

Archaeological Standing Building Survey  
Caledonian Road Primary School  
Perth  
PERTH & KINROSS  
PE57



**Alder Archaeology Ltd**  
**55 SOUTH METHVEN STREET**  
**PERTH PH1 5NX**  
Tel: 01738 622393  
Fax: 01738 631626  
Director@AlderArchaeology.co.uk

**ARCHAEOLOGICAL STANDING  
BUILDING SURVEY  
CALEDONIAN ROAD SCHOOL  
PERTH  
PE57**

<i>1</i>	<i>Background.....</i>	<i>1</i>
<i>2</i>	<i>Details of Work.....</i>	<i>1</i>
<i>3</i>	<i>Conclusions and Recommendations .....</i>	<i>11</i>
<i>Appendix 1</i>	<i>Photographic Register .....</i>	<i>12</i>
<i>Appendix 2</i>	<i>Discovery &amp; Excavation in Scotland Entry .....</i>	<i>34</i>
<i>Appendix 3</i>	<i>Standard Terms of Reference for all Fieldwork .....</i>	<i>36</i>

*Illustration 1: Site location plan*

*Illustration 2: Caledonian Road School, site layout*

**Author** Chris Fyles, MA  
**Illustrator** Chris Fyles, MA  
**Editor** David Bowler, BA, M Phil, FSA Scot, MifA

## ***ABSTRACT***

*Caledonia Housing Association commissioned Alder Archaeology to undertake an archaeological standing building survey on the site of a building conversion at the former Caledonian Road Primary School in Perth. The proposed development area is a three-storey school building built in 1892, with associated annexe dating from 1900, centred on NGR NO 11289 23400. The work (site code PE57) was undertaken during the period 20<sup>th</sup> – 21<sup>st</sup> April, 2015 in bright weather conditions. The requirement was a Level 2 building survey (English Heritage specification), comprising full photographic survey of the exterior and interior, together with descriptive text and basic site plan.*

## **1 Background**

### **1.1 Introduction**

Caledonia Housing Association commissioned Alder Archaeology to undertake an archaeological standing building survey on the site of a building conversion at the former Caledonian Road Primary School in Perth. The proposed development area is a Victorian three-storey school building, with associated annexe, centred on NGR NO 11289 23400. The work (site code PE57) was undertaken during the period 20<sup>th</sup> – 21<sup>st</sup> April, 2015 in bright weather conditions. The requirement was a Level 2 building survey (English Heritage stipulation). Special attention was to be paid to the current condition and nature of the building fabric, construction and development phases, internal fixtures and fittings and features of particular architectural or historical interest.

The work was designed to satisfy the archaeological condition on development application reference 14/01944/FLL.

### **1.2 Aims and Objectives**

The main aim of this investigation was to create a full photographic and descriptive architectural and archaeological record of the nature and condition of the building prior to commencement of its proposed conversion to dwelling flats.

### **1.3 Reporting**

The present document has been prepared as the final report on this standing building survey. Copies will be sent to the client, The Royal Commission on the Ancient and Historical Monuments of Scotland and Perth & Kinross Historic Environment Record.

### **1.4 Planning and Curatorial Issues**

This standing building survey is designed to satisfy the outstanding archaeological condition on the planning consent for this development.

### **1.5 Acknowledgements**

We wish to thank Steven Johnston of Caledonia Housing Association for their assistance and guidance throughout this project. Caledonia Housing Association funded this survey.

## **2 Details of Work**

### **2.1 The Site (Illus 1)**

The former school is a three-storey symmetrical “Queen Anne-style” building on a rectangular plan, occupying a site close to Perth city centre, at the junction of Caledonian Road and Alexandra Street, with a playground on the north and east sides. The smaller annexe building is situated to the northeast on Kinnoull Causeway. The whole site, including playground, covers an area of approximately 50m (east-west) x 65m (north-south), although an outbuilding and surrounding yard on the north edge of the playground is not within the school grounds.

## 2.2 Archaeological Potential

Caledonian Road Primary school was constructed in 1892 on a design by Andrew Heiton Junior, with the first entry in the school logbook dated 9<sup>th</sup> November of that year. An annexe building was added in 1900 and housed the Advanced Department for school leavers (teaching cookery and laundry), equipped with a gym and studio room. So-called Queen Anne style architecture was pioneered in England as a revivalist movement in which light and space played a crucial role in design, an aspect found to be well-suited to the demands of state education in the later nineteenth century. Accordingly, Caledonian Road was constructed with a large internal space illuminated by natural light via a central glass roof and light wells through the first floor, while ventilation was achieved through the use of wall and ceiling hatches accessing the roof via a system of dummy chimneys and adjustable vents. Movement through the school was facilitated by a pair of large, interlocking double-helix staircases, with separate routes for boys and girls. The innovative design and architecturally striking appearance of the school made it a landmark building in the development of Perth and it is today a Category B-listed building (HS ID 50510, listed 29<sup>th</sup> June 2006). Construction materials included red Dumfriesshire sandstone, often used for high quality work [churches, banks, schools] throughout Scotland at this period; rolled mild steel, cast and wrought iron and concrete were all also utilised, making the school notable for incorporating not only radical design but also the latest technology and materials, at a time when engineering capability was a matter of great local and national pride and international competition. The school closed in 2009/10, when pupils and staff were transferred to a new campus off-site. An unusual pattern of subsidence has made the main building unusable as a school, but salvable for other purposes: the masonry external and internal walls, and the metal structures, have all sunk about 0.2 m into underlying soft alluvial sand layers as a single mass, with minimal cracking and distortion, but in the process crushing and deforming floors and light wooden partitions. The process may have been accelerated by vibration from the adjacent Caledonian Railway after which the road and school are named.

## 2.3 Archaeological Method

The Level 2 survey, following English Heritage guidelines, comprised a full photographic record of all main elevations, internal and external, with features of architectural and/or historical interest, together with setting and location for both the main building and the annexe; in addition, a detailed descriptive account was created, noting the nature and character of the building fabric and construction, including constructional and developmental phases; these aspects were also recorded on annotated measured plan and elevation drawings.

## 2.4 Results of Investigations

### *Annexe*

General. This was a two-storey (plus basement) rectangular building with interior central staircase and light well, separating twin barrel-vaulted (hemispherical arched) upper rooms. The ground floor was divided between a street-front (north side) dining hall with attached open-plan kitchen and a rear (south side) toilet and storage block. The basement contained a boiler system which fed cast iron piping of various gauges and radiators dispersed throughout the building. A central lobby area connected north (Kinnoull Causeway) and south (playground) entrance porches and vestibules, with the central stair offset to the west. Door closers were attached to several of the doors, all of

“The Briton” T-shaped design (potentially fitted early in the life of the building, as this type was patented in 1907, but continued to be manufactured throughout the twentieth century). The exterior fabric was of applied stugged and snecked red sandstone on the north and south elevations with roofing of grey slate; as the east elevation and interior wall faces were found to be of red brick, it appeared that the exterior sandstone was a facade. The building adjoined newer housing to the east in Kinnoull Causeway, so was without an east elevation; the west elevation was of bare red brick with the gable end remains of a demolished building at the north end.

The north and south building entrances featured applied decoration: the north (Kinnoull Causeway) entrance, at the west end of the elevation, exterior featured an applied moulded arch facade with decorative keystone above the transom light of the double doors, while at first floor level a frieze of Tuscan columns supported a raised inscription, “ADVANCED DEPARTMENT ANNO D<sup>NI</sup> 1900”. The south (playground) entrance, at the west end of the elevation, featured a moulded porch roof above a cornice extending the full width of the elevation at first floor height; beneath this, the bevelled Roman arch of the doorway, with decorative keystone, was screened to the west by a projecting windbreak wall. A raised inscription above the arch read: “ADVANCED DEPARTMENT COOKERY LAUNDRY”.

### Ground Floor

Entrances and lobby area. Ceramic tiling present throughout both entrance porches, vestibules the lobby area and in the stairwell may have been original Victorian/Edwardian (although apparently re-grouted in places); this covered the dado beneath a rail formed by ridged brown ceramic tiles, below which predominantly cream tiles measuring 6 x 3 inches extended to the moulded wooden skirting board. Both north and south entrance corridors featured barrel vault ceilings beyond Romanesque arches supporting the entrance porches. Raised wooden panelling around the doors may have been original, although the remainder of the woodwork in these areas was replacement (with the possible exception of the doorframes themselves). The entrance arches featured painted plaster moulding, including plain fluted cornices. The ground floor was surfaced with grey concrete throughout. Wall heads were defined by crown moulding below the intrados of the vaulted ceiling.

Dining Hall and Kitchen. The kitchen, opening to the dining hall to the north, exhibited extensive damage to walls and ceiling, apparently resulting in part from damp. An area of ceiling had partially collapsed, revealing the overlying base of the first floor floorboards and joists; this confirmed that the ceiling was of modern plasterboard construction. Modern ceramic tiling was present beneath the windows in the east elevation; the windows themselves included a modern fan vent, but may have represented re-glazed frames (fixed base lattice with inward-opening upper hoppers, brass fittings) rather than being complete replacements. The kitchen furnishings, serving units etc, were of modern stainless steel, aluminium and vinyl construction. No traces of any earlier kitchen installation were apparent. This part of the building, together with the east room of the first floor above (see below), appears to have been a later ancillary addition, in-filling part of the original U-shape plan.

The dining hall room extended east-west along the Kinnoull Causeway street front. It featured a painted concrete floor with traces of adhesive indicating the removal of tiles (possibly linoleum). All four elevations were constructed of painted brick, suggesting

the external building fabric of red sandstone was a facade or cladding. Cast iron hot water pipes extended around the bases of the west, north and east elevations, with the gap on the south elevation being accounted for by the presence of the attached kitchen, which was fronted with modern plywood. The cased entrance accessing the kitchen in the south elevation appeared to be integral to the building, although the kitchen doorframe, door and serving counter were clearly modern. Running along the wall head of the south elevation, a panel board box ventilation gallery extended from wall to wall above a moulded rail which continued across the west and east walls.

Toilet Block. At the rear of the kitchen, this included girls' and boys' toilets, disabled toilet cubicle, a store room and connecting corridor. All had been recently refitted and repainted, although the original brick wall fabric was still largely visible. Metal ventilation lattice grilles were present near the wall heads in the toilet rooms, with cast iron water pipes which were, like the grilles, probably original, although more recent plumbing was also present. Windows were fixed, with inward-opening hoppers and moulded sills; although fitted with modern fan vents and re-glazed, some of the frame woodwork may have been original.

Basement. This was reached via a single flight of twelve concrete steps and comprised a boiler room and side storage room separated by a tongue-and-groove panelled partition wall which featured glass panel windows in the upper portion and was certainly original. The ceiling was supported by steel girder joists, with the floor being poured concrete, in which a cast iron sluice grid was set. The walls were also predominantly of concrete, with the exception of a red brick housing for an oil-tank (iron hatch cover marked "oil" still present), which had been constructed against the original concrete walls in the northeast corner of the boiler room. The boilers were modern and electronically controlled.

Stairs. The stairs led westwards from the central lobby, rising in three flights of 9, 6 and 9 to make a clockwise half-turn via two intermediate landings. The risers were of moulded grey concrete with the bottom riser larger than the rest and with rounded ends. Wrought iron banister railings supported a carved dark wood handrail; all were original to the building. The stairs were situated within a rectangular light well, with wire mesh (wire cast) glass panes (ten in total) filling a metal-framed skylight window above the stairs in a ridged central box. The coved ceiling featured moulded plaster cornices forming a barrel lattice, probably over a wooden frame; the plaster was severely cracked in places. A painted wooden coat hook rail was affixed to the wall on the first floor landing.

First Floor. The first floor plan comprised a central section composed of the stair/light well at the west and a room at the east side separating two long side rooms to north and south which extended the full east-west length of the building. The north and south long rooms both featured hemispherical barrel vault ceilings supported by timber-box-clad bolted metal half hoops (probably of mild steel), four per room and spaced at 3m intervals. The ceilings themselves were tongue-and-groove panelled, with three circular ridge vents in each room, all boarded with plain circular covers.

The north side long room was equipped as a gym, with wooden climbing bars along the south (entrance) wall and iron or steel eyehole hooks affixed to the ceiling, in groups of four along the ridge and to each side. These appeared to have functioned as fittings for climbing ropes, suggesting the room had been equipped as a gym from its inception-

suggesting the wall bars may have been original. The flooring was of pine boards, possibly also original, while the ceiling featured coving at the east and west short sides (which was possibly integral to the design to provide reinforcement to the ceiling). The north elevation featured lattice windows, including a central dormer, which were of late Victorian appearance and, again, probably original (damage from a recent break-in was evident to some panes).

The south side long room appeared to have last been used as an art and drama studio; featuring large south wall windows with a larger-pane lattice than in the gym to maximise natural lighting, with cast iron hot water pipes and three cast iron radiators along the south wall which were certainly early if not original to the building, although no date of manufacture could be discerned (the gym featured modern replacement radiators). As in the gym, the flooring was of bare pine boards. Unlike the gym, the ceiling featured no coving, with the perpendicular east and west short sides each being reinforced by an additional timber-clad metal hoop; the ceiling supports in the studio featured moulded dummy keystone ornaments, which in the gym were used as mounts for the rope fittings along the ridge.

The smaller room at the east end of the building, between the two long rooms, had been extensively refitted with modern plasterboard panelling and furniture, but original brickwork was visible in the west elevation only; this supported the interpretation of this section of the building as being of later construction against an existing rear wall. The triple east windows (lattice, fixed base, inward-opening upper hoppers with brass fittings) may have been original to this extension, albeit including some replacement glass. Moulded dado rails were present on the west and north elevations, proximate to the two doors accessing the room, but did not extend fully across either wall.

### *Main Building*

General and external elevations. The external building fabric was squared and snecked red sandstone, with ashlar quoins and window casings, with roofing of grey slate. The symmetrical rectangular plan featured two entrances, one to the east from the playground, with the western entrance facing Caledonian Road. Both entrances featured carved pediments on Tuscan columns framing central porticos, with the western entrance including a carved embossed coat of arms within the pediment, the eastern (playground) entrance being somewhat plainer in style. Advanced Dutch gable ends stood at the east and west corners of both north and south long sides, with a four bay central section; both east and west entrances were crowned by a Dutch gable over a three-bay advanced section incorporating the pediment and portico, while the corners were recessed and topped by smaller wallhead gables, also in the Dutch style. Dummy chimney stacks of ashlar sandstone distributed along the roof masked external vents as part of the integral ventilation system within the school, while the central glass roof, originally incorporating adjustable skylights, was not visible from ground level. The wall fabric was in general in good condition, with little obvious weathering.

Ancillary structures and fittings. Two later fire escapes, of steel frame construction, extended across the southern part of the east elevation and northern part of the west elevation (ie, at diagonally opposite corners of the building). Around the perimeter of the site, while the north (Kinnoull Causeway) fence was of modern build, original wrought iron railings, set into rounded stone, in floriated style with finials (alternately spiked and volute) survived along the Alexandra Street and Caledonian Road stretches of the boundary. In the southeast corner of the playground stood a verandah-type



shelter, which although extended to the north with modern brick and wire cage, incorporated a core of cast iron pillars and tongue-and-groove panelling which was certainly of early date, if not actually original to the school. A later (possibly early post-war) outdoor toilet block adjoined the south end of the shelter.

Interior, Ground Floor. Both east and west entrances fed into vestibules enclosed with internal porch entrances within wooden partition walls incorporating reception hatches, which in turn accessed a central lobby area within a double-height atrium, containing a pair of interlocking double-helix staircases (see below). Both entrance vestibules and central lobby featured ceramic tiling from ground level (or 0.39m above this at doorways and cased entrances) up to a height of 1.15m, abutting a moulded plaster dado rail, with the remainder of the wall faces being surfaced with painted plaster. The tiles were larger than those noted in the annexe, measuring 6 inches square, and of a lighter cream colour. The main vestibule doors in both entrances were original, within moulded wooden frames, while the inner “airlock” doors were later additions; the western porch (Caledonian Road main entrance) had been further extended inwards from the original line with the addition of a reception cabin, which in turn had been more recently incorporated into a modern security screen. Both vestibules featured barrel vault ceilings with end arches and were set within a symmetrical triple arch entrance facade that was replicated at first floor level and mirrored by mezzanine facades at second-floor level (see below). At each entrance, the wooden porches blocked the central arch, while the side arches incorporated entrances to rooms flanking the entrance.

North and south “ranges” opened to either side of the entrances. On the north side, immediately beyond the lobby entrance stood a toilet room, internally subdivided by a later partition, but featuring an original arched fixed window with upper hopper. Occupying the northeast corner was a single large classroom, featuring double tongue-and-groove wainscoting and separated from an adjoining cloakroom by an original floor-to-ceiling partition screen with glass-panelled upper section. The cloakroom featured heated pipes in a central vertical lattice with coat hooks attached (all original features) with end wash basins later replacements of original sinks, enclosed within a modern wood-faced box unit. A second partition with later boarding blocking a through-door separated the cloakroom from a central classroom, with a third partition dividing this from a west-end cloakroom, identically equipped to the first noted. All these partitions included double tongue and groove panelling from floor to between 1.22m- 1.37m height (the difference partly due to excessive warping of the floors noted in several rooms) and glazed upper sections aiding natural illumination of the rooms. The central classroom, in which the wainscoting continued, featured small cast iron radiators against the north elevation which may have been original and were certainly of early type, although no date of manufacture could be identified.

The northwest corner of the building was occupied by an office and secretaries’ room, both featuring wainscot panelling as in the rest of the floor, the latter featuring a modern partition wall and counter dividing it from an access corridor; the wall dividing the two offices also appeared to be modern, as the wainscoting ceased on this wall, suggesting the two rooms had originally been one corner room mirroring that at the opposite end of the suite. Continuing the general symmetry of the layout, toilets occupied the space north of the entrance. The north elevation windows in each room were largely original, with wooden frames, fixed bottom lattices and upper hoppers

with brass fittings. Cast iron radiators and hot water pipes were present in all rooms barring the toilets.

The south “range” was almost entirely occupied by a single large room, with the exception of the northwest corner, partitioned off by a concertina screen to form an end room. The screen was contained within a cased opening, with the ceiling moulding in the main room respecting this and suggesting an original feature conforming to a scheme utilising movable screens to convert the space into two or three rooms from one. It was noted that the corresponding area at the east end of the main room was similarly demarcated by a cased opening from which a screen had clearly been removed; a change in ceiling decoration was also noted here. It is likely that the main room was conceived as an assembly hall, which could be adapted for use as a teaching space. The entirety of the extended south room space featured original double tongue-and-groove dado wainscoting; this had later been cut to allow the insertion of a third partition wall, converting the space into four rooms. This later feature had subsequently been removed, leaving traces of its presence on the wall faces around the centre line of the main assembly hall room. The main room and end room featured crown and ceiling moulding, defining three discrete rectangular spaces. The windows were original, of the same general type as elsewhere in the building (fixed base lattice, inward-opening upper hopper). The space between the southwest corner room and the west entrance was occupied by a janitors’ office (wainscoted, cast iron radiator) with original fixed window and hopper.

Both the north and south suites of rooms featured rectangular vents with covering hatches just beneath the head of the inner long wall (ie, north elevation in the south range, south elevation in the north). These were part of a ventilation system in which shafts fed from the ground to the roof, opening at the dummy chimney stacks.

Basement. As in the annexe, this was constructed with largely concrete walls and was accessed via a flight of concrete steps housed in a wood-faced cabin beneath the north base of the main stairs (east-feeding stair, see below); in this case, the steps led to a short entrance corridor with a small store room in the right-hand (north side) wall. The corridor accessed a central workshop or storeroom, with two side storage rooms to the left (south); all were concrete-walled, with the inner (north) wall and internal partition of the side rooms being of whitewashed red brick. Door frames were plain, with replacement doors. To the west of the main room, a doorway accessed an end boiler room contained modern “Clyde Combustion” boilers with new valves added onto older pipes, including cast iron pipes (the absence of fireplaces and chimneys in the building indicated it had been originally constructed with a boiler-based heating system). The northeast corner of the boiler room contained a brick-built unit housing an oil tank, with steel plate hatch and cover. A low red-brick partition wall (not extending to ceiling height) formed an inner (south) wall of the boiler room, protecting cast iron pipes (possibly original) which lay behind it.

Main Stairs. The first floor was accessed via interlocking rectangular right-hand spiral double helix staircases constructed of steel slats (visible in the ceiling of the basement stairs, see below) on a supporting structure of white-painted circular cast iron pillars joined to the red painted iron or steel frame via round-headed bolts with square nuts. Wooden risers were grouped in sets of nine, with intervening rectangular landings, four sets in all per staircase making a half-turn; one staircase entered and exited from the east end of the building, the other from the west. Originally, one staircase was reserved

for girls, the other for boys, in order to segregate movement through the building to and from classrooms. To judge from the location of the first floor toilets (see below), the west stairs were for girls, the east for boys. The staircases were set within a well that also allowed sunlight into the ground floor space via a glass roof (see below) and wells built into west and east ends of the first floor landing. They formed a striking centre-piece of the building and combined advanced Victorian construction techniques and materials with an efficient use of space intended to maximise natural light and facilitate movement. The risers were surfaced with linoleum, while each staircase included decorative wrought iron balusters supporting carved wooden handrails, the balusters grouped in alternating pairs of wavy or straight rods.

First Floor. The first floor landing area was faced at east and west ends by triple arches, as a second tier directly over those on the ground floor, defined by moulded haunches, keystones and imposts over applied-plaster piers, with north and south arches at each end containing ancillary rooms and the central arch stairs to the second floor. The southeast and southwest rooms adjacent to the second floor stairs were open-fronted cloakrooms, with tiled walls, original iron heating pipes (later replacement valves and stopcocks in some cases) and end wash basins (later replacements). The northeast and northwest rooms adjacent to the stairs were enclosed toilets, with gents/boys at the east end and ladies/girls at the west. Both rooms had been extensively refitted with modern materials and facilities.

Two metres in advance (inwards) of each triple arch wall facade, a verandah screen of two cast iron pillars (forming three arches with corresponding rises), aligned with the piers of the wall arches, supported a mezzanine corridor running between the north and south long sides of the second floor at the top of the end stairs. The inner faces of these corridors formed the upper part of the end elevations of the first floor and included central paired arched windows covered with wire mesh screens permitting viewing of the first-floor landings and main stairs. Immediately abutting the inner edges of the verandah pillars, at each end of the landing area was a rounded-rectangle light-well, edged with a moulded wooden frame measuring 2m (east-west) x 4.4m (north-south), surrounded by wrought iron balusters and carved handrails in the same style as on the stairs and permitting natural illumination of the ends of the ground floor lobby. The landing flooring was of varnished pine boards. Connecting walkways ran north-south, separating the light wells from the stair heads.

The north suite of rooms on the first floor initially continued the arrangement on the ground floor, with the northeast corner being occupied by a classroom, alongside a cloakroom with heated pipes and wash basins, with a fixed partition screen (probably original) with tongue-and-groove wainscot panelling (as on the remaining elevations) and glazed upper section dividing it from the classroom. However, running west from the cloakroom, a corridor separated the north rooms from the landing area, being enclosed to the south by a fixed partition wall with entrance doors at east and west ends (opposite the light well walkways) and a central wall head vent. North of the corridor, a small classroom with corner boxroom/store cupboard may have been inserted into the floor plan, as its east elevation (dividing it from the cloakroom) was a plain, fixed partition that appeared to cut the crown moulding of the cloakroom ceiling and did not feature the tongue-and-groove wainscoting applied to the remaining wall faces. West of this room, a headmaster's office was enclosed by an original hinged screen to the west featuring glazed upper section and brass hinges and handles. As in the assembly hall on

the ground floor, the movable screen was intended to create adaptable space in which rooms could be joined or divided as desired.

The northwest corner of the first floor was occupied by a classroom on the same plan as the northeast corner; this room bore extensive superficial damage from a recent break-in which had accumulated debris and broken window glass (stones thrown from the street had also broken some window panes). The movable partition forming the east elevation would have allowed expansion into a single larger room incorporating the room to the east. Both northeast and northwest corner classrooms featured wall vents at the head of their south (inner) elevations, following the pattern on the ground floor and presumably utilising the same ventilation shafts within the wall space. As on the ground floor, cast iron radiators and hot water pipes were present in all rooms, with natural illumination afforded by tall rectangular fixed windows with inward opening upper hoppers (operated by attached ropes) in original frames in panelled apertures.

The south suite of rooms mirrored the arrangement on the north side of the building, with the main difference being that no additional partition had been erected and therefore the plan was divided into four main rooms instead of five; moreover, no cloakroom and no office were present on this side, the corresponding rooms being classrooms. Wall vents were present at the head of the north (inner) elevation in all four classrooms. Tongue-and-groove wainscoting continued and the radiators and pipes were of the standard pattern.

As on the ground floor, ceramic tile dado covering was present on all elevations in the main landing area, as well as in the cloakrooms adjacent to the second floor stairs. Moulded wooden dado rails and skirting boards extended across the whole first floor, with plaster crown moulding also present. Moulded wooden doorframes and wooden fixed window frames with inward opening hoppers were all original, although some re-glazing of the windows was apparent.

Second Floor and Roof. Stairs accessed at the east and west ends of the building via the central arch of each first floor facade led to the second floor mezzanine corridors in four flights of eight with intermediate rectangular landings, making a right-hand half-turn overall; a carved wooden handrail ran along the inner (right hand) edge of the stairs on wrought iron balusters of the same design as on the main stairs and therefore contemporary with them. The stairs at each end of the building were of identical design. The second intermediate landing connected with a lower mezzanine suite of two rooms, with a cloakroom to the north containing cast iron heated clothes-drying pipes and end wash basins; a toilet lay to the south of the stairs, although the room at the east end had been repurposed as a store. Against the inner elevation of each mezzanine landing stood a pair of plain wooden cupboards containing brass sprung grips for retaining either mop handles or possibly window opener rods. These appeared to be integral original features. The stairwells were illuminated by the central windows of the entrance bays and central gables in the exterior east and west elevations of the building.

The second floor mezzanine corridors at both east and west ends of the building contained the paired arched windows noted from the first floor landing area; these were screened by wrought iron balusters in the lower portion, forming a safety fence, with brass mesh filling the riser of each arch. Attached to the inner elevation of both corridors, to either side of the windows, a white-painted cast iron disc and attached handle (handles only still attached on the examples to the south side of the windows)

represented the remains of a roof skylight opening mechanism which presumably had formerly permitted adjustment of panels on the roof, in order to control ventilation.

The central portion of the roof, that immediately above the atrium- main staircases, landing and lobby- comprised a ridged box of reinforced glass panels resting on the haunches of a barrel vault ceiling supported by six semi-circular half-hoops (two immediately against each end facade, four spaced along the ceiling), resting on moulded springers at second floor height. Constructed to appear as hammerbeam timbers, the hoops were in fact probably of mild steel encased in wooden boxes, as indicated by cracking of the seams of these boxes along portions of their length. Hexagonal bolts joined the sections of the beams together and to the roof. The glass box contained a total of 96 panes, arranged in ranks of four across the roof span with a central ridge.

A store room stood to either side of the stairs at both east and west end of the building; each contained possibly original wooden fittings including shelving and pigeon holes, as well as exposed cast iron water pipes with stopcocks, part of the original heat and water distribution. The rooms to the north also featured fixed wooden ladders (green painted) accessing attic hatches set into panelled faces by means of which the roof space might be entered, although at the time of the visit stacked spare roof slates prevented this. The ladders and hatches were almost certainly original features.

The second floor plan was symmetrical, in keeping with the rest of the building, with each of the four corners occupied by a rectangular classroom with vaulted and coved ceiling and the linking portions of the north and south sides taken up by single long rooms with barrel vaulted ceilings. The vaults of the long rooms were supported by lateral white-painted but otherwise exposed steel half-hoops constructed in two halves joined at the crown by four square-headed bolts with hexagonal nuts (the discrepancy possibly suggesting later remedial work) to form semi-circular arches, six per room.

Both long side rooms had at some stage been subdivided, as cased openings remained beneath glazed transoms along the lateral centre line of each room. The partitions (no longer in place) had adjoined the central mullion of the outward facing window and may have been intended to inhibit unauthorised movement between the girls' and boys' halves of the school; however, the partitions were not original, as the transoms had been inserted beneath the ceiling vents and partially obscured these. The centre of each ceiling contained a circular vent covered by a disc with plain drilled holes in place of the wallhead vents featured in the lower storeys. Identical vents featured in the centre of the corner room ceilings; these rooms also included the remains of rope and pulley fittings (with anchoring hooks) which adjusted roof skylights above glazed light wells situated on their inner elevations. Large rectangular windows, including gable dormers in the building corners and central to the external walls of the long rooms, allowed full natural illumination of the upper storey. As in the remainder of the building, these were original, with fixed bases and inward opening upper hoppers, which at this level were supported by cast iron opening/retaining bars operated by attached ropes or brass hooks. Each corner room was entered via a wooden porch facilitating three-way movement between corner room, long side room and mezzanine corridor; each was framed in moulded wood and was an original feature, although the doors themselves were probably later replacements.

The long side rooms featured wooden bookcase furniture along their long (east-west) elevations that indicated possible previous functions as libraries and/or reading rooms as well as classrooms, a function certainly greatly aided by the ease of natural illumination afforded by the large windows. The northeast corner room was equipped as a staff room, with a fixed partition wall across the southern end of the space creating a side room featuring a sink and shelves which may have functioned as an attached kitchen. The shelving was of aged dark wood and was of early date. As in each of the other corner rooms, two steel semi-circular hoops aligned east-west supported the coved ceiling, while an ornate floriated grille covered a circular central ceiling vent.

The remaining three corner rooms had been classrooms, with the northwest corner room containing two heavy wooden cabinets against the north elevation, the tiled backs of which suggested a cold storage function (possibly connected with home economics- as these were in the western part of the building they perhaps reflected the original gender division of the school and may have been original features). The southwest corner room contained a moulded wooden dresser/cupboard against the western elevation that also served to suspend tiers of brass hooks positioned to dry or heat clothes against the cast iron heating pipes which ran around the room at floor level (also present in the other rooms): this was thus a purpose-installed drying and storage unit that was clearly an early or original feature. The southeast corner room was rather plainer, perhaps due to the presence of an emergency exit opening onto the playground fire escape in its east elevation.

### **3 Conclusions and Recommendations**

#### **3.1 Mitigation**

The school, as a B-listed building, contains a number of noteworthy original features that should if possible be retained during the present proposed development. Features which should preferably be preserved in situ are:

- 1) The external red sandstone building fabric (main building and annexe), including carved and applied pediments, Tuscan columns and roof decoration.
- 2) The twin main staircases (main building), which constitute a highly impressive original Victorian feature, with associated first floor light wells. This should include wrought iron balusters, carved handrails and supporting pillars.
- 3) The second floor mezzanine corridors with interior view windows, including wrought iron and brass safety screens (main building).
- 4) The central glass roof/ceiling and timber-clad hemispherical supporting hooped beams (main building). The ceiling and main stairs constitute a unit integral to the character of the building.
- 5) The current roofline including sandstone dummy chimney stacks and roof ornaments (main building). While it is recognised that roof slates may well have to be replaced, this should be sensitive to the current character of the roof.

It should further be noted that the system of moveable wooden partitions throughout the school, although an interesting feature of the design, cannot be retained, because they

are not fireproof, would prevent subdivision of the building for residential use, and have been damaged beyond economic repair by the settlement of the building.

This list should not be regarded as definitive or exhaustive, as responsibility for approving mitigation lies with Perth & Kinross Heritage Trust.

### 3.2 Recommendations for Further Work

Alder Archaeology considers that the terms of reference for archaeological work in connection with the present development on this site have been met successfully. Mitigation recommendations have been made, but the final decision on these recommendations and any future work ultimately rests with Perth & Kinross Heritage Trust and Historic Scotland/ Historic Environment Scotland.

## Appendix 1 Photographic Register

<i>Image No</i>	<i>Description</i>	<i>View</i>
	<b>Main Building, Ground Floor</b>	
0001	East entrance (external)	W
0002	Detail, moulded keystone in arch of east entrance doorway (external)	W
0003	East entrance porch, outer doors	W
0006	East entrance porch, inner doors	W
0007	East entrance lobby, entrances to toilets, to north of east porch	E
0008	East elevation of south toilet, with partition wall dividing from north	E
0010	Toilet window, with partition	E
0011	North toilet	E
0012	Doorway to northeast corner classroom	N
0013	Detail, moulded doorframe and entrance arch impost, northeast corner classroom	N
0014	Detail, rise of northern arch (triple arch east entrance), above toilets	E
0015	Northeast corner classroom, general view	NE
0016	South end, east elevation, northeast corner classroom	E
0017	North end, east elevation, northeast corner classroom	E
0019	North elevation, northeast corner classroom	N

0020	North end, west elevation, northeast corner classroom	W
0021	South end, west elevation, northeast corner classroom	W
0022	South elevation, northeast corner classroom	S
0023-25	North corridor, main lobby, with cellar entrance at base of main staircase	W
0026	East entrance to main staircase, with cellar entrance, general view	SW
0027	Doorway to east cloakroom, north side of lobby	N
0028	Detail, transom light over east cloakroom door, north side of lobby	N
0029	East cloakroom, north side of lobby, general view	NE
0030-31	East end, north elevation, east cloakroom, north side of lobby (with partition)	N
0032-33	West end, north elevation, east cloakroom, north side of lobby (with partition)	N
0034	Central classroom, north side of lobby, general view	NW
0035	South end, west elevation, central classroom, north side of lobby	W
0036	Mid-section, west elevation, central classroom, north side of lobby	W
0037	North end, west elevation, central classroom, north side of lobby	W
0038	North elevation, central classroom, north side of lobby	N
0039	South end, east elevation, central classroom, north side of lobby	E
0040	North end, east elevation, central classroom, north side of lobby	E
0041-42	Detail, metal fitting in ceiling, central classroom, north side of lobby	S
0043	Doorway to west cloakroom, north side of lobby	N
0044	Detail, transom light over west cloakroom door, north side of lobby	N
0045	West cloakroom, north side of lobby, general view	NW
0046	North elevation, west cloakroom, north side of lobby, from doorway	N
0047	Detail, heated pipes, coat hooks, west cloakroom, north side of lobby	NW
0048-49	North elevation, west cloakroom, north side of lobby	N
0050	South end, west elevation, west cloakroom, north side of lobby	W
0051	Mid-section, west elevation, west cloakroom, north side of lobby	W
0052	North end, west elevation, west cloakroom, north side of lobby	W
0053	South end, east elevation, west cloakroom, north side of lobby	E



0054	Mid-section, east elevation, west cloakroom, north side of lobby	E
0055	West end, north corridor, main lobby	W
0056	East end, north corridor, main lobby	E
0057	Modern partition at west end of north corridor, main lobby	W
0058	Entrances to toilets, north of west entrance porch	W
0059	North door of west entrance porch	S
0060	Wooden eastwards extension of west entrance porch, inside security partition	SE
0061	South toilet, north of west entrance porch	W
0062	Entrance corridor, south toilet, north of west entrance porch	W
0063	Entrance corridor, north toilet, north of west entrance porch	W
0064	Door to head teacher's office, northwest corner room of ground floor	N
0065	Secretaries' office, northwest corner room of ground floor, general view	SW
0066	South elevation, secretaries' office, northwest corner room of ground floor	S
0067-68	West elevation, secretaries' office, northwest corner room of ground floor	W
0070	North elevation, secretaries' office, northwest corner room of ground floor	N
0071	East elevation, secretaries' office, northwest corner room of ground floor	S
0072	Head teacher's office, northwest corner room of ground floor, general view	NW
0073	West elevation, head teacher's office, northwest corner room of ground floor	W
0074	West end, north elevation, head teacher's office, northwest corner room of ground floor, oblique	NW
0075	Mid-section, head teacher's office, northwest corner room of ground floor	N
0076	East end, head teacher's office, northwest corner room of ground floor	N
0077	East elevation, head teacher's office, northwest corner room of ground floor	E
0078	South door of west entrance porch	N
0079	East end of west entrance porch (internal), with reception hatch and shelf	E
0080	West inner doors of west entrance porch	W
0081	West elevation/general view of janitor's room, south of west entrance porch	W
0082-84	Doorway to janitor's room, south of west entrance porch, in south arch (triple entrance arch)	W

0085	South corridor, main lobby, with store cupboard beneath main stairs	E
0086	Store cupboard beneath south side of main stairs	E
0087	South corridor, main lobby, with store cupboard beneath main stairs	W
0088	Doorway to southeast corner room (main hall)	S
0089	Detail, transom light over doorway to southeast corner room (main hall)	S
0090	Modern partition and west end of east entrance porch	E
0091	Details, roof space, arches, wrought iron railings, first floor from ground floor, east end of building	E
0092	First floor from ground floor between staircases, east end of building	E
0093	Southeast corner room (main hall), general view	SW
0094	Southeast corner room (main hall), general view	SE
0095-97	East elevation, southeast corner room (main hall)	E
0098	East end, south elevation, southeast corner room (main hall)	S
0099	East end (west of first cased opening), south elevation, southeast corner room (main hall)	S
0100	Mid-section, southeast corner room (main hall)	S
0101	West end, southeast corner room (main hall)	S
0102	West elevation (partition), southeast corner room (main hall)	W
0103-104	West end, north elevation, southeast corner room (main hall)	N
0105	Mid-section, north elevation, southeast corner room (main hall)	N
0106-107	East end, north elevation, southeast corner room (main hall)	N
0108	South-west corner classroom, general view	SW
0109	North end, west elevation, south-west corner classroom	W
0110	South end, west elevation, south-west corner classroom	W
0111	South elevation, south-west corner classroom	S
0112	South end, east elevation, south-west corner classroom	E
0113-114	North end, east elevation, south-west corner classroom	E
0115	North elevation, south-west corner classroom	N
	<b>Main Building, Basement</b>	

0116	Entrance to basement, beneath north side of main stairs, lobby	W
0117-118	Basement stairs, from top	W
0119-120	Basement stairs, from bottom	E
0121-122	Storeroom, north side of basement stairs, general	NW, N
0123-124	Doorway to main room, basement, from entrance passage	W
0125	Detail, ceiling of basement entrance passage (riveted iron base of main stairs above)	W
0126	West elevation, main room, basement	W
0127	East end, north elevation, main room, basement	N
0128	West end, north elevation, main room, basement	N
0129	East elevation, main room, basement	E
0130	Entrance to southeast corner room, basement	S
0131	Entrance to south-central room, basement	S
0132	South-central room, basement, general view	SW
0133	South elevation, south-central room, basement	S
0134	West elevation, south-central room, basement	W
0135	East elevation, south-central room, basement	E
0136	North elevation, south-central room, basement	N
0137	South elevation, southeast corner room, basement	S
0138	East elevation, southeast corner room, basement, oblique	SE
0139	Boiler room, basement, general view	SW
0140	South elevation/boilers, boiler room, basement	S
0141	East end, north elevation, boiler room, basement	N
0142	Detail, corroded cast iron pipe in ceiling space, boiler room, basement	S
0146-147	Detail, furnace hatch in north elevation, boiler room, basement	N
0148	West end, north elevation, boiler room, basement	N
0149	North end, west elevation, boiler room, basement, oblique (light well)	NW
0150	Detail, light well in west elevation, boiler room, basement	W
0151	Detail, former base slot for roof support?	S

0152	South end, west elevation, boiler room, basement	W
	<b>Main Building, First Floor</b>	
0155	Store cupboard, base of stairs to second floor, east end of building	E
0156	East elevation, gents' toilets, east end of building	E
0157	East elevation, gents' toilets, east end of building, oblique	ENE
0158	West elevation, gents' toilets, east end of building	W
0159	Door to gents' toilets, east end of building	N
0160	Store cupboard, base of stairs to second floor, east end of building	E
0161	North end, east landing, with doorway to northeast corner classroom	N
0162	Northeast landing area, general view	NW
0163	West elevation, first and mezzanine stories, from east end landing	W
0164	West elevation, mezzanine and roof space	W
0165-166	North landing, general views	W, E
0167	East elevation, first and mezzanine stories, from west end landing	E
0168	Detail, moulded bookcase/shelf space and tiled dado in north arch (first floor triple arch, walled), east end of building	E
0169	First floor landing area, general view	SW
170	South landing, general views	W, E
171-172	First floor landing area, general views	NE, SE
173	Landing area, passage between west light well and top of main stairs	N
174-175	Landing area, passage between east light well and top of main stairs	N, S
176	First floor landing area, general view	NW
177	East cloakroom, south of second floor stairs	E
178	Detail, sinks in east cloakroom, south of second floor stairs	SE
179-180	South landing from east cloakroom, south of second floor stairs	W
181	Doorway to northeast corner classroom	N
182	Northeast corner classroom, general view	NE
183-184	North elevation, northeast corner classroom	N
185	South end, west elevation, northeast corner classroom	W

186	North end, west elevation, northeast corner classroom	W
187	South end, east elevation, northeast corner classroom	E
188	North end, east elevation, northeast corner classroom	E
189	South elevation, northeast corner classroom	S
190	Northeast cloakroom, general view	NW
191	Detail, sinks in northeast cloakroom	NW
192	Detail, heated pipe, with north elevation, northeast cloakroom	N
193	Northeast cloakroom, general view	SE
194	South elevation, northeast cloakroom	S
195	Corridor linking northeast and northwest corner classrooms	W
196	North-central classroom, general view	NE
197-198	South elevation, north-central classroom	S
199	North elevation, north-central classroom	N
200	North end, west elevation, north-central classroom	W
201	Mid-section, west elevation, north-central classroom	W
202	Interior of southeast corner storeroom/office, north-central classroom	E
203	Detail, coat hooks in southeast corner storeroom/office, north-central classroom, oblique	NE
204-205	Detail, coat hooks in southeast corner storeroom/office, north-central classroom	W
206-207	Head teachers' room (first floor), general views	NW, NE
208	East elevation, head teachers' room (first floor)	E
209-210	North elevation, head teachers' room (first floor)	N
211	West elevation, head teachers' room (first floor)	W
212-215	South elevation, head teachers' room (first floor)	S
216-217	Corridor linking northeast and northwest corner classrooms	E
218	Northwest corner classroom, general view	NW
219-220	North elevation, northwest corner classroom	N
221-222	West elevation, northwest corner classroom	W
223	South elevation, northwest corner classroom	S

224	North end, east elevation, northwest corner classroom	E
225	South end, east elevation, northwest corner classroom	E
226	Store cupboard beneath second floor stairs, west end of building	W
227	West elevation, girls' toilets, north of stairs, west end of building	W
228	West end, north elevation, girls' toilets, north of stairs, west end of building, oblique	NW
229	East end, north elevation, girls' toilets, north of stairs, west end of building	N
230	West landing, with doorway to southwest corner classroom	S
231	Roof space, with east mezzanine	E
232-233	West cloakroom, south of stairs, west end of building	W
234	Door to west cloakroom, south of stairs, west end of building	W
235	Moulded arch above door to west cloakroom, south of stairs, west end of building (triple arch, walled)	W
236-237	East elevation, first and mezzanine floors, east end of building	E
238-239	West elevation, first and mezzanine floors, east end of building	W
240	Southwest corner classroom, general view	SW
241-242	West elevation, southwest corner classroom	W
243	South elevation, southwest corner classroom	S
244	South end, east elevation, southwest corner classroom	E
245-246	North end, east elevation, southwest corner classroom	E
247	North elevation, southwest corner classroom	N
248	Door to southwest-central classroom, from landing	S
249	Southwest-central classroom, general view	SE
250	South elevation, southwest-central classroom	S
251	South end, west elevation, southwest-central classroom	W
252-253	North end, west elevation, southwest-central classroom	W
254	Detail, ventilation hatch in north elevation, southwest-central classroom	N
255	Detail, ceiling moulding on west/south elevations corner, southwest-central classroom	SW
256	Detail, ceiling moulding on south elevation, southwest-central classroom	S

257	North elevation, southwest-central classroom	N
258-259	East elevation, southwest-central classroom	E
260	Southeast-central classroom, general view	SE
261	South elevation, southeast-central classroom	S
262	West elevation, southeast-central classroom	W
263	North elevation, southeast-central classroom	N
264	East elevation, southeast-central classroom	E
265	Southeast corner classroom, general view	SE
266	South elevation, southeast corner classroom	S
267	South end, west elevation, southeast corner classroom	W
268	North end, west elevation, southeast corner classroom	W
269	North elevation, southeast corner classroom	N
270	North end, east elevation, southeast corner classroom	E
271	Detail, ceiling moulding, east elevation, southeast corner classroom	E
272	South end, east elevation, southeast corner classroom	E
	<b>Main Building, Mezzanine and Second Floors</b>	
273	Base and first flight, second floor stairs, east end of building	E
274	Landing window, lower landing second floor stairs, east end of building	E
275	Detail, wrought iron railings, lower landing window, second floor stairs, east end of building	E
276	Second flight, second floor stairs, east end of building	W
277	Cupboard doors, mezzanine landing	W
278	Mezzanine cloakroom, north of stairs, east end of building, general view	NE
279	Doorway to mezzanine cloakroom, north of stairs	N
280	Window/east elevation, mezzanine cloakroom, north of stairs	E
281	Mezzanine cloakroom/store room, south of stairs, east end of building, general view	SE
282	Detail, desk in mezzanine cloakroom/store room, south of stairs	S
283	Doorway to mezzanine cloakroom/store room, south of stairs	S

284	Window/east elevation, mezzanine cloakroom/store room, south of stairs	E
285	Cupboard doors, mezzanine landing	W
286-287	Cupboard (doors open), mezzanine landing, with pole holder fittings	W
288	Third flight, second floor stairs, east end of building	E
289	Lower window on upper landing, second floor stairs, east end of building	E
290	Upper landing windows, second floor stairs, east end of building	E
291	Fourth (top) flight, second floor stairs, east end of building, with second storey internal lobby windows	W
292	First floor landing area/main stairs, from east end second floor windows	W
293	Detail, safety mesh above second floor internal windows on landing, east end of building	W
294	Second floor internal/observation windows on landing, east end of building	W
295	Upper landing windows, second floor stairs, east end of building, with top rail of stairs	E
296	Second floor store room, north of stairs, general view	NE
297-299	Attic space above second floor store room, north of stairs, general views	S, SW, W
300	Attic access hatch, in ceiling in second floor store room, north of stairs	-
301	Attic access ladder, second floor store room, north of stairs	N
302	Detail, iron handle, part of former roof opening system on second floor landing, south side of windows, east end of building	SW
303	Detail, iron handle base fitting (handle removed), part of former roof opening system on second floor landing, north side of windows	NW
304	Doorway to second floor store room, north of stairs (room 31)	N
305	Attic hatch above second floor landing, outside store room (room 31)	N
306	East elevation, second floor store room, north of stairs (room 31)	E
307	West elevation, second floor store room, north of stairs (room 31)	W
308-310	Attic access ladder, second floor store room, north of stairs (room 31)	W
311	Doorway to second floor store room, south of stairs (room 32)	S
312	Door (closed) to second floor store room, north of stairs (room 31)	N
313	Door (closed) to second floor store room, south of stairs (room 32)	S
314	Second floor store room, south of stairs (room 32), general view	ENE



315	East elevation, second floor store room, south of stairs (room 32)	E
316-317	Detail, skylight in second floor store room, south of stairs (room 32)	E
318	South elevation, second floor store room, south of stairs (room 32), oblique	SW
319-320	West elevation, second floor store room, south of stairs (room 32)	W
321	Landing corridor, second floor, east end of building	N
322	Northeast corner room (staff room), doorway	N
323	East elevation, wash/storeroom, south of staff room	E
324	South elevation/shelves, wash/storeroom, south of staff room, oblique	SW
325	Northeast corner room (staff room), doorway`	N
326	Northeast corner room (staffroom), general view	NE
327	South elevation, northeast corner room (staffroom)	S
328-329	Detail, ornate ceiling vent, northeast corner room (staffroom)	S, -
330	East elevation, northeast corner room (staffroom)	E
331	North elevation, northeast corner room (staffroom)	N
332-333	West elevation, northeast corner room (staffroom)	W
334	North long-side classroom, general view	W
335-336	West elevation, north long-side classroom	W
337	West end, south elevation, north long-side classroom	S
338	South elevation, north long-side classroom, oblique	SE
339	Mid-section, south elevation, north long-side classroom	S
340	East end, south elevation, north long-side classroom	S
341-342	East elevation, north long-side classroom	E
343	East end, north elevation, north long-side classroom	N
344-345	West end, north elevation, north long-side classroom	N
346	Doorway to northwest corner classroom	W
347	Northwest corner classroom, general view	NW
348-349	North elevation, northwest corner classroom	N
350-351	Detail, ornate ceiling vent, northwest corner classroom	-, N

352	Detail, plain ceiling vent, north long side classroom	E
353	Detail, sample/food storage cupboard, east end of north elevation, northwest corner classroom	N
354	Detail, sample/food storage cupboard, west end of north elevation, northwest corner classroom	N
355	North end, east elevation, northwest corner classroom	E
356	South end/entrance porch, east elevation, northwest corner classroom, oblique	SE
357	South elevation, northwest corner classroom	S
358	Detail, ornate ceiling vent, northwest corner classroom	S
359	South end, west elevation, northwest corner classroom	W
360	North end, northwest corner classroom	W
361-362	Second floor landing corridor, west end of building	S
363	Detail, safety mesh above second floor internal windows on landing, west end of building	E
364	Detail, wrought iron railings in second floor internal windows on landing, east end of building	E
365	First floor landing area, east end first and second (landing) floors, from west end internal windows	E
366-367	Detail, internal window/roof vent shaft, staffroom (northeast corner room)	W
368-369	Detail, ornate ceiling vent, northeast corner room (staffroom)	E, N
370-372	Detail, false chimney stacks, from north long side classroom, oblique	SW, SE
373-375	Location shots, view of Perth from north long side classroom	N, NW, NE
376-377	Location shots, view of Perth from staffroom (northeast corner room)	E
378	Second floor landing corridor, west end of building	S
379-381	Internal windows, second floor landing corridor, west end of building	E
382-383	First floor landing area, east end first and second (landing) floors facade, from west end internal windows	E
384	Door (closed) to storeroom, north of stairs (room 34), west end of building	N
385	Doorway to storeroom, north of stairs (room 34), west end of building	N
386	West elevation, storeroom, north of stairs (room 34), west end of building	W
387	Detail, skylight in storeroom, north of stairs (room 34), west end of building	W

388	East elevation, storeroom, north of stairs (room 34), west end of building	E
389	Detail, cast iron water pipes in storeroom, north of stairs (room 34), west end of building	N
390	Door (closed) to storeroom, south of stairs (room 29), west end of building	S
391	Doorway to storeroom, south of stairs (room 29), west end of building	S
392	East end first and second (landing) floors facade, from west end internal windows	E
393	East elevation, storeroom, south of stairs (room 29), west end of building	E
394	West elevation, storeroom, south of stairs (room 29), west end of building	W
395-397	Detail, cast iron water pipes in storeroom, south of stairs (room 29), west end of building	SW, W
398	Detail, coat hooks in second floor landing corridor, west end of building, oblique	SE
399	Detail, Detail, iron handle, part of former roof opening system on second floor landing, north side of windows, west end of building, oblique	NE
400-402	Upper landing windows and wrought iron railings, second floor stairs, west end of building	W
403	Top flight, second floor stairs, west end of building	W
404	Second floor landing corridor, west end of building	N
405	North end, second floor landing corridor, west end of building	N
406	Doorway, southwest corner classroom	S
407	Detail, panelling, cased entrance frame moulding, cast iron pipe, south end of second floor landing corridor, west end of building	NE
408	Southwest corner classroom, general view	SW
409	South elevation, southwest corner classroom	S
410	Detail, blocked ceiling vent, southwest corner classroom	S
411-412	Location shots, Perth from southwest corner classroom	SW, S
413-414	South end, west elevation, southwest corner classroom	W
415	North end, west elevation, southwest corner classroom	W
416	Location shot, Perth from southwest corner classroom	W
417	North elevation, southwest corner classroom	N
418	North end, east elevation, southwest corner classroom	E

419	South end, east elevation, southwest corner classroom	E
420-421	Detail, wooden entrance porch, southwest corner classroom	NE, N
422-423	Doorway to south long side classroom (music room), oblique	NE, SE
424	South long side classroom (music room), general view	SE
425-426	East elevation, south long side classroom (music room)	E
427	West elevation, south long side classroom (music room)	W
428	Detail, blocked ceiling vent, south long side classroom (music room)	W
429	West end, north elevation, south long side classroom (music room)	N
430-431	Mid-section, north elevation, south long side classroom (music room)	N
432-433	Location shots, Perth from south long side classroom (music room)	SW
434	East end, north elevation, south long side classroom (music room)	N
435	Detail, transom above former partition (removed), south long side classroom (music room)	N
436-437	East end, south elevation, south long side classroom (music room)	S
438	Mid-section, south elevation, south long side classroom (music room)	S
439	North end, south elevation, south long side classroom (music room)	S
440	Doorway to southeast corner classroom	E
441-443	Detail, moulded doorframe, east end of south long side classroom	W
444-445	Southeast corner classroom, general view	SE
446	South elevation, southeast corner classroom	S
447-448	North end, east elevation, southeast corner classroom	E
449	South end, east elevation, southeast corner classroom	E
450-451	North elevation, southeast corner classroom	N
452	North end, west elevation, southeast corner classroom	W
453	South end, west elevation, southeast corner classroom	W
454-455	Location shots, Perth from southeast corner classroom	SE, S
456	Detail, wooden entrance porch, southeast corner classroom	NW
457	Upper landing windows, second floor stairs, west end of building	W
458	Cupboard, mezzanine landing, second floor stairs, west end of building	E

459	Doorway, cloakroom, south of stairs, west end of building	S
460	West elevation, cloakroom, south of stairs, west end of building	W
461	Detail, heated pipes, cloakroom, south of stairs, west end of building	SW
462	East elevation, cloakroom, south of stairs, west end of building	E
463	Doorway, toilet, north of stairs, west end of building	N
464-465	West elevation, toilet, north of stairs, west end of building	W
466-468	Detail, lower landing window and railing, second floor stairs, west end of building	W
469	Base of second floor stairs, from stairs, west end of building	E
	<b>Main Building, Main Stairs</b>	
470-472	West light well, first floor	E, N
473-474	First floor landing area, from west end/top of west-entry staircase	E
475-476	Top flights to lower main landing, west-entry staircase	E
477	Lower main landing, from upper flight, west-entry staircase	E
478-479	Lower main landing, west-entry staircase	N
480-481	Lower flights to ground floor entrance, from lower main landing, west-entry staircase	W
482-483	Base (ground floor entrance), west-entry staircase	E, SE
484	Roofspace, from between main staircases	E
485-486	Ground floor passage between main staircases	E, W
487	Base (ground floor entrance), east-entry staircase	W
488	Lower flights, to lower main landing, east-entry staircase	W
489-490	Lower flights, from lower main landing, east-entry staircase	E
491	Lower main landing, east-entry staircase	N
492	Upper flights, from lower main landing, east-entry staircase	E
493	Ground floor passage between main staircases from lower main landing, east-entry staircase	E
494	Detail, wrought iron support, east end light well/lower main landing, east-entry staircase	NE
495	Detail, bolted cast iron support beneath upper flights, west-entry staircase, from lower main landing, east-entry staircase	S

496-497	Upper flights, east-entry staircase, from top	W
498	West end first and second floor facade (arches)	W
499-501	East light well, first floor	S, SW
	<b>Main Building, External Elevations</b>	
502-503	East entrance, east elevation	W
504-505	Southeast corner, east elevation	W
506-507	Mid-section, east elevation	W
508	North end (base), east elevation	W
509	North end, east elevation	W
510-511	Northeast corner, north elevation	S
512-513	East end, north elevation	S
514-515	North elevation	S
516	East end, north elevation, oblique	SE
517	North elevation, oblique	SE
519	Location and general view, playground shelter/verandah	SE
520-522	North end, west elevation, playground shelter/verandah	E
523	North elevation, playground shelter/verandah, oblique	SSE
524	North elevation, playground shelter/verandah	S
525	Mid-section, west elevation, playground shelter/verandah	E
526-527	South end, west elevation, playground shelter/verandah	E
536	Detail, cornice at north corner of entrance pediment, east elevation, main building	W
537-539	Detail, east entrance pediment and arch, east elevation	W
540	Detail, cornice at south corner of entrance pediment, east elevation, main building	W
541	Gable facade, east entrance, east elevation	W
542	Detail, roof ornament and northeast corner window facade, east elevation	NW
543	Detail, roof ornament, northeast corner, east elevation	NW
544	Detail, roof ornament and southeast corner window facade, above fire escape, east elevation	SW

545	East end, south elevation	N
546-547	Mid-section, south elevation	N
548-549	West end, south elevation	N
550-552	Iron railings against west elevation	N
553-554	Fire escape/south end of west elevation	E
555	Mid-section/west entrance, west elevation	E
556-557	West elevation	E
558-559	North end, west elevation	E
	<b>Annexe, Ground Floor</b>	
561	North (Kinnoull Causeway) vestibule and steps	S
562-563	Detail, concrete steps in north vestibule	S
564-565	Doorway to central lobby	S
566-568	Detail, coathooks and tiling in north vestibule	E
569	Doorway to dining hall (north room)	E
570	Detail, boarded transom light above dining hall door	E
571	Dining hall, general view	NE
572	East elevation, dining hall	E
574-575	North elevation, dining hall	N
577	West elevation, dining hall	W
578, 580	East end/kitchen counter, south elevation, dining hall	S
579	West end, south elevation, dining hall	S
581-582	South elevation, kitchen	S
583	West elevation, kitchen	W
584-585	North elevation/counter, kitchen	N
586	Detail, ceiling beam/girder, kitchen	N
587	Detail, ceiling damage, kitchen	E
588	East elevation/window, kitchen	E
589	Corridor, door to girls' toilets, toilet block	E

590	Girls' toilets, general view	SE
591	East elevation, girls' toilets	E
592	South elevation, girls' toilets	S
593	Detail, cast iron pipes, ventilation grille and ceiling damage, girls' toilets	E
594	Corridor to kitchen, from girls' toilets	W
595-597	Door (closed) to store (south-east room, toilet block)	S
598	Door to boys' toilets, toilet block, oblique	SE
599	Boys' toilets, toilet block, general view	SE
600	North end, east elevation, boys' toilets	E
601	South elevation/window, boys' toilets	S
602	Disabled toilet	E
603-605	South elevation/window, store room (south east room, toilet block)	S
606	South (playground) entrance porch	S
607-608	South (playground) entrance doors	S
609	Detail, barrel vault ceiling above south entrance	S
610-611	South (playground) vestibule, to lobby	N
612-614	Doorway to north (Kinnoull Causeway) vestibule	N
615	West elevation, main lobby	W
616-617	Detail, ceiling moulding, west elevation, central lobby	W
618-619	Doorway to south (playground) vestibule, from lobby	S
620	East elevation, with bottom flight of stairs, central lobby	E
621	Detail, ceramic dado tiles in lobby	N
	<b>Annexe, Basement</b>	
622	Basement steps, from top	N
623	Boiler room, general view	NE
624	West end, north elevation, boiler room	N
625, 627	"Oil" hatch/north end east elevation, boiler room	E
626	Boilers/south end, east elevation, boiler room	E



628-630	Panelled partition/west elevation, boiler room	W
631	South elevation, boiler room	S
632	West side room (partition), general view	NW
633	North elevation, west side room (partition)	N
634	South elevation, west side room (partition)	S
	<b>Annexe, Stairs</b>	
635	Second flight, to second landing	S
636	Third (top) flight, to first floor landing	W
637	Stairwell glass roof	W
638-639	Detail, coved ceiling in stairwell	W, E
	<b>Annexe, First Floor</b>	
640	Landing, doorway to gym (north long side room)	N
641	Landing, doorway to east room	E
642	East room, general view	SE
643	East elevation, east room	E
644	South elevation, east room	S
645-646	West elevation, east room	W
647	North elevation, east room	N
648-649	Gym (north long side room), general views	NW, NE
650	West elevation, gym	W
651	West end, north elevation, gym	N
652	East end, north elevation, gym	N
653	Detail, window in north elevation ceiling, gym	N
654	East elevation, gym	E
655	Detail, panelled barrel vault (hemispherical arch) ceiling, gym	E
656	Detail, windows in south elevation ceiling, gym	S
657	East end, south elevation, gym	S
658	Mid-section, south elevation, gym	S

659	West end, south elevation, gym	S
660	Cupboards, first floor landing	W
661	Detail, north cupboard (door open), first floor landing	W
662	Roof space above cupboard, first floor landing	S
663	Detail, south cupboard (door open), first floor landing	W
664	Studio room (south side long room), general view	SE
665-666, 668	East elevation, studio room	E
667	Detail, panelled barrel vault (hemispherical arch) ceiling, studio	E
671	East end, south elevation, studio room	S
673	Mid-section, south elevation, studio room	S
675-677	West end, south elevation, studio room	S
678	West elevation, studio room	W
679-680	West end, north elevation, studio room	N
681	Mid-section, north elevation, studio room	N
682	East end, north elevation, studio room	N
	<b>Annexe, various details/features of interest</b>	
683	Detail, iron climbing rope fittings, south side of ceiling, gym	E
684-685	Detail, individual iron climbing rope fittings in ceiling, gym	E
686	Detail, iron climbing rope fittings, north side of ceiling, gym	E
687	Detail, boarded ceiling vents, gym	E
688	Detail, ceramic tiled skirting lower landing, stairs	N
689	Detail, damage/re-grouting on tiles, ground floor, south vestibule fire door	SW
690-691	Detail, "The Briton" door closing device on dining hall door	E
692	Bottom flight of stairs, from first floor landing	N
695	Detail, oil burner with hatch open, basement	E
696	Detail, drain grille, basement floor	N
697-698	Detail, wall mounted bells, lobby	W, S
	<b>Annexe, external elevations</b>	

518	Location and west elevation, annexe	E
529-531	South elevation, annexe	N
532-533	Playground entrance, south elevation, annexe	N
534-535	Location and general view, annexe	NE
699-701	West end, north elevation	S
702-703	Mid-section, north elevation	S
704-705	East end, north elevation	S
706	Roof, north elevation, with wall head carved banner “Advanced Department Anno D <sup>ni</sup> 1900” and dormer window of gym	S
707-708	West elevation	E
709	Location, west elevation with playground shelter/verandah	SE
710	Location, main building (north elevation), oblique	SW
	<b>Main Building, various details/features of interest</b>	
711	Moulded capitals, supporting column at east end first floor landing (cloakroom south of second floor stairs)	E
712	Wrought iron railings around east light well, first floor landing	N
713	Iron valve/stopcock on heated pipes, east end cloakroom, first floor landing	N
714	Cast iron pipes, second floor store room north of stairs, east end of building	E
715	Numbered coat hooks, second floor landing corridor, east end of building	W
716	“The Briton” door closer on door of second floor store room, south of stairs, east end of building	S
717	Hook and pulleys for roof/skylight adjustment, southwest corner classroom, second floor	E
718	Window, with cast iron opening mechanism, southwest corner classroom	W
719	Iron handle fitting (function uncertain), window frame, southwest corner classroom	W
720	Cast iron window opening mechanism, southwest corner classroom	W
721	Rope-securing mount above internal vent window, southwest corner classroom	E
722	Brass electric bell on second floor stairs, east end of building	W
723-724	Rivets and iron hoop ceiling beams, south long side classroom (music room), second floor	E

725	Internal skylight windows, with rope opener, music room	N
726-729	Roof vent windows/skylight above southwest corner classroom	E, SE
730	Clothes (drying) hooks, cast iron pipes, wainscoting, southwest corner classroom	W
731	Clothes (drying) hooks, cast iron pipes, wainscoting, cupboards, southwest corner classroom	NW
732-737	Partitioning/change in ceiling decoration, main hall, ground floor	E, W, N
738	Late partition/false wall, northeast cloakroom, first floor	NE
739-742	Changes in ceiling decoration indicating later subdivisions, northeast cloakroom and neighbouring classroom, headmaster's room, first floor	N, E, W
743	Heated pipes, stopcock, northeast cloakroom, first floor	SE
744	Late door hook outside headmaster's room/cloakroom, first floor	S
745	Internal wall vent, north side corridor, first floor	S
746	Window opening mechanism, northwest corner classroom, first floor	W
747	Pitchfork in boiler room, basement	NE
748-749	Late brick partition wall, boiler room, basement	N

## Appendix 2 Discovery & Excavation in Scotland Entry

LOCAL AUTHORITY:	Perth & Kinross
PROJECT TITLE/SITE NAME:	Caledonian Road Primary School
PROJECT CODE:	PE57
PARISH:	Perth
NAME OF CONTRIBUTOR(S):	C Fyles
NAME OF ORGANISATION:	Alder Archaeology Ltd
TYPE(S) OF PROJECT:	Standing Building Survey
RCAHMS NO(S):	NS12SW 397
SITE/MONUMENT TYPE(S):	School (disused)
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	Site centred on NO 11289 23400
START DATE	20/04/2015
END DATE	21/04/2015
PREVIOUS WORK (incl. <i>DES</i> ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	Caledonia Housing Association commissioned Alder Archaeology to undertake an archaeological standing building survey on the site of a building conversion at the former Caledonian Road Primary School in Perth. The proposed development area is a Victorian three-storey school building constructed in 1892, with associated annexe dating from 1900. The requirement was a Level 2 building survey (English Heritage stipulation), including full photographic survey of the exterior and interior and descriptive text and basic site plan. Special attention was to be paid to the current condition and nature of the building fabric, construction and development phases, internal fixtures and fittings and features of particular architectural or historical interest.
PROPOSED FUTURE WORK:	None
SPONSOR OR FUNDING BODY:	Caledonia Housing Association
CAPTIONS FOR ILLUSTRS	-
ADDRESS OF MAIN CONTRIBUTOR:	Alder Archaeology Ltd, 55 South Methven Street, Perth PH1 5NX
ARCHIVE LOCATION	RCAHMS (intended)

(intended)	
EMAIL ADDRESS:	<a href="mailto:director@alderarchaeology.co.uk">director@alderarchaeology.co.uk</a>

## Appendix 3 Standard Terms of Reference for all Fieldwork

### 3.1 Recording Methodology

Alder Archaeology employs a Single Context Recording System that allows full cross-referencing of stratigraphy, finds and environmental samples, as well as site-wide phasing. All features will be planned at scale 1:20, and sections drawn at scale 1:10. Sections and profiles will be drawn and all features will be photographed with metric scale included. Environmental samples will be taken from archaeologically significant contexts, if the analysis of these samples would aid significantly in the interpretation of any features identified.

### 3.2 Human Remains

If human remains are encountered they will be left in situ and the local police will be informed. If removal is required this will take place in compliance with Historic Scotland's Policy Paper *The Treatment of Human Remains in Archaeology*.

### 3.3 Products and Reporting

A Data Structure Report will normally be prepared within a period agreed within the Written Scheme of Investigation/ Project Design, after the completion of the fieldwork. This forms the basic level of reporting. Further reporting may be required on the basis of discoveries made during excavations.

A copy of the report and the project archive will be deposited in the NMRS. Further copies will be sent to the client, LAAO and others, as appropriate.

### 3.4 Artefacts

Finds of objects will be subject to the Scots Laws of Treasure Trove and *Bona Vacantia*. We will report such finds, if recovered, with supporting documentation to the Secretariat of the Treasure Trove Panel for disposal to the appropriate museum.

### 3.5 Discovery and Excavation in Scotland

A brief summary of the results will be submitted to *Discovery and Excavation in Scotland*.

### 3.6 General Conditions and Health and Safety

We adhere to the Code of Conduct of the Institute for Archaeologists.

Alder Archaeology Ltd has public liability insurance of £2,000,000. Details of this can be provided on request.

We operate a strict health and safety policy that conforms to the Health and Safety at Work Act. We undertake Risk Assessments on all fieldwork carried out.

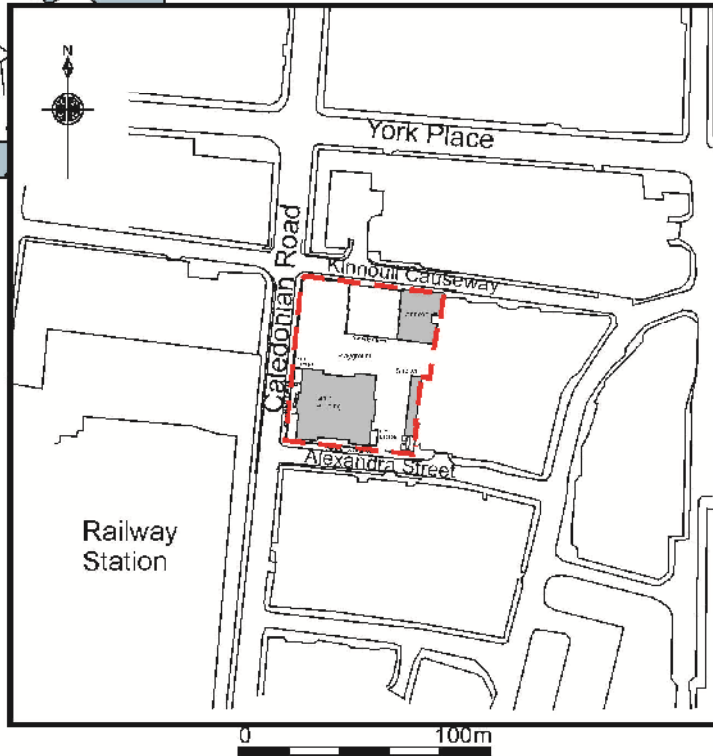
Alder Archaeology representatives will at all times wear protective footwear, high visibility clothing and other appropriate clothing. Hard hats will be worn if there is active plant on site or at all times if the site is deemed a hard hat area.

If lightly contaminated deposits are uncovered disposable boiler suits and gloves will be worn. A source of clean water will be made available for staff to clean hands with. If the health risk posed by site contamination is felt to be too high all further archaeological work will stop in that area.

Illus 1



Caledonian Road School  
Perth  
Standing Building Survey  
Site Location



© Crown copyright. All rights reserved.  
Licence number Af. 1000-9514

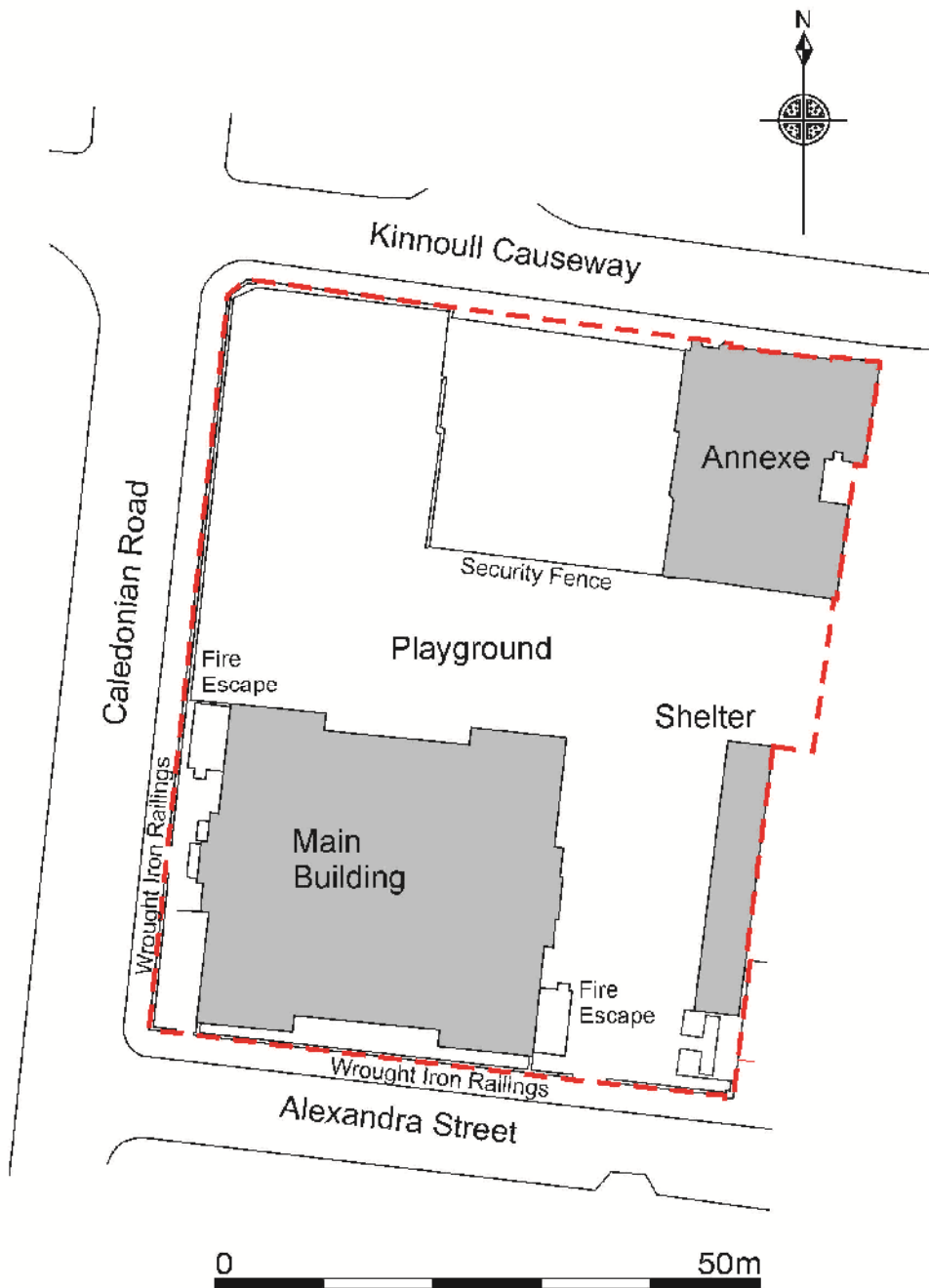
PE57

2015 Alder Archaeology Ltd



Illus 2

Caledonian Road School, site layout



PE57

2015 Alder Archaeology Ltd