

**BALHOUSIE PRIMARY SCHOOL  
77 DUNKELD ROAD  
PERTH**

*RETROSPECTIVE HISTORIC BUILDING  
RECORDING REPORT*

28742

14th January 2026



**On Behalf of:** *Perth & Kinross Council*  
*Council Offices*  
*2 High Street*  
*Perth*  
*PH1 5PH*

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### Document Review History

Rev	Date	Author	Approved by	Revision Stage
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## Non-Technical Summary

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AOC Archaeology Group was commissioned to undertake a retrospective Detailed historic building recording survey of Balhousie Primary School, 77 Dunkeld Road, Perth, on behalf of the Perth and Kinross Council as a condition of Listed Building Consent. The school was left a roofless ruin after a fire in June 2023, and has now been demolished, and this survey has been prompted by the intention by the Council to submit a planning application for affordable social housing at some point in the future.

Balhousie Primary School was built in 1908 as a result of the 1872 Education (Scotland) Act, which made education free and compulsory for children between the ages of 5 and 13. It was designed by prominent Perth architect George Penrose Kennedy Young, constructed from high quality red sandstone in a Renaissance style with Baroque detailing, drawing comparisons with the works of Christopher Wren.

The exterior of the building remained largely unchanged throughout its existence with the exception of the insertion of doors within original window openings in the south-east and north-west elevations.

The interior layout maintained the original classroom wall partitions with minimal change. Changes to room interiors predominantly involved the subdivision of spaces to create additional storage, welfare and administrative areas in the latter half of the 20th century, adapting for the increased administrative and legal requirements in the education system and increasing pupil numbers. The only significant structural change was located in the southern wing where two classrooms were merged to create a large dining room, likely due to the removal of the external prefabricated dining room built in the 1940s.

A previous historic building recording survey was completed by Derek Hall prior to the fire in 2023 to a Basic level of survey. Hall's report, together with the demolition records, archive research and historical mapping, have identified that there were three main phases of development on the site comprising the original construction (Phase 1), internal alterations in the mid to late 20th century (Phase 2) and additions dated to 2011 (Phase 3).

No further historic building recording is required, although this will need to be confirmed in writing by the Perth and Kinross Council Heritage Trust on behalf of the Perth & Kinross Council.

# 1 Introduction

## 1.1 Project Background

- 1.1.1 A retrospective historic building recording survey was required as a condition of Listed Building Consent (LBC) of Balhousie Primary School, 77 Dunkeld Road, Perth on behalf of Perth and Kinross Council (Planning Ref: 25/01561/LBC). The school was left a roofless ruin after a fire in June 2023, and has now been demolished. The requirement for this survey has been prompted by the intention by the Council to submit a planning application for affordable social housing on the site at some point in the future.
- 1.1.2 The site lies within the administrative area of Perth and Kinross Council, which is advised on archaeological matters by Perth and Kinross Heritage Trust (hereafter PKHT). They advised that a Detailed level of historic building recording survey was required of the school as a condition of the LBC.
- 1.1.3 The works were conducted in accordance with the principles set out in *NPF4 (2023)* and *Planning and Guidance 2 (2011)* and adhered to the Chartered Institute for Archaeologists (ClfA) *Guidance for the Archaeological Investigation and Recording of Standing Buildings (2019)* and the *ClfA Code of Conduct (2022)*.

## 1.2 Site Location

- 1.2.1 The potential development site is centred on NO 11118 24452 (Figures 1 & 2). It is located approximately 1km north-west of Perth City Centre to the east of Dunkeld Road/Crieff Road roundabout. The site is located within the former Balhousie Primary School grounds which comprises a walled sub-triangular plot of land comprising the former school building in the centre, a Janitor's House in the north-west corner and outbuildings to the south. It is bounded by Dunkeld Road to the west, Muirton Place to the north, Balhousie Street to the east and shares a boundary wall with housing to the south.
- 1.2.2 The LBC pertained to the former school building and does not include the Janitor's House in north-west corner of the site or surrounding boundary walls and structures.
- 1.2.3 The former school building has lain vacant since 2023 and was declared structurally unsound following a major fire on 22nd June 2023. Structural assessment by G3 Consulting Engineers noted widespread loss of key load-bearing elements, global instability of roofs and floors, and areas of localised collapse (G3 2025).
- 1.2.4 A Dangerous Building Notice was served on the 25th June 2025 resulting in the demolition of the structure in August 2025.

## 1.3 Development Proposals

- 1.3.1 No planning permission has been sought for redevelopment of the site at present. Perth and Kinross Council are proposing to build affordable social rent housing on the site in the future.

## 1.4 Statutory Designations

- 1.4.1 The site was a category B listed building, designated by Historic Environment Scotland in 1977. The listing description outlines a description of the building:

‘G P K Young 1908, Edwardian Renaissance, 2-storey red sandstone symmetrical fronts NW and SE, 6-window flanks; Double-stepped NW front has central entrance porch with tall arched window rising into segmental pediment above, 2 long segment headed flanking windows, 4-window breaks to advanced 1-window wings. Slated roof, 2 cupolas with ionic columns and weathervanes.’ (HES 1977).

1.4.2 The site is recorded in the local Historic Environment Record (Ref No MPK17975).

## 2 Objectives

2.1 The former Balhousie Primary School building has been demolished. Therefore, the objective of this retrospective historic building recording survey was to record the remains (via existing records, previous surveys, pre/mid-demolition photographs, and measured survey) to provide a record of the building.

2.2 The detailed objectives of the survey were to:

- Determine the building’s former development and use.
- To provide a thorough written account of the building’s form, function, date and sequence of development.
- To accumulate a photographic record of the building from existing data.
- To provide a descriptive account of the interpretation of the building.

2.3 A further objective of the survey was to make public the results of the investigation, subject to any confidentiality restrictions, through a detailed technical report, and to create an archive of the results to national recognised standards to be included within the National Record of the Historic Environment (NRHE) and the local Historic Environment Record (HER).

## 3 Methodology

### 3.1 Introduction

3.1.1 As the former school building has been demolished, only a retrospective survey could be undertaken. This took the form of an examination of a previous existing building survey conducted by Derek Hall in May 2023 before the fire and pre/mid-demolition photographs, both provided by the client, to establish a base description of the building. Derek Hall’s original report can be found in Appendix 3.

3.1.2 A Detailed/Level 2 historic building recording survey was required by Perth and Kinross Council of the site, as much as is feasible given the available data, based on ALGAO (2013)/HE (2016) nationally recognised guidelines. This level of survey requires a photographic, written and drawn record preceded by an element of archive research to place the findings in context and aid the phasing, general history and development of the building.

## 3.2 Archive Research

3.2.1 A number of sources were consulted during the archive research, which include an historic map-regression exercise identifying all publicly accessible pre-Ordnance Survey maps and Ordnance Survey maps from the First Edition to the present day. In addition, the following sources were consulted:

- Statistical Accounts for Scotland
- New Statistical Accounts for Scotland
- Post Office Directories
- Ordnance Survey Name Books
- Listed Building Description
- Canmore Entry
- Credible online sources outlining general known histories of the site and area
- Secondary publications
- Historical records for Perth & Kinross
- May 2023 'Basic' historic building survey report by Derek Hall (see Appendix 3)
- Pre and post demolition photographs provided by the client

3.2.2 A visit was made to the Perth & Kinross Archives at the AK Bell Library in York Place, Perth, to identify any additional local sources and archives to provide context to the building.

## 3.3 Photographic Record

3.3.1 The photographic record for the site, used as Plates to illustrate this report, has largely come from the 2023 Derek Hall report in addition to other existing sources provided by the Perth & Kinross Council, including photos taken during the demolition. Photo Plans identifying the approximate position and direction of each photograph and plate are provided to illustrate this report (Appendix 1, Figures A1–A4).

## 3.4 Drawn Record

3.4.1 The drawn record at this level of survey requires a representation of the exterior elevations and floor plans of the building. Existing architects' drawings, provided by the client, were used to illustrate the building's layout and identify the location of significant features where possible.

3.4.2 A copy of the original architects' proposed drawings can be found alongside these, in Figures 12, 14 and 16.

## 3.5 Data Management and Archiving

3.5.1 Within 6 months of the conclusion of this project, the site will be archived. This following table identifies the archive deposition and what will be retained by AOC in relation to this project specifically and what will be deposited and where.

Dataset	File Type	Retained by AOC	Supplied to Client	Deposited in NRHE	Supplied to HER
Final Reports (Approved)	PDF	Yes	Yes	Yes	Yes
Illustrations	CAD (dwg)	Yes	No	No	No
Illustrations	PDF	Yes	No	No	No
GIS Data (red line boundary)	GDB/ SHP	Yes	No	No	Yes (zipped)

3.5.2 The project has been entered on to the OASIS website (Ref: aocarcha1-539139) and once this report has been approved by the PKHT, a digital copy will be uploaded. A summary of the OASIS entry is provided in Appendix 3.

### 3.6 Public Engagement

3.6.1 All archaeological recording work undertaken, from below-ground investigations to the detailed recording of large upstanding structures, is underpinned by the importance of such work to have public benefit and social value (Scottish Government 2014, Section D; ALGAO 2023). Therefore, should the Perth & Kinross Heritage Trust, on behalf of the Perth & Kinross Council, deem that the findings of this survey are of important significance, further works may be required to satisfy the Listed Building Consent.

## 4 Historical Background

### 4.1 Origins of the Site

4.1.1 The future location of Balhousie in the 18th century can be found on Roy's military map of ca. 1747–1752 (Figure 3). The site is depicted within agricultural land with a waterway to the north-east and Balhousie Castle enclosed within a wooded area to the south-east.

### 4.2 Developments in the 19th Century

4.2.1 The area is depicted in greater detail in the 1866 Ordnance Map which identifies the waterway as Balhousie Lead (HER No. MPK3508) which crosses the western edge of the site on a north-west/south-east alignment (Figure 4). It represents the north-east branch of the town's lead which branches off at the 'Boot of Balhousie', extending towards Balhousie Mill (OS Name Book 1862). The remainder of the site is open and unused land, partially abutting the western tip of Balhousie House Estate gardens.

### 4.3 Developments in the 20th Century

4.3.1 Little has changed within the development area by the Ordnance Survey map of 1901 (Figure 5). Outwith the site, housing has been constructed along Dunkeld Road stopping at the current southern boundary. A residential area has been constructed to the north at Muirton Place comprising four houses with outbuildings which is separated from the site by an area of rough grazing. The lade is also depicted, although has been culverted to the south-east end. By

Leslie's 1907 map the road has been constructed at Muirton Place within the former area of rough grazing land to the north of the development site (Figure 6).

- 4.3.2 Balhousie Primary School (originally known as the Northern District Primary School) was built in 1908 in an Edwardian Renaissance style by local architect George Penrose Kennedy Young (Plate 1). A glass time capsule placed beneath the foundation stone during construction was uncovered during the demolition works and is under conservation at Perth Art Gallery (Perth and Kinross Council 2025a).
- 4.3.3 The school is first depicted in detail on the Ordnance Survey map of 1932 (Figure 7). A small L-shaped building is located in the north-west corner within a walled garden area, representing the Janitor's House. The main school building is situated roughly in the centre on a north-east/south-west alignment. The grounds have been separated into two areas, representing girls' and the boys' entrances.
- 4.3.4 By the 1963 Ordnance Survey map four additional structures have been constructed (Figure 8). There are two linear structures located near the northern boundary representing prefabricated buildings built in ca 1944. The western structure represents an additional classroom adjacent to the Janitor's House, whilst the eastern structure is a dining room. Three structures located along the southern boundary represent segregated external latrines flanked by the girls' play shed to the west and boys' play shed to the east.

#### 4.4 Modern Developments

- 4.4.1 The building was in use as a primary school until 2023, at which point the school was replaced by a newly built merged school located in North Muirton. It was subject to a suspected arson attack shortly after its vacation in June 2023 which gutted the building (Plate 2).
- 4.4.2 A Basic level of historic building recording survey was conducted by Derek Hall in May 2023 just prior to the fire in advance of the proposed conversion of the building into flats (Hall 2023; Appendix 3). The building was demolished in August 2025 on the grounds of health and safety.

## 5 Results

### 5.1 Exterior

#### *Introduction*

- 5.1.1 Balhousie School has now been demolished in its entirety and as such the descriptions are based on the available records, and Derek Hall's 2023 report (see Appendix 3).
- 5.1.2 Balhousie Primary School was built in 1908 in a Renaissance style with Baroque-style detailing. It was broadly symmetrical and constructed from coursed rusticated red sandstone with red ashlar used for quoins and dressings to the openings. It was a nine-bay and 18-bay by seven-bay two-storey building (with small basement and mezzanine) comprising a rectangular block orientated north-east/south-west with advancing wings on the north-east and south-west corners which step back towards the main entrance.

- 5.1.3 Dressed ashlar features extended around the exterior of the building comprising a plinth, string course and eaves corncicing, with the exception of the central bay of the north-west elevation (Plate 3). The plinth comprised five courses of dressed ashlar at the base of the building and formed the sills of the ground floor windows. The string course separated the ground and first levels and formed the sills of the first-floor windows. The eaves level corncicing was situated above close-set stone corbels set above a single course of dressed ashlar.
- 5.1.4 All windows were 12-pane timber double hung sash windows with hoppers unless stated otherwise. Lead-lined wallhead gutters extend around the roof edge with cast-iron downpipes and drainage hoppers located across the building exterior.
- 5.1.5 The roof was a hip and valley roof comprising two U-shaped ridge lines with drainage valleys between and constructed from double lapped slate tiles with lead flashing. There were five chimney stacks: four smaller stacks located on the north-west elevation and a larger stack located on the north-east elevation. Two ionic columned cupolas with shuttered leaded vents comprising dragon and rooster weathervanes were located to the east and west sides of the main north-west elevation, respectively.

*North-West Elevation (Figure 9; Plates 4–12)*

- 5.1.6 The main façade of the former school was the north-west elevation (Figure 9; Plates 4–6). It comprised five sections in a double stepped configuration, the first and fifth sections (single bays) representing advancing wings, the second and fourth sections (three bays) representing the boys' and girls' entrances to the east and west respectively and the central section (five bays) containing the main school entrance.
- 5.1.7 The outer first and fifth bays were in opposite symmetry, containing tall single windows at ground and first floor levels. The ground floor windows had dressed stone surrounds with open segmental pediments, acanthus leaf capitals, and decorative keystones (Plate 7). The first floor windows were simpler designs with dressed stone surrounds and decorative keystones. Eight metal air vents were visible across both floors, positioned above the ground floor level, representing the external element of the Tobin tube ventilation system. The roofs were hipped and angled towards the eaves.
- 5.1.8 The second and fourth sections comprised three bays each and were stepped back from the outer bays and were also mirrored. Both bays contained a stone porch at the intersection which contained the boys' and girls' entrances to the east and west respectively. The porches were flat roofed and contained two solid timber double doors with glazed vision panels, double hung 12-paned casement windows and single stone step. Stone pediments with capitals were located above the door openings with 'BOYS' and 'GIRLS' incised into the stone to the east and west respectively. A modern sign with 'Main Entrance' had been placed above the western double doors showing the change of use in recent years.
- 5.1.9 Friezes with relief carvings of wreaths and festoons were located above the window openings on the porches (Plate 8). Metal vent pipe openings were located to the side of the friezes at the intersection with the outer bays (Plate 9).

- 5.1.10 Single timber door openings were located adjacent to the porches with three-over-two transom windows and three stone steps up to the raised interior floor level. The openings were set within a moulded stone architrave with decorative keystone, in keeping the window surrounds. A repeated architrave design sat between the door openings and the third section, containing two three-over-two windows set at heights mirroring the door and transom. The first floor contained four 12-paned windows with dressed stone surrounds and decorative keystone design. The return walls contained three windows in keeping with the main elevation, two at ground floor level and one at first floor level.
- 5.1.11 The centre section sat back from the second and fourth sections and contains the original school entrance in the centre bay. The main entrance comprised a stone angled porch with flat roof and cornicing (Plate 10). A double solid timber panelled door was located towards the centre of the porch set within a moulded architrave with three stone sets rising up to the raised internal floor level. A frieze scrolled edges and the inscription 'INFANTS' was located above the architrave.
- 5.1.12 Above and to the rear of the porch sat a stone plinth with the relief carving 'M.CM.VIII' (1908). The plinth formed the cill for a tall 21-paned arched window set within a moulded recess with open segmental arch and decorative keystone, and flanked by squared pilasters (Plate 11). To either side of this, the porch and central window were flanked by two tall 14-paned arched windows set within moulded architraves with scrolled keystones. The scrolled keystones form the lower decoration for bullseye windows set within moulded surrounds with decorative keystone and block design located above.
- 5.1.13 Across the elevation there were four chimney stacks located at the intersections between the bays. All the stacks were constructed from ashlar with stone capping and contained single ceramic pot (Plate 12). The centre roof featured a tall ventilation cupola with cockerel weather vane.

*South-West Elevation (Figure 10; Plates 13–15)*

- 5.1.14 Moving round to the side elevation facing the south-west, this was a seven-bay façade comprising fourteen window openings, vertically-aligned windows to each bay on each floor (Plates 13 & 14). The two bays to the north contained three windows at each level. The central ground floor window of each had triangular pediments with acanthus leaf pilaster capitals and decorative keystone (Plate 15). The two three-bay sections were separated by a downpipe with hopper. The decorative keystone design was repeated above the first floor windows. The southern bay is stepped back and contained single windows at ground and first floor level. Ten metal air vents were visible across both floors, positioned above the internal floor level, representing the external element of the Tobin tube ventilation system.

*South-East Elevation (Figure 11; Plates 16–18)*

- 5.1.15 The south-east elevation contained eighteen bays, contained in five sections, in a stepped configuration. The first and fifth sections represented the rear elevation of the two protruding wings and contained no openings. The second and fourth three-bay sections stepped out from the protruding wings, and both comprised three windows at each level. The lower windows had plain dressed stone surrounds whilst the upper windows continued the decorative keystone

design seen on the previous elevations. The central six-bay section was stepped back from the second and fourth sections. It comprised twelve openings on each level, the upper of which contained windows with a decorated keystone surround. The ground openings contained ten 12-paned windows and two off-centre single door openings. The doors were installed in 2001 to provide access from the school nursery to the playground through existing window openings. Both doors contained side windows with transom windows and retained the upper eight panes from the original windows. The interior floor levels were accessed via a single step at the west door and ramp on the east door.

- 5.1.16 Downpipes with drainage hoppers were located in the intersecting corners of each section and towards the centre of the elevation. Thirty metal air vents were visible across both floors, positioned above the internal floor level, representing the external element of the Tobin tube ventilation system.

#### *North-East Elevation (Figure 12; Plates 19–24)*

- 5.1.17 The north-east elevation is a near identical reflection of the south-west elevation (Plates 19 & 20). A rectangular set of metal railings located at the north edge of the central bay enclosed a set of stone steps leading to a plant room (former basement) beneath the north-east wing (Plate 21). The partial return of a tall chimney stack was located at the intersection between the central and south bays (Plates 22 & 23). The stack was constructed from ashlar towards the base and for seven courses above the eaves level with capping stone. Above this, the chimney was constructed from red brick open to a square flue. The original architect's drawings proposed that the stack above the capping stones contained a double round-headed arch design (Plate 24). The double arch was a fashionable design feature seen in the late Victorian and Edwardian years signalling wealth or local importance of the building, and so it likely did exist originally, although is difficult to see on the early images of the school (see Plate 1). The brick may have been a replacement when the top of the chimney stack became weathered and loose, and a danger to health and safety, although this is only speculation.

## **5.2 Interior**

### *Introduction*

- 5.2.1 The building features a typical layout for an Edwardian school conforming to general patterns of school building at the time:

*'Where space permitted, schools had only one or two storeys, and the gables of the classrooms provided the main external feature ... an asphalt playground, covered shelters, and a separate house for the janitor were standard features, as were separate entrances and staircases for the boys and girls, though they sat together in the classrooms.'* (Anderson 2003).

- 5.2.2 Each floor originally comprised a central circulation area with six large well-lit classrooms to the rear and two further classrooms in each wing with a central hall area flanked by girls' and boys' cloakrooms. The classrooms contained tall doorways with additional internal windows above to afford more light and ventilation into the windowless corridor. Between the floor levels were two small mezzanine levels which originally contained staff areas and storerooms. A Tobin tube ventilation system provided 'fresh hygienic air' to circulate around the building. Outside

air was drawn into each classroom through metal vent tubes and extracted through grilles into air ducts in the walls to be exhausted through the cupolas (Plates 25 & 26). The vents were controlled at points throughout the building, visible as brass toggles and slide switches (see Plate 26).

- 5.2.3 The layout of the school building had broadly remained the same as when it was first constructed, with many of the original fixtures and fittings remaining. The original layout had been amended to create new office, storage and welfare spaces with the addition of dividing walls creating Rooms 0/3–0/6, 0/10–0/13, 0/15, 0/20–0/21, 1/13–1/17 and 1/19–1/22. Room 0/1 has combined two original classrooms to create a large open dining area with kitchenette. The interior of the main walls was coursed ashlar whilst the dividing walls were constructed from brick (Plate 28).
- 5.2.4 The walls and ceilings were plastered and painted, and the floors were covered with linoleum in communal areas and carpeted in classrooms/offices, obscuring the original wood block floor identified in the architects' plans (Plate 29). Dado rails were seen throughout the building at a height of ca. 1.25m situated above areas containing vertical timber panelling or wall tiles. The timber panelling was predominantly located within the classrooms, with wall tiles in the corridors.
- 5.2.5 All internal doors were solid timber with six upper panes and two-over-two transom windows, unless stated otherwise. All interior glass panes were frosted. All windows on the exterior walls were timber-framed within splayed recesses.

#### *Ground Floor (Figures 13 & 14; Plates 27–69)*

- 5.2.6 The ground floor of the building was laid out around a central U-shaped corridor (separated into Rooms 0/1, 0/6, 0/15 and 0/22) linked by a large central circulation area, Room 0/9, flanked by toilets (Rooms 0/8 and 0/21), utility rooms, and a changing room (0/20). The rooms to the rear (south-west) comprised a dining hall (Room 0/2), a reception and offices (Rooms 0/3–0/5), a staff (resources) room (Room 0/7), stores (Rooms 0/10, 0/12 and 0/14), more toilets (Rooms 0/11 and 0/13) and four classrooms (Rooms 0/16–0/19).
- 5.2.7 Rooms 0/1 & 0/1a

Room 0/1 was a north-west/south-east-aligned corridor located at the south-western end of the building representing the original girl's entrance. It provided access to Rooms 0/2, 0/3, 0/6, the south mezzanine and exterior of the building. It was accessed from the exterior via two outward-opening double doors which lead into a porch area (Room 0/1a). Two inward-opening modern fire doors on the north-west wall of the porch provided access to the main corridor and the stairs to the mezzanine level (Plates 30 & 31). The main corridor and stairs were separated by a partition wall. The stairs to the upper floor were covered in linoleum, with modern handrails on both walls and the original timber banister on the south-east wall.

The main corridor was accessed up a low flight of stairs (Plate 32). The area in front of the access door on the north-west wall was recessed with a dentil design cornicing at mezzanine level. The south-west wall contained three door openings providing access to Room 0/2, the dining room. The north-west door was the original outward-opening timber classroom door for

'Classroom 1' (see Figure 14; Plate 33). A modern central squared recess contained two outward-opening timber doors with single upper panes, acting as designated entrance and exit doors for the main dining room area (Plate 34). To the south-east of the doors was an original four-over-four fixed-pane window originally used to provide additional light to the corridor from 'Classroom 2' (Figure 14; Plate 35). The south-east end of the corridor contained the original outward-opening door accessing Room 0/3 (Plate 36). A slightly recessed area on the north-east wall contained a modern inward-opening door which provided access to a connecting lobby, Room 0/6. Two internal mezzanine-height timber-framed windows were located on the north-east wall, a three-over-four window to the north-west and a two-over-three to the south-east (Plate 37). An original timber coat rail with metal hooks was located at a height of 1.08m above floor level.

#### 5.2.8 Room 0/2

As mentioned above, Room 0/2 was a half timber-panelled dining room with a kitchen to the north-west side, although originally comprised 'Classrooms 1 and 2' (see Figure 14). It contained a counter/serving area within a partitioned area (not to ceiling height) which partially obscured a central window on the main wall (Plate 38). The south-west wall contained six window openings with modern radiators set within the five of the recesses and an original cupboard with drawers built below the south-east central window (Plates 39 & 40). The north-east wall contained a large original window opening to the south-east and three outward-opening doors providing access to Room 0/1, as previously mentioned (Plate 41).

#### 5.2.9 Rooms 0/3 to 0/5

Rooms 0/3 to 0/5 represented the subdivided areas of original 'Classroom 3' (see Figure 14). As such, the original outer walls contained half-timber panelling. Room 0/3 was a reception area accessed via an inward-opening door on the north-west wall from the corridor 0/1. A glass panel screen on the south-east wall separated the reception area from Room 0/4, which was accessed via an outward-opening door in the south corner. An outward-opening door on the south-west wall provided access to Room 0/5.

Room 0/4 was the receptionist's office (Plate 42) with two window openings in the south-east wall, and two inward-opening doorways in the west corner.

Room 0/5 was a narrow meeting room and contained a central window on the south-east wall and another to the north-west end of the south-west wall (Plates 43 & 44). Photographs taken during the 2023 survey suggest cast iron radiators were located beneath each window. Two modern doors on the north-east wall provided access to Rooms 0/3 and 0/4.

#### 5.2.10 Room 0/6

Room 0/6 was a lobby area providing access to Rooms 0/1, 0/7, 0/8, 0/9 and the south switch room (Plates 45–47). It was accessed from Room 0/1 via an outward-opening door on the south-west wall and provided access to the large circulation area, Room 0/9, through a modern door with two-over-two transom on the north-east partition wall.

The south-east wall contained an outward-opening door surrounded by three two-over-two paned windows which provided access to Room 0/7 (Plate 48). An opening to the north-east

side in the north-west wall provided access to Room 0/8 (a toilet suite) and an inward-opening door in the south end of the same wall provided access to the switch room beneath the stairwell. The underside of the mezzanine stairs and partition wall was visible on the north-west wall here and was supported by a single circular column and crossbeams. A two-over four timber window was located to the southern corner of the stair partition wall.

#### 5.2.11 Room 0/7

Room 0/7 was the staff (resource) room and was originally 'Classroom 4' (see Figure 14). The walls contained half-timber panelling and the room was accessed via an inward-opening door on the north-west wall surrounded by three windows, a pilaster to the north separated the opening from a large window opening (Plate 49). The entrance had a latch on the floor used as a door-stay. Brass fixings used to control the ventilation system for the room were set into the pilaster. An L-shaped partition wall on the north-east wall separated the staff kitchen area from the main seating area (Plate 50). An array of three original window openings with inset radiators were located on the south-east wall (Plate 51). A timber blackboard was located on the south-west wall (Plate 52).

#### 5.2.12 Room 0/8

Room 0/8 represents the original girls' cloakroom which was used in recent years as the girls' toilets. No survey information was available for this area from the 2023 survey.

#### 5.2.13 Room 0/9

Room 0/9 was an entrance hall and circulation area with two-storey full-height ceiling (Plates 27, 53 & 54). The room was accessed via a porch area on the north-west wall. The porch protruded into the room and contained a central glazed double timber door set within a decorated timber architrave (Plate 55). The architrave comprised decorative pilasters with frieze, cornicing and broken segmental pediment. The frieze and cornicing extended across the width of the protruding wall and on the returning edges. Plaster mouldings were located above the pediment mirroring the wreath and festoon decoration on the external elevation. A large timber-framed arched window with timber sill was situated above the mouldings sitting within an arched recess. A decorative floral keystone design sat between the window head and arch apex. The window was flanked by two columns extending up from the porch wall which contained plaster wreath mouldings. The central porch area was flanked by two mirrored narrow timber-framed arched windows with round windows above, set within squared recesses with decorative architraves. The upper area of the western and eastern windows was obscured by the first floor balcony. Metal modern radiators were set within the window recesses.

The south-west wall contained a central buttress/column flanked by recessed partition walls. A modern fire door was located in the south corner providing access to the lobby, Room 0/6.

The south-east wall contained three door openings providing access to Rooms 0/10, 0/12 and 0/14. The south-western doors were modern insertions whilst the north-eastern was an original classroom door with upper glazing (Plate 56).

The first floor balcony extended across the east, west and south walls and comprised a metal balustrade with recessed underside (see Plate 54).

The north-east wall mirrored the south-west wall with a modern fire door located in the east corner providing access to another lobby, Room 0/15.

The walls comprised half-timber panelling and the floor was parquet. The ceiling was vaulted with a line of three central circular vents (see Plate 27). The apex of the ceiling and mid-sections between the vents were edged by simple corncicing, whilst the spring comprised ogee corncicing with large dentils.

#### 5.2.14 Rooms 0/10–0/15

Rooms 0/10 to 0/15 represent the subdivided areas of original 'Classroom 5' (see Figure 14). The original walls contained half-timber panelling and it had been sub-divided to create two small storage areas to the north-west (Rooms 0/10 and 0/12), one large storage area to the south-west (Room 0/11), and a shower/toilet area to the south-west (Room 0/13). Both contained inner lobbies providing access to the exterior of the building. Rooms 0/10 and 0/12 were both accessed via modern inward-opening fire doors each surrounded by three two-over-two windows (Plate 57). An outward-opening door on the south-east wall of Room 0/10 provided access to Room 0/11 (Plate 59). Room 0/11 contained one window and one doorway set into an original window opening on the south-east wall. The door was accessed through a vestibule area built into the east corner of the room. Room 0/13 was accessed via an inward-opening door on the north-east wall via Room 0/14. It contained one doorway set into the original window opening on the south-east wall providing access to the exterior. The door was accessed via a vestibule area built into the room.

#### 5.2.15 Room 0/14

Room 0/14 was used as a store room although was originally 'Classroom 6' (see Figure 14). The walls contained half-timber panelling and it had the same layout as Room 0/7, with access via an inward-opening door on the north-west wall with window surrounds and a large window to the north. The south-west wall contained an outward-opening doorway providing access to Room 0/13 (toilets) with a projecting partition wall located to the west (Plate 60). Three original window openings with inset radiators were located on the south-east wall.

#### 5.2.16 Room 0/15

Room 0/15 was a lobby area providing access to Rooms 0/16, 0/20, 0/22 and the north switch room and was the mirror image of Room 0/6 (Plates 61 & 62). It was accessed from Room 0/6 via an inward-opening modern door on the south-west wall and provided access to Room 0/22 via an opening on its north-east wall. The south-east wall contained an outward-opening door surrounded by three two-over-two windows which provided access to another classroom, Room 0/16, with a large window opening to the north. An opening to the south in the north-west wall provided access to Room 0/20, and an inward-opening door to the north provided access to the switch room.

#### 5.2.17 Room 0/16

Room 0/16 was used as a classroom and was originally 'Classroom 7' (see Figure 14). The walls contained half-timber panelling and had the same layout as Room 0/7 with access via an inward-opening door in the north-west wall with window surrounds and a large window to the north. Three original window openings with inset radiators were located on the south-east wall. There was a possibly original wooden blackboard on the south-east wall and cupboards built into the north-west wall (Plate 63).

#### 5.2.18 Room 0/17

Room 0/17 was used as a classroom and was originally 'Classroom 8' (see Figure 14). The walls contained half-timber panelling and had the same original layout as Classroom 3 (Rooms 0/3–0/5) with access via an inward-opening door in the north-west wall with transom window (Plate 64). A single window opening was located in the north-west end of the north-east wall (Plate 65). Three original window openings with inset radiators were located on the south-east wall. There was a possible original wooden blackboard on the south-east.

#### 5.2.19 Room 0/18

Room 0/18 was used as a classroom and was originally 'Classroom 9' (see Figure 14). The walls contained half-timber panelling and had similar layout as Room 0/7 with access via an inward-opening door on the south-west wall with window surrounds and a large internal window to the north-west (Plate 66). There was a door opening in the north-west wall providing access to the adjacent nursery, Room 0/19 (Plate 67). Three original window openings with inset radiators were located on the north-east wall and there was an original wooden blackboard on the south-east wall.

#### 5.2.20 Room 0/19

Room 0/19 was used as a classroom and was originally 'Classroom 1' (see Figure 14). The walls contained half-timber panelling and had a similar original layout to Room 7 with access via an inward-opening door in the south-west wall with transom window (Plate 68). A single window opening was located in the centre of the north-west wall and three original window openings were located on the north-east wall; the lower portion of the central window had been replaced with double timber-framed glass doors providing access to an external play area (see Plate 68).

#### 5.2.21 Rooms 0/20 & 21

Rooms 0/20 & 21 represent the original boys' cloakroom which was used in recent years as the boys' toilets. No survey information was available for this area.

#### 5.2.22 Rooms 0/22 & 0/22a

Rooms 0/22 and 0/22a represented the north-west/south-east-aligned boys' corridor located to the north of the building and were mirror images of Rooms 0/1 and 0/1a (Plate 69). Providing access to Rooms 0/15, 0/17, 0/18, the north mezzanine and exterior of the building (in contrast to Room 0/1) the north-east wall of the corridor had maintained the original layout as depicted in the 1908 floor plans (Figure 14).

*Mezzanine Floor (Figures 15 & 16; Plates 70–78)*

## 5.2.23 South Mezzanine

The south mezzanine was accessed from Room 0/1 via linoleum-covered stairs with an intermediate landing located on the south-west wall (Plate 70). The flooring within the offices and stores were carpeted. The mezzanine contained a T-shaped corridor with stairs accessing the first floor located in the north-east corner. Room M1 was accessed via a modern outward-opening door on the south-west wall. Room M2 was accessed via a modern outward-opening door on the north-west wall. Rooms M3 and M4 were accessed via modern outward-opening doors on the north-east wall.

Room M1 was used as an office/classroom and represents the location of the original female teachers' room (Figure 16; Plate 71). It contained a double-hung 12-paned casement window on the north-west wall and was accessed via a door located in the north-east corner. The south-west wall was stepped where the original fireplace would have been located. The fireplace was blocked by plasterboard and replaced by a metal radiator.

Room M2 was in use as toilet facilities. No further survey information was available for this area.

Room M3 was used as a parent's room/office and represents an original female teacher's room (Figure 16). It was accessed via an inward-opening door on the south-east wall (Plate 72). The north-east wall of Room M2 was stepped into the south-west corner and the south-west wall contained one and a half two-over-three casement window openings, the southern of which was shared with Room M2 (Plate 73). The south-east wall contained a single window opening and the south-east wall contained an inward-opening solid timber door providing access to Room M4.

Room M4 was used as a store and was originally used as two separate storerooms. It was accessed via an inward-opening door on the south-east wall (Plate 74). The door opening on the south-west wall visible in Room 0/3 was obscured during the 2023 survey.

## 5.2.24 North Mezzanine

5.2.25 The north mezzanine was accessed from Room 0/22 via linoleum covered stairs with an intermediate landing located on the north-east wall (Plate 75). The floors of the offices and storerooms were carpeted. The mezzanine contained a T-shaped corridor with stairs accessing the first floor located in the south-east corner. Rooms M5, M6 and a store were accessed via modern doors on the south-west wall. Room M7 and M8 were accessed via modern doors on the north-west wall.

5.2.26 Room M5 was used as a storeroom and originally used as two separate storerooms. It was accessed via an inward-opening door. No further survey information was available for this area.

5.2.27 Room M6 was used as an office and represents the location of the original male teachers' room (Figure 16; Plate 76). The south-west wall of Room M7 stepped into the north-west corner. The south-west and north-west walls both contained a single two-over three casement window bays. Two enclosed toilet cubicles were located on north-east wall.

5.2.28 Room M7 was in use as toilet facilities and accessed via an outward-opening door. No further survey information was available for this area.

5.2.29 Room M8 was used as a resource room and represents an original headmasters' room (Figure 16). It contained a double-hung 12-paned casement window on the north-west wall and was accessed via an inward-opening door located in the north-east corner (Plate 77). The north-east wall was stepped where the original fireplace was located (Plate 78). This fireplace comprised a cast-iron firebox with hood with maroon tiled surrounds and a decorative timber mantel.

*First Floor (Figure 17 & 18; Plates 79–99)*

5.2.30 The first floor was near identical in layout to the ground floor, with central corridors, Rooms 1/1, 1/5 and 1/17, 10 classrooms to the rear (south-east) and cloakrooms flanking the balcony overlooking the entrance hall, Room 0/9. The central corridor had been partitioned into three areas; Room 1/5 was the main north-east/south-west-aligned corridor containing the access stairs from the mezzanine areas and provided access to the majority of the first floor rooms (Plate 79). Rooms 1/1 and 1/17 were smaller north-west/south-east-aligned corridors providing access to the southern and northernmost classrooms respectively (Plate 80).

5.2.31 Room 1/1

Room 1/1 was located at the south-western extent of the building and provides access to Rooms 1/2, 1/3, 1/4 and corridor 1/5. There was a single window in the north-west wall and two openings in the north-east wall providing access to corridor 1/5 to the east and west of the access stairs. An outward-opening door with transom windows on the south-east wall provided access to Room 1/4 and two outward-opening doors with window surrounds on the south-west wall provided access to Rooms 1/2 and 1/3.

5.2.32 Room 1/2

Room 1/2 was used as the music room and was originally 'Classroom 11' (Figure 18). The walls contained half-timber panelling and the room was accessed via an inward-opening door on the north-east wall surrounded by three two-over-two paned windows (Plate 81). A single window opening was located in the centre of the north-west wall. Three original window openings were located on the north-east wall with metal radiators set into the west and central recesses and inbuilt cupboards in the east recess (Plate 82). The south-east wall comprised the original folding dividing wall (Plate 83). The wall was predominantly obscured by fixtures, although the upper section was visible revealing six and a half two-over-two fixed windows.

5.2.33 Room 1/3

Room 1/2 was used as a library and was originally 'Classroom 12' (Figure 18). The walls contained half-timber panelling and accessed via an inward-opening door in the north-east wall surrounded by three two-over-two windows, a buttress to the east separated the opening from another large window containing four two-over-two windows (Plate 84). The windows were set into an arched recess. Three original window openings were located on the south-west wall with metal radiators set into the recesses. The north-west wall comprised the original folding dividing wall shared with Room 1/2. It was possible to see the lower area of the dividing wall which comprised half-timber panelling with four-over-two windows above (Plate 85).

5.2.34 Room 1/4

Room 1/4 was used as a classroom and was originally 'Classroom 13' (Figure 18). The walls contained half-timber panelling and the room was accessed via an inward-opening door in the north-west wall with two-paned transom window (Plate 86). A single window opening was located in the west corner of the south-west wall. Three original window openings with inset radiators were located on the south-east wall. The north-east wall comprised the original folding dividing wall shared with Room 1/6 (Plate 87).

#### 5.2.35 Room 1/5

Room 1/5 was the main corridor containing the north and south staircases providing access to the mezzanine floors (see Plates 57 & 79). The south-east wall provided access to Rooms 1/6 to 1/9, and the north-west wall provided access to Rooms 1/20 to 1/22 to the south and Rooms 1/14 to 1/16 in the north side (Plate 88).

The centre area of the corridor comprised the balcony area overlooking the entrance hall, Room 0/9, with metal railings and a timber handrail and plasterboards located along the north, east and south edge of the balcony (Plate 89).

#### 5.2.36 Room 1/6

Room 1/6 was used as a classroom and was originally 'Classroom 14' (Figure 18). The layout was replicated from Room 0/7 on the ground floor. The room was accessed via an inward-opening door in the north-west wall surrounded by three two-over-two windows; a buttress to the east separated the opening from a large window opening containing four two-over-two windows set within an arched recess (Plate 90). Three original window openings with inset radiators were located on the south-east wall. The south-west wall comprised the original folding dividing wall shared with Room 1/6 (see Plate 87).

#### 5.2.37 Room 1/7

Room 1/7 was used as a classroom and was originally 'Classroom 15' (Figure 18). The layout is replicated from Room 1/6 and accessed via an inward-opening door on the north-west wall surrounded by three two-over-two windows, a column to the east separated the opening from a large window opening containing four two-over-two windows set within an arched recess (Plates 91 & 92). Three original window openings with inset radiators were located on the south-east wall.

#### 5.2.38 Room 1/8

Room 1/8 was used as a store and small library and was originally 'Classroom 16' (Figure 18). The layout is replicated from Room 1/6 and accessed via an inward-opening door on the north-west wall surrounded by three two-over-two windows, a buttress to the east separated the opening from a large window opening containing four two-over-two windows set within an arched recess (Plate 93). The room was sub-divided by a north-west/south-east-aligned modern partial height partition wall protruding from the south-east corner. Three original window openings with inset radiators were located on the south-east wall with part of the ventilation system visible in the north corner (Plate 94).

#### 5.2.39 Room 1/9

Room 1/9 was used as a classroom and was originally 'Classroom 17' (Figure 18). The layout is replicated from Room 1/6 and accessed via an inward-opening door on the north-west wall surrounded by three two-over-two windows, a buttress to the east separated the opening from a large window opening containing four two-over-two windows set within an arched recess (Plate 95). Three original window openings with inset radiators were located on the south-east wall (Plate 96).

#### 5.2.40 Room 1/10

Room 1/10 was used as a classroom and was originally 'Classroom 18' (Figure 18). The layout is a mirror image of Room 1/4 and was accessed via an inward-opening door on the north-west wall with a two-paned transom window (Plate 97). A single window opening was located in the west corner in the north-east wall. Three original window openings with inset radiators were located on the north-west wall. An original blackboard was located on the south-west wall.

#### 5.2.41 Room 1/11

Room 1/11 was used as a classroom and was originally 'Classroom 19' (Figure 18). The layout is a mirror image of Room 1/3 and was accessed via an inward-opening door on the south-west wall flanked by two one-over-two and one two-over-two windows (Plate 98). Three original window openings with inset radiators were located on the north-east wall. An original blackboard was located on the south-east wall.

#### 5.2.42 Room 1/12

Room 1/12 was used as a classroom and was originally 'Classroom 20' (Figure 18). The layout is a mirror image of Room 1/2 and was accessed via an inward-opening door in the south-west wall with a two-paned transom window (Plate 99). A single window opening was located in the centre of the north-west wall. Three original window openings with inset radiators were located in the north-east wall. A possible original blackboard was located on the south-east wall.

#### 5.2.43 Room 1/17

Room 1/17 was located at the northern side of the building and provided access to corridor 1/5 and Rooms 1/10 to 1/13. Two openings on the south-west wall provided access to corridor 1/5 to the east and west of the access stairs. An outward-opening door with transom windows on the south-east wall provided access to Room 1/10 and two outward-opening doors with window surrounds on the north-east wall provided access to Rooms 1/11 and 1/12. An inward-opening door on the north-west wall provided access to a cleaning cupboard (Room 1/13).

#### 5.2.44 Rooms 1/13–1/16 & 1/18

Rooms 1/13–1/16 & 1/18 were located within the northern section of the building. No survey information was available for this area. However, Room 1/13 is depicted on the existing plans as a small cleaner's cupboard accessed via an inward-opening door on the south-east wall and containing a single window opening in the north-west wall.

Room 1/14 is depicted on the existing plans as an office area accessed via an inward-opening door on the south-east wall. The north-west wall contained one and a half window openings,

with the southern window being shared with Room 1/15. Room 1/15 is depicted on the existing plans as toilets accessed via an inward-opening door on the south-east wall. The north-west wall contained one and a half window openings, with the northern window being shared with Room 1/14. Both originally formed on space, the first floor boys' cloakroom.

Room 1/16 is depicted on the existing plans as a small cleaner's cupboard accessed via an inward-opening door on the south-east wall and containing a single window opening in the north-west wall. The south-west wall abuts the balcony balustrade.

Room 1/18 is depicted on the existing plans as a small storeroom and was accessed from corridor 1/5 via an inward-opening door on the south-west wall.

#### 5.2.45 Rooms 1/19 to 1/22

Rooms 1/19–1/22 were located within the southern extent of the building. No survey information was available for this area. Room 1/19 is depicted on the existing plans as a small storeroom and was accessed from corridor 1/5 via an inward-opening door on the south-west wall.

Room 1/20 is depicted on the existing plans as a small cleaner's cupboard accessed via an inward-opening door on the south-east wall and contained a single window opening in the north-west wall. The north-east wall abutted the balcony balustrade.

Room 1/21 is depicted on the existing plans as toilets accessed via an inward-opening door on the south-east wall. The north-west wall contained one and a half window openings, with the southern window being shared with Room 1/22. Room 1/22 is depicted on the existing plans as the first aid office accessed via an opening on the south-east wall. The north-west wall contained one and a half window openings, with the northern window being shared with Room 1/121. Both rooms originally one space, the first floor girls' cloakroom (Figure 18). An open cloakroom area is depicted to the south-east of Room 1/22.

#### *Roof Space (Figures 19 & 20; Plates 12 & 23)*

5.2.46 No survey data was obtained for the roof interior. However, it is possible to see from the existing external roof plans that eight rooflights were located across the area providing light to the interior. The roof space was known to contain the exhaust system for the building ventilation system and as such access would likely be required for regular maintenance.

## 6 Discussion

### 6.1 Phasing

#### *Introduction*

6.1.1 The school was a fine example of an early 20th century educational building with a clear symmetrical layout and large windows allowing for a well-ventilated and well-lit environment. The exterior of the building remained largely unchanged since the original construction in 1908, with the insertion of doors into existing window openings on the north-east and south-west elevations representing the only notable change. There was limited evidence of internal

alterations within the building with the sub-division and combining of classroom spaces with the change of usage to create smaller office spaces/stoor rooms and a large dining room on the ground floor.

- 6.1.2 Derek Hall's 2023 report, together with the demolition records, archive research and historical mapping, have identified that there are three main phases of development on the site. Figure 21 has outlined a phased ground floor plan, and a précis of the phases can be broken down below.

#### *Phase 1 (1908)*

- 6.1.3 The external and internal layout of the building remained relatively unchanged since its construction in 1908. Brief glimpses of the original fixtures and fittings were noted throughout the building with the location of possibly original blackboards, storage cupboards, folding dividing walls and timber panelling. The majority of the windows and doors appeared to be original with occasional replacement windows and fire doors seen within the interior of the building.
- 6.1.4 Only one original fireplace was identified during the survey in Room M8 in the north mezzanine floor. The original architects' plans show that the fireplaces would originally have been located within the staff rooms on the mezzanine floors, on the south-west walls of Rooms M1 and M6 and the north-east walls of Rooms M3 and M8 (Figure 16). The large chimney stack located in the north-east external wall was likely connected to the basement room which was not accessed during the previous surveys or demolition process. The basement likely housed the original boiler/heating system for the building.
- 6.1.5 Evidence for the original Tobin tube ventilation system was visible across the building with brass control levers located in Rooms 0/7, and 1/5, vent pipes in Room 0/2 and 1/8, ceiling vents in Room 0/9, various metal vents on the exterior of the building, and the cupolas containing ventilators on the roof.

#### *Phase 2 (1943–2011)*

- 6.1.6 The school was subject to upgrading during the 1940s as evident with the construction of the external prefabricated dining hall and classroom. Plans for recasting the electrical insulation in 1955 showed that the internal layout was unchanged from the original architects' designs, as such it is likely that changes to the interior layout are likely to have occurred in the mid to late 20th century.
- 6.1.7 Alterations included the removal of the shared wall between original Classrooms 1 & 2 to create a large dining room with serving area (Room 0/2). A recessed wall containing two door openings was built to replace the original door opening to Classroom 2, providing a designated entry/exit system for Room 0/2.
- 6.1.8 The addition of partition walls in original Classrooms 3, 5 and 16, and cloakrooms on the ground and first floors created additional office space, storage areas and welfare facilities allowing the building to adjust to the changing requirements for pupils and staff alike.
- 6.1.9 It is not possible to identify the date for the insertion of a double door into a window opening on the north-east wall of Room 0/19. The door provided access to a contained play area and is

likely to have been installed in the late 20th century. The alterations seen represent a glimpse into the modernisation/changes of education system in Scotland in the mid to late 20th century.

### *Phase 3 (post-2011)*

- 6.1.10 The school was subject to alterations to the property in 2011 with the insertion of two doors into existing window openings in the south-east elevation. The doors provided access to the rear playground via a set of steps to the south and ramp to the north. Along with the insertion of the doors, the internal partitions of Rooms 0/11 and 0/13 were altered to provide vestibule areas for each door. The insertion of a door opening in the north-east wall of Room 0/14 provided access to Room 0/13, likely following the removal of a former door between Rooms 0/11 and 0/13 during the construction of the vestibules.

## **6.2 Architecture & Design**

- 6.2.1 The architect, George Penrose Kennedy Young (1858–1933), was previously articled to his father, Perth architect John Young in 1875 and attended University College London and the Slade School (HES 2025). He was one of the first Scottish architects to pass the examination to become an associate member of the Royal Institute of British Architects and indeed served as President of the Royal Incorporation of Architects of Scotland. His design for the General Accident buildings on the corner of High Street and Tay Street in Perth was described as one of the most elaborate, artistic and, architecturally, one of the finest buildings in the city (Fothergill 2013). In addition to Balhousie School (Northern District School), the four additional schools within Perthshire he designed included Craigie Public School (1897), Southern District School (1899), Central District School (1901) and Methven Parish School (1910).
- 6.2.2 Externally, the school was constructed in high quality red sandstone, in a Renaissance style with Baroque detailing.
- 6.2.3 In terms of internal layout, Balhousie School follows the board-school model, which was well-established by this time: a multi-level building with a large central hall with twin staircases (reflecting the division of the sexes at the time) adjoining a central spine corridor flanked by large classrooms.
- 6.2.4 The internal fixtures and fittings would have been sparse, and only one of the original fireplaces remained, presumably blocked and plastered or rendered over in subsequent refits following the move to central heating. The original stair banister rails and timber newel posts, wall tiling in the corridors, timber panelling in the classrooms and parquet flooring in the hall remained.
- 6.2.5 The corridor, being windowless, also needed more light, and this was accounted for by providing large, glazed lights over the doorways to the classrooms as well as large internal windows. The majority of the original classroom and external doors remained with a few replacement conformant modern fire doors seen within the communal areas.

## **7 Conclusions and Recommendations**

- 7.1 Balhousie Primary School was built in 1908 as a result of the 1872 Education (Scotland) Act, which made education free and compulsory for children between the ages of 5 and 13. It was

designed by prominent Perth architect George Penrose Kennedy Young, constructed from high quality red sandstone in a Renaissance-style with Baroque-style detailing, drawing comparisons with the works of Christopher Wren.

- 7.2 The exterior of the building remained largely unchanged with the exception of the insertion of doors within the original window openings in the south-east and north-west elevations to provide access to the exterior of the building.
- 7.3 The interior layout maintained the original classroom wall partitions with minimal change. Changes to room interiors predominantly involved the subdivision of spaces to create additional storage, welfare and administrative areas in the latter half of the 20th century. Adapting for the increased administrative and legal requirements in the education system and increasing pupil numbers. The only significant structural change was located in the southern wing of the building where two classrooms were merged to create a large dining room, likely due to the removal of the external prefabricated dining room built in the 1940s.
- 7.3.1 No further retrospective historic building recording survey is recommended prior to development, although this will need to be confirmed in writing by the Perth and Kinross Heritage Trust on behalf of the Perth & Kinross Council.

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## Figures

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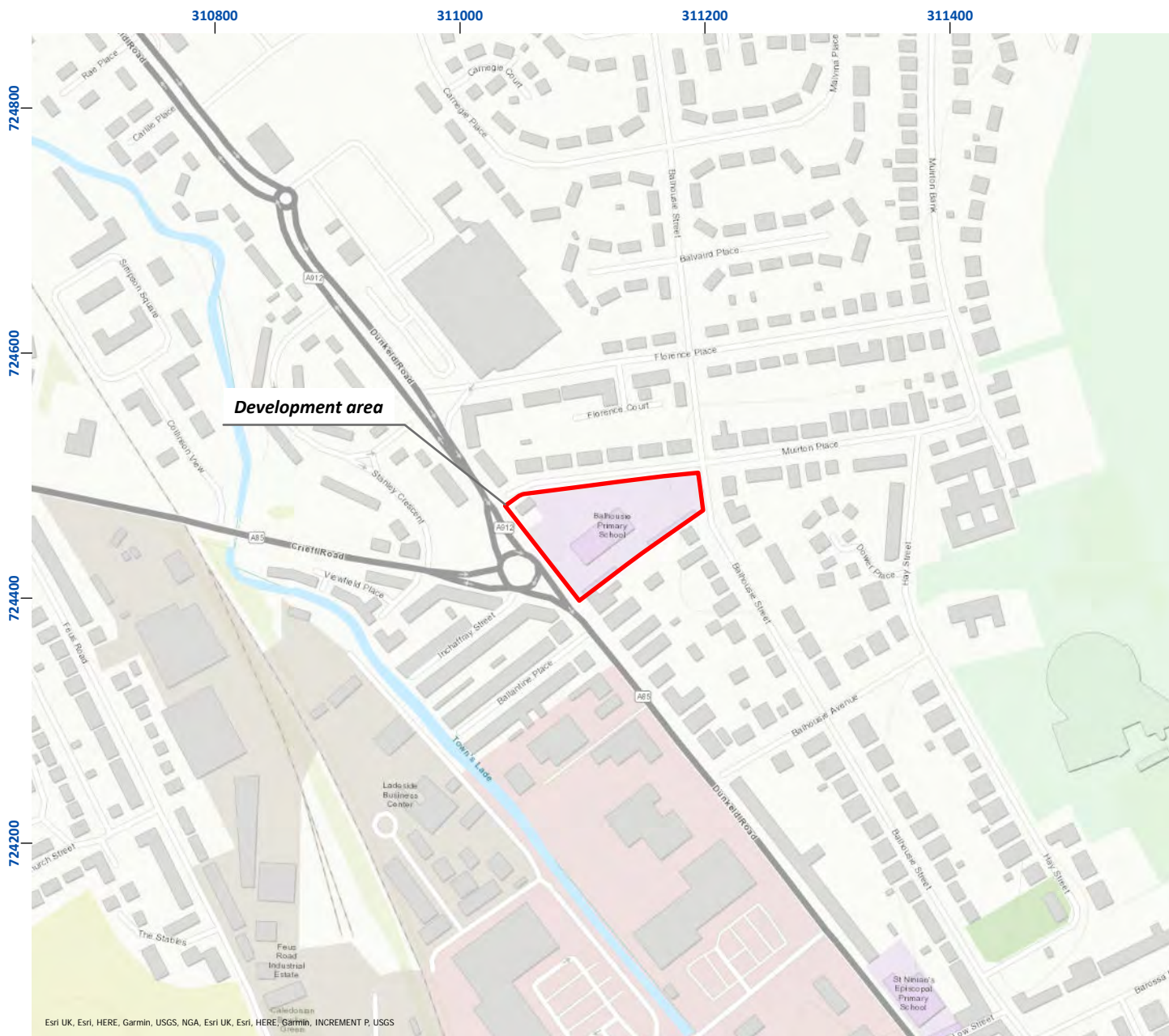
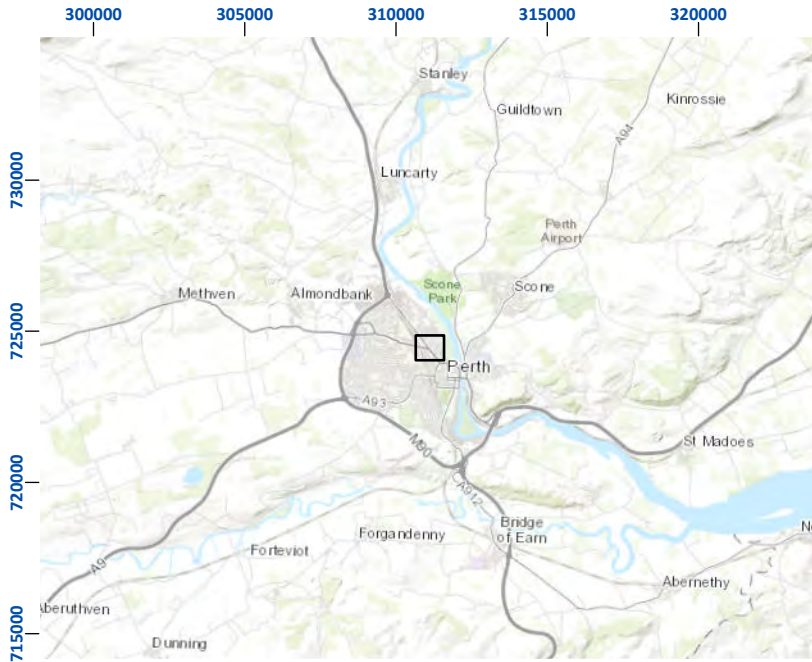
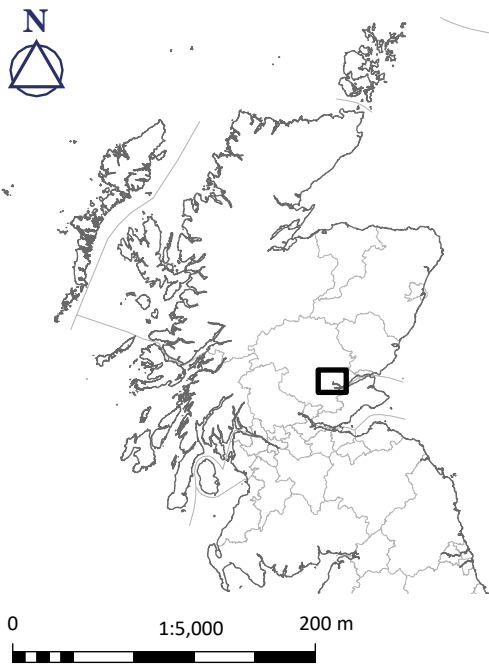


Figure 1: Site location plan

01/28742/HBR/01/01



Figure 2: Detailed Site Location Plan

01/28742/HBR/02/01



Figure 3: Extract from Roy's map, ca. 1747-1752  
(reproduced by kind permission of the National Map Library of Scotland)

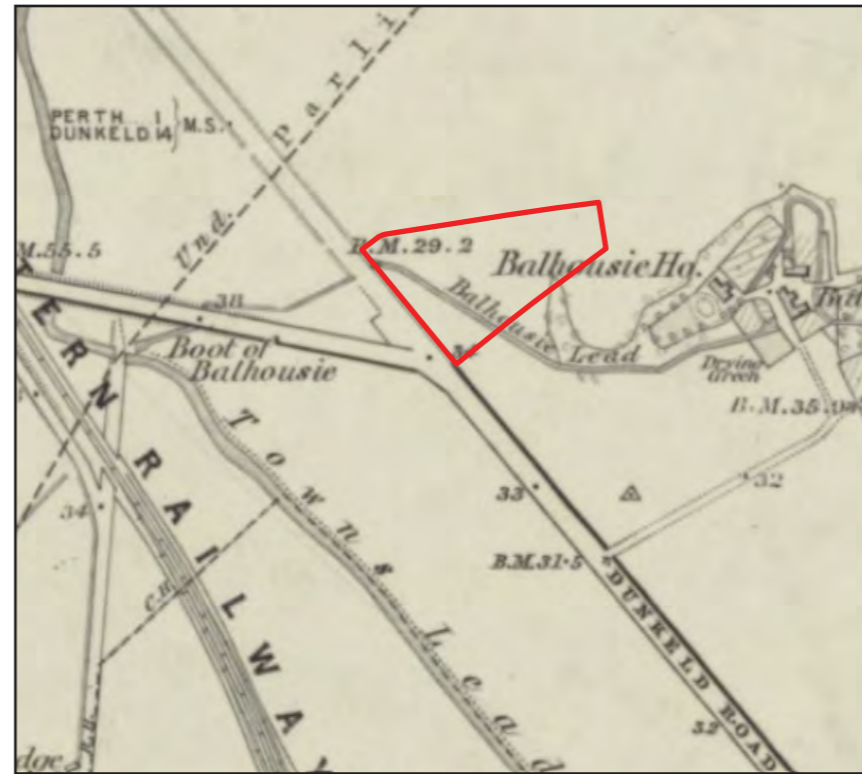


Figure 4: Extract from Ordnance Survey map, 1866  
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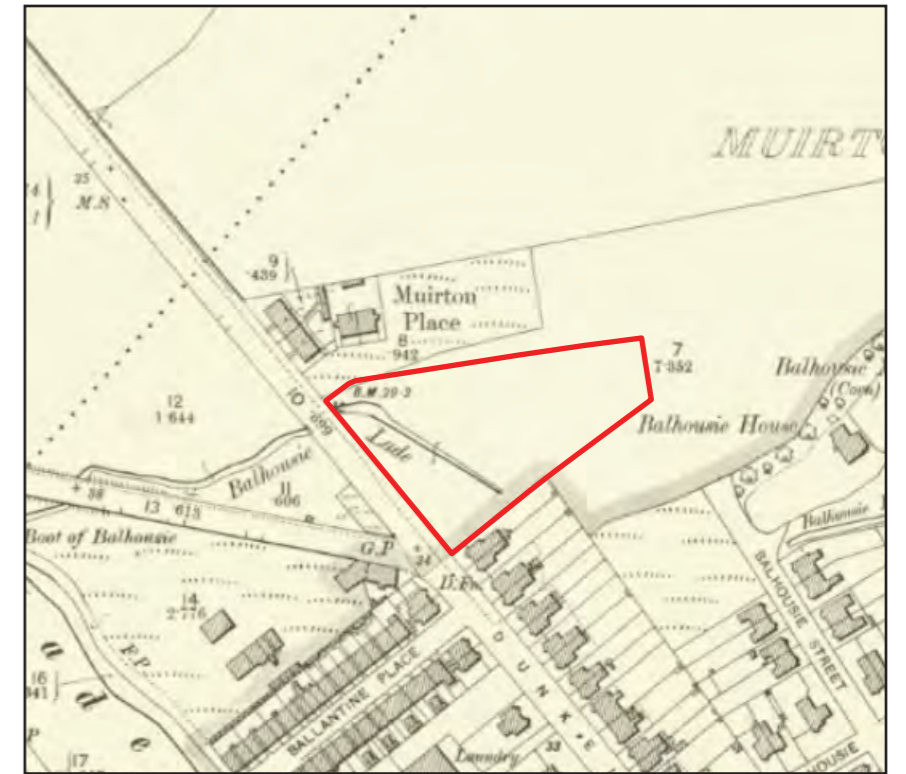


Figure 5: Extract from Ordnance Survey map, 1901  
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Figure 6: Extract from Leslie's, 1907  
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Figure 7: Extract from Ordnance Survey map, 1932  
(reproduced by kind permission of the National Map Library of Scotland)



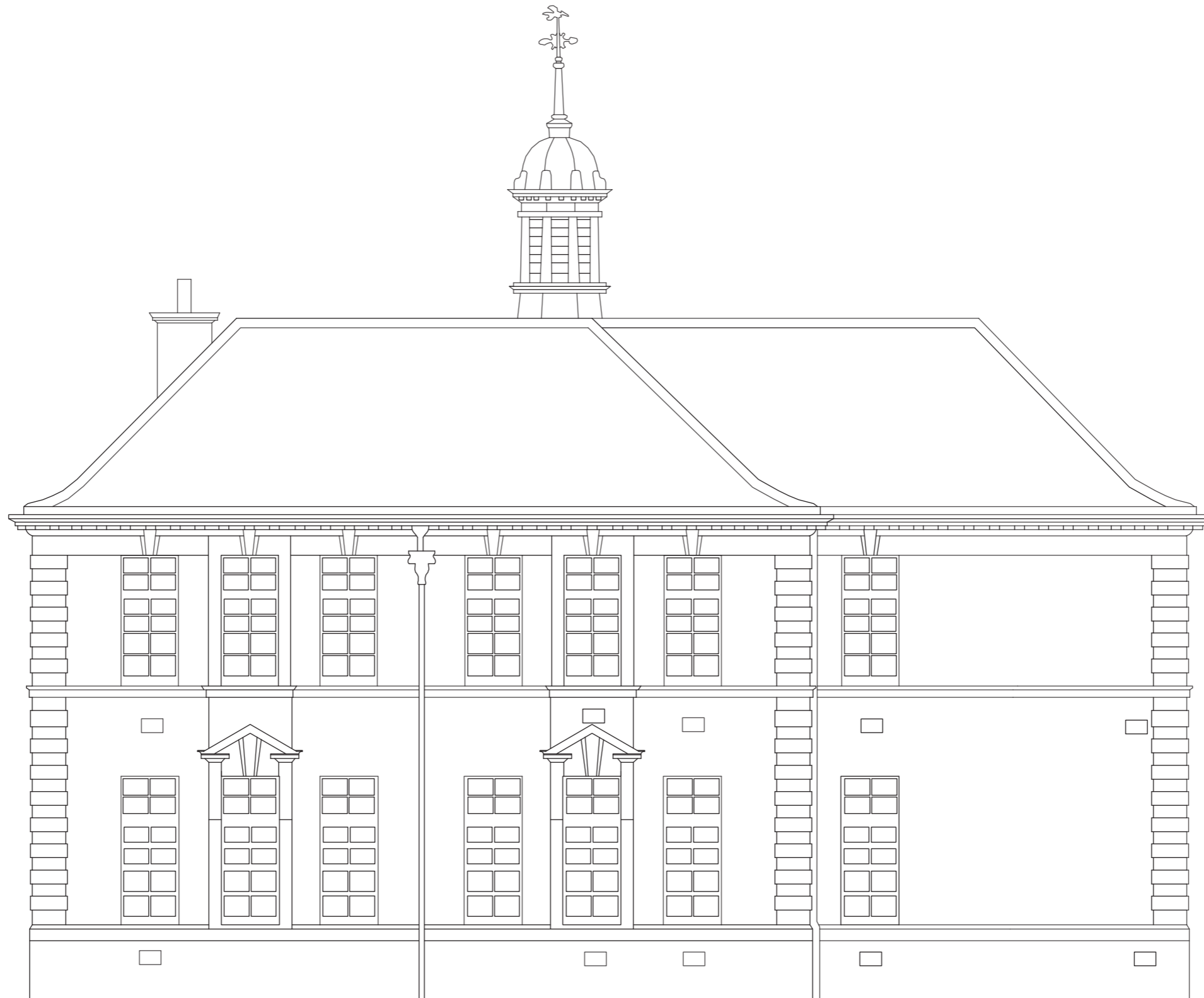
Figure 8: Extract from Ordnance Survey map, 1963  
(reproduced by kind permission of the National Map Library of Scotland)



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Base drawings provided by client

Figure 9: Balhousie Primary School, North-West Elevation



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Base drawings provided by client

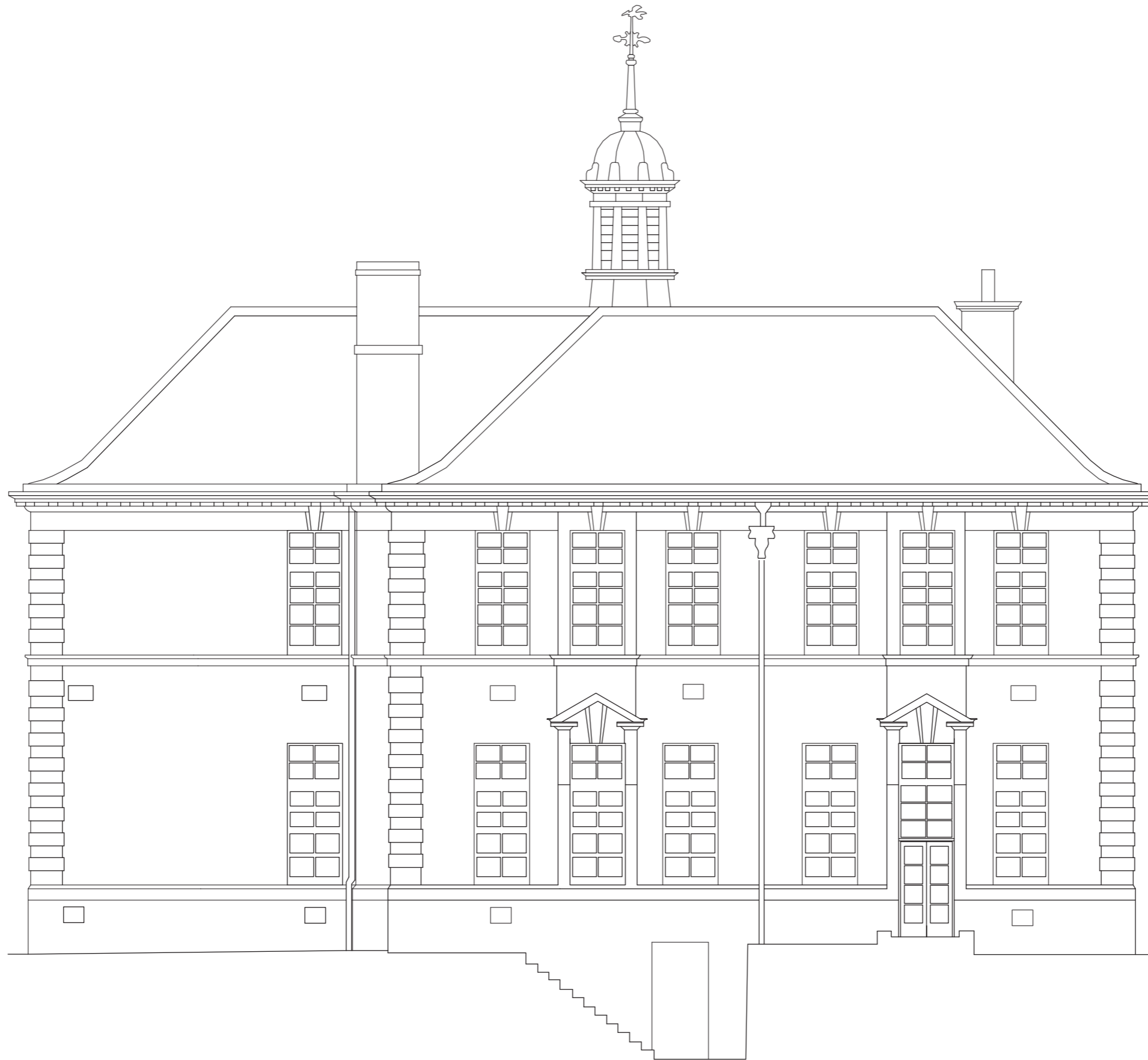
Figure 10: Balhousie Primary School, South-West Elevation



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Base drawings provided by client

Figure 11: Balhousie Primary School, South-East Elevation



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Base drawings provided by client


Figure 12: Balhousie Primary School, North-East Elevation

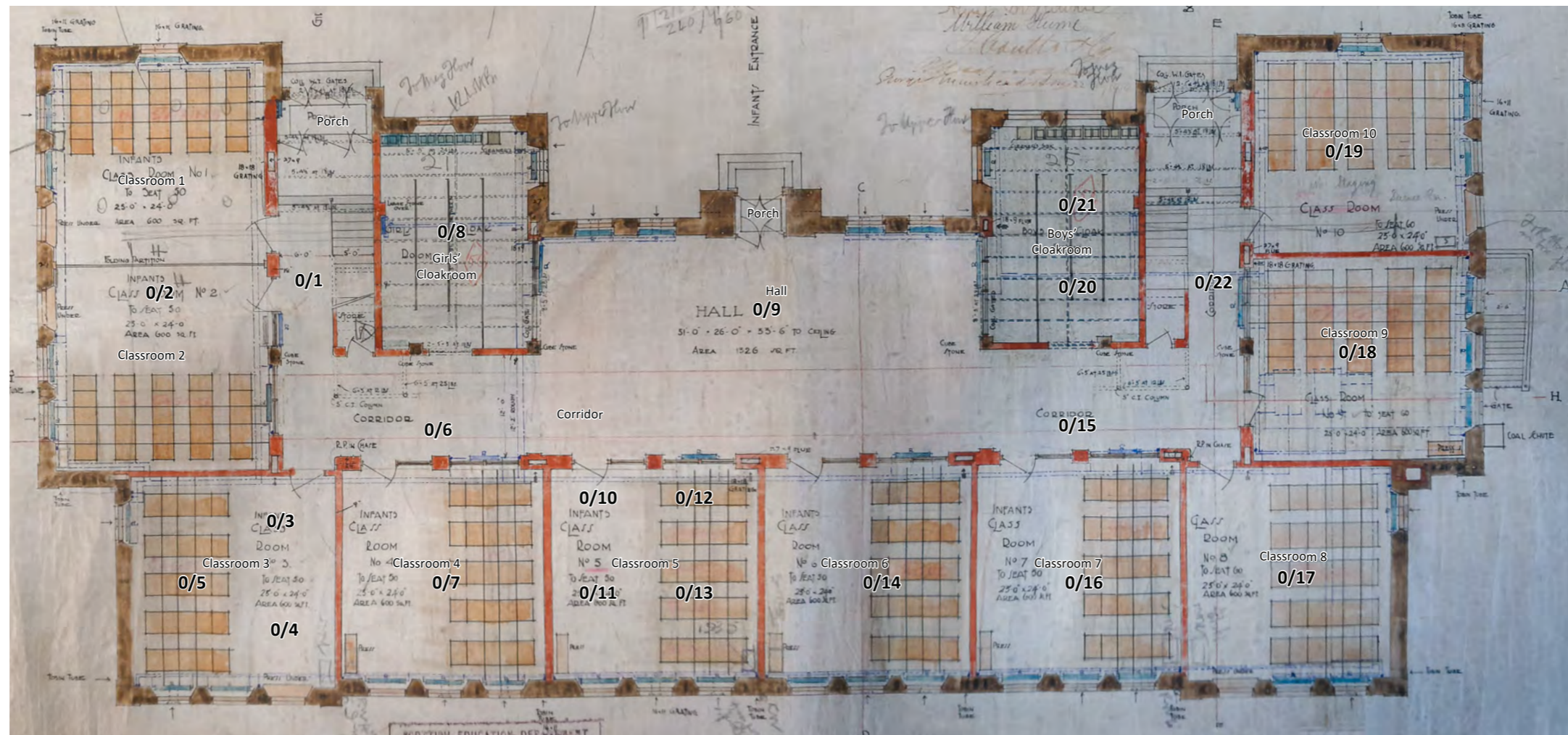


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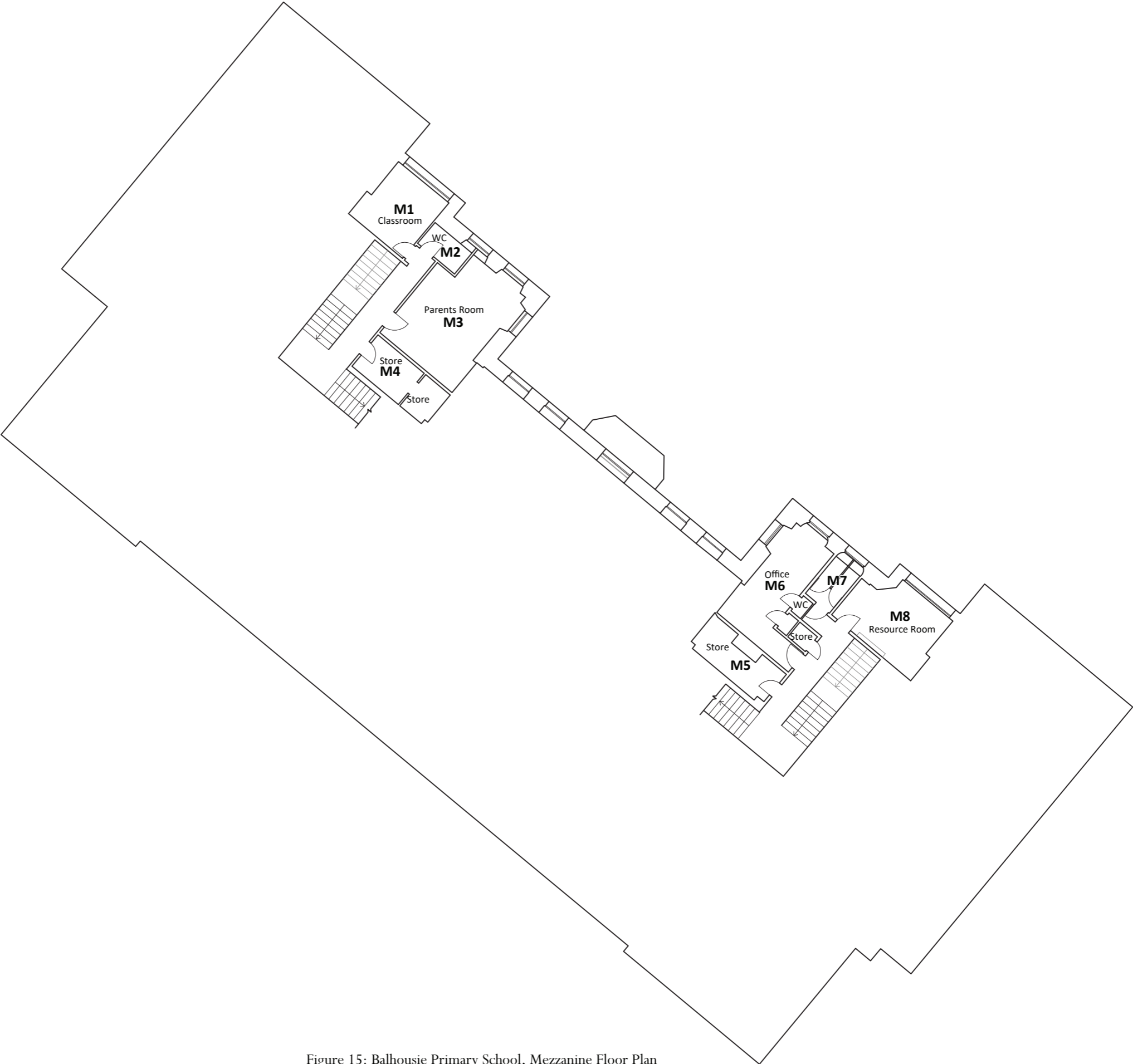
Figure 13: Balhousie Primary School, Ground Floor Plan

<b>Key</b>
 Ceiling detail



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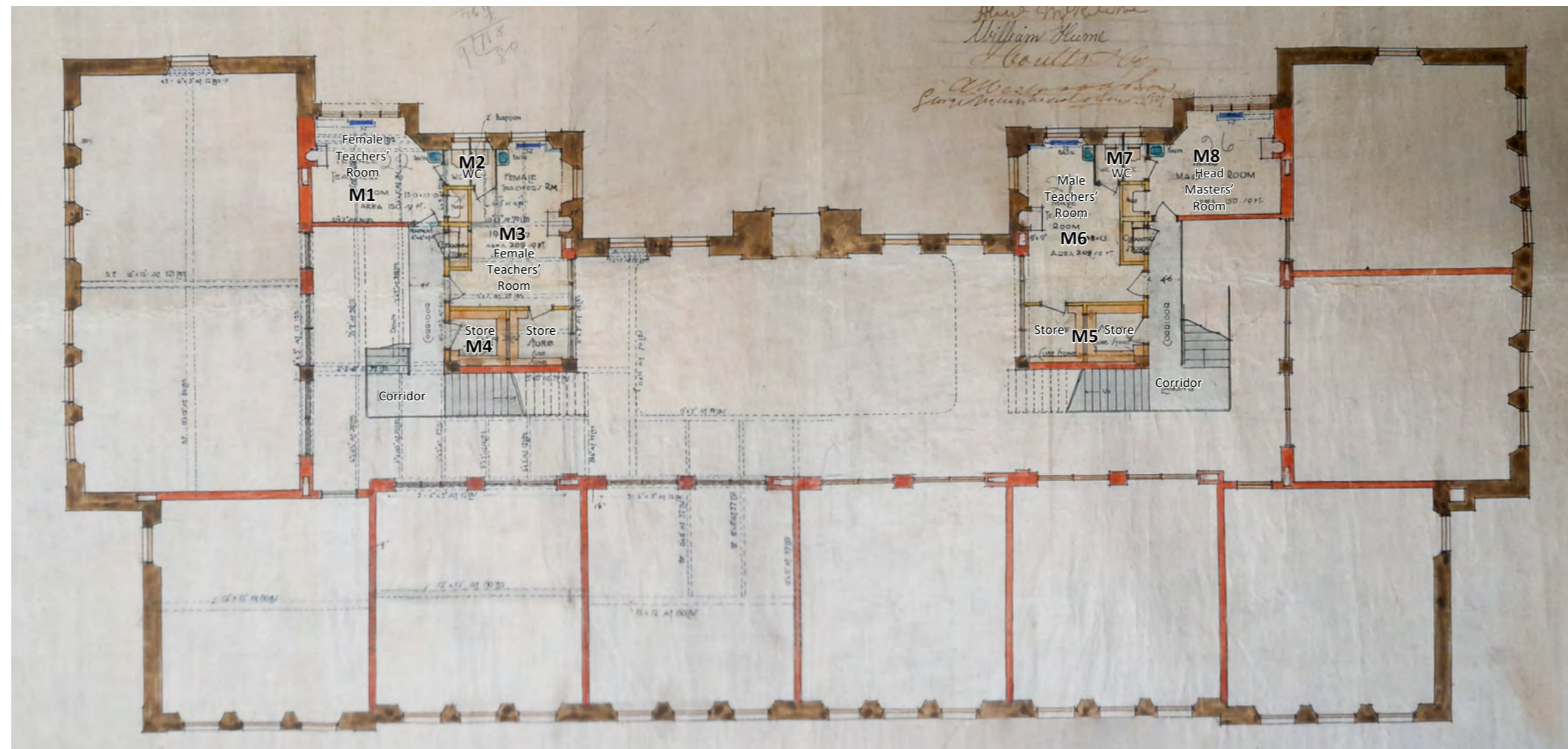
Figure 14: Original Architects' Drawings of Balhousie Primary School, Ground Floor Plan (reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14c)



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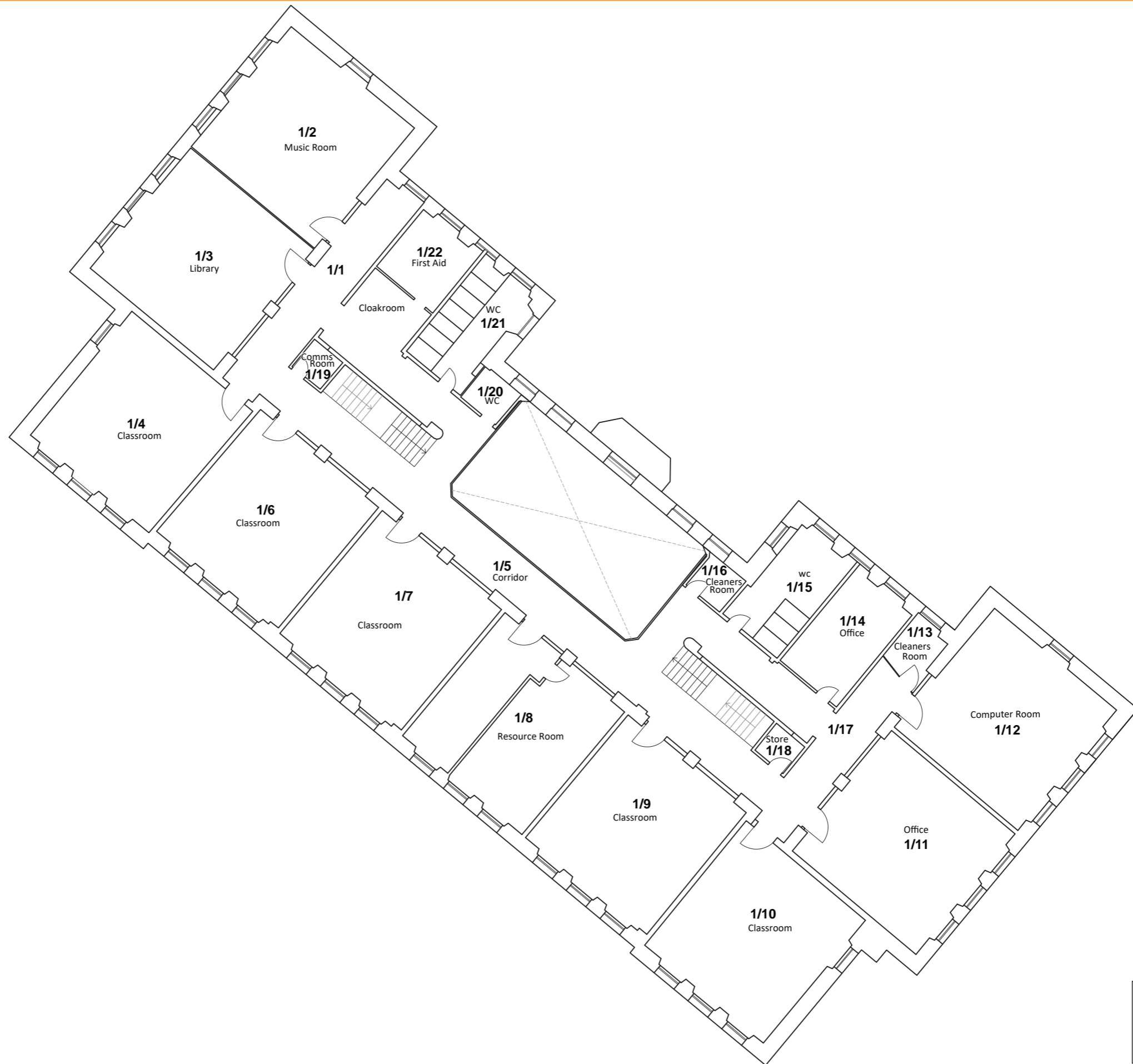
Base drawings provided by client

Figure 15: Balhousie Primary School, Mezzanine Floor Plan



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Figure 16: Original Architects' Drawings of Balhousie Primary School, Mezzanine Floor Plan (reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14d)

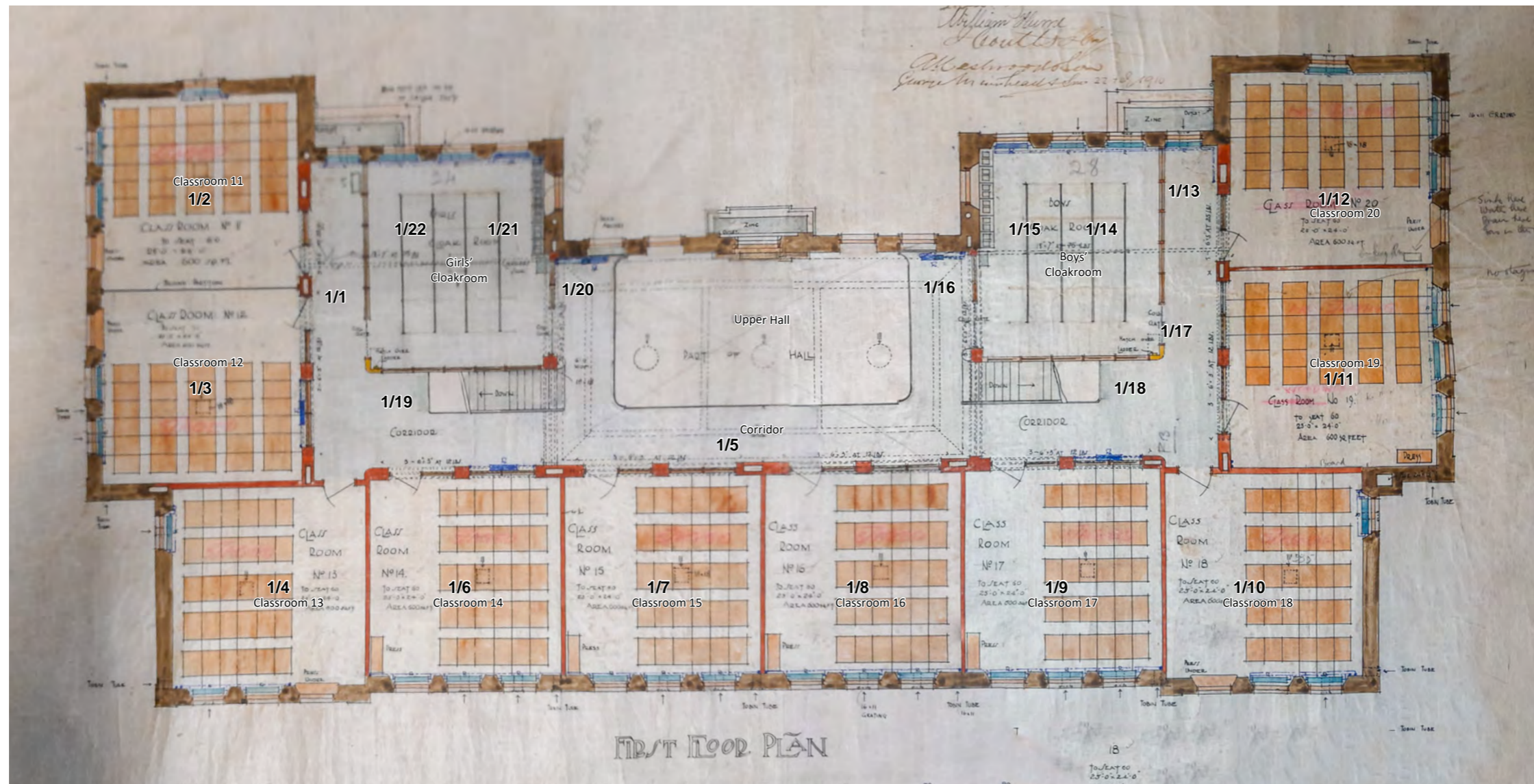


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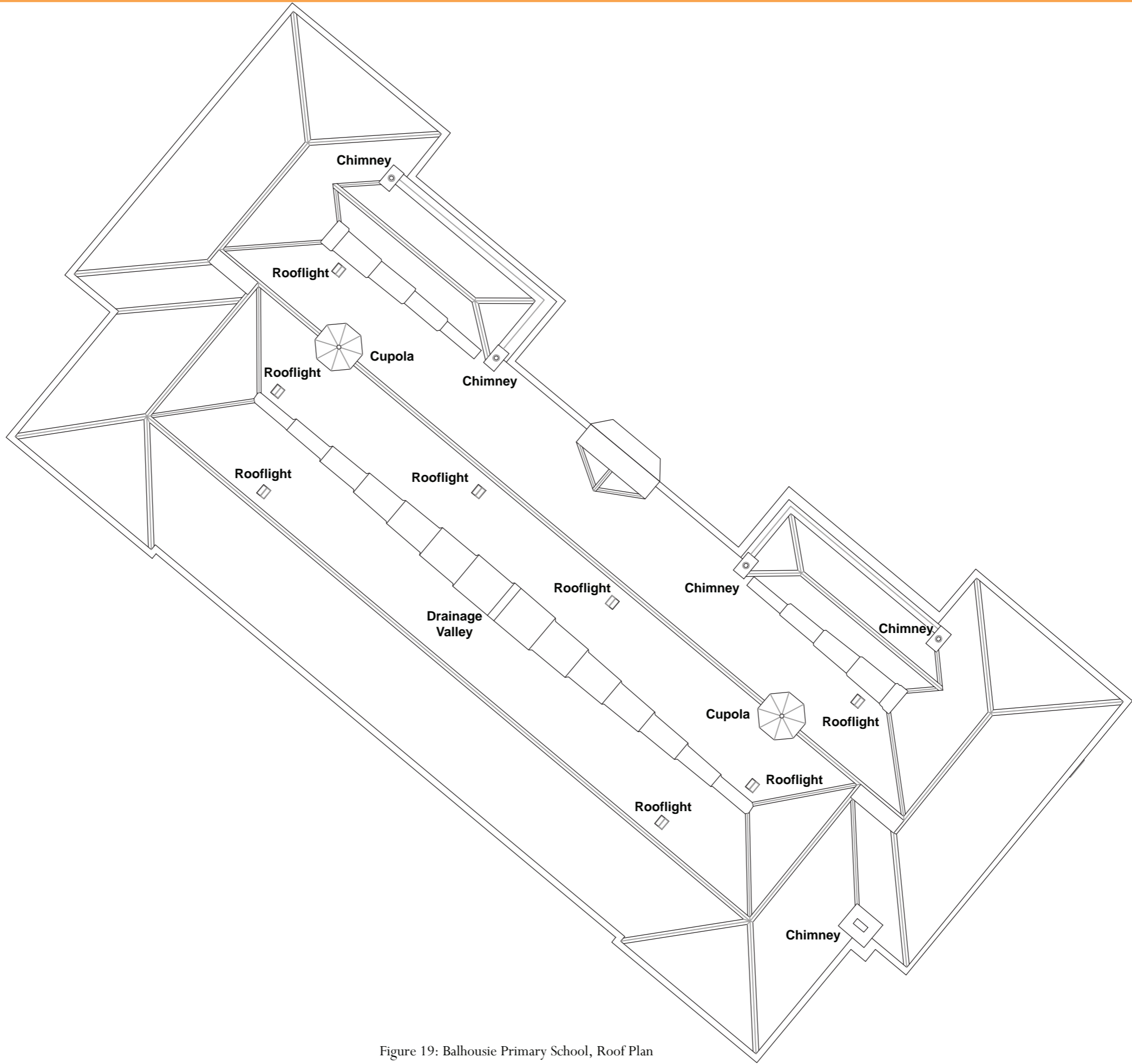
<b>Key</b>
 Ceiling detail

Figure 17: Balhousie Primary School, First Floor Plan



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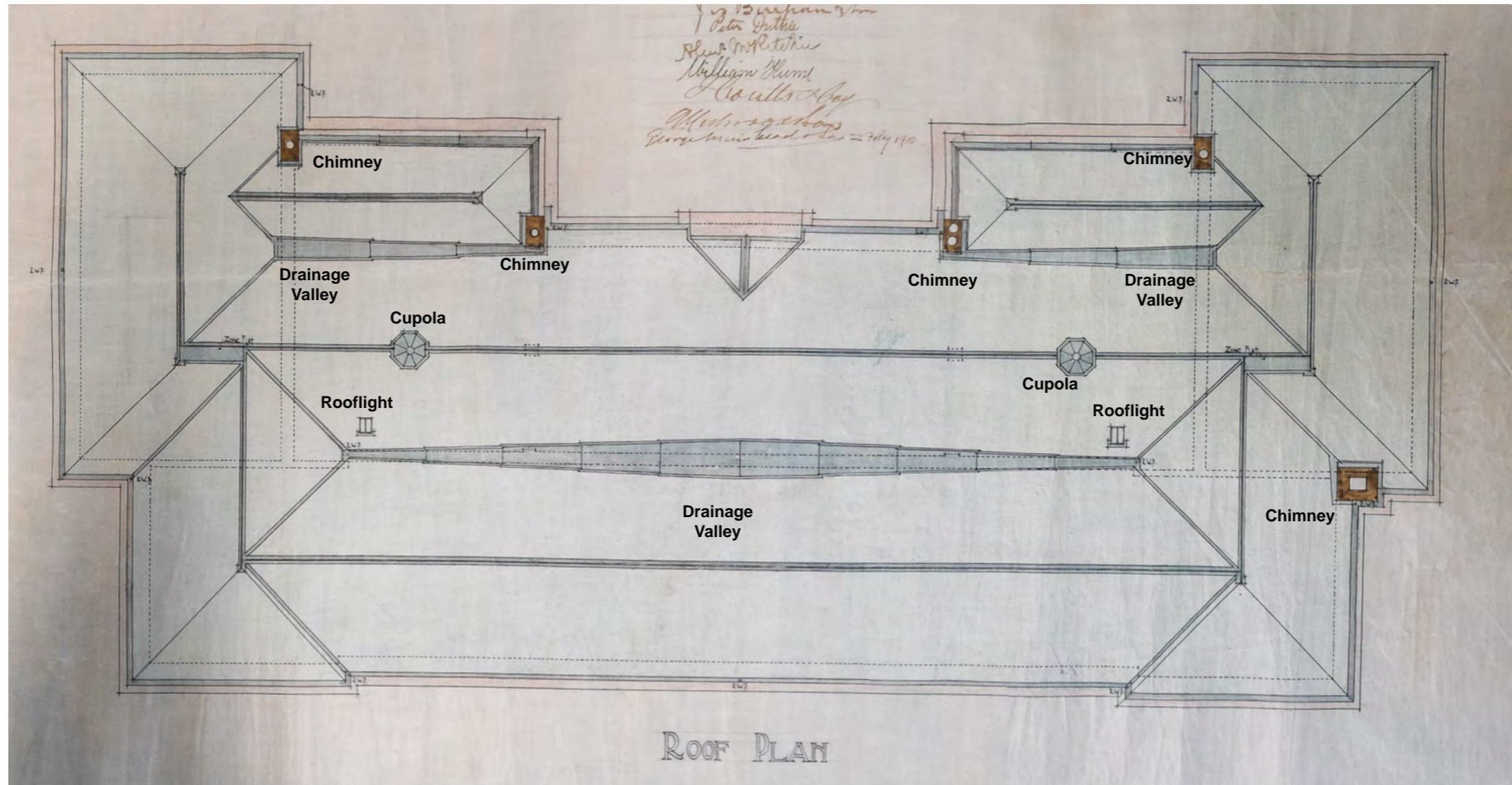
Figure 18: Original Architects' Drawings of Balhousie Primary School, First Floor Plan (reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14e)



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Base drawings provided by client

Figure 19: Balhousie Primary School, Roof Plan



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Figure 20: Original Architects' Drawings of Balhousie Primary School, Roof Plan  
(reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14f)



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Base drawings provided by client

Figure 21: Balhousie Primary School, Phased Floor Plan

## Plates

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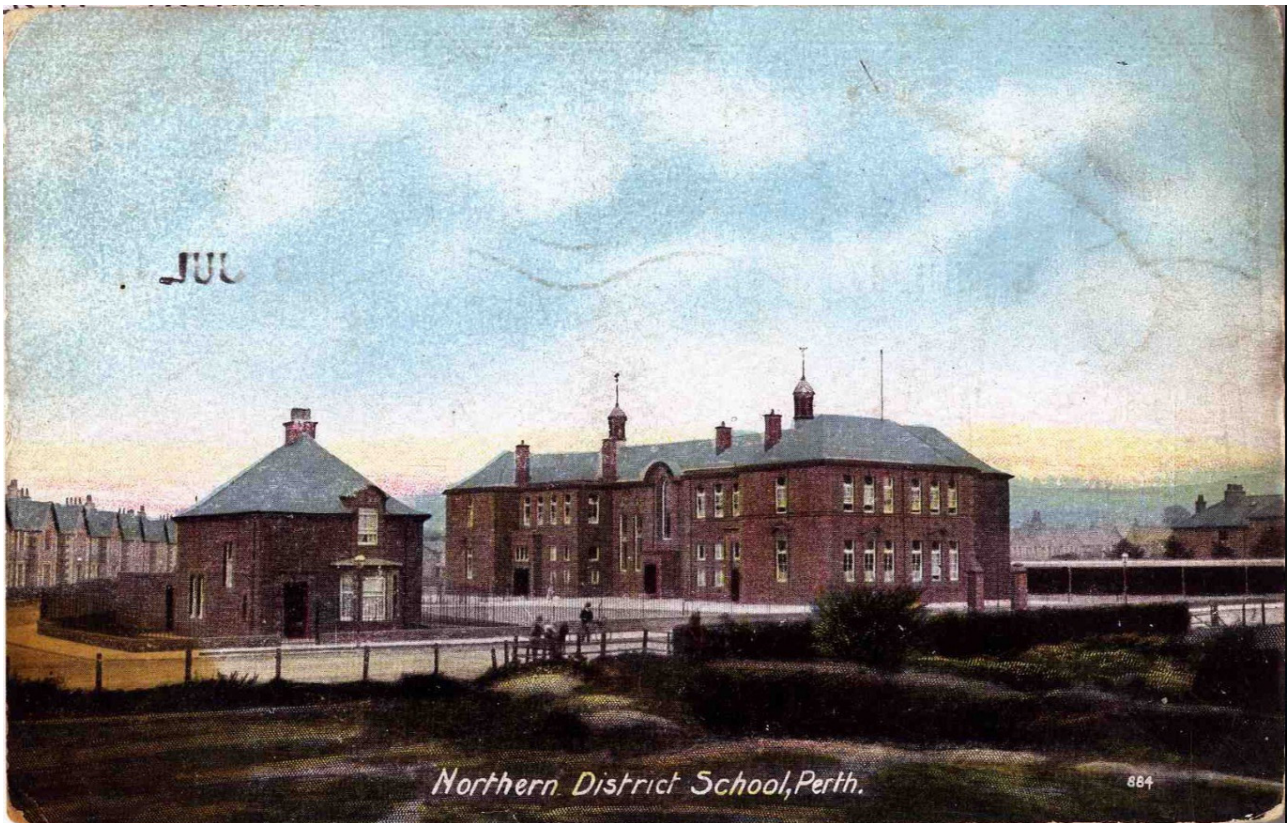


Plate 1: Colour postcard of the 'Northern District School, Perth' in 1908 (Janitor's House visible in foreground) (© Perth and Kinross Archives)

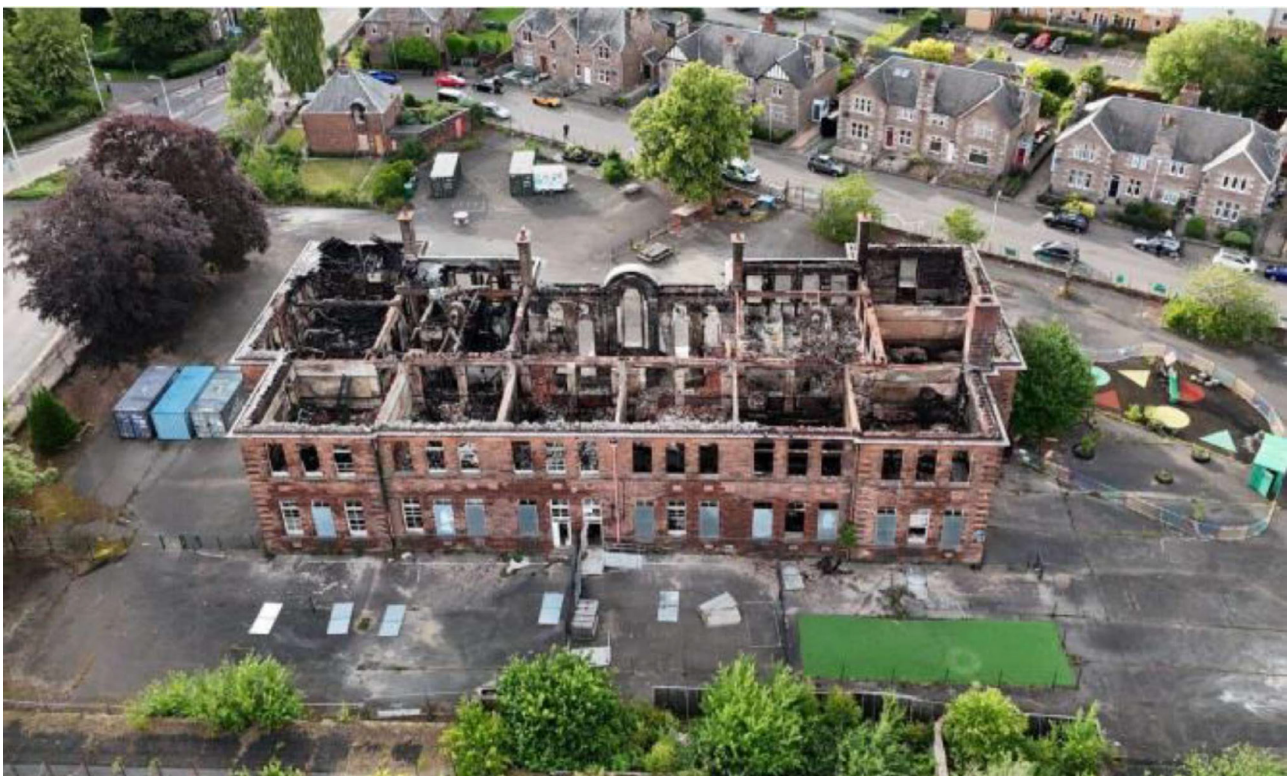


Plate 2: Overhead view of showing fire damaged remains of Balhousie School, looking north-west (© Perth and Kinross Council 2025b)



Plate 3: Detailed view of ashlar stone detailing on the south-east facing elevation (© Graham & Sibbald 2025)



Plate 4: General view of the north-west facing elevation, looking east (©Crown Copyright: HES)



Plate 5: General view of the north-west facing elevation - east extent, looking south-east (© Perth and Kinross Council 2023)



Plate 6: General view of the north-west facing elevation - west extent, looking south-east (© Perth and Kinross Council 2023)



Plate 7: Detailed view of open segmental arched window in Bay 5 of the north-west facing elevation (© Perth and Kinross Council 2025b)

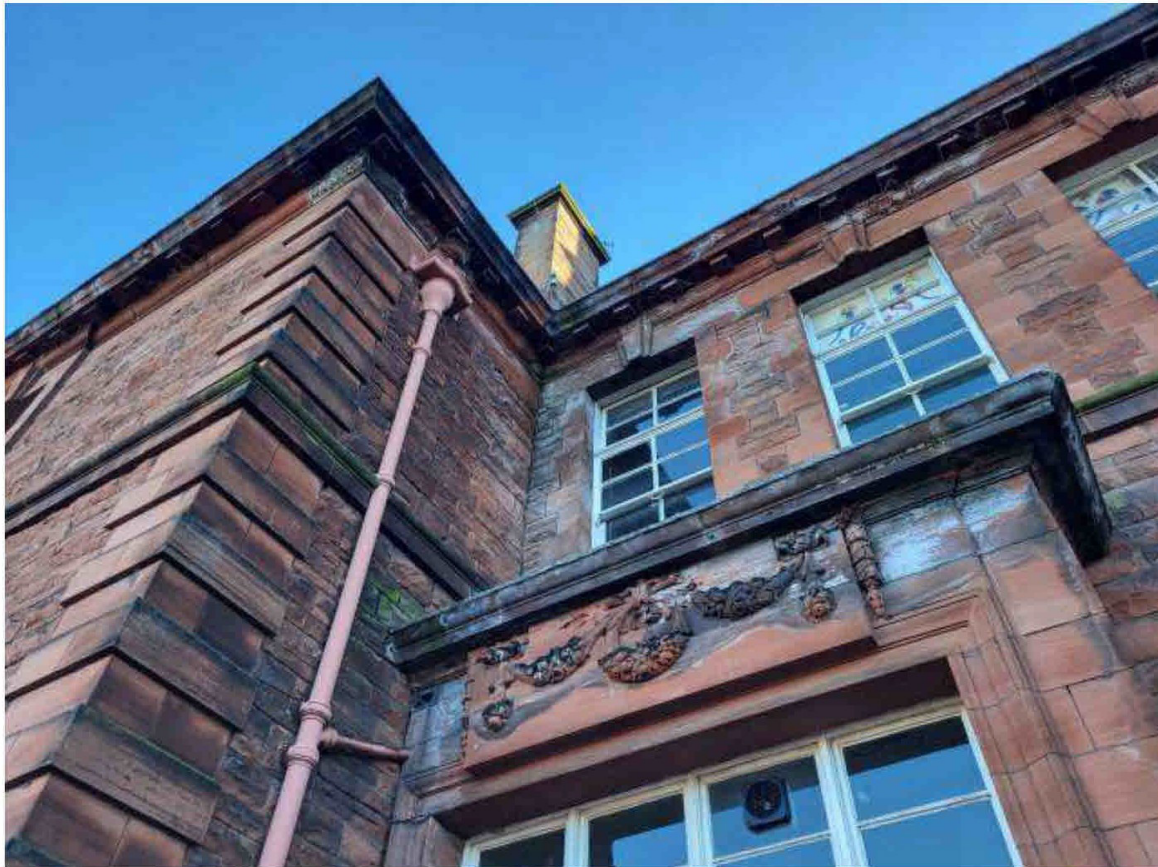


Plate 8: Detailed view of stone detailing above the east porch on the north-west facing elevation (© Graham & Sibbald 2025)

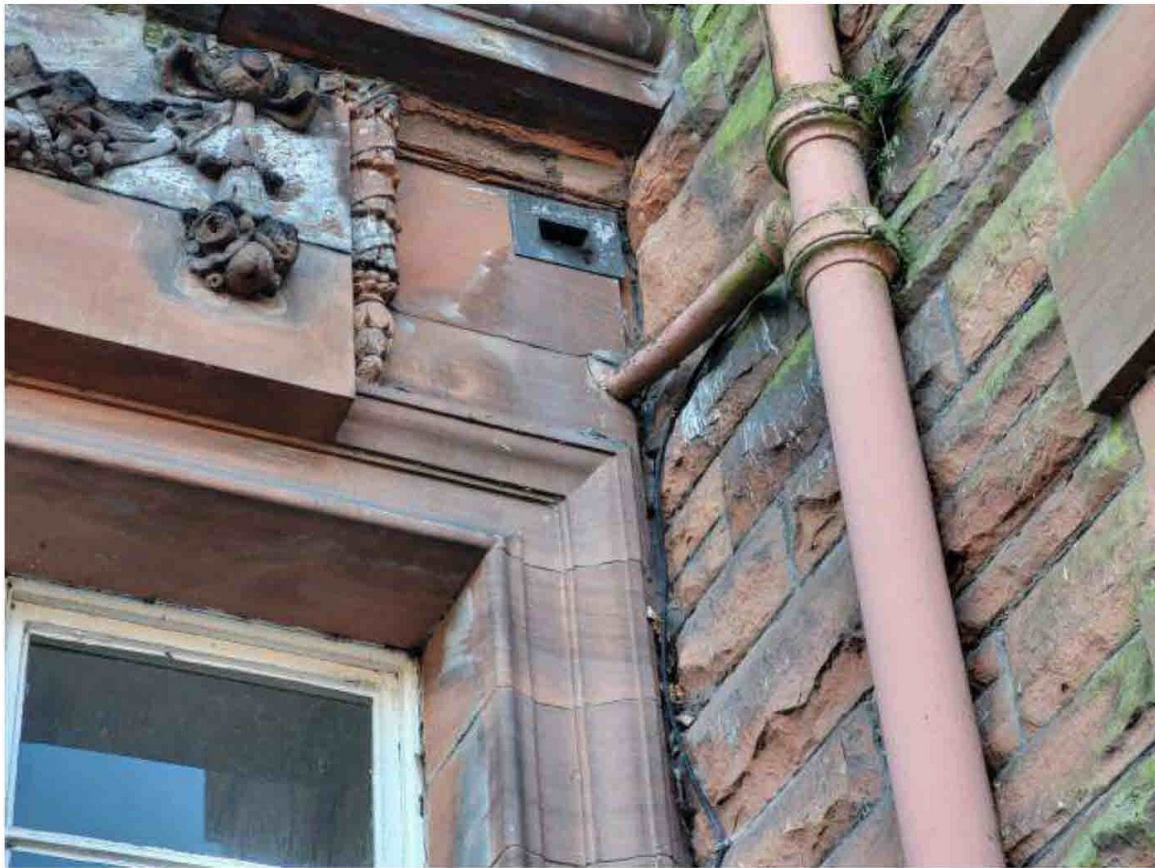


Plate 9: Detailed view of vent point on the west porch on the north-west facing elevation (© Graham & Sibbald 2025)



Plate 10: Detailed view of main entrance porch on the north-west facing elevation (© Graham & Sibbald 2025)



Plate 11: Detailed view of the stonework of the central bay on the north-west facing elevation pre-demolition  
(© Crown Copyright: HES)



Plate 12: General view of the roof detailing toward the western extent of the building, looking WSW (©  
Conservation Masonry Ltd 2025)



Plate 13: General view of the south-west facing elevation, looking south-east (© Derek Hall 2023)



Plate 14: General view of the south-west facing elevation, looking north-east (© Derek Hall 2023)



Plate 15: Detailed view of the triangular pediment details as repeated on south-west and north-east elevation (© Graham & Sibbald 2025)



Plate 16: General view of south-east facing elevation, looking north (© Derek Hall 2023)



Plate 17: General view of south-east facing elevation, looking west (© Derek Hall 2023)



Plate 18: General view of south-east facing elevation pre-demolition, looking west (© G3 Consulting Engineers 2025)



Plate 19: General view of the north-east elevation, looking south-west (© Perth and Kinross Council 2023)



Plate 20: General view of the north-east elevation, looking west (© Graham & Sibbald 2025)



Plate 21: General view of the north-east elevation showing sets to basement, looking north-west (© G3 Consulting Engineers 2025)



Plate 22: General view of the north-east elevation, looking WNW (© Graham & Sibbald 2025)



Plate 23: General view of the roof detailing towards the eastern extent of the building, looking WSW (© Conservation Masonry Ltd 2025)

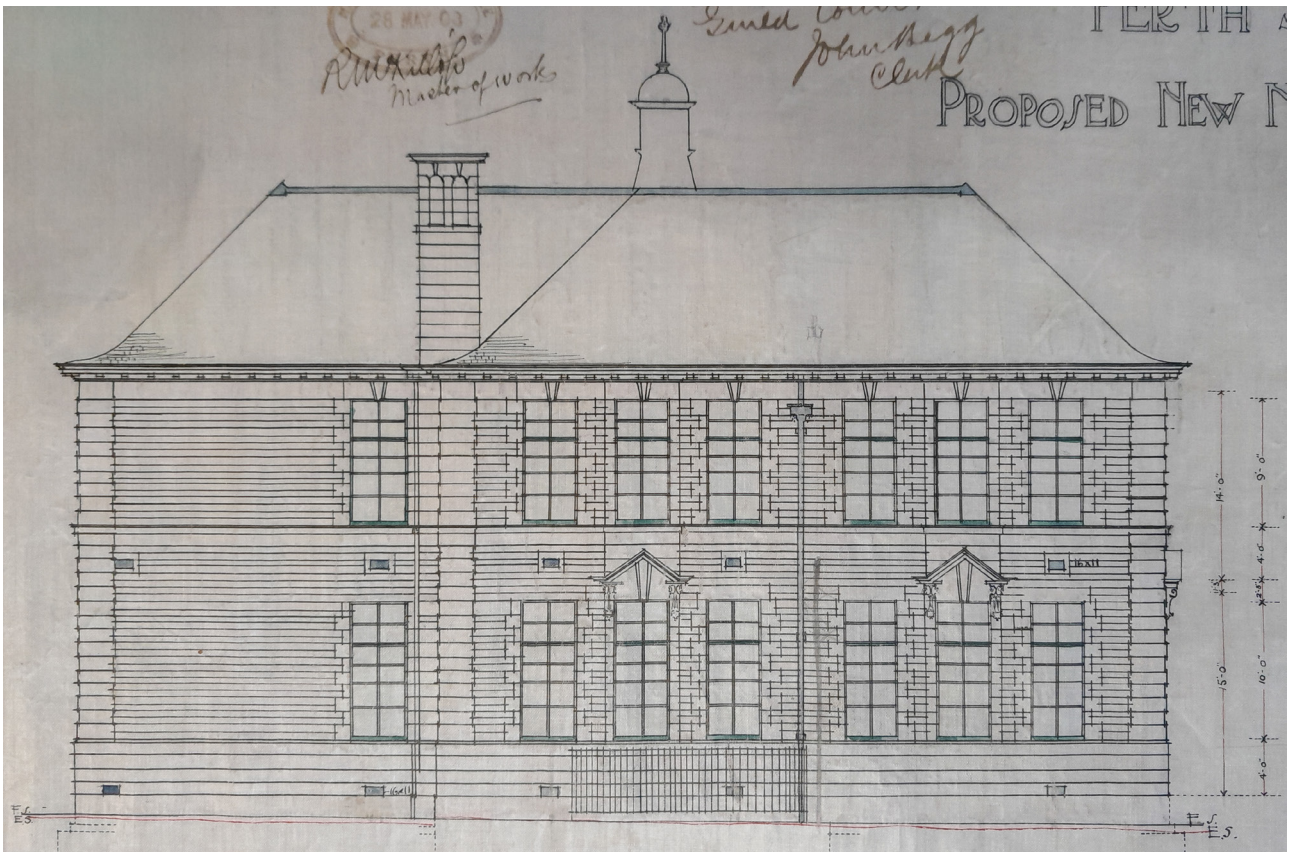


Plate 24: Original architect's drawing of the north-east elevation showing the chimney stack decoration (reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14g)



Plate 25: Control and part of ventilation system in south-western corner of Room 0/2 (© Derek Hall 2023)



Plate 26: Detail of brass ventilation controls in Room 1/5 (© Derek Hall 2023)

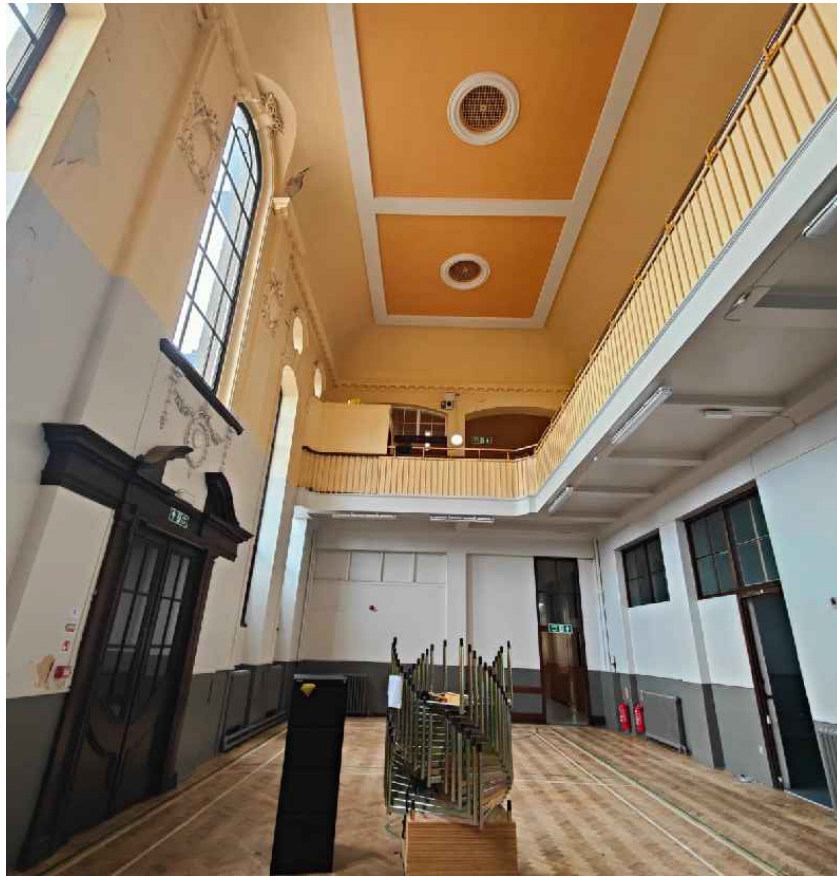


Plate 27: Ceiling of Room 0/9 showing ventilation grilles and moulding (© Trail Architects 2024)



Plate 28: Overview of fire-damaged interior showing construction materials in Rooms 0/16 & 1/9, looking ESE (© G3 Consulting Engineers 2025)

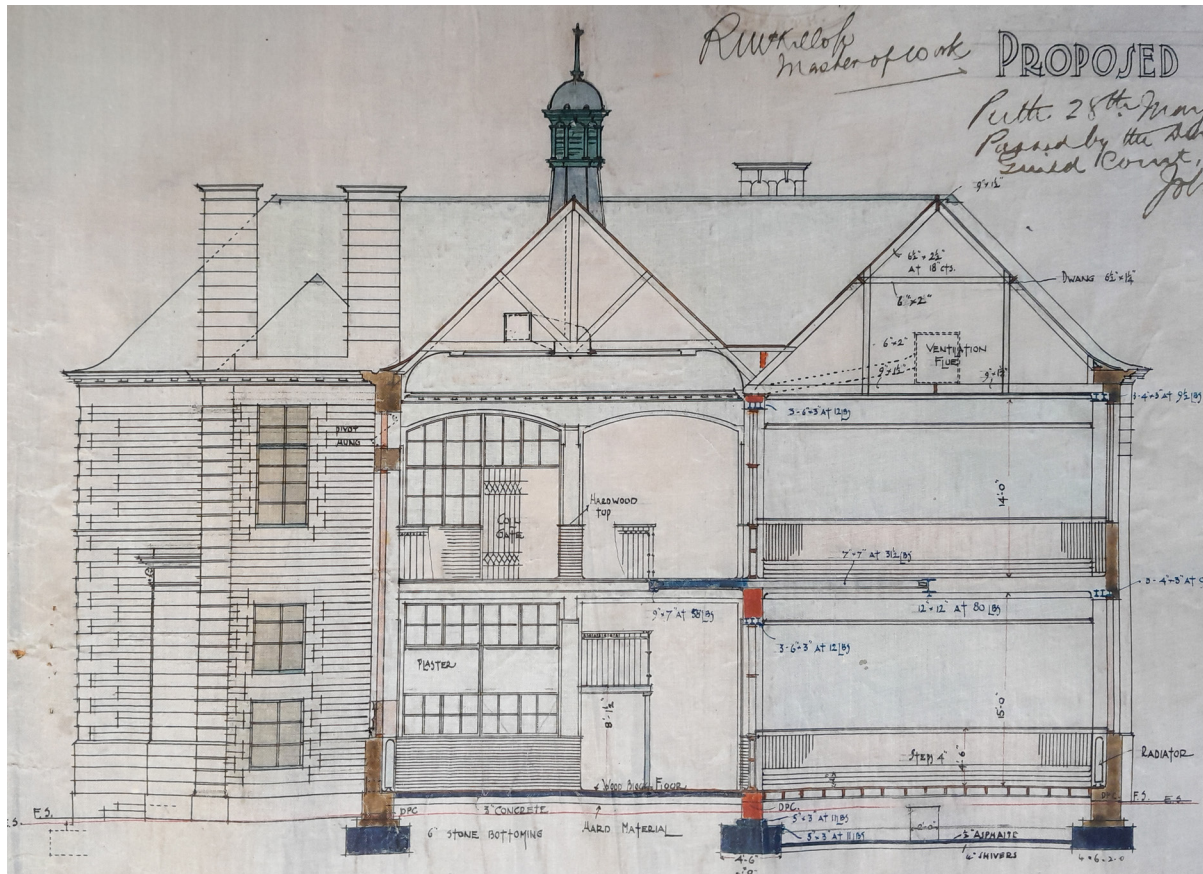


Plate 29: Original architect's NW/SE aligned section drawing showing proposed construction materials, looking north-east (reproduced by kind permission of the Perth & Kinross Archives. Reference: PE/DGP/1908/14i)

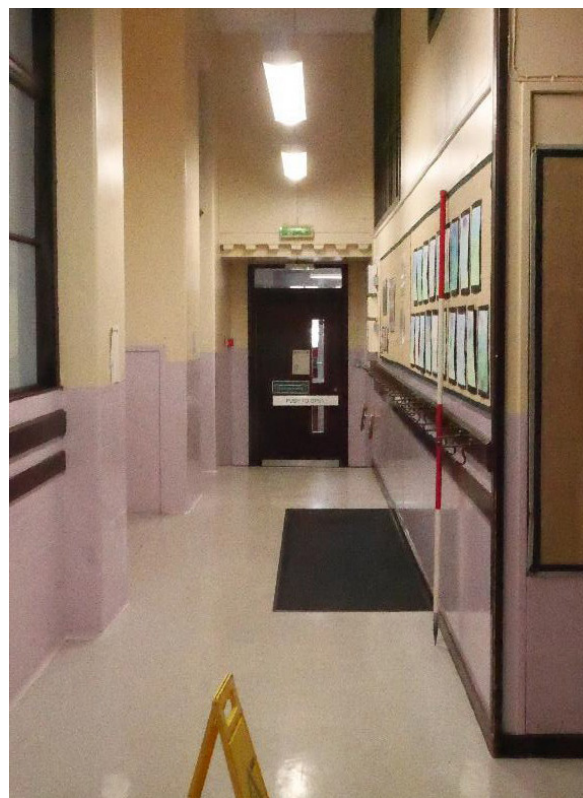


Plate 30: General view of corridor Room 0/1, looking north-west (© Derek Hall 2023)

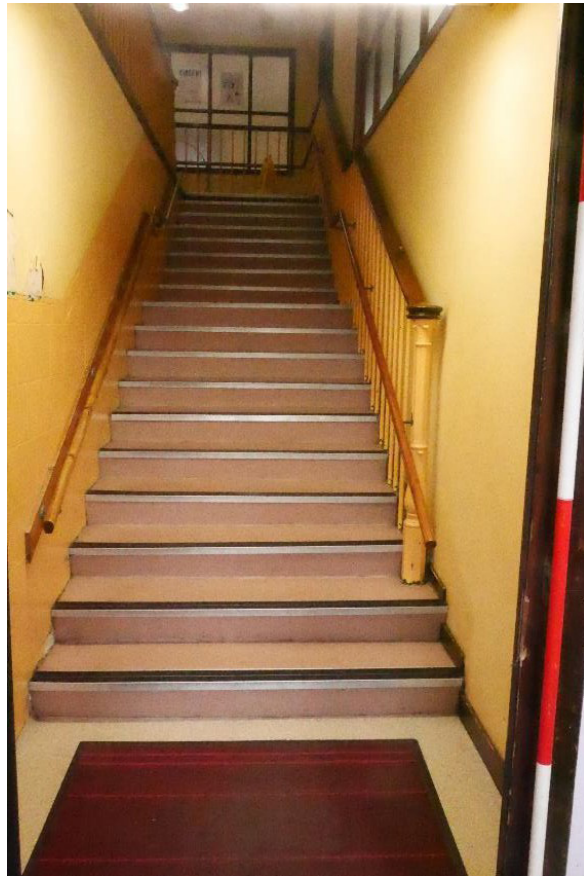


Plate 31: General view of stairs up to Mezzanine floor level from Room 0/1a (© Derek Hall 2023)



Plate 32: General view of south-east wall of porch area in Room 0/1 showing access steps (© Trail Architects 2024)



Plate 33: Detailed view of west door leading into Room 0/2, looking south-east (© Trail Architects 2024)

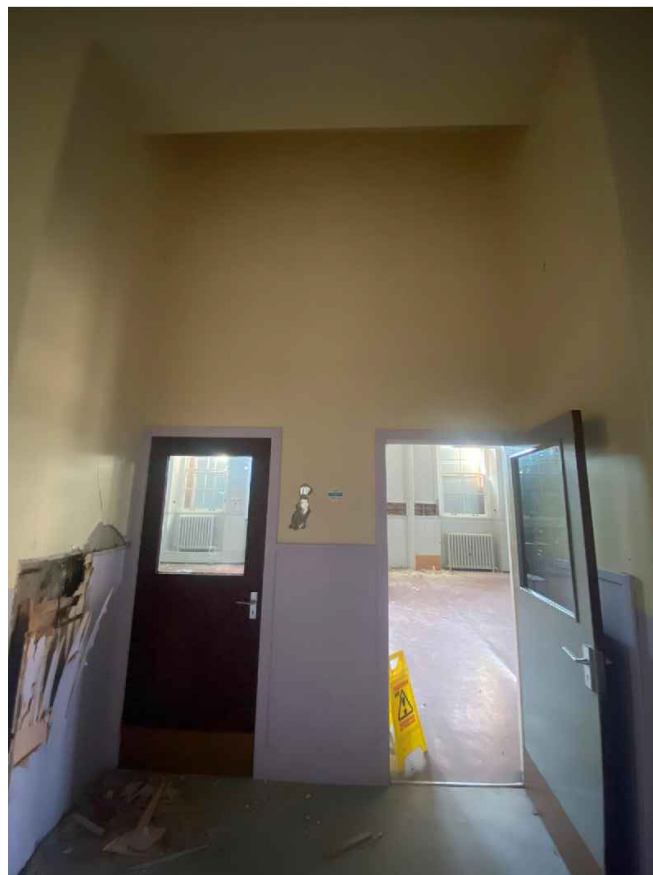


Plate 34: Detailed view of central replacement door openings leading into Room 0/2, looking south-east (© Trail Architects 2024)



Plate 35: Detailed view of original classroom window for Room 0/2, looking south-east (© Trail Architects 2024)

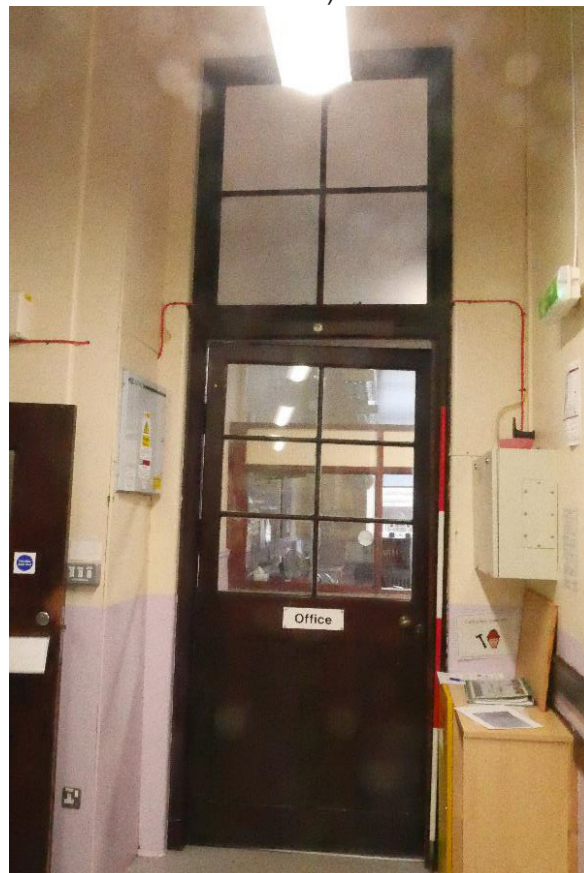


Plate 36: Detailed view of door leading into Room 0/3, looking south-east (© Derek Hall 2023)



Plate 37: General view of windows on the north-east wall of Room 0/1 (© Derek Hall 2023)



Plate 38: General view of Room 0/2, looking north-west (© Derek Hall 2023)



Plate 39: General view of the south-west wall of Room 0/2, looking west (© Derek Hall 2023)



Plate 40: Detailed view of inbuilt cupboards in the south-west wall of Room 0/2 (© Trail Architects 2024)



Plate 41: General view of the north-east wall of Room 0/2, looking NNE (© Derek Hall 2023)



Plate 42: General view of the south-east wall of Room 0/4, looking south-east (© Derek Hall 2023)



Plate 43: General view of the south-east wall of Room 0/5, looking south-east (© Derek Hall 2023)

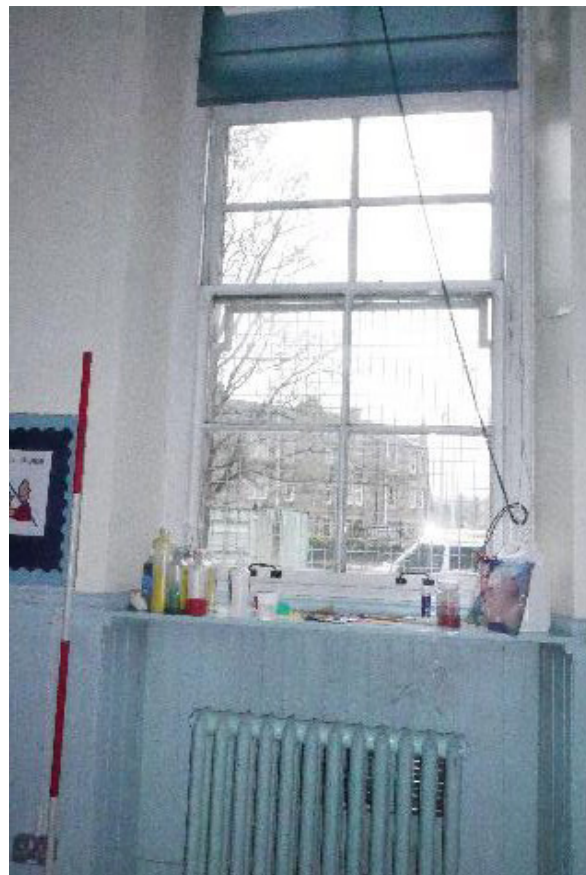


Plate 44: Detailed view of the window opening in the south-west wall of Room 0/5 (© Derek Hall 2023)



Plate 45: General view of Room 0/6, looking north (© Derek Hall 2023)

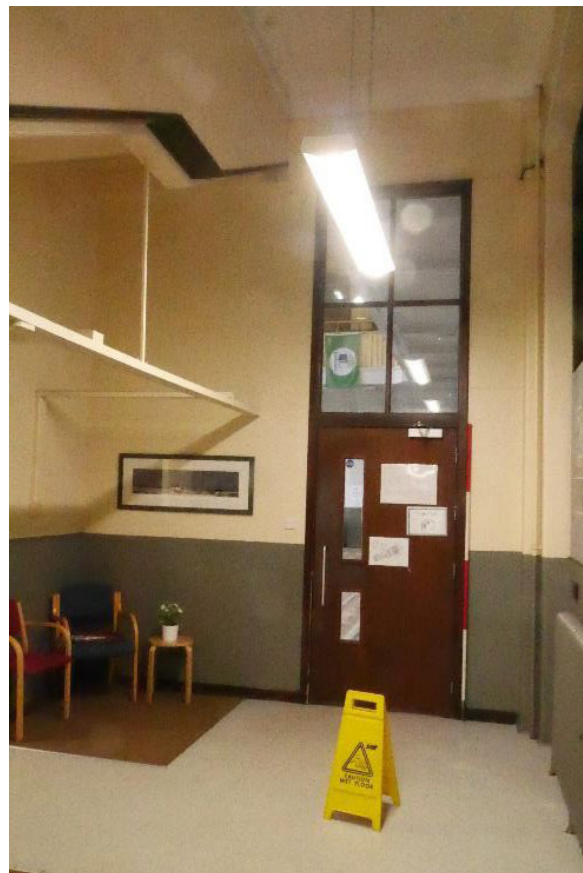


Plate 46: General view of Room 0/6, looking north-east (© Derek Hall 2023)



Plate 47: General view of window on the mezzanine stairs in Room 0/6 (© Derek Hall 2023)



Plate 48: General view of doorway into Room 0/7 from Room 0/6, looking south (© Derek Hall 2023)



Plate 49: General view of the north-west wall, looking north-west (© Derek Hall 2023)



Plate 50: General view of the north-east wall, looking WNW (© Derek Hall 2023)



Plate 51: General view of the south-east wall, looking south-east (© Derek Hall 2023)



Plate 52: General view of the south-west wall showing the original blackboard, looking south (© Derek Hall 2023)

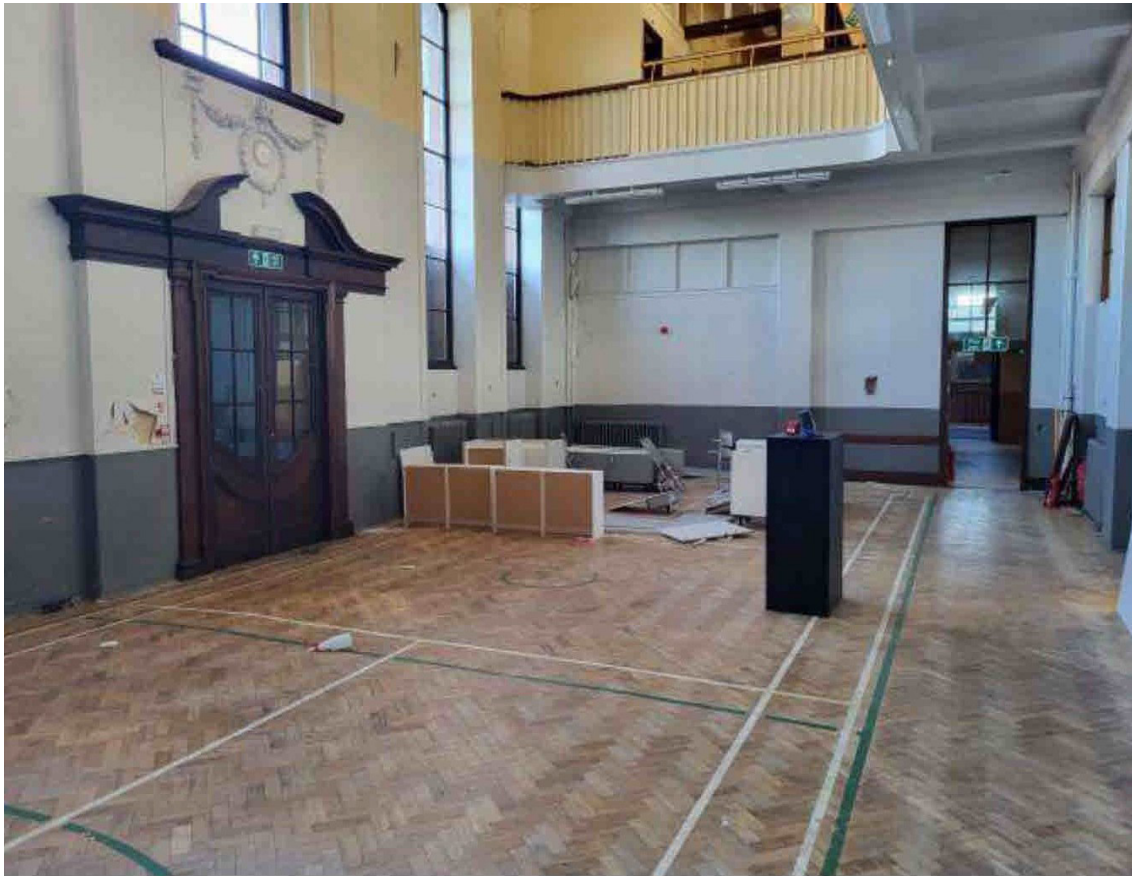


Plate 53: General view of Room 0/9 looking north-east (© Graham & Sibbald 2025)



Plate 54: General view of Room 0/9, looking south-east (© Derek Hall 2023)



Plate 55: General view of the north-west wall, looking west (© Derek Hall 2023)



Plate 56: General view of south-east wall, looking east (© Derek Hall 2023)

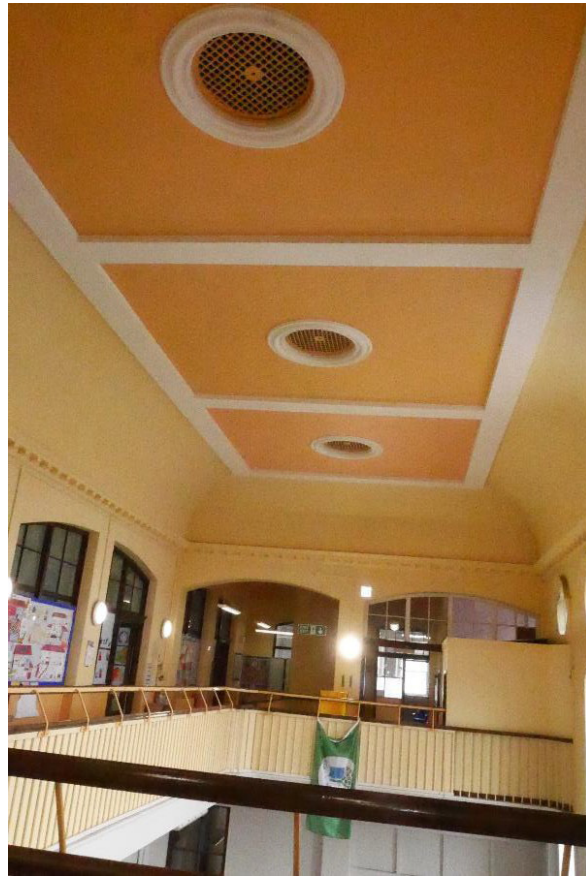


Plate 57: Detailed view of ceiling in Room 0/9, looking south-east (© Trail Architects 2024)



Plate 58: Detailed view of doors accessing Rooms 0/10 and 0/12 from Room 0/9, looking south-east (© Trail Architects 2024)



Plate 59: General view of door to Room 0/11 from entrance to Room 0/10, looking north-east (© Derek Hall 2023)



Plate 60: General view of south-east wall of Room 0/14 showing doorway Room 0/13, looking south-east (© Derek Hall 2023)



Plate 61: General view of Room 0/15, looking north-east (© Trail Architects 2024)



Plate 62: General view of Room 0/15, looking south-west (© Derek Hall 2023)



Plate 63: General view of the south-west wall in Room 0/16, looking south-west (© Derek Hall 2023)



Plate 64: General view of the north-west wall in Room 0/17, looking north-west (© Derek Hall 2023)



Plate 65: General view of the north-east wall in Room 0/17, looking north-east (© Derek Hall 2023)



Plate 66: General view of the south-west wall in Room 0/18, looking south-west (© Derek Hall 2023)



Plate 67: General view of the north-west wall in Room 0/18, looking north-west (© Derek Hall 2023)



Plate 68: General view of north-east wall in Room 0/19 showing inserted double door, looking north (© Derek Hall 2023)



Plate 69: General view of Room 0/22, looking north-west (© Derek Hall 2023)

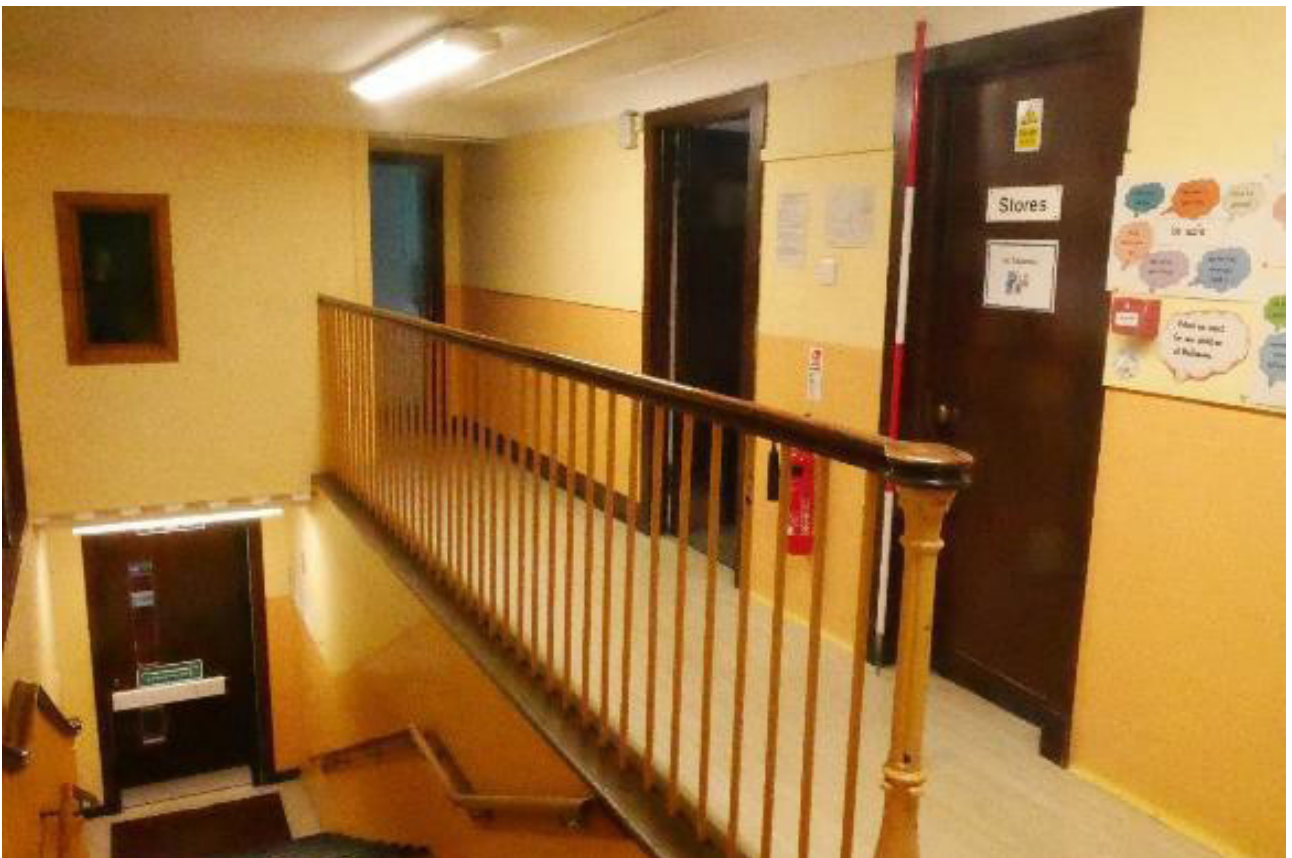


Plate 70: General view of south mezzanine corridor, looking NNW (© Derek Hall 2023)



Plate 71: General view of the north-west wall in Room M1, looking north-west (© Derek Hall 2023)



Plate 72: General view of Room M3, looking south-east (© Derek Hall 2023)



Plate 73: General view of Room M3, looking north-west (© Derek Hall 2023)



Plate 74: General view of Room M4, looking north-east (© Derek Hall 2023)



Plate 75: General view of the north mezzanine corridor, looking north-west (© Derek Hall 2023)



Plate 76: General view of Room M6, looking north-west (© Derek Hall 2023)



Plate 77: General view of Room M8, looking north (© Derek Hall 2023)



Plate 78: Detailed view of fireplace located on the north-east wall of Room M8 (© Graham & Sibbald 2025)

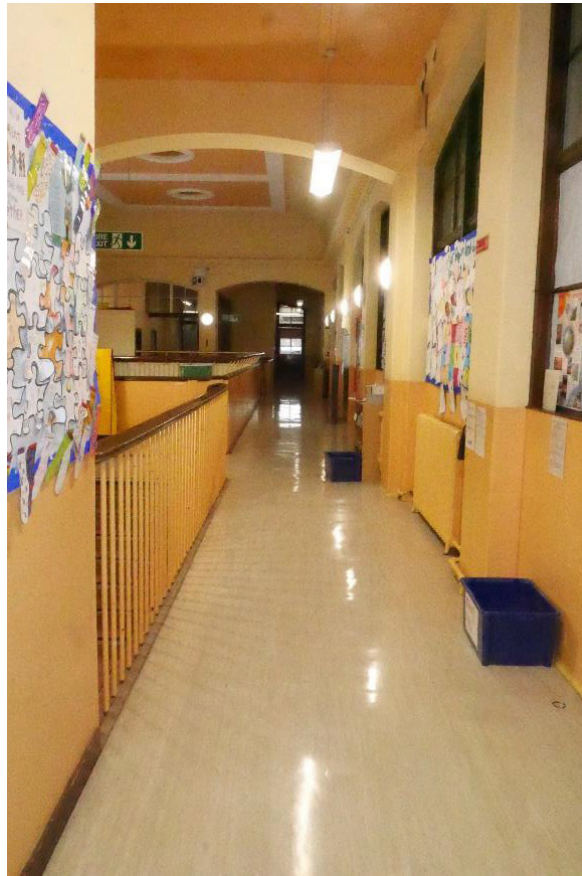


Plate 79: General view of Room 1/5, looking north-east (© Derek Hall 2023)

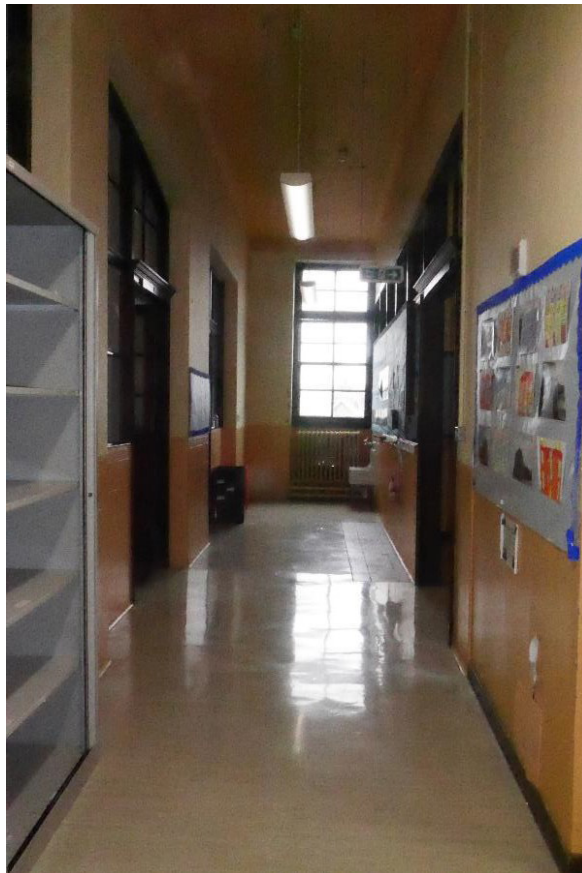


Plate 80: General view of Room 1/1, looking south-west (© Derek Hall 2023)



Plate 81: General view of Room 1/2, looking north-east (© Derek Hall 2023)



Plate 82: General view of Room 1/2, looking south-west (© Derek Hall 2023)



Plate 83: General view of Room 1/2 showing dividing wall, looking south-east (© Derek Hall 2023)



Plate 84: General view of Room 1/3 showing dividing wall, looking north-west (© Derek Hall 2023)



Plate 85: General view of Room 1/3, looking north-east (© Derek Hall 2023)



Plate 86: General view of Room 1/4, looking north-west (© Derek Hall 2023)



Plate 87: General view of dividing folding wall between Rooms 1/5 & 1/6, looking south-west (© Derek Hall 2023)



Plate 88: General view showing entrance ways to Rooms 1/20 & 1/21 located to the rear of the south mezzanine stairs, looking WSW (© Derek Hall 2023)

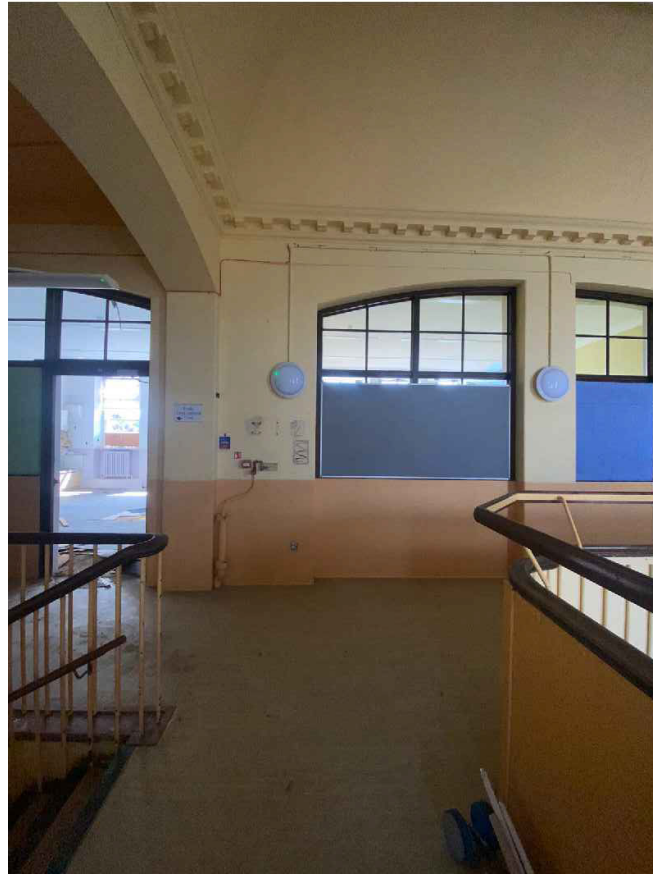


Plate 89: General view of Room 1/5 to the north of the balcony area, looking north-east (© Trail Architects 2024)



Plate 90: General view of Room 1/6, looking north-west (© Derek Hall 2023)



Plate 91: General view of entrance to Room 1/7 from Room 1/5, looking north-east (© Trail Architects 2024)



Plate 92: General view of Room 1/7, looking north-west (© Derek Hall 2023)



Plate 93: General view of Room 1/8, looking north-west (© Derek Hall 2023)



Plate 94: Detailed view of the north window in Room 1/8 showing adjacent ventilation system, looking south-east (© Derek Hall 2023)



Plate 95: General view of Room 1/9, looking north-west (© Derek Hall 2023)



Plate 96: General view of Room 1/9, looking south-east (© Derek Hall 2023)



Plate 97: General view of Room 1/10, looking north-west (© Derek Hall 2023)



Plate 98: General view of Room 1/11, looking south-west (© Derek Hall 2023)



Plate 99: General view of Room 1/12, looking south-east (© Derek Hall 2023)

## Appendix 1. Photo Plans

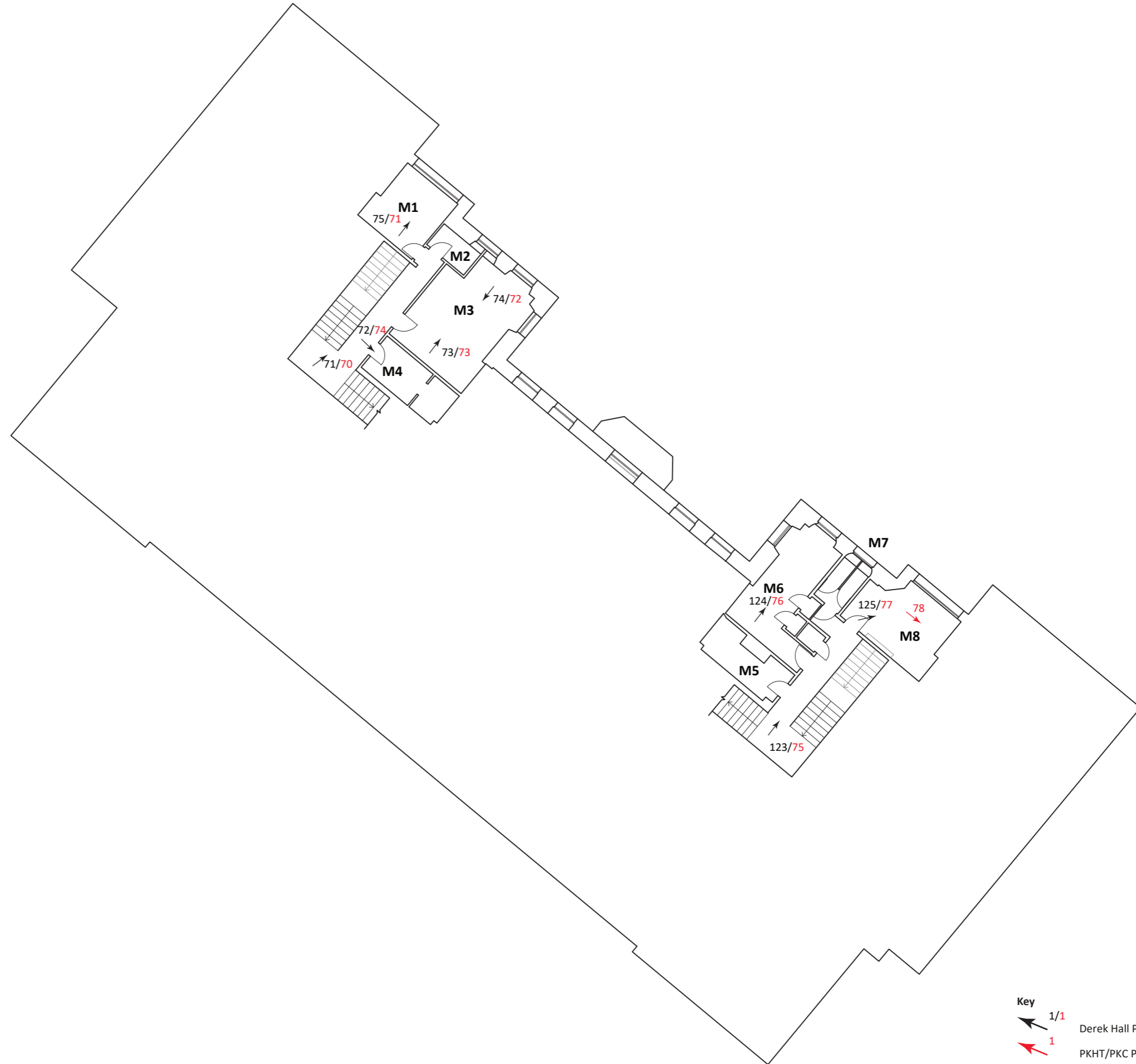


Base drawings provided by client

**Key**

- Derek Hall Photo Direction and Plate Number
- PKHT/PKC Provided Plate Direction

Appendix 1, Figure A1: Plan Showing Location and Direction of Ground Floor Photographs

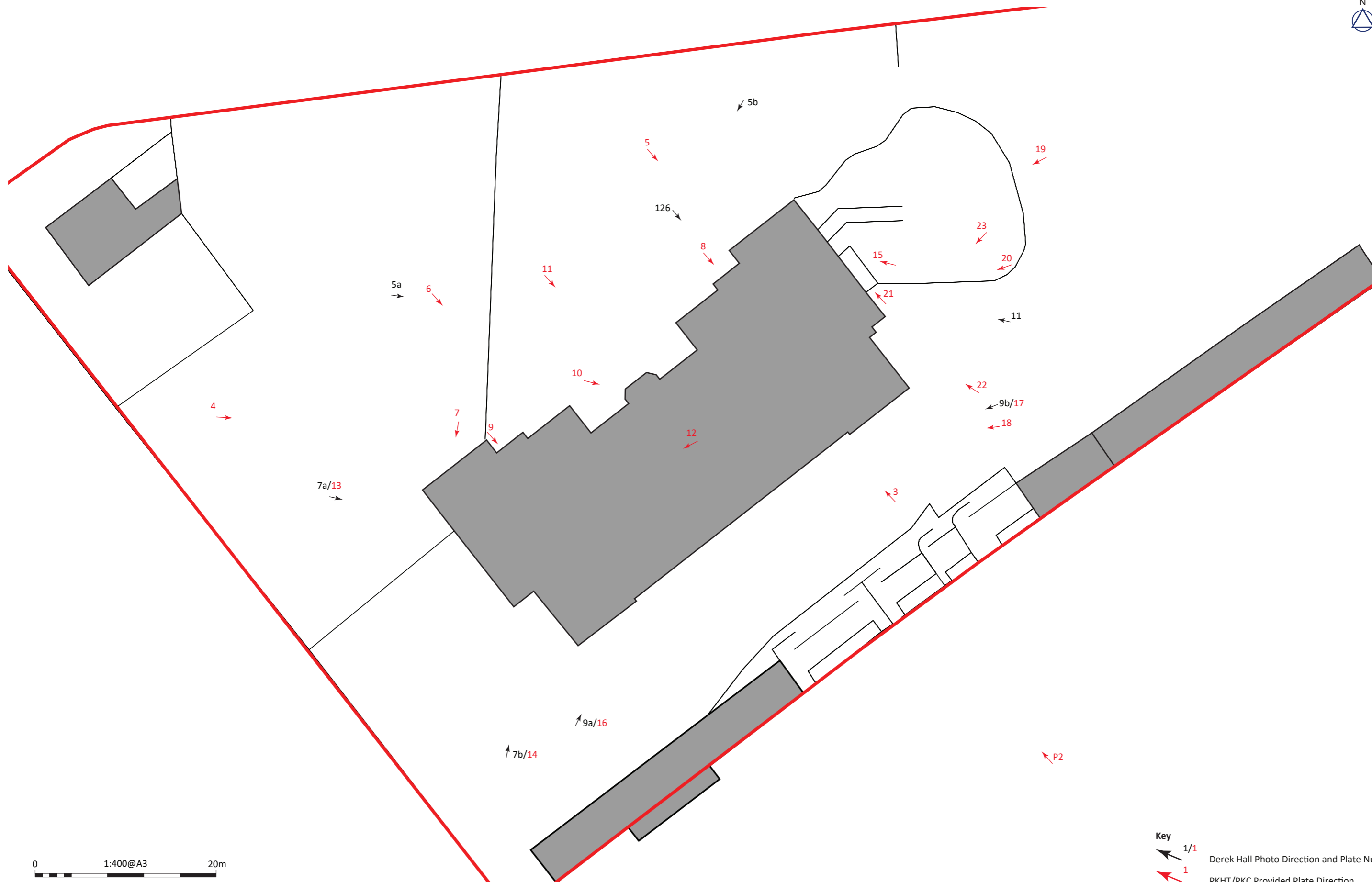


0 1:200@A3 10m  
Base drawings provided by client

Appendix 1, Figure A2: Plan Showing Location and Direction of Mezzanine Floor Photographs

Key  
1/1 Derek Hall Photo Direction and Plate Number  
1 PKHT/PKC Provided Plate Direction





0 1:400@A3 20m

Base drawings provided by client

Appendix 1, Figure A4: Plan Showing Location and Direction of External Photographs

**Key**  
1/1 Derek Hall Photo Direction and Plate Number  
1 PKHT/PKC Provided Plate Direction

## Appendix 2. Copy of OASIS Entry

**OASIS ID (UID):** aocarcha1-539139

**Project Name:** Detailed Building Survey (level 3) at Balhousie Primary School, 77 Dunkeld Road, Perth (DEMOLISHED)

**Activity type:** Descriptive Buildings Record (level 2)

**Sitecode(s):** 28742

**Project Identifier(s):** 28742

**Planning Id:** 25/01561/LBC

**Reason for Investigation:** Planning: Listed Building Consent

**Organisation Responsible for work:** AOC Archaeology Group

**Project Dates:** 11-Dec-2025 - 19-Dec-2025

**HER:** Perth & Kinross Heritage Trust

**HER Identifiers:** HER Monument No - MPK17975

**Project Methodology:** AOC Archaeology Group was commissioned to undertake a retrospective historic building recording survey of Balhousie Primary School, 77 Dunkeld Road, Perth, on behalf of the Perth and Kinross Council as a condition of Listed Building Consent. The school was left a roofless ruin after a fire in June 2023, and has now been demolished, and this commission has been prompted by the intention by the Council to submit a planning application for affordable social housing at some point in the future. A Detailed/Level 2 historic building recording survey was required by Perth and Kinross Council of the site, as much as is feasible given the available data, based on ALGAO (2013)/HE (2016) nationally recognised guidelines. This level of survey requires a photographic, written and drawn record preceded by an element of archive research to place the findings in context and aid the phasing, general history and development of the building.

**Project Results:** Balhousie Primary School was built in 1908 as a result of the 1872 Education (Scotland) Act, which made education free and compulsory for children between the ages of 5 and 13. It was designed by prominent Perth architect George Penrose Kennedy Young, constructed from high quality red sandstone in a Renaissance-style with Baroque-style detailing, drawing comparisons with the works of Christopher Wren. The exterior of the building remained largely unchanged with the exception of the insertion of doors within the original window openings in the south-east and north-west elevations to provide access to the exterior of the building. The interior layout maintained the original classroom wall partitions with minimal change. Changes to room interiors predominantly involved the subdivision of spaces to create additional storage, welfare and administrative areas in the latter half of the 20th century. Adapting for the increased administrative and legal requirements in the education system and increasing pupil numbers. The only significant structural change was located in the southern wing of the building where two classrooms were merged to create a large dining room, likely due to the removal of the external prefabricated dining room built in the 1940s. Derek Hall's report together with the demolition records, archive research and historical mapping, have identified that there are three main phases of development on the site comprising

the original construction (Phase 1), internal alterations in the mid to late 20th century (Phase 2) and additions dated to 2011 (Phase 3).

**Keywords:**

**Subject/Period:** SCHOOL: 20th Century  
Monument Type Thesaurus (Scotland)

**Archive:**

**Reports in OASIS:**

Jackson, F., (2025). *Balhousie Primary School, 77 Dunkeld Road, Perth: Retrospective Historic Building Survey report*. Edinburgh: AOC Archaeology Group. 28742.

## Appendix 3. Copy of Derek Hall Report, 2023

## Standing Building Survey

### Balhousie Primary School, Perth, Perth and Kinross



North facing external elevation of Balhousie Primary School looking South East.



29th May 2023

## **Introduction**

In advance of a prospective planning application for the conversion of Balhousie Primary School into flatted housing the Planning and Housing Strategy section of Perth and Kinross Council was advised by Perth and Kinross Heritage Trust to commission a Basic Level Building Survey of the building which is 'B' Listed (<http://portal.historicenvironment.scot/designation/LB39344>). The standing building survey was conducted by the author on Saturday 6<sup>th</sup> May 2023 (BH01), weather conditions were overcast.

## **Location and Description (Illus 1)**

Balhousie Primary School lies on the Northern side of the City of Perth on the Eastern side of the Dunkeld Road and is bounded by Muirton Street on its Northern side and Balhousie Street on its Eastern side. The building lies on an West to East alignment and contains a ground floor, mezzanine floor and an upper floor level.

## **Historical Background (Illus 2 to 4)**

All cartographic information from [www.nls.co.uk](http://www.nls.co.uk)

Originally known as the Northern District School the primary school was built in 1908 in an Edwardian Renaissance style by local architect George Penrose Kennedy Young ([https://www.scottisharchitects.org.uk/architect\\_full.php?id=204618](https://www.scottisharchitects.org.uk/architect_full.php?id=204618)). Due to a recent fall in pupil numbers and structural problems it has been decided to transfer all the pupils to a newly built school in North Muirton and to repurpose the school building. Perth and Kinross Council Archives holds a complete set of original coloured oil cloth drawings of the plans and sections of the building from the Dean Of Guild Archive (E/MP/P/115) which were consulted as part of this survey (see Appendix 1).

## **Survey (Illus 5 to 126)**

The whole of the school building was recorded photographically and graduated 2m scales were included where possible in all photographs. Written descriptions were also made of the building, its internal rooms and details of interest.

## **External elevations (Illus 5 to 12)**

The school roof is slated and contains four chimneys and two shuttered and leaded ventilators with weather vanes (the Western one is a rooster, the Eastern is a dragon (Illus 126)).

## **North facing external elevation (Illus 5 and 6)**

This is built of mortar bonded cut red sandstone, the five courses at the base of the elevation are plain sandstone the remainder of the blocks are of a 'rusticated' style. The elevation is divided into five separate blocks that are separated by lines of 'blocked' quoins that run up to roof height. The first and second and fourth and fifth of those blocks are separated by string courses at upper floor

level. From its Eastern end there are windows on ground and upper floor level, the ground floor window has an arched pediment. The elevation steps back into the next block and at ground floor level contains an entrance doorway with double doors in a pediment with 'BOYS' incised into the stone below glazed windows. There is then another smaller doorway surrounded by three small glazed windows. At upper floor level there are four narrow glazed windows. The elevation steps back again to a wall face that contains a porch with the main entrance doors into the building, the top of the porch is labelled 'INFANTS' with incised lettering. The elevation behind the porch has 'M CM VIII' carved into it. Above the porch is a tall arched glazed window with an arched pediment in the roofline. There are two tall arched glazed windows with circular glazed windows above them on either side of the entrance porch. The elevation then steps out again and contains a single doorway surrounded by three small glazed windows at ground floor level and double entrance doors in a porch with a notice attached saying 'Main Entrance' at its top. At upper floor level there are four narrow glazed windows. The elevation then steps out again to a final block that contains glazed windows at ground and first floor levels. The ground floor window has an arched pediment.

### **West facing external elevation (Illus 7 and 8)**

This is built of mortar bonded red sandstone, the five courses at the base of the elevation are plain sandstone the remainder of the blocks are of a 'rusticated' style. The elevation is divided up into three separate blocks, the first and third of these are defined by lines of 'blocked' quoins that run up to roof height. A string course runs along the elevation separating the ground floor from the upper floor. At ground floor level there are six glazed windows each containing twelve panes of glass, the second and fifth windows have arched pediments. At upper floor level there are six glazed windows with twelve panes of glass in each of them. At its Southern end the elevation steps back and contains single glazed windows at ground and upper floor level.

### **South Facing external elevation (Illus 9 and 10)**

This is built of mortar bonded red sandstone, the five courses at the base of the elevation are plain sandstone the remainder of the blocks are of a 'rusticated' style. At ground floor level from its Eastern end there are nine glazed windows, two doorways with windows above them and then another seven glazed windows. At upper floor level there are eighteen glazed windows.

### **East facing external elevation (Illus 11 and 12)**

This is built of mortar bonded red sandstone, the five courses at the base of the elevation are plain sandstone the remainder of the blocks are of a 'rusticated' style. The elevation is divided up into three separate blocks, the first and third of these are defined by lines of 'blocked' quoins that run up to roof height. A string course runs along the elevation separating the ground floor from the upper floor. At ground floor level there are six glazed windows each containing twelve panes of glass, the second and fifth windows have arched pediments. At upper floor level there are six glazed windows with twelve panes of glass in each of them. At its Southern end the elevation steps back and contains single glazed windows at ground and upper floor level.

## **Internal rooms (Numbers as marked on Illustrations 13 and 14)**

### **Ground Floor from the West (Illus 13 to 69)**

Entering the building through the Western entrance there is a small lobby with doors into the ground floor on one side and mezzanine and upper floor levels on the other.

#### **1. Corridor (Illus 15 to 17)**

This is a Corridor leading from the entrance door up a low flight of steps. Its East facing internal elevation contains doorways into Dining Room (2). There is a wooden coat rack on its West facing internal elevation with hooks at a height of 1.08m above floor level. The upper section of the West facing internal elevation contains two timber framed windows, one has twelve panes of glass the other has six.

#### **2. Dining Room (former classroom) (Illus 18 to 22)**

There is a counter and service area inserted at the Northern end of this room. The Room has a linoleum floor and its East facing internal elevation has six tall glazed windows with twelve panes of glass in each. Its South facing internal elevation has one tall glazed window hidden by the service area. Its West facing elevation has three doorways with wooden doors with frosted glass. At its Southern end there is a large frosted glass window containing sixteen panes of glass. Its Northern, Eastern and Western facing elevations have half-timbered panelling on their lower sections, their upper sections are painted. There is a flat ceiling with strip lighting and its East facing elevation contains a wooden cupboard with drawers.

#### **3. Office (former classroom) (Illus 23 and 24)**

This has been divided into three, the office area is behind a glass panelled screen and Meeting room (4) is accessed through the East facing internal elevation. The North facing internal elevation contains two tall glazed windows and the Northern, Southern and Western facing elevations are half-timber panelled.

#### **4. Meeting Room (Illus 25 to 27)**

There is a tall glazed window in the North facing internal elevation, and a tall glazed window in the East facing internal elevation. The North, South and East facing elevations are half-timber panelled. The West facing internal elevation contains two doorways and has been inserted into the room.

## **5. Lobby (Illus 28 to 32)**

This contains a doorway into Hall (7) in its West facing internal elevation, and there are toilets and stores in its South facing internal elevation. There is a doorway into Staff Room (6) in its North facing elevation. The bottom of the flight of stairs up to the mezzanine floor is visible at top of its South facing internal elevation.

## **6. Staff Room (former classroom) (Illus 33 to 37)**

There are three tall glazed windows in its North facing internal elevation and there are ten panes of glass in each. Its Northern, Eastern and Southern internal elevations are half-timber panelled. Its South facing internal elevation has a doorway and a frosted glazed window containing twenty-eight panes of glass. The entrance door has a floor latch on the floor and there is an original wooden blackboard visible on its internal East facing elevation. There are surviving metal levers for controlling the original ventilation system on the North facing internal elevation.

## **7. Hall (Illus 38 to 42)**

This has a parquet floor. It's South facing internal elevation contains the main doorway into the school and has a fine set of wooden doors. There is an arched window above the doorway which contains twenty-one panes of glass. There are three arched windows on either side of the doorway with circular glazed windows above them, the outer arched windows are partially covered by the junction of the mezzanine floor with the South facing internal elevation. There are flat pillars on either side of the doorway which have blank plastered panels surrounded by floral wreaths on them. There is further floral decoration above the arched window above the doorway. There is strong moulded decoration around the edge of the vault for the ceiling. The North facing internal elevation contains four doorways into rooms 8, 9, 10 and 11. There is a balustrade for a balcony at the upper floor level at the top of the North, East and West facing internal elevations.

## **8. Store (Illus 43 and 44)**

This has a lobby that leads into a store for gym equipment. Its internal West facing elevation is an inserted dividing wall. The North facing internal elevation contains two tall glazed windows with twelve panes of glass in each. The South and West facing internal elevations are half-timber panelled.

## **9. Store (Illus 45)**

This contains the electricity meters and is a store for scooters.

## **10. Classroom (Illus 46 to 49)**

The North facing internal elevation contains three tall windows each containing twelve panes of glass. The East facing internal elevation contains a doorway into an inserted shower and toilet area (behind Store 9). The North facing, West facing and South facing internal elevations have half-timbered panelling. The South facing internal elevation contains frosted glass windows containing twenty-eight panes.

### **11. Lobby (Illus 50 to 51)**

The East facing internal elevation contains a doorway from hall 7. The North facing internal elevation has door into Classroom (12). The South facing internal elevation has doors into toilets and stores. The bottom of the flight of stairs up to the mezzanine floor level is visible at the top of South facing internal elevation.

### **12. Classroom (Illus 52 to 55)**

The North facing internal elevation contains three tall windows each with twelve panes of glass. All the internal elevations have half-timbered panelling. There is an original wooden blackboard on the East facing internal elevation. There is a doorway and frosted glass windows (with twenty panes) in the South facing internal elevation. A wooden cupboard also runs along that elevation.

### **13. Classroom (Illus 56 to 60)**

The North facing internal elevation contains three tall glazed windows with twelve panes of glass in each. There is a black board on the East facing internal elevation. All elevations are half-timber panelled. There is a tall glazed window with twelve panes of glass in the West facing internal elevation and a cupboard in the North facing internal elevation.

### **14. Classroom (Illus 61 to 64)**

The West facing internal elevation contains three tall glazed windows with twelve panes of glass in each. There is an original wooden blackboard on the North facing internal elevation and all elevations are half-timber panelled. The East facing internal elevation contains frosted glass panels and a doorway into Classroom (15) in its South facing internal elevation.

### **15. Classroom (Illus 65 to 68)**

The East facing internal elevation contains 3 tall glazed windows, the South facing elevation contains one tall glazed window. All the elevations have half-timber panelling and the North facing internal elevation has a doorway into Classroom (14).

### **16. Corridor (Illus 69)**

This provides access to classrooms 13, 14 and 15 and a door to the 'Boys' entrance. Its East facing internal elevation contains timber framed windows at mezzanine floor level there are six panes in one and twelve in the other.

### **Mezzanine floor at the West end of the school (Illus 70 to 75)**

A flight of stairs leads to a mezzanine floor level. The West facing internal elevation at Mezzanine level contains a stores (a) and the head teacher's office (b) (numbered 23). The Head teacher's office has glazed windows in its Southern and Western facing internal elevations. The South facing internal elevation contains a doorway into a toilet (c), the East

facing internal elevation contains a doorway into the school office (d). The school office has a glazed window in its South facing internal elevation containing twelve panes of glass.

## **Upper floor**

A flight of stairs leads from the mezzanine floor level up to the upper floor. On the North side of the stairs there are toilets and a first aid room with a lobby area in front. The North facing internal elevation of the lobby contains glazed windows and a wooden coat rack with hooks 1.16m off the floor level.

### **17. Corridor (Illus 76)**

A doorway in the East facing internal elevation of the lobby leads to a corridor providing access to Rooms 18, 19 and 20.

### **18. Classroom (Illus 77 to 81)**

There is one glazed window in its South facing internal elevation and three in its East facing elevation, there are twelve panes of glass in each window. There is half-timbered panelling on the Southern, Western and Eastern facing elevations. The North facing internal elevation has six glazed windows across the top with four panes of glass in each and is an original folding dividing wall.

### **19. Library (Illus 82 to 85)**

There are three tall glazed windows in the East facing internal elevation and there are twelve panes of glass in each. There is half-timbered panelling on the Northern, Western and Eastern elevations. The South facing elevation is an original folding dividing wall (see (18) above).

### **20. Classroom (Illus 86 to 89)**

The East facing internal elevation has one glazed window with twelve panes of glass. The North facing internal elevation has three glazed windows each containing twelve panes of glass. All the elevations have half-timbered panelling. There is a whiteboard on the West facing internal elevation.

### **21. Lobby (Illus 90 and 91)**

A flight of stairs leads down to the mezzanine level. On the North side of the stairs there is a quiet room, a toilet and a janitor's office. The North facing internal elevation of the lobby has a glazed panel containing thirty panes of glass and a wooden coat rack with the hooks 1.15m above floor level.

## **22. Classroom (Illus 92 to 95)**

There are three glazed windows in the North facing elevation, each one contains twelve panes of glass. All elevations are half-timbered and the South facing internal elevation has a door and glazed windows containing sixteen panes of glass.

## **23. Classroom (Illus 96 to 99)**

There are three glazed windows in the North facing internal elevation each containing twelve panes of glass. All the elevations are half-timber panelled. There is a whiteboard on the East facing internal elevation and a slightly arched glazed window in the South facing internal elevation containing twenty-four panes of glass.

## **24. Balcony and Balustrade (Illus 100 and 101)**

A balcony with a balustrade provides a view down into Hall (7) and provides access to Classrooms (23 and 25).

## **25. Classroom (Illus 102 to 105)**

This is subdivided into a store and a small library by an internal dividing wall which does not reach the ceiling. There are three glazed windows with twelve panes of glass in each in the North facing internal elevation. All the elevations are half-timber panelled and there is an original cupboard and shelving against the East facing internal elevation. The South facing internal elevation contains a low arched glazed window with twenty panes of glass.

## **26. Classroom (Illus 106 to 109)**

There are three tall glazed windows in the West facing internal elevation and all elevations are half-timber panelled. The South facing internal elevation has a low arched glazed window which contains twenty-eight panes of glass. There is an original wooden blackboard on the East facing internal elevation.

## **27. Classroom (Illus 110 to 113)**

There are three tall glazed windows in the North facing internal elevation with twelve panes of glass in each. There is one tall glazed window in the West facing internal elevation and all elevations are half-timber panelled. There is an original wooden black board on the East facing internal elevation.

## **28. Classroom (Illus 114 to 117)**

There are three glazed windows in the West facing internal elevation and all elevations are half-timber panelled. There is an original wooden blackboard on the internal North facing elevation. There is a low glazed arched window in the East facing internal elevation which contains twenty-eight panes of glass.

### **29. Classroom (Illus 118 to 121)**

There are three glazed windows in the South facing internal elevation with twelve panes of glass in each. There is one glass window with twelve panes in the East facing internal elevation and all the elevations are half-timber panelled. There is an original wooden blackboard in the West facing internal elevation and a doorway and glazed window with eight panes of glass in the North facing elevation.

### **30. Corridor (Illus 122)**

A corridor provides access to Classrooms (27), (28) and (29) and a lobby containing a quiet room a toilet and a janitor's office. The North facing elevation of the lobby has timber framed frosted glass windows and a wooden coat rack.

### **Mezzanine East (Illus 123 to 125)**

A flight of stairs leads to the mezzanine floor on the Eastern side of the building. The West facing internal elevation contains doorways into a store (e) and a maths support room (f) (numbered 26), there are toilets (g) in the South facing internal elevation and a doorway into a child support room (h) in the East facing internal elevation. The stairs continue down to a doorway that leads to a small lobby for the original 'BOYS' entrance to the school.

### **General comments (Illustrations 21, 23 to 27, 33 to 37, 42, 45 to 49, 80, 82, 92, 104 and 126).**

Balhouses Primary School retains most of its original ground plan although some of the original classrooms have been subdivided to create office, storage and welfare spaces (3, 4, 6, 8, 9 and 10) (Illus 23 to 27, 33 to 37, 45 to 49). Original folding dividing walls from the 1908 school building are still *in situ* between Rooms 18 and 19 and 22 and 23 (Illus 80, 82 and 92) and apparent original fitted cupboards are still visible in Dining Room (2) and Staff Room (6) (Illus 19, 20 and 26). Original wooden blackboards are visible on the walls of Staff Room (6) (Illus 33) and Classrooms (12), (13), (14), (23), (28) and (29) (Illus 52, 56, 57, 61, 96, 114 and 118). A standard internal decorative pattern of the use of a half-timbered planked wall facing is visible in Rooms 3, 4, 6, 8, 10, 12, 13, 14, 15, 18, 19, 20, 22, 23, 25, 26, 27, 28 and 29. There is an extensive use of glazed windows and panels throughout the building much of which would also appear to be original. The two roof ventilators on the roof (Illus 126 shows Eastern one) and surviving internal features such as the circular roof grilles above hall (7) (Illus 42), the brass control levers in Room (6) (Illus 37) and Lobby (21) (Illus 91) and vents in Dining Room (2) (Illus 21) and Classroom (25) (Illus 104) indicate that a complicated natural ventilation system was used for the whole school building. This may have been by Robert Boyle and Son (London and Glasgow) who were great advocates of such systems in the early 20<sup>th</sup> century (Roberts 2008, 33, 34 (Fig 44)). The South facing internal elevation of Hall (7) retains the fine main doors and original decorative plasterwork of the 1908 school building and its ceiling retains the original moulding and circular ventilation grilles (Illus 39 and 42). The weather vanes of a rooster and a dragon are a nice surviving touch on the roof ventilators of the building (Illus 126).

## Recommendations

The author would recommend that it would be very helpful if the Council's study report, when produced, included a simple statement that the building and its heritage features are in good overall condition and considers its suitability for conversion to new uses, including residential. If possible, it would be good to retain the original folding dividing walls from the 1908 school building that are still *in situ* (between Rooms 18 and 19 and 22 and 23 (Illus 80, 82 and 92)) and reuse the original fitted cupboards that are still visible in Dining Room (2) and Staff Room (6) (Illus 19, 20 and 26). There is an extensive use of glazed windows and panels throughout the building much of which would also appear to be original and should be retained if possible.

The author feels that this survey provides an adequate record of the building prior to its conversion. The final decision on these recommendations however rests with Grace Woolmer of Perth and Kinross Heritage Trust.

## Acknowledgements

The author would like to thank Bea Nicol of the Planning and Housing Strategy section of Perth and Kinross Council and Ralph for arranging access to the school for the survey and Lorna Westwater of Perth and Kinross Archives for access to the original plans and drawings of the school.

## References (Online)

Roberts, B 2008 **Historic Buildings Engineering Systems & Equipment Heating & Ventilation** English Heritage <https://historicengland.org.uk/images-books/publications/heating-ventilation/heatingventilation/>

2015 Perth and Kinross Council Education And Children's Services Options Appraisal Report Balhousie Primary School and North Muirton Primary School Appendix A [https://www.pkc.gov.uk/media/41660/Balhousie-Primary-School-Option-Appraisals/pdf/BALHOUSIE\\_OPTION\\_APPRAISAL](https://www.pkc.gov.uk/media/41660/Balhousie-Primary-School-Option-Appraisals/pdf/BALHOUSIE_OPTION_APPRAISAL)

Colour postcard of the Northern District School in 1908 <https://twitter.com/CPKArchives/status/1633078355082739713/photo/1>

Historic Environment Scotland Listing Entry for Northern District School <http://portal.historicenvironment.scot/designation/LB39344>

Dictionary of Scottish Architects Entry for G P K Young [https://www.scottisharchitects.org.uk/architect\\_full.php?id=204618](https://www.scottisharchitects.org.uk/architect_full.php?id=204618)

Cartographic Sources (<http://www.nls.uk/maps>)

### **Ordnance Survey Maps**

1932 25inch 2<sup>nd</sup> and later editions 1892-1949 Perth and Clackmannanshire XCVIII.1  
<https://maps.nls.uk/view/82899270>

## **Appendix 1**

**Perth and Kinross Archives (A K Bell Library, York Place, Perth, PH2 8EP)**

**Northern District School Plans (Dean of Guild Archive E/MP/P/115)**

December 1907 – Building sections for school

December 1907 – Janitors House, Boundary walls and school latrines

December 1907 – External elevation drawings for school (North, East and West)

December 1907 – External elevation drawings for school (South) and Internal section

December 1907 – Ground Floor plan of School

December 1907 – Mezzanine floor plan of school

December 1907 – First floor plan for school

December 1907 – Roof plan for school

August 1917 – External drainage renewal plan for school

1959 – Recast of electrical system for school (Four plans)

1959 – Site Plan

21<sup>st</sup> June 1943 – Two plans of prefab units for feeding of school children (Kitchen and Dining Area)

## Illustration List

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Illustration 3 – Balhousie Primary School as shown on the 1932 25-inch Ordnance Survey map (© Trustees of the National Library of Scotland).

Illustration 4 – Ground plan of Balhousie Primary School dated 1917 (© Perth and Kinross Archives E/MP/P/115).

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Illustration 11 – East facing elevation of Balhousie Primary School.

Illustration 12- Original architects drawing of East facing elevation of Balhousie Primary School (© Perth and Kinross Archives E/MP/P/115).

Illustration 13- Ground floor and mezzanine floor as labelled for survey (Upper plan based on one in Perth and Kinross Council Options Appraisal Report Appendix A 2015).

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Illustration 32- Doorway from Lobby (5) into Hall (7).

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Illustration 37- Ventilation control (brass) in internal South facing elevation of Staff Room (6).

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Illustration 52- Internal East facing elevation of Classroom (12) showing blackboard and half-timbered wall.

Illustration 53- Glazed windows in internal North facing elevation of Classroom (12).

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Illustration 60 - Internal South facing elevation of Classroom (13) showing doorway with glazed window above and half-timbered panelling on wall.

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Illustration 126 – Roof ventilator at Eastern end of building, red arrow indicates weather van in the shape of a dragon.

## Discovery &amp; Excavation in Scotland Entry

LOCAL AUTHORITY:	Perth and Kinross
PROJECT TITLE/SITE NAME:	Balhousesie Primary School (former Northern District School), Perth
PROJECT CODE:	BHO01
PARISH:	Perth
NAME OF CONTRIBUTOR(S):	Derek Hall
NAME OF ORGANISATIONS:	Derek Hall, archaeologist, and ceramic specialist
TYPE(S) OF PROJECT:	Standing Building Record
CANMORE ID:	158919, 297621
SITE/MONUMENT TYPE(S):	Primary School
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NO 11105 24451
START DATE	6 <sup>th</sup> May 2023
END DATE	6 <sup>th</sup> May 2023
PREVIOUS WORK (incl. <i>DES</i> ref.)	None
MAIN (NARRATIVE)	A Basic Level building survey using photographs and written descriptions was carried out on Balhousesie Primary School in Perth prior to its conversion into flats. Elements of the original 1908 school were recorded including the original ventilation system, folding internal divisions and plasterwork and moulding in the hall.
PROPOSED FUTURE WORK:	None
SPONSOR OR FUNDING BODY:	Perth and Kinross Council
CAPTIONS FOR ILLUSTRS	N/A
ADDRESS OF MAIN ARCHIVE LOCATION (intended)	34 Glenfarg Terrace, Perth, PH2 0AP NMRS
EMAIL ADDRESS:	Derek.hall1@blueyonder.co.uk

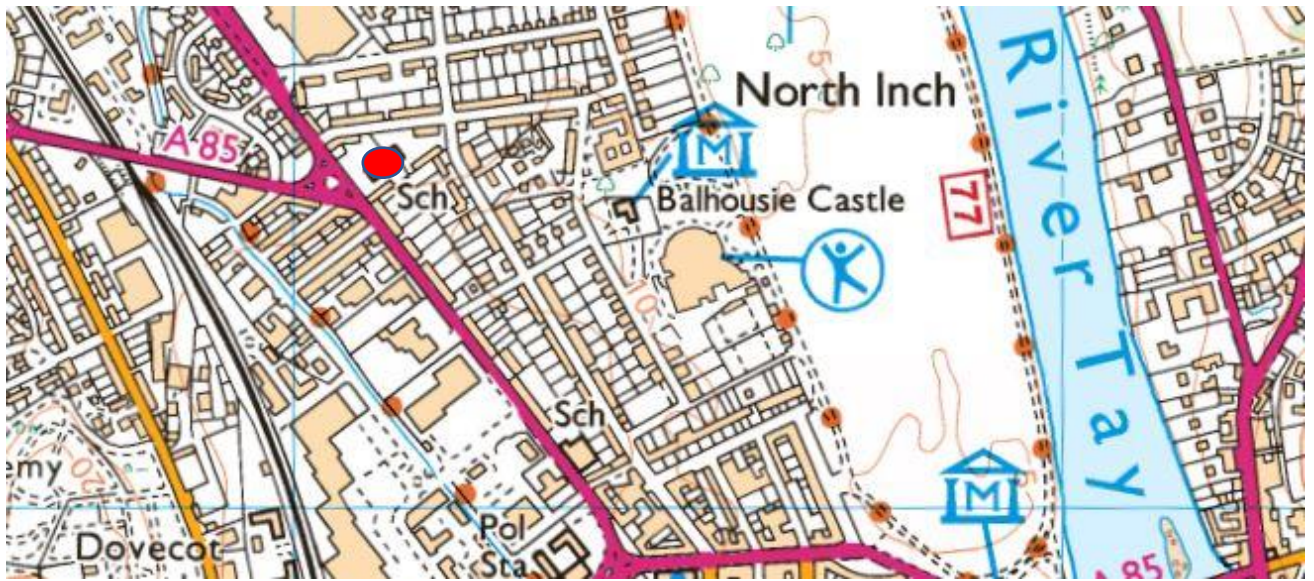


Illustration 1- Location of Balhousie Primary School (red dot) (based on Ordnance Survey map Crown Copyright 2020. All Rights Reserved. Licence number 100060449).

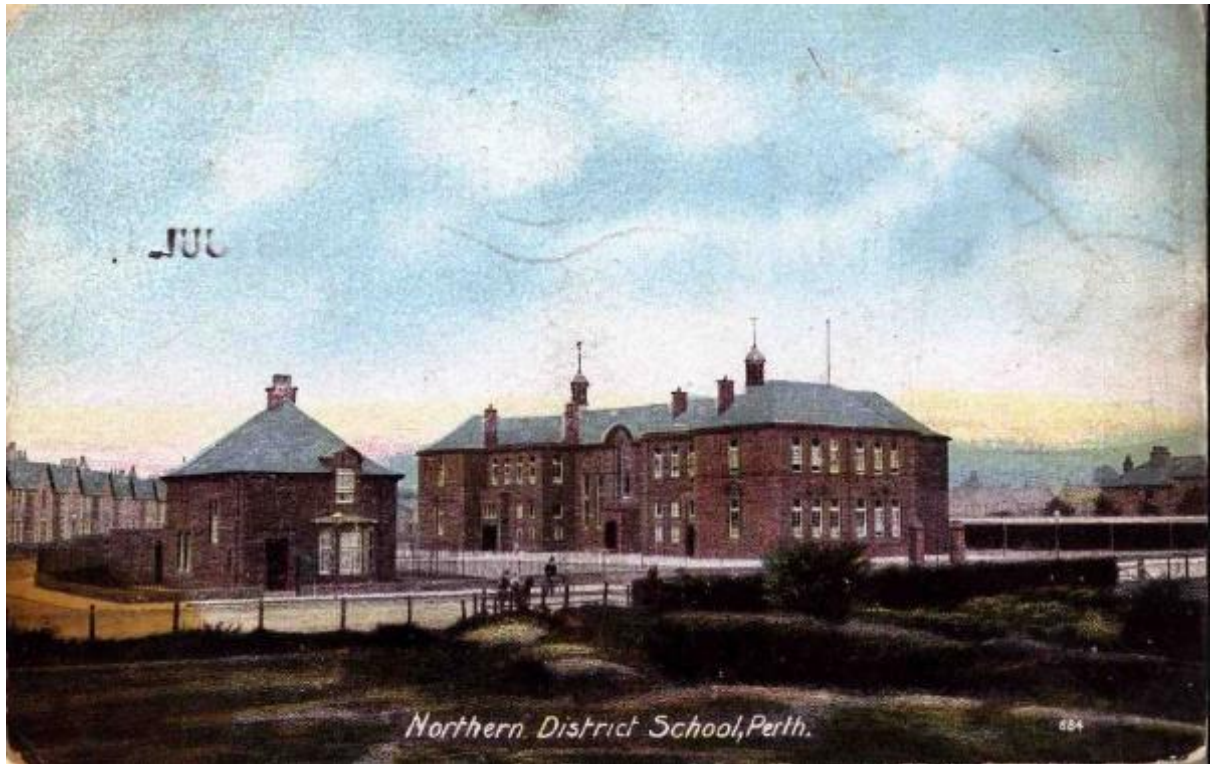


Illustration 2- Colour postcard of the 'Northern District School, Perth' in 1908 (Janitor's House visible in foreground) (© Perth and Kinross Archives)

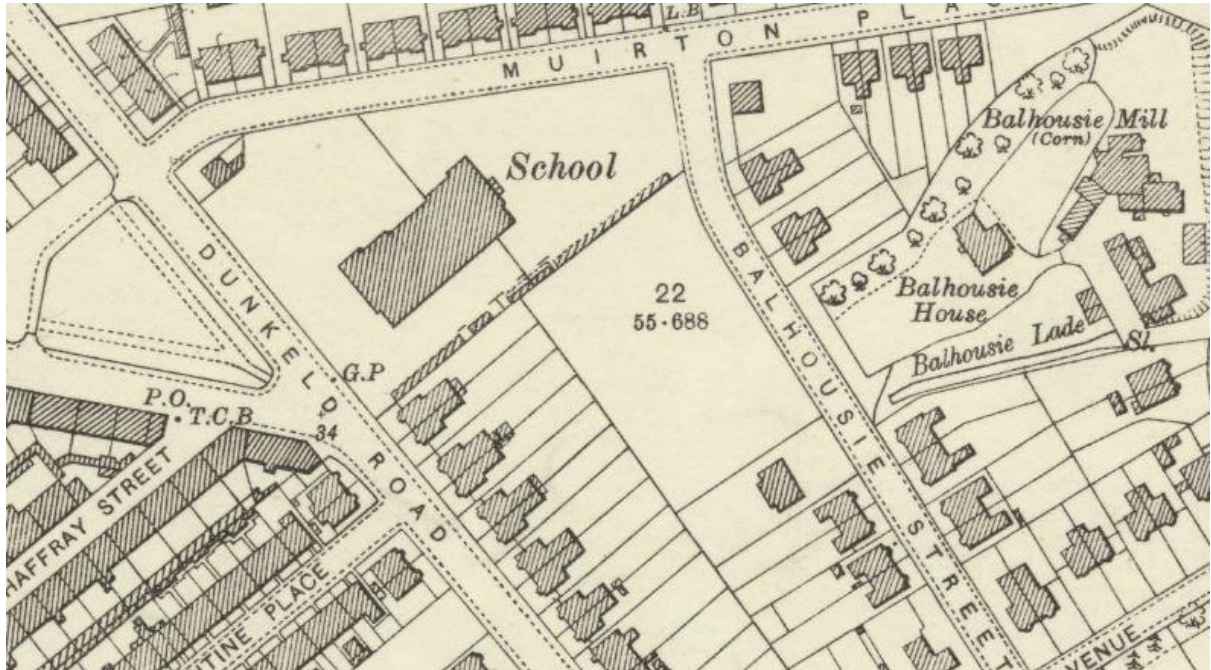


Illustration 3 – Balhousie Primary School as shown on the 1932 25-inch Ordnance Survey map (© Trustees of the National Library of Scotland).

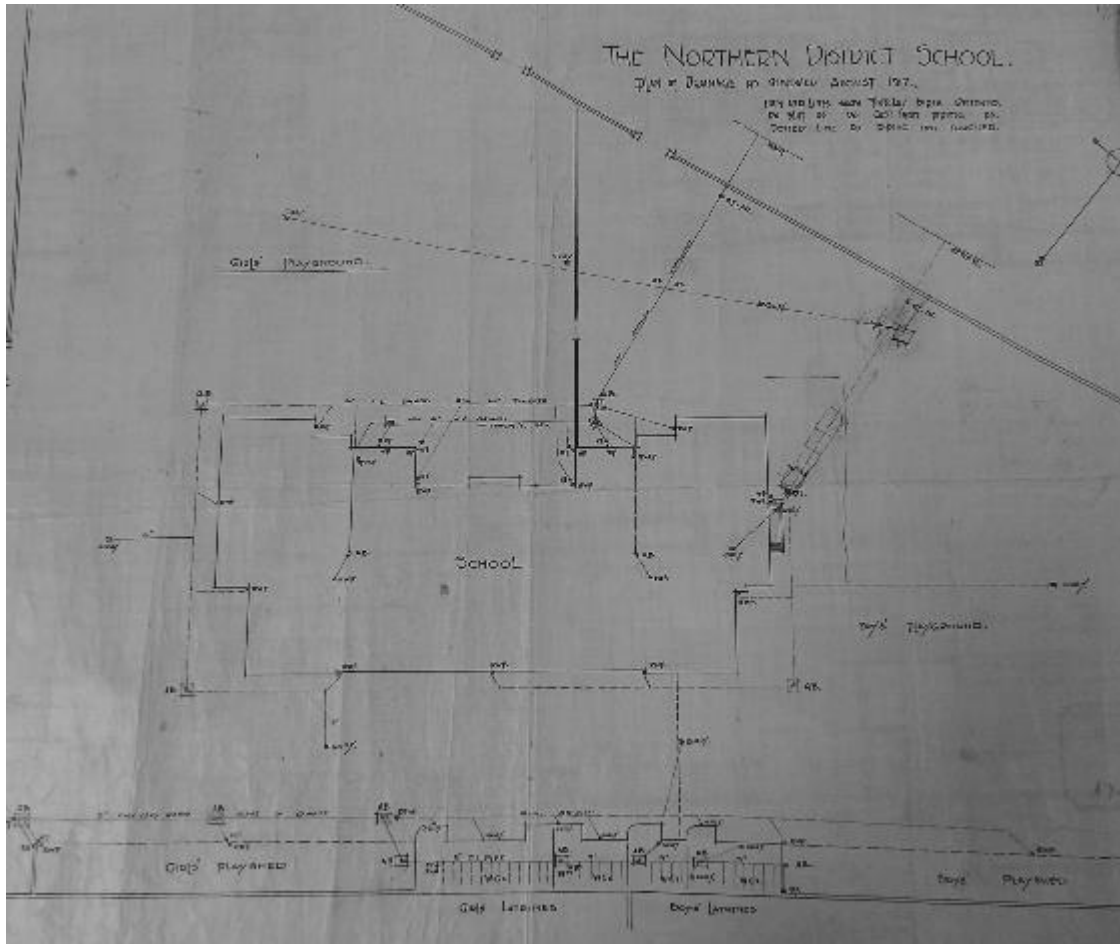


Illustration 4 – Ground plan of Balhousie Primary School dated 1917 (© Perth and Kinross Archives E/MP/P/115).



Illustration 5- North facing external elevation of Balhousie Primary School, top looking South East bottom looking South West (2023).





Illustration 7 – West facing external elevation of Balhousie Primary School, top looking South East bottom looking North East (2023).

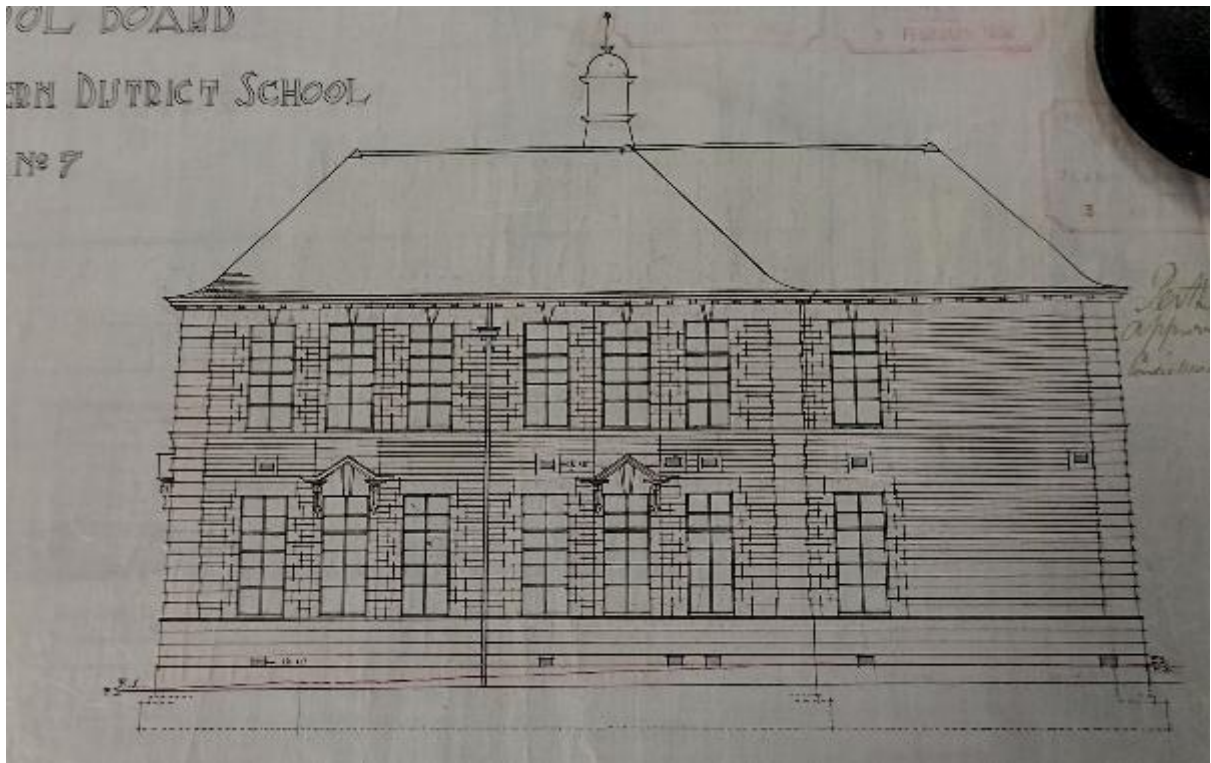


Illustration 8- Original architects drawing of Western elevation of Balhousie Primary School (© Perth and Kinross Archives E/MP/P/115).



Illustration 9 – South facing external elevation of Balhousie Primary School, top looking North East bottom looking North West (2023).

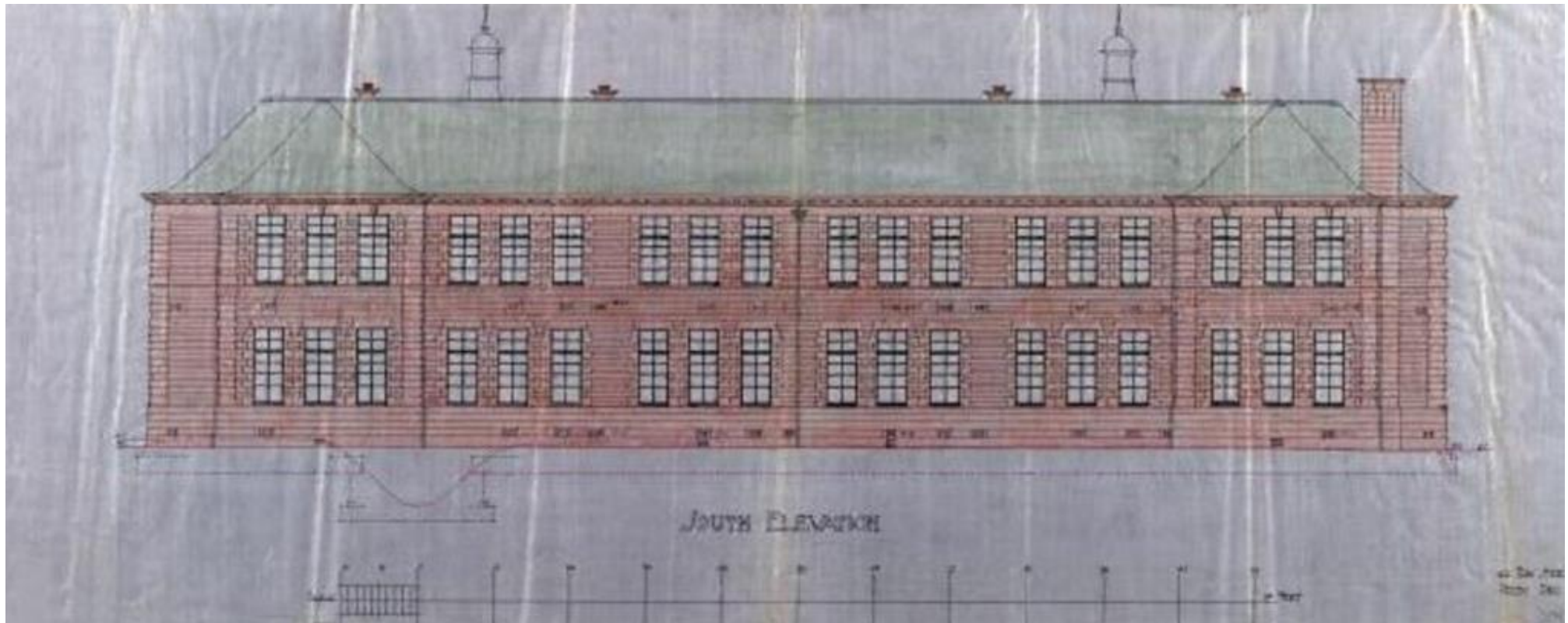


Illustration 10- Original architects drawing of the South facing elevation of Balhousie Primary School (© Perth and Kinross Archives E/MP/P/115).



Illustration 11 – East facing elevation of Balhousie Primary School.

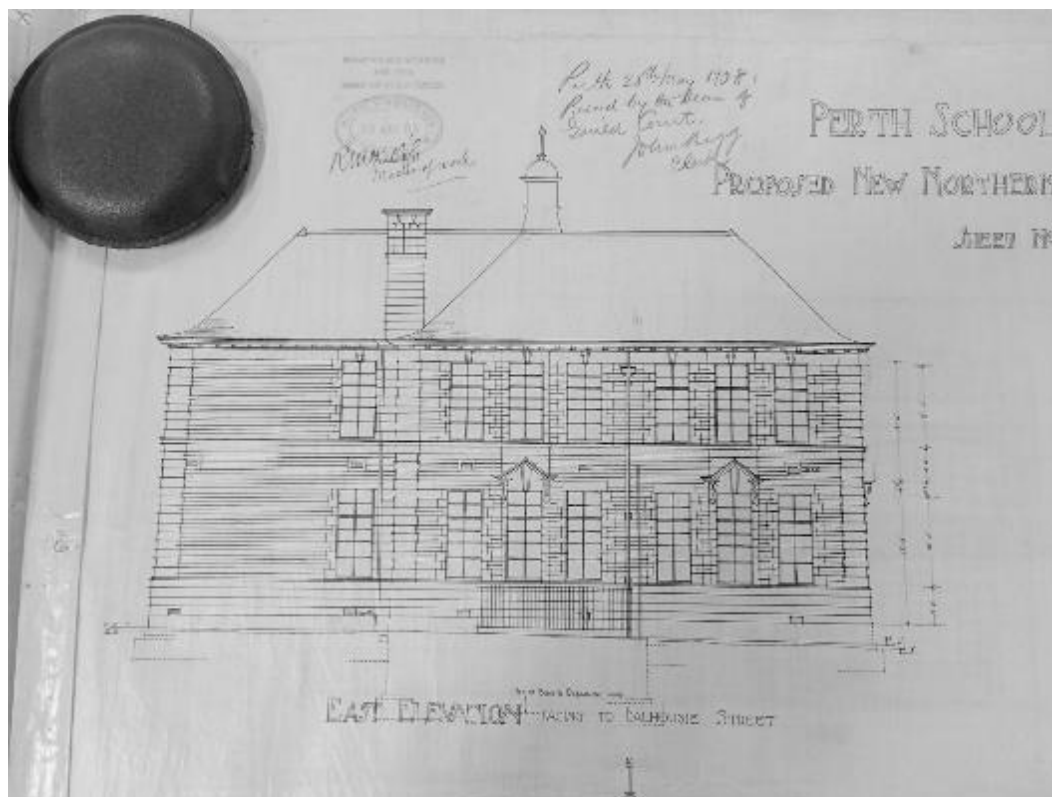


Illustration 12- Original architects drawing of East facing elevation of Balhousie Primary School (© Perth and Kinross Archives E/MP/P/115).

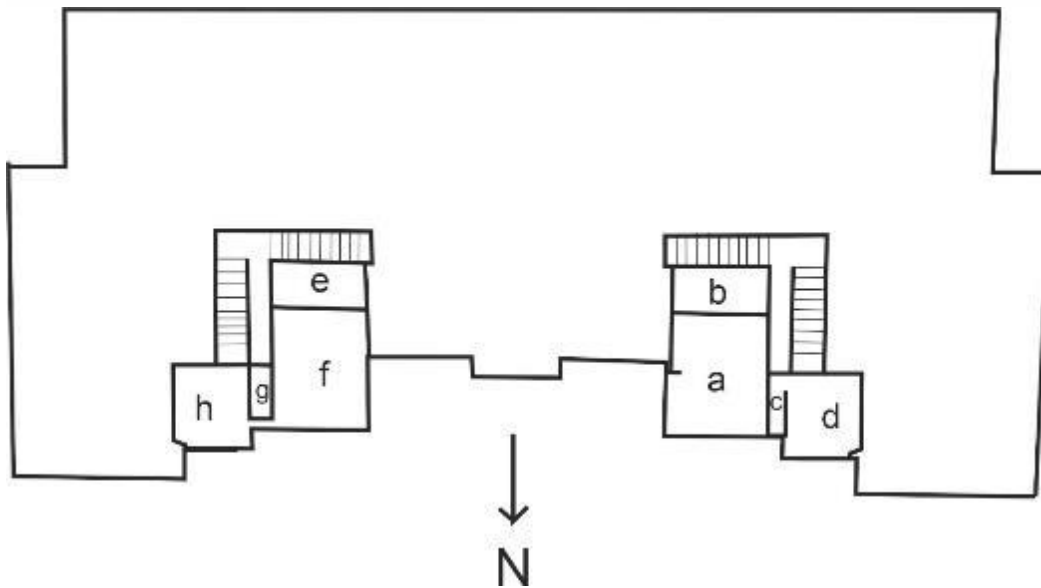
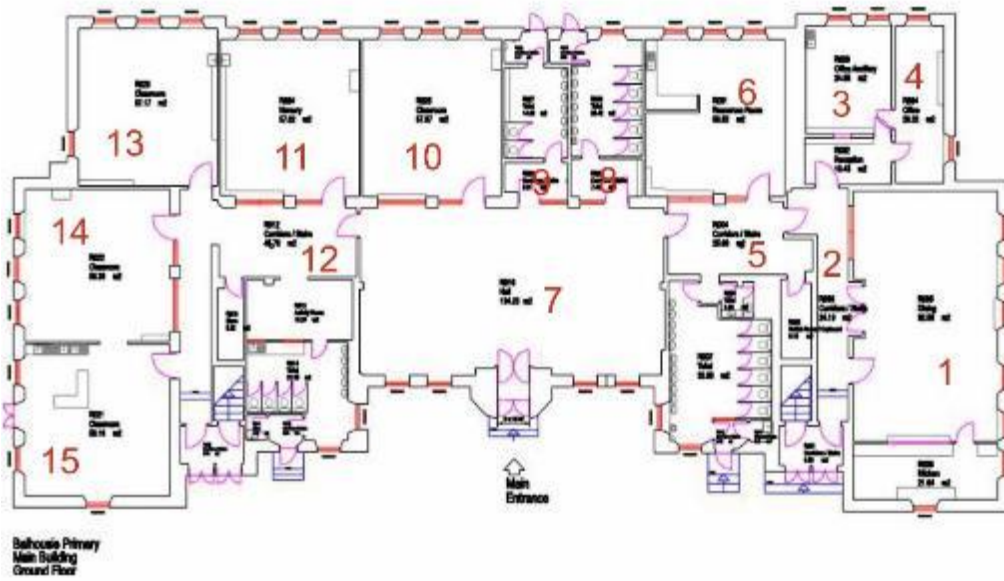


Illustration 13- Ground floor and mezzanine floor as labelled for survey (Upper plan based on one in Perth and Kinross Council Options Appraisal Report Appendix A 2015).

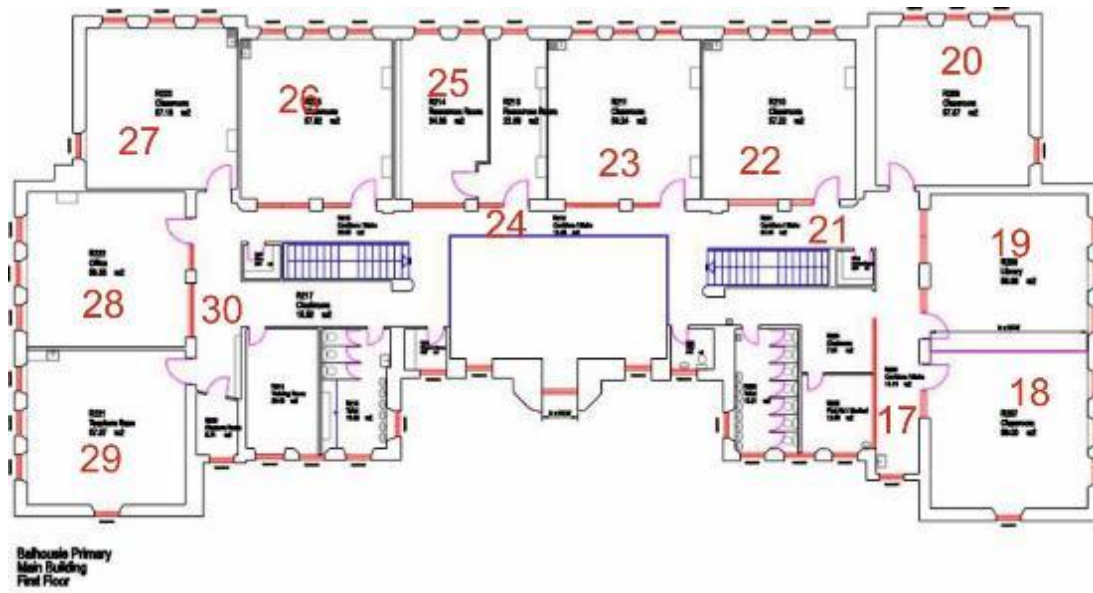


Illustration 14- Upper floor as labelled for survey (plan based on one in Perth and Kinross Council Options Appraisal Report Appendix A 2015).

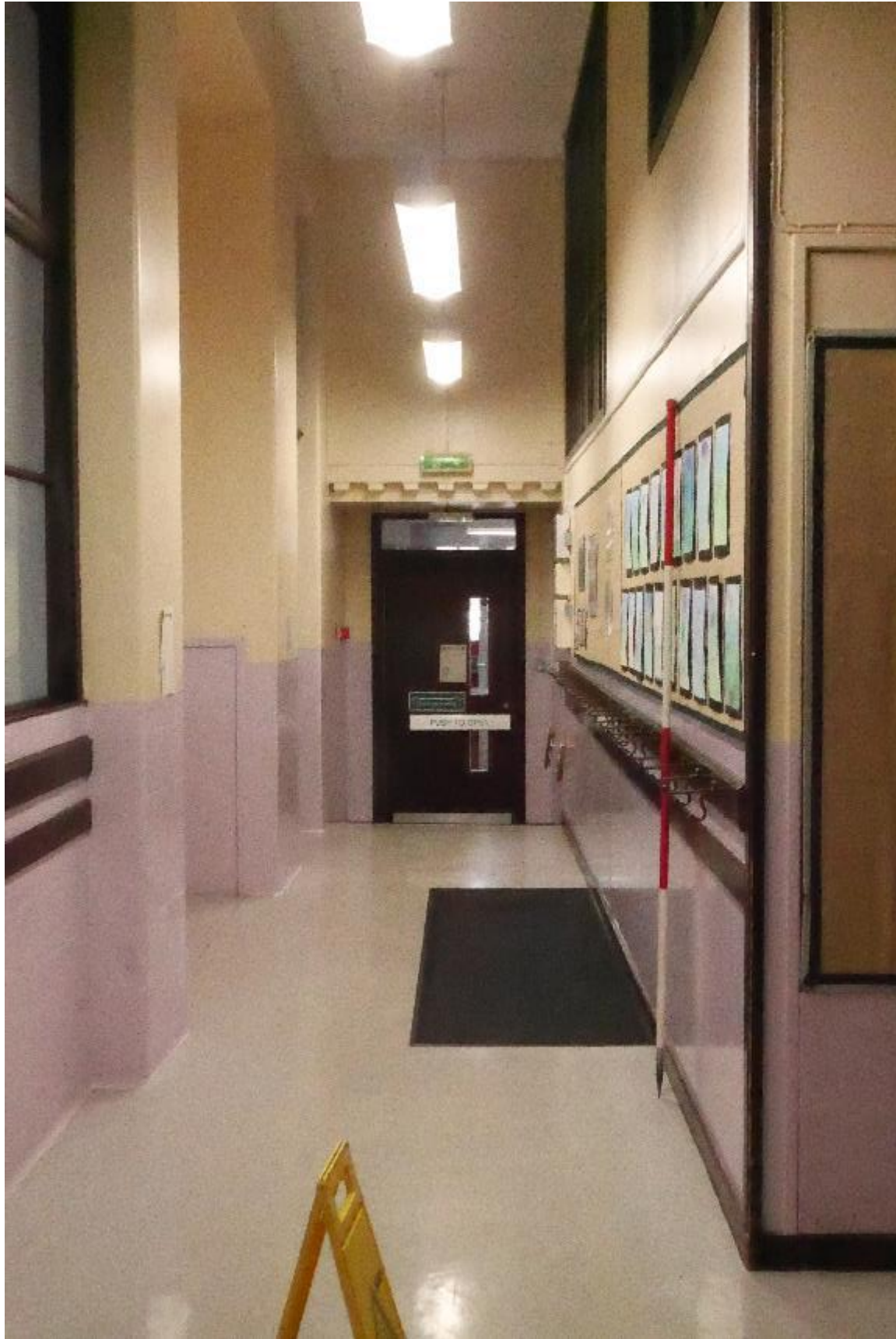


Illustration 15-Corridor (1) at Western end of school building looking towards entrance, wooden coat rack visible on wall to right. Entrance doors into Dining Hall (2) on left.



Illustration 16- timber framed windows in West facing internal elevation of corridor (1).



Illustration 17- Doorways into Dining Room (2).



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Illustration 24- Glazed windows in internal North facing elevation of Office (3).



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Illustration 62- Glazed windows in internal West facing elevation of Classroom (14).



Illustration 63- Internal South facing elevation of Classroom (14) showing doorway into Classroom (15).



Illustration 64- Internal East facing elevation of Classroom (14).



Illustration 65- Internal North facing elevation of Classroom (15) showing doorway into Classroom (14).



Illustration 66 - Glazed windows in internal West facing elevation of Classroom (15).



Illustration 67- Internal South facing elevation of Classroom (15).



Illustration 68- Internal East facing elevation of Classroom (15) showing doorway with glazed window above and half-timbered panelling on wall.



Illustration 69- Corridor outside Classrooms 14, and 15 looking towards entrance door into school.



Illustration 70 - Stairs up to Mezzanine floor level at Western end of building.



Illustration 71- General view of head teachers' office (a), stores (b) and toilets (c) on Mezzanine level at Western end of the building.



Illustration 72- Stores (b) on Mezzanine floor level at the Western end of the building.



Illustration 73- Internal South facing elevation of Head teachers' office (a) showing glazed windows.



Illustration 74- Internal North facing elevation of Head teachers' office (a).



Illustration 75- Internal South facing elevation of the School Office (d) showing glazed windows.

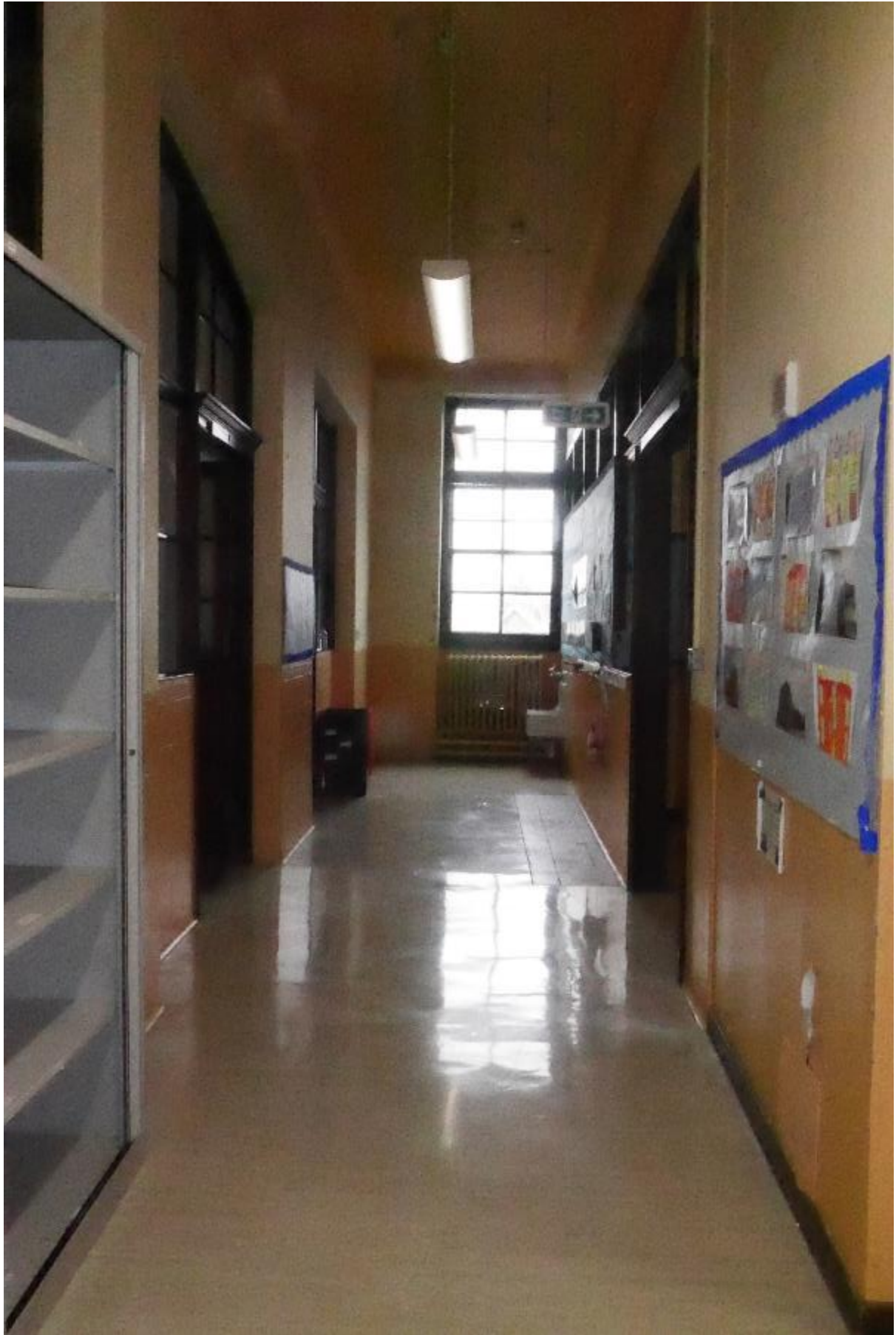


Illustration 76- Corridor (17) providing access to Classrooms 18, 19, 20 looking North.



Illustration 77- South facing internal elevation of Classroom (18) showing glazed window and half-timbered planked wall.



Illustration 78- Internal East facing elevation of classroom (18) showing glazed windows and half-timbered planked wall.



Illustration 79- Fitted cupboard with drawers in internal East facing elevation of Classroom (18).



Illustration 80- Internal North facing elevation of Classroom (18) showing original folding dividing wall.



Illustration 81- Internal West facing elevation of Classroom (18) showing doorway surrounded by glazed windows and half-timbered planked wall.



Illustration 82- Internal South facing elevation of Classroom (19) showing original folding dividing wall.



Illustration 83- Internal East facing elevation of Classroom (19) showing glazed windows and half-timbered planked wall.



Illustration 84- Internal North facing elevation of Classroom (19).



Illustration 85- Internal West facing elevation of Classroom (19) showing low arched glazed windows, doorway and half-timbered planked wall.



Illustration 86- Internal South facing elevation of Classroom (20) showing doorway and half-timbered planked wall.



Illustration 87- Internal East facing elevation of Classroom (20) showing glazed window and half-timbered planked wall.



Illustration 88- Internal North facing elevation of Classroom (20) showing glazed windows and half-timbered planked wall.



Illustration 89- Internal West facing elevation of Classroom (20) showing half-timbered planked wall.



Illustration 90 - Access to lobby (21) showing entrance to toilets and first aid room. Red arrow indicates ventilation controls.



Illustration 91 - Ventilation controls (brass) in lobby (21).



Illustration 92 - Internal West facing elevation of Classroom (22) showing original folding dividing wall.



Illustration 93- Internal North facing elevation of Classroom (22) showing glazed windows and half-timbered wall.



Illustration 94- Internal West facing elevation of Classroom (22)



Illustration 95- Internal South facing elevation of Classroom (22) showing low arched glazed windows around doorway.



Illustration 96- Internal East facing elevation of Classroom (23) showing original black board behind whiteboard and half-timbered panelling.



Illustration 97- Internal North facing elevation of Classroom (23) showing glazed windows and half-timbered panelling.



Illustration 98- Internal West facing elevation of Classroom (23) showing half-timbered planked wall.



Illustration 99- Internal South facing elevation of Classroom (23) showing low arched glazed windows around doorway.



Illustration 100- Upper floor (24) looking towards balustrade above Hall (7).



Illustration 101- General view of balustrade for balcony (24) on upper floor above Hall (7).



Illustration 102 - Internal East facing elevation of Classroom (25).



Illustration 103- General view of Classroom (25) looking towards glazed windows in internal North facing elevation.

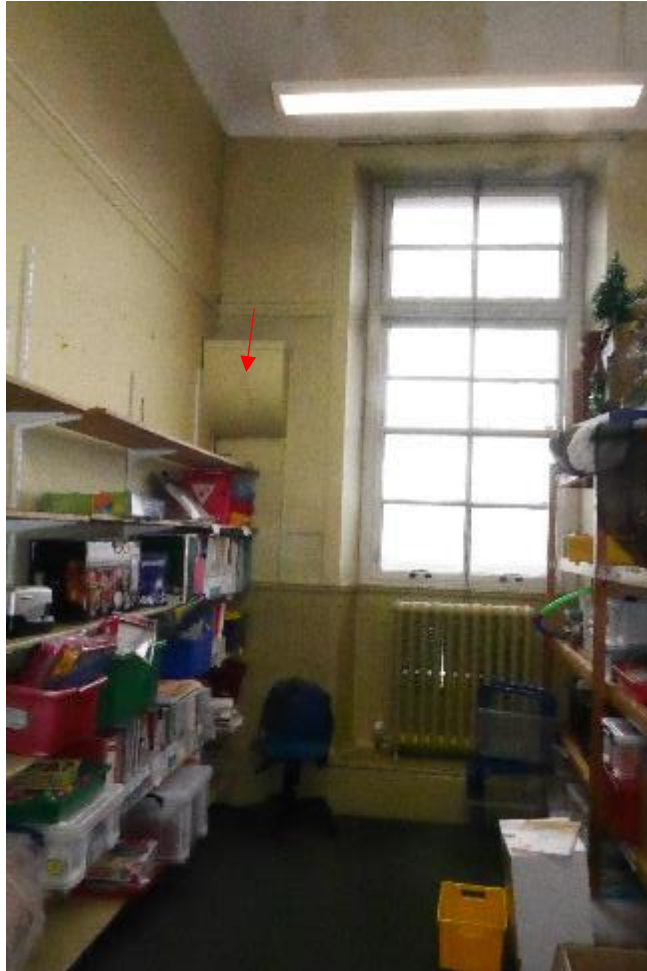


Illustration 104- Internal West facing elevation of Classroom (25). Part of ventilation system visible on wall face at red arrow.



Illustration 105- Internal South facing elevation of Classroom (25) showing low arched windows and half-timbered planked wall.



Illustration 106- Internal East facing elevation of Classroom (26)



Illustration 107- Internal North facing elevation of Classroom (26) showing glazed windows and half-timbered wall.



Illustration 108- Internal West facing elevation of Classroom (26) showing half-timbered planked wall.



Illustration 109- Internal South facing elevation of Classroom (26) showing low arched windows around doorway.



Illustration 110- Internal East facing elevation of Classroom (27) showing half-timbered planked wall.



Illustration 111- Internal North facing elevation of Classroom (27) showing glazed windows and half-timbered planked wall.



Illustration 112- Internal West facing elevation of Classroom (27) showing glazed window and half-timbered planked wall.



Illustration 113- Internal South facing elevation of Classroom (27) showing glazed windows around doorway.



Illustration 114- Internal North facing elevation of Classroom (28), original wooden blackboard behind whiteboard.



Illustration 115- Internal West facing elevation of Classroom (28) showing glazed windows and half-timbered planked wall.



Illustration 116- Internal South facing elevation of Classroom (28) showing half-timbered planked wall.



Illustration 117- Internal East facing elevation of Classroom (28) showing low arched glazed windows and doorway.



Illustration 118- Internal North facing elevation of Classroom (29), original wooden blackboard behind whiteboard.



Illustration 119- Internal West facing elevation of Classroom (29) showing glazed windows.



Illustration 120- Internal South facing elevation of Classroom (29).



Illustration 121- Internal East facing elevation of Classroom (29).



Illustration 122- Stairs down (30) to Mezzanine floor on Eastern side of school.

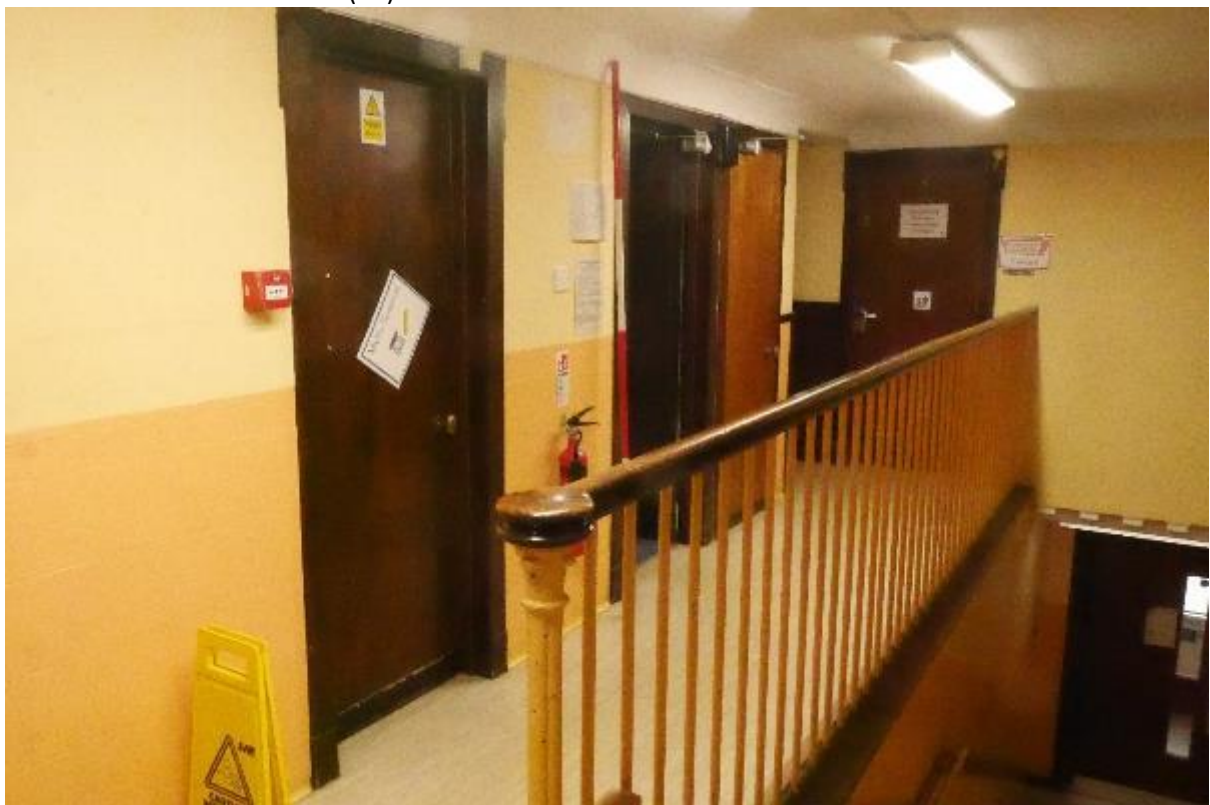


Illustration 123- General view of doors on mezzanine at Eastern side of school leading into a store (e), the Maths resource room (f) and the toilets (h).



Illustration 124- Interior of the Maths resource room (f) showing glazed windows in the South and West facing elevations.



Illustration 125- Interior of child support room (h) showing glazed windows in South facing elevation.



Illustration 126 – Roof ventilator at Eastern end of building, red arrow indicates weather van in the shape of a dragon.

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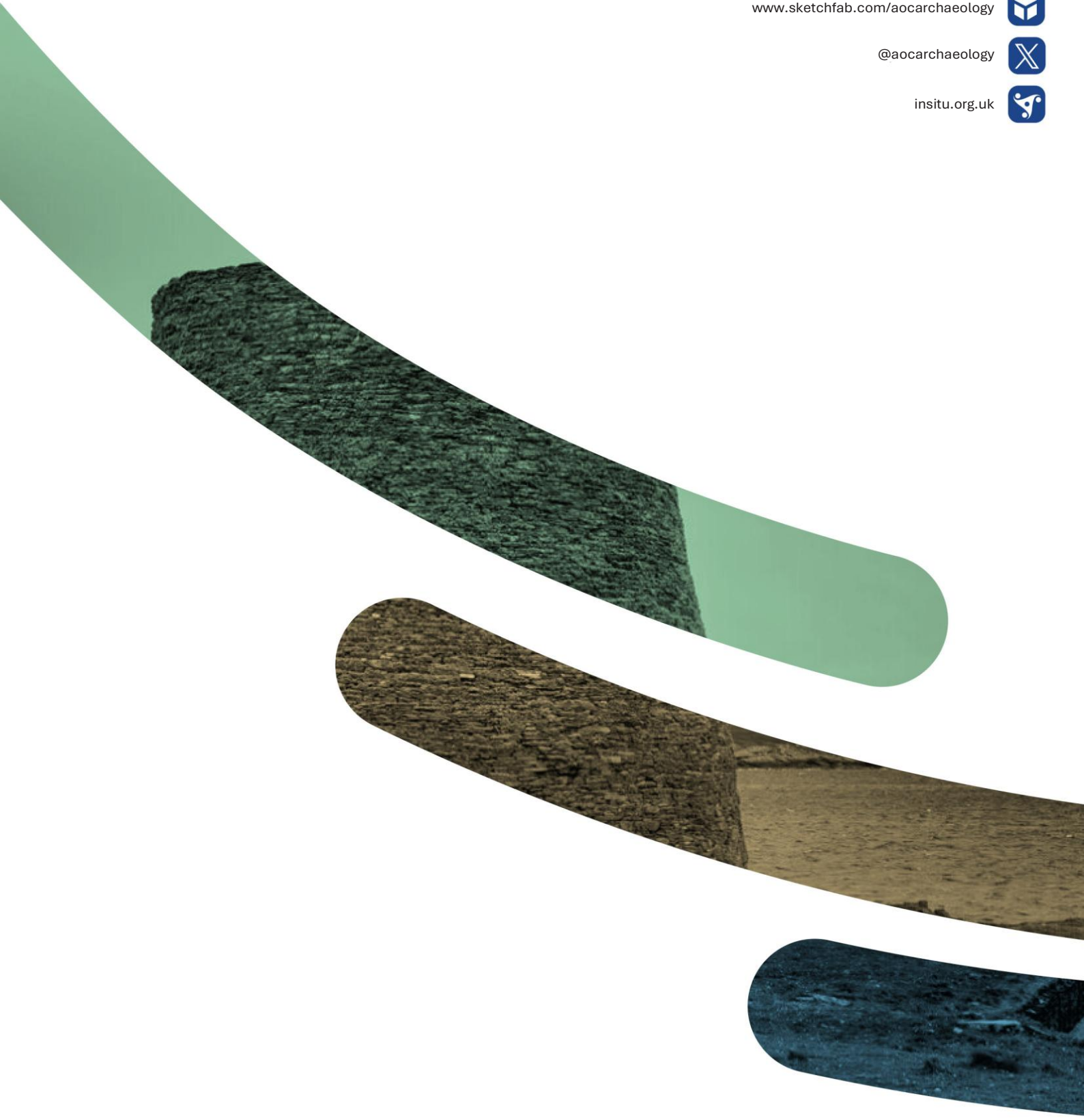
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