

M124 Pettigrew & Stephens

Introduction

Pettigrew & Stephens began as a modest corner draper's shop with a narrow frontage to the important retail thoroughfare of Sauchiehall Street. In 1896 John Honeyman & Keppie carried out alterations to combine it with the shop next door. Then, between 1899 and 1901, they entirely rebuilt it, transforming it into a palatial department store with a landmark dome. Between 1903 and 1906 they extended it into the former Art Institute Galleries next door, and in 1914 they designed new shopfronts.

Authorship: Mackintosh's involvement appears to have been limited, and confined to the first two phases of work. His handwriting appears on at least one of the 1896 drawings for uniting the original shop with its neighbour. As for the major rebuilding of 1899–1901, a former assistant, W. S. Moyes, later recalled that John Keppie was responsible for the design. However, the Dean of Guild plans approved in 1899 appear to have been drawn by Mackintosh. The exterior details of the building were largely in a mainstream Italian Renaissance style, characteristic of Keppie's work, but the drawings show curvilinear roundels in the dormer pediments, which must be Mackintosh's. The ogee-capped lantern on top of the dome (preserved after the building was demolished) has parallels with some earlier designs by Mackintosh, such as the 1893–4 tower of the Glasgow Herald building. The lantern has been widely accepted as Mackintosh's, although there is no documentary evidence for this. Inside, the tea room incorporated built-in furniture with a marked resemblance to Mackintosh's work at Dunglass Castle, Dunbartonshire, and the Waerndorfer music salon in Vienna. Corroboratory evidence for the authorship of the lantern and dormer roundels is provided by Ronald Harrison, an early student of Mackintosh's architecture in the 1930s, who had access to the office records. He included the dome and dormers of Pettigrew & Stephens on lists he compiled of works he believed to be by Mackintosh and of drawings produced in the office during Mackintosh's time. Harrison also made tracings of two original drawings of these features. ¹

Alternative names: Manchester House.

Alternative addresses: West Campbell Street Bath Street

Cost from job book: Phase 1: £746 11s 5d; Phase 2: £37,926 14s 9d; Phase 3: £2390 4s 4d; Phase 4: £536 6s 10d; Phase 5: £4545 9s 1½d

Cost from other sources: In May 1901, immediately after the 1899–1901 rebuilding, the premises were valued at £57,500. This figure excluded the electric lighting and steam heating systems, kitchen fittings, sprinklers and pneumatic tubes, 'which the Architects tell us have cost £6750'. It also excluded shelving, counters and furniture. ²

Status: Building demolished; lantern salvaged and preserved at The Hunterian, University of Glasgow

RCAHMS Site Number: NS56NE 761

Grid reference: NS 5867 6582

Chronology

1888

3 October: Andrew Hislop Pettigrew and William Henry Stephens enter into partnership. ¹

1890

9 October: Approval granted by Glasgow Dean of Guild Court for additional storey and attics at 191–193 Sauchiehall Street. Architect not recorded. ²

1891

19 May: One-storey addition and attics 'nearly completed'. ³

1895

'Since last season a most important alteration has been effected, the warehouse [of Pettigrew & Stephens] having been practically doubled in size to meet the increase in business.' ⁴

1896

23 January: Approval granted by Glasgow Dean of Guild Court for breaking through wall between 191–193 Sauchiehall Street and the neighbouring building to the E. ⁵

February–March: Work of uniting the two buildings completed. ⁶

1897

Death of William Henry Stephens. ⁷

1899

24 January: Perspective drawing published, showing John Honeyman & Keppie's proposals for comprehensive rebuilding. ⁸

5 April: Approval granted by Glasgow Dean of Guild Court for comprehensive rebuilding. ⁹

1900

July: Dome under construction. ¹⁰

1901

10 April: Rebuilding 'practically complete'. ¹¹

29 April: Intended date for reopening of enlarged premises. ¹²

1903

24 December: Approval granted by Glasgow Dean of Guild Court for fitting up the former Art Institute Galleries at 171–179 Sauchiehall Street as an annexe to Pettigrew & Stephens. ¹³

1904

Whitsunday: Lease taken by Pettigrew & Stephens on former Art Institute Galleries. ¹⁴

March: Work to former Art Institute Galleries apparently completed. ¹⁵

1906

31 May: Approval granted by Glasgow Dean of Guild Court for more substantial alterations to former Art Institute Galleries. ¹⁶

1907

12 September: Completion of the work approved in May 1906. ¹⁷

1909

22 December: Payments made to contractors for alterations in basement and at lift in tea room. ¹⁸

1910

27 October: Payments made to contractors for painting and silicating. ¹⁹

1914

16 April: Approval granted by Glasgow Dean of Guild Court for new shopfronts. ²⁰

17 September: Shopfronts 'almost completed'. ²¹

1971

Building demolished. Lantern on top of dome salvaged and removed to The Hill House, Helensburgh. ²²

1988

Lantern restored and displayed temporarily at the Glasgow Garden Festival. ²³

Lantern installed in sculpture courtyard of the Hunterian Art Gallery.

Description

Origins and early development

The firm of Pettigrew & Stephens was established on 3 October 1888, when the Glasgow drapers Andrew Hislop Pettigrew and William Henry Stephens entered into partnership. ¹ Stephens already had premises consisting of 'a single shop and upper flat' known as Manchester House at 191–193 Sauchiehall Street, at the E. corner of West Campbell Street. ² Pettigrew & Stephens retained the name and made successive additions as the business expanded. Between October 1890 and May 1891, Manchester House was extended upwards by one storey plus attics. ³ Four years later, in December 1895, it was reported that since the last season the premises had been 'practically doubled in size to meet the increase in business which has resulted from the spread of the population westward'. ⁴ This probably refers to the acquisition of the neighbouring shop on the E. At any rate, the following month John Honeyman & Keppie made drawings – on which Mackintosh's handwriting appears – for knocking the two shops into one. ⁵ This was evidently what an undated entry in the architects' job books refers to: 'slapping wall between properties'. The work, which also included a new tea room and marble steps, was completed in March 1896. ⁶

Rebuilding, 1899–1901

Stephens died in 1897, and in 1899 Pettigrew commissioned John Honeyman & Keppie to carry out an altogether more ambitious enlargement. A precedent had been set by Bruce & Hay's recent additions to the neighbouring Copland & Lye department store, which now stretched from Sauchiehall Street along Wellington Street all the way to Bath Street.⁷ Honeyman & Keppie's scheme for Pettigrew was more compact, but also taller and more imposing. A third shop was added to the Sauchiehall Street frontage, so that it extended from the corner of West Campbell Street to the Fine Art Institute. A perspective drawing by Alexander McGibbon was widely published at the time, and further information about the design can be pieced together from contemporary press descriptions, early insurance valuations and photographs taken before and during demolition in 1971.



W. S. Moyes, who worked for John Honeyman & Keppie in the 1890s, wrote 50 years later that John Keppie alone was responsible for the design of Pettigrew & Stephens. Mackintosh's contribution, he recalled, was limited to 'some internal show cases [and] internal wall decoration'.⁸ However, other features can be attributed to Mackintosh on grounds of style.

Work commenced on site in May 1899, and the enlarged six-storey shop was complete by the end of April 1901.⁹ Pettigrew & Stephens continued trading throughout the two years of rebuilding, as their regular advertisements in the *Glasgow Herald* make clear. The drawings show the use of steel beams to increase the load-bearing capacity of the upper floors. In November 1899, the engineer Alexander Frew wrote to the *Herald* about the danger to pedestrians caused by 'the excessively high buildings at present being erected in the city', the occasion for his complaint being his son's narrow escape from injury 'at the new building of Pettigrew & Stephens in Sauchiehall Street [when] a riveted steel girder 20 or 30 feet long ... fell upon the lorry ... which had brought it to the site'.¹⁰ A photograph taken during demolition shows the floors supported by such beams, resting on cast-iron columns.¹¹ The shop was described in 1904 as 'built on fireproof principles', but the drawings approved by the Glasgow Dean of Guild Court show timber floors, rather than the system of iron and steel



beams with concrete infill that Honeyman & Keppie had previously employed at the Glasgow Herald Buildings.¹²

Exterior

The *Glasgow Herald* described the style of the new building as 'Renaissance'.¹³ The facade was 'white freestone with moulded and carved dressings', the rear elevation to Sauchiehall Lane 'square dressed rubble'.¹⁴ Most of the ground floor was given over to huge display windows. On the upper floors, windows were arranged in continuous bands divided by narrow strips of masonry or columns, providing good natural lighting. Dormer windows with pedimented gables made a lively skyline above the balustraded cornice. The drawings for the dormer pediments show them filled with roundels of curvilinear decoration, which look like Mackintosh's work.

Four giant pilasters in the centre of the Sauchiehall Street front provided a setting for sculpture by William Kellock Brown, Albert H. Hodge and Annie Louise ('Aniza') McGeehan. The job books say that Brown did 'three panels', possibly those between the third- and fourth-floor windows showing *putti* with symbols of trade and navigation. McGeehan's tender and payment suggest that she was responsible for the seated figure of Justice in front of the dome, plus the four standing figures of Continents above the pilasters and one of the four corbels below. Hodge's contribution is not specified, but he was paid £450 – more than either of the others – so it must have been substantial. He may have designed and made the full-size models from which Brown and McGeehan carried out their carvings. Photographs taken shortly before demolition show that some of the work had a sinuous, Art Nouveau character, particularly the corbels and the panels with pairs of kneeling female figures above the fourth-floor windows.¹⁵

The main architectural feature was the dome. Of lead-covered timber on an iron frame, topped by an elaborate lantern and enriched with gilding, it served as an eye-catching symbol of the business. At least one advertisement for the store included the motto 'Sign of the gilt dome', and a 1909 description likened it, improbably, to the gilded dome of Les Invalides in Paris.¹⁶ In Victorian architecture, domes were generally reserved for important civic buildings, but the Wylie Hill department store in Buchanan Street, designed in 1889 by Mackintosh's first employer, John Hutchison, is a Glasgow precedent for a domed shop.¹⁷ Pettigrew & Stephens's dome no doubt functioned chiefly as an opulent landmark, but when the *Glasgow Advertiser and Property Circular* published John Honeyman & Keppie's design in January 1899, it stated that 'the dome is to be used – Eiffel like – as an outlook for visitors', and a 1900 advertisement referred to it as 'a view tower from which the whole of the city can be seen'.¹⁸ Another advertisement suggests that the interior may have been used as a *camera obscura*, or possibly for showing films: 'in its huge dome (reached by Electric Lifts), remarkable Living Pictures can be seen of the ever-changing



panorama of Sauchiehall Street'.¹⁹

It has been suggested that the Pettigrew & Stephens dome was adapted from Mackintosh's design for an octagonal, domed Chapter house, entered unsuccessfully in the 1892 Soane Medallion competition.²⁰ Although it shares the slightly pointed profile of Mackintosh's competition design (ultimately derived from Brunelleschi's dome for Florence Cathedral), the resemblance is otherwise very slight, and as far as Moyes could remember, Pettigrew & Stephens' dome 'was the work of Mr Keppie and Mackintosh had no influence on the design'.²¹ However, the distinctive lantern does resemble the one on top of the chapter house, and by the 1970s it had come to be regarded as Mackintosh's work. It certainly has little in common with the classicism of the rest of

the Sauchiehall Street shop, but its shallow, reverse-ogee cap with deep eaves recalls Mackintosh's 1892 design for a Railway Terminus, the tower of the Glasgow Herald and the ventilators on the roof of Martyrs Public School. Its balustrade of flat boards with pierced ornament recalls the S.W. gallery stair at Queen's Cross Church, and the pattern of the piercings is like the glazing of the doors at Queen's Cross.

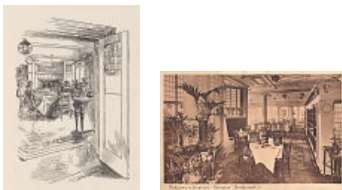


Corroboratory evidence for Mackintosh's authorship of the lantern and dormer roundels is provided by Ronald Harrison, who studied Mackintosh's architecture in the 1930s and had access to the office records. He included the dome and dormers on lists he compiled of works he believed to be by Mackintosh and of drawings produced in the office during Mackintosh's time. He also made tracings of two original drawings of these features.²²

Interior

The interior had galleries surrounding a central, glass-roofed light well, the standard arrangement for 19th-century department stores. The main staircase was marble-lined and lit by stained glass windows designed by Stephen Adam & Son, 'depicting the industries and costumes of a long line of centuries'.²³ An electric lift served the full height of the building; other technological features included Grinnell sprinklers and a system of Lamson's pneumatic tubes for conveying payments between the various counters and a central cash desk. Lighting was by gas and electricity, heating by steam pipes.²⁴

'Tea and luncheon rooms, furnished in luxurious style' were on the second floor overlooking West Campbell Street (the kitchen was on the top floor, to prevent cooking smells invading the sales areas).²⁵ Views of the tea rooms around 1909 show a decorative scheme in which classical plasterwork predominates, but there is also a partition incorporating leaded glazing and settles in curved recesses, which has features in common with designs of 1900–2 by Mackintosh.²⁶ The curved recesses recall the Reception and Music Room of the House for an Art Lover (1901), while the arm rests of the settles are similar to the built-in seating for the drawing room at Dunglass Castle (1900), the Children's Room of the House for an Art Lover (1901–2) and the Waerndorfer music salon in Vienna (1902).



Critical reception

Alexander McGibbon's perspective drawing was shown at the Glasgow Institute of the Fine Arts in 1899 (722), under the title 'Warehouse, Sauchiehall Street'. The *Glasgow Herald* commented that the architects 'have had a difficult problem set them in the incorporation of the existing corner building, and the most that can be said is that they have succeeded in conveying a sense of the unity of the whole, while increasing its dignity'.²⁷ The *Building News* expressed similar reservations, observing that the new building 'incorporates an existing structure which, to a certain extent, dominates the design'.²⁸

Later changes

In 1904, Pettigrew leased the building of the Fine Art Institute next door at 171–179 Sauchiehall Street, and began using it as his furniture department.²⁹ Designed in 1878 by J. J. Burnet (1857–1938), the Institute had shops on the ground floor and a suite of top-lit exhibition galleries on the first, reached by a central entrance vestibule and imperial stair. In 1906, Honeyman, Keppie & Mackintosh made various minor changes to adapt the whole building as an extension of Pettigrew & Stephens and link it internally with the rest of the shop. Further minor works to the basement followed in 1909, and in 1910 the exterior stonework was silicated. In 1914–15, the practice was employed on extensive alterations to the shopfronts, for which bronze work was supplied by the Birmingham Guild Ltd. and sculpture by Albert Hodge.



In 1971 Pettigrew & Stephens's entire premises were demolished and the site incorporated into the Sauchiehall Centre, a shopping complex of 1970–4. With the involvement of the Charles Rennie Mackintosh Society and the University of Glasgow, the lantern was salvaged and removed to the garden of The Hill House at Helensburgh.³⁰ Restored for display at the Glasgow Garden Festival in 1988, it was afterwards transferred to the Hunterian Art Gallery.³¹

People

Clients:

- Pettigrew & Stephens

Contractors:

- George Adam & Son
- Stephen Adam & Son
- Robert Aitken
- John Anderson
- H. L. Anderson & Co.
- Ashton, Frost & Co.
- Binnie & Murray
- The Birmingham Guild Ltd
- Bladen & Co.
- William Kellock Brown
- John Bryden & Sons
- Chubb & Sons
- Donald Clerk & Sons
- Scott, Clark & Co.
- James Cormack & Sons Ltd
- Alexander Cousland & Son
- Dowson, Taylor & Co.
- Galbraith & Winton
- John Gardner & Co.
- James Grant
- Archibald Hamilton
- Matthew Henderson
- Hislop & Stevenson
- Albert H. Hodge
- James Hutcheson
- Hutcheson & Grant
- James Ingleton & Co.
- William Kemp & Co.
- Lamson Pneumatic Tube Co.
- F. R. & C. H. Luke
- Edward MacBean & Co.
- C. & J. Malloch
- Mather & Platt
- McAuley, Clark & McLaren
- Daniel McCallum
- McCulloch & Co.
- McGeoch & Co.
- Annie Louise ('Aniza') McGeehan
- R. A. McGilvray & Ferris
- R. A. McGilvray
- William McGeoch, Kemp & Co.
- William Meikle & Son
- T. J. Miller & Sons
- R. B. Milne
- Ojax Ventilator Co.
- Osborne & Hunter
- John Paterson & Son
- Alexander Proudfoot
- George Rome & Co.
- Alexander Rowat & Co.
- W. B. Sayers
- William Shirreffs
- J. W. Singer & Sons
- Steven & Biggar
- Watson Bros
- Waygood & Co.
- Thomas Whyte

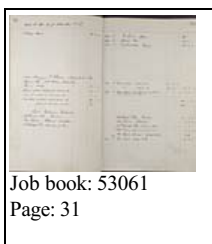
Job Book

The job books of Honeyman & Keppie (later Honeyman, Keppie & Mackintosh) are now held by The Hunterian, University of Glasgow and include four volumes related to the Mackintosh period. The books were used by the firm to keep a project-by-project, day-by-day record of contractors, suppliers and expenditure. The name of a project and/or client is usually at the top of the left-hand page, followed by information about tradesmen who tendered. The name of the measurer (quantity surveyor) is usually at the top of the right-hand page, followed by information about payments to contractors and suppliers. All of the data for M124 is entered in the tables below.

Page numbering is not consistent in the job books. Sometimes a single number refers to a double-page spread and sometimes each page is individually

numbered. Here, each image of a double-page spread is identified by the number given at the top of the left-hand page. (Images of all of the pages from the four job books can be found at [Browse Job Books, Visit Book and Cash Book.](#))

The following information about M124 has been extracted from the job books:



Client: Pettigrew & Stephens

Tenders:

Contractor	Type	Address	Date	Value	Accepted
Thomas Whyte	mason	no data in job book	no data in job book	£811 19s 10d ¹	yes

Payments (trades):

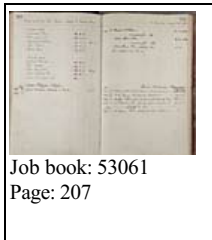
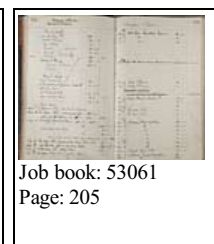
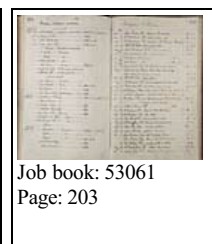
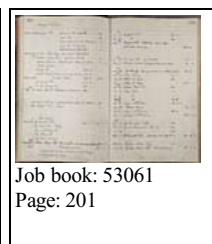
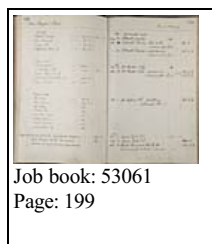
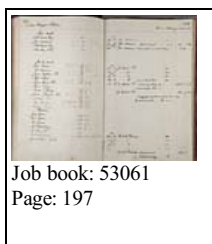
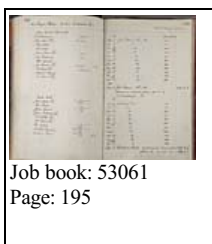
Name	Type	Payment out sum
Thomas Whyte	mason	First installment: 27 March Final installment: no data in job book £742 17s 5d

Payments (suppliers):

Name	Service	Payment date	Payment sum
Steven & Biggar	'roof lights for ventilation'	18 June	£3 14s 0d ²

Measurer fee payment: no data in job book (no data in job book)

Phase 2: Rebuilding, 1899–1901



Client: Pettigrew & Stephens

Measurer: Binnie & Murray

Tenders:

Contractor	Type	Address	Date	Value	Accepted
P. & W. Anderson	mason, cast iron and steel	no data in job book	no data in job book	£13737 5s 0d	no

Alexander Muir & Son	mason, cast iron and steel	no data in job book	no data in job book	£12646 0s 0d	no
Peter Miller	mason, cast iron and steel	no data in job book	no data in job book	no data in job book	no
William Miller	mason, cast iron and steel	no data in job book	no data in job book	no data in job book	no
James Goldie & Son	mason, cast iron and steel	no data in job book	no data in job book	£14471 0s 0d	no
John Kirkwood	mason, cast iron and steel	no data in job book	no data in job book	£14100	no
Robert Murdoch	mason, cast iron and steel	no data in job book	no data in job book	no data in job book	no
John Paterson & Son	mason, cast iron and steel	no data in job book	no data in job book	£12400 0s 0d	yes
George Barlas & Co.	mason, cast iron and steel	no data in job book	no data in job book	£13102 14s 9d	no
Morrison & Mason	mason, cast iron and steel	no data in job book	no data in job book	no data in job book	no
William Shaw & Sons	mason, cast iron and steel	no data in job book	no data in job book	no data in job book	no
James Maben & Co.	wright	no data in job book	no data in job book	£5590 0s 0d	no
Thomas Brown	wright	no data in job book	no data in job book	£5299 0s 0d	no
James Morrison	wright	no data in job book	no data in job book	£5180 0s 0d	no
James Herbertson & Son	wright	no data in job book	no data in job book	no data in job book	no
William McCall & Son	wright	no data in job book	no data in job book	no data in job book	no
William Shaw & Son	wright	no data in job book	no data in job book	no data in job book	no
Thomas Whyte	wright	no data in job book	no data in job book	£5630 0s 0d	no
Matthew Henderson	wright	no data in job book	no data in job book	£5200 0s 0d	no
Hutcheson & Grant	wright	no data in job book	no data in job book	£5216 0s 0d	yes
A. & D. MacKay	slater	no data in job book	no data in job book	£200 0s 0d	no
John Anderson	slater	no data in job book	no data in job book	£172 0s 0d	yes
J. McOwat & Son	slater	no data in job book	no data in job book	£185 0s 0d	no
A. M. Ross & Son	slater	no data in job book	no data in job book	£244 0s 0d	no
Colin Turner	plumber	no data in job book	no data in job book	£1257 18s 0d	no
William Anderson	plumber	no data in job book	no data in job book	£1360 6s 8d	no
James Ingleton & Co.	plumber	no data in job book	no data in job book	£1149 11s 3d	yes
Fyfe & Allan	plumber	no data in job book	no data in job book	£1273 0s 0d	no
Moses Speirs & Son	plumber	no data in job book	no data in job book	£1140 13s 6½d	no

Cairns & Laing	plumber	no data in job book	no data in job book	no data in job book	no
Brown & Young	plumber	no data in job book	no data in job book	£1309 15s 0d	no
James Johnstone & Son	plumber	no data in job book	no data in job book	£1187 0s 0d	no
A. Watson & Co.	plumber	no data in job book	no data in job book	£1250 0s 0d	no
Charles Cameron	plumber	no data in job book	no data in job book	£1130 14s 2d	no
Wallace & Connell	plumber	no data in job book	no data in job book	£1194 17s 10d	no
John Forbes	plaster	no data in job book	no data in job book	£2209 18s 8d	no
William Forbes	plaster	no data in job book	no data in job book	£2165 8s 6d	no
William Tonner	plaster	no data in job book	no data in job book	£2165 8s 6d	no
D. S. Hutcheson	plaster	no data in job book	no data in job book	£2148 7s 0d	no
George Rome & Co.	plaster	no data in job book	no data in job book	£2300 0s 0d	no
R. A. McGilvray	plaster	no data in job book	no data in job book	£2196 19s 8d	yes
John McKenzie	plaster	Jane Street	no data in job book	no data in job book	no
Galbraith & Winton	tile work	no data in job book	no data in job book	£345 3s 5d	yes
Kean & Wardrope	tile work	no data in job book	no data in job book	£359 19s 6d	no
Youden & Co.	tile work	no data in job book	no data in job book	£373 9s 3d	no
Staffordshire Tileries Co.	tile work	no data in job book	no data in job book	£350 19s 8d	no
C. & J. Malloch	glazier work	no data in job book	no data in job book	£440 0s 0d	no
William Meikle & Son	glazier work	no data in job book	no data in job book	£400 0s 0d	yes
British & Foreign Glass Co.	glazier work	no data in job book	no data in job book	no data in job book	no
Blythwood Stained Glass Co.	glazier work	no data in job book	no data in job book	£486 19s 7d	no
James Summers	glazier work	no data in job book	no data in job book	£400 0s 0d	no
Colin Turner	gasfitter work	no data in job book	no data in job book	£296 12s 0d	no
Charles Cameron	gasfitter work	no data in job book	no data in job book	£293 7s 5d	no
Fyfe & Allan	gasfitter work	no data in job book	no data in job book	£337 0s 0d	no
A. Watson & Son	gasfitter work	no data in job book	no data in job book	£365 0s 0d	no
Moses Speirs & Son	gasfitter work	no data in job book	no data in job book	£293 10s 0d	no
William Anderson	gasfitter work	no data in job book	no data in job book	£285 0s 0d	no

James Johnstone	gasfitter work	no data in job book	no data in job book	£310 0s 0d	no
James Ingleton & Co.	gasfitter work	no data in job book	no data in job book	£333 0s 0d	yes
Dowson, Taylor & Co.	sprinklers	no data in job book	no data in job book	£991 9s 0d ³	yes (17 October 1899)
Lamson Pneumatic Tube Co.	pneumatic tubes	no data in job book	no data in job book	£1385 0s 0d ⁴	yes
Waygood & Co.	lifts	no data in job book	no data in job book	£636 10s 0d ⁵	yes (23 October 1899)
J. W. Singer & Sons	metalwork	Frome, Somersetshire	no data in job book	£13 0s 0d ⁶	yes (7 November 1899)
Osborne & Hunter	lamps	no data in job book	no data in job book	£17 17s 6s ⁷	yes
Emley & Son	marble staircase	no data in job book	no data in job book	£578 5s 0d	no
Galbraith & Winton	marble staircase	no data in job book	no data in job book	£329 10s 0d ⁸	yes (29 November [1899])
John Youden & Co.	marble staircase	no data in job book	no data in job book	£572 15s 0d	no
De Grille [illeg.] & Co.	marble staircase	no data in job book	no data in job book	£535 0s 0d	no
Ashton, Frost & Co.	transformers	no data in job book	no data in job book	£540 0s 0d	yes (21 February 1900)
Annie Louise ('Aniza') McGeehan	sculpture	no data in job book	no data in job book	£335 0s 0d ⁹	yes (17 November [1899])
William Kellock Brown	sculpture	no data in job book	no data in job book	£60 0s 0d ¹⁰	yes (21 November [1899])
James Cormack & Sons Ltd	steam heating	no data in job book	no data in job book	£1016 8s 9d	yes (4 December 1899)
James Boyd & Sons	steam heating	Paisley	no data in job book	no data in job book	no
Hunter McWilliam & Co.	steam heating	no data in job book	no data in job book	no data in job book	no
Charles Richie & Co.	steam heating	no data in job book	no data in job book	no data in job book	no
MacKenzie & Moncur	steam heating	no data in job book	no data in job book	no data in job book	no
Stephen Adam & Son	stained glass	no data in job book	no data in job book	£202 0s 0d ¹¹	yes (6 July 1900 and 13 November 1900)
G. Stewart & Sons	painter	West Nile Street	April 1900	no data in job book	no
George Adam & Son	metalwork	no data in job book	no data in job book	£1110 0s 0d ¹²	yes
McAuley, Clark & McLaren	electric lighting	no data in job book	no data in job book	£1038 5s 0d ¹³	yes (2 May 1900)
Archibald Hamilton	name plates	no data in job book	25 July 1901	£194 2s 3d ¹⁴	yes
H. L. Anderson & Co.	painter	no data in job book	6 August 1900	£154 0s 0d ¹⁵	yes
James Hutcheson	lights	no data in job book	9 October 1900	£38 6s 0d ¹⁶	yes
William McGeoch, Kemp & Co.	kitchen fittings	no data in job book	17 November 1900	£372 5s 0d	yes
William McGeoch, Kemp & Co.	kitchen fittings	no data in job book	20 February 1901	£32 0s 0d ¹⁷	yes

Scott, Clark & Co.	railings	no data in job book	17 November 1900	£83 17s 0d ¹⁸	yes
Hutcheson & Grant	show cases	no data in job book	17 December 1900	£344 0s 0d ¹⁹	yes
George Adam & Son	gates	no data in job book	28 December 1900	£29 8s 0d ²⁰	yes
Matthew Henderson	show cases	no data in job book	13 February 1901	£567 2s 8d ²¹	yes
James Ingleton & Co.	fire hose	no data in job book	13 February 1901	£39 16s 3d	yes
R. A. McGilvray & Ferris	plaster	no data in job book	6 February 1901	£136 0s 0d ²²	yes
Waygood & Co.	dinner lift	no data in job book	14 February 1901	£60 0s 0d	yes
Matthew Henderson	show cases	no data in job book	15 February 1901	£46 10s 0d ²³	yes
Matthew Henderson	shop fittings	no data in job book	16 February 1901	£82 0s 0d ²⁴	yes
John Paterson & Son	mason	no data in job book	21 June 1901	£20 0s 0d ²⁵	yes
James Grant	joiner	no data in job book	21 June 1901	£22 0s 0d ²⁶	yes
George Adam & Son	iron work	no data in job book	8 August 1901	£9 10s 0d ²⁷	yes
Lamson Pneumatic Tube Co.	pneumatic tubes	no data in job book	7 October 1901	£45 0s 0d ²⁸	yes
James Ingleton & Co.	plumber	no data in job book	27 November 1901	£10 5s 0d ²⁹	yes

Payments (trades):

Name	Type	Payment out sum
John Paterson & Son	mason, cast iron and steel	First installment: 5 September 1899 Final installment: 15 May 1902 £11538 18s 7d
Hutcheson & Grant	wright	First installment: 2 November 1899 Final installment: 4 September 1902 £8840 11s 8d ³⁰
John Anderson	slater	First installment: 19 February 1901 Final installment: 1 April 1902 £143 18s 9½d ³¹
James Ingleton & Co.	plumber & gasfitter	First installment: 15 June 1900 Final installment: 6 November 1901 £1811 2s 8½d ³²
R. A. McGilvray	plaster	First installment: 15 June 1900 Final installment: 5 February 1902 £1752 5s 0d
Galbraith & Winton	tile & marble work	First installment: 20 May 1901 Final installment: 28 November 1901 £603 0s 9d ³³
William Meikle & Son	glazier	First installment: 28 February 1901 Final installment: 19 December 1901 £423 13s 9d ³⁴
James Ingleton & Co.	gasfitter	Payment date: [1] November [1901] £243 8s 4d
Dowson, Taylor & Co.	sprinklers	First installment: 7 November [1899] Final installment: 17 May 1900 £1044 1s 0d

Lamson Pneumatic Tube Co.	pneumatic tubes	Payment date: 13 June 1900 £1481 8s 2d ³⁵
Waygood & Co.	lifts	First installment: 14 January 1901 Final installment: 1 April 1902 £756 10s 0d ³⁶
J. W. Singer & Sons	metalwork	Payment date: 29 January 1900 £13 0s 0d
Osborne & Hunter	lamps	Payment date: 7 February 1900 £22 0s 10d ³⁷
Ashton, Frost & Co.	transformers	First installment: 25 January 1901 Final installment: 15 March 1902 £540 0s 0d
Annie Louise ('Aniza') McGeehan	sculpture	First installment: 9 July 1900 Final installment: 7 November 1900 £325 0s 0d
William Kellock Brown	sculpture	Payment date: 29 August 1900 £60 0s 0d
James Cormack & Sons Ltd	steam heating	Payment date: 11 September 1901 £915 16s 3d
Stephen Adam & Son	stained glass	First installment: 24 April [1901] Final installment: 14 May [1901] £231 7s 4d
H. L. Anderson & Co.	painter	Payment date: 3 December 1900 £166 1s 0d ³⁸
H. L. Anderson & Co.	painter	Payment date: 6 May 1901 £4 1s 0d ³⁹
Scott, Clark & Co.	railings	First installment: 4 April 1901 Final installment: 15 May 1901 £104 16s 3d ⁴⁰
R. A. McGilvray & Ferris	plaster	Payment date: 17 May 1901 £136 0s 0d ⁴¹
Matthew Henderson	showcases	First installment: 4 June 1901 Final installment: no data in job book no data in job book ⁴²
George Adam & Son	metalwork	First installment: 7 September 1900 Final installment: 6 June 1901 £1148 2s 0d ⁴³
William McGeoch, Kemp & Co.	kitchen furnishings	First installment: 4 July 1901 Final installment: 28 November 1901 £315 10s 0d
H. L. Anderson & Co.	painter	Payment date: 26 July 1901 £91 5s 0d ⁴⁴
H. L. Anderson & Co.	painter	Payment date: 27 August 1901 £2 11s 0d ⁴⁵
Archibald Hamilton	name plates	Payment date: 11 September 1901 £263 0s 0d ⁴⁶
Archibald Hamilton	name plates	Payment date: 20 September 1901 £1 10s 0d ⁴⁷
James Hutcheson	electric fittings	Payment date: 8 October 1901 £56 6s 0d ⁴⁸
George Adam & Son	metalwork	Payment date: 25 October 1901 £9 10s 0d ⁴⁹
McAuley, Clark & McLaren	electric lighting	First installment: 3 July 1900 Final installment: 27 March 1902 £1998 17s 0d
George Adam & Son	gates	Payment date: 1 April 1903 £8 0s 0d ⁵⁰

Payments (suppliers):

Name	Service	Payment date	Payment sum
William Shirreffs	'Carving at Dormers & Clock faces.'	29 March 1901	£95 6s 0d
Albert H. Hodge	no data in job book	First installment: 28 March 1900 Final installment: 6 November 1900	£450 0s 0d
Robert Aitken	no data in job book	First installment: 9 September [1899] Final installment: 30 May 1900	£135 12s 0d
John Gardner & Co.	Lightning conductor	10 October 1900	£25 0s 0d
F. R. & C. H. Luke	'prismatic glass'	26 December 1900	£4 9s 8d
Alexander Cousland & Son	'wire netting'	28 December 1900	£23 12s 0d
Ojax Ventilator Co.	'10 ventilators'	8 January 1901	£44 13s 0d
Glasgow Institute of the Fine Arts	work to 'mutual gable'		£166 11s 3d
Glasgow Corporation (Water Department)	'Connecting sprinklers to water mains'		£25 8s 10d
F. R. & C. H. Luke	'Luxfer glass'	26 April 1901	£5 2s 7d
Alexander Rowat & Co.	'wire netting at wells'	23 August 1901	£28 1s 3d
John Bryden & Sons	'dinner liff[,] letter shoot etc.'	8 October 1901	£25 10s 0d
W. B. Sayers	'Electrician', 'Consulting Engineer' and 'Consulting electrician'	First installment: 6 July 1900 Final installment: 22 April 1902	£145 9s 6d
Hislop & Stevenson	Painting	First installment: 10 September [1900] Final installment: 2 May 1902	£869 0s 0d
McCulloch & Co.	'painter work'	14 May 1902	£181 6s 3d

Phase 3: Fine Art Galleries, 1903–7



Job book: 53062
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Tenders:

Contractor	Type	Date	Value	Accepted
C. & J. Malloch	glass	2 June 1906	£20 3s 0d ⁵¹	yes
Donald Clerk & Sons	fireproof doors	14 June 1906	£33 5s 0½d	yes
Galbraith & Winton	marble	14 June 1906	£118 5s 0d ⁵²	yes
R. A. McGilvray & Ferris	plaster	21 June 1906	£13 15s 0d ⁵³	yes
C. & J. Malloch	glass	21 June 1906	£11 13s 0d ⁵⁴	yes
Chubb & Sons	safe door	2 July 1906	£20 15s 0d	yes

Payments (trades):

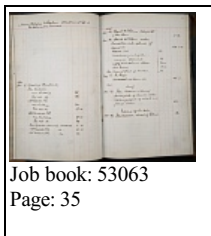
Name	Type	Payment out sum

C. & J. Malloch	glass	Payment date: 18 July 1906 £11 13s 0d ⁵⁵
Chubb & Sons	safe door	Payment date: 10 August 1906 £20 15s 0d
Donald Clerk & Sons	iron doors	Payment date: 29 October 1906 £70 0s 0d
Galbraith & Winton	marble	Payment date: 18 April 1907 £123 0s 0d
R. A. McGilvray & Ferris	plaster	Payment date: 19 June 1907 £141 15s 0d ⁵⁶

Payments (suppliers):

Name	Service	Payment date	Payment sum
Bladen & Co.	no data in job book	June 1904	£76 0s 0d
James Grant	'Joiner work'	14 June 1904	£305 19s 5d
John Paterson & Son	'Builder work'	14 June 1904	£142 7s 4d
James Cormack & Sons Ltd	'altering pipes'	12 August 1904	£6 19s 10d
McCulloch & Co.	'painter work'	18 August 1904	£270 0s 0d
R. A. McGilvray & Ferris	'plaster work'	15 August 1904	£42 0s 0d
Watson Bros	'iron doors'	26 December 1904	£48 0s 0d
James Grant	'Galleries in east & west rooms, cutting doorway and mending plaster.'	20 February 1906	£149 0s 0d
James Grant	'Artificer work charged at cost + 10 p.c. per arrangement'	First installment: 10 August 1906 Final installment: 27 April 1907	£574 1s 3d
Archibald Hamilton	'brass hand rails etc.' and 'shop fronts name plates etc.'	4 October 1906	£71 9s 5d
McGeoch & Co.	'name plates'	19 December 1906	£5 0s 0d
Daniel McCallum	'Mason Brick & Iron work.'	1 February 1907	£233 2s 2d
Daniel McCallum	'mason work, May 30 to date +10 p.c.'	8 January 1908	£99 1s 11d

Phase 4: Silicating, and alterations at lift, in tea room and in basement, 1909–10



Tenders:

Contractor	Type	Date	Value	Accepted
John Anderson	silicating	9 June 1910	£75 0s 0d ⁵⁷	yes
John Anderson	silicating	9 June 1910	£26 0s 0d ⁵⁸	yes
McCulloch & Co.	silicating	9 June 1910	£80 0s 0d ⁵⁹	no
McCulloch & Co.	silicating	9 June 1910	£19 10s 0d ⁶⁰	no
H. L. Anderson & Co.	silicating	9 June 1910	£81 10s 0d ⁶¹	no
H. L. Anderson & Co.	silicating	9 June 1910	£22 0s 0d ⁶²	no

John Anderson	painter	9 June 1910	£11 10s 0d ⁶³	yes
McCulloch & Co.	painter	9 June 1910	£16 11s 0d ⁶⁴	no
H. L. Anderson & Co.	painter	9 June 1910	£16 0s 0d ⁶⁵	no

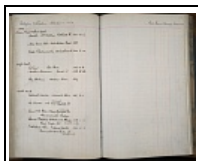
Payments (trades):

Name	Type	Payment out sum
John Anderson	painting	Payment date: 27 October 1910 £101 0s 0d ⁶⁶
John Anderson	silicating	Payment date: 27 October 1910 £26 0s 0d ⁶⁷

Payments (suppliers):

Name	Service	Payment date	Payment sum
Daniel McCallum	'Slapping at lift in Tea Room.'	22 December 1909	£7 12s 0d
Daniel McCallum	'Work in connection with extension of basement' (including 'underbuilding of stair', 'cutting off [illeg.], 'supply 6 C[ast] I[ron] columns & tools', 'steel beams' and 'areas at front of windows').	22 December 1909	£275 7s 10d
James Grant	'woodwork, iron beams, etc.'	30 May 1910	£126 7s 0d

Phase 5: Shop front, etc., 1913–15



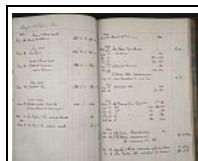
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Measurer: Binnie & Murray

Tenders:

Contractor	Type	Address	Date	Value	Accepted
Daniel McCallum	mason brick & steel	Bothwell Street	1913	£441 17s 9d	no
Alexander Muir & Son	mason brick & steel	134 Nithsdale Road	1913	£583 0s 0d	no
David Chalmers & Son	mason brick & steel	34 Bothwell Street	1913	£544 8s 10d	no
Daniel McCallum	mason & steel	no data in job book	26 January 1914	£395 6s 2d	yes
James Grant	wright	Pitt Street	1913	£1127 15s 2d	no
Mathew Henderson	wright	Grant Street	1913	£1120 8s 10d	no
John Cochrane	wright	Dobbies Loan	1913	£1237 0s 0d	no
James Grant	joiner	no data in job book	26 January 1914	£856 2s 5d	yes
Galbraith & Winton	marble	St Vincent Street	1913	£1336 2s 1d	no
James Duncan	marble	106 West Campbell Street	1913	'returned'	no
Fennie & Co. [i.e. Fenning & Co.]	marble	Palace Wharf, Rainville Road, Hammersmith, London	1913	'returned'	no

Farmer & Brindley	marble	63 Westminster Bridge Road, London S.E.	1913	£1482 1s 11d 68	no
J. Whitehead & Sons	marble	Imperial Works, Kennington Oval, London S.E.	1913	£1026 13s 3d 69	no
Galbraith & Winton	pavior	no data in job book	[1913]	no data in job book	no
James Duncan	pavior	no data in job book	[1913]	no data in job book	no
Fennie & Co.	pavior	no data in job book	[1913]	no data in job book	no
Farmer & Brindley	pavior	no data in job book	[1913]	no data in job book	no
J. Whitehead & Son	pavior	no data in job book	[1913]	no data in job book	no
Scott & Rae	pavior	91 Bothwell Street (per David Chalmers)	[1913]	£190 7s 9d	no
Galbraith & Winton	marble & pavior	no data in job book	26 January 1914	£1236 2s 1d	yes
G. & J. Rae	glazier	21 Ingram Street	[1913]	£336 17s 0d	no
Malloch Ltd	glazier	315 St Vincent Street	[1913]	£333 3s 11d	no
William Meikle & Sons	glazier	19 Wellington Street	[1913]	£331 0s 0d	no
Bailie & Telfer	glazier	no data in job book	[1913]	£334 17s 0d	no
Scottish National Glazing Co.	glazier	176 Rottenrow	[1913]	£340 15s 7d	no
R. L. Paterson	glazier	Abercrombie Street	[1913]	£338 15s 0d	no
C. & J. Malloch	glazier	no data in job book	27 January 1914	£333 3s 11d	yes
The Birmingham Guild Ltd	bronze	45 Great Charles Street, Birmingham	[1913]	£1925 0s 0d	no
Haskin Bros Shopfitters	bronze	Old Bond Street, London	[1913]	£2140 0s 0d	no
Bromsgrove Guild of Handicraft	bronze	per Mr Bishop	[1913]	£2533 13s 6d	no
Harris & Sheldon	bronze	Stafford Street, Birmingham	[1913]	£1883 4s 6d	no
Frederick Sage & Co.	bronze	52 Gray's Inn Road, London	[1913]	£3739 0s 0d	no
J. W. Singer & Son	bronze	Frome, Somerset	[1913]	£2185 0s 0d	no
The Birmingham Guild Ltd	metalwork	45 Great Charles Street, Birmingham	27 January 1914	£1620 0s 0d	yes
Albert H. Hodge	sculpture	London	1914	£200 0s 0d 70	yes
Alexander Proudfoot	sculpture	7 Woodside Place Lane	12 March 1914	£25 0s 0d 71	yes
George Rome & Co.	plaster	no data in job book	8 May 1914	£76 5s 10d	yes
R. A. McGilvray	plaster	no data in job book	1914	£88 0s 0d	no
Edward MacBean & Co.	rubber	no data in job book	11 June 1914	£51 15s 0d 72	yes
William Kemp & Co.	alabaster	no data in job book	1 September 1914	£12 0s 0d 73	yes
William Kemp & Co.	metalwork	no data in job book	24 October 1914	£5 10s 0d 74	yes
John Bryden & Sons	blinds	no data in job book	5 March 1914	£79 0s 0d	yes

Payments (trades):

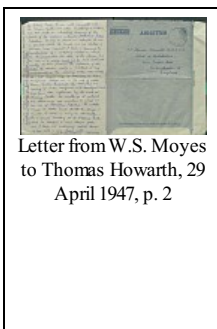
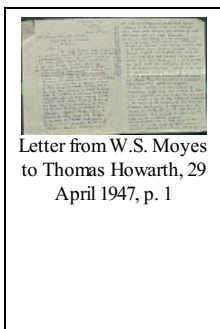
Name	Type	Payment out sum
Daniel McCallum	mason	First installment: 28 August 1914 Final installment: 5 February 1915 £429 13s 4d

James Grant	joiner	First installment: 15 July 1914 Final installment: 5 February 1915 £1116 6s 11d
James Grant	joiner	Payment date: 17 July 1914 £17 10s 0d ⁷⁵
Galbraith & Winton	marble & pavior	First installment: 17 August 1914 Final installment: 5 February 1915 £924 1s 11½d
C. & J. Malloch	glazier	First installment: 24 August 1914 Final installment: 5 February 1915 £307 3s 7d
The Birmingham Guild Ltd	bronze	First installment: 17 July 1914 Final installment: 5 February 1915 £1252 18s 3½d
George Rome & Co.	plaster	Payment date: 5 February 1915 £115 14s 8d
William Kemp & Co.	alabaster	Payment date: 5 February 1915 £18 10s 0d ⁷⁶
Galbraith & Winton	marble & pavior	Payment date: 5 February 1915 7s 6d ⁷⁷
Albert H. Hodge	sculpture	Payment date: 10 October 1914 £200 0s 0d
Alexander Proudfoot	sculpture	Payment date: no data in job book £25 0s 0d
John Bryden & Sons	blinds	Payment date: 23 November 1914 £85 3s 3d ⁷⁸

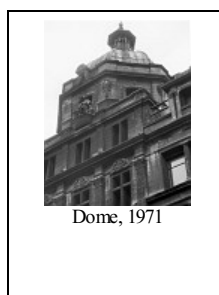
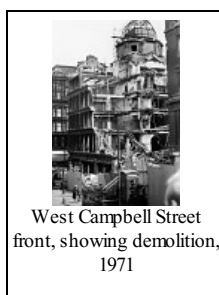
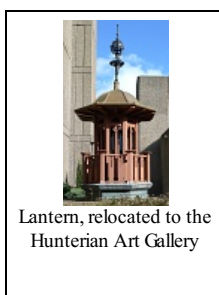
Payments (suppliers):

Name	Service	Payment date	Payment sum
T. J. Miller & Sons	'Collapsible gate as per est.'	4 February 1915	£5 3s 0d
R. B. Milne	French polishing	First installment: 13 October 1914 Final installment: 20 November 1914	£39 17s 8½d
Mather & Platt	'alteration of sprinklers'	20 November 1914	£7 18s 11d

Documents



Images



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- 1: The Hunterian, University of Glasgow: GLAHA 52337 (M1244-014); GLAHA 52473 (M1244-013).
- 2: University of Glasgow Archive Services: House of Fraser archive, valuation of Pettigrew & Stephens building, 15 May 1901, GB0248 FRAS 115/1.
- 3: University of Glasgow Archive Services: House of Fraser archive, memorandum of agreement between Andrew Hislop Pettigrew and William Henry Stephens, GB0248 FRAS 110.
- 4: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/63, p. 22.
- 5: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/63, p. 22.
- 6: *Glasgow Herald*, 20 December 1895, p. 4.
- 7: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/63, p. 101.
- 8: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/63, p. 101.
- 9: *The Eagle*, 2, 30 September 1909, pp. 9–10.
- 10: *Glasgow Advertiser and Property Circular*, 24 January 1899.
- 11: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 41.
- 12: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 41.
- 13: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 41.
- 14: *Glasgow Herald*, 27 April 1901, p. 1, p. 6.
- 15: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 104.
- 16: University of Glasgow Archive Services: House of Fraser archive, valuation of premises at 181–193 Sauchiehall Street, GB0248 FRAS 115/2.
- 17: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 104.
- 18: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 121.
- 19: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 121.
- 20: The Hunterian, University of Glasgow: Honeyman, Keppie & Mackintosh job book, GLAHA 53063, p. 35.
- 21: The Hunterian, University of Glasgow: Honeyman, Keppie & Mackintosh job book, GLAHA 53063, p. 35.
- 22: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/65, p. 32.

- 23: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/65, p. 32.
- 24: *Charles Rennie Mackintosh Society Newsletter*, 2, January 1974, p. 1.
- 25: *The Environment Show at the Glasgow Garden Festival '88*, [Glasgow, 1988] p. 11.
- 26: University of Glasgow Archive Services: House of Fraser archive, memorandum of agreement between Andrew Hislop Pettigrew and William Henry Stephens, FRAS 110; for a brief biography of Pettigrew, see *Glasgow Contemporaries at the Dawn of the 20th Century*, Glasgow: Photo Biographical Publishing Company, 1901, p. 198, with portrait photograph.
- 27: *The Eagle*, 2, 30 September 1909, pp. 9–10.
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- 29: *Glasgow Herald*, 20 December 1895, p. 4.
- 30: Glasgow City Archives Collection: Glasgow Dean of Guild plans, 1/4290.
- 31: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/63, p. 101.
- 32: *Glasgow Advertiser and Property Circular*, 27 September 1898.
- 33: University of Toronto, Robarts Library: letter from W. S. Moyes to Thomas Howarth, 29 April 1947, B96-0028/017 (13).
- 34: Glasgow City Archives Collection: Glasgow Dean of Guild Court, Register of Inspections, D-OPW 25/64, p. 41; *Glasgow Herald*, 27 April 1901, p. 1; p. 6.
- 35: *Glasgow Herald*, 15 November 1899, p. 4.
- 36: Edinburgh, Royal Commission on the Ancient and Historical Monuments of Scotland: negative GW/2165.
- 37: *Glasgow Herald*, 14 March 1904, p. 11.
- 38: *Glasgow Herald*, 27 April 1901, p. 6.
- 39: University of Glasgow Archive Services: House of Fraser archive, valuation of premises at 181–193 Sauchiehall Street, GB0248 FRAS 115/2.
- 40: Edinburgh, Royal Commission on the Ancient and Historical Monuments of Scotland: negatives GW/1094, GW/1095, GW/1099 and GW/1100.
- 41: *Pearson's Gossipy Guide to Glasgow, the Clyde District and the International Exhibition of 1901*, London: C. Arthur Pearson, [1901], p. 2 of Supplement; *Glasgow To-Day*, Glasgow: Henry Munro, 1909, pp. 56–9.
- 42: *British Architect*, 32, 22 November 1889, p. 362 and illustration.
- 43: *Glasgow Advertiser and Property Circular*, 24 January 1899; *Glasgow Post Office Directory*, 1900.
- 44: *Pearson's Gossipy Guide to Glasgow, the Clyde District and the International Exhibition of 1901*, London: C. Arthur Pearson, [1901], p. 2 of Supplement.
- 45: Thomas Howarth, *Charles Rennie Mackintosh and the Modern Movement*, London: Routledge & Kegan Paul, 2nd edn, 1977, p. 13.
- 46: University of Toronto, Robarts Library: letter from W. S. Moyes to Thomas Howarth, 29 April 1947, B96-0028/017 (13).
- 47: The Hunterian, University of Glasgow: GLAHA 52337 (M124-014); GLAHA 52473 (M124-013).
- 48: *Glasgow Herald*, 27 April 1901, p. 6.
- 49: University of Glasgow Archive Services: House of Fraser archive, valuation of premises at 181–193 Sauchiehall Street, GB0248 FRAS 115/2.
- 50: *Glasgow Herald*, 27 April 1901, p. 6; *Glasgow Herald*, 14 March 1904, p. 11.
- 51: Glasgow, Mitchell Library: Glasgow Scrapbook 8, p. 43; *Glasgow To-Day*, Glasgow: Henry Munro, 1909, pp. 56–9.
- 52: *Glasgow Herald*, 3 April 1899, p. 8. In 1903, Honeyman, Keppie & Mackintosh showed an elevation of the central part of the facade at the Royal Scottish Academy. This made a better impression by omitting the unbalanced flanking parts, and the *Scotsman* described it as 'a boldly treated warehouse front': *Scotsman*, 30 March 1903, p. 9.
- 53: *Building News*, 77, 18 August 1899, p. 193.
- 54: University of Glasgow Archive Services: House of Fraser archive, valuation of premises at 181–193 Sauchiehall Street, GB0248 FRAS 115/2;

Glasgow Herald, 14 March 1904, p. 11.

55: *Charles Rennie Mackintosh Society Newsletter*, 2, January 1974.

56: *The Environment Show at the Glasgow Garden Festival '88*, [Glasgow, 1988] p. 11.

57: Includes £119 17s 6d for 'Removal of stair & slapping at window etc.'; £8 10s 0d 'extra for substitution of marble steps'; £386 8s 7d for 'new tea Rm alteration of stair, etc.'; and £267 0s 0d for 'jobbing a/c throughout warehouse.'

58: 'Chargeable to Mr Melia.'

59: For 'Grinnell Sprinkler Installation'.

60: For 'Cash installation', with 'deduction of twenty pounds for present [illeg.]'.

61: Includes £350 0s 0d for passenger lift and £250 0s 0d for goods lift.

62: For two electric lamp brackets, 'to be delivered in 3 weeks'.

63: For '2 brockie pell lamps at front'.

64: This price was for 'vert antique & Skyros' marble; the same contractor also submitted a tender of £364 5s 0d for 'irish green, pavonezza & numidian' marble.

65: For '4 Continents' at £60 each, 'Justice' at £85 and a corbel at £10.

66: For '3 panels'.

67: Comprises separate tenders of £42 0s 0d for six panels 'at doorway', and £160 0s 0d for three staircase windows, 'small window at stair to basement to be charged at same rate as above'.

68: Comprises separate tenders for 'enclosure at lift' (21 April 1900, £365 0s 0d); '6 Galleries at 89.0.0' (21 April 1900, £534 0s 0d); '4 upper gallery fronts 49.0.0 each' (16 May 1900, £196 0s 0d) and '5 wrot iron grilles in lane' (18 January 1901, £15 5s 0d).

69: McAuley Clark & McLaren also submitted an offer to work at 'rates'.

70: For 'brass on windows & sills'.

71: For 'gilding dome'.

72: For 'electroliers in Tea Rm'.

73: For 'R. & A. Main extra fittings'.

74: For 'rails round wells'.

75: For '4 show cases £86 each'.

76: For 'Bostwick gates at lift'.

77: For 'large Exhibition Case', 'Cases & counters for same', 'small exhibition case' and 'cutlery case for warehouse'.

78: For 'plaster fibre for Exhibition Case'.

79: For '2 cases on ground floor'.

80: For 'Cash desk & panelling'.

81: For 'alteration at window east section'.

82: For 'alteration at window east section'.

83: For '3 grilles at windows in lane'.

84: For 'Spare armature'.

85: For 'leading hot water pipes to scullery'.

86: Includes £3097 18s 2d for 'fittings'.

- 87:** Includes £3 18s 0d for 'chimney can on vent of dome'.
- 88:** Includes £112 0s 0½d 'credit [for] value of old materials', and £26 0s 0d for half measurers' fee.
- 89:** Comprises £246 3s 0d for 'tile work', and £356 17s 9d for 'marble staircase'.
- 90:** Includes £2 8s 6d for 'salvage'.
- 91:** Includes £14 0s 0d 'credit value for 14 stations old system'.
- 92:** For '2 lifts cage & dinner lift all as per estimate'.
- 93:** For '2 Brockie pell lamps and wiring'.
- 94:** For 'gilding dome, etc.' On the same day, H. L. Anderson & Co. were paid £61 0s 0d for 'silicating the Chesters, Bearsden', A. H. Pettigrew's home.
- 95:** For 'painting projections of stonework'.
- 96:** For 'rails & screen round wells'.
- 97:** For 'plaster work at Exhibition Stand'.
- 98:** First instalment of £650 0s 0d is for 'Exhibition and other cases'.
- 99:** £1147 6s 0d for 'finial, lift enclosure gates. Railing & wells etc.', and 16s 0d for 'Stanc[h]ions at stair landing'.
- 100:** £80 0s 0s for 'Moorish Stall Exhibition', and £11 5s 0d for 'Lace Stall [Exhibition]'.
- 101:** For 'Cleaning gold work of dome'.
- 102:** For 'window plates'.
- 103:** For 'props at counters'.
- 104:** For 'bells at lifts & electroliers & shades'.
- 105:** For 'window grills at back'.
- 106:** For 'collapsible gates at front'.
- 107:** For 'glass at screen'.
- 108:** £30 10s 0d for 'Steps', at £15 5s 0d for each flight; £87 15s 0d for 'Stairs'.
- 109:** For 'metal lath & plaster'.
- 110:** For 'glass in roof &c.'
- 111:** For 'glass in roof etc.'
- 112:** £128 0s 0d for 'Plaster work'; £13 15s 0d for 'Covering & plastering beams'.
- 113:** For silicating stone front of 'own buildings', i.e. Pettigrew & Stephens.
- 114:** For silicating stone front of 'Fine Art' buildings, i.e. Institute of the Fine Arts.
- 115:** For silicating stone front of 'own buildings', i.e. Pettigrew & Stephens.
- 116:** For silicating stone front of 'Fine Art' buildings, i.e. Institute of the Fine Arts.
- 117:** For silicating stone front of 'own buildings', i.e. Pettigrew & Stephens.
- 118:** For silicating stone front of 'Fine Art' buildings, i.e. Institute of the Fine Arts.
- 119:** For 'painting windows'.
- 120:** For 'painting windows'.
- 121:** For 'painting windows'.

122: Includes 'painting top of cornice sashes, & altering figures of clock and gilding letters' at Pettigrew & Stephens's building.

123: For 'silicating Galleries', Institute of the Fine Arts building.

124: For 'marble only'.

125: For 'marble only'.

126: For '2 figures at door'.

127: For 'Small figure at corner'.

128: For 'india rubber mats'.

129: For 'Alabaster panels at soffit of Entrance'.

130: For two 'menu card frames'.

131: For sign board.

132: For 'alabaster panels & metal menu frames'.

133: For 'Fixing menu frames'.

134: Includes 'extra castings'.

Mackintosh Architecture: Context, Making and Meaning

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