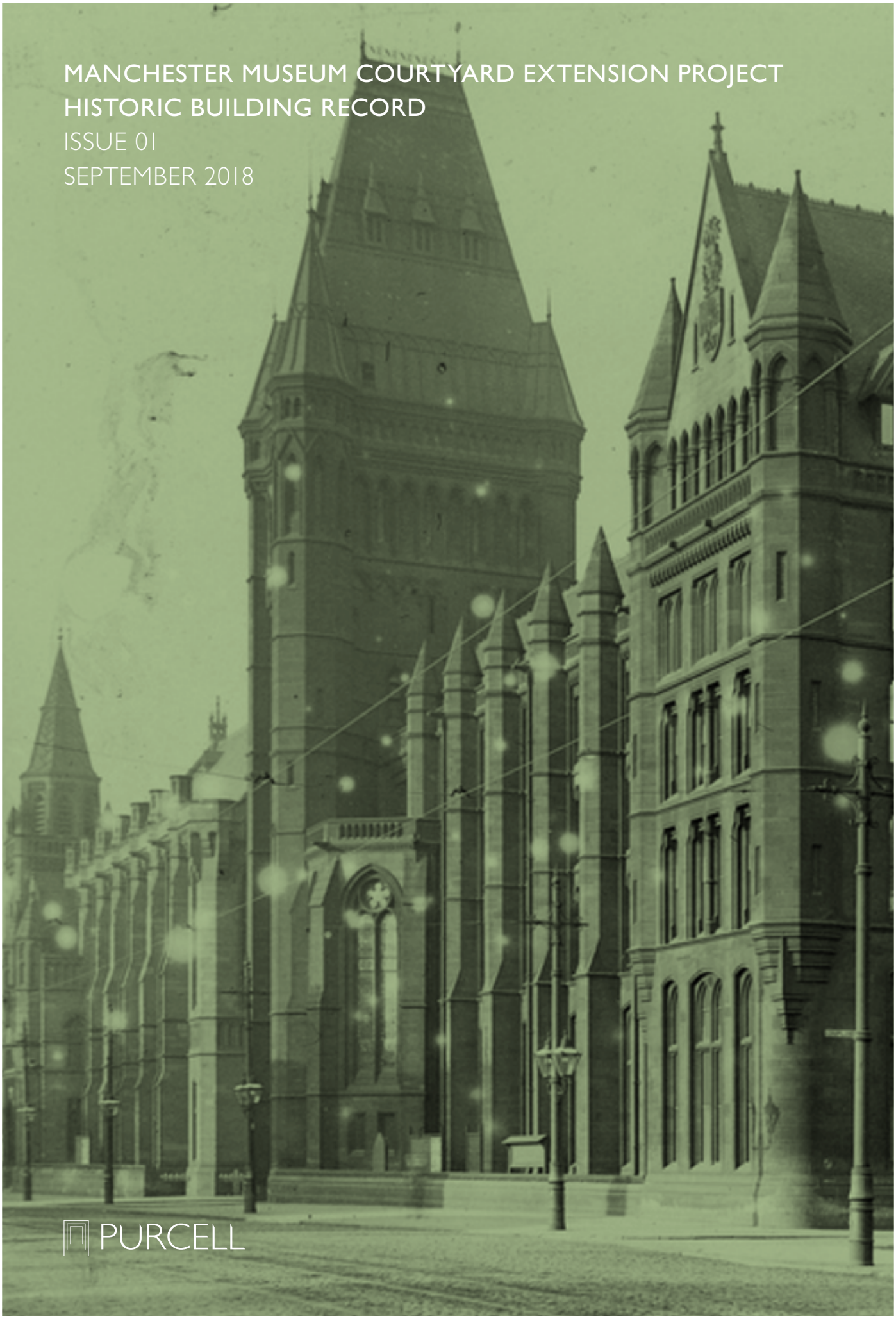
# MANCHESTER MUSEUM COURTYARD EXTENSION PROJECT
# HISTORIC BUILDING RECORD

ISSUE 01

SEPTEMBER 2018



PURCELL

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# MANCHESTER MUSEUM COURTYARD: HISTORIC BUILDING RECORD

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# PROLOGUE
## NON-TECHNICAL SUMMARY

Purcell were commissioned to carry out a scheme of historic building recording of Manchester Museum, University of Manchester, Oxford Road, Manchester. The museum, which is owned and operated by the University of Manchester, is the largest university museum. The museum comprises a collection of linked, Grade II* and Grade II listed buildings constructed at various dates between 1885 and 1927, the most eminent being the first built in 1888 and designed by Alfred Waterhouse.

The scheme of historic building recording was prepared in response to Condition 14 (FULL) and 9 (LBC) of the planning permission granted under 17/00245/FULM 118410/FO/2017 and Listed Building applications 118412/LO/2017, 118413/LO/2017 and 118414/LO/2017 in March 2018, for the construction of a two storey extension to create two new galleries. As part of the proposals minor alterations and refurbishment are proposed to the listed and unlisted structures which make up the museum. These include the relocation of the entrance, shop and reception, the provision of new WCs and alterations to the café prep kitchen. These areas which will be impact by the proposed works will form the focus of the report.

The building record was carried out to Historic England Level 3, and includes a summary historic development of the museum, a descriptive record, plans and photographic record. The project has been recorded on OASIS as Purcell1-329570.

# SECTION 1.0
# INTRODUCTION

## 1.1 PURPOSE OF REPORT

Purcell have been commissioned by The University of Manchester to carry out a scheme of historic building recording of areas affected by a proposed extension and alterations to Manchester Museum, Oxford Road, Manchester.

The site is centred around NGR SJ 84500 96640, also to be referred to as the 'site.'

This report details a scheme of archaeological building recording and accompanies the site archive comprising the photographic record and an existing measured survey.

Planning was approved (with conditions) for the extension of Manchester Museum to provide a new South Asian Gallery and a larger temporary exhibition gallery under 118410/FO/2017 and Listed Building applications 118412/LO/2017, 118413/LO/2017 and 118414/LO/2017 in March 2018.

Condition 14 (FULL) and 9 (LBC) of the approved applications state:

*Before development commences, a comprehensive photographic record of the building (internally and externally) including all areas where physical changes are proposed, prior to and following the proposed strip out works shall be submitted to and approved in writing by the City Council as local planning authority. The completed survey shall then be deposited with the relevant historic record (HER) within a timescale to be agreed in writing with the City Council as local planning authority.*

*Reason - To provide a record of the listed building's appearance and condition before works commence, in accordance with Policies CC9, EN3, SP1 and saved policy DC19.1 and DC20 of the Unitary Development Plan.*

Clarification with Emily Booth of Manchester City Council established that the recording should focus on the areas to be impacted and that, a Level 3 photographic survey was appropriate.

## 1.2 METHODOLOGY

### 1.2.1 Aims

The aim of this programme of recording is to provide a long-term sustainable record of areas subject to demolition or alteration as part of the project to extend the museum and re-orientate the main entrance.

The record aims to;

- Provide an outline history of the development of the site, in order to set its historical context;
- A more detailed analysis of the historical development of the areas subject to change within the present project;
- Record exterior elements of the building which will be lost or altered as part of the planned extension;
- Record interior elements of the building which will be lost or altered as part of the planned extension; and
- Provide an analysis and conclusions.

### 1.2.2 Scope

The scope set out below outlines the work required to meet the criteria of an Historic England Level 3 survey. A Level 3 historic building record is considered appropriate to preserve the form and detail of the building by record prior to the alterations proposed.

A Level 3 survey is described in the Historic England guidance as follows:

*Level 3 is an analytical record, and will comprise an introductory description followed by a systematic account of the building's origins, development and use. The record will include an account of the evidence on which the analysis has been based, allowing the validity of the record to be re-examined in detail. It will also include all drawn and photographic records that may be required to illustrate the building's appearance and structure and to support an historical analysis.*

*The information contained in the record will for the most part have been obtained through an examination of the building itself. The documentary sources used are likely to be those which are most readily accessible, such as historic Ordnance Survey maps, trade directories and other published sources. The record may contain some discussion the building's broader stylistic or historical context and importance.*

Additionally, the Chartered Institute for Archaeologists (ClfA) states that:

'A programme of archaeological building investigation and recording (ABIR) will determine, as far as is reasonably possible, the nature of the archaeological resource associated with a specified building, structure or complex. It will draw on existing records (both archaeological and historical sources) and fieldwork. It will be undertaken using appropriate methods and practices which satisfy the stated aims of the project, and which comply with the Code of conduct, and other relevant regulations and by-laws of ClfA. The programme will result in the production of drawings, an ordered accessible archive and a report.'

It also states that the purpose of building recording is '*to examine a specified building, structure or complex, and its setting, in order to inform*:

*a the formulation of a strategy for the conservation, alteration, demolition, repair or management of a building, or structure, or complex and its setting OR*

*b to seek a better understanding, compile a lasting record, analyse the findings/record, and then disseminate the results.'*

CIfA defines various circumstances under which a programme of ABIR (in the form of an HBR) should take place. For the purposes of this HBR, the following circumstances apply:

a *prior to, during and on completion of works of repair, alteration, management or demolition*

b *as part of the planning process (within the framework of appropriate national guidance including planning policy guidance and associated legislation and/or development plan policy)*

c *in a conservation area, where records of buildings, structures or complexes and their setting (PPG 15 para 2.17; see Appendix 6) may assist the local authority to determine the impact of a given proposal on the character of the conservation area as well as assessing individual buildings and structures of importance…*

d *as the basis for, or in conjunction with, proposals or specifications for work (eg those of an architect, engineer, builder or chartered surveyor) to a building, structure, or complex and its setting*

e *as part of an agreed strategy in mitigation of damage or loss to a building, structure or complex and its setting, including a process of controlled demolition or re-erection.*

### 1.2.3 Exisiting Information and Limitations

This report has used existing research, specifically the Conservation Plan prepared in 2016 by Buttress Architects and the accompanying Gazetteer. The Conservation Plan covers the Waterhouse buildings of 1885, 1912- 3 and 1927, the recent extension constructed as part of the Capital Development Project of 1996-2003, the old Dental Hospital and the Rutherford Building.

This report also makes use of existing reports prepared as part of the present project including the Design and Access Statement (2017) prepared by Purcell Architects and the Archaeological Desk Based Assessment (2017). These documents have helped inform the wider history of the site.

The University hold an extensive collection of plans and documents relating to the site, some of which have been made available for the preparation of the above documents. These have also been consulted during research for this report. Due to a lack of information relating to the Dental Hospital, further enquiries were made to the University Archives and to Manchester City Archives. No historic plans were found which date to before the 1960s which has limited understanding of these areas.

All sources used to inform this report are fully referenced within the bibliography.

### 1.2.4 Site Investigation and Recording

On-site recording took place on 13th September during fair weather conditions. Full access was provided by museum staff. During the site visit, all areas were fully inspected and photographed, although some areas, such as room B.76 and the café prep areas G14 – G17 were used for storage which prevented a full inspection and recording.

### 1.2.5 Photographic Record

A photographic record was made commensurate with the scope of a Level 3 record, as defined in *Understanding Historic Buildings; a guide to good recording practice* (Historic England, 2016). A photographic record was made of the building, so far as it could be on an operational site. Photographic scales have been included where it was deemed appropriate.

A selection of photographs has been used to illustrate this report to provide an overview understanding of the site recorded. The full photographic record is included in the site archive, thumbnail images of which are included at the end of this report.

### 1.2.5 Archive

The project will be offered to the Greater Manchester Historic Environment Record in a format that meets their archiving requirements. The report has been registered with Oasis, with ID: Purcell1-329570. This ID will be referenced on all archive material associated with the project. A copy of the report will be made accessible at the Greater Manchester Historic Environment Record.

The final archive comprises:

- This report;
- A digital photographic record;
- Photographic register of all photographic images; and
- As existing scaled floorplans and elevation drawings

The project archive has been prepared in accordance with the following guidance:

- Historic England, *Management of Research Projects in the Historic Environment*, (2015).
- Historic England, *Understanding Historic Buildings; A guide to good recording practice,* (2016).
- Chartered Institute for Archaeologists, *Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives,* (2014).
- Chartered Institute for Archaeologists, *Standard and guidance for the archaeological investigation and recording of standing buildings or structures,* (2014).

### 1.2.6 Authorship and Acknowledgements

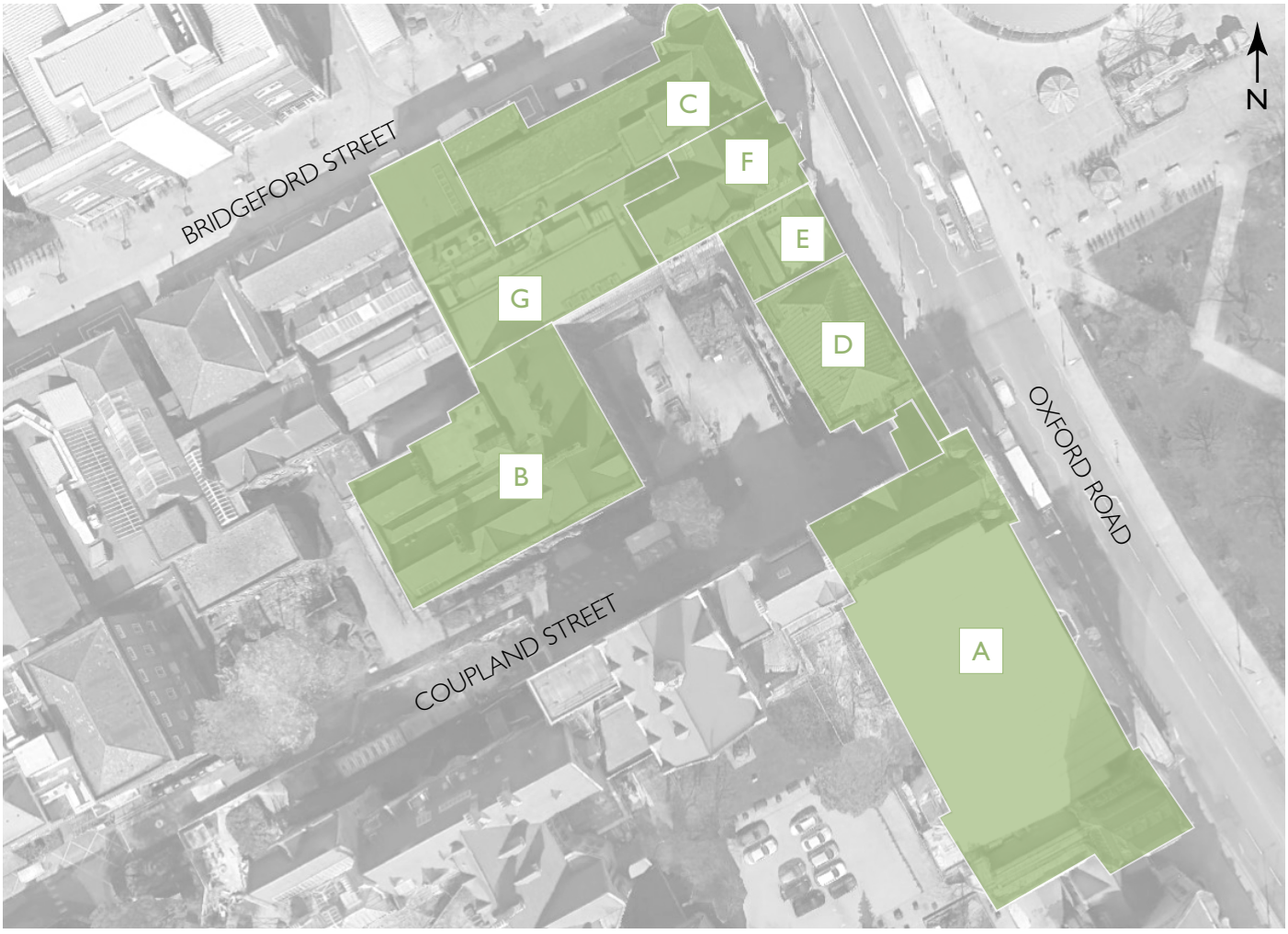
This Historic Building Record has been prepared by Purcell, a firm of architects and heritage consultants specialising in the conservation of the historic environment. This document and the accompanying records have been prepared by Bev Kerr, BA(Hons) (Cantab), MA, Mst (Cantab), ACIfA, Heritage Consultant. Measure drawing were prepared by architects at Purcell.

# SECTION 2.0
## SITE LOCATION AND LAYOUT

The Museum occupies a linked series of listed buildings on Oxford Road, from Bridgeford Street, extending over Coupland Street and onto the University main quadrangle.

The principal buildings were constructed between 1888 and 1927. In 1888 the museum funded its first museum building on Oxford Road, designed by Alfred Waterhouse (A). In 1912 Alfred's son, Paul Waterhouse, designed an extension to the museum, known as the Haworth Building (D) and an annex was added the following year (E). In 1927 the museum was extended once more (F) this time designed by Alfred's grandson, Michael. In 1977 when the museum acquired the premises vacated by the University Department of Metallurgy; this building was designed by Charles Heathcote and Sons in 1908 as the Dental Hospital (C). In 2003 the Museum opened a new entrance building off Coupland Street (G), and the cafe was developed in the former Dental Hospital Building (C ).

The cluster of buildings form a courtyard, and in 2003 a new entrance route to the museum was formed in a contemporary extension. The courtyard is flanked by the Rutherford Building (B). The buildings are University-owned, along with Bridgeford Street and part of Coupland Street.



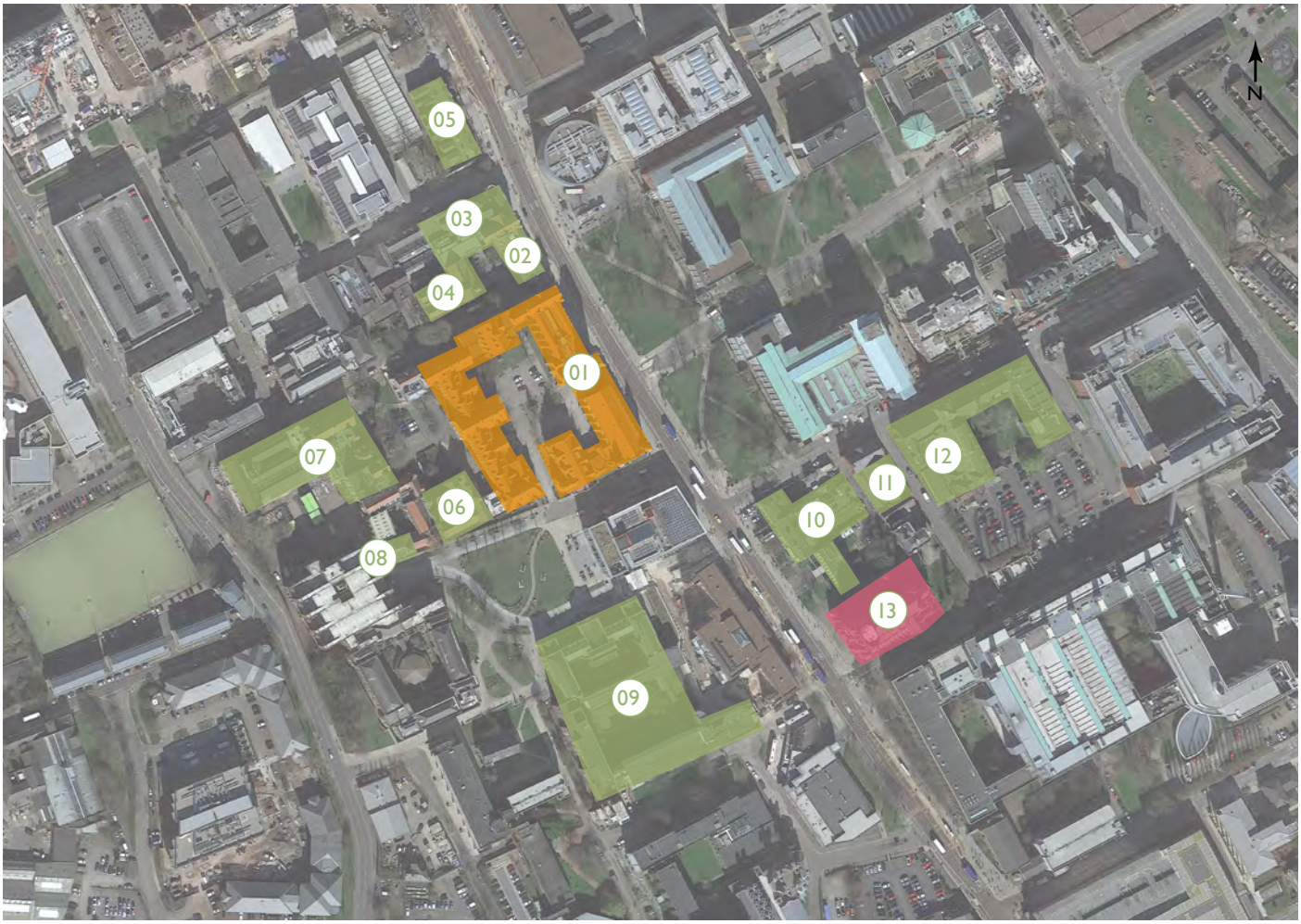

*Site layout. Please note: buildings are listed in the order of their construction*

SITE LAYOUT

- A 1885: Alfred Waterhouse Building
- B 1901:Rutherford Building
- C 1908: Dental School
- D 1912: Haworth Building by Paul Waterhouse
- E 1913: Extension to Haworth Building by Paul Waterhouse
- F 1927: Extension Building by Michael Waterhouse
- G 2003: New Museum Entrance

# SECTION 3.0
## DESIGNATIONS

The site comprises a number of different buildings which are listed Grade II and Grade II*. In addition, there are a of number of listed buildings within the setting of the museum. These are listed and shown on the plan below.




*Base plan © Google Earth 2018.*

DESIGNATIONS PLAN

- Grade I Listed
- Grade II* Listed
- Grade II Listed

01 Victoria University of Manchester including Christie Library, Whitworth Hall, UID 2171428
02 Manchester Museum Extensions (Including Haworth Building), UID 1246283
03 Former Department of Metallurgy, University of Manchester and attached railings (Dental School), UID 1271344
04 Rutherford Building, UID 1402635
05 Waterloo Place, 176-188 Oxford Road, UID 1271457
06 Manchester University Laboratories, UID 1402638
07 Pharmacy Department of Adult Education, University of Manchester, UID 1209002
08 Burlington Rooms (Schunk Laboratories, University of Manchester) and attached railings, UID 1393664
09 Samuel Alexander Building, UID 1393664
10 323-7 Oxford Road, UID 1246282
11 Holy Name Presbytery, UID 1247067
12 Faculty of Economics and Social Studies, University of Manchester, and attached railings, UID 1282977
13 Roman Catholic Church of the Holy Name of Jesus, UID 127296

*this plan is not to scale*

# SECTION 4.0
## HISTORIC DEVELOPMENT

### 4.1 INTRODUCTION

The history of the museum has been comprehensively discussed within the Manchester Museum Conservation Plan (Buttress Architects, 2016). This section does not intent to reproduce this research, but will present a short history of the site, and where necessary, will refer to relevant sections of the document. An analysis of the development of the areas recorded will then be presented.

### 4.2 BRIEF HISTORY OF MANCHESTER MUSEUM

#### 4.2.1 Early History of the Site

During the 18th century, the site of Manchester Museum lay outside of Manchester as part of the estate of Chorlton Hall. The hall and its estate were put up for sale in the 1770s, the latter being described as *'very proper for building upon.'*[01]

Manchester was by the late-eighteenth century an important industrial centre; a major centre for the cotton industry, machine manufacturing and repair, and the chemical industry.[02] Chorlton Hall and its estate were sold to John Dickenson of Manchester, and inherited by William Churchill Dickenson, his nephew. Oxford Road was laid out in 1790 and in 1793 an Act of Parliament authorized Dickenson to let the land on building leases. This kickstarted the rapid development of the area.

The area was a middle-class suburb of Manchester when John Pigot drew up his 'Map of Manchester and Salford with Vicinities' in 1836. It shows the museum site occupied by large detached houses with ornate gardens. Between 1836 and 1845 terraced townhouses can be seen to occupy the site, separated by Exmouth Street.




*Pigot's 1836 Map of Manchester with the site indicated*

01 W Farrer & J Brownbill (eds), 1911, 'Townships: Chorlton-upon-Medlock', in ***A History of the County of Lancaster: Volume 4***, ed., pp. 251-254Ibid, footnote 23

02 Buttress, 2016, Manchester Museum Conservation Management Plan, p 18

### 4.2.2 A Short History of Manchester Museum

The origins of the Manchester Museum can be traced back to 1821 when a small group of enthusiasts grouped together to purchase the extensive collection of the recently deceased textile manufacturer John Leigh Philips. Philips's 'cabinet' formed the basis of the Manchester Natural History Society's collection, which was housed in a museum on Peter Street from 1835. In 1850 the collection was expanded with the addition of objects from the Manchester Geological Society.

Continued growth saw the collection outgrow its Peter Street premises, which the two societies were financially struggling to maintain. With persuasion from the evolutionary biologist Thomas Huxley, the decision was made in the late 1860s to transfer responsibility of the collection to the new Owen's College, later to become the University of Manchester.

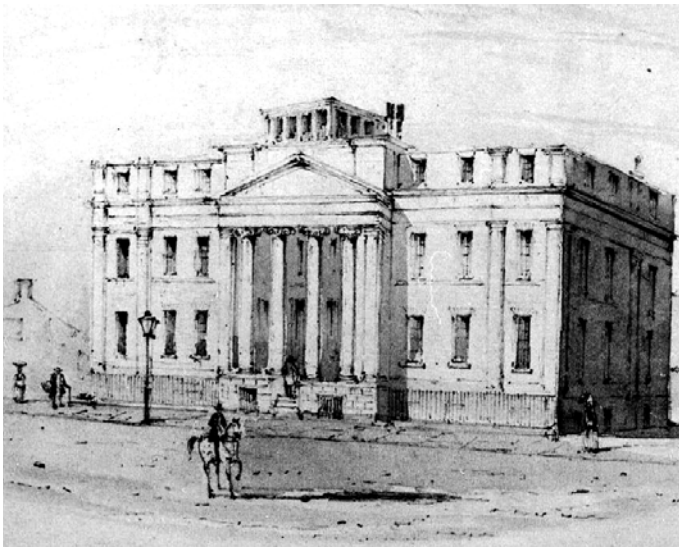
Following its relocation to its new campus off Oxford Road in 1873, Owen's College commissioned architect Alfred Waterhouse to design a new museum for the college's collection. Waterhouse had recently finished his plans for the Natural History Museum in London and had also designed Manchester Town Hall. The new museum building was to be located in front of the college's new premises, which had been constructed to Waterhouse's designs two years previously. On November 29th, 1882, a public meeting was held in the Town Hall to launch a subscription for the new college buildings and construction work began the following year. Residential housing was cleared to make way for the extension.

The new building (frequently referred to as the 1885 Building) was constructed adjoining the Beyer Building, home of the geology, zoology and botany collections. The new building incorporated the museum, council rooms and an imposing entrance tower. The ground floor housed a large geological room and the mineralogical and petrological collections, curated by William Boyd Dawkins. A grand staircase led up to the first floor, where there was a large hall with two galleries, with the upper part of the building in use as stores and offices.

Photographs contained in the book *Owen's College: Its Foundation and Growth* show the ground floor and first floor shortly after opening.

The new museum, renamed Manchester Museum, was opened to the public in 1889. The museum was well-visited by people from all walks of life, including students and staff from the College, a drawing from around this time depicts a street scene in front of the newly opened museum.

The 1893 25" Ordnance Survey map of Lancashire surveyed in 1888-1889 shows Waterhouses's new museum building as part of the Owen's College site. Despite the name shown on the plan Owen's College had received university status in 1880 as Victoria University of Manchester.



*Peter Street Natural History Museum*



*The ground floor of Manchester Museum in 1900 (Thompson, p.120)*



*The First Floor of Manchester Museum in 1900 (Thompson, p.125)*



*Depiction of the 1885 building shortly after opening*



*The 1885 Waterhouse building shown from Oxford Road with terraced housing to the right of the image.*




*1889 Ordnance Survey Map (published 1893) showing Waterhouse's new museum to the south and residential terraces known as Exmouth Terrace to the north of Coupland Street*

The museum's collections continued to grow, aided by donations from local collectors. One such enthusiast was yarn merchant Jesse Howarth, who supported excavations in Egypt, donating his finds to the Manchester Museum. The university's success is also demonstrated by its continued expansion. At the turn of the century the university occupied a block of land constrained by Coupland Street to the north, Oxford Road to the east, Lloyd Street to the west and Burlington Street to the south. However, the university acquired additional land on the opposite side of Coupland Street and the development of the gardens and terraced houses began with the construction of the Rutherford Building in 1898. The buildings which formed the university's physics laboratories, designed by James William Beaumont, with the interior arrangements organised by Professor Arthur Schuster, were opened in 1901.

Further change was to take place in the setting of the university with the construction in 1908 of the Dental Hospital. The rectangular building defined the north corner of the block of buildings and was designed by Charles Heathcote and Sons, in the Edwardian Baroque style.

Expansion of the museum took place again, this time in 1911-12 with the design and construction of the Haworth Building by Paul Waterhouse, adjacent to the original 1885 museum building designed by his father. The building was similar to the earlier museum buildings but was set over four storeys with a basement and connected to it by a bridge over Coupland Street.



*Photograph taken from Oxford Road of the 1885 Waterhouse building, the Haworth Building and its bridge over Coupland Street, and the 1913 extension.*




*Ordnance Survey map published 1922 shows the addition of the Haworth Building and its 1913 extension enclosing the eastern boundary of the site. At this time, the last remaining terraced house was still standing.*

This was followed soon after in 1913, with Paul Waterhouse's small extension to the north of the building to house the Egyptian and ethnological collections. Three storeys high, it also has a basement and is the same height as the Haworth Building's bridge. The Haworth Building and its 1913 extension replaced all but one of the terraced houses which had occupied the site. The single house was still shown as standing on the Ordnance Survey map of 1915-1916 and published 1922.

The last remaining house within the terrace was finally removed when a further extension was added in 1927, between the 1913 extension, and the Dental Hospital. Designed by Paul Waterhouse, the construction was overseen by Michael Waterhouse, Paul Waterhouse's son. The addition was intended to house the ethnographic collection which had continued to grow and was six storeys above a basement. When constructed it was the main entrance to the museum.




*Ordnance Survey map published in 1935, but surveyed 1933, shows the 1927 museum extension*

Further changes were to take place within the site during the twentieth century. The Ordnance Survey map of 1952-1961 shows extensions against the north-east elevation of the Rutherford Building, extending into the museum courtyard. The presence of a three-storey extension is confirmed by photographs taken in the later twentieth century.





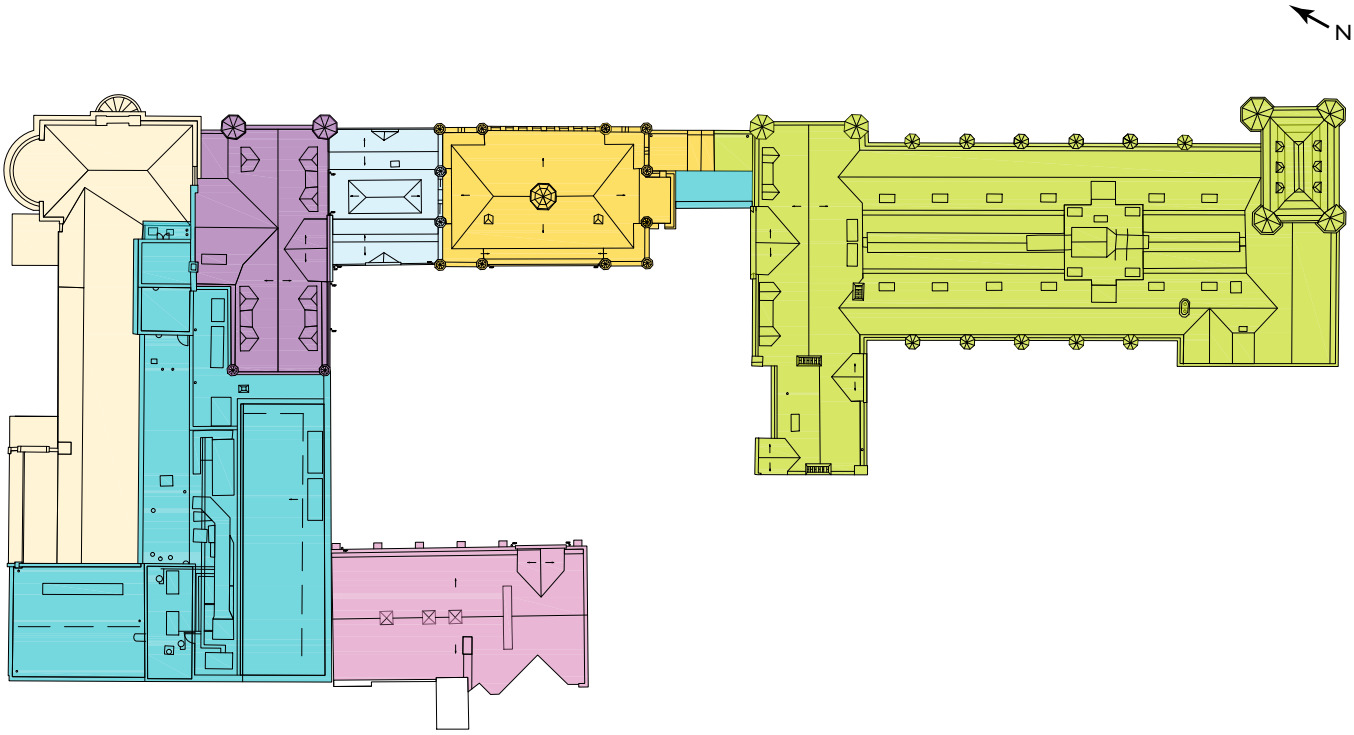
*The Rutherford Building extension which stood within the site during the latter half of the twentieth century*

# HISTORIC DEVELOPMENT

In 1977 the museum acquired the Dental Hospital to the north of the 1913 extension. Formerly used by the Department of Metallurgy, it provided additional gallery and office space. This development was one part of a large-scale refurbishment of the museum as part of a Capital Development Project (1996-2003). Ian Simpson Associates were appointed to design a new double-height museum entrance, shop and temporary exhibition gallery which include a reorientation of the entrance into the rear courtyard and refurbishment of the courtyard space. Extensions which were attached to the Rutherford Building were removed and the area extensively refurbished.



*The site during the demolition of the Rutherford extension prior to the construction of the new museum entrance by Ian Simpson Associates*




HISTORICAL DEVELOPMENT SITE PLAN

- 1885 Waterhouse Building, Graded II*, Listing: 1271428
- 1901 Rutherford Building, Graded II, Listing: 1402635
- 1908 Dental School, Graded II, Listing: 1271344
- 1912 Haworth Building with 1st floor Link Bridge, Graded II, Listing: 1246283
- 1913 Extension Building, Graded II, Listing: 1246283
- 1927 Building, Graded II, Listing 1246283
- 2003 Infill Building and Link Bridge Extension first floor.
- University of Manchester Buildings

*This plan is not to scale*

### 4.2.3 Haworth Building – basement plan form

In 1911 Waterhouse drew up plans for an extension to the museum. A contemporary description says the 'The basement, a well-lighted floor, will contain various lecture-rooms and private rooms and spacious storage. Adjoining the staircase will be the necessary accommodation for the Curator, &c.'[03]

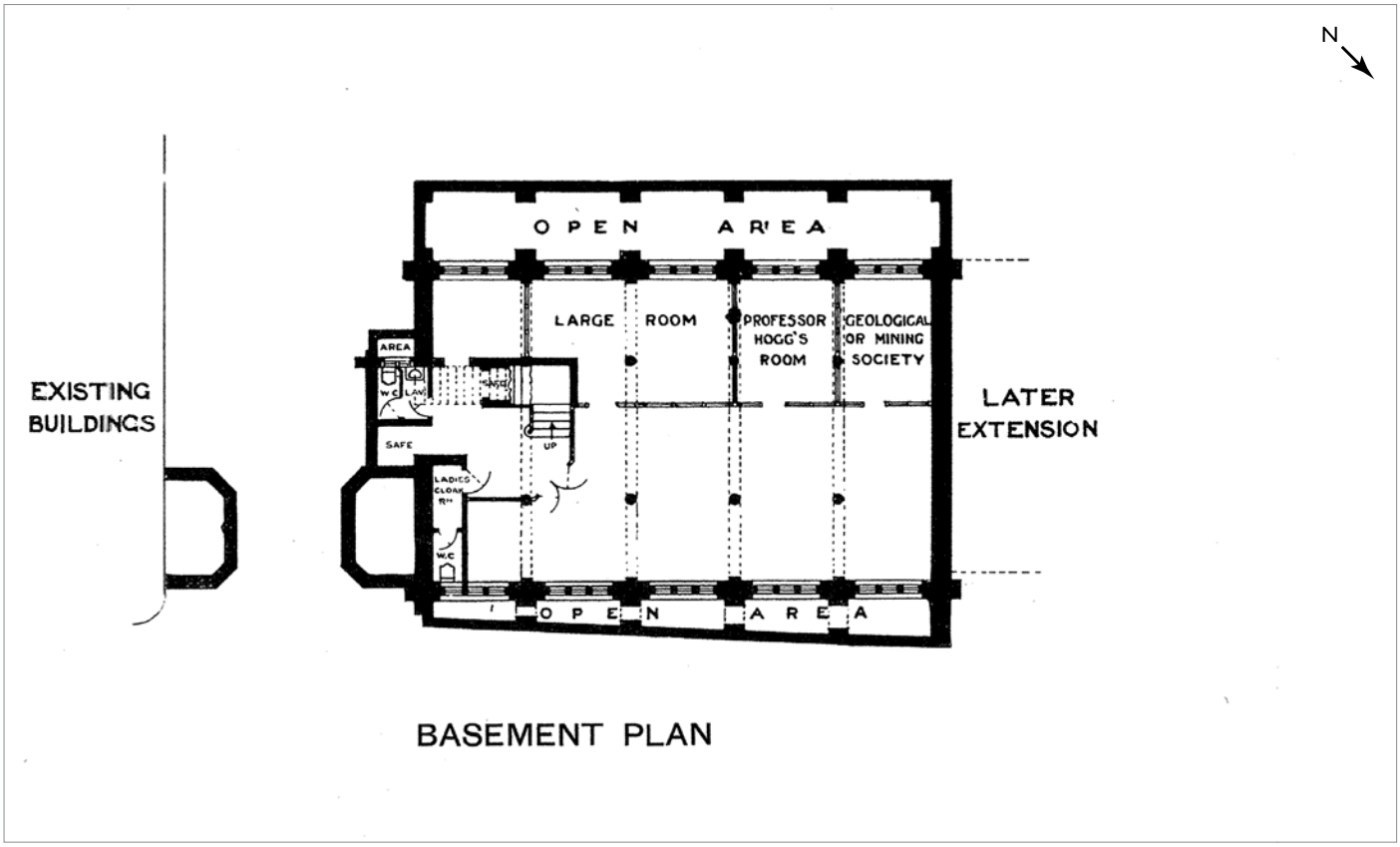
The plan of 1911 from the University of Manchester Archives shows the space laid out as follows:

- An unnamed room of a single bay
- The 'Large Room' of two bays,
- Professor Hogg's Room, of one bay; and
- The Geological or Mining Society's room of one bay.

The latter three rooms now form the education room (B.77). Most of these rooms apart from the store B.78b, opened into a large room whose lightwell faced onto Oxford Road, and was most probably the lecture room referred to. The small unnamed room was originally accessed from beneath the staircase.

In the early 1980s, the basements of the 1912 and 1927 blocks were converted for use by the Education Department of the Museum, funded by the Manchester Education Committee after the safety officer branded Waterhouse's spiral staircase in the tower as unsatisfactory for school groups.[04]

A plan of the museum basements drawn in 1996 as part of the Capital Development Project (1996-2003) indicates that the plan form had not significantly altered from 1911, although a spinal corridor (B.74) had been inserted. The 1996-2003 project also saw the removal of walls and creation of the education lab B.77, and insertion of others, creating the current storeroom of B.78. New windows were also inserted in the façade.[05]

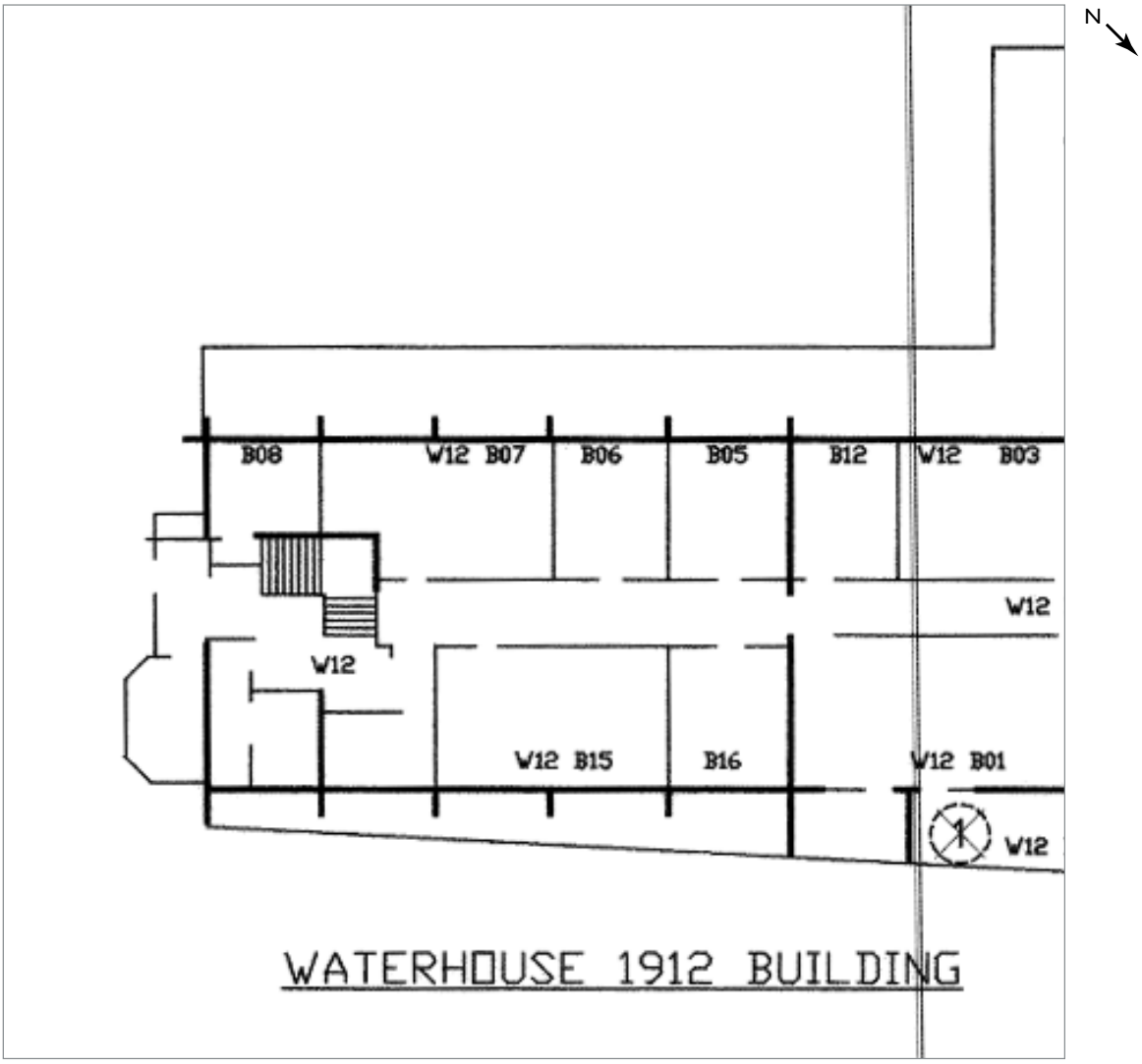



*Architect's plan of the basement of the Haworth Building*

03 Manchester Guardian, Saturday March 4th 1911

04 Buttress, 2015, CMP, p54

05 Pers comm. Ged Bridges, Manchester Museum Building Facilities 13/09/2018




*1996 plan of the basement prior to the development in the later 1990 and early 2000s*

### 4.2.4 1927 Building – ground floor plan form

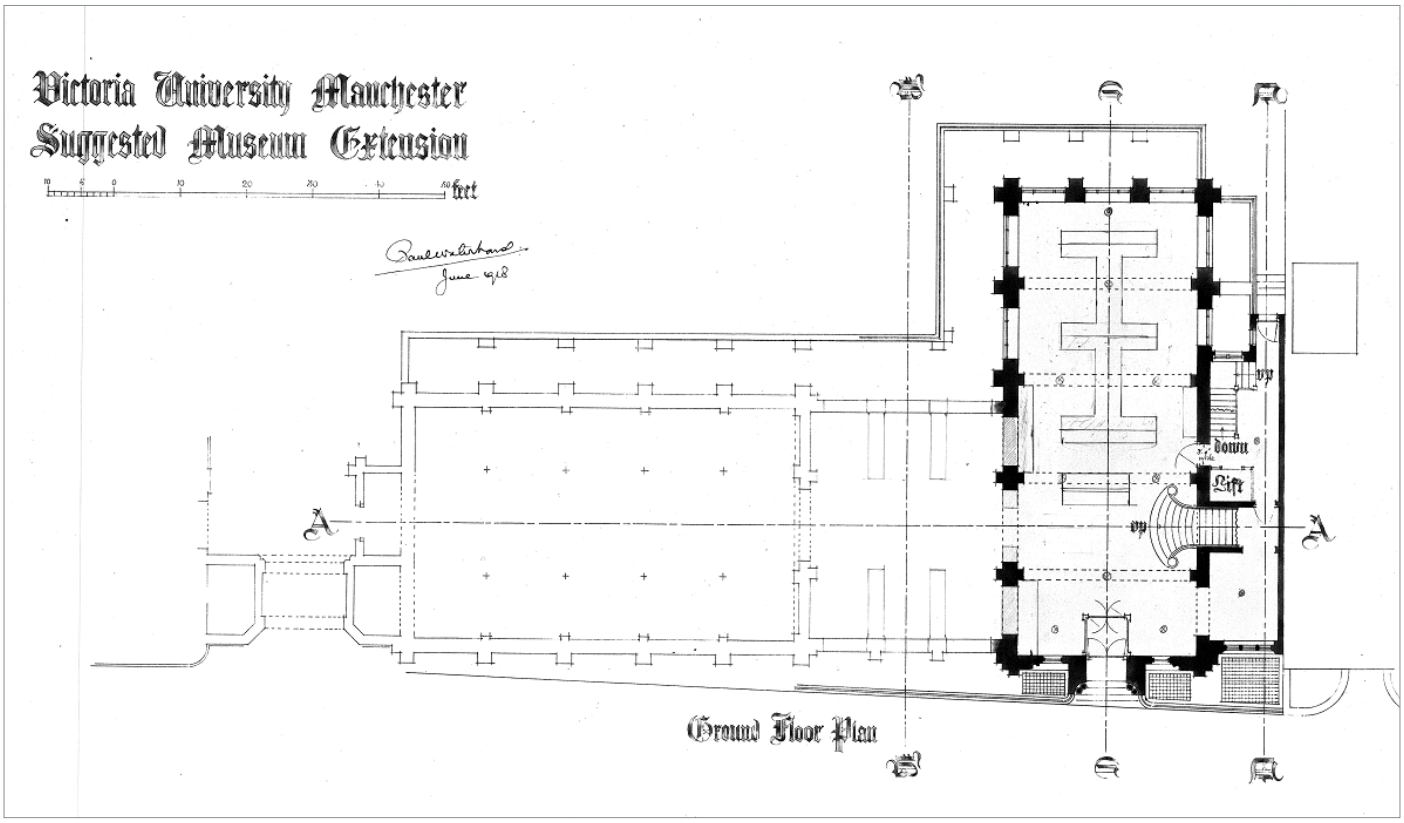
When completed, this building formed the new entrance to the museum. Early plans from 1918 show that the area was intended as an exhibition space. A small lift was positioned in the location of the present lift which was accessed via a doorway from the main ground floor hall. The lift lobby also led to a stairwell to the basement and to upper floors. It also gave access to an external doorway which led to a narrow yard to the rear. A later photo shows an information desk placed beside the entrance door.

In 1984 a souvenir shop opened at the back of the hall to boost income.

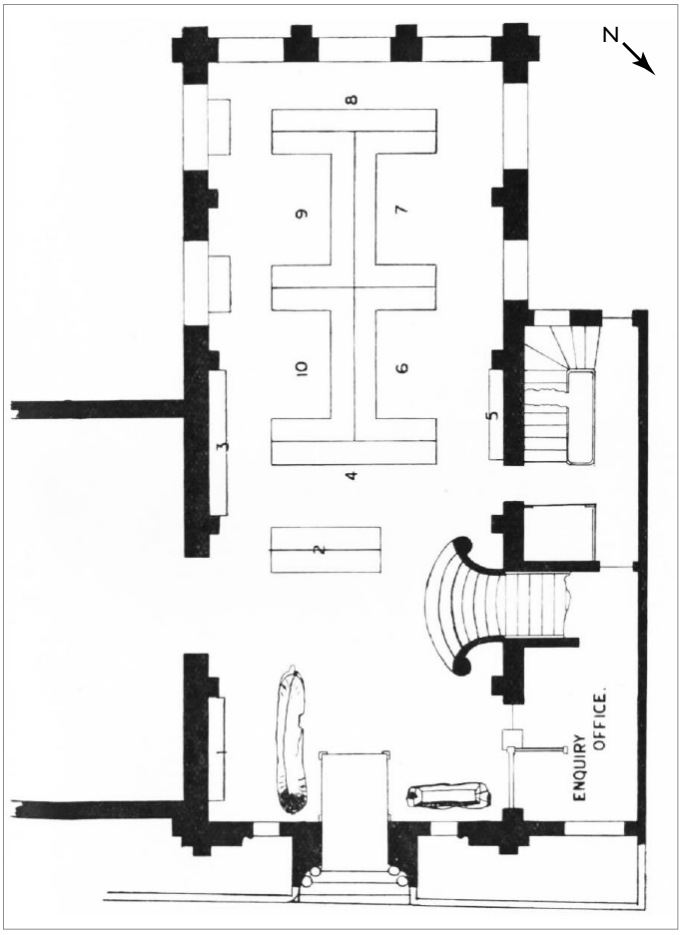
Significant changes took place to the 1927 Building between 1996-2003 when the modern museum entrance was added into the open space between the Dental Hospital, 1927 Building and the Rutherford Building. The 1996 plan from this period shows that the work included the insertion of a new lift, with the entrance doorway to this area blocked up and a new access created through a former window opening. The staircase was removed and replaced with a larger, modern structure, positioned in a former external yard between the 1927 Building and the Dental Hospital. The windows in the south-west and south-east elevations were removed to enable movement between the new extension and the existing museum.



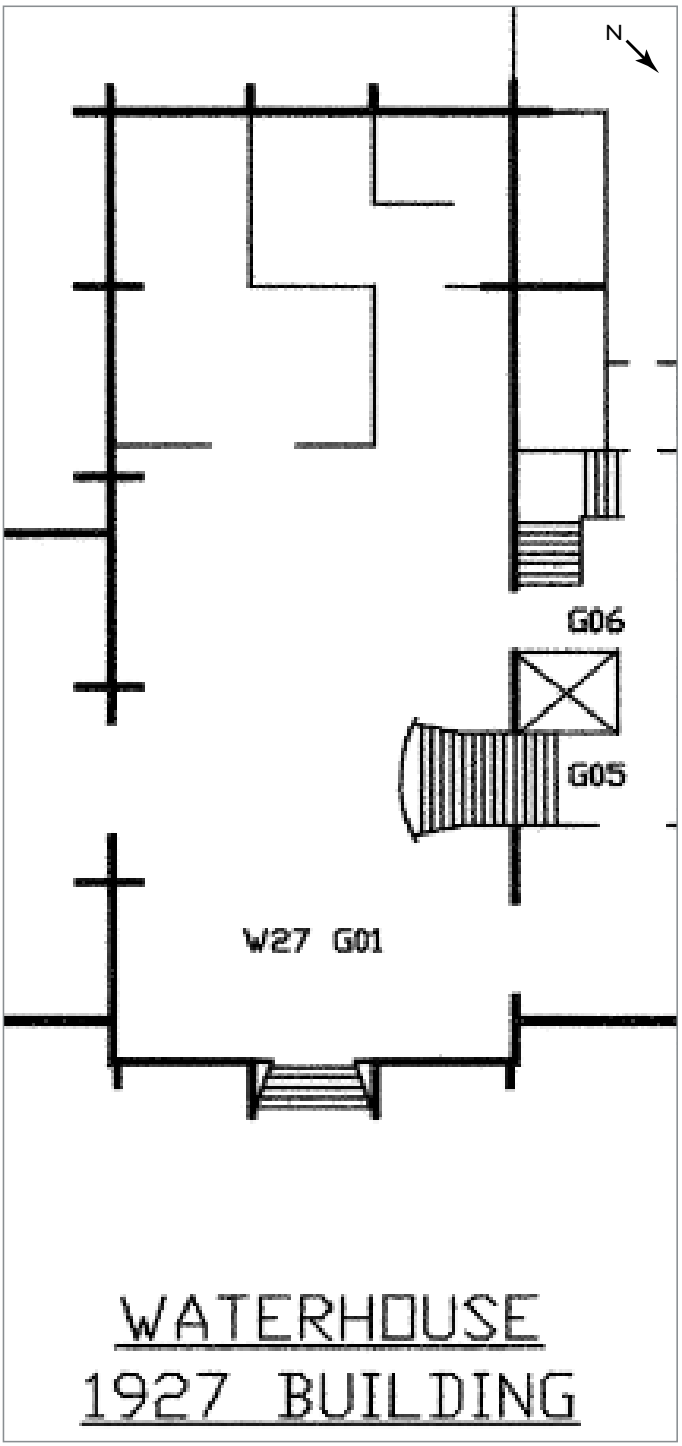
*Undated photo (c1980?) from the staircase in the 1927 Building entrance hall*




*1918 plan of the 1927 building*




*1933 ground floor plan of the 1927 building*




*Extract of 1996 plan of the ground floor of the museum prior to the development in the later 1990 and early 2000s*

### 4.2.5 The Dental Hospital

The Dental Hospital opened in 1908. Set over four levels, it had a waiting room, examination room, extraction room and recovery rooms on the ground floor. On the first floor were rooms devoted to prosthetics, a clinic, waiting room, laboratory, lecture room and staff rooms. On the second floor was a large filling room, museum and demonstrators' room. [06]

The Department of Metallurgy took over the premises in the later 1940s. The department remained there for about 20 years and by 1970, the museum occupied one room on the ground floor as a lecture room and an ethnology display was located on the first floor. The museum required an extension, and all eyes turned on the underused building as a potential redevelopment site. At the time the architects Building Design Partnership described the façade as *"pseudo-Baroque' and thought it a poor neighbour to the Waterhouse building.*'[07]

Fortunately, the building was saved from demolition and listed at Grade II in 1973. According to the Conservation Management Plan, '*The University and GMC became partners in renovating the former Dental School which opened as a new administration block in 1977, the façade having been retained and a new extension constructed behind, with the porticoed entrance glazed to form a showcase onto the street.*'[08] This rather implies significant intervention and removal of historic fabric and plan form. However, it is clear from an internal inspection that much historic fabric still remains. Extant features, such as the Art Nouveau tiled corridor to the first floor, suggest a less damaging approach within the 1977 refurbishment programme.

An undated plan held by the University of Manchester may date to the 1960s and has annotations probably for the 1977 refurbishment. It provides evidence of the floor plan prior to 1977 and potentially the original Dental Hospital layout. The principal entrance opened into a central corridor with rooms either side. The corridor led to a staircase and spinal corridor. Rooms G14-G18 were originally accessed from this corridor and formed a single space with a smaller room (now G18A) at one end. The area which is now the temporary exhibition gallery, G13, was formerly a corridor, a number of individual rooms, a staircase and what appears to be a set of toilets.

The most recent refurbishment of the building took place in 2003 as part of the wider Capital Development Project (1996-2003) which saw Ian Simpson Associates provide an environmentally-controlled temporary exhibitions gallery (G.13) within formerly subdivided rooms of the former Dental Hospital and the development of Café Muse within the ground floor.

A ground floor plan of the museum from 1996 indicates the extent of alteration which took place during this period, including the removal of staircases and partitions, and alterations to circulation mainly from a removal of the spinal corridor to the ground floor. The building also received a modern fit-out. The café preparation rooms (G14-G18, G18A) were been formed from a larger room marked on a plan of 1996 as DG03. More recent plans suggest that this area was originally intended as a staff room and associated facilities. G14 and G16 appear to have been originally intended as shower rooms whilst G15 and G17 were changing rooms. The main food preparation area was to be a staff room and kitchen area.



*Conservation clinic, 1905 (University of Manchester History and Heritage). Possibly the 'large filling room' on the 2nd floor(?)*



*A sketch of the building (Dental Review, 1908)*

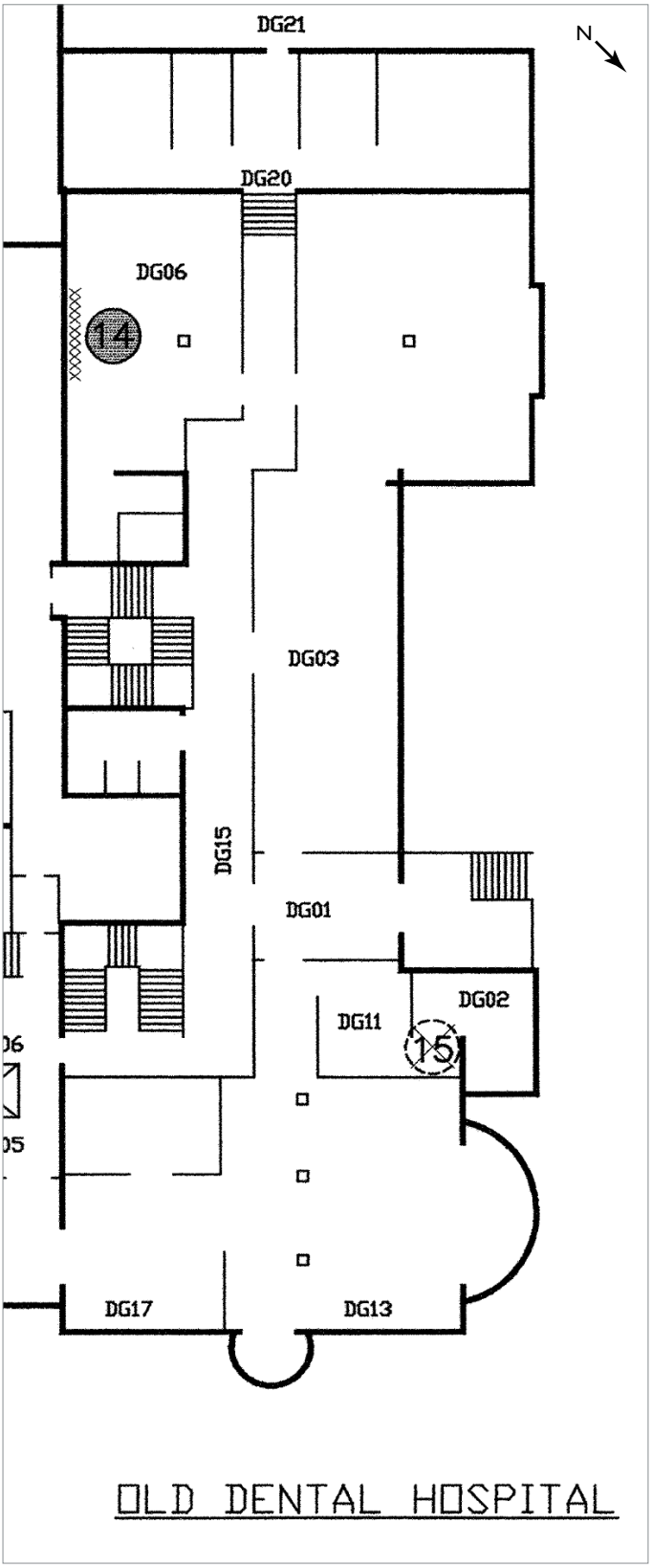
06 Buttress, 2015, CMP, p24
07 Ibid p 54
08 Ibid



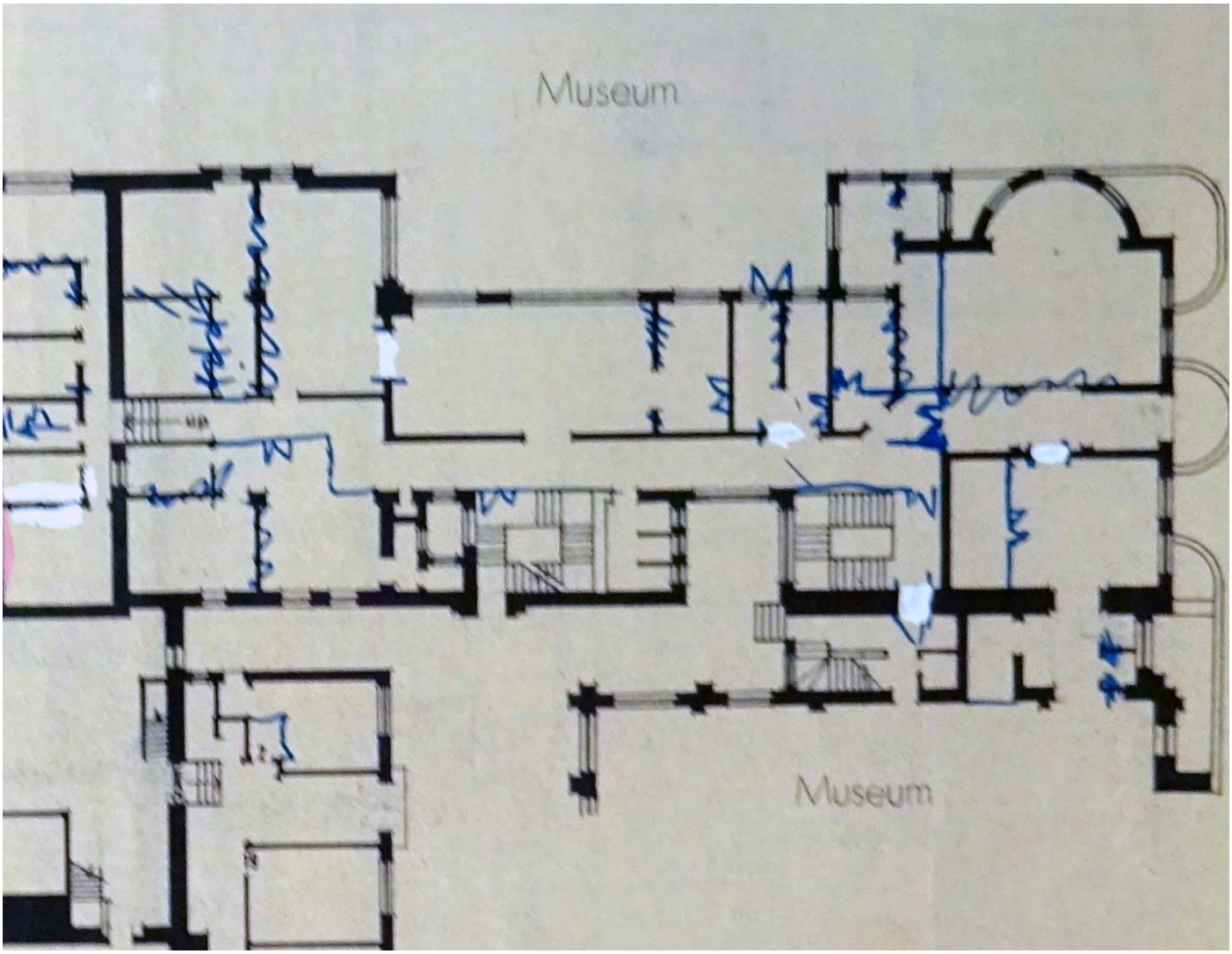
*Department of Metallurgy, 1970, Bridgford Street elevation (Manchester Archives Local Image Collection, m63789) Note all windows are painted white and GW27, which today is a 9-light window, was formerly of 12-lights.*



*Dental Hospital and former Department of Metallurgy, 1972 (University of Manchester History and Heritage)*




*Extract of 1996 ground floor plan of Manchester Museum*

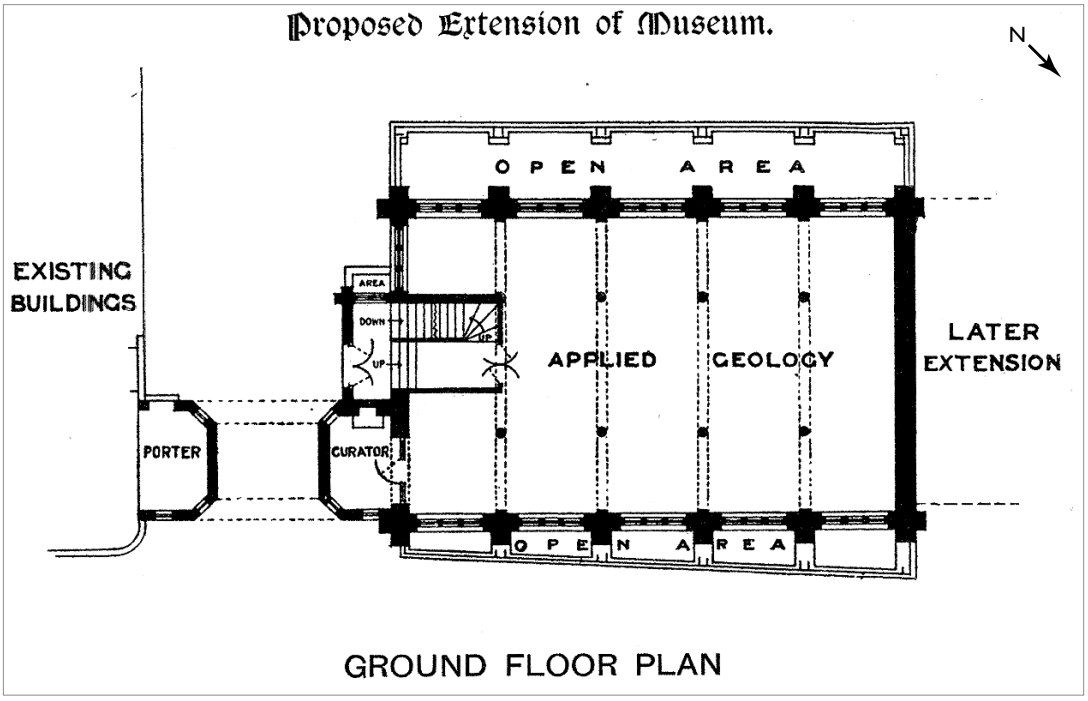



*Undated plan of c1960 with annotations which may date to the 1977 refurbishment of the Dental Hospital.*

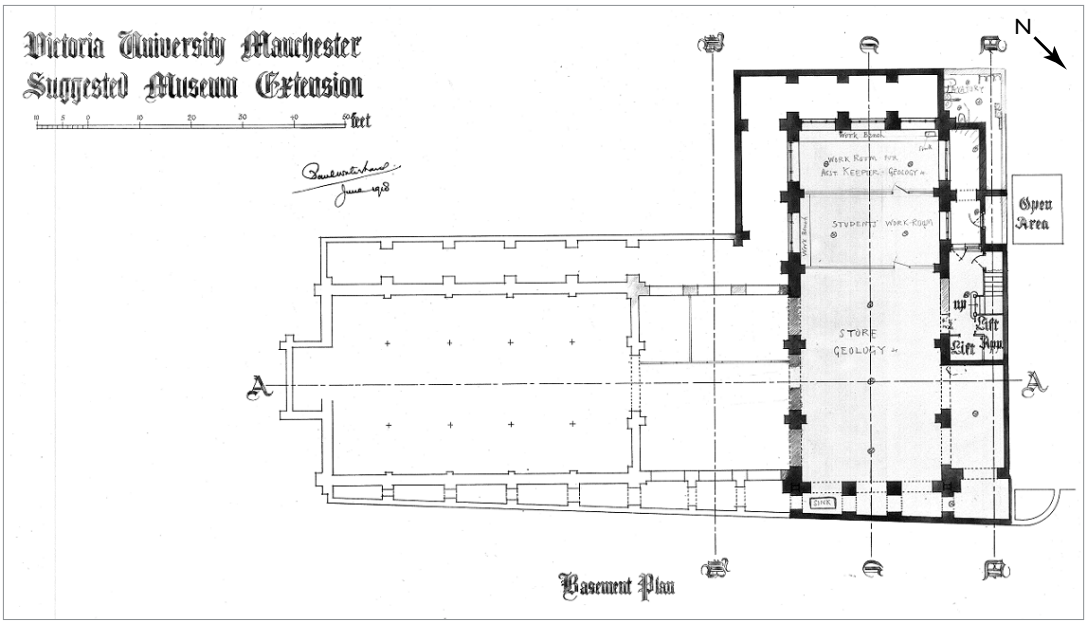
### 4.2.6 Lightwell Development

A plan of the Rutherford building from 1906 shows a lightwell beneath the north east elevation. Plans show that the Haworth Building was designed with a lightwell to both Oxford Road and the rear elevation. The lightwell was extended in line with the buildings between in 1913 and 1927. Section drawings from 1918 indicated that the relative levels between Oxford Road and the rear courtyard were largely the same during this time.

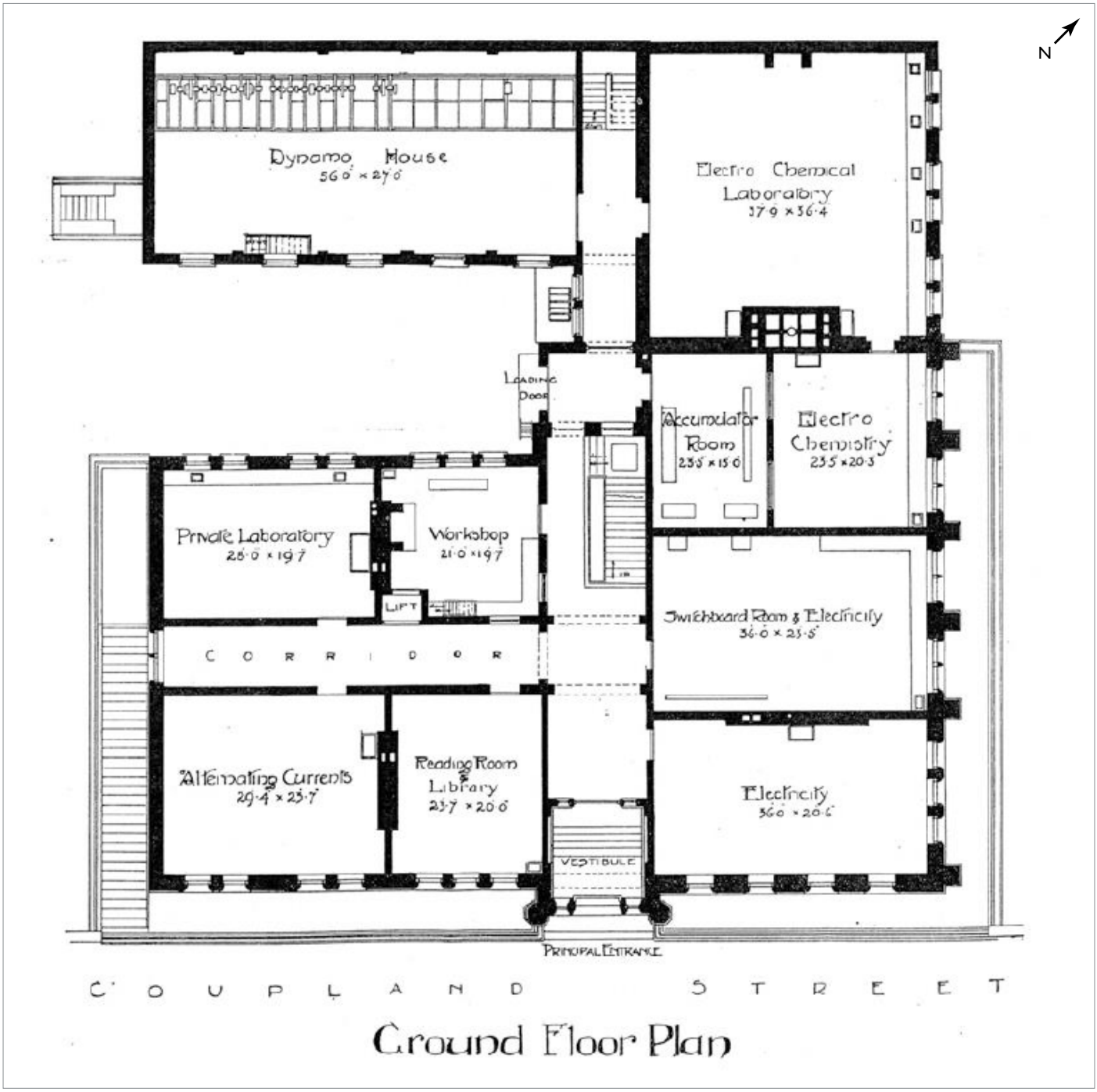
The 1915-1916 Ordnance Survey map of the Manchester (see section 4.2.2) shows that the lightwell was probably stepped from a very early stage. The Rutherford Building lightwell and the Manchester Museum lightwells were joined when the new museum entrance designed by Ian Simpson Associates was built in the early 2000s. At the same time part of the 1927 building's lightwell was filled in to make way for the extension.



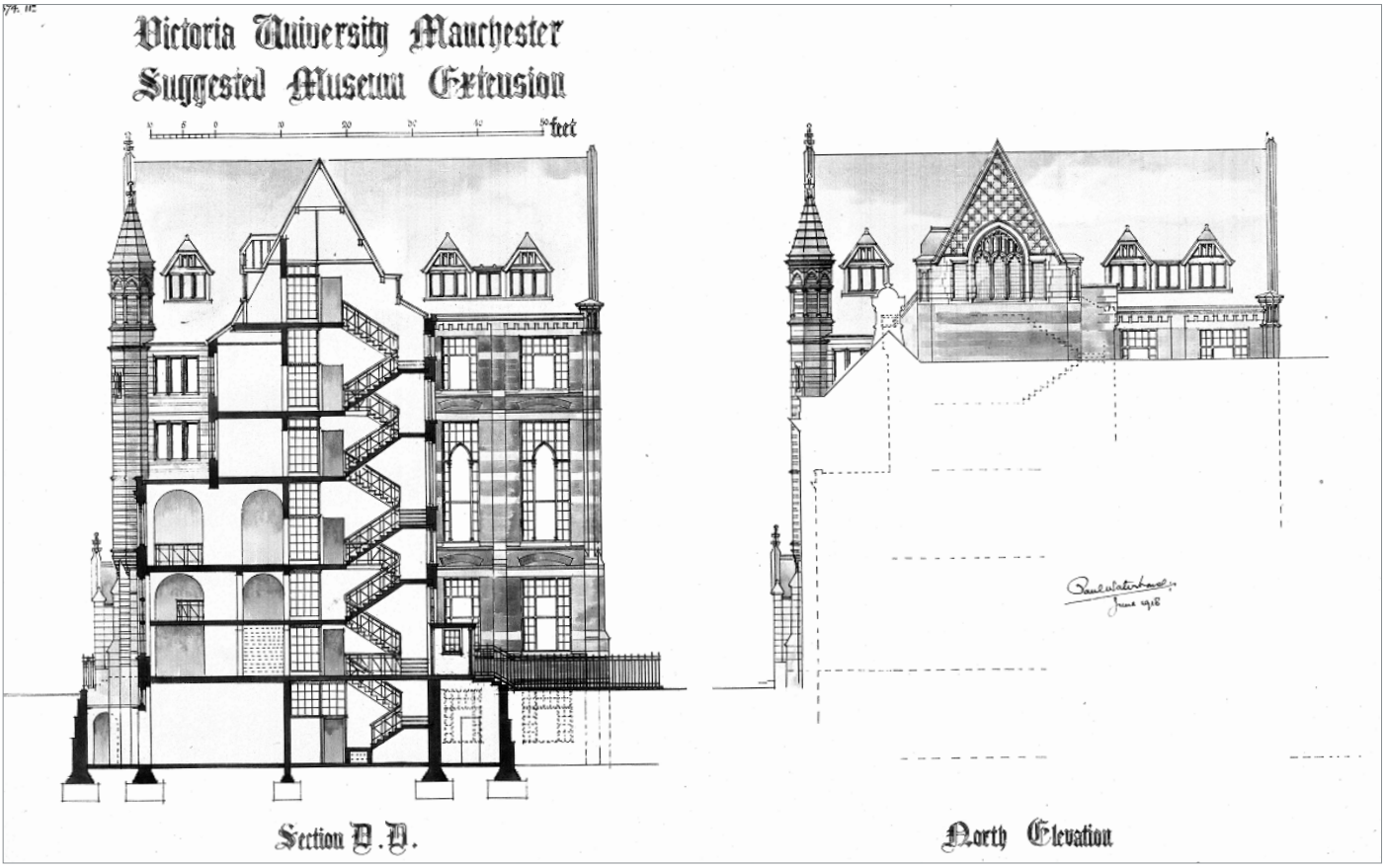

*Basement Plan of 1911 showing the Haworth Building's lightwell*



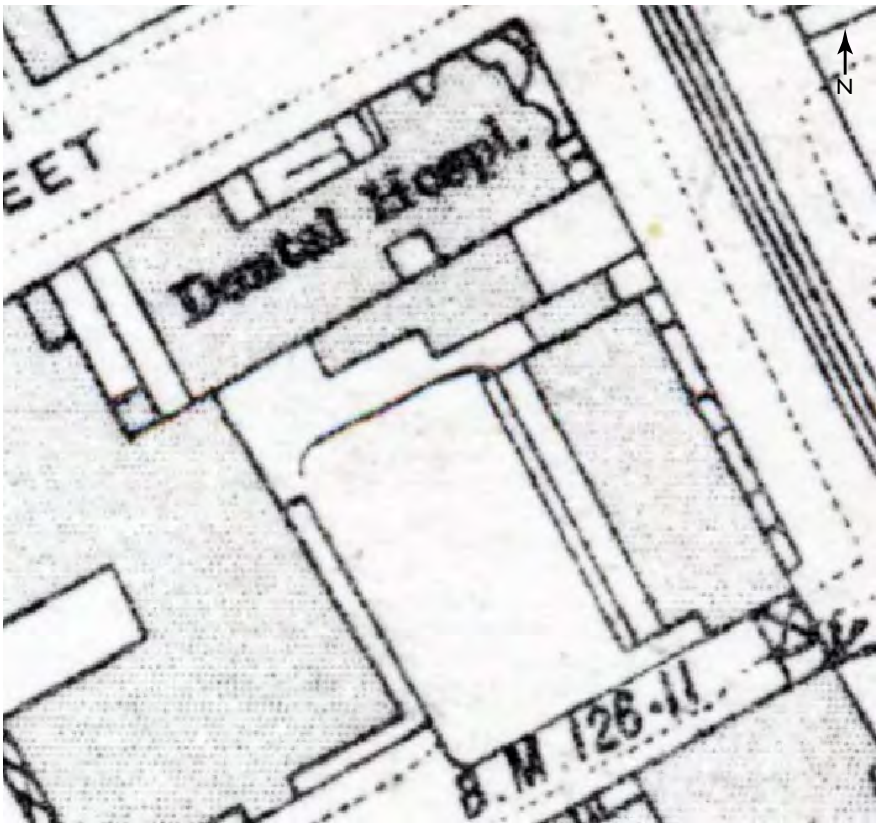

*1918 basement plan showing the Haworth Building, the extension and the 1927 Building and basement lightwells.*




*1906 Ground Floor plan of the Rutherford Building shoing the lightwells*




*1918 section through the proposed 1927 Building showing the relative levels of the Oxford Road and courtyard elevations.*




*1915-1916 Ordnance Survey Plan*

# SECTION 5.0
# BUILDING RECORD

## 5.1 SURVEY DRAWINGS

Existing drawings have been reproduced within the appendix and should be printed at A3. Digital copies at A1 will form part of the digital archive.

## 5.2 DESCRIPTIVE RECORD

This section provides a description of the areas to be impacted by the proposals which will inform a discussion the documentary and fabric evidence where appropriate.

Photographs have been included here for illustrative purposes but also included as part of the photographic record in the appendices and digital archive.

### 5.2.1 Exterior

#### 5.2.1.1 Courtyard and lightwell

The cluster of museum buildings form a courtyard. The courtyard as a space was realised as part of the 2003 redevelopment work and currently forms the public entrance. The area pre-2003 provided a dead-end service access to the museum and until the 1990s also featured a modern, three-storey extension against the Rutherford elevation. Today, the ramped entrance and adjacent plains are laid in stone pavers to match Coupland Street. The space is set with planters, and a sunken bed is located beside the museum entrance bridge, the former location of a mature tree.. The courtyard's level area features the museum's outdoor picnic area set with a variety of benched seating.

Surrounding the paved courtyard on three sides are railings to lightwells to the basement areas of the Rutherford Building, the Haworth Building and its extensions, and the museum entrance building. Railings to the Haworth Building and extensions lightwell are a plain square pickets with flush base rail and alternating spear tops to the top rail. The railing to the Haworth Building and extension is braced to the lower retaining wall. Additional railings were added to the existing in 2003 when the level of the courtyard was raised to provide level access into the new entrance.

The lightwell to the Haworth Building and its extensions is set well back from the building and is stepped. Access to the upper level of the lightwell is provided by a gate and concrete steps from Coupland Street, whilst access to the lower level is via a modern metal fixed ladder attached to the lightwell wall.

The retaining walls to the Haworth lightwell are constructed in red engineering brick, laid in English garden wall bond, with square edged stone copings rising to approximately 2m. The lower retaining wall is constructed in yellow brick with chamfered stone copings laid in Flemish bond and rising to approximately 1.5m. It also has five square brick piers for structural stability. The difference in brickwork suggests the upper retaining wall may have been constructed slightly later than the lower, although map evidence suggest the stepped arrangement was in place by 1915-16, soon after the 1913 extension was completed.



*Picnic area, Infill building and 1927 Building looking NW*



*Courtyard, Haworth Building and extensions looking E*



*Courtyard and Howard Building looking SE*



*Courtyard looking N*

The lightwell has a concrete base with modern metal linear drainage channels, whilst the upper stage is laid to shingle.

The lightwell turns 90 degrees and heads south-west until it reaches the limit of the 1927 Building. Here the lightwell is interrupted by the 2003 extension bridge and lightwell. Below the façade of the modern extension the lightwell is shallower, with a concrete retaining wall and surfaced in shingle. A modern metal bridge, providing access to the museum, traverses the modern lightwell.

The Rutherford Building, in contrast, has a deep, narrow lightwell. The retaining wall is constructed in English cross bond in a buff yellow brick at its north-west end. The lightwell rises approximately 3m to the base of the stone copings on which sit modern railings. Lateral stability is provided by three brick-arched buttresses to the first four bays from the north-west end, and two metal braces in the final bay at the south-east end. A vertical building break to the retaining wall brickwork is located opposite the buttress between first and second bay of the Rutherford elevation at the south-west end. Here the bricks are red and laid in stretcher bond. This break appears to correspond to aaproximately the limit of the modern two-storey extension which formerly occupied bays two to five of the Rutherford Building. The lightwell below the first bay was left open and probably rebuilt at some point in the latter half of the 20th century.

The surfacing of the lightwell is modern concrete.

A feature of the lightwell are the blocked basement windows of the Rutherford Building. In most cases the stone sills, mullions and lintels remain. The variation in brick types and bonding would suggest several phases of blocking.  The remnants of stonework also suggest that the basement windows were more simply finished and less elaborate that the floors above. They have reveals of brick and simple chamfers to the mullions and lintels.



*View SE of Haworth Building lightwell*



*Access steps, looking SE*



*View NW of Haworth Building lightwell retaining wall and railings.*



*Modern extension lightwell and bridge, looking NE*



*Rutherford lightwell, looking SE*



*Lintel to blocked window, looking SW*

### 5.2.1.2 Elevations

During the site visit, general photos were taken of the courtyard to record its appearance prior to its development, with particular focus on the Rutherford Building north-east elevation. The new museum extension has been designed to stand away from the elevations of the Haworth Building and its extensions ensuring that they continue to be viewed and appreciated. However, part of the new museum extension will sit against and obscure part of the Rutherford Building's north-east elevation.

### The Rutherford Building

The Rutherford Building is constructed of red brick with stone dressings and is of three storeys with basement and attic storeys. A brick parapet partially conceals the tiled roof which has three square ventilators to the roof ridge.

The north-east elevation is of five bays defined by buttresses with windows between. The windows have stone surrounds with stone mullions and transoms. There are lintel bands to the basement and ground floors, and sill bands to first and second floors. The left bay is wider than the remaining five bays and has a gablet to an attic storey. The first bay has six-light mullion and transom windows on the ground and first floors, three single-light windows on the second floor set in a stepped stone panel with a single-light window above in the gablet. The remaining bays have four-light mullion and transom windows on the ground, first and second floors. Windows, apart from the left bay have been blocked on the ground floor. Other windows are timber casements. There are two square cast iron rainwater pipes to the first bay and one to fifth.



*Rutherford Building NE elevation, bays 1-3*




*Rutherford Building NW elevation bays 2-5*

### Old Dental School, Bridgeford Street elevation

Whilst the main façade to Oxford Road is constructed in the Edwardian Baroque style in brick and dressed limestone, the Bridgford Street elevation where the building is recessed from the boundary is more functional in appearance. Here the timber framed windows with moulded metal lintels have an industrial appearance. The new museum entrance is to be located within this recessed bay. This area is of seven bays and three storeys with attics and basement, but the changes will affect the ground floor only.

The ground floor (from the left) contains a nine-light square window, with the upper three panes replaced by lourvres, which is to be retained, a long 18-paned window, and a further nine-light square window, again with the upper three lights fitted with louvres, which are to be altered to form the new entrance. The north-east elevation also contains a nine-light square window which is to be replaced with a display window for the new shop.

Below the windows, and behind a modern retaining stone wall with metal railings, is a basement store with a pitched glass roof with flahsings with roof light, and a plant room concealed below a grill. Theses elements are to be removed to make way for the new museum entrance. The ramped access and steps up to a loading door within this elevation are modern and will be screened as part of the plans.



*Recessed elevation to Bridgeford Street, looking SE*



*Location of new entrance to ground floor, looking SE*

### 5.2.2 Interior

Internally, the spaces to be affected are the café preparation area for Café Muse, the temporary exhibition gallery, and an area within the main hall of the 1927 Building.

#### Old Dental School: Café prep

This area dates to the 2003 redevelopment of the museum. The area is rectangular in form, but contains a number of modern partition walls, with the larger area used for food preparation and washing up, and the smaller areas for storage. The walls are painted plaster with modern square skirting, radiators and flooring throughout. The room is entered from G18B via a narrow lobby.

The main food preparation area is lit by a 21-paned window with hopper openers and modern timber sill. The corners of the reveals are rounded.

The washing up area (G18A) is lit by a six square panes and modern timber sill, the upper panes having been blocked by a suspended ceiling containing services. The corners of the reveals are rounded. It is separated from the food preparation area by a square column which appears to relate to the square ceiling joist which runs NE to SW.

The spaces also feature exposed pipework, surface mounted electrical services and modern strip lighting. There is a hot water boiler within the entrance lobby.

The store room G15 has a suspended ceiling and is lit by the lower six panes of a window. The corners of the reveals are rounded. There is access into cupboard G14, which also has a suspended ceiling and modern fit out.

G17 is similar to G15 but without a window, and leads to cupboard G16, which also has a similar fit out and appearance to G14. Originally intended as toilets / changing and shower rooms, no features associated with such uses were discerned within these spaces. The modern fit-out and plan form has also eradicated any evidence of earlier uses of this space.

All doors are modern flat doors with modern architrave.



*Food preparation area looking SW*



*Food preparation area looking NE*

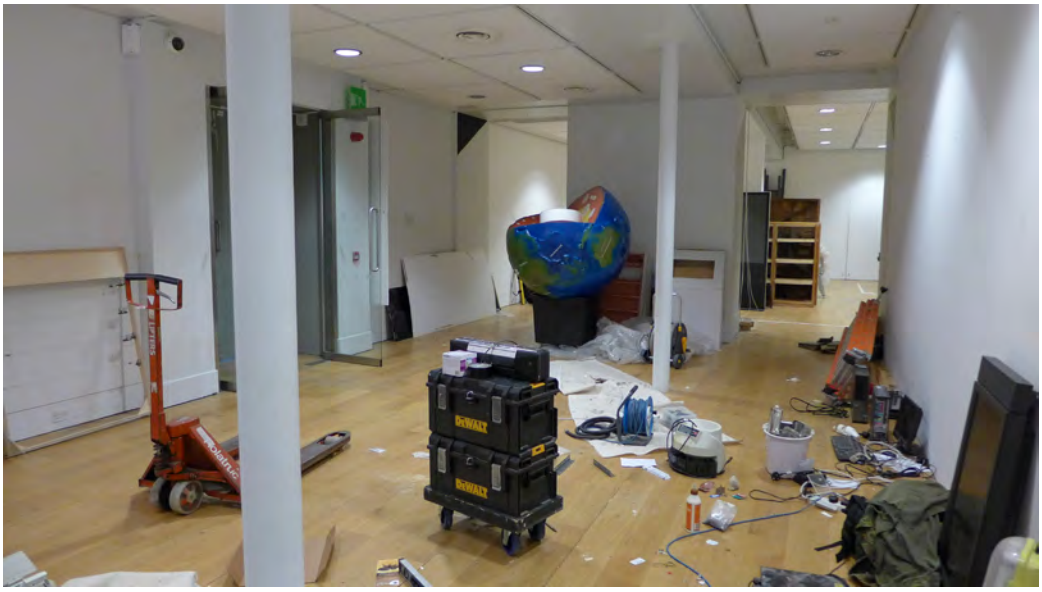
### Old Dental Hospital temporary exhibition gallery

This area will be stripped out and form part of the shop and new entrance hall. A number of walls will be removed.

The temporary exhibition gallery (G13 and G13A) was formed in 1999-2003 through the amalgamation of a number of separate spaces and the removal of a staircase. Today, the gallery is accessed from the new infill building built by Ian Simpson Associates via a new aluminium-framed glazed double door. The area is 'L' shaped and has a modern fit out which conceals all windows and other features of the former Dental Hospital. The walls are painted plaster with modern square skirting and modern flooring throughout. The ceiling is a suspended raft to conceal services which is supported in G13 by three square columns. Plain painted ceiling can be seen between the raft. The area G13 and G13A are separated by a section of wall; this fragment, and a cast iron column in G13A, may relate to the original structure of the Dental Hospital. The columns in G13 appear to relate to those shown on the 1996 plan. To the right of the entrance door a service panel revealed painted brickwork of an earlier phase of construction, likely the internal face of an external wall. The ceiling is a suspended raft to conceal services.



*Gallery looking E*



*Gallery looking S*

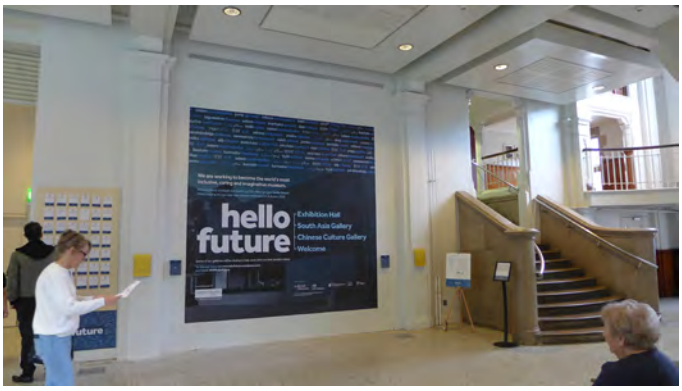
### 1927 Building entrance hall (lift and stair core)

An area of walling between the 1927 Building and area G1, the lift lobby, will be removed to form a new access to the lift and to the café. The modern stair will be altered to form a new arrangement.

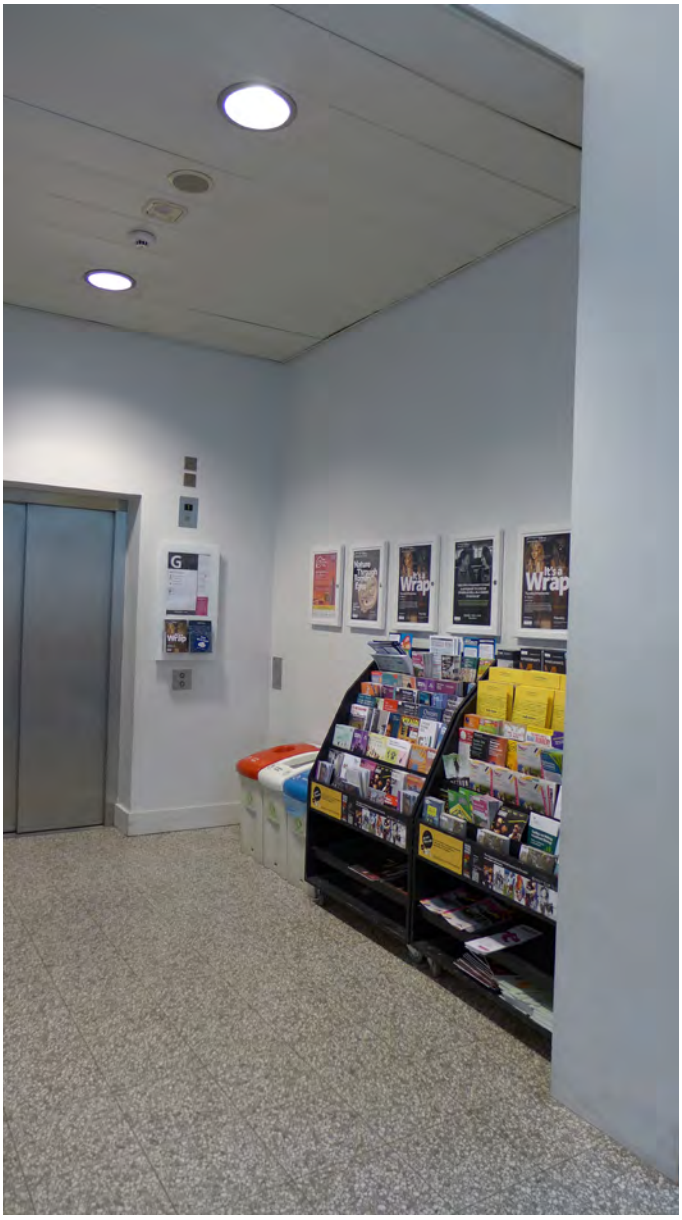
Plans from 1933 suggest the section of wall to be removed once supported a staircase on its north-west side (now G1), whilst the south-east side faced into the entrance hall with a display case positioned against it. Area G1 was formed out of both an internal and external space in 2003. The lift dates from this period and now occupies the position of the original museum lift and the former staircase. The modern stair, which is located in a former external space, rises from the basement through to the second floor.

On its south-east face, the wall to be removed is painted plaster set between two moulded pilasters. These will be unaffected. The flooring is modern and the wall has no skirting.

On the north-west side, the wall forms part of the lift lobby (G1). The walls are painted plaster with modern square moulded skirting and a suspended ceiling. The floor is modern. The entrance to G1 has a modern metal roller shutter above, and on the north-west elevation the original external brickwork of the 1927 Building remains exposed within the stairwell.




*1927 Building entrance hall, looking N*




*Modern lift lobby, looking SE*



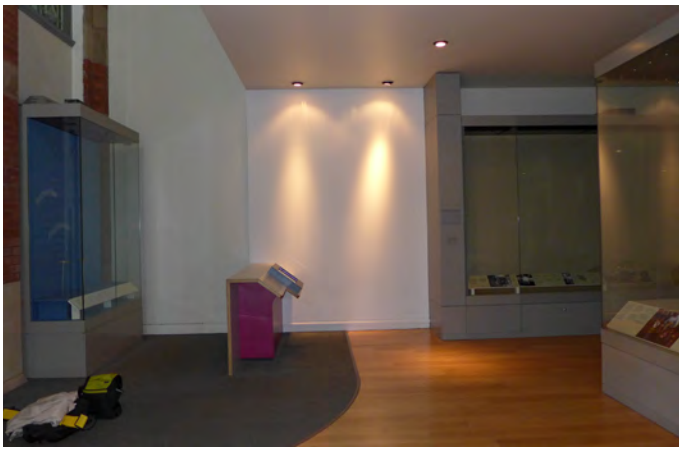
*Modern stair core in formerly external space, looking E*

### The Living Cultures Gallery (1.5)

The Living Cultures gallery (1.5) is located within the 2003 infill building built by Ian Simpson Associates. The new stair from G1 will rise into this space. To facilitate access, a modern floor-to-ceiling glazed panel and a section of painted plaster walling to the current stair core will be removed. On the south-west elevation painted plaster wall panel will also be removed to give access to the new extension.



*Living Cultures Gallery, looking N*



*Living Cultures Gallery, looking SE*

### 1912 Building basement areas

#### B.77

B.77 is the Life Lab. Entered from corridor B.74 it is a three-bay rectangular space. It has a painted plastered ceiling with moulded cornice and down stands. The painted plastered walls also feature decorative pilasters to the SE wall and plain skirtings. The floor is a timber herringbone-pattern parquet floor which is divided by concrete strips running NE to SW which evidence the former location of partition walls. There are three tri-partite and transomed modern metal framed windows with modern roller blinds and cast-iron radiators and pipework below. The reveals have plain chamfers and pyramidal stops. All services appear to be modern and include plastic surface mounted dado-trucking and strip lighting. There are also two modern flat doors with modern architrave.

#### B.78

B.78 is a store room, which has been formed out of two rooms. At the time of survey, the amount of clutter prevented a full appraisal of the space. Entered from B.74 it is currently used as a storeroom but more recently used as an office.[01] The space is 'L' shaped, and has painted plaster ceiling and decorative cornice, plain painted plaster walls with decorative pilaster to the NW wall which correspond to the pilasters in B.77 . The floor is herringbone-pattern parquet flooring, believed to be original, with a central break running NE to SW, evidence of the former location of a wall. There are two tri-partite and transomed modern metal framed windows with modern roller blinds and a cast-iron radiator to the right window. The reveals have plain chamfers and pyramidal stops. The windows and brickwork below are to be removed.

Apart from the heating, all services are modern including the plastic surface mounted dado-trucking and strip lighting. A lagged pipe runs at head height along the NW wall. The entrance door is a modern flat door with modern architrave. There is a cupboard below the stair with modern flat door in the location of the original entrance.




*Basement room B.77 looking NW*




*Basement room B.77 looking SE*

01 Buttress, 2015, Gazetteer p65



*Basement room B.78 looking SW*



*Modern metal framed window to be removed as part of proposals, looking SW*



*BW.13 exterior of window to be removed*



*BW.12 exterior of window to be removed and sill lowered to form new opening*

# SECTION 6.0
## DISCUSSION AND CONCLUSIONS

A level 3 Historic Building Record is a 'analytical record'. Section 4 has presented the historical evidence for the development of a number of areas which will be affected by the proposed development. Section 5 has described these elements as they are today, although discussed with reference to the historical evidence. This section aims to summarise this data and draw conclusions where possible.

Manchester Museum is the largest university museum in the United Kingdom and incorporates buildings which are listed Grade II* and Grade II in recognition of its special architectural qualities and historic interest. The buildings at Manchester Museum are complex and have grown organically as part of the development of both the museum and the wider university campus. Whilst many of the principle spaces throughout the buildings remain relatively unaltered, many back-of-house areas have been modified and adapted to the changing needs of the university and the museum.

The basement room B77 within the Haworth Building, also known as The Life Lab, was formed in 2003 out of a number of individual rooms and offices – a plan form largely unchanged since its construction. The store B78 was also enlarged into an office at this time and the entrance reorientated. The original entrance to B78 is now an under-stair cupboard. Evidence of the former partitions can be seen within the original parquet flooring.

The 1927 Building was originally constructed as a new entrance and exhibition area to the museum. In the 1980s a shop was inserted, and the space is shown as subdivided on the 1996 plan. The space saw dramatic changes during the 1996-2003 redevelopment works with its ground floor connected to the new museum entrance by the removal of windows and a staircase, the roofing over of formally external areas, insertion of new stair and lift and reorientation of spaces. Services and spaces were modernised.

It has been shown that the lightwell to the museum rear courtyard was extended as the museum grew. The stepped construction appears to have been an early or, perhaps, an original feature, despite the change in brick type between the levels. The stepped construction was probably required to maximise light levels into the basement areas which which enable the flexible use of spaces. The Rutherford Building's lightwell was built over in the latter half of the 20th century which may explain a change in brickwork to the retaining wall, and the blocking of some of the basement windows and insertion of the the arched buttresses.

The Old Dental Hospital has also seen significant changes to its plan form on the ground floor; a new temporary exhibition gallery was formed in 2003 from several rooms and a corridor. Later, the Café Muse developed with the insertion of kitchen preparation areas and stores. The early plan form of the building is unclear due to a lack of historical records. Also, of question are the historic use of spaces. The 1996-2003 refurbishment had a significance impact on the fabric of the building and saw a complete overhaul and modernisation of spaces. It is hoped that as new information comes to light, so our understanding of use and layout will be improved.

# APPENDICES
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A: Bibliography

B: List Descriptions

C: Measured Survey Plans

D: Photographic Register

E: Photographic Record

F: Photographic Plans

G: Historic Plans



# APPENDIX A
## BIBLIOGRAPHY


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Old Maps, https://www.old-maps.co.uk/#/

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# APPENDIX B
## LIST DESCRIPTIONS

Manchester Museum Extensions (including the Haworth Building)
Grade II
UID 1246283
Extensions to the Manchester Museum. Designed 1911 and 1918 by Paul Waterhouse, and built 1911-1927. Paul Waterhouse died in 1924, and the contract was completed by his son, Michael. Sandstone ashlar, with roofs of lead and red tiles. Linear plan in 3 portions, the earliest to the left and the latest to the right. Gothic Revival style. The earlier portion, in Hotel de Ville style, 2 storeys and 5 bays, symmetrical, has buttresses, an embattled parapet to the 3 centre bays and slightly higher square parapets to the end bays penetrated by gablets, and a steeply-pitched lead-clad hipped roof with a fleche; large double-transomed 9-light windows at ground floor, large segmental-pointed 3-light windows at 1st floor with arched lights and 6-light Perpendicular tracery, and gablets in the end bays containing multifoils. Attached at the left end is a 2-storey entrance archway and bridge over the entrance to Coupland Street. This has a large 2-centred arch and three 3-light windows above, the centre under a gable, and incorporates a porter's lodge and curator's room. The central portion, 2 lower storeys and 3 bays, with gabled centre flanked by pilaster buttresses, has windows at ground floor like those to the left, and 3-light windows at 1st floor, all with cusped heads. The central window has Perpendicular tracery rising into the gable The right-hand portion is a cross wing with a facing gable. 4 storeys and attic in one wide gabled bay, with octagonal tourelles at the corners finished with arcaded pinnacles flanking the gable. The lower half is a giant segmental-headed arch with a projecting gabled porch which has a 2-centred arched doorway moulded in 2 orders with shafts, and is otherwise filled by a 7-light window with 14-light Perpendicular tracery; the upper half has mullioned 2, 3 and 2-light windows to the next 2 floors, a band of blind arcading between these, and an attic window with 2-centred arched centre and blind-arcaded surround. The rear of this range has mainly flat-headed windows in a grid pattern, and a central gable with a pointed arched traceried window, flanked by hipped dormers. SOURCES: Manchester Museum Annual Reports, 1912, 1923, 1925, 1926, 1927 Signed drawings by Paul Waterhouse, 1911 and 1918.

Former Department of Metallurgy, University of Manchester and attached railings (Dental Hospital)
Grade II
UID 1271344
Date first listed: 21-Sep-1973

Dental hospital, now university department building. 1908, by Charles Heathcote. Red brick with liberal dressings of limestone; slate and glass roof. Roughly rectangular plan on corner site, at right-angles to street. Edwardian Baroque style. Three storeys and attic, 3 bays (2:1:2 windows), symmetrical, the centre breaking forwards slightly; with stone quoins, prominent modillioned cornice, parapet, and hipped roof. The centre bay has full-height stone pilasters and an open-segmental pediment with a cartouche; a semi-circular porch at ground floor with Ionic columns, entablature with cornice, and half-domed roof; a large window at 1st floor (like the others at this level, see below) and a stone balcony with wrought-iron railings and a round-headed window at 2nd floor. The outer bays have 2 windows to each floor, those at ground floor segmental-headed 12 -pane sashes with keystones, those at 1st floor 3-leaf 18-pane sashes in moulded architraves with triple keystones; and oeil-de-boeuf windows at 2nd floor with triple keystones and swags. Wrought-iron forecourt railings to left and right, with simplified Art Nouveau standards. Close to the front corner of the right-hand return side is a full-height semi-circular bay which has stone bands to ground and 1st floors, stone top floor with swags, cornice carried round and balustraded parapet. Long range to rear of this mostly in functional style, with sky-light roof. Interior not inspected. Forms group with Manchester Museum (q.v.) and University of Manchester (q.v.) to left.

Manchester University Rutherford Building and Hopkinson Memorial Wing
Grade II
UID: 1402635
List entry Description

Summary of Building
University physics laboratory, now administrative offices. 1898-1901 by James William Beaumont in collaboration with Professor Arthur Schuster over the interior arrangements.

Reasons for Designation
The Rutherford Building and Hopkinson memorial wing (formerly the Physical Laboratories and John Hopkinson Electrotechnical Laboratory) of 1898-1901 by James William Beaumont is designated at Grade II for the following principal reasons:

Architect: Designed by James William Beaumont, a prominent Manchester architect, with a number of listed buildings to his name, in collaboration with the Professor of Physics, Arthur Schuster, resulting in a well-thought-out bespoke university science laboratory building.

Historic interest: Ernest Rutherford led the Manchester physics laboratories between 1907 and 1919, and it was in this specific building that he carried out ground-breaking research resulting in his discovery of the nuclear atom in 1911, subsequent splitting of the atom in 1917, and initiation of the field of nuclear physics.

Design: The building, which was one of the largest physical laboratories in the world when built, combined the practicalities required to provide first-class teaching facilities covering electrical engineering, electro-chemistry, practical physics, and research, with a judicious use of more elaborate detailing to the building, concentrated on the main entrance which incorporates the university coat of arms and motto, manifesting a sense of civic pride in the provision of this dedicated science building at a provincial university.

Interiors: Much of the original layout survives and the rooms retain their original glazed brick linings which, although more costly, were used to facilitate the cleaning and brightness of the rooms. Other original features include the decorative dado tiling and terrazzo flooring to the wide corridors, original staircases, panelled doors,

moulded architraves, moulded cornices, observation balconies, panelled ceiling and wooden roof trusses in the large lecture room.

Group Value: The Rutherford Building forms an important component of the development of the science faculty at the University of Manchester and is located close to a number of other listed university buildings including the Main Quadrangle (Grade II*), the Museum Extensions (Grade II) and Former Department of Metallurgy (Grade II), both on Oxford Road, and the Pharmacy Department, formerly the Medical School, Coupland Road (Grade II).

History: The Rutherford Building was originally known as the Physical Laboratories. Work commenced in 1898, and the building was formally opened in 1901. It was built to designs by James William Beaumont in collaboration with Professor Arthur Schuster over the interior arrangements. When built they were amongst the largest and best-equipped physical laboratories in the world. The building was partially funded by anonymous donations totalling £17,000, thought by some to have come from Schuster himself. To the rear of the main building is a contemporary wing referred to on a stone plaque as The John Hopkinson Electrotechnical Laboratory which was erected and equipped in 1899 in memory of Dr John Hopkinson FRS by his parents, relatives and friends. (Hopkinson was an eminent electrical engineer born in Manchester who had studied as a student at Owens College and died in 1898 in an Alpine climbing accident.)

James William Beaumont was a leading Manchester architect of the late C19 and early C20, whose designs include the Whitworth Art Gallery, Manchester (Grade II), Pendlebury Hall, Stockport (Grade II), Winters Buildings, 28-32 St Ann Street, Manchester (Grade II), a former packing warehouse on Tariff Street, Manchester (Grade II), and Hyde Town Hall (Grade II).

Arthur Schuster had moved as a child to Manchester from Germany in 1869 after the family textile business transferred there. After attending Henry Roscoe's evening classes in science at Owens College, he determined to study physics. He was subsequently appointed professor of applied mathematics at Owens College in 1881, which in the previous year had become the first college of the new Victoria University, and in 1888 became professor of physics. From 1903-5 Schuster was dean of the faculty of science before resigning his chair in 1907, due in part to ill health, having first ensured Ernest Rutherford would become his successor. He also left the laboratory his personal assistant, Hans Geiger, who went on to work closely with Rutherford. Ernest Rutherford led the Manchester laboratory from 1907 to 1919, before leaving to work in Cambridge. It was whilst he was working in Manchester that he discovered the nuclear atom (1911), split the atom (1917), and initiated the field of nuclear physics. In 2006 the University of Manchester renamed the building the Rutherford Building in honour of its most famous former resident.

A contemporary report stated that Beaumont was sent to visit the principal modern laboratories in Germany by the Council of Owens College before drawing up the plans for the building. It also reported that Professor Schuster advocated an internal arrangement with rooms sufficiently large to accommodate at least several students rather than individual rooms for single students (which was the tendency in some contemporary continental laboratories) as experience had taught him the educational value of mixing senior and junior students together. There was a carefully planned system of ventilation designed to exclude dust as far as possible from all the rooms and especially from instrument cases, and many rooms were supplied with water, gas, steam for experimental purposes, and compressed air, conveyed by a series of pipes coloured differently to enable them to be easily distinguished. A 1906 publication describes the building as being arranged so that the ground floor was devoted to electrical engineering and electro-chemistry; the first floor to general instruction in practical physics; and the second floor and basement mainly to research purposes. A large lecture theatre, seating 200, and a smaller lecture room, seating 25, were also situated on the second floor. On the roof was a small astronomical observatory. The Hopkinson memorial wing contained a dynamo house containing seventeen examples of types of direct and alternating-current generators and motors, an accumulator room, photometer room, and the electro-chemical laboratory. It is visible to the rear on a drawing of the building by Beaumont.

Details

PLAN: L-shaped building of two and three storeys over a raised basement. East range, running north-south, contains largest laboratory and lecture room; west range, running east-west, contains two parallel series of rooms separated by wide spine corridors. The ground floor was devoted to electrical engineering and electro-chemistry, the first floor to general instruction in practical physics, and the second floor and basement mainly to research purposes. There is a flat platform on the roof of the west range, which originally housed an observatory. Attached to north end of east range is a single-storey range over a raised basement which was formerly a dynamo house for the Hopkinson memorial wing; it contained seventeen examples of direct and alternating-current generators and motors.

EXTERIOR: The front, south elevation is of eight bays with a gable over the third bay, the main entrance in the fourth bay, and a slightly projecting wide, four-bay gable to the right. Stone window surrounds with heavy stone mullions and thinner stone transoms with lintel bands to basement and ground floors, and sill bands to first and second floors, which carry round onto the east side elevation: bays one and two have four-light mullion and transom windows on the ground and first floors; the second-floor of bay one is blind with a two-light mullion window in bay two; bay three has six-light windows on ground, first and second floors; bay four has a four-light window on the first floor and two-light mullion window on the second floor; bays five to eight have four two-light transom windows on the ground and first floors. The windows on the second and third storeys are set in a stepped stone panel, with four widely spaced single-light windows on the second floor and four closely spaced single light windows on the third floor. The main entrance has a stone fronted porch with stone steps leading up to a wide, depressed arch doorway with panelled double doors, narrow side lights and five square overlights, all with Art Nouveau leaded glass, flanked by

two octagonal columns with cupolas. A triangular pediment over the doorway has a relief carving of the University of Manchester's coat of arms and motto (ARDUUS AD SOLEM). The area in front of the building has low brick walls with moulded stone coping and decorative iron railings. At ground-floor level between bays one and two is a circular blue plaque commemorating Ernest Rutherford's achievements within the building; between bays five and six is a circular blue plaque commemorating Alison Uttley, children's author and Physics graduate of the university in 1906.

The west side elevation is of three bays with symmetrical gables over the outer bays. The central bay has a wide doorway with double, part-glazed doors and a mullioned overlight; in front are modern steps and a ramp. Above, on the first floor is a doorway set in a segmental-arched glazed screen, which opens onto a small stone balcony with decorative iron railings (originally used to adjust telescopes and practice using a sextant). Immediately to the left is a narrow single-light window. On the second floor is a similar central doorway set in a segmental-arched screen, which opens onto a wide stone balcony with decorative iron railings running almost the entire width of the façade. To the immediate left of the doorway is a small window and to the immediate right are two small apertures with a projecting stone ledge, with a similar single aperture and ledge towards the right corner (the room to the rear contained a Rowland concave grating (spectrograph) and the apertures enabled sunlight to enter via helioscopes placed on the ledges). The left bay has a stone segmental-arched window frame containing a wooden canted bay window. The right bay has a single-light window.

The east side elevation is of five bays defined by buttresses. The left bay is wider with a gablet over; it has six-light mullion and transom windows on the ground and first floors, three single-light windows on the second floor set in a stepped stone panel with a single-light window above in the gablet. The remaining bays have four-light mullion and transom windows on the ground, first and second floors.

INTERIOR: The main entrance opens into a porch with barrel-vaulted and panelled ceiling, orange terracotta screen with double doors, and side and overlights, the upper lights with Art Nouveau leaded glass. Beyond is an open space with two wide segmental arches of cream-coloured brick; the arch to the rear (now with an inserted glazed screen containing double doors) opens onto a stairwell containing the main staircase and a corridor through to the lobby of the Hopkinson memorial wing; the left arch opens onto the wide spine corridor. The open well staircase has concrete steps and half landings supported on iron girders, decorative iron balusters with a moulded wooden handrail and blue tile dado. Features of note include corridors with terrazzo flooring with black and white border bands, blue glazed tiling to dado height with Art Nouveau floral border, and moulded cornices. Rutherford's personal laboratory is located on the ground floor in the north-west corner of the building; along with many other rooms the room is lined with glazed brick, with an orange brick dado with dark brown border and cream bricks above (in some rooms the glazed bricks are covered with plasterboard and some are painted). All rooms have moulded cornices, wide ground-floor doorways have six-panelled doors, with four-panelled doors on the upper floors. The east range contains a large former lecture room on the second floor which rises through to an open roof with wooden roof trusses and panelled ceiling. High on either side of the south wall is an individual observation balcony. A modern mezzanine floor has been inserted in part of the room.

The Hopkinson memorial wing has a stone wall plaque in the east wall of the corridor inscribed 'THE JOHN HOPKINSON ELECTROTECHNICAL LABORATORY / This portion of the building / was erected and equipped in the year 1899 / in memory of / Dr JOHN HOPKINSON F.R.S./ by his parents relatives and friends'. The lobby and corridor have glazed brown and cream bricks; the bricks in the dynamo room have been painted blue. The dynamo room has iron roof trusses; Perspex sheeting has been inserted beneath the original skylights to each side of the ridge. Attached to the west gable wall is a metal relief portrait of John Hopkinson.

The modern entrance block to the museum extension on Oxford Road which is attached to the north-east corner of the Rutherford Building is not of special interest.

**Selected Sources**

Books and journals

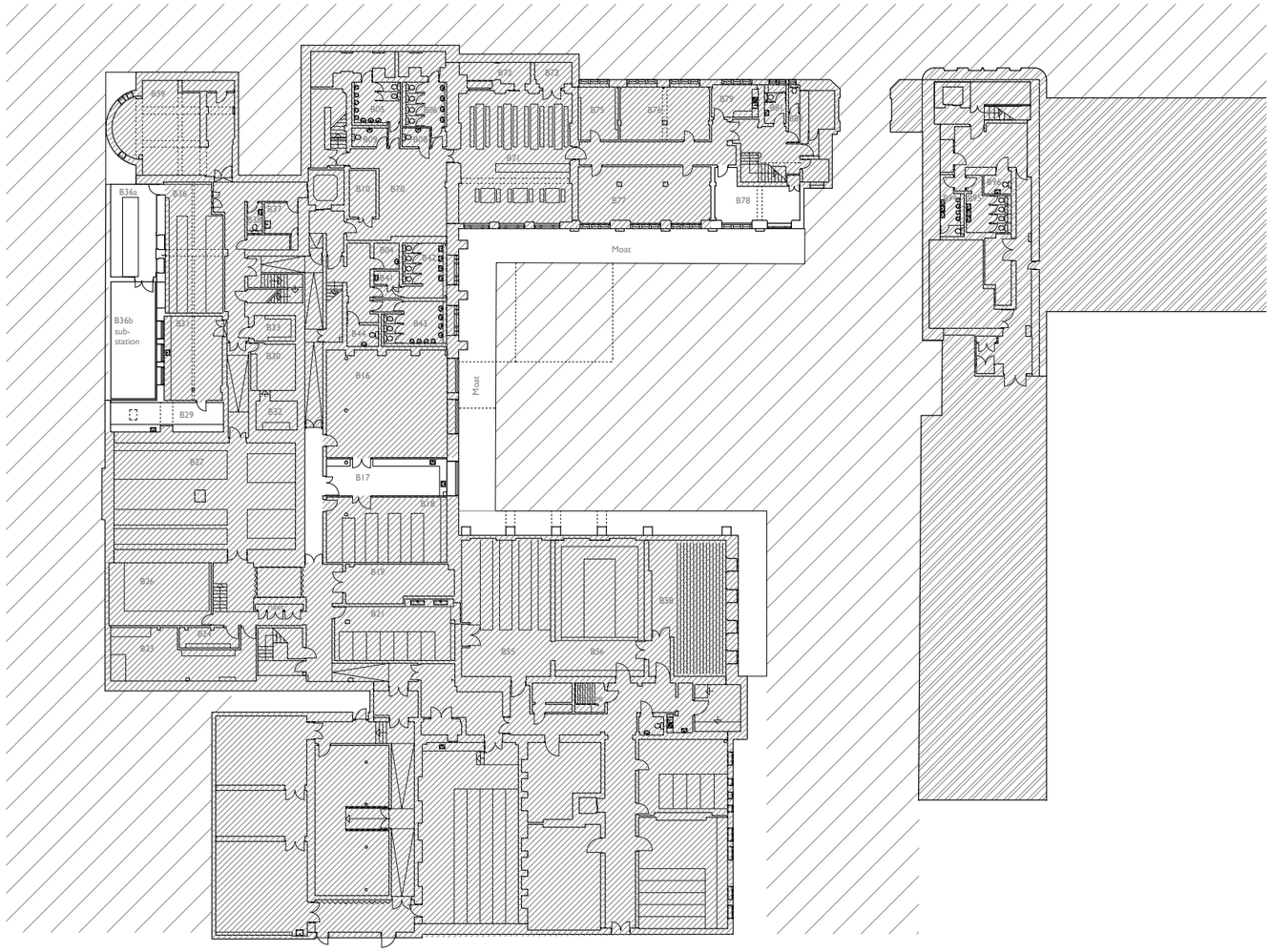
The Physical Laboratories of the University of Manchester: A Record of 25 Years' Work, (1906)

'Nature' in The New Physical Laboratory of the Owens College, Manchester, (October 27, 1898)

# APPENDIX C
## MEASURED SURVEY PLANS

To be printed at a minimum of A3. A14 drawings are included within the digital archive package.

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**1 / 109** **Basement Plan as Existing**
**1:200 @ A1**

**Notes:**

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Room Key

| | | | |
|---|---|---|---|
| B04 | Baby change | B37 | Cleaner Store |
| B05 | Boys WC | B38 | WC |
| B06 | Girls WC | B39 | Store |
| B08 | Girls Acc. WC | B41 | Cleaner |
| B09 | Boys Acc. WC | B42 | Female WC |
| B10 | Lift Machinery | B43 | Male WC |
| B16 | Store | B44 | Acc. WC |
| B17 | Store | B55 | Store |
| B18 | Store | B56 | Store |
| B19 | Store | B58 | Store |
| B21 | Store | B70 | Cloakroom |
| B23 | Plant room | B71 | Picnic area |
| B24 | Elec. Cupd. | B72 | Switch room |
| B26 | Store | B73 | Server room |
| B27 | Store | B75 | Store |
| B29 | Store | B76 | Classroom |
| B30 | Store | B77 | Educational Lab |
| B31 | Store | B78 | Store |
| B32 | Store | B79 | Kitchen |
| B33 | Store | B81 | Female WC |
| B36 | Store | B82 | Male WC |
| B36a | Switch room | B94 | Male WC |
| B36b | Substation | B95 | Female WC |
| | | B96 | Acc. WC |

Key

Areas outside of current scope

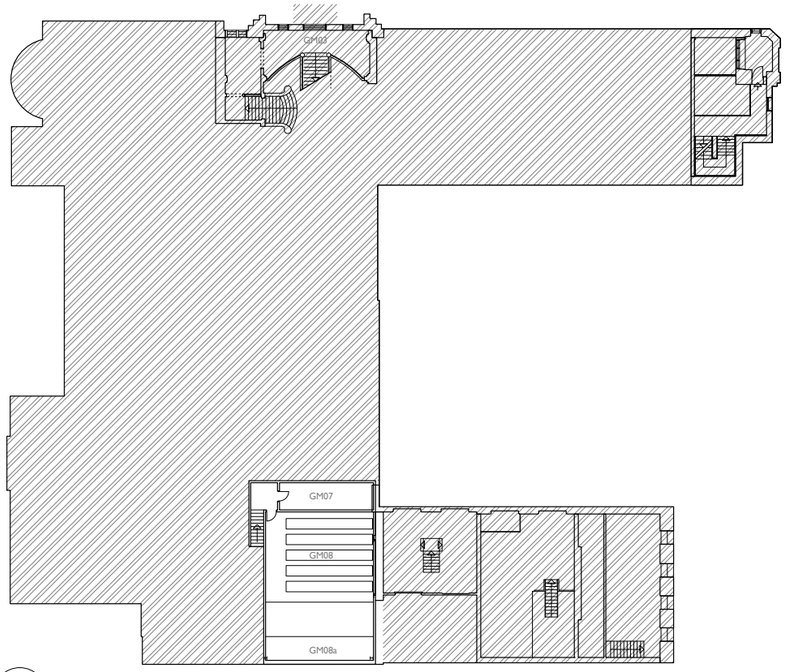
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| C | 20/10/2017 | SS | SK | |
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| First Issue | 31/03/2017 | HW | SS | |

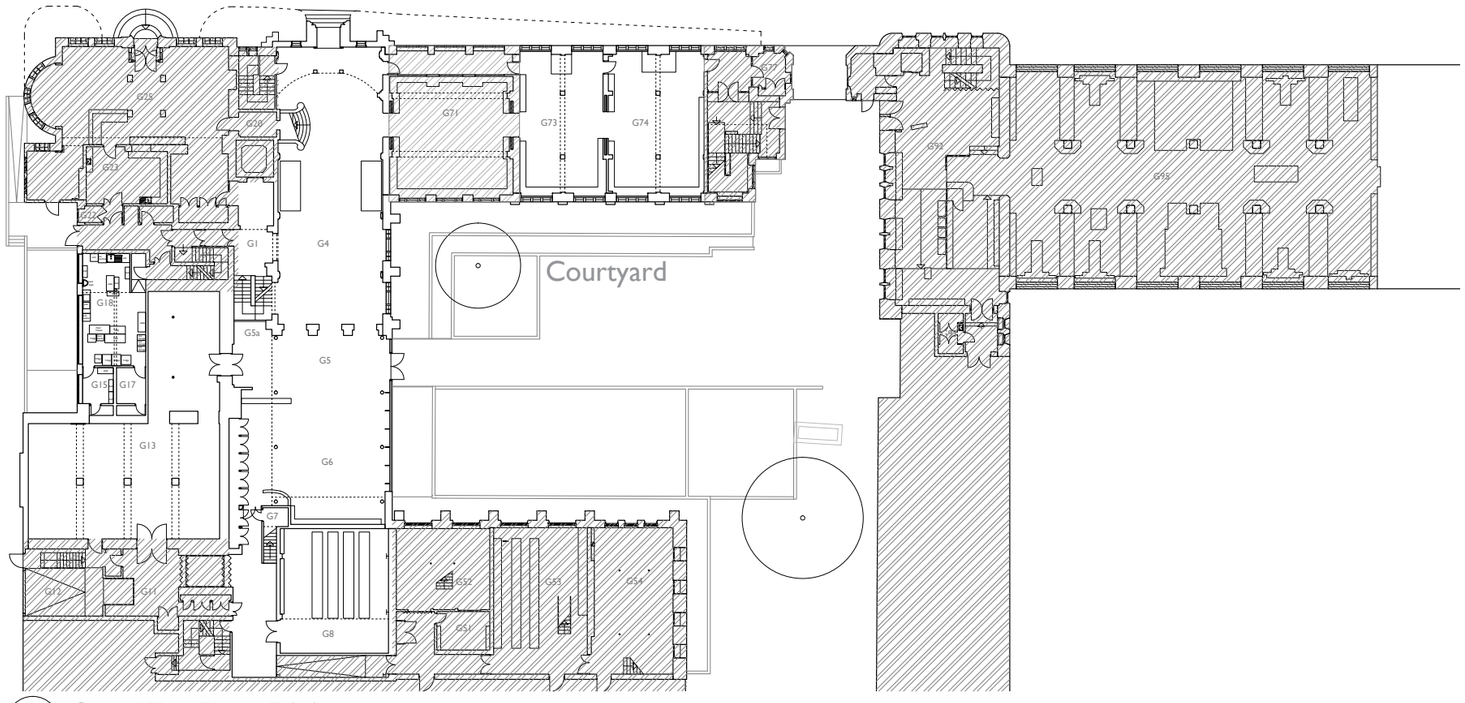
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| **PROJECT** | Manchester Museum Courtyard |
| **DRAWING TITLE** | 6137-PUR-MMC-B-DR-A-0109<br>Basement Plan Existing |
| **SIZE & SCALE** | A1L As shown @ A1 |
| **DRAWING STATUS** | ISSUED FOR PLANNING |
| **JOB NUMBER** | 237010 |
| **DRAWING NO.** | 109 |
| **REVISION** | D |

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**2 / 110 Part Ground Floor Mezzanine Plan as Existing**
**1:200 @ A1**




**1 / 110 Ground Floor Plan as Existing**
**1:200 @ A1**

**Notes:**

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Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Room Key

G1 Lift Lobby
G4 Museum
G5 Entrance
G5a Pram Store
G6 Shop
G7 Store
G8 Store
G11 Loading Area
G12 Loading Area
G13 Temporary Exhibition Gallery
G15 Store
G17 Staff changing room
G18 Kitchen prep.
G20 Store
G22 Fridge
G23 Kitchen
G25 Cafe
G51 Store
G52 Store
G53 Store
G54 Store
G71 The Discovery Centre
G73 The Discovery Centre
G74 The Discovery Centre
G77 Office
G92 Gallery
G93 Cleaners Store
G95 Gallery

GM03 Mezzanine
GM07 Store
GM08 Store
GM08a Store

Key

Areas outside of current scope

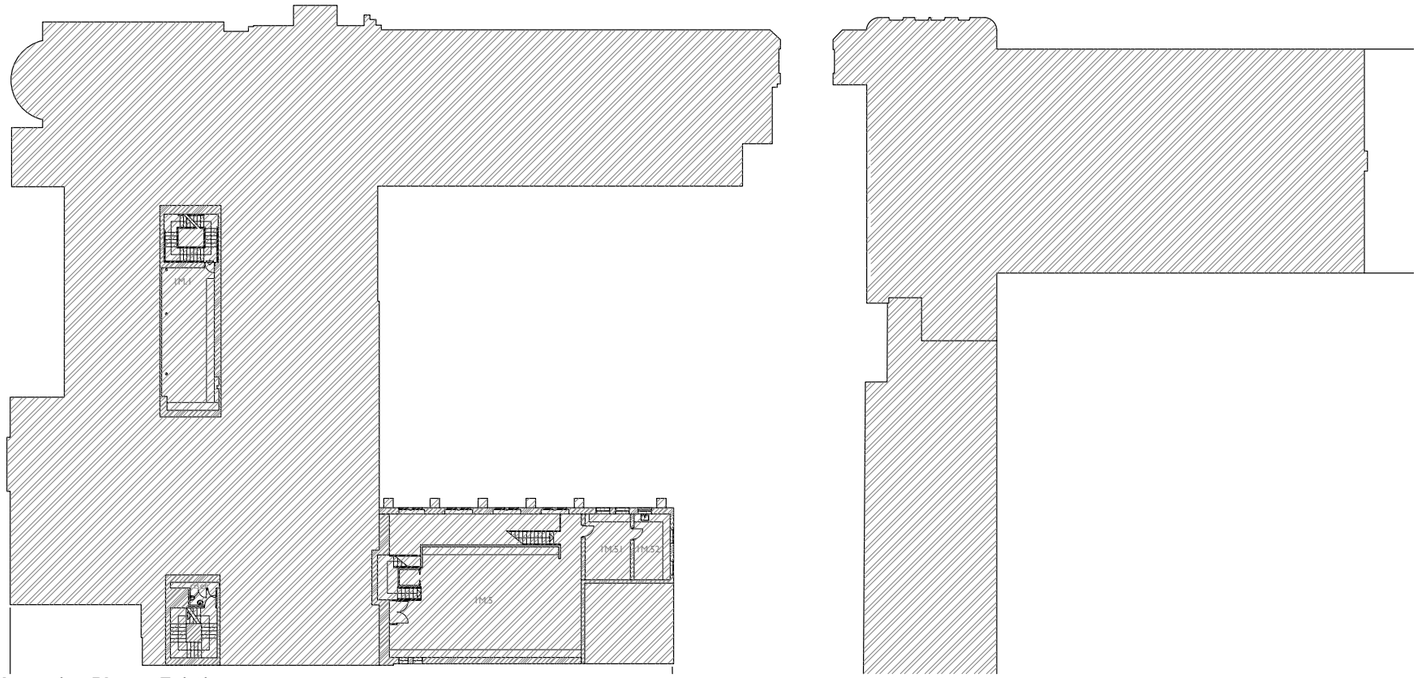
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| B | 11/08/2017 | SH | SS | Room names updated |
| First Issue | 31/03/2017 | HW | SK | |

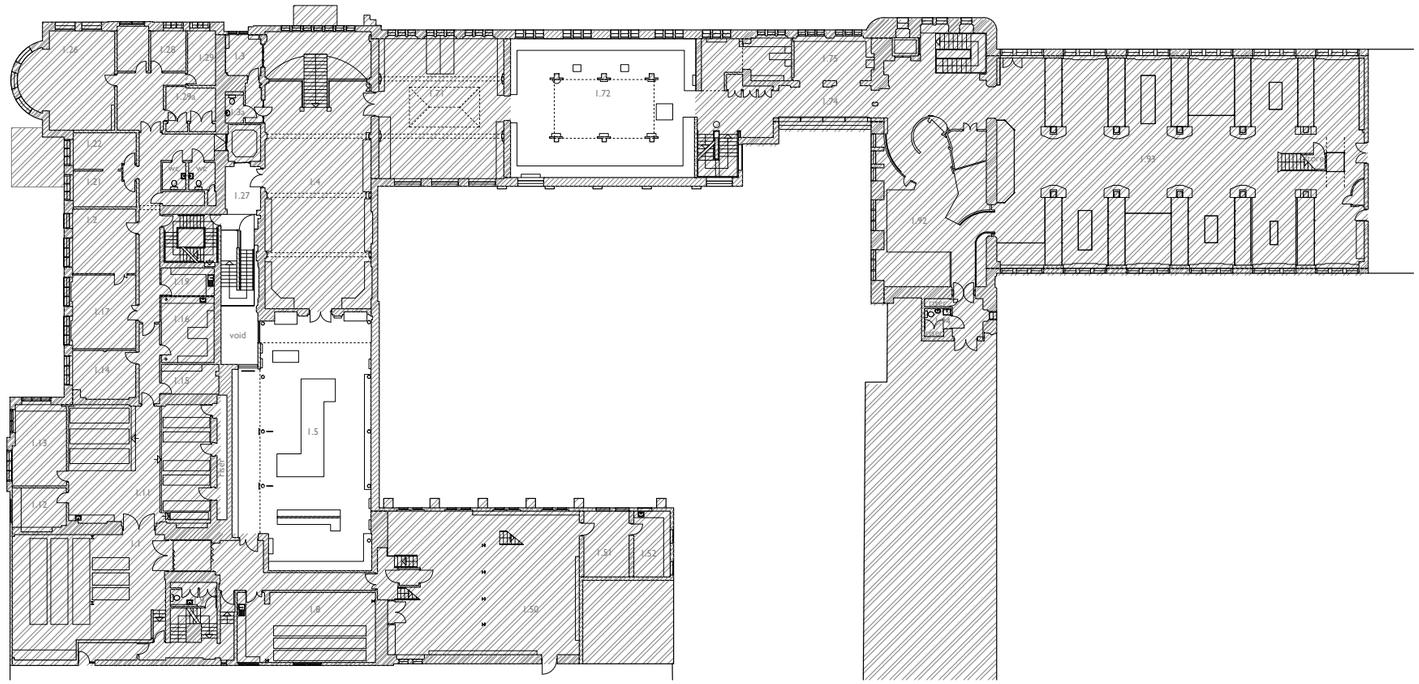
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| **PROJECT** | Mancheser Museum Courtyard |
| **DRAWING TITLE** | 6137-PUR-MMC-G-DR-A-0110<br>Ground Floor Plan Existing |
| **SIZE & SCALE** | A1L As shown @ A1 |
| **DRAWING STATUS** | ISSUED FOR PLANNING |
| **JOB NUMBER** | 237010 |
| **DRAWING NO.** | 110 |
| **REVISION** | C |

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**2 / 111 First Floor Mezzanine Plan as Existing**
**1:200 @ A1**




**1 / 111 First Floor Plan as Existing**
**1:200 @ A1**

**Notes:**

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Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

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**Key Plan**
not to scale

Room Key

1.1 Store
1.2 Office
1.27 Lift Lobby
1.3 Office
1.3a WC
1.4 Manchester Gallery
1.5 Living Cultures Gallery
1.8 Store
1.9 Female WC
1.11 Store
1.12 Office
1.13 Office
1.14 Office
1.15 Store
1.16 Store
1.17 Office
1.19 Kitchen
1.21 Office
1.22 Office
1.26 Office
1.27 Office
1.28 Office
1.29 Store
1.29a Store
1.50 Store
1.51 Office
1.52 Office
1.71 Ancient Egypt public gallery
1.72 Ancient Egypt public gallery
1.74 Bridge
1.75 Gallery
1.92 Nature Discovery
1.93 Mammal gallery
1.94 Acc. WC

1M.1 Store
1M.5 Store
1M.51 Office
1M.52 Office

Key

Areas outside of current scope

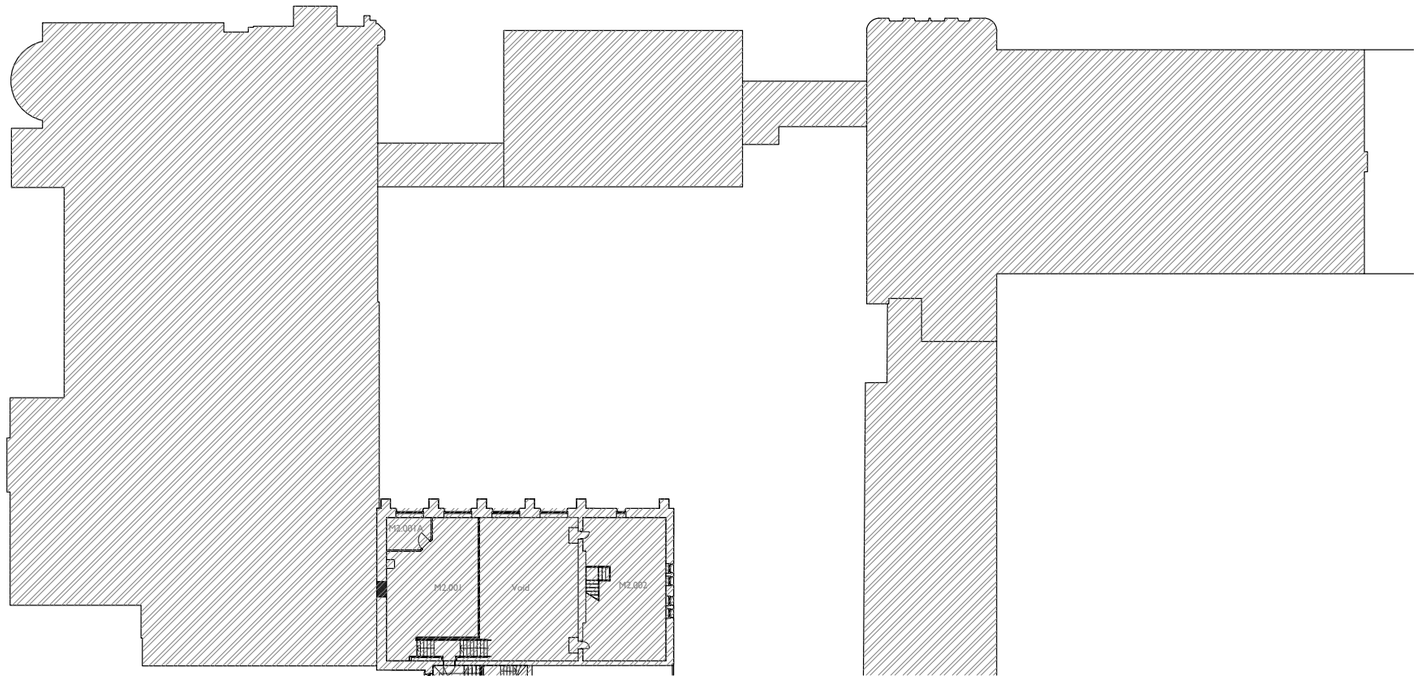
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| C | 24/11/2017 | SS | SK | |
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| B | 11/08/2017 | SH | SS | Room names updated |
| First Issue | 31/03/2017 | HW | SK | |

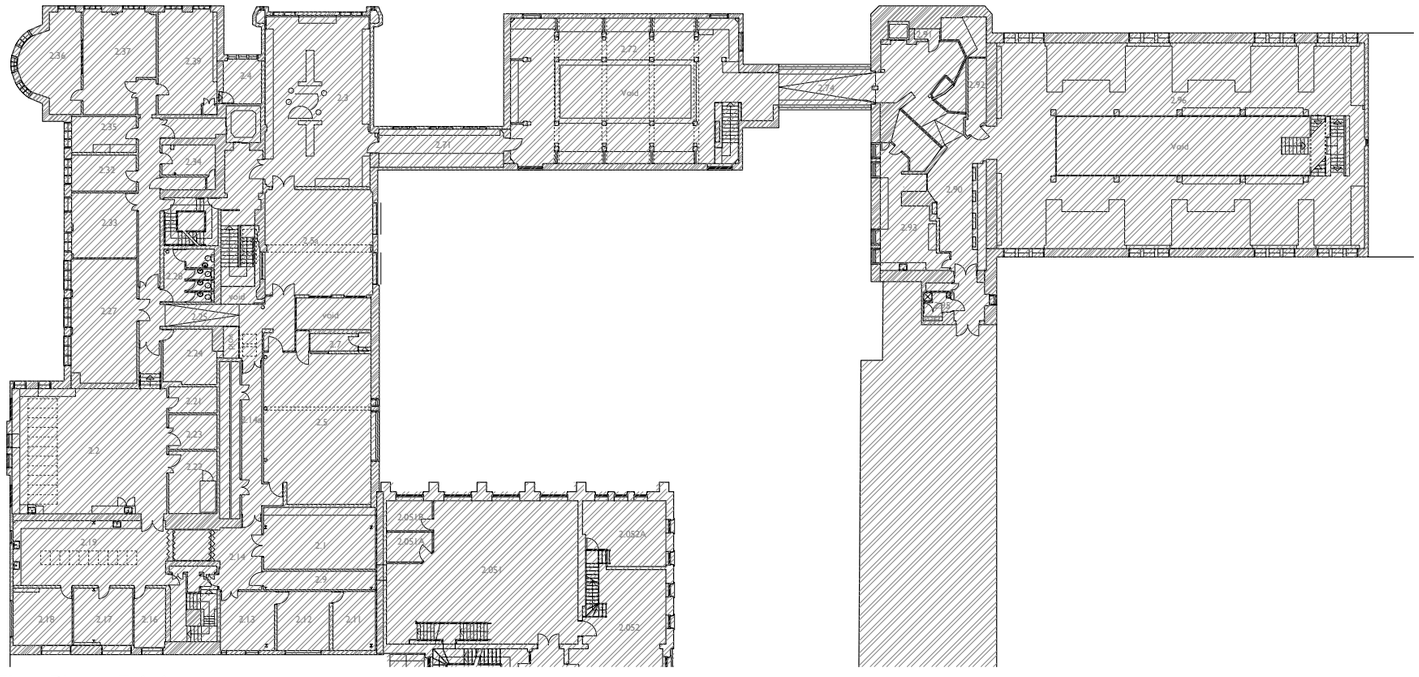
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| **PROJECT** | Mancheser Museum Courtyard |
| **DRAWING TITLE** | 6137-PUR-MMC-1-DR-A-0111 First Floor Plan Existing |
| **SIZE & SCALE** | A1L As shown @ A1 |
| **DRAWING STATUS** | ISSUED FOR PLANNING |
| **JOB NUMBER** | 237010 |
| **DRAWING NO.** | 111 |
| **REVISION** | C |

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**2 / 112** **Second Floor Mezzanine Plan as Existing**
**1:200 @ A1**




**1 / 112** **Second Floor Plan as Existing**
**1:200 @ A1**

**Notes:**

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Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

**Key Plan**
not to scale

Room Key

| | | | |
|---|---|---|---|
| 2.1 | Store | 2.34 | Store |
| 2.2 | Office | 2.35 | Office |
| 2.3 | Gallery | 2.36 | Office |
| 2.4 | Office | 2.37 | Office |
| 2.5 | Kanaris theatre | 2.38 | Corridor |
| 2.5a | Kanaris theatre foyer | 2.39 | Office |
| 2.7 | Projector room | 2.71 | Gallery |
| 2.9 | Store | 2.72 | Museum |
| 2.11 | Store | 2.74 | Link Bridge |
| 2.12 | Store | 2.90 | Vivarium |
| 2.13 | Office | 2.91 | Store |
| 2.14 | Corridor | 2.92 | Store |
| 2.14a | Corridor | 2.93 | Staff area |
| 2.16 | Office | 2.95 | Staff Shower |
| 2.17 | Office | 2.96 | Animal gallery |
| 2.18 | Office | | |
| 2.19 | Office | | |
| 2.21 | Store | 2.051 | Office |
| 2.22 | Office | 2.051A | Office |
| 2.23 | Office | 2.051B | Office |
| 2.24 | Meeting Room | 2.052 | Office |
| 2.25 | Bridge | 2.052A | Office |
| 2.27 | Conference Room | | |
| 2.28 | Unisex WC | M2.001 | Office |
| 2.32 | Office | M2.001A | Office |
| 2.33 | Office | M2.002 | Meeting room |

Key

Areas outside of current scope

0 2 m 4 m 6 m 8 m 10 m 20 m

| ISSUE | DATE | DRAWN | CHECKED | DESCRIPTION |
|---|---|---|---|---|
| B | 24/11/2017 | SS | SK | |
| - | - | - | - | |
| A | 19/12/2016 | SH | | Room names updated |
| First Issue | 31/03/2017 | HW | SK | |

| | |
|---|---|
| **CLIENT** | University of Manchester |
| **PROJECT** | Mancheser Museum Courtyard |
| **DRAWING TITLE** | 6137-PUR-MMC-2-DR-A-0112<br>Second Floor Plan Existing |
| **SIZE & SCALE** | A1L As shown @ A1 |
| **DRAWING STATUS** | ISSUED FOR PLANNING |
| **JOB NUMBER** | 237010 |
| **DRAWING NO.** | 112 |
| **REVISION** | B |

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# APPENDIX D
## PHOTOGRAPHIC REGISTER

| Photo Number | X (XX).JPG | Area | Direction To | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|
| B77_ | 1 | Room B77 Life Lab | NW | 13/09/2018 | General view NW | BK | P |
| B77_ | 2 | Room B77 Life Lab | NW | 13/09/2018 | General view NW | BK | L |
| B77_ | 3 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | L |
| B77_ | 4 | Room B77 Life Lab | SE | 13/09/2018 | General view SE | BK | L |
| B77_ | 5 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | P |
| B77_ | 6 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | P |
| B77_ | 7 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | P |
| B77_ | 8 | Room B77 Life Lab | SW | 13/09/2018 | Window BW09 | BK | P |
| B77_ | 9 | Room B77 Life Lab | SE | 13/09/2018 | Column | BK | P |
| B77_ | 10 | Room B77 Life Lab | S | 13/09/2018 | SW wall | BK | P |
| B77_ | 11 | Room B77 Life Lab | NW | 13/09/2018 | General view NW | BK | P |
| B77_ | 12 | Room B77 Life Lab | N | 13/09/2018 | Column and NE wall | BK | P |
| B77_ | 13 | Room B77 Life Lab | S | 13/09/2018 | SW wall | BK | P |
| B77_ | 14 | Room B77 Life Lab | SW | 13/09/2018 | Window BW10 | BK | P |
| B77_ | 15 | Room B77 Life Lab | SW | 13/09/2018 | Window BW11 | BK | P |
| B77_ | 16 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | P |
| B77_ | 17 | Room B77 Life Lab | | 13/09/2018 | Ceiling | BK | P |
| B77_ | 18 | Room B77 Life Lab | SE | 13/09/2018 | Pilaster SE wall | BK | L |
| B77_ | 19 | Room B77 Life Lab | SE | 13/09/2018 | Pilaster SE wall | BK | P |
| B77_ | 20 | Room B77 Life Lab | NW | 13/09/2018 | Flooring | BK | P |
| B77_ | 21 | Room B77 Life Lab | NW | 13/09/2018 | Flooring | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| B78 | 1 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | P |
| B78 | 2 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | L |
| B78 | 3 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | L |
| B78 | 4 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | L |
| B78 | 5 | Lightwell | E | Ex | 13/09/2018 | External view of windows BW12 and BW 13 | BK | P |
| B78 | 6 | Lightwell | N | Ex | 13/09/2018 | Exterior Window BW12 | BK | P |
| B78 | 7 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | P |
| B78 | 8 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | P |
| B78 | 9 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | P |
| B78 | 10 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | P |
| B78 | 11 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | L |
| B78 | 12 | Lightwell | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | L |
| B78 | 13 | Room B78 Store | E | Int | 13/09/2018 | Exterior Window BW13 | BK | P |
| B78 | 14 | Room B78 Store | E | Int | 13/09/2018 | Exterior Window BW13 | BK | P |
| B78 | 15 | Room B78 Store | SW | Int | 13/09/2018 | Door number | BK | L |
| B78 | 16 | Room B78 Store | SW | Int | 13/09/2018 | Door frame from corridor B74 | BK | P |
| B78 | 17 | Room B78 Store | SW | Int | 13/09/2018 | Flooring | BK | P |
| B78 | 18 | Room B78 Store | N | Int | 13/09/2018 | Pilaster to NW wall | BK | L |
| B78 | 19 | Room B78 Store | SE | Int | 13/09/2018 | General view SE | BK | P |
| B78 | 20 | Room B78 Store | NW | Int | 13/09/2018 | General view NW | BK | P |
| B78 | 21 | Room B78 Store | NE | Int | 13/09/2018 | Cupboard | BK | P |
| B78 | 22 | Room B78 Store | NE | Int | 13/09/2018 | Cupboard | BK | L |
| B78 | 23 | Room B78 Store | SW | Int | 13/09/2018 | Interior window BW13 | BK | P |
| B78 | 24 | Room B78 Store | SW | Int | 13/09/2018 | Detail of window catch BW13 | BK | P |
| B78 | 25 | Room B78 Store | SW | Int | 13/09/2018 | Interior window BW13 | BK | P |
| B78 | 26 | Room B78 Store | SW | Int | 13/09/2018 | Interior window BW13 | BK | P |
| B78 | 27 | Room B78 Store | NW | Int | 13/09/2018 | Ceiling | BK | P |
| B78 | 28 | Room B78 Store | SW | Int | 13/09/2018 | Interior Window BW12 | BK | P |
| B78 | 29 | Room B78 Store | SW | Int | 13/09/2018 | Interior Window BW12 | BK | P |
| B78 | 30 | Room B78 Store | SW | Int | 13/09/2018 | Interior Window BW12 | BK | P |
| B78 | 31 | Room B78 Store | SW | Int | 13/09/2018 | Interior Window BW12 | BK | P |
| B78 | 32 | Room B78 Store | SW | Int | 13/09/2018 | Blind to BW13 | BK | L |
| B78 | 33 | Room B78 Store | SW | Int | 13/09/2018 | Blind to BW12 | BK | L |
| B78 | 34 | Room B78 Store | SW | Int | 13/09/2018 | Trunking to BW12 | BK | L |
| B78 | 35 | Room B78 Store | SW | Int | 13/09/2018 | Trunking to BW13 | BK | P |
| B78 | 36 | Room B78 Store | SW | Int | 13/09/2018 | Interior window BW13 | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Dental Hosp NW elevations | 1 | Bridgeford Street | S | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | l |
| Dental Hosp NW elevations | 2 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | l |
| Dental Hosp NW elevations | 3 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 4 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 5 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 6 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 7 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 8 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 9 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 10 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 11 | Bridgeford Street | SE | Ex | 13/09/2018 | Exterior Windows GW23 and GW25 | BK | l |
| Dental Hosp NW elevations | 12 | Bridgeford Street | SE | Ex | 13/09/2018 | Exterior Window GW25 | BK | l |
| Dental Hosp NW elevations | 13 | Bridgeford Street | S | Ex | 13/09/2018 | Exterior Window GW26 | BK | p |
| Dental Hosp NW elevations | 14 | Bridgeford Street | S | Ex | 13/09/2018 | Exterior Window GW27 | BK | p |
| Dental Hosp NW elevations | 15 | Bridgeford Street | S | Ex | 13/09/2018 | Exterior Window GW27 | BK | p |
| Dental Hosp NW elevations | 16 | Bridgeford Street | S | Ex | 13/09/2018 | Wall and access gate to basement | BK | p |
| Dental Hosp NW elevations | 17 | Bridgeford Street | S | Ex | 13/09/2018 | Exterior Windows GW26 and GW27 | BK | l |
| Dental Hosp NW elevations | 18 | Bridgeford Street | SE | Ex | 13/09/2018 | Exterior Window GW26 | BK | l |
| Dental Hosp NW elevations | 19 | Bridgeford Street | SE | Ex | 13/09/2018 | Ramp access | BK | l |
| Dental Hosp NW elevations | 20 | Bridgeford Street | S | Ex | 13/09/2018 | Ramp access | BK | l |
| Dental Hosp NW elevations | 21 | Bridgeford Street | S | Ex | 13/09/2018 | Ramp access | BK | l |
| Dental Hosp NW elevations | 22 | Bridgeford Street | SE | Ex | 13/09/2018 | Ramp access | BK | l |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Dental Hosp NW elevations | 23 | Bridgeford Street | SE | Ex | 13/09/2018 | Retaining wall to ramp and steps | BK | l |
| Dental Hosp NW elevations | 24 | Bridgeford Street | E | Ex | 13/09/2018 | Steps | BK | l |
| Dental Hosp NW elevations | 25 | Bridgeford Street | SE | Ex | 13/09/2018 | Detail of railings to lightwell retaining wall | BK | l |
| Dental Hosp NW elevations | 26 | Bridgeford Street | E | Ex | 13/09/2018 | Lightwell retaining wall | BK | l |
| Dental Hosp NW elevations | 27 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | p |
| Dental Hosp NW elevations | 28 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | l |
| Dental Hosp NW elevations | 29 | Bridgeford Street | SE | Ex | 13/09/2018 | General View of Bridgeford St elevation | BK | l |
| Dental Hosp NW elevations | 30 | Bridgeford Street | E | Ex | 13/09/2018 | Staff access (R) and café emergency exit (L) | BK | l |
| Dental Hosp NW elevations | 31 | Bridgeford Street | SE | Ex | 13/09/2018 | Exterior Window GW25 | BK | l |
| Dental Hosp NW elevations | 32 | Bridgeford Street | SE | Ex | 13/09/2018 | Exterior Window GW25 | BK | l |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Courtyard elevations | 1 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building and Howarth Building | BK | L |
| Courtyard elevations | 2 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | L |
| Courtyard elevations | 3 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 4 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 5 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 6 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building and Howarth Building | BK | P |
| Courtyard elevations | 7 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building and Howarth Building | BK | P |
| Courtyard elevations | 8 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building | BK | P |
| Courtyard elevations | 9 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building and Howarth Building | BK | L |
| Courtyard elevations | 10 | Courtyard | NE | Ex | 13/09/2018 | 1913 Building and Howarth Building | BK | P |
| Courtyard elevations | 11 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 12 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 13 | Courtyard | NW | Ex | 13/09/2018 | Infill Building and picnic area | BK | P |
| Courtyard elevations | 14 | Courtyard | E | Ex | 13/09/2018 | Courtyard ramp and railings | BK | L |
| Courtyard elevations | 15 | Courtyard | N | Ex | 13/09/2018 | Courtyard ramp and railings | BK | L |
| Courtyard elevations | 16 | Courtyard | NE | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 17 | Courtyard | N | Ex | 13/09/2018 | Howarth Building | BK | P |
| Courtyard elevations | 18 | Courtyard | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | P |
| Courtyard elevations | 19 | Courtyard | NE | Ex | 13/09/2018 | Exterior Window BW12 | BK | P |
| Courtyard elevations | 20 | Courtyard | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | P |
| Courtyard elevations | 21 | Courtyard | NE | Ex | 13/09/2018 | Exterior Window BW13 | BK | L |
| Courtyard elevations | 22 | Courtyard | N | Ex | 13/09/2018 | Exterior windows BW 12 and 13 | BK | L |
| Courtyard elevations | 23 | Courtyard | NW | Ex | 13/09/2018 | 1927 Building | BK | P |
| Courtyard elevations | 24 | Courtyard | NW | Ex | 13/09/2018 | 1927 Building | BK | P |
| Courtyard elevations | 25 | Courtyard | N | Ex | 13/09/2018 | Sunken planter in courtyard | BK | L |
| Courtyard elevations | 26 | Courtyard | N | Ex | 13/09/2018 | Railings to Howarth Building and 1913 Building | BK | L |
| Courtyard elevations | 27 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 28 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 29 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 30 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | L |
| Courtyard elevations | 31 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | L |
| Courtyard elevations | 32 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Courtyard elevations | 33 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | L |
| Courtyard elevations | 34 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 35 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 36 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 37 | Courtyard | SW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 38 | Courtyard | NW | Ex | 13/09/2018 | Rutherford Building | BK | P |
| Courtyard elevations | 39 | Courtyard | NW | Ex | 13/09/2018 | Infill Building and courtyard | BK | P |
| Courtyard elevations | 40 | Courtyard | NW | Ex | 13/09/2018 | Infill Building and 1927 Building | BK | L |
| Courtyard elevations | 41 | Courtyard | NW | Ex | 13/09/2018 | Rutherford Building from Coupland Street | BK | P |
| Courtyard elevations | 42 | Courtyard | NW | Ex | 13/09/2018 | Rutherford Building, Infill Building and courtyard from Coupland Street | BK | L |
| Courtyard elevations | 43 | Courtyard | NW | Ex | 13/09/2018 | Howarth Building from Coupland Street | BK | L |
| Courtyard elevations | 44 | Coupland Street | NE | Ex | 13/09/2018 | Coupland Street - entrance from Oxford Road | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 1 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lightwell to Haworth Building SE end | BK | P |
| Haworth Lightwell | 2 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell to Haworth Building SE end | BK | P |
| Haworth Lightwell | 3 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell to Haworth Building SE end | BK | P |
| Haworth Lightwell | 4 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell to Haworth Building SE end | BK | P |
| Haworth Lightwell | 5 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell surfacing and drainage lower level | BK | L |
| Haworth Lightwell | 6 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | General view NW along lower lightwell | BK | P |
| Haworth Lightwell | 7 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | General view NW along lower lightwell | BK | P |
| Haworth Lightwell | 8 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | General view NW along lower lightwell | BK | P |
| Haworth Lightwell | 9 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | General view NW along lower lightwell | BK | P |
| Haworth Lightwell | 10 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | General view SE along lower lightwell | BK | P |
| Haworth Lightwell | 11 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | View SE along lower level of lightwell | BK | L |
| Haworth Lightwell | 12 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | View SE along lower level of lightwell | BK | L |
| Haworth Lightwell | 13 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | View SE along lower level of lightwell | BK | P |
| Haworth Lightwell | 14 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | View SE along lower level of lightwell | BK | P |
| Haworth Lightwell | 15 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | View SE along lower level of lightwell | BK | P |
| Haworth Lightwell | 16 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Detail lower retaining wall to Haworth Building lightwell | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 17 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Detail lower retaining wall to Haworth Building lightwell | BK | L |
| Haworth Lightwell | 18 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Detail lower retaining wall to Haworth Building lightwell | BK | L |
| Haworth Lightwell | 19 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Buttress to lower retaining wall | BK | P |
| Haworth Lightwell | 20 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Buttress to lower retaining wall | BK | P |
| Haworth Lightwell | 21 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | P |
| Haworth Lightwell | 22 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | P |
| Haworth Lightwell | 23 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | P |
| Haworth Lightwell | 25 | Lightwell to Haworth Building & Extns | NE | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | P |
| Haworth Lightwell | 26 | Lightwell to Haworth Building & Extns | E | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | L |
| Haworth Lightwell | 27 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lightwell below 1927 Building | BK | P |
| Haworth Lightwell | 30 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Access steps to upper level of lightwell | BK | P |
| Haworth Lightwell | 31 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Access steps to upper level of lightwell | BK | P |
| Haworth Lightwell | 32 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | Upper retaining wall junction amd coping stones | BK | P |
| Haworth Lightwell | 33 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Upper level of lightwell | BK | P |
| Haworth Lightwell | 34 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Upper level of lightwell | BK | P |
| Haworth Lightwell | 35 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Top of lower retaining wall | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 36 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Top of lower retaining wall | BK | P |
| Haworth Lightwell | 37 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | Junction to upper retaining wall | BK | P |
| Haworth Lightwell | 38 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | General view of stair parapet and junction to upper retaining wall | BK | L |
| Haworth Lightwell | 39 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 40 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 41 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 42 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 43 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 44 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 45 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 46 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 47 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 48 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper retaining wall from SE to NW | BK | L |
| Haworth Lightwell | 49 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | P |
| Haworth Lightwell | 50 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 51 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 52 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 53 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 54 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 55 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 56 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 57 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 58 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 59 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 60 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 61 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE (including modern access ladder) | BK | L |
| Haworth Lightwell | 62 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE (including modern access ladder) | BK | L |
| Haworth Lightwell | 63 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Lower retaining wall from NW to SE | BK | L |
| Haworth Lightwell | 64 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 65 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 66 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 67 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 68 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 69 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 70 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Lower retaining wall to lightwell to 1927 Building | BK | L |
| Haworth Lightwell | 71 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper level of lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 72 | Lightwell to Haworth Building & Extns | SW | Ex | 13/09/2018 | Upper level of lightwell to 1927 Building | BK | P |
| Haworth Lightwell | 73 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Upper level of lightwell to Howarth Building | BK | P |
| Haworth Lightwell | 74 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Upper retaining wall and railings to Howarth Building | BK | P |
| Haworth Lightwell | 75 | Lightwell to Haworth Building & Extns | SE | Ex | 13/09/2018 | Upper level of lightwell to Howarth Building | BK | P |
| Haworth Lightwell | 76 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | Detail of copings to junction of upper retaining wall, SE end of Howarth lightwell | BK | P |
| Haworth Lightwell | 77 | Lightwell to Haworth Building & Extns | S | Ex | 13/09/2018 | Detail of junction of upper retaining wall, SE end of Howarth lightwell | BK | P |
| Haworth Lightwell | 78 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 79 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 80 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 81 | Lightwell to Haworth Building & Extns | W | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 82 | Lightwell to Haworth Building & Extns | W | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 83 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Haworth Lightwell | 84 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Haworth Lightwell | 85 | Lightwell to Haworth Building & Extns | NW | Ex | 13/09/2018 | Lightwell of Howarth Building seen from courtyard level | BK | P |
| Infill and Rutherford lightwell | 1 | Lightwell to infill building | NW | Ex | 13/09/2018 | Top of access ladder to Infill Building lightwell. Note historic copings | BK | L |
| Infill and Rutherford lightwell | 2 | Lightwell to infill building | W | Ex | 13/09/2018 | Infill Building lightwell and Infill Building basement windows | BK | L |
| Infill and Rutherford lightwell | 3 | Lightwell to infill building | SW | Ex | 13/09/2018 | Concrete retining wall to Infill Building lightwell | BK | L |
| Infill and Rutherford lightwell | 4 | Lightwell to infill building | SW | Ex | 13/09/2018 | General view along Infill Building lightwell | BK | L |
| Infill and Rutherford lightwell | 5 | Lightwell to infill building | SE | Ex | 13/09/2018 | SW end of lightwell and access ladder, looking into Rutherford lightwell | BK | P |
| Infill and Rutherford lightwell | 6 | Lightwell to infill building | NE | Ex | 13/09/2018 | General view along Infill Building lightwell and access bridge | BK | L |
| Infill and Rutherford lightwell | 7 | Lightwell to infill building | NE | Ex | 13/09/2018 | General view along Infill Building lightwell and access bridge | BK | P |
| Infill and Rutherford lightwell | 8 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell showing flying buttresses | BK | P |
| Infill and Rutherford lightwell | 9 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell showing flying buttresses | BK | P |
| Infill and Rutherford lightwell | 10 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell showing flying buttresses | BK | P |
| Infill and Rutherford lightwell | 11 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell showing flying buttresses | BK | P |
| Infill and Rutherford lightwell | 12 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell showing flying buttresses | BK | P |
| Infill and Rutherford lightwell | 13 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell SE end showing metal braces | BK | P |
| Infill and Rutherford lightwell | 14 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | View along Rutherford Lightwell SE end | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Infill and Rutherford lightwell | 15 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | SE end Rutherford Lightwell showing junction with original lightwell | BK | P |
| Infill and Rutherford lightwell | 16 | Lightwell to Rutherford Building | E | Ex | 13/09/2018 | SE end of Rutherford lightwell looking up at historic railings (R) and modern railings (L) | BK | L |
| Infill and Rutherford lightwell | 17 | Lightwell to Rutherford Building | NE | Ex | 13/09/2018 | SE end of Rutherford lightwell looking up at modern railings | BK | L |
| Infill and Rutherford lightwell | 18 | Lightwell to Rutherford Building | NW | Ex | 13/09/2018 | View along Rutherford Lightwell looking NW | BK | P |
| Infill and Rutherford lightwell | 19 | Lightwell to Rutherford Building | NW | Ex | 13/09/2018 | Concrete slab flooring | BK | P |
| Infill and Rutherford lightwell | 20 | Lightwell to Rutherford Building | NW | Ex | 13/09/2018 | View along Rutherford Lightwell looking NW - air condition unit and blocked opening (L) | BK | P |
| Infill and Rutherford lightwell | 21 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked opening in bay 1, SE end | BK | P |
| Infill and Rutherford lightwell | 22 | Lightwell to Rutherford Building | NW | Ex | 13/09/2018 | Metal braces | BK | L |
| Infill and Rutherford lightwell | 23 | Lightwell to Rutherford Building | NE | Ex | 13/09/2018 | Drains | BK | P |
| Infill and Rutherford lightwell | 24 | Lightwell to Rutherford Building | NE | Ex | 13/09/2018 | Building break | BK | P |
| Infill and Rutherford lightwell | 25 | Lightwell to Rutherford Building | NE | Ex | 13/09/2018 | Building break | BK | P |
| Infill and Rutherford lightwell | 26 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Window sill in bay 2 | BK | P |
| Infill and Rutherford lightwell | 27 | Lightwell to Rutherford Building | SW | Ex | 13/09/2018 | Windows above in bay 2 | BK | P |
| Infill and Rutherford lightwell | 28 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Window sill in bay 2 | BK | L |
| Infill and Rutherford lightwell | 29 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 2 | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Infill and Rutherford lightwell | 30 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 3 | BK | P |
| Infill and Rutherford lightwell | 31 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 3 | BK | P |
| Infill and Rutherford lightwell | 32 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 3 | BK | P |
| Infill and Rutherford lightwell | 34 | Lightwell to Rutherford Building | N | Ex | 13/09/2018 | Metal brackets | BK | L |
| Infill and Rutherford lightwell | 35 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 3 | BK | L |
| Infill and Rutherford lightwell | 36 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Sill to blocked window in bay 4 | BK | L |
| Infill and Rutherford lightwell | 37 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 4 | BK | L |
| Infill and Rutherford lightwell | 38 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Windows above in bay 4 | BK | P |
| Infill and Rutherford lightwell | 39 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 4 | BK | P |
| Infill and Rutherford lightwell | 40 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 4 | BK | P |
| Infill and Rutherford lightwell | 41 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 4 | BK | L |
| Infill and Rutherford lightwell | 42 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 4 | BK | P |
| Infill and Rutherford lightwell | 43 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |
| Infill and Rutherford lightwell | 44 | Lightwell to Rutherford Building | S | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |
| Infill and Rutherford lightwell | 45 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Infill and Rutherford lightwell | 46 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |
| Infill and Rutherford lightwell | 47 | Lightwell to Rutherford Building | W | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |
| Infill and Rutherford lightwell | 48 | Lightwell to Rutherford Building | SW | Ex | 13/09/2018 | Blocked window in bay 5, NW end | BK | P |
| Infill and Rutherford lightwell | 49 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | General view along Rutherford Building lightwell | BK | P |
| Infill and Rutherford lightwell | 50 | Lightwell to Rutherford Building | SE | Ex | 13/09/2018 | General view along Rutherford Building lightwell | BK | P |
| Infill and Rutherford lightwell | 51 | Lightwell to Infill Building | NE | Ex | 13/09/2018 | Access steps to Infill Building lightwell | BK | P |
| Infill and Rutherford lightwell | 52 | Lightwell to Infill Building | S | Ex | 13/09/2018 | Beneath Infill Building bridge | BK | L |
| Infill and Rutherford lightwell | 53 | Lightwell to Infill Building | SW | Ex | 13/09/2018 | Infill Building lightwell | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G1_4_5_6 | 1 | G5 | NW | Int | 13/09/2018 | Museum entrance lobby looking at entrance doors to G13 | BK | L |
| G1_4_5_6 | 2 | G6 | SW | Int | 13/09/2018 | Museum shop | BK | L |
| G1_4_5_6 | 3 | G4 | NW | Int | 13/09/2018 | 1927 Building hall - location of former window | BK | P |
| G1_4_5_6 | 4 | G4 | NW | Int | 13/09/2018 | 1927 Building hall - location of former window | BK | P |
| G1_4_5_6 | 5 | G4 | NW | Int | 13/09/2018 | 1927 Building hall - location of proposed opening | BK | P |
| G1_4_5_6 | 6 | G4 | NWNW | Int | 13/09/2018 | 1927 Building hall - location of proposed opening | BK | L |
| G1_4_5_6 | 7 | G4 | NW | Int | 13/09/2018 | Pilaster base L | BK | L |
| G1_4_5_6 | 8 | G4 | W | Int | 13/09/2018 | Pilaster base R | BK | L |
| G1_4_5_6 | 9 | G4 | W | Int | 13/09/2018 | 1927 Building hall - location of proposed opening | BK | P |
| G1_4_5_6 | 10 | G4 | W | Int | 13/09/2018 | 1927 Building hall - location of proposed opening | BK | P |
| G1_4_5_6 | 11 | G1 | E | Int | 13/09/2018 | Lift lobby - location of proposed opening | BK | P |
| G1_4_5_6 | 12 | G1 | SE | Int | 13/09/2018 | Lift lobby - location of proposed opening | BK | L |
| G1_4_5_6 | 13 | G1 | S | Int | 13/09/2018 | Lift lobby - location of proposed opening | BK | P |
| G1_4_5_6 | 14 | G1 | SE | Int | 13/09/2018 | Lift lobby - location of proposed opening | BK | P |
| G1_4_5_6 | 15 | G1 | SW | Int | 13/09/2018 | Lokking at S1stair well - location of proposed new stair | BK | P |
| G1_4_5_6 | 16 | G1/S1 | SW | Int | 13/09/2018 | Stair well - location of proposed new stair | BK | P |
| G1_4_5_6 | 17 | G1 | NE | Int | 13/09/2018 | Lift lobby | BK | P |
| G1_4_5_6 | 18 | G1/ S1 | E | Int | 13/09/2018 | Stair well S1 -exposed wall to 1927 Building external wall | BK | P |
| G1_4_5_6 | 19 | G1/ S1 | S | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | P |
| G1_4_5_6 | 20 | G1/ S1 | S | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | PP |
| G1_4_5_6 | 21 | G1/ S1 | SW | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | P |
| G1_4_5_6 | 22 | G1/ S1 | SW | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | L |
| G1_4_5_6 | 23 | G1/ S1 | SW | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | L |
| G1_4_5_6 | 24 | G1/ S1 | SW | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | L |
| G1_4_5_6 | 25 | G1/ S1 | SW | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | P |
| G1_4_5_6 | 26 | G1/ S1 | NE | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G1_4_5_6 | 27 | G1/ S1 | NE | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | P |
| G1_4_5_6 | 28 | G5/ S1 | NE | Int | 13/09/2018 | Stair well from G5 | BK | P |
| G1_4_5_6 | 29 | G5/ S1 | NE | Int | 13/09/2018 | Stair well from G5 | BK | P |
| G1_4_5_6 | 30 | G5/ S1 | NE | Int | 13/09/2018 | Stair well from G5 | BK | P |
| G1_4_5_6 | 31 | G5/ S1 | SE | Int | 13/09/2018 | Stair well -exposed wall to 1927 Building external wall | BK | L |
| G1_4_5_6 | 32 | G5 | SE | Int | 13/09/2018 | Exposed external wall of 1927 Building | BK | P |
| G1_4_5_6 | 33 | G5 | SE | Int | 13/09/2018 | Museum entrance looking into courtyard | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G13 Temp Exhibition | 1 | G5 | NW | Int | 13/09/2018 | View from G5 Museum entrance towards entrance to G13 | BK | L |
| G13 Temp Exhibition | 2 | G13A | NE | Int | 13/09/2018 | General view NE | BK | L |
| G13 Temp Exhibition | 3 | G13A | SE | Int | 13/09/2018 | Entrance Doors | BK | L |
| G13 Temp Exhibition | 4 | G13A | SE | Int | 13/09/2018 | Service panel R of entrance doors revealing brickwork | BK | P |
| G13 Temp Exhibition | 5 | G13A | SE | Int | 13/09/2018 | Service panel R of entrance doors revealing brickwork | BK | P |
| G13 Temp Exhibition | 6 | G13 | SW | Int | 13/09/2018 | General view SW into G13 from G13A | BK | P |
| G13 Temp Exhibition | 7 | G13 | W | Int | 13/09/2018 | General view | BK | L |
| G13 Temp Exhibition | 8 | G13 | W | Int | 13/09/2018 | Ceiling rafts | BK | L |
| G13 Temp Exhibition | 9 | G13 | NE | Int | 13/09/2018 | Room division | BK | L |
| G13 Temp Exhibition | 10 | G13 | NE | Int | 13/09/2018 | NE wall | BK | L |
| G13 Temp Exhibition | 11 | G13 | NE | Int | 13/09/2018 | Ceiling rafts and ceiling joist | BK | L |
| G13 Temp Exhibition | 13 | G13 | NE | Int | 13/09/2018 | Ceiling rafts and ceiling joist | BK | P |
| G13 Temp Exhibition | 14 | G13 | NE | Int | 13/09/2018 | View to NE wall | BK | L |
| G13 Temp Exhibition | 15 | G13 | NE | Int | 13/09/2018 | View to NE wall N end | BK | L |
| G13 Temp Exhibition | 16 | G13 | NE | Int | 13/09/2018 | Ceiling | BK | P |
| G13 Temp Exhibition | 17 | G13 | E | Int | 13/09/2018 | General view E | BK | L |
| G13 Temp Exhibition | 18 | G13 | S | Int | 13/09/2018 | General view S | BK | L |
| G13 Temp Exhibition | 19 | G13 | NW | Int | 13/09/2018 | General view | BK | L |
| G13 Temp Exhibition | 20 | G13 | N | Int | 13/09/2018 | View to SE wall | BK | L |
| G13 Temp Exhibition | 21 | G13A | NW | Int | 13/09/2018 | View to SE wall | BK | L |
| G13 Temp Exhibition | 22 | G13A | SW | Int | 13/09/2018 | General view with cast iron (?) columns | BK | P |
| G13 Temp Exhibition | 23 | G13A | NE | Int | 13/09/2018 | General view with cast iron (?) columns | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G13 Temp Exhibition | 24 | G13A | W | Int | 13/09/2018 | General view with cast iron (?) columns | BK | L |
| G13 Temp Exhibition | 25 | G13A | S | Int | 13/09/2018 | General view | BK | L |
| G13 Temp Exhibition | 26 | G13A | S | Int | 13/09/2018 | General view | BK | P |
| G13 Temp Exhibition | 27 | G13 | SW | Int | 13/09/2018 | Ceiling SW | BK | L |
| G13 Temp Exhibition | 28 | G13A | SW | Int | 13/09/2018 | Ceiling NE | BK | L |
| G13 Temp Exhibition | 29 | G13 | SE | Int | 13/09/2018 | Entrance Doors | BK | P |
| G13 Temp Exhibition | 30 | G13 | SE | Int | 13/09/2018 | Entrance Doors | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G14_G18 Café Prep | 1 | G18 | NE | Int | 13/09/2018 | Entrance lobby and hot water boiler | BK | P |
| G14_G18 Café Prep | 2 | G18 | E | Int | 13/09/2018 | Entrance door | BK | P |
| G14_G18 Café Prep | 3 | G18 | NE | Int | 13/09/2018 | Entrance lobby ceiling | BK | P |
| G14_G18 Café Prep | 4 | G18 | | Int | 13/09/2018 | Ceiling to entrance lobby and main prep area | BK | L |
| G14_G18 Café Prep | 5 | G18 | N | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 6 | G18 | NE | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 7 | G18 | NE | Int | 13/09/2018 | Main prepa area ceiling | BK | P |
| G14_G18 Café Prep | 8 | G18 | N | Int | 13/09/2018 | Main prepa area ceiling | BK | L |
| G14_G18 Café Prep | 9 | G18 | NW | Int | 13/09/2018 | Window GW25 | BK | L |
| G14_G18 Café Prep | 10 | G18 | NE | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 11 | G18 | NE | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 12 | G18 | NE | Int | 13/09/2018 | Main prep area | BK | L |
| G14_G18 Café Prep | 13 | G18 | NE | Int | 13/09/2018 | Main prep area ceiling | BK | L |
| G14_G18 Café Prep | 14 | G18 | NW | Int | 13/09/2018 | Hopper window to GW25 | BK | P |
| G14_G18 Café Prep | 15 | G18 | NE | Int | 13/09/2018 | Oblique view of GW25 | BK | P |
| G14_G18 Café Prep | 16 | G18 | NW | Int | 13/09/2018 | Radiator | BK | L |
| G14_G18 Café Prep | 17 | G18 | NW | Int | 13/09/2018 | Skirting | BK | P |
| G14_G18 Café Prep | 18 | G18 | NW | Int | 13/09/2018 | Flooring | BK | L |
| G14_G18 Café Prep | 19 | G18 | NE | Int | 13/09/2018 | Ceiling to main prep area | BK | L |
| G14_G18 Café Prep | 20 | G18A | E | Int | 13/09/2018 | Washing up area | BK | P |
| G14_G18 Café Prep | 21 | G18A | N | Int | 13/09/2018 | Window GW23 | BK | P |
| G14_G18 Café Prep | 22 | G18A | NE | Int | 13/09/2018 | Ceiling to washing up area | BK | L |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G14_G18 Café Prep | 23 | G18A | NE | Int | 13/09/2018 | Floor to washing up area | BK | P |
| G14_G18 Café Prep | 24 | G18 | SW | Int | 13/09/2018 | General view of main prep area | BK | L |
| G14_G18 Café Prep | 25 | G18 | S | Int | 13/09/2018 | General view of main prep area | BK | L |
| G14_G18 Café Prep | 26 | G18A | NW | Int | 13/09/2018 | General view of windows GW25 L and GW23 R | BK | L |
| G14_G18 Café Prep | 27 | G18A | NW | Int | 13/09/2018 | Window GW23 | BK | L |
| G14_G18 Café Prep | 28 | G15 | SW | Int | 13/09/2018 | View into G15 | BK | P |
| G14_G18 Café Prep | 29 | G15 | S | Int | 13/09/2018 | General viw of G15 | BK | P |
| G14_G18 Café Prep | 30 | G15 | SW | Int | 13/09/2018 | General viw of G15 | BK | P |
| G14_G18 Café Prep | 31 | G15 | N | Int | 13/09/2018 | Flooring in G15 | BK | L |
| G14_G18 Café Prep | 32 | G15 | NW | Int | 13/09/2018 | Window GW26 | BK | L |
| G14_G18 Café Prep | 33 | G15 | SW | Int | 13/09/2018 | Suspended ceiling | BK | L |
| G14_G18 Café Prep | 34 | G15 | N | Int | 13/09/2018 | Pipework | BK | L |
| G14_G18 Café Prep | 35 | G15 | SW | Int | 13/09/2018 | Looking towards G14 | BK | P |
| G14_G18 Café Prep | 36 | G14 | S | Int | 13/09/2018 | GW14 general view | BK | P |
| G14_G18 Café Prep | 37 | G14 | S | Int | 13/09/2018 | Suspended ceiling to GW14 | BK | P |
| G14_G18 Café Prep | 38 | G14 | SE | Int | 13/09/2018 | GW14 general view | BK | P |
| G14_G18 Café Prep | 39 | G14 | SW | Int | 13/09/2018 | Suspended ceiling to GW14 | BK | L |
| G14_G18 Café Prep | 40 | G15 | NE | Int | 13/09/2018 | General view of G15 | BK | L |
| G14_G18 Café Prep | 41 | G15 | N | Int | 13/09/2018 | General view of G15 and GW14 | BK | P |
| G14_G18 Café Prep | 42 | G15 | E | Int | 13/09/2018 | General view of G15 | BK | P |
| G14_G18 Café Prep | 43 | G18 | NE | Int | 13/09/2018 | Main prep area from G15 | BK | P |
| G14_G18 Café Prep | 44 | G18 | NE | Int | 13/09/2018 | Oblique view of GW25 | BK | P |

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| G14_G18 Café Prep | 45 | G18 | SE | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 46 | G18 | SW | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 47 | G18 | W | Int | 13/09/2018 | Main prep area | BK | P |
| G14_G18 Café Prep | 48 | G18 | W | Int | 13/09/2018 | Ceiling of main prep area | BK | L |
| G14_G18 Café Prep | 49 | G18 | SW | Int | 13/09/2018 | Door to G17 | BK | P |
| G14_G18 Café Prep | 50 | G17 | SW | Int | 13/09/2018 | General view | BK | P |
| G14_G18 Café Prep | 51 | G17 | SW | Int | 13/09/2018 | General view | BK | P |
| G14_G18 Café Prep | 52 | G17 | SW | Int | 13/09/2018 | Suspended ceiling | BK | L |
| G14_G18 Café Prep | 53 | G17 | SW | Int | 13/09/2018 | Suspended ceiling | BK | L |
| G14_G18 Café Prep | 54 | G17 | S | Int | 13/09/2018 | Door to G16 | BK | P |
| G14_G18 Café Prep | 55 | G16 | W | Int | 13/09/2018 | General view | BK | P |
| G14_G18 Café Prep | 56 | G16 | W | Int | 13/09/2018 | Suspended ceiling | BK | P |
| G14_G18 Café Prep | 57 | G16 | SW | Int | 13/09/2018 | Flooring | BK | P |
| G14_G18 Café Prep | 58 | G17 | NE | Int | 13/09/2018 | Door to G18 | BK | P |
| G14_G18 Café Prep | 59 | G17 | NW | Int | 13/09/2018 | Flooring | BK | L |

# PHOTOGRAPHIC REGISTER

| Photo Number | X (XX).JPG | Area | Direction To | Internal/ External | Date | Description | Taken By | Portrait/ Landscape |
|---|---|---|---|---|---|---|---|---|
| Living Cultures Gallery | 1 | Living Cultures Gallery 1.5 | N | Int | 13/09/2018 | Panels to stairwell S1. L to be removed | BK | L |
| Living Cultures Gallery | 2 | Living Cultures Gallery 1.5 | NW | Int | 13/09/2018 | Glazing panel to S1 | BK | P |
| Living Cultures Gallery | 3 | Living Cultures Gallery 1.5 | N | Int | 13/09/2018 | Oblique view | BK | P |
| Living Cultures Gallery | 4 | Living Cultures Gallery 1.5 | N | Int | 13/09/2018 | Glazed panel (L) to be removed | BK | L |
| Living Cultures Gallery | 5 | Living Cultures Gallery 1.5 | NW | Int | 13/09/2018 | Glazed panel (L) to be removed | BK | P |
| Living Cultures Gallery | 6 | Living Cultures Gallery 1.5 | N | Int | 13/09/2018 | Oblique view of wall to be removed | BK | P |
| Living Cultures Gallery | 7 | Living Cultures Gallery 1.5 | S | Int | 13/09/2018 | New opening to be formed in wall to L | BK | L |
| Living Cultures Gallery | 8 | Living Cultures Gallery 1.5 | SE | Int | 13/09/2018 | New opening to be formed in wall (middle) | BK | L |
| Living Cultures Gallery | 9 | Living Cultures Gallery 1.5 | S | Int | 13/09/2018 | View from S1 stairwall to exterior of Gallery showing glazed panel to be removed | BK | P |
| Living Cultures Gallery | 10 | Living Cultures Gallery 1.5 | SE | Int | 13/09/2018 | View from S1 stairwall to exterior of Gallery showing panel to be removed (centre) | BK | P |
| Living Cultures Gallery | 11 | Living Cultures Gallery 1.5 | S | Int | 13/09/2018 | View from S1 stairwall to exterior of Gallery showing glazed panel to be removed | BK | P |

# APPENDIX E
## PHOTOGRAPHIC RECORD

### COURTYARD ELEVATIONS

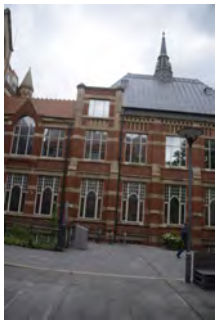

Courtyard Elevations (1)


Courtyard Elevations (2)


Courtyard Elevations (3)


Courtyard Elevations (4)


Courtyard Elevations (5)


Courtyard Elevations (6)


Courtyard Elevations (7)


Courtyard Elevations (8)


Courtyard Elevations (9)


Courtyard Elevations (10)


Courtyard Elevations (11)


Courtyard Elevations (12)

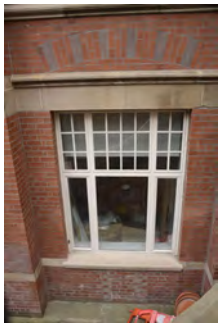

Courtyard Elevations (13)

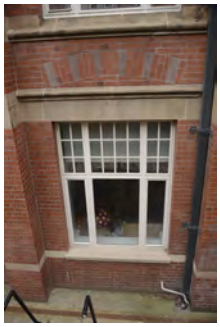

Courtyard Elevations (14)


Courtyard Elevations (15)


Courtyard Elevations (16)


Courtyard Elevations (17)


Courtyard Elevations (18)


Courtyard Elevations (19)


Courtyard Elevations (20)

## COURTYARD ELEVATIONS (CONT.)



Courtyard Elevations (21)



Courtyard Elevations (22)



Courtyard Elevations (23)



Courtyard Elevations (24)



Courtyard Elevations (25)



Courtyard Elevations (26)



Courtyard Elevations (27)



Courtyard Elevations (28)



Courtyard Elevations (29)



Courtyard Elevations (30)



Courtyard Elevations (31)



Courtyard Elevations (32)



Courtyard Elevations (33)



Courtyard Elevations (34)



Courtyard Elevations (35)



Courtyard Elevations (36)



Courtyard Elevations (37)



Courtyard Elevations (38)



Courtyard Elevations (39)



Courtyard Elevations (40)

## COURTYARD ELEVATIONS (CONT.)



Courtyard Elevations (41)



Courtyard Elevations (42)



Courtyard Elevations (43)



Courtyard Elevations (44)

## DENTAL HOSPITAL ELEVATIONS



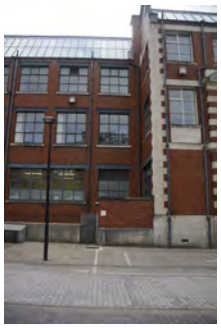
Dental Hosp NW Elevations (1)



Dental Hosp NW Elevations (2)



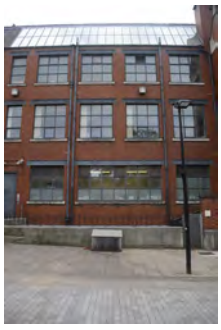
Dental Hosp NW Elevations (3)



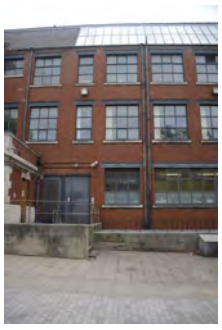
Dental Hosp NW Elevations (4)



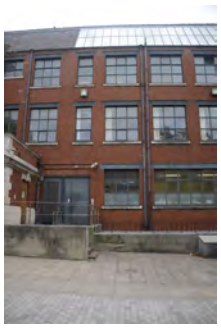
Dental Hosp NW Elevations (5)



Dental Hosp NW Elevations (6)



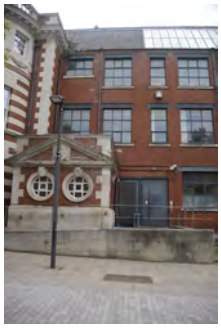
Dental Hosp NW Elevations (7)



Dental Hosp NW Elevations (8)



Dental Hosp NW Elevations (9)



Dental Hosp NW Elevations (10)

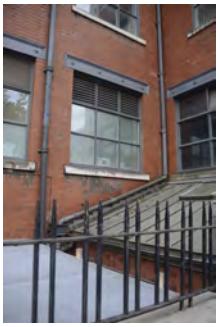


Dental Hosp NW Elevations (11)



Dental Hosp NW Elevations (12)

## DENTAL HOSPITAL ELEVATIONS (CONT.)


Dental Hosp NW Elevations (13)


Dental Hosp NW Elevations (14)


Dental Hosp NW Elevations (15)


Dental Hosp NW Elevations (16)


Dental Hosp NW Elevations (17)


Dental Hosp NW Elevations (18)


Dental Hosp NW Elevations (19)


Dental Hosp NW Elevations (20)


Dental Hosp NW Elevations (21)


Dental Hosp NW Elevations (22)


Dental Hosp NW Elevations (23)


Dental Hosp NW Elevations (24)


Dental Hosp NW Elevations (25)


Dental Hosp NW Elevations (26)


Dental Hosp NW Elevations (27)


Dental Hosp NW Elevations (28)


Dental Hosp NW Elevations (29)

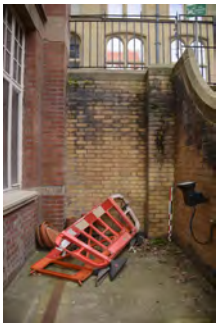

Dental Hosp NW Elevations (30)


Dental Hosp NW Elevations (31)

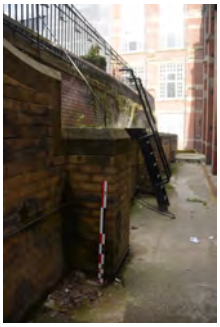

Dental Hosp NW Elevations (32)

## LIGHTWELLS

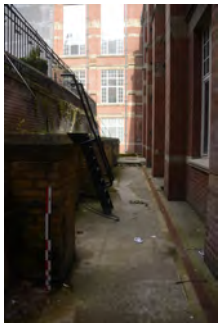
### Haworth Building



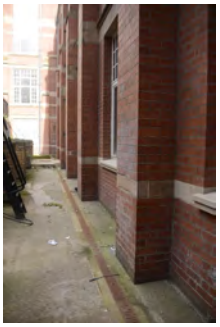
Haworth Lightwell (1)



Haworth Lightwell (2)



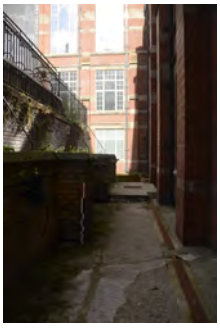
Haworth Lightwell (3)



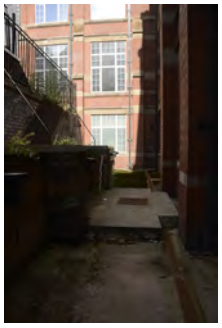
Haworth Lightwell (4)



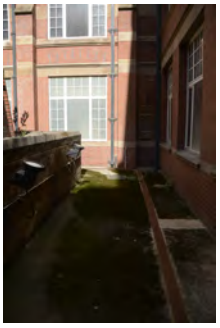
Haworth Lightwell (5)



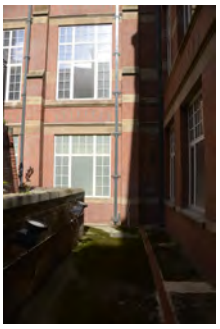
Haworth Lightwell (6)



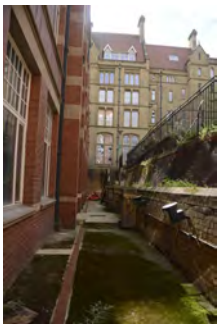
Haworth Lightwell (7)



Haworth Lightwell (8)



Haworth Lightwell (9)



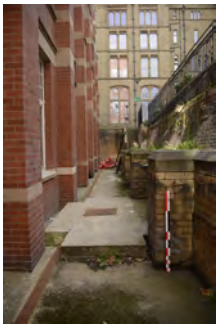
Haworth Lightwell (10)



Haworth Lightwell (11)



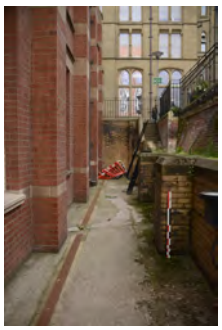
Haworth Lightwell (12)



Haworth Lightwell (13)



Haworth Lightwell (14)



Haworth Lightwell (15)



Haworth Lightwell (16)



Haworth Lightwell (17)



Haworth Lightwell (18)



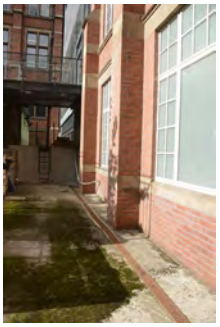
Haworth Lightwell (19)



Haworth Lightwell (20)

## LIGHTWELLS

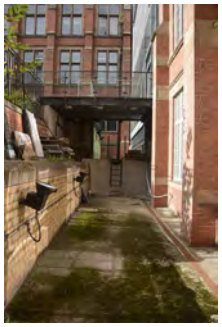
### Haworth Building (cont.)



Haworth Lightwell (21)



Haworth Lightwell (22)



Haworth Lightwell (23)



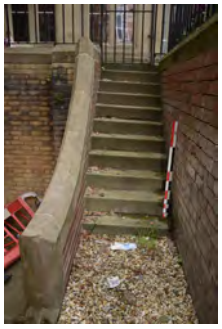
Haworth Lightwell (25)



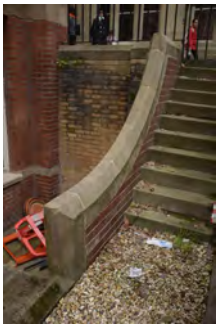
Haworth Lightwell (26)



Haworth Lightwell (27)



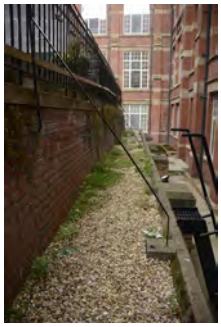
Haworth Lightwell (30)



Haworth Lightwell (31)



Haworth Lightwell (32)



Haworth Lightwell (33)



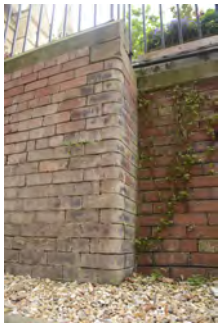
Haworth Lightwell (34)



Haworth Lightwell (35)



Haworth Lightwell (36)



Haworth Lightwell (37)



Haworth Lightwell (38)



Haworth Lightwell (39)



Haworth Lightwell (40)



Haworth Lightwell (41)



Haworth Lightwell (42)



Haworth Lightwell (43)

## LIGHTWELLS

Haworth Building (cont.)

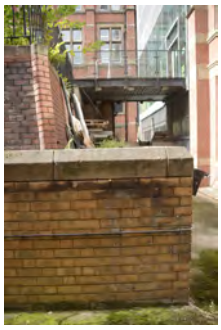

Haworth Lightwell (44)


Haworth Lightwell (45)


Haworth Lightwell (46)


Haworth Lightwell (47)


Haworth Lightwell (48)


Haworth Lightwell (49)


Haworth Lightwell (50)


Haworth Lightwell (51)


Haworth Lightwell (52)


Haworth Lightwell (53)


Haworth Lightwell (54)


Haworth Lightwell (55)


Haworth Lightwell (56)


Haworth Lightwell (57)


Haworth Lightwell (58)

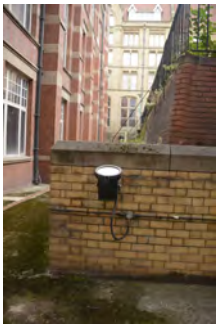

Haworth Lightwell (59)

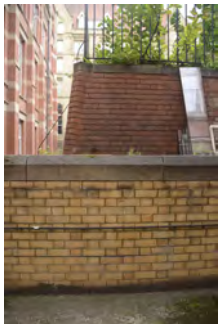

Haworth Lightwell (60)


Haworth Lightwell (61)

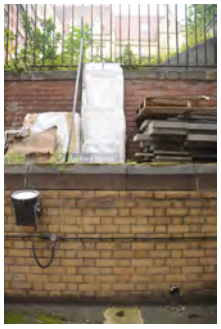

Haworth Lightwell (62)


Haworth Lightwell (63)


Haworth Lightwell (64)

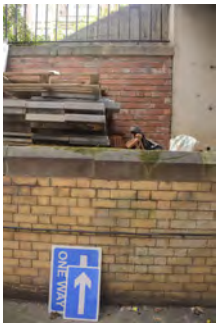

Haworth Lightwell (65)


Haworth Lightwell (66)


Haworth Lightwell (67)

## LIGHTWELLS

Haworth Building (cont.)




Haworth Lightwell (68)



Haworth Lightwell (69)



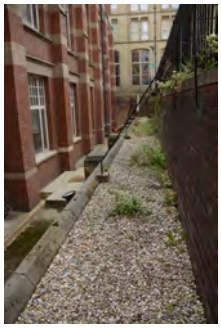

Haworth Lightwell (70)



Haworth Lightwell (71)



Haworth Lightwell (72)



Haworth Lightwell (73)



Haworth Lightwell (74)



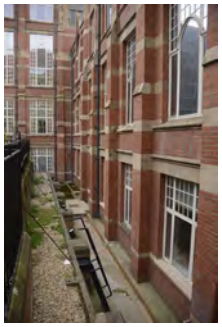
Haworth Lightwell (75)



Haworth Lightwell (76)



Haworth Lightwell (77)



Haworth Lightwell (78)



Haworth Lightwell (79)



Haworth Lightwell (80)



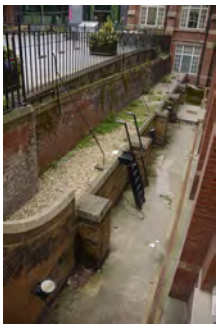
Haworth Lightwell (81)



Haworth Lightwell (82)



Haworth Lightwell (83)



Haworth Lightwell (84)



Haworth Lightwell (85)

## LIGHTWELLS

Infill and Rutherford Building


Infill and Rutherford Lightwell (1)

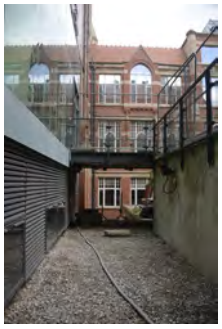

Infill and Rutherford Lightwell (2)

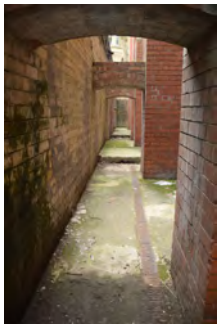

Infill and Rutherford Lightwell (3)

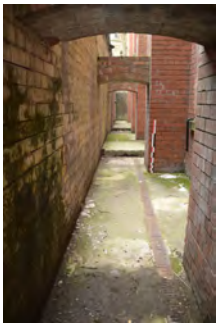

Infill and Rutherford Lightwell (4)

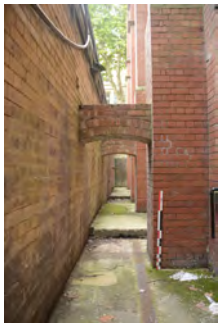

Infill and Rutherford Lightwell (5)

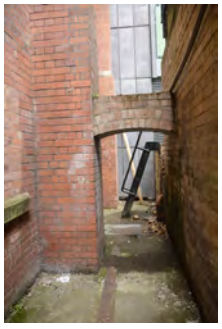

Infill and Rutherford Lightwell (6)

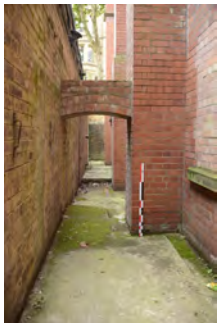

Infill and Rutherford Lightwell (7)


Infill and Rutherford Lightwell (8)

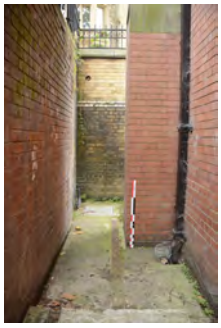

Infill and Rutherford Lightwell (9)

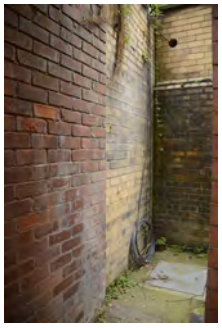

Infill and Rutherford Lightwell (10)


Infill and Rutherford Lightwell (11)


Infill and Rutherford Lightwell (12)


Infill and Rutherford Lightwell (13)


Infill and Rutherford Lightwell (14)


Infill and Rutherford Lightwell (15)


Infill and Rutherford Lightwell (16)


Infill and Rutherford Lightwell (17)

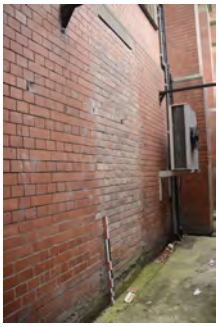

Infill and Rutherford Lightwell (18)


Infill and Rutherford Lightwell (19)


Infill and Rutherford Lightwell (20)

## LIGHTWELLS

### Infill and Rutherford Building (cont.)



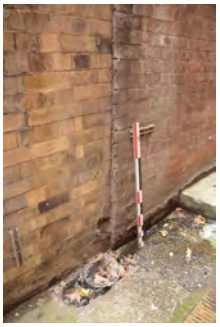
Infill and Rutherford Lightwell (21)



Infill and Rutherford Lightwell (22)



Infill and Rutherford Lightwell (23)



Infill and Rutherford Lightwell (24)



Infill and Rutherford Lightwell (25)



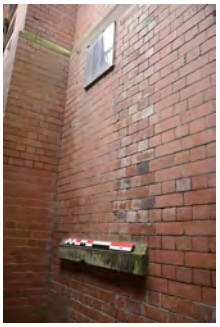
Infill and Rutherford Lightwell (26)



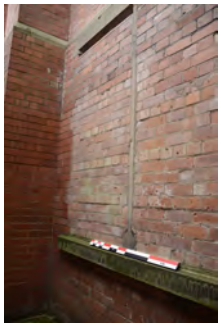
Infill and Rutherford Lightwell (27)



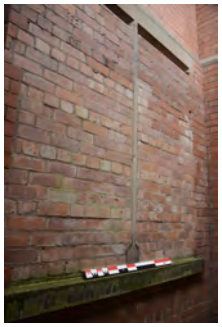
Infill and Rutherford Lightwell (28)



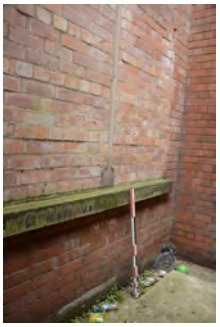
Infill and Rutherford Lightwell (29)



Infill and Rutherford Lightwell (30)



Infill and Rutherford Lightwell (31)



Infill and Rutherford Lightwell (32)



Infill and Rutherford Lightwell (34)



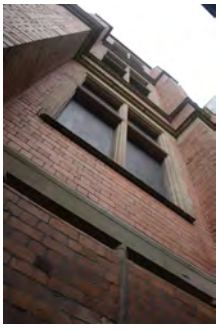
Infill and Rutherford Lightwell (35)



Infill and Rutherford Lightwell (36)



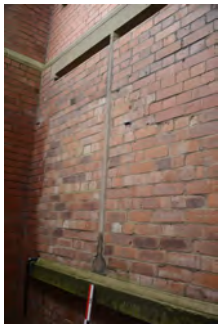
Infill and Rutherford Lightwell (37)



Infill and Rutherford Lightwell (38)



Infill and Rutherford Lightwell (39)



Infill and Rutherford Lightwell (40)



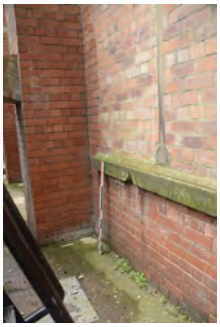
Infill and Rutherford Lightwell (41)

## LIGHTWELLS

Infill and Rutherford Building (cont.)



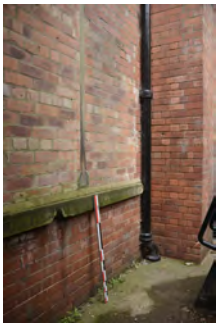
Infill and Rutherford Lightwell (42)



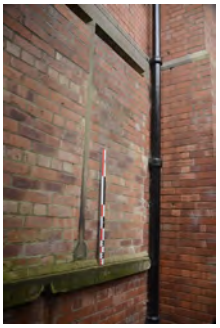
Infill and Rutherford Lightwell (43)



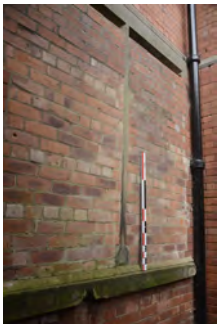
Infill and Rutherford Lightwell (44)



Infill and Rutherford Lightwell (45)



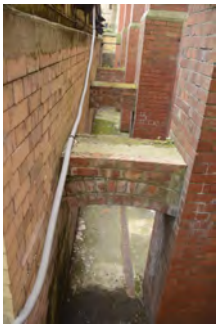
Infill and Rutherford Lightwell (46)



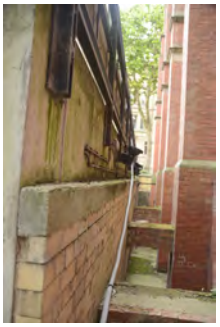
Infill and Rutherford Lightwell (47)



Infill and Rutherford Lightwell (48)



Infill and Rutherford Lightwell (49)



Infill and Rutherford Lightwell (50)



Infill and Rutherford Lightwell (51)



Infill and Rutherford Lightwell (52)



Infill and Rutherford Lightwell (53)

## HAWORTH BUILDING BASEMENT
B77

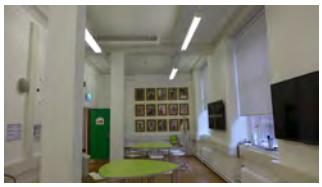


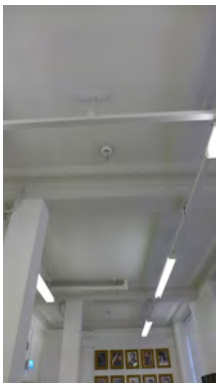
B77_(1)

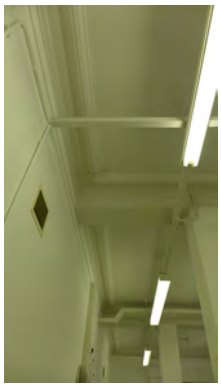


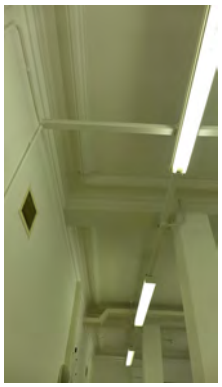
B77_(2)

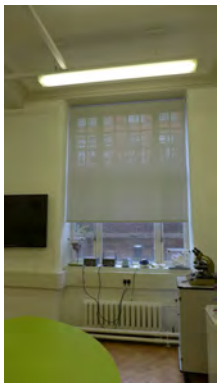

B77_(3)


B77_(4)

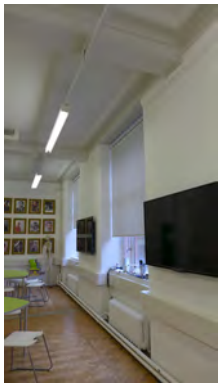

B77_(5)


B77_(6)


B77_(7)

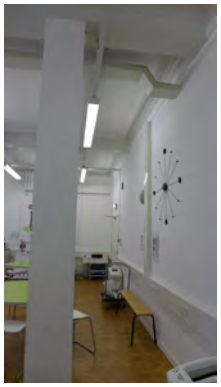

B77_(8)

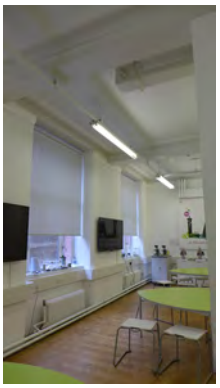

B77_(9)

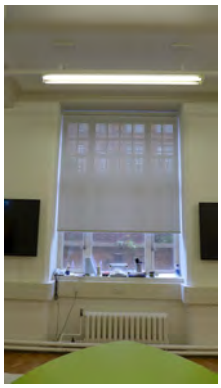

B77_(10)

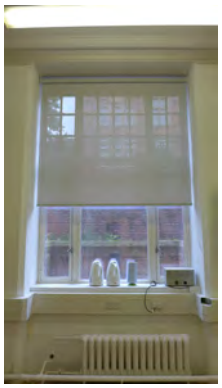


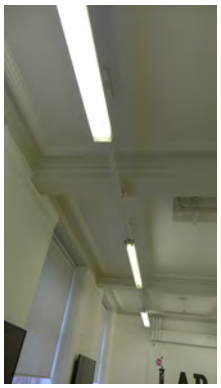
B77_(11)


B77_(12)

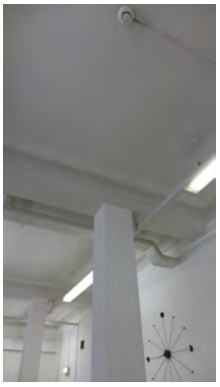

B77_(13)

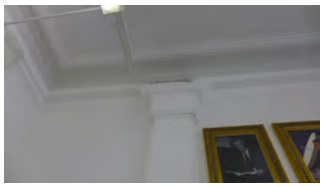

B77_(14)

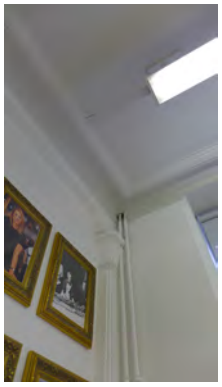

B77_(15)


B77_(16)

## HAWORTH BUILDING BASEMENT
B77 (cont.)


B77_(17)


B77_(18)


B77_(19)

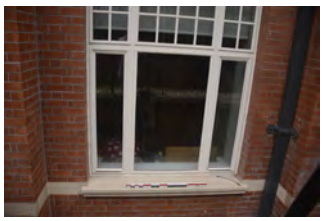

B77_(20)



B77_(21)

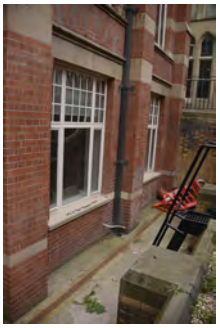
## HAWORTH BUILDING BASEMENT
B78


B78_(1)

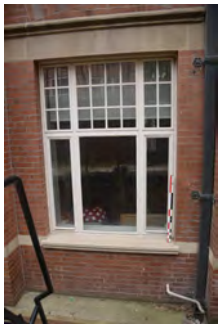

B78_(2)

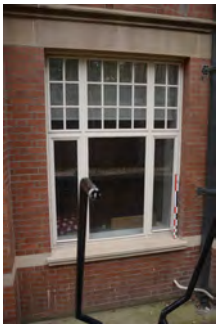

B78_(3)


B78_(4)


B78_(5)

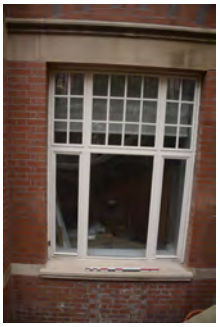

B78_(6)


B78_(7)

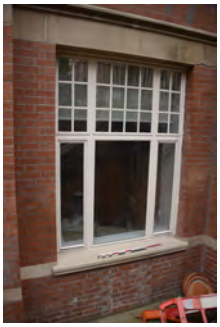

B78_(8)

## HAWORTH BUILDING BASEMENT

B78 (cont.)



B78_(9)



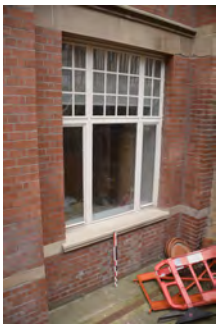
B78_(10)



B78_(11)



B78_(12)



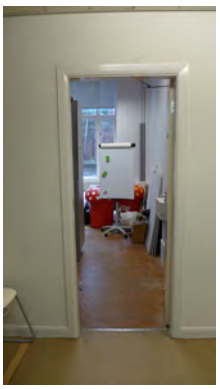
B78_(13)



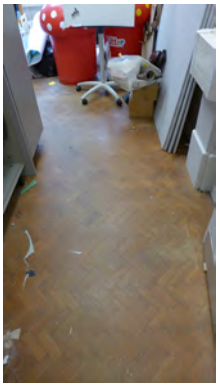
B78_(14)




B78_(15)



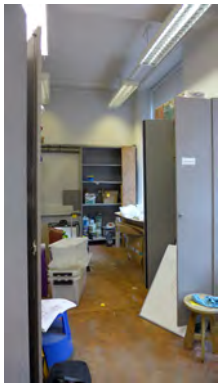
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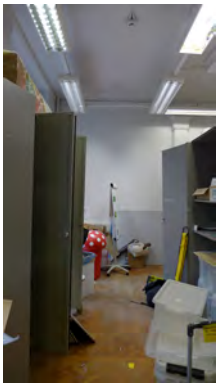
B78_(17)



B78_(18)



B78_(19)



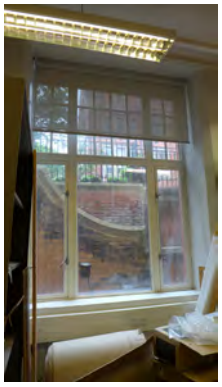
B78_(20)



B78_(21)



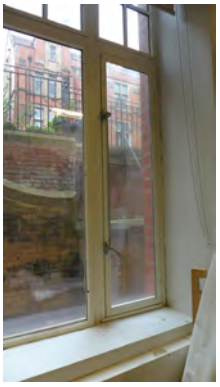
B78_(22)



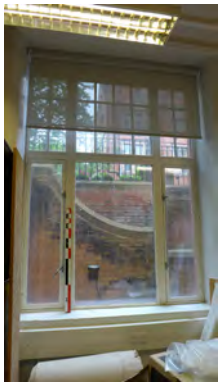
B78_(23)



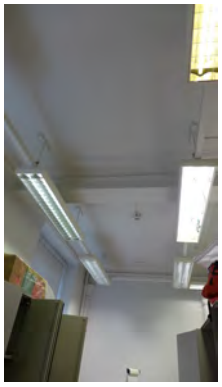
B78_(24)



B78_(25)



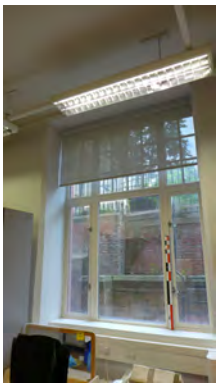
B78_(26)



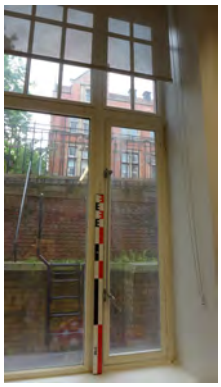
B78_(27)



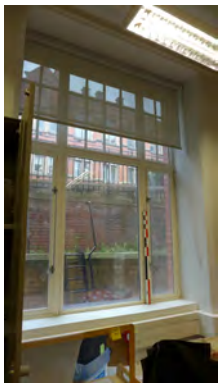
B78_(28)



B78_(29)



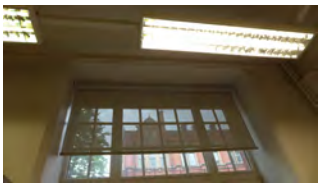
B78_(30)



B78_(31)



B78_(32)



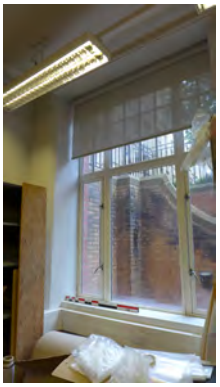
B78_(33)



B78_(34)

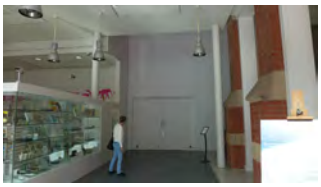


B78_(35)

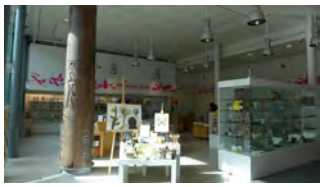


B78_(36)

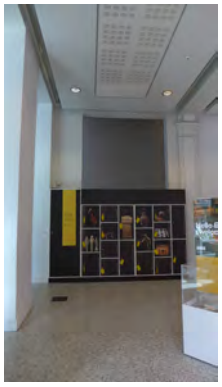
## 1927 BUILDING - G1, G4, G5, G6



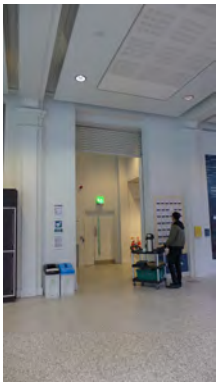
G1_4_5_6 (1)



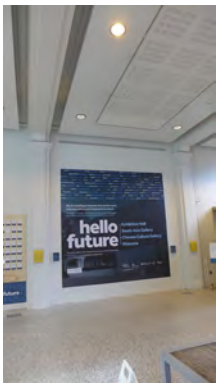
G1_4_5_6 (2)



G1_4_5_6 (3)



G1_4_5_6 (4)



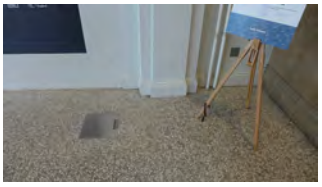

G1_4_5_6 (5)



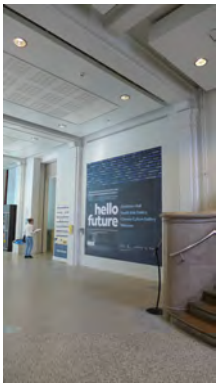

G1_4_5_6 (6)



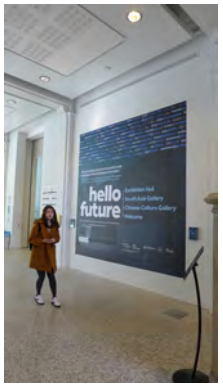

G1_4_5_6 (7)



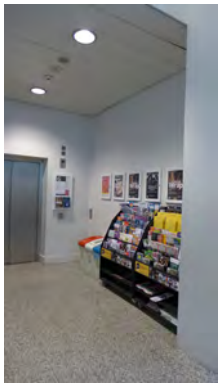
G1_4_5_6 (8)



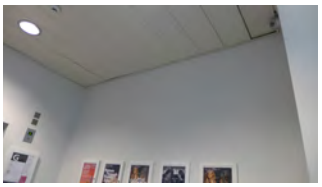

G1_4_5_6 (9)



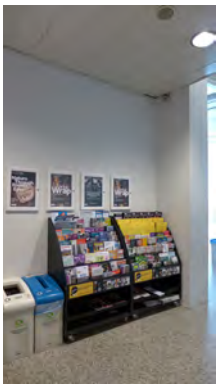

G1_4_5_6 (10)



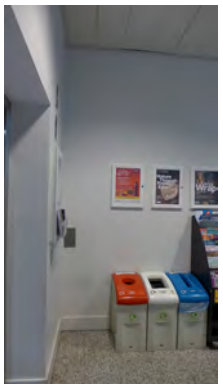
G1_4_5_6 (11)



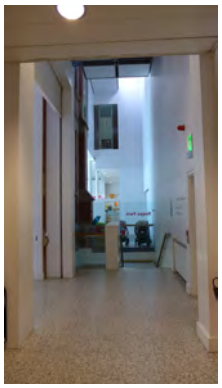
G1_4_5_6 (12)



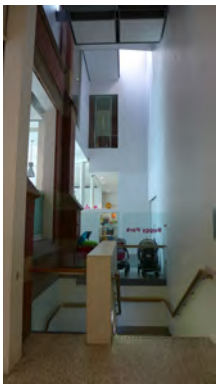
G1_4_5_6 (13)



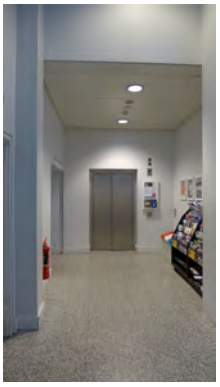
G1_4_5_6 (14)



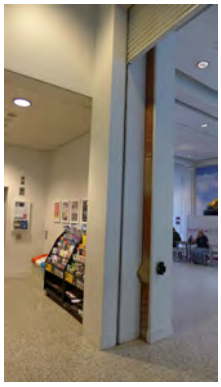
G1_4_5_6 (15)



G1_4_5_6 (16)



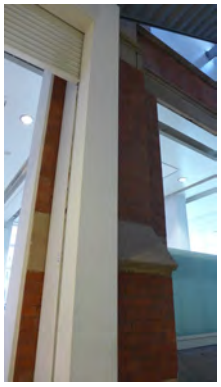
GI_4_5_6 (17)



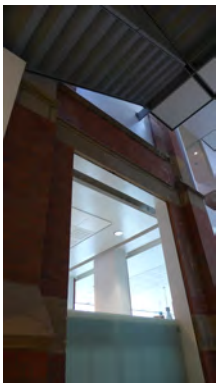
GI_4_5_6 (18)



GI_4_5_6 (19)



GI_4_5_6 (20)



GI_4_5_6 (21)



GI_4_5_6 (22)



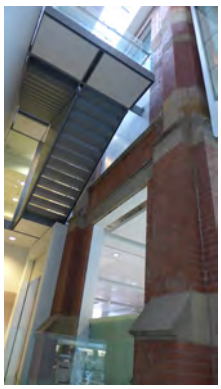
GI_4_5_6 (23)



GI_4_5_6 (24)



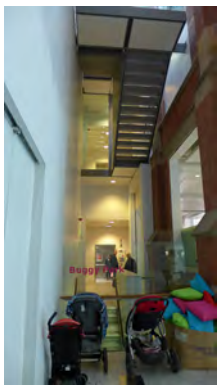
GI_4_5_6 (25)



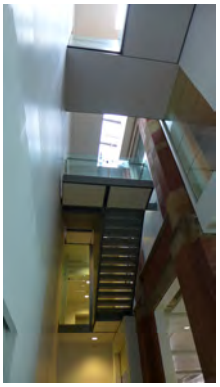
GI_4_5_6 (26)



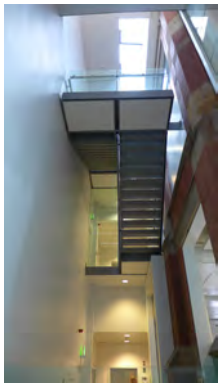
GI_4_5_6 (27)



GI_4_5_6 (28)



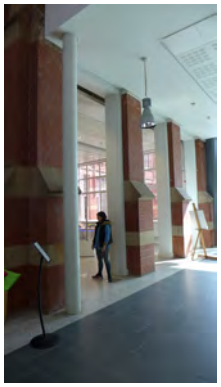
GI_4_5_6 (29)



GI_4_5_6 (30)



GI_4_5_6 (31)

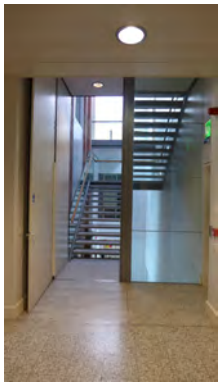


GI_4_5_6 (32)

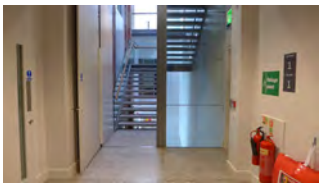
## 1927 BUILDING - G1, G4, G5, G6 (CONT.)



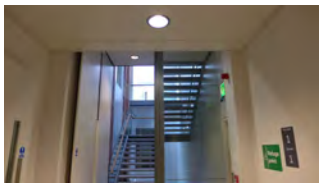
G1_4_5_6 (33)



G1_4_5_6 (34)



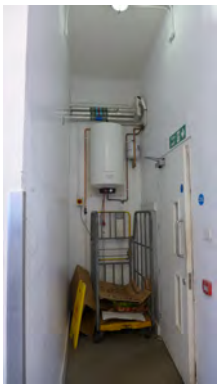
G1_4_5_6 (35)



G1_4_5_6 (36)

## DENTAL HOSPITAL INTERIOR

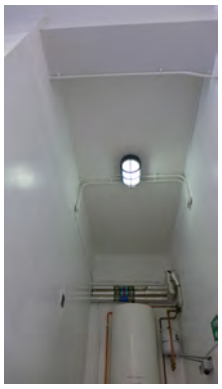
### G14-G18 Café Prep



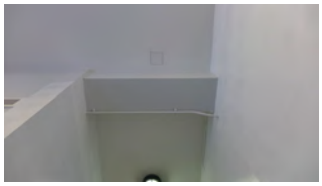
G14_G18 Cafe Prep (1)



G14_G18 Cafe Prep (2)



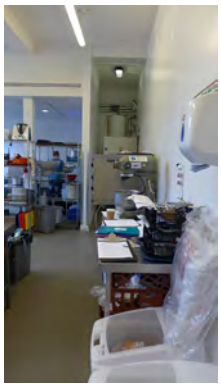
G14_G18 Cafe Prep (3)



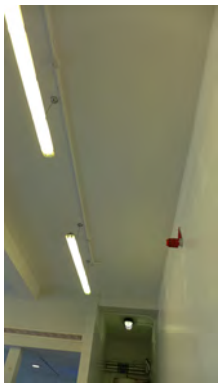
G14_G18 Cafe Prep (4)



G14_G18 Cafe Prep (5)



G14_G18 Cafe Prep (6)



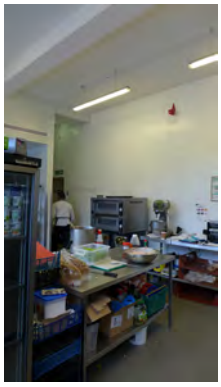
G14_G18 Cafe Prep (7)



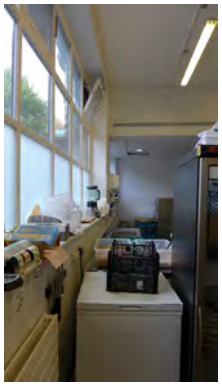
G14_G18 Cafe Prep (8)



G14_G18 Cafe Prep (9)



G14_G18 Cafe Prep (10)



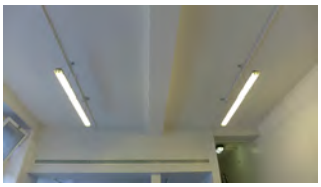
G14_G18 Cafe Prep (11)



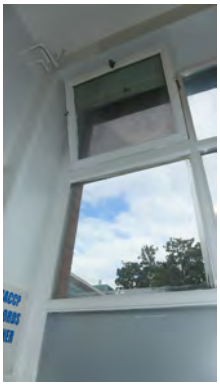
G14_G18 Cafe Prep (12)

## DENTAL HOSPITAL INTERIOR

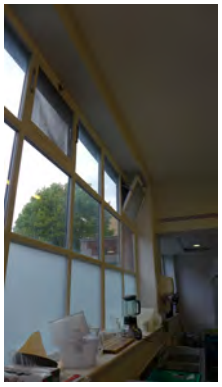
### G14-G18 Café Prep (cont.)



G14_G18 Cafe Prep (13)



G14_G18 Cafe Prep (14)



G14_G18 Cafe Prep (15)



G14_G18 Cafe Prep (16)



G14_G18 Cafe Prep (17)



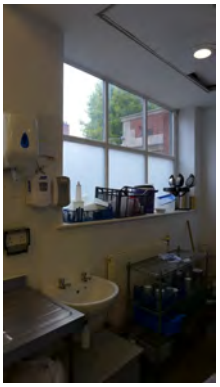
G14_G18 Cafe Prep (18)



G14_G18 Cafe Prep (19)



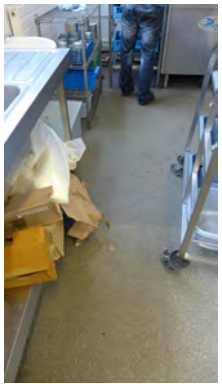
G14_G18 Cafe Prep (20)



G14_G18 Cafe Prep (21)



G14_G18 Cafe Prep (22)



G14_G18 Cafe Prep (23)



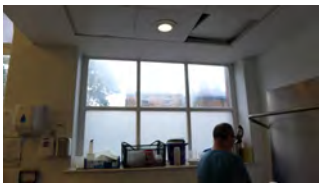
G14_G18 Cafe Prep (24)



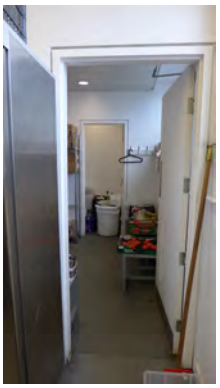
G14_G18 Cafe Prep (25)



G14_G18 Cafe Prep (26)



G14_G18 Cafe Prep (27)



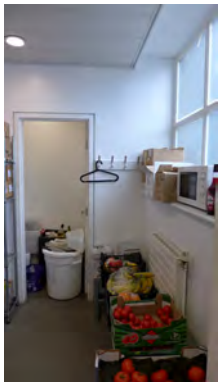
G14_G18 Cafe Prep (28)

## DENTAL HOSPITAL INTERIOR

### G14-G18 Café Prep (cont.)



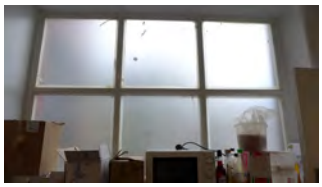
G14_G18 Cafe Prep (29)



G14_G18 Cafe Prep (30)



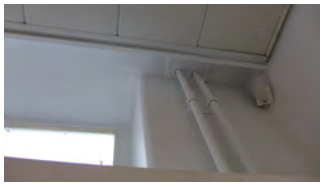
G14_G18 Cafe Prep (31)



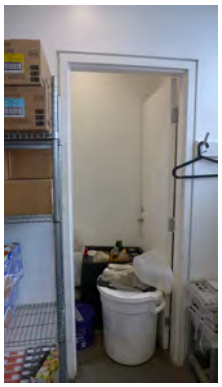
G14_G18 Cafe Prep (32)



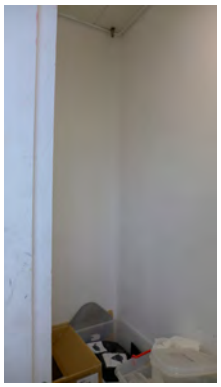
G14_G18 Cafe Prep (33)



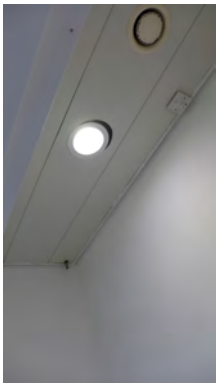
G14_G18 Cafe Prep (34)



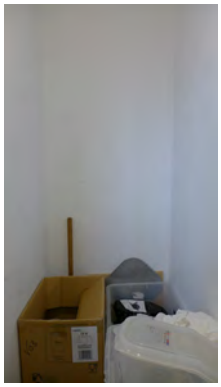
G14_G18 Cafe Prep (35)



G14_G18 Cafe Prep (36)



G14_G18 Cafe Prep (37)



G14_G18 Cafe Prep (38)



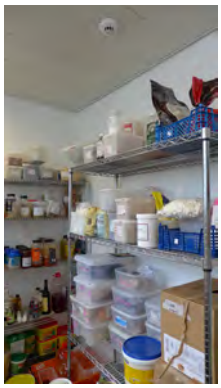
G14_G18 Cafe Prep (39)



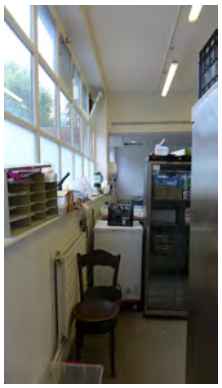
G14_G18 Cafe Prep (40)



G14_G18 Cafe Prep (41)



G14_G18 Cafe Prep (42)



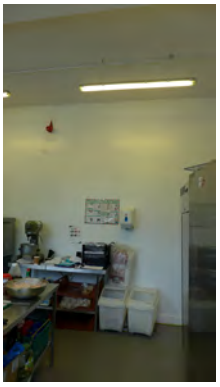
G14_G18 Cafe Prep (43)



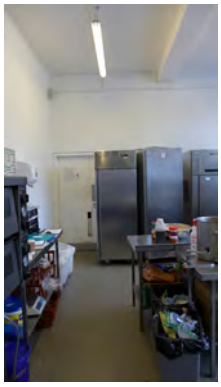
G14_G18 Cafe Prep (44)

## DENTAL HOSPITAL INTERIOR

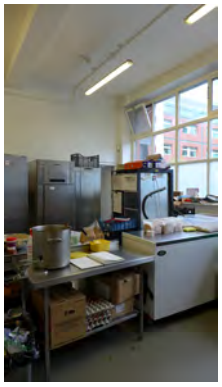
### G14-G18 Café Prep (cont.)



G14_G18 Cafe Prep (45)



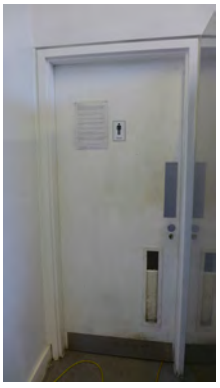
G14_G18 Cafe Prep (46)



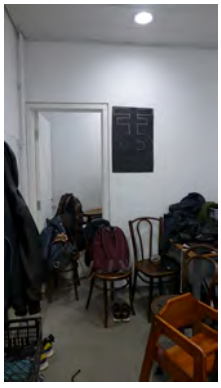
G14_G18 Cafe Prep (47)



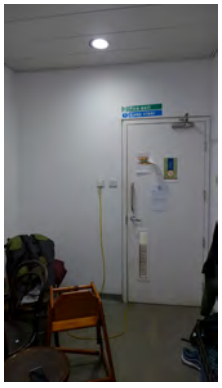
G14_G18 Cafe Prep (48)



G14_G18 Cafe Prep (49)



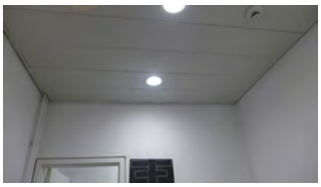
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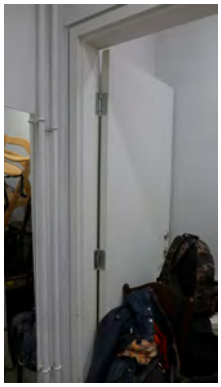
G14_G18 Cafe Prep (51)



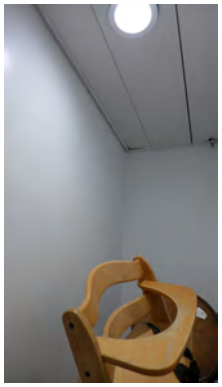
G14_G18 Cafe Prep (52)



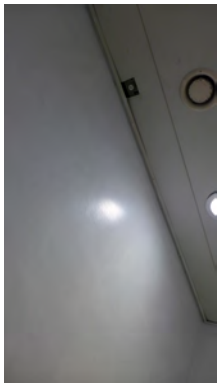
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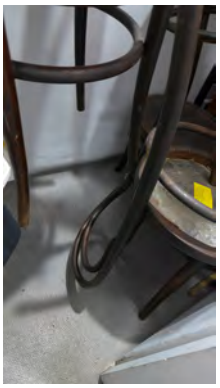
G14_G18 Cafe Prep (54)



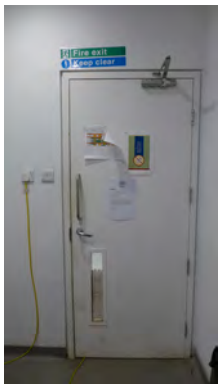
G14_G18 Cafe Prep (55)



G14_G18 Cafe Prep (56)



G14_G18 Cafe Prep (57)



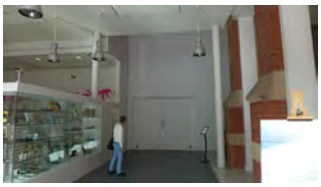

G14_G18 Cafe Prep (58)



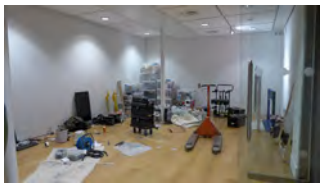
G14_G18 Cafe Prep (59)

## DENTAL HOSPITAL INTERIOR

G13 Temporary Exhibitions



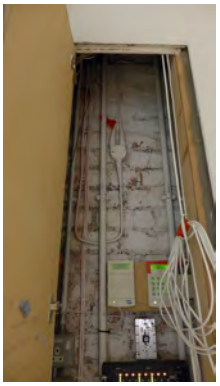
G13 Temp Exhibition (1)



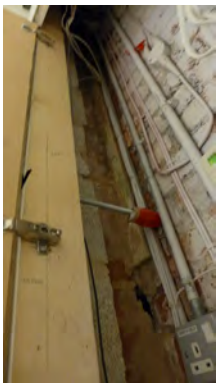
G13 Temp Exhibition (2)



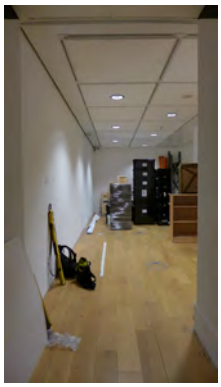
G13 Temp Exhibition (3)



G13 Temp Exhibition (4)



G13 Temp Exhibition (5)



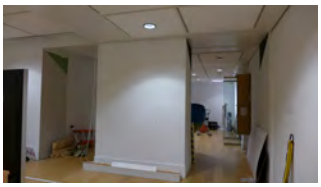
G13 Temp Exhibition (6)



G13 Temp Exhibition (7)



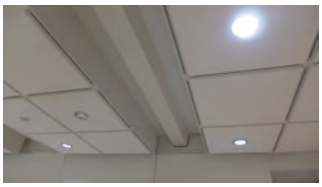
G13 Temp Exhibition (8)



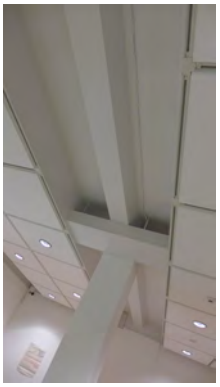
G13 Temp Exhibition (9)



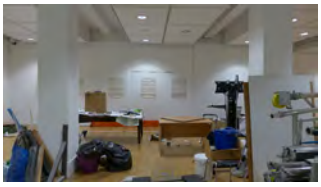
G13 Temp Exhibition (10)



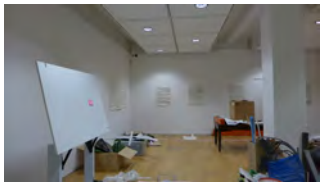
G13 Temp Exhibition (11)



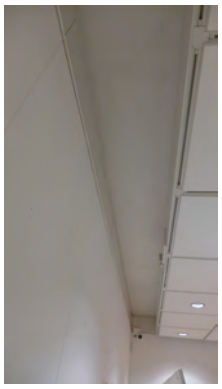
G13 Temp Exhibition (13)



G13 Temp Exhibition (14)



G13 Temp Exhibition (15)



G13 Temp Exhibition (16)



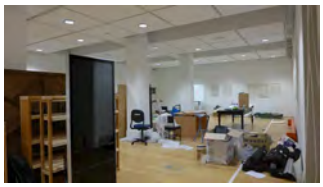
G13 Temp Exhibition (17)

## DENTAL HOSPITAL INTERIOR

G13 Temporary Exhibitions (cont.)



G13 Temp Exhibition (18)



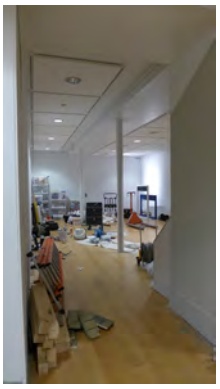
G13 Temp Exhibition (19)



G13 Temp Exhibition (20)



G13 Temp Exhibition (21)



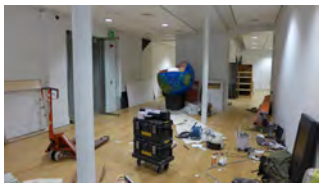
G13 Temp Exhibition (22)



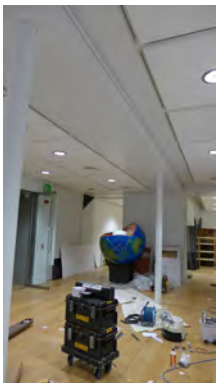
G13 Temp Exhibition (23)



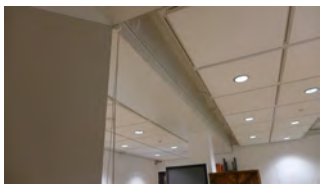
G13 Temp Exhibition (24)



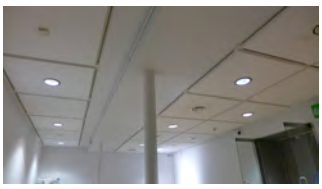
G13 Temp Exhibition (25)



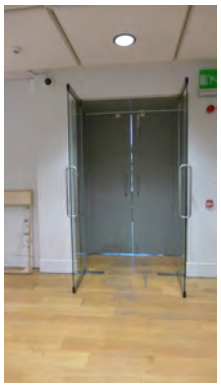
G13 Temp Exhibition (26)



G13 Temp Exhibition (27)



G13 Temp Exhibition (28)

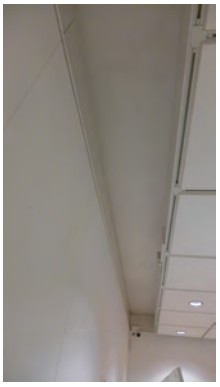


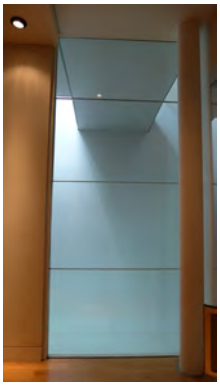
G13 Temp Exhibition (29)

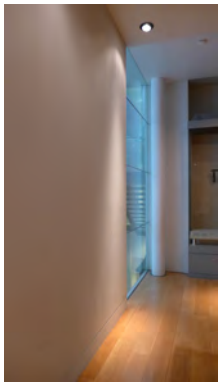


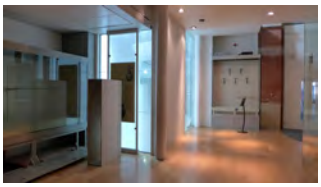
G13 Temp Exhibition (30)

## LIVING CULTURES GALLERY

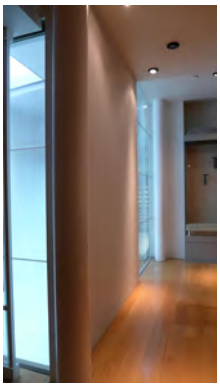

Living Cultures Gallery (1)

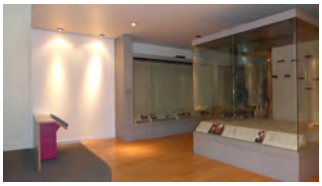

Living Cultures Gallery (2)

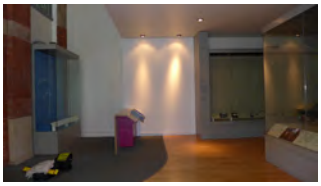

Living Cultures Gallery (3)

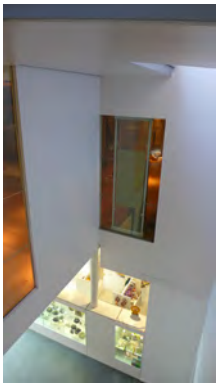

Living Cultures Gallery (4)

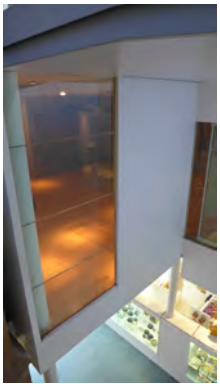

Living Cultures Gallery (5)

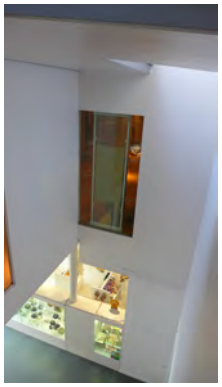

Living Cultures Gallery (6)


Living Cultures Gallery (7)


Living Cultures Gallery (8)


Living Cultures Gallery (9)


Living Cultures Gallery (10)

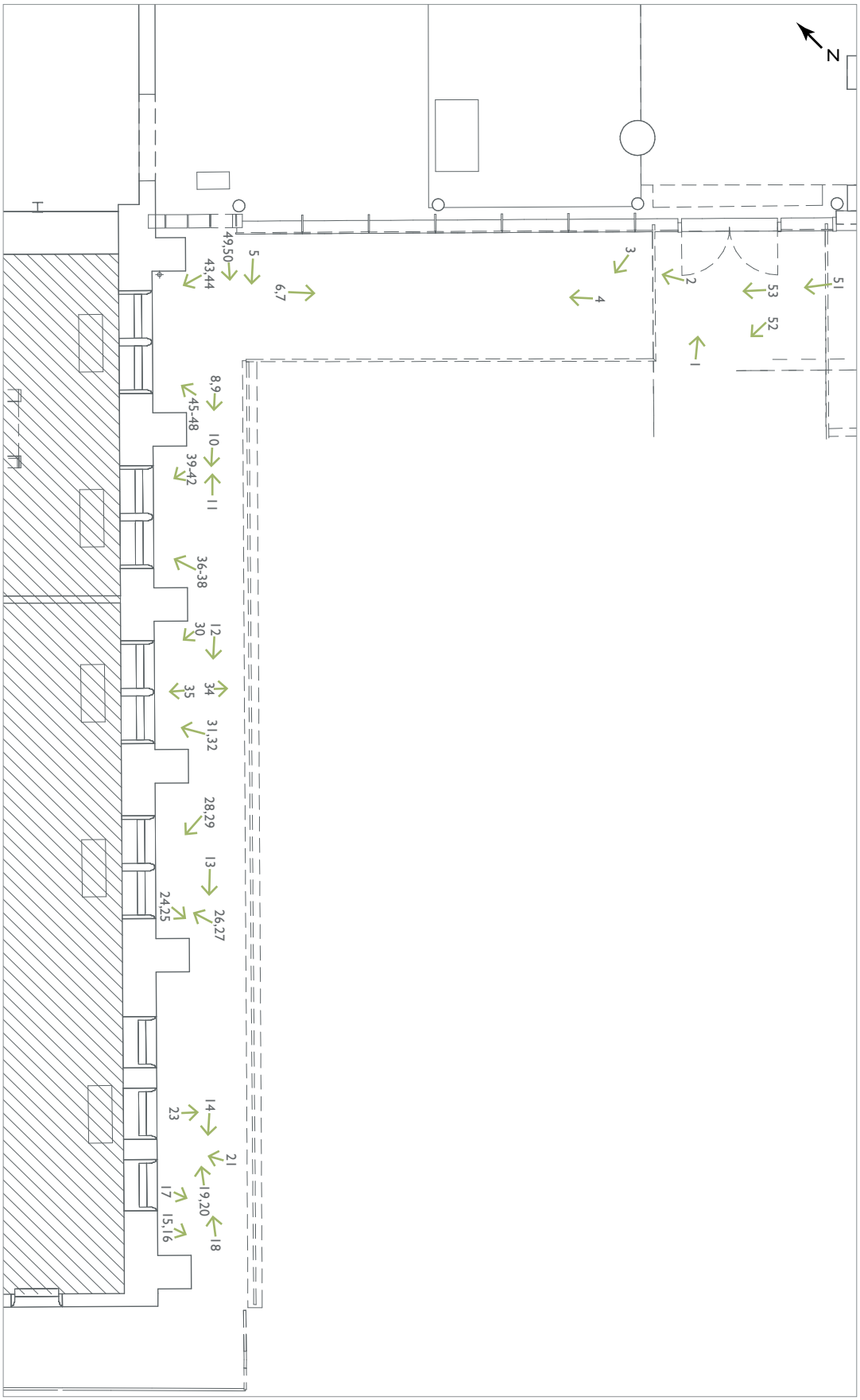

Living Cultures Gallery (11)

# APPENDIX F
## PHOTOGRAPHIC PLANS

### LIGHTWELL, HOWARTH BUILDING AND EXTENSIONS



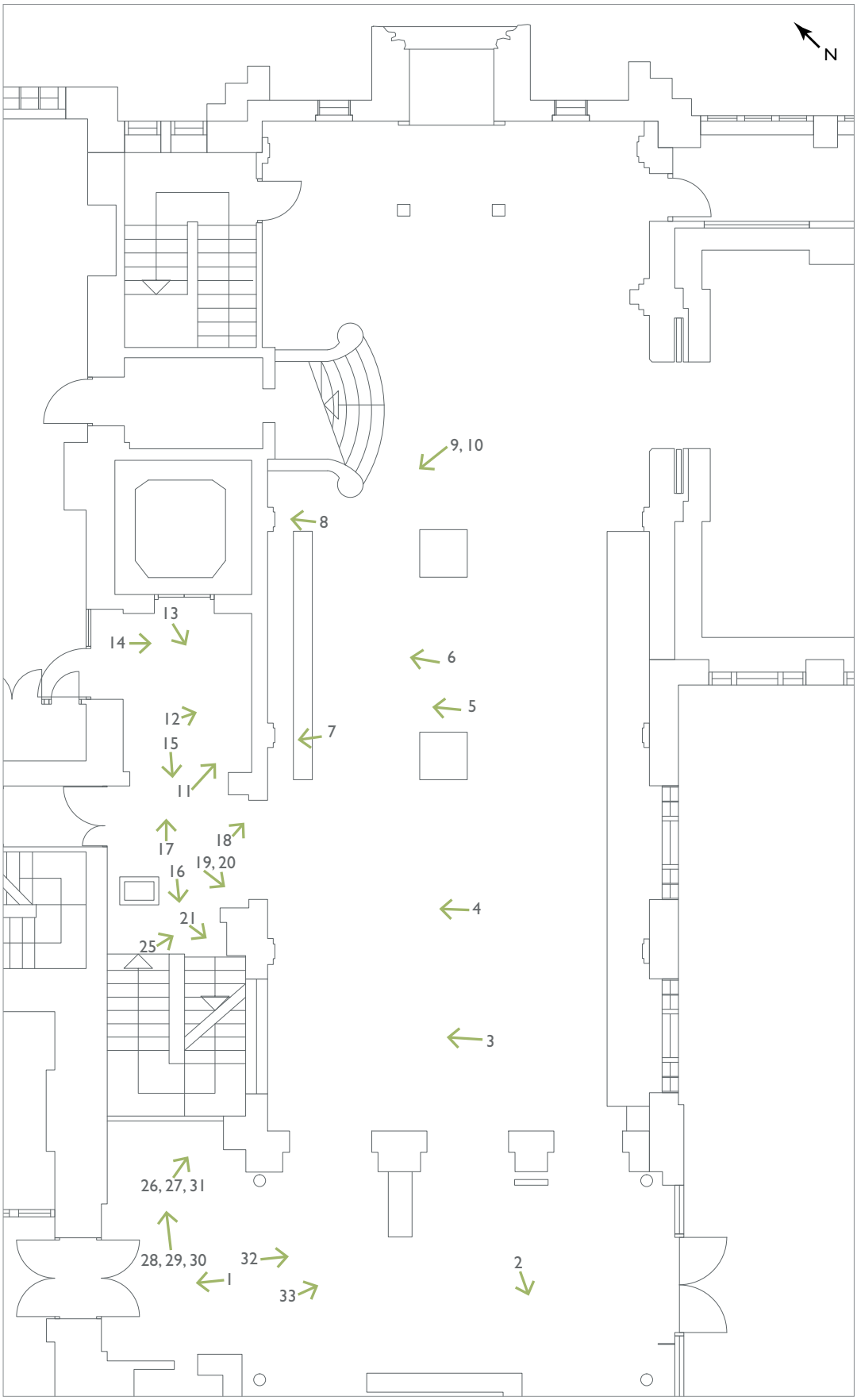
## INFILL BUILDING AND RUTHERFORD BUILDING LIGHTWELLS



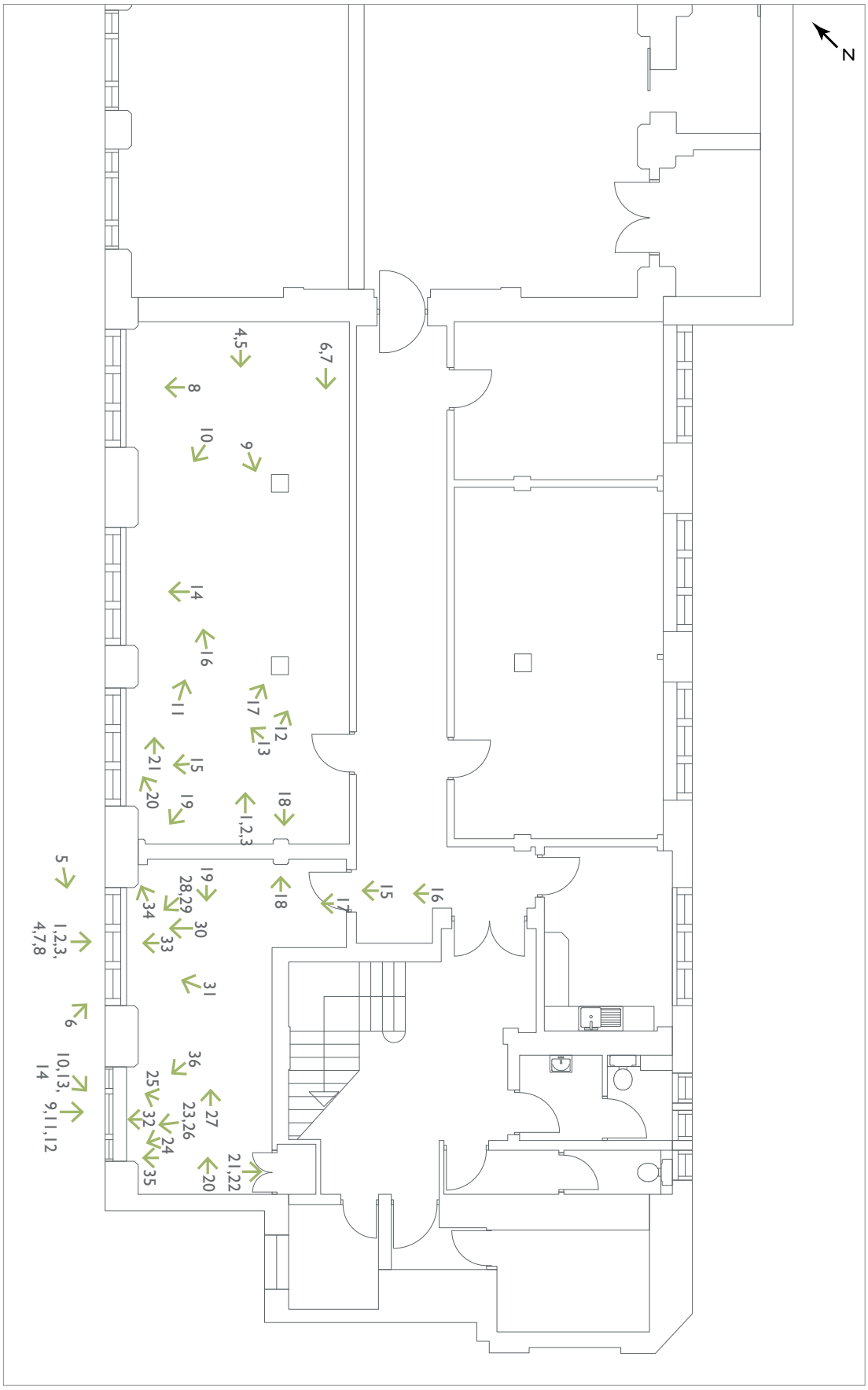
## COURTYARD ELEVATIONS



## 1927 BUILDING AND MUSEM ENTRANCE



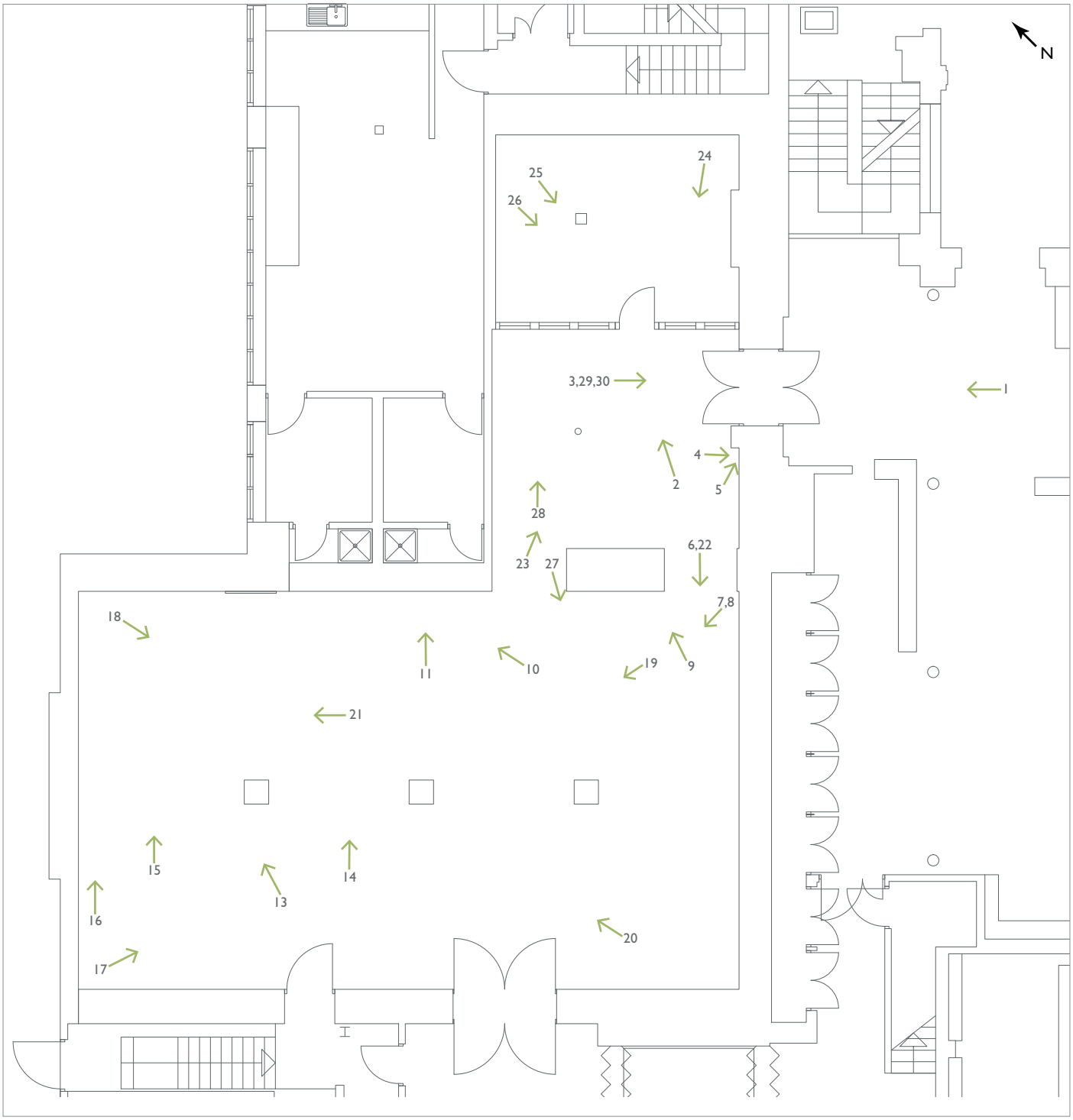
## BASEMENT ROOMS B77 AND B78 IN HAWORTH BUILDING



## OLD DENTAL HOSPITAL CAFE PREP

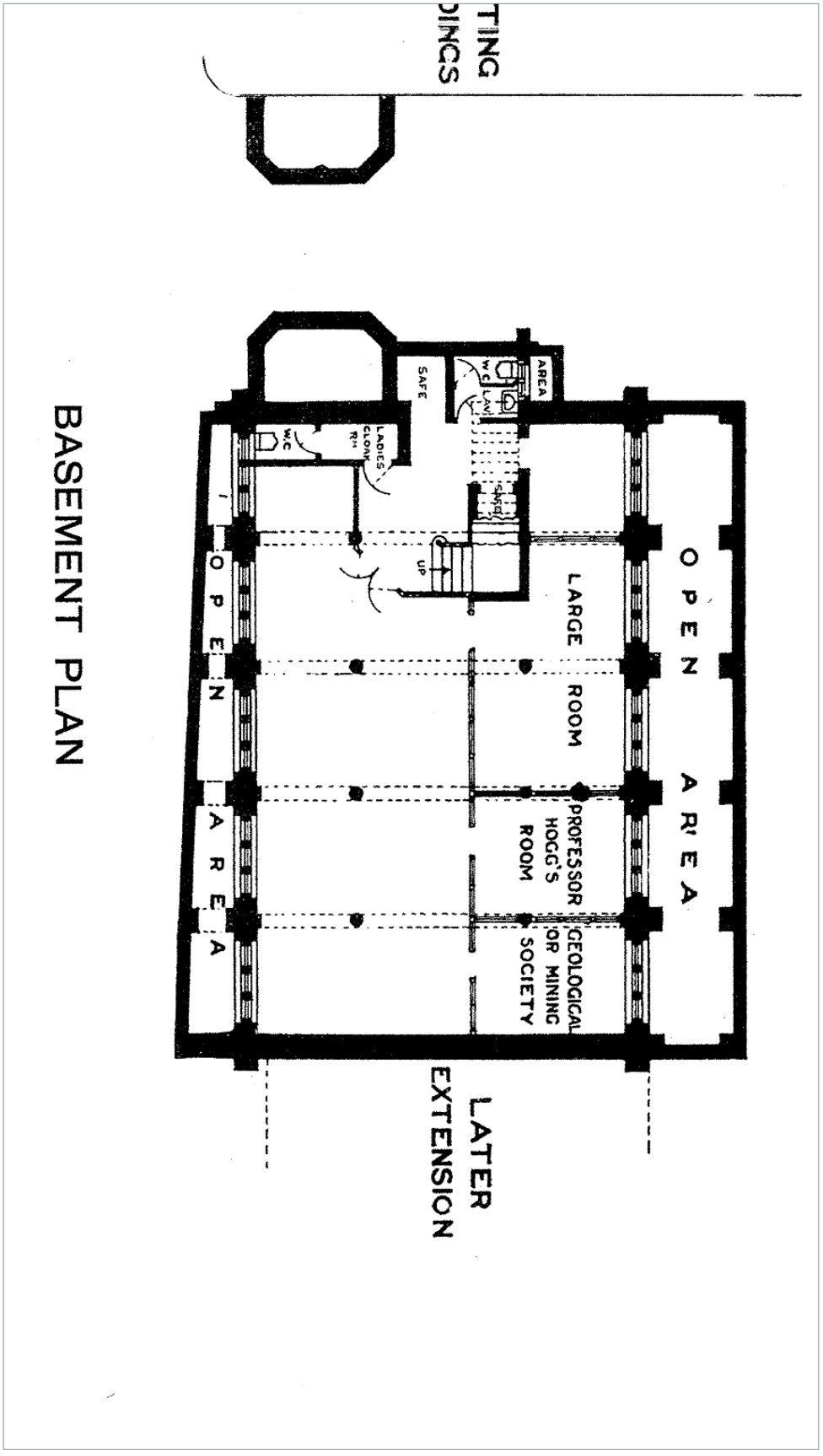


## BASEMENT ROOMS B77 AND B78 IN HAWORTH BUILDING

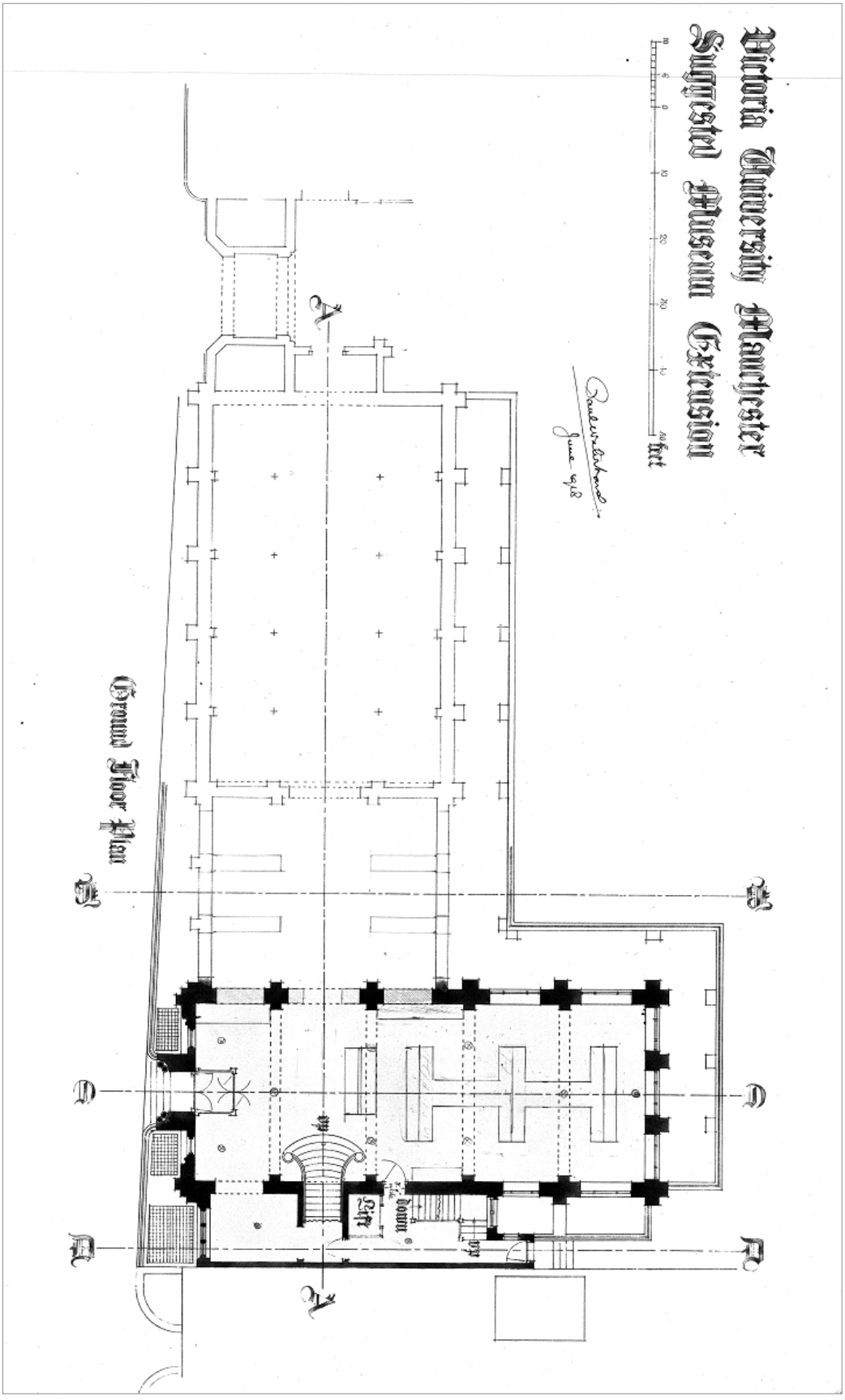


# APPENDIX G
## HISTORIC PLANS

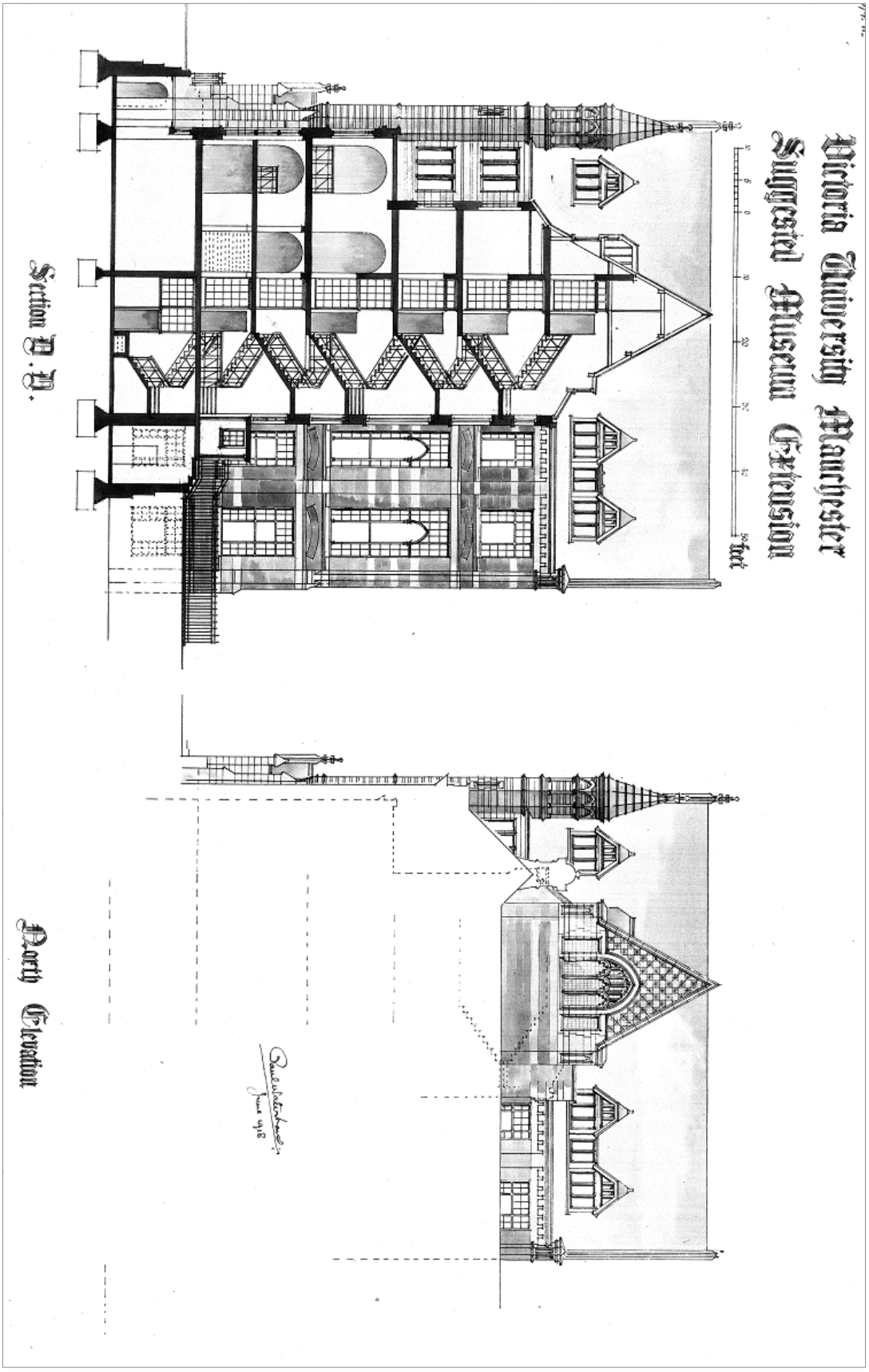
DETAIL OF BASEMENT PLAN FROM 1915



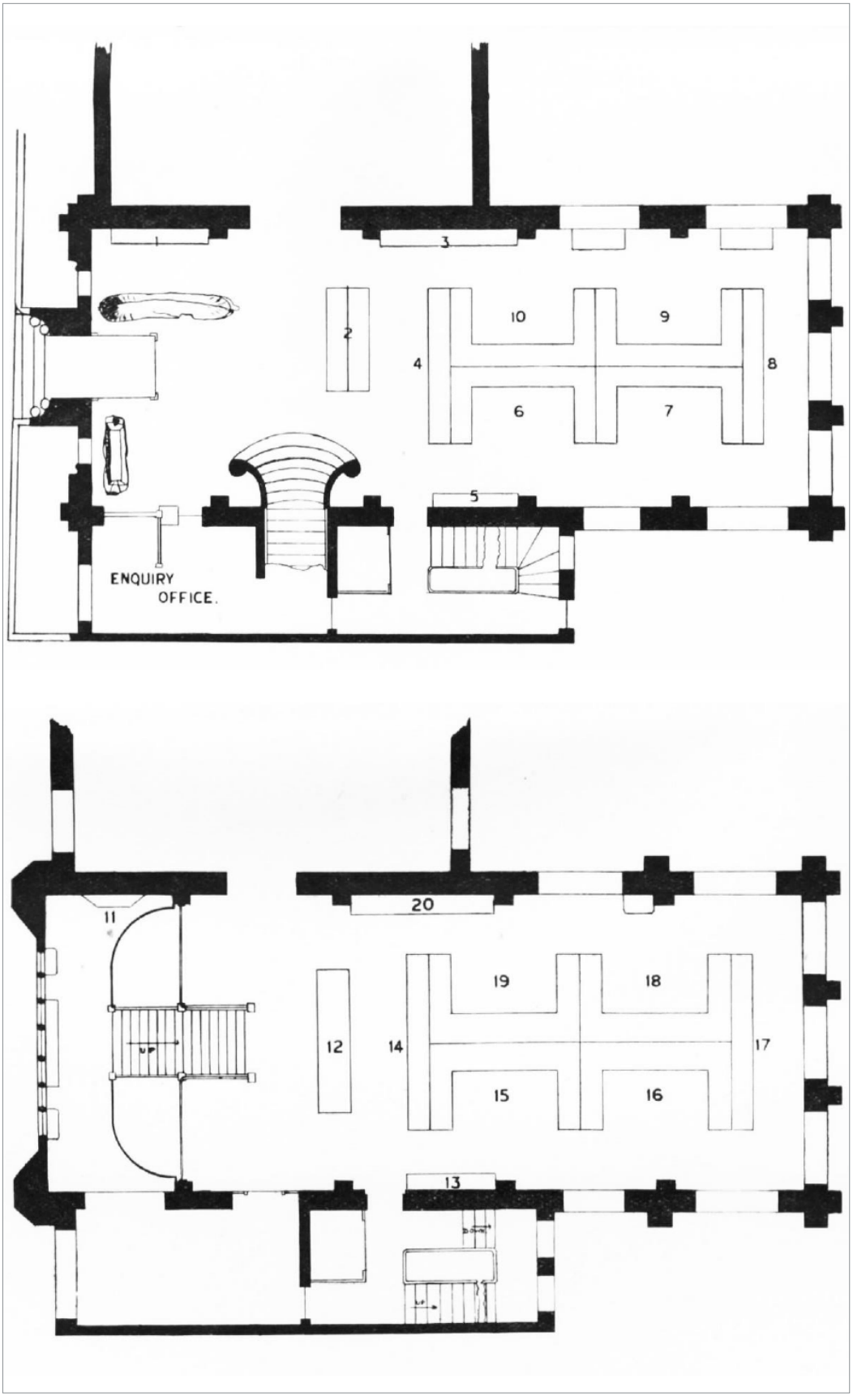
1927 SUGGESTED PLAN FROM 1918



1927 SUGGESTED SECTION FROM 1918



1927 BUILDING PLANS FROM 1933



RUTHERFORD BUILDING, 1906, SHOWING BASEMENT LIGHTWELL

