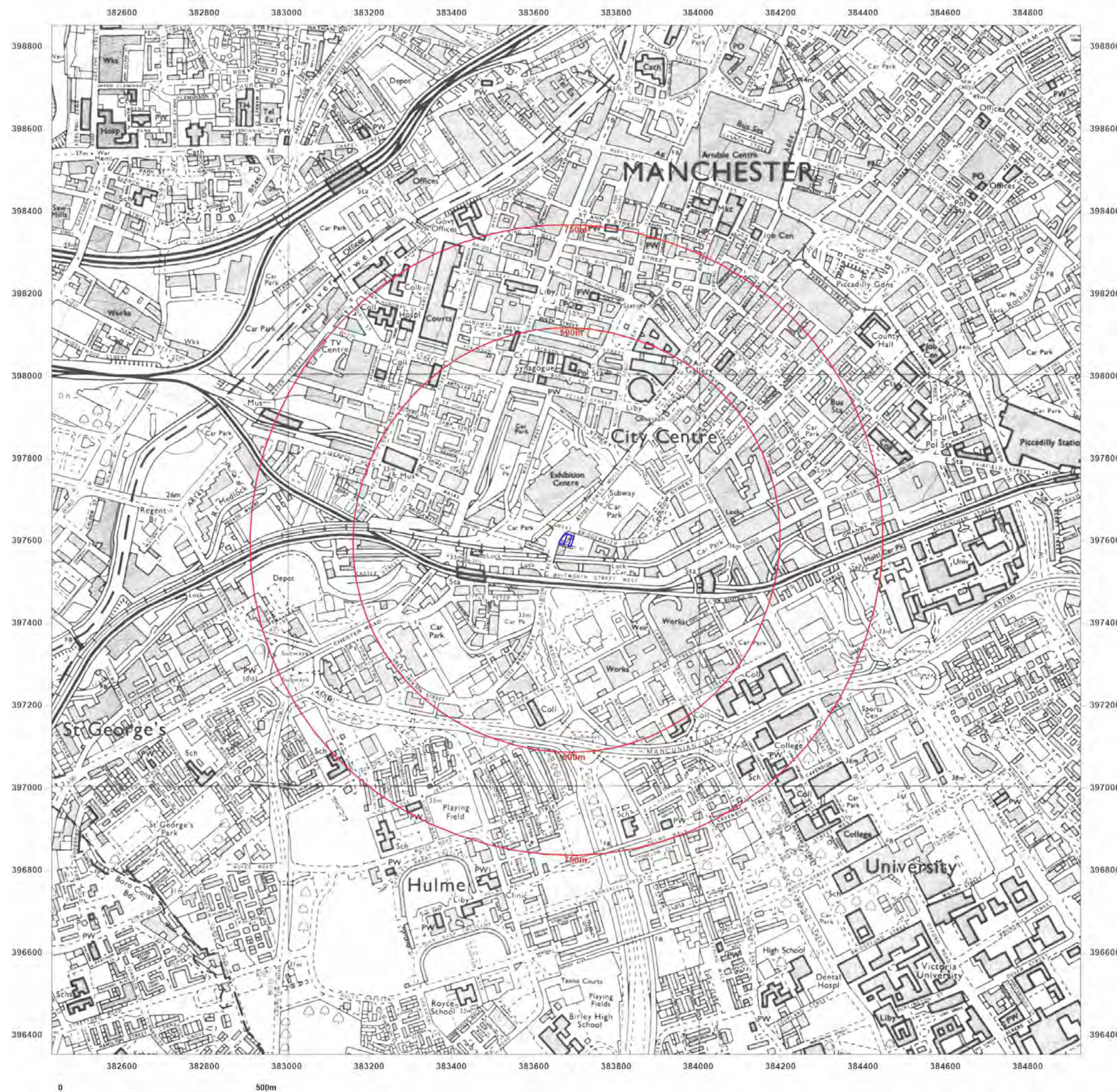


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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



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Site Details:

383671.0158038764,
397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



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Site Details:

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397603.75212307

Client Ref: ARS21_381
Report Ref: GS-8424213
Grid Ref: 383678, 397602

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



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