



KDK ARCHAEOLOGY LTD

**Historic Building Recording,
Historic Building Watching Brief &
Archaeological Watching Brief**

Abdale House/Northside
32-34 Warrengate Road
North Mymms
Hertfordshire



Quality Check

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Summary

Between August 2019 and August 2020 KDK Archaeology Ltd carried out Historic Building Recording, an Historic Building Watching Brief and an Archaeological Watching Brief on Abdale House/Northside, 32-34 Warrengate Road, North Mymms, Hertfordshire during the conversion of the property to a single residence. Abdale House appears to have originally been a hall house with crosswings the earliest possibly dating from the 14th century. The eastern crosswing dates from c.1600 but the central section originally housing the hall is not easy to date having been completely rebuilt in the late 19th century. Northside was built at much the same time as the eastern crosswing and extended in the 18th century, possibly as a larger building programme including the extension of the eastern crosswing and the addition of some smaller service rooms to the south of the building. The building was extensively rebuilt in the late 19th century.

Historically the building is known for housing a radio station for the Polish Air Force and housing some members of the Polish government in exile during the Second World War.

1 Introduction

1.1 Between August 2019 and August 2020 KDK Archaeology Ltd carried out an Historic Building Recording, Historic Building Watching Brief and Archaeological Watching Brief on Abdale House/Northside, 32-34 Warrengate Road, North Mymms, Hertfordshire. The project was commissioned by Christopher Aylard, and was carried out according to a Written Scheme of Investigation prepared by KDK (Shlasko 2019), and approved by the Hertfordshire Historic Environment Team (HHET) acting on behalf of the Local Planning Authority (LPA), the Welwyn Hatfield Borough Council. The relevant planning application references are 6/2019/1371/FULL and 6/2019/1372/LB.

1.2 *Planning Background*

This project has been required under the terms of the National Planning Policy Framework (NPPF) in order to inform development proposals.

1.3 *The Site*

Location

The development site is located in the village and civil parish of North Mymms and the administrative district of Welwyn Hatfield Borough Council. It is centred on National Grid Reference TL 23042 03724 (Fig. 1).

Description

Abdale House/Northside is a single building currently divided into two residences. It is located on the west side of Warrengate Road, in the hamlet of Water End. The A1(M) runs to the west of the property. The house sits within a large garden, with agricultural fields to the south and west and a residential property to the north (Fig. 2).

Geology & Topography

The site is located just west of Mimms Brook on the Lewes Nodular Chalk Formation and Seaford Chalk Formation (undifferentiated), and comprises a sedimentary bedrock formed approximately 84 to 94 million years ago. The superficial deposits are River Terrace Deposits (undifferentiated) of sand and gravel (<http://mapapps.bgs.ac.uk/geologyofbritain/home.html>). The elevation is approximately 80m AOD



Proposed Development

The proposed development comprises the erection of single storey rear extension with glass balcony; installation of roof mounted solar panels; re-cladding of roof and re-rendering; repairs to timber frame, render and windows; and internal and external alterations - to facilitate conversion of the building from two dwellings into one dwelling (Fig. 3).



Figure 1: General location (scale 1:25,000)

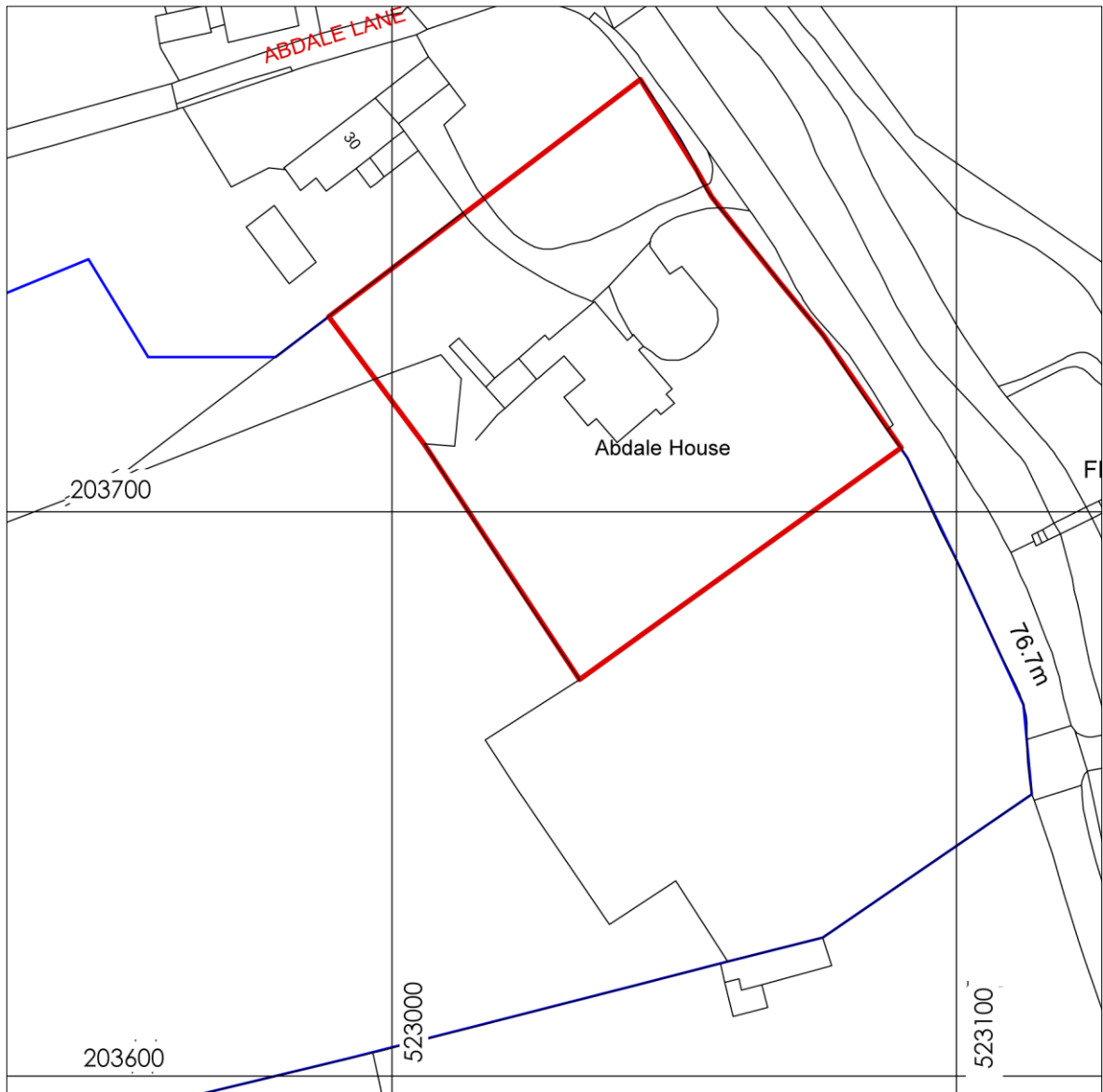


Figure 2: Site location (scale 1:1250)

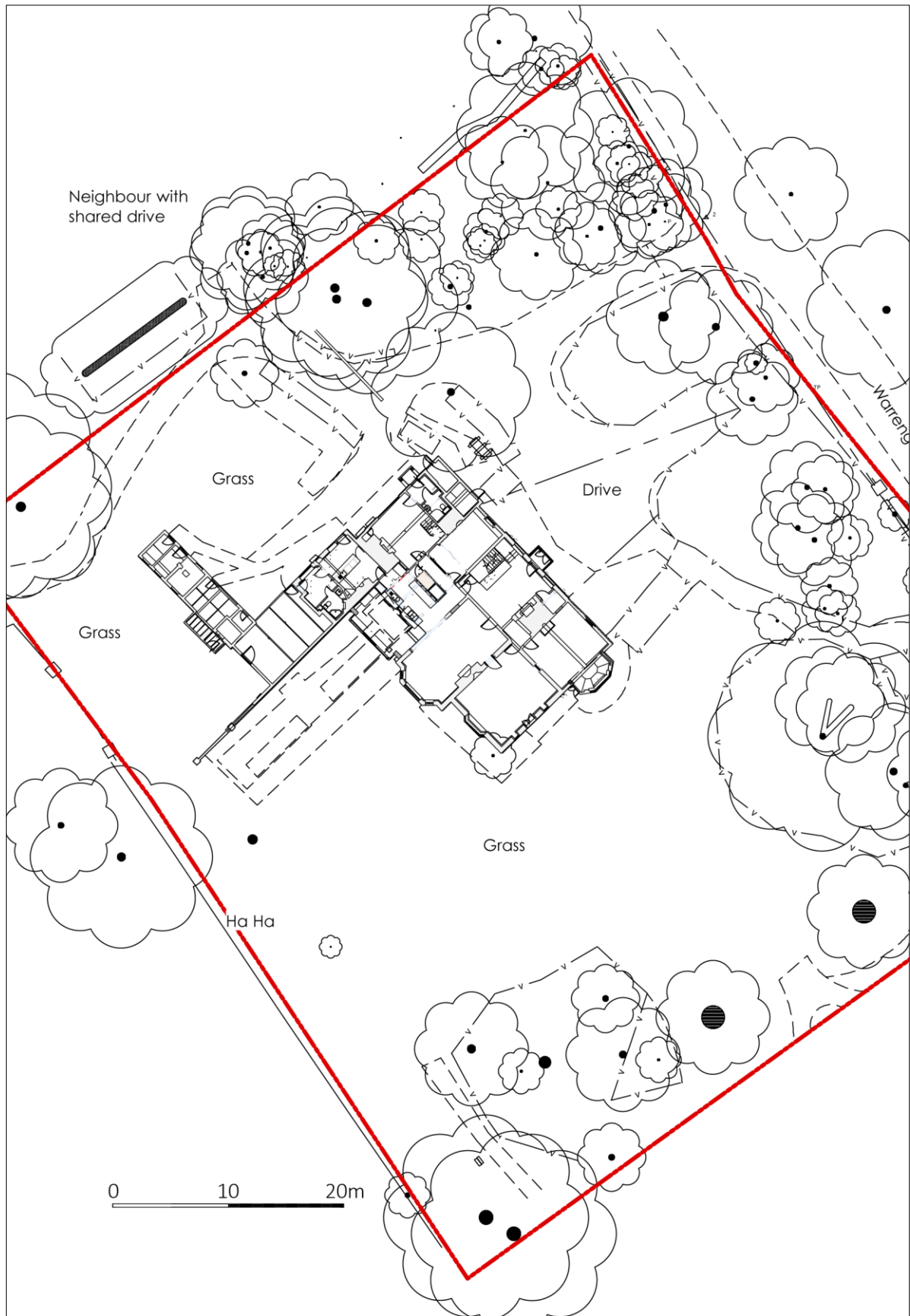


Figure 3: Proposed development (scale as shown)



2 Aims & Methods

2.1 Aims

As described in the Written Scheme of Investigation (Shlasko 2019), the aims of the project were:

- To compile a record of the buildings prior to development
- To examine the structural history and development of the building in relation to its historical and geographical context
- To ensure the archaeological recording of all aspects of the development programme likely to have an impact on the historic fabric of the building before and during the works
- To provide sufficient information on the historic and architectural significance of the building that will place the findings of the investigations in their local and regional context
- To provide a report that meets the requirements of the National Planning Policy Framework
- To establish the date, nature and extent of activity or occupation within the development area
- To establish the relationship of any remains found to the surrounding contemporary landscape
- To recover palaeo-environmental remains to determine local environmental conditions.

2.2 Standards

The work conformed to the following requirements:

- ClfA 2019 *Standards & Guidance for the Investigation and Recording of Standing Buildings or Structures*. Reading: Chartered Institute for Archaeologists
- ClfA 2020 *Standards and Guidance for an Archaeological Watching Brief* Reading: Chartered Institute for Archaeologists
- The Chartered Institute for Archaeologists' *Code of Conduct* (ClfA 2019)
- Current English Heritage guidelines (HE 2015, HE 2016, EH 2008)
- The Association of Local Government Archaeological Officers East of England Region *Standards for Field Archaeology in the East of England* (ALGAO 2003)

2.3 Methods

The work was carried out according to the Written Scheme of Investigation (Section 2.1), which required:

- A programme of historic building recording to Historic England Level 3 (HE 2016).
- A watching brief on building works involving significant disturbance to the historic fabric of the building/s.

2.4 Constraints

The constraints were limited to those often found on working sites, where elements of the historic fabric were obscured or difficult to access. This did not unduly hamper the surveys or hinder the interpretation of the structure.



Historical Background

- 3.1 The earliest evidence for human activity in the general area around the village of North Mymms dates from the Palaeolithic, though it is an area of limited archaeological interest. The village is first documented in the Domesday Survey 1086, where it is listed as *Mimmine*. The toponym has had numerous forms (e.g. *Northmymmes*, *North Mims*) and was not fixed until the early 20th century (NMHP 2021). The 'North' element of the toponym was appended to distinguish it from South Mimms in Middlesex, whereas the latter component may have been an otherwise unknown ancient tribal name (KEPN 2021).

The following section provides a summary of the readily available historical background to the site and its environs. This section has been compiled with information from the Hertfordshire County Council Historic Environment Record (HER ref: 76/19), KDK's own library, and reliable online sources. The HER data, with a 1km search radius, is shown in Fig. 4.

- 3.2 **Prehistoric (before 600BC), Iron Age (600BC – AD43) & Roman (AD43-c.450)**

Scant remains dating to these periods have been found within the HER search area. The earliest evidence for human activity is a Palaeolithic implement (HER 1708) found at North Mymms, c. 1km northeast of the development, was exhibited to the Society of Antiquaries in 1871 by John Evans. Mesolithic flints (HER 6233, 6264), consisting of blades and flakes, were found near South Mimms Castle, c. 1200m to the south, in the 1970s. Late Iron Age pottery, was also found near south Mimms Castle (HER 6233), along with Mesolithic flints, were found during observation of the cutting of a drainage ditch alongside the western carriageway of the A1(M), during the construction of the motorway. Three of the sherds are from a large grog-tempered jar and the remaining sherd is from a plate, which is a local variant of pre-conquest copies of imported plates and was probably made at Verulamium. The two vessels date to c. AD 20-50.

- 3.3 **Saxon (c.450-1066) & Medieval (1066-1500)**

The present day village dates back to at least Saxon times and it is listed in the Domesday Survey of 1086 as held by the Bishop of Chester, with a recorded resources that included land for 13 ploughs and woodland for 400 pigs (Powell-Smith 2021). A manor of North Mimms was held before the Conquest by three thegns, Queen Edith's men, who were able to sell it (Page 1908). North Mymms is included in a list of possible deserted medieval villages (HER 1013) though it is doubtful. This is based on the assumption that a medieval manor house and church would have had an adjacent nucleated village, and therefore a house and church alone, as found in the post-medieval park, implied a deserted settlement. The Domesday Book records 29 households within the manor, which is a fairly high number, but Hertfordshire's pattern of settlement is almost entirely one of dispersed hamlets, and there is no evidence that a 'village' existed here. The agricultural basis of the local economy, and the medieval strip fields, is adumbrated by the ridge and furrow cropmarks (HER 18089) located by Bradmore Lane and Station Road at North Mymms.

A later Manor of Potterells (HER 10421) is documented in the 15th century as appurtenant to the manor of Brookmans. It was sold in 1632 to Thomas Coningsby of North Mymms Park, and after 1658 it became the family seat and a house (HER 10422) of importance. Whether the medieval manorial site was at the site of the post-medieval house, or at Potterells Farm (HER 18579) 500m to the north, is unknown.

The parish Church of St Mary the Virgin (Grade II*, List Entry 1100951; HER 4847) is situated within the post-medieval park (HER 9593). It dates from the 14th century and the original grant to build the church was awarded to Simon de Swanland, Lord of the Manor, in 1328.



One of the most notable monuments is the South Mimms motte and bailey castle (Scheduled Monument 1009433; HER 95) that is located about 1.25km north-west of South Mimms village, and approximately 1.2km south of the development. It is a 12th century motte and bailey that may have been built by Geoffrey de Mandeville in 1141 with a licence from Matilda and it was probably destroyed in 1143. The motte is c. 9m in height and 35m in diameter at the base, and is situated in the northwest corner of a kidney-shaped bailey that measures 125m north-south by 110m east-west and is surrounded by a bank and ditch. It is possible that earlier manorial buildings (and/or a chapel, as there appeared to be an apsidal structure that was revealed during archaeological investigations in the 1960s) were demolished when the castle was built. The 'motte' is unusual, but not unique, in its construction and purpose. The timber tower was built first, and earth built up around its base to ensure stability, with access into the tower through a timber-lined tunnel. The visual result was not one of a raised mound within the bailey.

During the A1(M) road widening scheme in April 1977 the stretch of motorway near South Mimms Castle revealed a pit (HER 4835) with 11th-14th century pottery, iron slag fragments and burnt clay daub. The pit is in the vicinity of the supposed outer bailey of the Castle, but 13th-14th century sherds, including a decorated sherd and glazed jug rim. Other local finds include a 12th or 13th century grey ware body sherd from a ploughed field between South Mimms Castle and the widened course of the A1(M); and a small, undated, iron ball (HER 4837), possibly an iron cannon ball or a musket ball.

3.4 Post-Medieval (1500-1900)

The Grade I (List entry 1100946) North Mymms Park with adjoining garden walls and Ha Ha is a country house built for Henry or Sir Ralph Coningsby about 1600, and probably before 1596. It was altered on the courtyard side in 1846-7 by E Blore, and extended on same side in 1893-4 by Sir Ernest George and Yates. It is, apparently, the original manor of North Mymms from which the smaller Manors of Brookmans, Gobions, Potterells and possibly Parsonage became separated in the late 13th or early 14th centuries (NMHP 2021). The house is a beautiful example of 'Jacobean' work, dating from the close of the sixteenth century. Its interior has, however, been re-modelled and altered at various times and it now houses a collection of exquisite tapestries that are probably unrivalled in this part of England. North Mymms park, deerpark, and garden (HER 9593), the setting for the house, is a post-medieval park shown on all maps from 1766 onwards. The parish church is also surrounded by other monuments such as Church Cottage (Grade II, List Entry 1100953), the Old Vicarage (HER 17352), and Grade II tombs in the churchyard.

North Mymms is also home to the Hawkshead Campus of the Royal Veterinary College (RVC), which is situated at Hawkshead Farm, on Hawkshead Lane. The farmhouse (Grade II, List Entry 1174039; HER 9951) is a listed farmhouse built in the 16th century or earlier, with a mid-17th century northwest wing, and brick casing and front range put up in late 18th or early 19th century. The campus is about 27 km north of central London and was officially opened by Queen Elizabeth II in 1959.

This is the period in which the development site was constructed. Abdale House/Northside (Grade II, List Entry 1174939) is thought to date from the 16th or 17th century, with substantial renovations and additions in the 19th century. The site is situated in a secluded rural location set back from Warrengate Road; it is discussed in detail below.



3.5 Modern (1900-present)

The economy of the parish has remained predominantly agricultural, though it was not just cereal-based as Home Farm (HER 9344), adjacent to North Mymms Park, was built in 1903 as planned dairy farm.

Few monuments dating to this period are listed in the HER search area, and most relate to World War II, including the anti-tank obstacles on Bradmore Lane (HER 6717); the site of an American hospital in North Mymms Park (HER 9407); and the site of an anti-aircraft gun (HER 9408) adjacent to A1(M).

The final entry in the HER search area is for undated cropmarks of ditches (HER MHT31590) located c. 100m north east of the development site at Abdale House. This consists of two widely spaced linear ditches running SE-NW across the southwestern part of the field to the west of Brick Kiln Wood. The faint remains of a linear running perpendicular to the northern ditch are apparent, perhaps suggesting the presence of a field system pre-dating the 1844 North Mymms Tithe Map. A faint rectilinear enclosure may also be present, a few metres to the north of the two linears.

3.5 Site specific

Abdale House/Northside is a Grade II listed building, originally one residence, which was divided into two residences in the 1950s. The listing description reads (NHLE Ref:1174939):

House. C16 and C17, altered and extended to form large L-plan block in mid C19. Timber frame core. Roughcast, some of the framing exposed. Plain tile roofs. 2 storeys and attics. C16/17 house comprises 2-window centre and gabled cross wings left and right with scalloped bargeboards. The left one has an attic floor and a taller rear section which may also be C17 timber frame. C19 casements and sash windows. Tudor drip moulds to all windows.



Plate 1: Abdale House

Preliminary research conducted for a Heritage Statement (Weal n.d.) suggests that the site of Abdale House may have originally been part of Water End Farm. The earliest history of the building is unknown, although the house is thought to be 16th or 17th century in origin, with substantial renovations and additions in the 19th century. By the 1830s, it was described in sales particulars as a six-bedroom house with all the appurtenances of a gentleman's country residence: stables, coach house, four servants' rooms and other necessary outbuildings (*ibid*).



After a century of occupation as a genteel residence, and multiple owners, in the late 1930s the house was requisitioned by the Ministry of Works for the war effort. Available correspondence from this period indicate that Abdale House was used by the Polish government-in-exile as both a wireless station for the Polish Air Force (apparently set up in the cellar), as a home for the families of government officials, and for training their couriers to Poland (HALS Ref S1/6a/00/29/1) Sklenarz 2011). It was also rumoured that the house was used as a summer residence by King Peter of Yugoslavia (*ibid*) or that he spent Christmas there during the war. In 1946, the property was transferred by the Ministry of Works to Welwyn Garden City Urban District Council and refitted as six flats to accommodate employees, and their families, of the De Havilland Aircraft Company (P6-8). Abdale House was then purchased in 1956 as a private residence by the Trenchards family (Conveyance 2 nd Schedule (1956)). In 2018 the property was purchased by the present owners.



4 Description

- 4.1 The survey sheets that detail the various rooms and provide the basis for the following description can be found in Appendix 1. Each sheet has the photographs taken during the initial site survey and those from later monitoring visits, and these are shown on the floor plans in Figures 7-10.
- 4.2 Abdale house is a predominantly 2-storey structure with a basement and attics in the crosswing to the east. The front elevation (Fig. 3; Photos 14-17), which for the purposes of this description is considered to face north, is a late Victorian alteration to a medieval timber framed structure, much of which was exposed during the course of the project. Later extensions are evident in the roofline and building material beneath the render to the south and east of the house (Figs. 4 & 5; Photos 1-13). The west elevation gives access to what later became a separate dwelling and was constructed in two phases (Figs. 5 & 6; Photos 18-21).
- 4.3 The house originated as a 2-bay medieval hall house with a crosswing to the west and east. It has undergone numerous alterations and extensions since it was first constructed, most notably in the 18th century when the east wing was extended southwards and in the later 19th century when main range was rebuilt, bringing the original frontage forward to align with the crosswings, a large room was added to the south of the entrance hall and the small adjoining rooms were rebuilt. The south end of the east wing was also heightened at this stage. Abutting the west of the original house is a range that appears to have been first constructed in the late 16th/early 17th century with later extensions dating from the 18th century. This had been converted to create a separate dwelling with its main entrance in the west elevation.
- 4.4 The earliest part of the house is the western crosswing, which possibly could date from as early as the 14th century. It has external curved braces, wattle and daub infill and a timber mullioned window in the west wall at first floor level that was blocked when the adjoining range was constructed. This wing encompasses a kitchen (Room G8; Photos 80-90) and a walk-in pantry (G7; Photos 78-79). At first floor level, the rooms that fall within the wing are the study (F11; Photos 178-191), back stair (F18) and washroom (F14; Photos 197-198). A brick-built fireplace with a 4-centred arch was installed in both the kitchen and the study above in the 16th century, both of which were blocked and replaced in the 19th century. The north wall was rebuilt in the late 19th century, when a new window was added on both floors. Breeze block infill between the posts in the north wall of the kitchen are clearly indicative of 20th century work. The original timber frame was made of robust timbers; the principal posts being up to 28cm wide. Redundant tenons could be seen at the top of the principal posts in the kitchen and the study. Timbers of lesser scantling are most apparent in the south wall of both rooms, where the narrower studs forming the 18th century partition walls are more irregularly placed and covered with lath and plaster. Wattle and daub was exposed on both the east and west walls of the study. The wattles to the east had been entwined around studs rather than staves, as is the norm. The study floor had presumably been replaced as the joists, which were 20cm wide on 45cm centres, support quite narrow floorboards that are only 9cm wide. The brick infill in the east wall of the kitchen and the west wall of the study are 19th century, and may well have been part of a wider building programme between 1886 and 1895. The roof (R2; Photos 238-9) has sawn and hand-hewn timbers (15 wide and 40cm apart), pegged at ridge, with evidence of later repairs at northern end. There is a single purlin on either side and wind braces at the southern end on both sides. The double chimney to the west has been repointed and is partially overlapped by the adjoining roof to the west.



- 4.5 The timber frame that was partially exposed in the north wall of the former east wing was seen to be set on a brick supporting dwarf wall that was approximately 40cm high. It had been faced with tiles, but where apparent the bricks were 12 x 6cm. The timbers are generally of lesser scantling than in the crosswing, with the principal posts being no more than 16cm wide, and this along with the use of internal bracing would suggest a date of c.1600. The roof has hand worked rafters, pegged at the ridge with some carpenter's assembly marks apparent. A dormer window was installed in the 19th century.
- 4.6 Close studding was revealed in the east wall with tension braces in the north, south and east walls at first floor level (Room F4; Photos 143-154). The studs in the latter are mostly later replacements and bonding timbers are prevalent throughout. Although the reworking of the south wall appears to be a single phase of 18th century date, the north and west walls have been extensively re-worked, with only a few original studs surviving to the west of the window in the north wall. The west wall was largely rebuilt in the 19th century when the fireplace was installed. The remains of a 4-centred arch survive behind a later fireplace in the room below, (G2; Photos 44-57), which also has a spinal beam with lamb's tongue chamfer stops, a feature commonly used between 1560 and 1650. The room was extended to the south in the 19th century to house a canted bay window and French doors. The roof over the east crosswing (Fig.15 ; R6 & R7; Photos 254-255, 257-260) is probably the original and has 8 cm wide pegged rafters on 35-45cm centres. Some carpenter's marks are still visible, as are some widely spaced saw marks, which could have been either the result of being cut in a saw pit or an early mill.
- 4.7 The central section of the original medieval house (Rooms G1; Photos 24-43, F1-3; Photos 121-142) was heavily rebuilt in the late 19th century. The original north wall was demolished and a brick wall constructed approximately 1m further northwards, the ceiling of G1 was entirely rebuilt and has two rows of scissor bracing between the newer joists. The first floor was re-configured with new stud partition walls using machine cut timbers with primary bracing were installed to form Rooms F2 and F3 off the landing (F1). The roof was entirely replaced over this part of the house; the rafters are clearly machine cut 2 x 4" with a ridge board and a single purlin to the south (Photos 235-237) It has a square, 4 stack chimney at the eastern end of the roof, built of red brick and cement with evidence of later repairs. As part of the rebuilding, the hall was given a new staircase and fireplace, although a medieval arch was retained above the opening to the west wing.
- 4.8 An early addition to the medieval house was the timber framed structure to the west housing Rooms G11 (Photos 98-106) and F15 (Photos 199-207). The scantling of the timbers as well as the framing and the lambs tongue chamfer stop on the ground floor beam suggest that this dates from the early 17th century. It has a butt purlin roof with oak rafters, each rafter couple being braced, and a wind brace in the northwest and southeast corners. There is no ridge beam or post; the rafters are all pegged, and many have carpenter's assembly marks. This building was extended in the 18th century to provide additional 2-storey accommodation to the south (Rooms G15; Photos 113-116, G16; Photos 117-120 & F16; Photos 208-212) and single storey store/service rooms to the north (Rooms G9; Photo 91) & G10; Photos 92-97). The roof over the F16 (R5; Photos 242-250) has hand sawn rafters, many of which have been supplemented by machine cut timbers as the originals have failed. The double chimney at the north end has been repointed in cement mortar, but an area of lime mortar still visible.
- 4.9 Further 18th century alterations to Abdale House include the construction of Rooms G3 (Photos 58-66)/F5-F6 (Photos 155-164) to the south of the east crosswing. The walls are entirely of brick although timber studs were applied to the ground floor walls to support the full height panelling. Of interest is the clear break in the brickwork in the west wall immediately to the north of the



fireplace in G3. This is also evident in the later room to the west, G4, where the brickwork to the north of the fireplace is earlier than that to the south. This would suggest that an earlier, albeit smaller room was replaced during subsequent building programmes. The northern section of ceiling in G3 is curved to accommodate the staircase rising from the room above (F5; Photos 156-159) to the attic rooms. The rooms on the upper floors have no particular features of interest. The roof over this section of the building has machine cut rafters and is likely to have been rebuilt in the 19th century when the attic rooms were created.

- 4.10 The extensive rebuilding works of the late 19th century included the construction of a large room (G4; Photos 67-73) to the south of the hall with a bedroom (F7; Photos 165-169) above, lit by a double height canted bay window to the south. Whereas the earlier ground floor room was incorporated into the new structure to form a large reception room, the associated first floor rooms (F8; Photos 170-172 & F9; Photos 173-175) were converted to form a passage/store (F8) and dressing room lit by a skylight (F9). At the same time, store G14a and bathroom G6 (Photos 76-77) were rebuilt and the adjoining passage and the adjacent passage (G5; Photos 74-75) was extended. It is at this time that the canted bay windows to G2 and G3 were added, and a French door under a rectangular drip mould installed in the east elevation of G3. The most significant alteration was undoubtedly the rebuilding of G1 (Photos 21-43), the central section of the medieval structure. The north wall was demolished and rebuilt in brick approximately 2m further north, and the interior gutted and rebuilt. The attic rooms also appear to have been created at this time, certainly above G3 where the rafters are machine cut, and, given the nature of the internal fittings and the dormer window, those to the north of it, too.
- 4.11 More recent work to the building was evident when the timber floor was removed in G4 to reveal brick over concrete which is 23cm deep that houses a series of service ducts at the northern end of the room. Probably of greater interest, however, is the hand cranked telephone in the stairs under the hall (Photo 33). This is a MK. XV A.P 13231 British Admiralty sound phone of the type used in World War II to communicate between different parts of the ship.



Figure 5: North elevation showing the timberwork exposed during the building works (scale 1:100)



Figure 6: South elevation (scale 1:100)



Figure 7: East elevation (scale 1:100)



Figure 8: West elevation showing the timberwork exposed during the building works (scale 1:100)

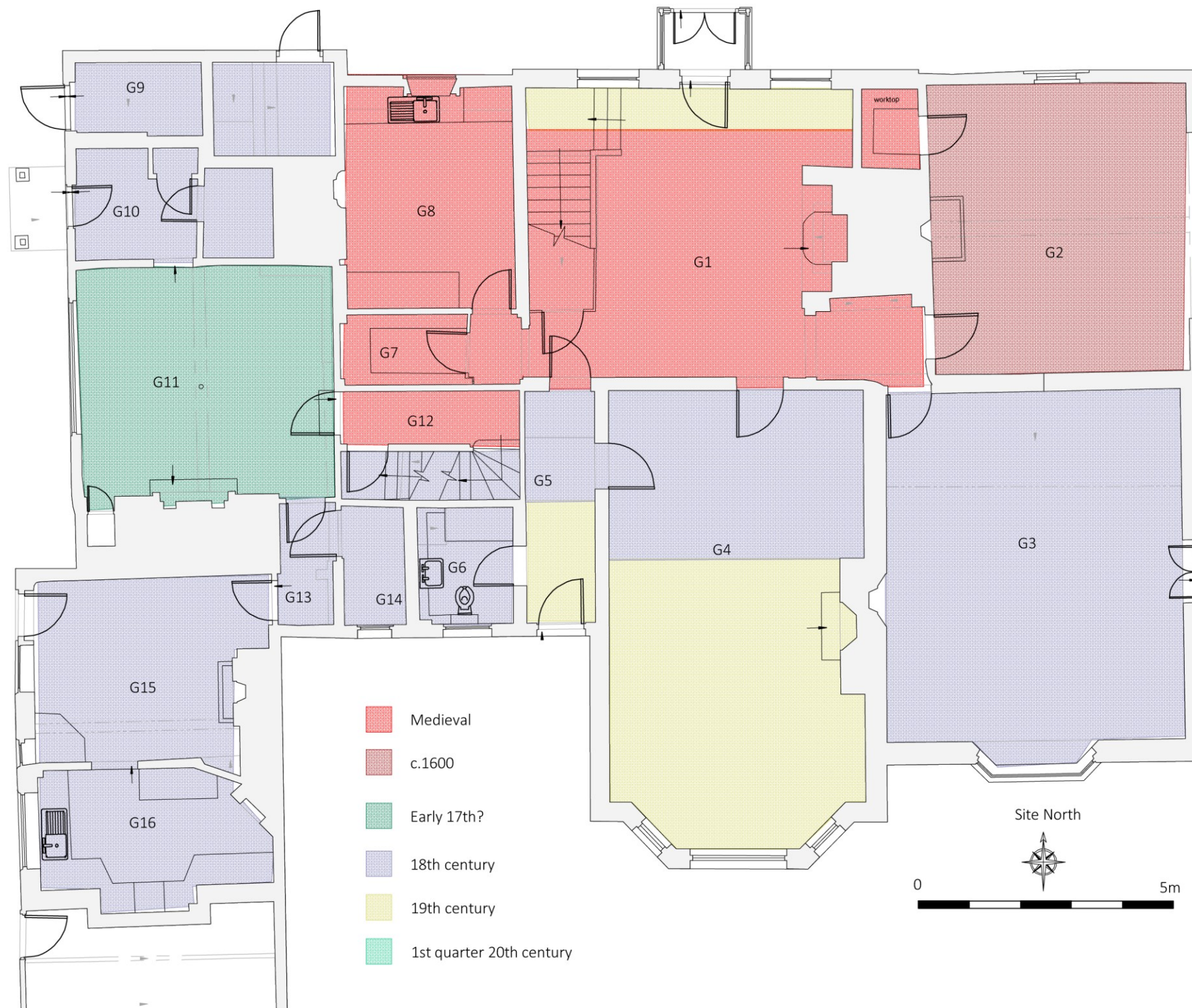


Figure 9: Phase plan (scale 1:100)

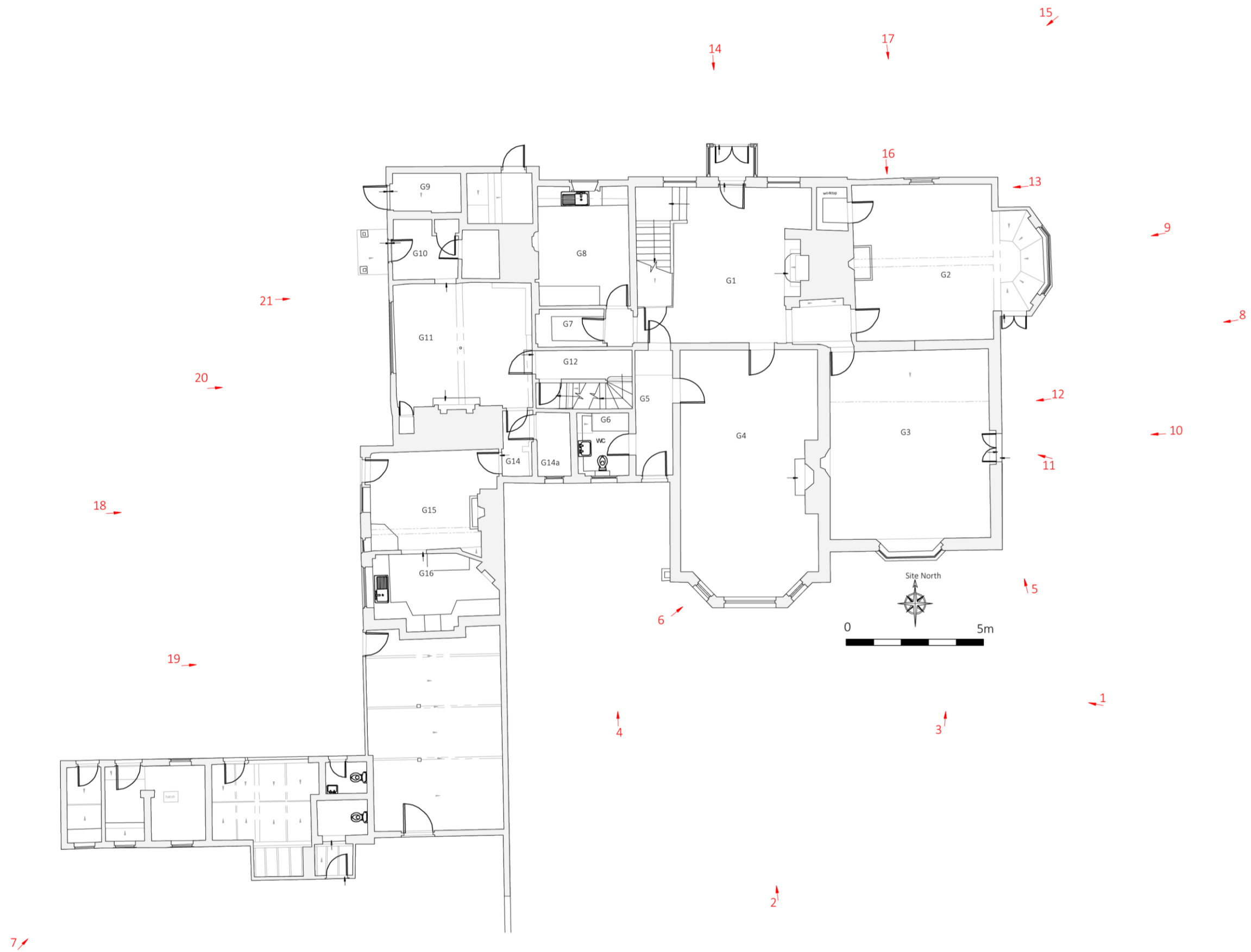


Figure 10: Exterior photos plan (scale 1:125)



Figure 11: Basement photo plan (scale 1:100)

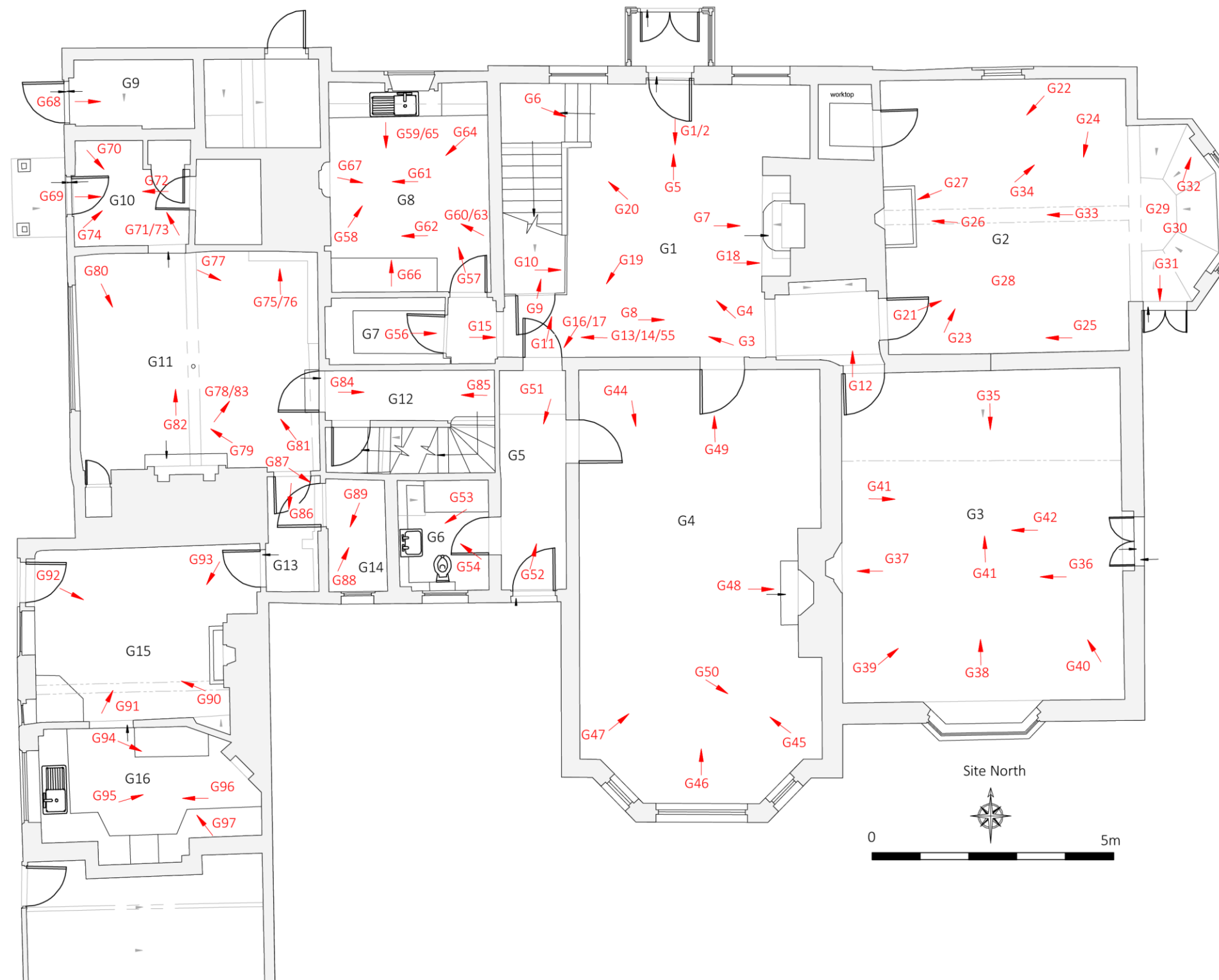


Figure 12: Ground floor photo plan (scale 1:100)

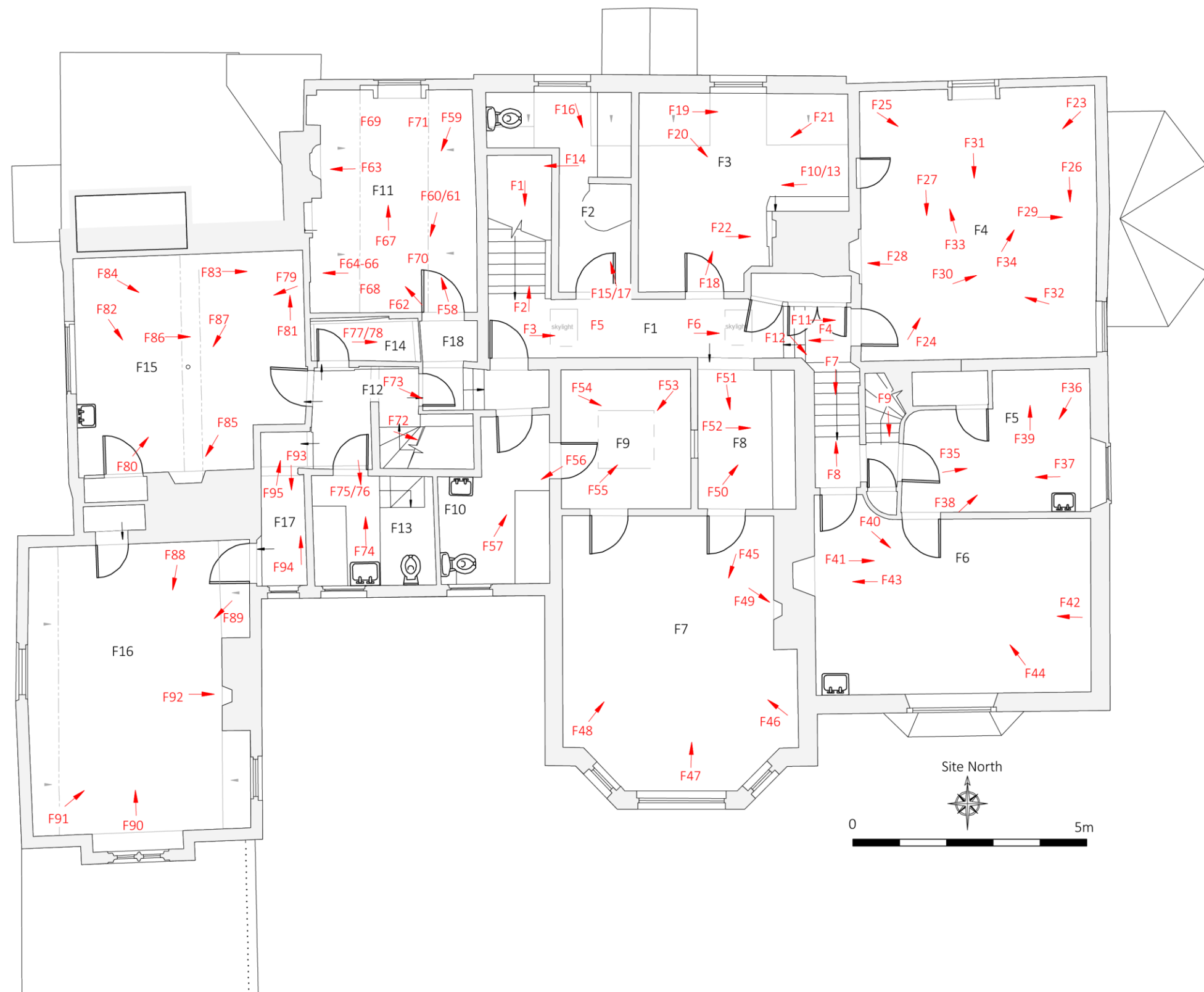


Figure 13: First floor photo plan (scale 1:100)

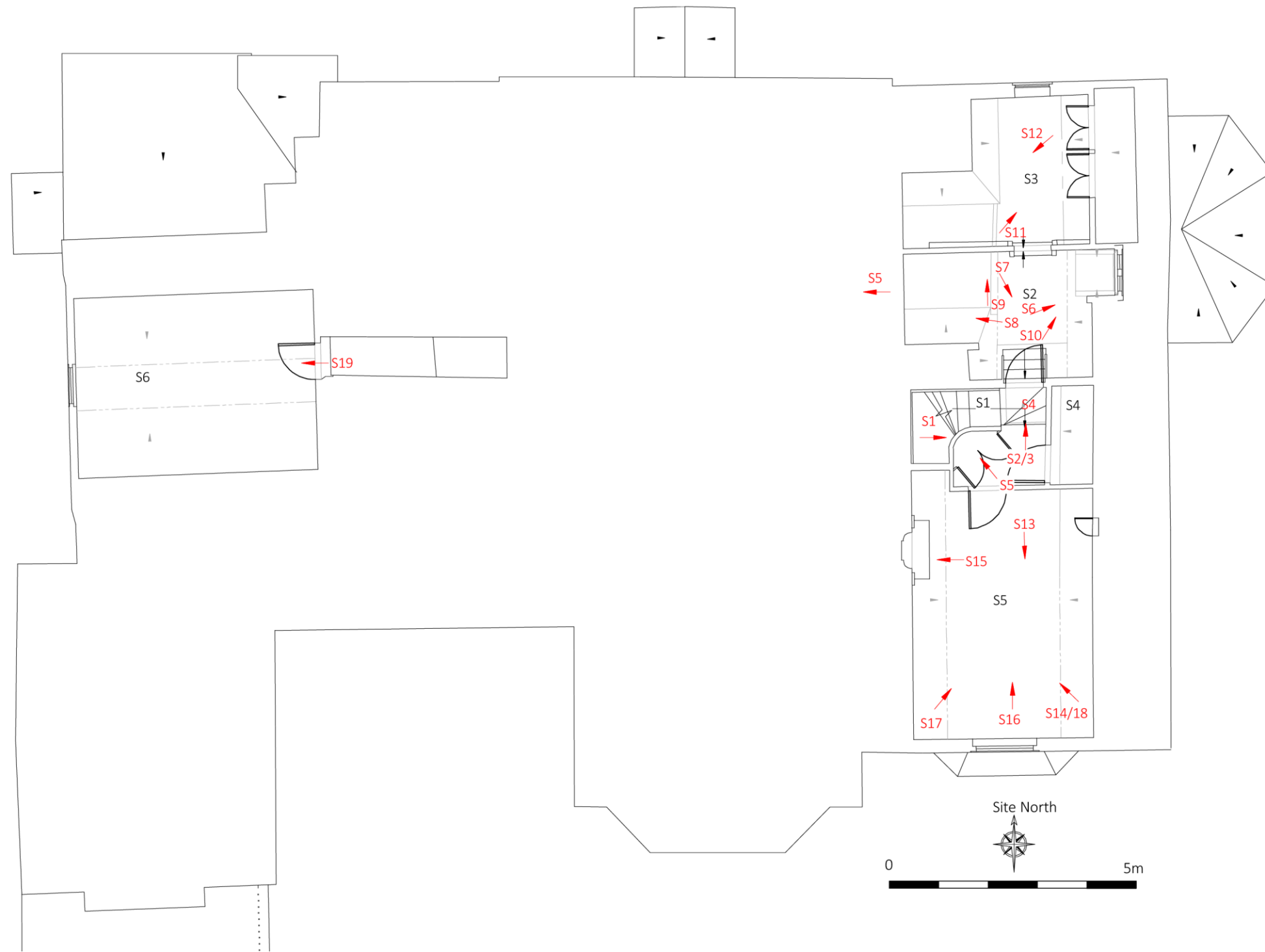


Figure 14: Second floor photo plan (scale 1:100)

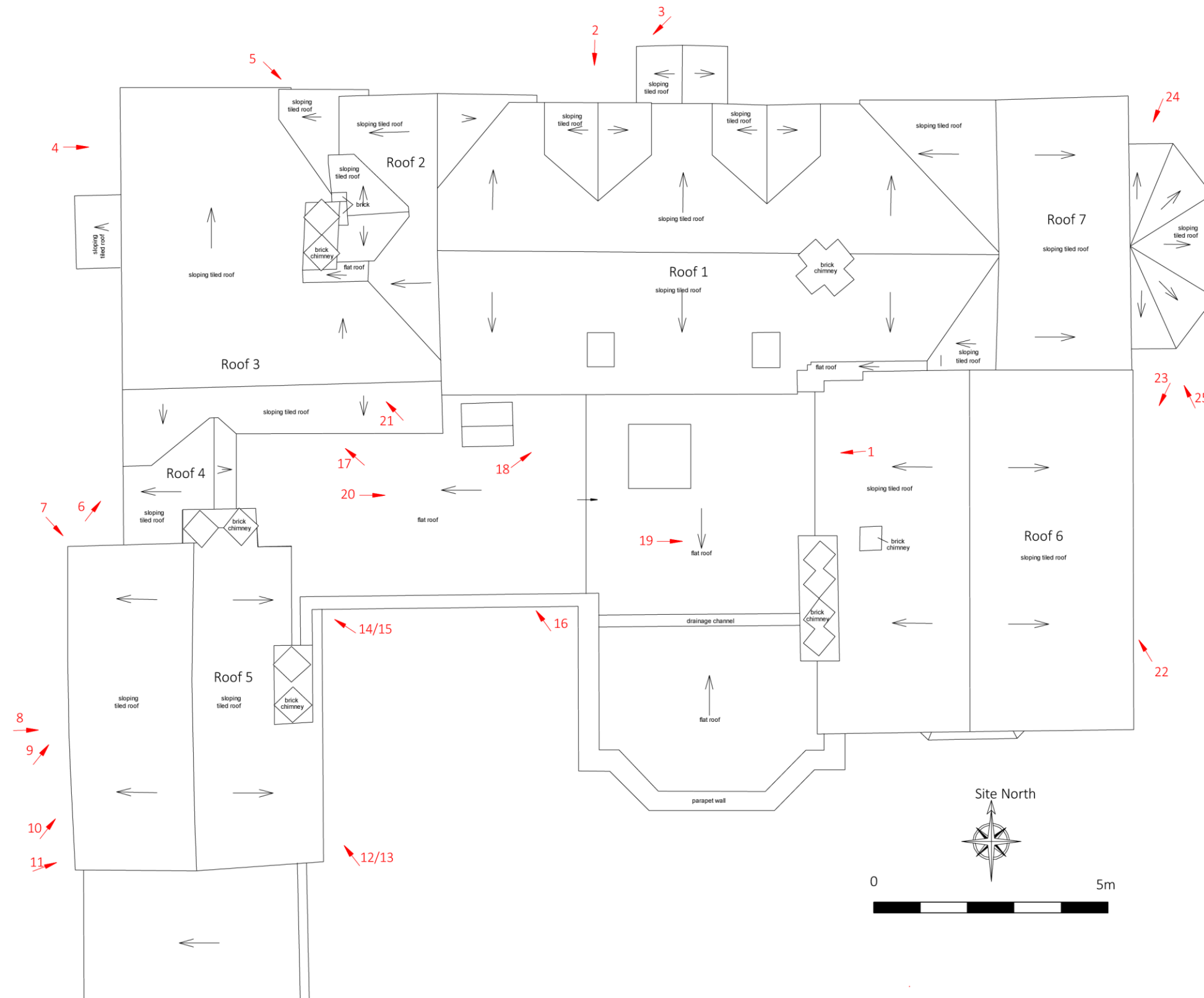


Figure 15: Roof photo plan (scale 1:100)



Figure 16: West wing timberwork (scale 1:75)

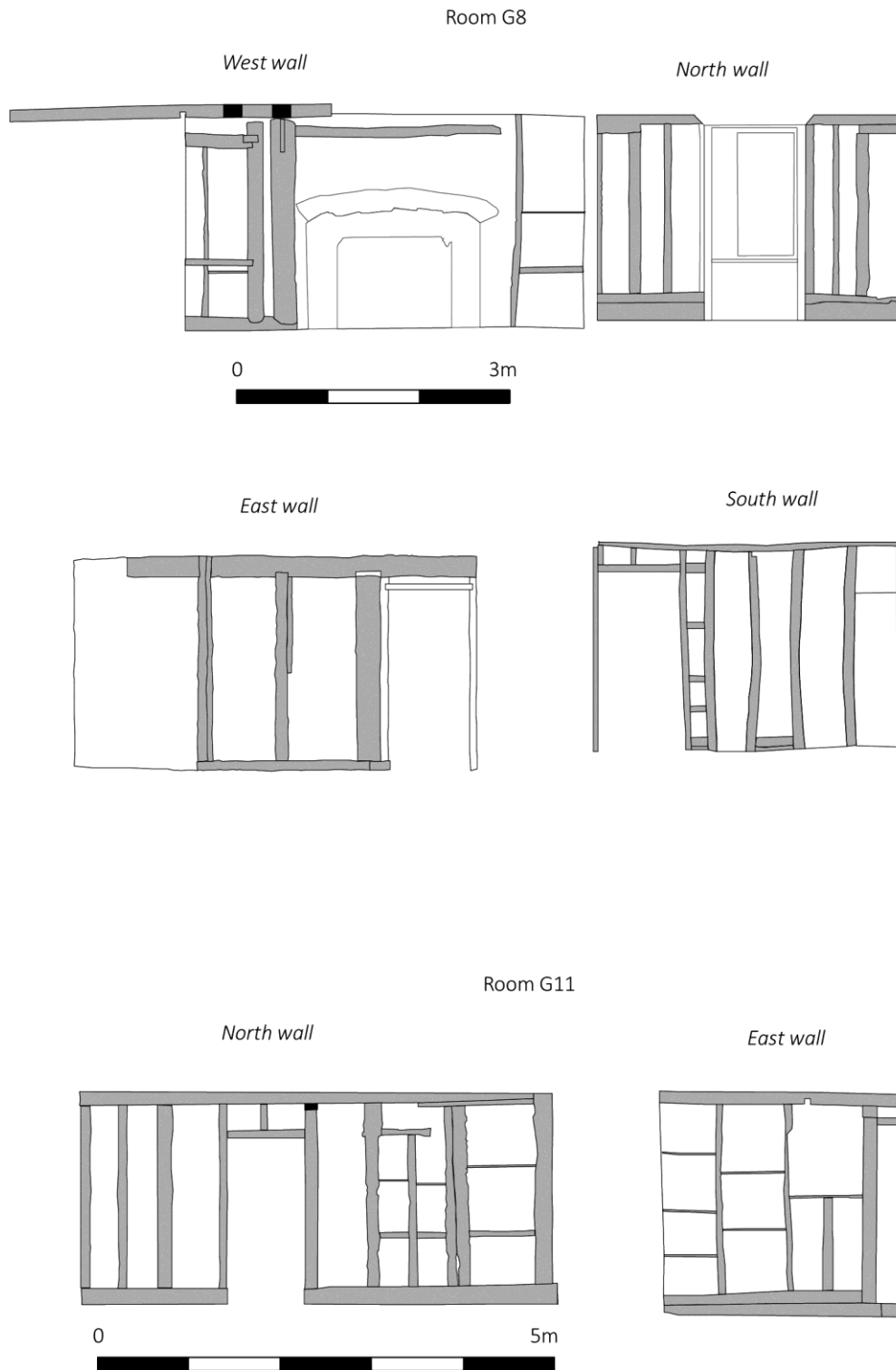


Figure 17: Rooms G8 and G11 timberwork (scale 1:75)

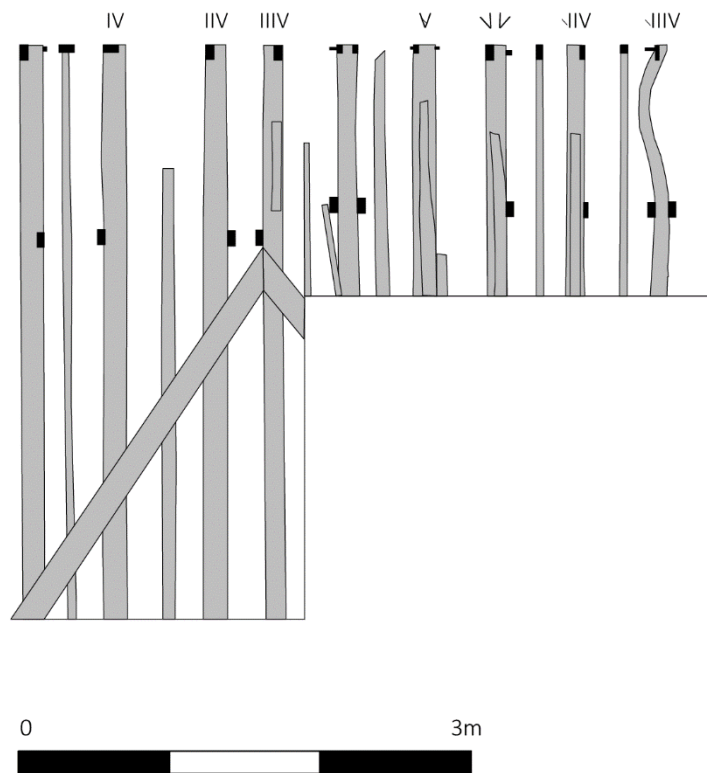


Figure 18: Roof over G11 (scale 1:50)



Figure 19: Room F4 timberwork (scale 1:75)

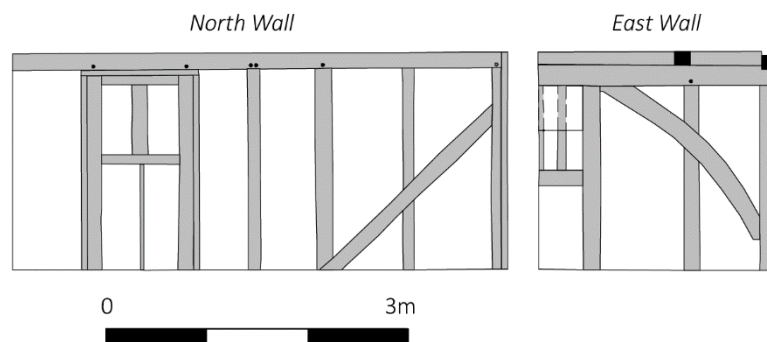


Figure 20: Room F15 timberwork (scale 1:75)



5 Archaeological Watching Brief

A series of site visits were undertaken to monitor and/or inspect groundworks to the south and the west of the building (Fig. 21).

French Drain

A French drain was hand dug to the south of the early 20th century outbuildings (Plate 2). This was between 0.40m and 0.45m wide, and 0.30m deep, reaching the interface between the top and subsoil in places. No archaeological features were revealed but a single piece of animal bone, a shell, a few blue and white ware fragments and a small milk bottle of the size once given to schoolchildren were recovered but not retained.

Another French drain was excavated along the east and south elevations as far as the western end of Room G4 (Plates 3-5). The drain, which was hand dug around the scaffolding posts, was c.0.30m wide and 0.30m deep. The east elevation as well as the south wall of G3 had been underpinned with concrete foundations (Plate 4) but the late 19th century brick foundations for G4 had not been altered.

Structural Test pits

Two test pits were excavated by hand to the rear of the building (TP1-2), adjacent to the exterior wall. TP1 was 0.5 x 0.4 x 0.85m deep and TP2 0.5 x 0.5 x 0.60m deep. The stratigraphy exposed within consisted of 1.45m of various layers of made ground (Plates 6-9):

- Made-ground (100): Compact, mid greyish brown, clayey silt, with occasional fragments of red brick (<0.05m), rounded pebbles (<0.05m), and frequent roots; this layer was c. 0.40m in depth.
- Made-ground (101): The sediment in this layer is macroscopically similar to made-ground (101), except that is slightly darker in colour, which is probably due to higher moisture content. The inclusions are also similar, but it lacks any obvious rooting. This layer was >0.45m in depth.
- Made-ground (102): Same as (100), but the pebble inclusions were more frequent. This layer was c. 0.20m in depth.
- Made-ground (103): Same as (101). This layer was >0.40m in depth. The foundation revealed within this TP was based on a layer of concrete.

The natural geology was not revealed at the base of either test pit and the made-ground layers were evidently built-up against the brick walls of the building. The foundation revealed within TP2 was based on concrete, whereas that within TP1 was brick. These test pits were later extended by hand and another was dug entirely within the footprint of the building: Trenches 1-3 (TR1-3) were sized between 1.8 x 1.2-1.3m and 1.2 x 0.8m, with a total area of 5.35m² (Plates 10-17). Tr1 is described in detail as it exposed the stratigraphic sequence within the footprint of the building. Tr2-3 revealed the same stratigraphic sequence as TP1-2, except for Tr2 which also included the sequence described below. The stratigraphic sequence exposed within Tr1 comprised (Fig. 22):

- Wall Stub [104]: A fragment of an interior wall built from bricks measuring 26 x 7cm ($10^{15}/64 \times 2^3/4$).
- Concrete Foundation [105]: This feature measured (W)0.50m x (D)0.28m, and included fragments of red brick.



- Floor Foundation I (106): This layer consists of concrete with inclusions of brick fragments and flint (c. 0.04m), and is 0.15m thick. This layer was the foundation for an interior floor.
- Floor Foundation II (107): This layer comprised concrete and red brick fragments that was probably used to provide a stable foundation for layer (106); it measured (W)>0.44m x (D)0.23m, and continued into the eastern baulk.
- Cut [108]: Layer (107) appears to have been laid within a cut into layer (109).
- Made-ground (109): Compact, light brown, sandy silt, with frequent inclusions of rounded to angular flint (<0.03m-0.10m). This layer was 0.56m deep and was present in all Tr1 sections.
- Made-ground (110): Compact, reddish brown, sandy silt, with occasional rounded flint (<0.03m)
- Floor Foundation III (111): This layer had the same constituents as Floor Foundation I (106) and was the same thickness, and provided a foundation for an interior floor.
- Floor Foundation IV (112): This layer was present in the western half of TR1 and probably provided a stable foundation for layer (111).

No certain indication for any trench-cut for the placement of wall [104] was evident in either the north or south sections of Tr1. The natural geology was not revealed at the bases of Tr1-3.

Ground Reduction

The footprint of the new conservatory was reduced by c.0.50m (Plates 18-19), through a concrete slab, and a patchy mixture of made-ground and topsoil. The ground reduction, which was done by a mini-digger, cut into a mid brown, sandy clay subsoil by up to 0.15m in places.

Service Trench

The excavation of a dog-legged 15m long x 0.60m wide service trench to the west of the building exposed a brick-built conduit and dumb well, a water storage tank for run off from the roofs (Plates 20-21). The dumb well was c.2m in diameter with a domed top and a 0.57m opening. The original 5cm diameter lead pipe was still *in situ*, and the bricks (9 ½" x 4" x 2 ½") were orange/red clay with no inclusions and bonded with a sandy lime mortar. The pipe conduit was made of the same brick. Both features were covered with thick stone paving slabs that were up to 3" thick, which probably formed a footpath. The trench was hand dug to a depth of c.0.30m.

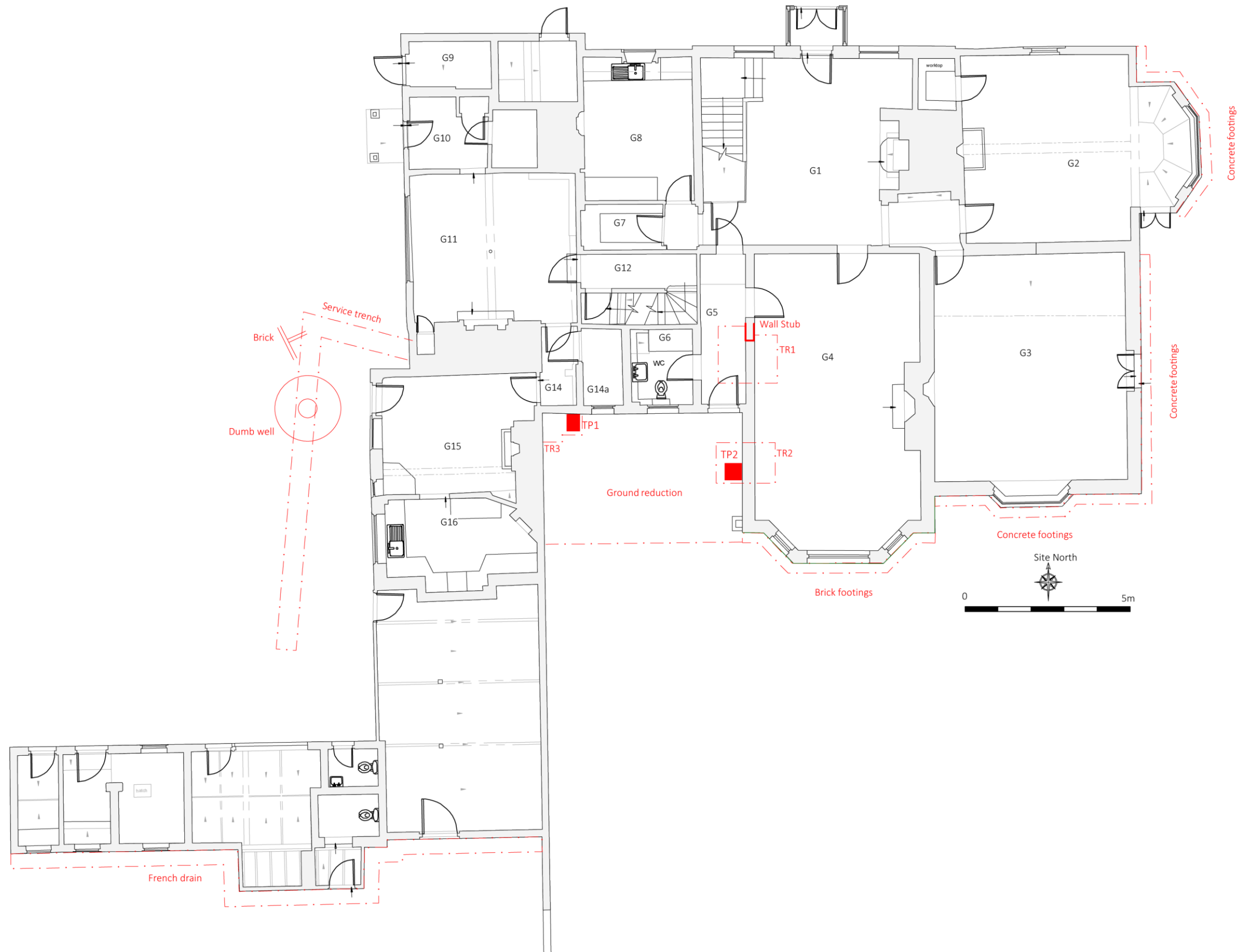


Figure 21: Archaeology plan (scale 1:125)

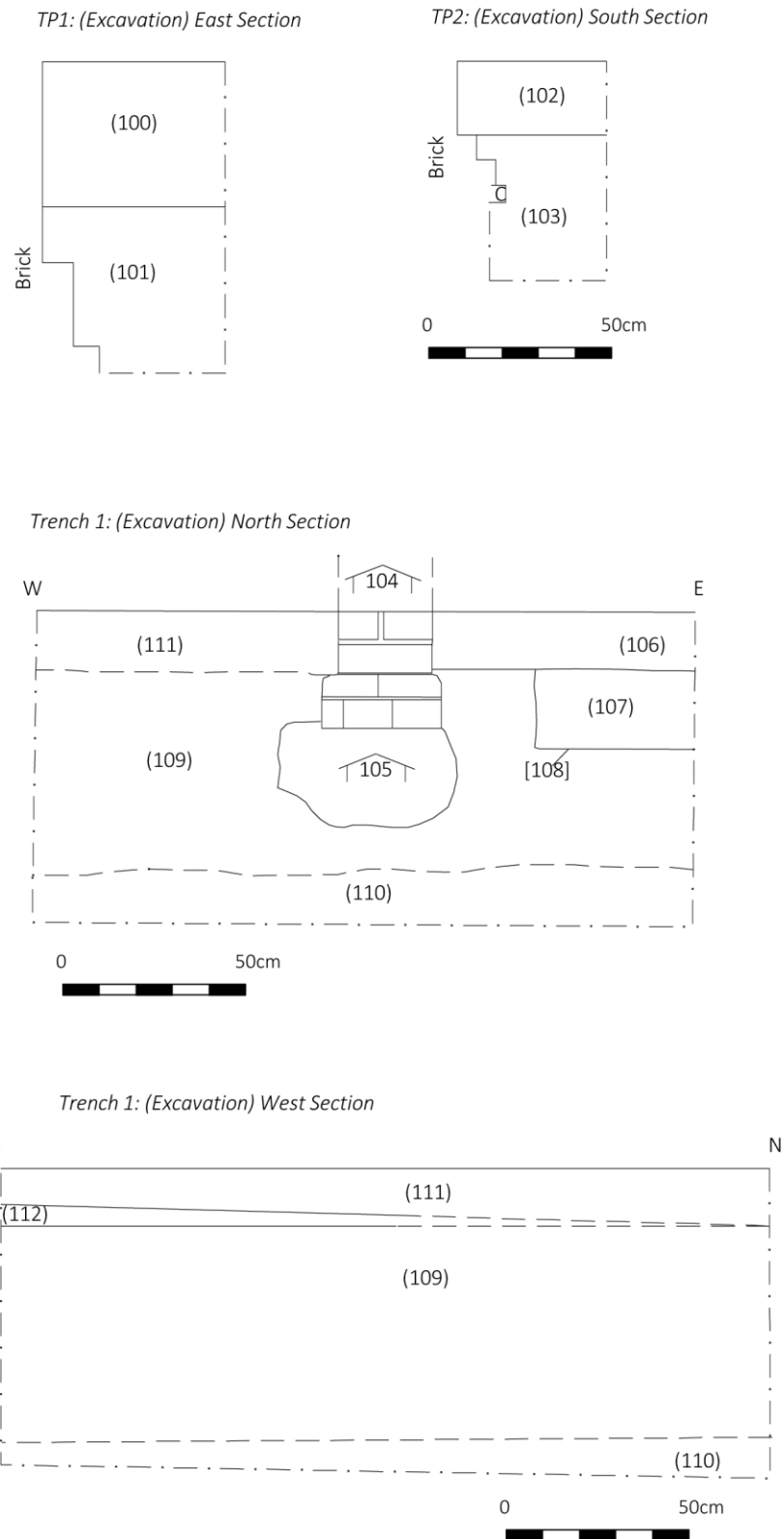


Figure 22: Test pit sections (scale 1:20)



Plate 2: French drain to the south of the outbuilding



Plate 3: French drain at the northeast corner showing timber frame above the footing



Plate 4: Concrete footing beneath G3



Plate 5: Brick footing beneath G4



Plate 6: Test Pit 1 from the south



Plate 7: Test Pit 1 from the north



Plate 8: Test pit 2 from the northwest



Plate 9: Test pit 2 from the northeast



Plate 10: Trench 1 from site south



Plate 11: Trench 1 from site south



Plate 12: Trench 1 from site east



Plate 13: Trench 1 from site west



Plate 14: Trench 2 from site south



Plate 15: Trench 2 from site north



Plate 16: Trench 2 from site southeast



Plate 17: Trench 3 from site southeast



Plate 18: Ground reduction within the proposed conservatory from site east



Plate 19: Detail of ground reduction within the proposed conservatory from site east



Plate 20: Dumb well and conduit from the west



Plate 21: Detail of the dumb well



6 Conclusions

Abdale House has previously been described as a 16th century timber framed building, but the external bracing to the timber framing in the western crosswing, the curved windbraces to the roof and the robust scantling of the timbers suggests that the building is somewhat older, and may in fact be as early as 14th century. The eastern crosswing and the oldest part of what later became Northside, are both from c.1600, at which time the fireplaces were installed in the western crosswing, and probably also in the hall. The former hall was completely rebuilt in the 19th century leaving little of the original intact. At the same time the house was extended southwards to provide a larger reception/dining room at ground floor level and a suite of new rooms above with further alterations, structural and decorative, taking place elsewhere in the house. This appears to have followed a major overhaul in the 18th century which comprised an extension to both crosswings as well as that to Northside and the construction of the additional rooms to the main range that were subject to re-working in the 19th century. The eastern crosswing also appears to have been heightened in the 19th century.

The Archaeological Watching Brief did not encounter any significant archaeological features, deposits or artefacts other than the post-medieval dumb well that would have stored the rainwater that ran off the various roofs of the house. A small number of items dating from the first half of the 20th century were encountered in the French drain excavated alongside the outbuildings, but elsewhere the ground reduction was largely sterile.

Topsoil and subsoil were encountered at the periphery of the building, and remnants were exposed along with made-ground in the area prepared for the new conservatory. However, the stratigraphic sequences exposed in all of the test pits comprised deep layers of made-ground that were deposited to level the area prior to construction of the building and its subsequent landscaping, and floor/wall foundations that were part of the structure. No certain indications of a 'trench-cut' for the emplacement of the wall foundations were observed in any of the sections of TR1-3, though the sub-circular to angular morphology of the foundation cross-sections suggests that this may have been the method employed. The lack of an evident cut may be related to the homogeneity of the sediment used to manufacture the made-ground in which the foundation was built, and the contemporaneity of its deposition. The areal extent of the made-ground and its depth demonstrates that it effectively replaced any natural soil profile, either levelling natural depressions in the geology or man-made features, or potentially disturbing/destroying archaeological remains within its footprint.

Given the paucity of archaeological remains in the general area and the predominance of agriculture and parkland it seems possible that prior to the erection of Abdale House/Northside the area was either situated outside of any settlement activity, or that it was located between widely dispersed features within the local landscape.



7 Acknowledgements

KDK Archaeology is grateful to Chris & Lizzie Aylard for commissioning this report. Thanks are also due to Isobel Thompson and Simon Wood of the Hertfordshire Historic Environment Team for providing historic environment records and for monitoring the project respectively. The architectural drawings that were used as the basis for the illustrations in this report are courtesy of Francesca Weal.

The help and co-operation of the various construction teams involved in the site work is also acknowledged.

The fieldwork was carried out by Karin Kaye MA MCIfA, Ellen Shlasko PhD, Derek Watson PhD, Chris Martin-Taylor BSc, Becca Bradford BSc and David Kaye BA ACIfA. The report was written and illustrated by Karin Kaye, Ellen Shlasko & Derek Watson, and edited by David Kaye.



8 Archive

8.1 The project archive will comprise:

- Written Scheme of Investigation
- Report
- Historical & Survey notes
- Architect's survey drawings
- List of photographs
- B/W prints
- B/W negatives

8.2 The archive will be deposited with Mill Green Museum (Accession Number WEWHM 2019.14).



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Appendix 1: Survey Sheets

Project No/code: 482/NMW	Project: Abdale House, North Mymms	Elevation: South
Doors: Half glazed timber door under square drip mould		
Windows GF: Canted single storey bay window to east and 2-storey canted bay under square hood mould to the west of it. Two small casement windows, also under square hood moulds are to the west of the door		
Windows FF: 2-light casement under square hood mould to the west, a 2-light timber casement and a single light timber window with horizontal panes under square hood moulds and a 2-light casement without in the central section with canted bay window to the east. 3-light timber casement under a square hoodmould in the eastern crosswing.		
Windows SF: 2-light casement under square hood mould		
Walling material: Between Abdale and Northside: stone window frames, brick 21 x 10 x 5 cm, 2 cm mortar. Poorly puddled. East wall of Northside: 23 x 6.5 brick, well puddled, 18th c? Flemish Garden bond, lime mortar. Abdale dining room exterior: brick 23 x 11 x 6.5cm, English bond, lime mortar. Outside southeast corner room, 23 x 10 x 6 cm brick, over-fired, Spanish, 18th c?		
Other Architectural Features:		
Recorder: KK & ES	Survey date:	



Photo 1: South elevation, facing northwest



Photo 2: South elevation, facing north



Photo 3: Eastern end of south elevation



Photo 4: Central section of south elevation



Photo 5: Exposed brick in southeast corner (G3)



Photo 6: Exposed brick on south elevation (G4)



Photo 7: Outbuildings, view facing northeast



Project No/code: 482/NMW	Project: Abdale House, North Mymms	Elevation: East
Doors: French doors under a square hoodmould		
Windows GF: Canted bay window to G2 and G4.		
Windows FF: 2-light timber casement under a square hoodmould to F5. 2/2 timber sash to F4		
Windows SF: 2-light casement in gabled dormer to east		
Walling material: Bricks of southern room are the same as that room on south elevation, 18th c. English bond. French door with painted stone surround. North of door there is a shift to early 20th c. brick below the timber framing of the north room. Exposed timber framing in northeast corner.		
Other Architectural Features: Single storey canted bay on north.		
Recorder: KK/ES	Survey date: 16.08.2019	



Photo 8: East elevation



Photo 9: North half of east elevation



Photo 10: South half of east elevation



Photo 11: French door into G3



Photo 12: Detail of brickwork to north of French door



Photo 13: Detail of timberwork on northeast corner, G2



Project No/code: 482/NMW	Project: Abdale House, North Mymms	Elevation: North
Doors: Half glazed timber door in gabled porch		
Windows GF: Two 2-light casements with upper lights flanking the front door. 2 /2 timber sash to east, 8/8 timber sash to west		
Windows FF: Two 2-light casements with upper lights in the centre. 2/2timber sash under square hood mould to east and west. Hoodmoulds to west have label stp on both floors.		
Windows SF: 2-light timber casement under square hoodmould		
Walling material: To east: timber framing with sill on dwarf wall (bricks 6 x 12 cm in lime mortar), covered with tile and then rendered. 17th c brick infill (5 x 17 cm, repointed), riven oak laths. Modern render, 2cm thick. Central section: brick, 22 x 10 x 6cm, in cement mortar. Porch: 22 x 6.5 x 10cm brick in cement mortar. Hood moulding over ground floor windows. To west: timber framed, sill on single brick course 10cm high, breeze block infill, exposed timber above window and up inside corner where Northside begins. This is outside wall of kitchen.		
Other Architectural Features: Small porch outside front door. Decorative barge boards on gables.		
Recorder: KK/ES	Survey date: 16.08.2019	



Photo 14: North elevation



Photo 15: Detail of framing on eastern end



Photo 16: Detail of framing on eastern end of north elevation (G2)



Photo 17: Detail of barge boards on east gable



Project No/code: 482/NMW	Project: Abdale House, North Mymms	Elevation: West
Doors: Half glazed timber door under open sided porch, another half glazed timber door to south		
Windows GF: One 2-light and one 3-light window to north, one 2-light, one single light and one 4-light casement to south		
Windows FF: 2-light casement window to north and 2/2 light casement under square hood mould to south		
Windows FF: 2-light casement window to north		
Walling material: To right of porch: timber framing to 1.05m as far as junction with extension. The timbers are on 40-50cm centres, between 6 and 14cms in size, with 19th c brick infill. The central section is of newer brick, 22 x 6 x 10cm, better puddled. Extension on right: brick, 21-22 x 10 x 5cm, well puddled, some spanish, English bond, lime mortar.		
Other Architectural Features:		
Recorder: KK & ES	Survey date: 16.08.2019	



Photo 18: West elevation, facing east



Photo 19: South half of west elevation



Photo 20: North half of west elevation



Photo 21: Entrance porch to Northside in northwest corner



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: Basement
Location: Under Northside		Function: Storage	
Dimensions (m):	Length: 5.33	Width: 3.15	Height: 1.77
Wall form & decor: Brick, with possible painted stone. Timber framing with brick infill in south wall.			
Ceiling / roof structure: Barrel vaulting extends 3.47m from stair wall. Beyond are visible floor joists.			
Windows: In south wall above stair, blocked.			
Doors: None			
Floor: Brick			
Fireplace: None			
Staircase: Brick built, 9 steps with upper layers of 19 th century brick.			
Other architectural details: North wall has shelving. Brick pillar supporting barrel vaulting to west.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo B1: B: facing north



Photo B2: B: facing south



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G1
Location: Inside front door, north centre of building		Function: Entrance Hall	
Dimensions (m):	Length: 5.68	Width: 6.42	Height: 2.66
Wall form & decor: Plastered brick, painted; high moulded timber skirting; pine panelled west stair wall. South wall has exposed area of Fletton brick under plaster.			
Ceiling / roof structure: Probable lath and plaster, painted, coving			
Windows: Two casements windows flanking front door on north wall with two small lights above two main lights.			
Doors: Front door in north wall and door to dining room in south wall: four panel with horizontal panels top and bottom and vertical panels in centre. Deep recesses, pine. Pedestal base of architrave is same height as skirting board. Door in south wall to rear lobby (G5) same as other two, with wooden mount for finger guard. Door to G5 fitted with Newman and Sons 'Improved Norton System' automatic closer. Door under stair to cupboard, simple four panel door.			
Floor: Parquet floor			
Fireplace: Very large timber surround on east wall. Oak. Brick effect inset. Raised brick hearth and dog grate.			
Staircase: On west wall, oak balusters, pine rail and newel posts, pine steps, closed string, large finials on newel posts and simple rounded balusters. Wide ridged handrail. Three steps up to landing, fourteen steps to top.			
Other architectural details: Small hall to east leads to G2 and G3. Built-in, arched, glass-fronted cupboard on north wall. South wall is curved to entrance of G3. Opening between main hall and east hall has decorative brackets in upper corners. Opening to west hall has exposed medieval timber forming arch. Cupboard under stairs with WWII hand cranked telephone mounted on east wall: MKXV A.P. 13231 Tele.MFG.Co, London, with bell on exterior above the door. Bakelite button to right of fireplace.			
Additional notes: The 19 th century ceiling joists with scissor bracing were exposed during the Watching Brief, as was the medieval and later timberwork in the west wall of G1 and the landing above. The medieval timbers were robust; the vertical post was 26cm wide and the studs 16cm wide. The northern curved external brace was fully exposed, and the late 19 th century extension to the north was clear to see in the brickwork. The bricks here were light red, hand made with horizontal skintlings and measured 23 x 10 x 7cm. They were set in an irregular bond in lime mortar. The brick infill within the medieval framing was similar in colour, slightly smaller in size (21 x 10 x 6.5cm) and set in Flemish bond in lime mortar. These also had horizontal skintlings, which would suggest that the infill is no earlier than the late 18 th century. The studwork above the medieval timber frame consists of regularly sized and spaced studs, those above the opening to the west were 5cm wide and 20cm apart, whereas those to the east of it were all 11c, wide and between 16 and 27cm apart. Wattle and daub had survived in the western panel with the wattles entwined around studs rather than staves. The rafters over this section of the building are late 19 th century, machine cut 2x4inch on 35cm centres with a ridge board.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G1: G1: south wall



Photo G2: G1: detail of exposed brick on south wall



Photo G3: G1: west wall with staircase



Photo G4: G1: north wall



Photo G5: G1: detail of front door



Photo G6: G1: east wall with fireplace



Photo G7: G1: detail of fireplace



Photo G8: G1: detail of framing to east passage



Photo G9: G1: interior of cupboard under stairs, facing northeast



Photo G10: G1: detail of telephone

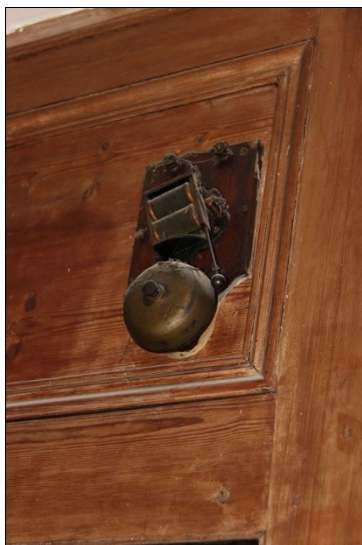


Photo G11: G1: bell above cupboard door



Photo G12: G1: built-in cabinet in east passage



Photo G13: G1: medieval timber arch, facing west



Photo G14: G1: detail of medieval timber arch



Photo G15: G1: detail of timber arch, facing west



Photo G16: G1: wooden finger guard mounts on door to G5



Photo G17: G1: automatic door closer on door to G5



Photo G18: G1: Bakelite buton to right of fireplace



Photo G19: G1: ceiling detail



Photo G20: G1: west wall stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G2
Location: Northeast corner		Function: Living room	
Dimensions (m):	Length: 7.01	Width: 5.68	Height: 2.36
Wall form & decor: Painted lath and plaster, evidence of timber frame in north elevation, southeast corner and west elevation. Simple skirting. 19 th century bay on east wall, plaster on brick. Earlier plaster exposed on west wall, with horsehair and 1.0cm thick.			
Ceiling / roof structure: Painted lath and plaster, moulded cornice. Spinal beam with roll moulding and long, lamb's tongue chamfered stops. Moulded plaster rosettes on either side of beam. In the bay, the ceiling is 3.755m high, with a moulded plaster rosette with a hook for a light.			
Windows: Canted bay on east, six lights, with shutters. On north wall, 2 over 2 timber sash, with sliding shutter from below. Hand blown glass throughout.			
Doors: French door in south wall of bay, six panel door to cupboard in northwest corner, six panel door in southwest corner. Both northwest and southwest doors have decorative brass finger guards, both oak.			
Floor: Wood block parquet floor, no subfloor			
Fireplace: Timber surround, delft tiles inset, quarry tile hearth in timber surround. Bratt, Colbran and Co. grate. Evidence of earlier inglenook behind wall plaster.			
Staircase: None			
Other architectural details: The remains of a Tudor arch were noted behind the fireplace			
Additional notes: The roof has 8 cm wide pegged rafters on 35-45cm centres. The central truss is 15cm wide and lies directly beneath the right side of the dormer window. The saw marks are widely space and so possibly cut in a saw pit or early mill. Some carpenter's marks are visible on the rafters, but there is no clear pattern as is the case over Rooms G11.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G21: G2: East wall, facing northeast



Photo G22: G2: South wall, facing south



Photo G23: G2: North wall



Photo G24: G2: West wall



Photo G25: G2: Door to G1, west wall



Photo G26: G2: Detail of fireplace, facing west



Photo G27: G2: Spinal beam, facing southwest



Photo G28: G2: Ceiling rosette to south of beam



Photo G29: G2: Ceiling rosette in ceiling of bay on east



Photo G30: G2: Ceiling in eastern bay



Photo G31: G2: French doors in bay, facing south



Photo G32: G2: Shutter detail in east bay



Photo G33: G2: West wall partially stripped



Photo G34: G2: North east corner partially stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G3
Location: Southeast corner		Function: Living room	
Dimensions (m):	Length: 6.9	Width: 5.8	Height: 3.5
Wall form & decor: Painted plaster, decorative moulding, torus moulded skirting, exposed sawn laths on west wall			
Ceiling / roof structure: Probably lath and plaster, curved at north end of room, moulded cornice around ceiling and at base of curved section.			
Windows: Six light, canted bay in south wall, with shutters, window seat			
Doors: French door on east wall in recess with architrave around it; six-panel door in north wall, oak with ornate finger guard and probable original brass door knob			
Floor: Parquet flooring; underfloor exposed in southwest corner, floor boards aligned east-west, 16cm wide			
Fireplace: Marble mantel shelf, painted timber surround, small ceramic tile insets and hearth and an iron grate			
Staircase: None			
Other architectural details: Brass switch Photo by door in north west			
Additional notes: The arched ceiling to the north of the room was removed showing timber framing above the wall panelling and the underside of the staircase to the west which has informed the arch. The braces in the timber frame are curved and the whole frame has brick infill between the studs. The brick work in the east wall is also partially exposed and comprises red bricks set in English bond using lime mortar with queen closers at the northern end. The exposed brickwork in the west wall suggests that it had been part of an earlier structure that extended only as far as the northern end of the fireplace before the room was created in the 18 th century. The flat ceiling here also has scissor bracing and lath and plaster covering and is indicative of later 19 th century rebuilding.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G35: G3: South wall



Photo G36: G3: West wall



Photo G37: G3: Fireplace on west wall



Photo G38: G3: North wall



Photo G39: G3: East wall



Photo G40: G3: Curved ceiling at north end of room, facing northwest



Photo G41: G3: North wall partially stripped



Photo G42: G3: West wall partially stripped



Photo G43: G3: East wall partially stripped



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: G4	
Location: South centre			Function: Dining room		
Dimensions (m):		Length: 9.14	Width: 5.05	Height: 2.83	
<p>Wall form & decor: Room previously stripped to brick, plain skirting boards. West wall and south wall: Fletton bricks, 22 x 11 x 6.5cm. English Garden bond, lime mortar. East wall: brickwork north of fireplace and in southeast corner are older bricks: 23 x 13 x 5cm. Northeast corner has exposed timber frame behind lath. Relieving arch in brickwork over north door.</p>					
<p>Ceiling / roof structure: Exposed lath.</p>					
<p>Windows: Canted bay, nearly full height, timber, no shutters. The east side window is lower than the west and central window, which is three small lights over three large lights.</p>					
<p>Doors: North wall, four panel. Top and bottom panels are horizontal and two middle panels are vertical. West wall, same. Moulded architrave.</p>					
<p>Floor: Narrow (6 inch) oak boards over parquet</p>					
<p>Fireplace: Stone surround with bolection moulding. Oolitic limestone, Ancaster or Wheldon. Stone or slab hearth.</p>					
<p>Staircase: None</p>					
<p>Additional notes: The floor beneath the wood block consists of brick over concrete 23cm deep. A series of concrete lined service ducts have been exposed at the northern end of the room.</p>					
Recorder: KK & ES			Survey Date: 16.08.19		



Photo G44: G4: south wall



Photo G45: G4: west wall

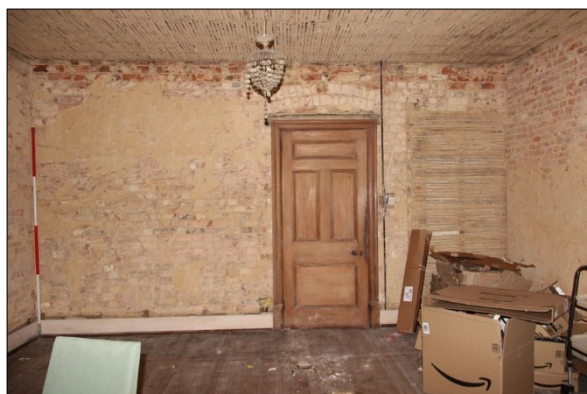


Photo G46: G4: north wall



Photo G47: G4: east wall



Photo G48: G4: fireplace detail



Photo G49: G4: detail of north door



Photo G50: G4: channels within the concrete



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G5
Location: South centre		Function: Lobby	
Dimensions (m):	Length: 4.57	Width: 1.36	Height: 2.7
Wall form & decor: Plastered and painted. Moulded skirting as in G1.			
Ceiling / roof structure: Painted lath and plaster. The ceiling is lower at northern end of hall.			
Windows: None			
Doors: Same as G1 and G4 in east and north walls. South wall to exterior: half glazed door with two fields below. Glazing bars in St. Andrews cross form. Attachment for blind. West wall door to toilet, simple four panel.			
Floor: Quarry tile, black and red			
Fireplace: None			
Staircase: None			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G51: G5: Facing south, door to G6 on right, exterior door at end



Photo G52: G5: Facing north, door to G4 on right, door to G1 at end



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G6
Location: South centre		Function: Bathroom	
Dimensions (m):	Length: 2.26	Width: 1.86	Height: 2.86
Wall form & decor: 80cm high panelling to west wall, with slight returns on north and south wall. The rest is painted plaster. Plain skirting board.			
Ceiling / roof structure: Lath and plaster.			
Windows: Two light timber casement in south wall. Glazing bars in St Andrews cross.			
Doors: Same as G5, east wall			
Floor: Parquet floor.			
Fireplace: None			
Staircase: None			
Other architectural details: Toilet 'The Tolmer' by H. Connelly and Co., Hampstead Road, London . Missing original cistern. Basin with brass taps: 'Valdor', by John Bolding and Sons Ltd, Grosvenor Works, London.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G53: G6: facing southeast



Photo G54: G6: facing northeast



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G7
Location: West of G1, off small hall		Function: Pantry	
Dimensions (m):	Length: 2.43	Width: 1.37	Height: 2.23
Wall form & decor: West wall, timber frame, brick north and south, painted plaster. On south, two iron columns supporting 19cm beam.			
Ceiling / roof structure: Riven laths. Exposed beams, 19cm on 40cm centres.			
Windows: None			
Doors: Half glazed door			
Floor: Concrete			
Fireplace: None			
Staircase: None			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G55: G7: view from G1



Photo G56: G7: view to G1



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G8
Location: West of G1 off small hall		Function: Kitchen	
Dimensions (m):	Length: 4.30	Width: 3.35	Height: 2.24
Wall form & decor: Timber framing on west wall, south of inglenook fireplace. Early 19 th century brick north of fireplace. Painted panelling on other walls.			
Ceiling / roof structure: Horsehair lath and plaster. Painted high gloss.			
Windows: North wall, eight over eight timber sash.			
Doors: Four panel door in south wall.			
Floor: Rubberized flooring over timber, boards aligned east to west, 10cm wide.			
Fireplace: Recent fireplace inserted into four centred arch inglenook. Metal grate, probably Victorian or Edwardian.			
Staircase: None			
Other architectural details: Sink on north wall. Kitchen cupboards on east and south walls.			
<p>Additional notes: The timber framing was fully exposed here. Bricks in the west wall above the arch measure 18-20 x10 x6cm. The lime mortar beds are c2cm thick. The walling at the northern end of the west wall is later, set largely in a stretcher bond in strong lime mortar; the bricks measure 22 x 6-6.5cm. To the south of the fireplace are two large posts, 25 and 25cm wide.</p> <p>The south wall has narrower studs irregularly spaced.</p> <p>The brick infill is set in lime mortar and the bricks measure c.22x6cm. They vary in width from 8-13cm.</p> <p>The east wall has three posts in the centre with brick walls to north and south. The widest, in the south, is 25cm wide and like its counterpart in the west wall has redundant tenons at the top. The bricks have horizontal skintlings and are 22x10x7cm. They are roughly bonded and rendered over in cement render.</p> <p>The north wall retains some original posts that are infilled with breeze block. The wall Photo has been cut back on either side of the window but the space between is too wide for this to have been a door and a redundant tenon in the post above the window indicated the presence of a now lost timber.</p> <p>The ceiling joists are 20 cm wide on 45cm centres.</p> <p>The floor is of narrow boards c9cm wide.</p>			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo G57: G8: north wall



Photo G58: G8: east wall



Photo G59: G8: south wall



Photo G60: G8: west wall



Photo G61: G8: detail of fireplace, west wall



Photo G62: G8: detail of timberwork south of fireplace



Photo G63: G8: northwest corner



Photo G64: G8: southwest corner



Photo G65: G8: south wall



Photo G66: G8: north wall stripped



Photo G67: G8: east wall stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G9
Location: West side		Function: Store	
Dimensions (m):	Length:	Width:	Height:
Wall form & decor: Brick			
Ceiling / roof structure: Pitched to north, timber planks			
Windows: None			
Doors: Exterior door on west, plank and batten door to G10 on south.			
Floor: Brick with platform for boiler?			
Fireplace: None			
Staircase:			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G68: G9: Facing east



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G10
Location: West side		Function: Lobby	
Dimensions (m):	Length: 2.00	Width: 2.23	Height: 2.27
Wall form & decor: South and east wall has some timber framing, west and east walls are later, probably 18 th century. North wall does not bond to west wall.			
Ceiling / roof structure: Exposed floor joists.			
Windows: Possible former window to south of door in west wall.			
Doors: Half glazed exterior door to west. Plank and batten door to east. Two panel door with H hinges to north. Six panel door to south, removed but leaning against wall.			
Floor: Brick covered with modern rubberized surface.			
Fireplace: None			
Staircase: Step down to G11 on south.			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G69: G10: east wall



Photo G70: G10: southeast corner



Photo G71: G10: north wall



Photo G72: G10: west wall



Photo G73: G10: northwest corner



Photo G74: G10: northeast corner



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G11
Location: In Northside, west end of house		Function: Living room	
Dimensions (m):	Length: 4.75	Width:4.96	Height:2.24
Wall form & decor: Painted, timber frame on the west, east, north and brick on the south. Plain skirting.			
Ceiling / roof structure: Lath and plaster, painted. Ceiling beam, plain chamfer, lamb's tongue chamfer stop, running north south. Iron column supporting beam.			
Windows: West wall. Two 3-light windows with a single light casement.			
Doors: Half glazed doors to east and south. Six panel door (removed) to north.			
Floor: Concrete			
Fireplace: South wall, modern brick built with coal burner, very large.			
Staircase: One step up to G10. Two steps up to G12. One step up to g14.			
Other architectural details: Built-in cupboard to right of fireplace. In NE corner the wall is open and you can see corner posts of G11 and G8.			
Additional notes: The timber work in the north and east walls have been partially exposed. Both have brick infill. The bricks are variably sized with some at c.5cm thick and some 19th century examples at 7cm. The studs in the north wall are 13cm wide and fairly irregularly spaced. An infilled door is located to the east of the present door. This and the neighbouring section to the east have narrow bonding timbers. The east wall also has bonding timbers in the brick infill. Although the floorboards above this room are wide, the joists are not all ancient. Those to the east of the spinal beam have been largely replaced. But those to the west are 10-12cm on 40-50cm centres.			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G75: G11: north wall



Photo G76: G11: detail of timber in northeast corner



Photo G77: G11: east wall, facing southeast



Photo G78: G11: east wall, facing northeast



Photo G79: G11: west and north walls, door to G10



Photo G80: G11: detail of fireplace in south wall



Photo G81: G11: north wall



Photo G82: G11: north wall partially stripped



Photo G83: G11: east wall stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G12
Location: West side		Function: Hall	
Dimensions (m):	Length:3.63	Width:1.03	Height: 2.21
Wall form & decor: Painted render, brick, simple skirting			
Ceiling / roof structure: Painted lath and plaster			
Windows: None			
Doors: 4 panel door on south to basement, half glazed door on west to G11			
Floor: Red and black quarry tile			
Fireplace: None			
Staircase: Brick stair to basement, on southwest, 11-step newel stair to first floor on southeast			
Other architectural details: Bakelite switches to east of basement door			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G84: G12: facing east, basement stairs on near right, stairs to first floor on right at far end



Photo G85: G12: facing west, basement stairs on left, door to G11



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G13
Location: Between G11 and G15		Function: Hall	
Dimensions (m):	Length: 2.47	Width: 1.08	Height: 2.17
Wall form & decor: Brick. Plastered and painted, except west, which is just painted			
Ceiling / roof structure: Painted lath and plaster			
Windows: None			
Doors: 6 panel door to G14 on east with raised motifs in the fields, half glazed door to north, 6 light door to west			
Floor: Newspaper lining			
Fireplace: None			
Staircase: Step down to north into G15			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G86: G13: facing south southeast



Photo G87: G13: detail of door into G14a, facing southeast



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: G14
Location: South		Function: Store	
Dimensions (m):	Length: 2.35	Width: 1.24	Height: 2.12
Wall form & decor: West and north: timber framing with brick infill, south: 18 th century brick, east: 19 th century brick.			
Ceiling / roof structure: Painted lath and plaster			
Windows: Single light with lozenge and diamond panels in south wall			
Doors: Six panel door on west to G14			
Floor: Red and black quarry tile			
Fireplace: None			
Staircase: None			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G88: G14: northeast corner



Photo G89: G14: southwest corner



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: G15	
Location: West side			Function: Dining room		
Dimensions (m):		Length: 4.80	Width: 3.55	Height: 2.29	
Wall form & decor: West, north and east walls, brick with painted plaster. Stud partition to south.					
Ceiling / roof structure: Painted lath and plaster, boxed-in beam running east to west.					
Windows: 2 light casement and single light casement with fixed with vertical bar. Both in West wall.					
Doors: East wall: 6 panel. West wall: 4 light glazed exterior door.					
Floor: Concrete					
Fireplace: Late 20th century brick					
Staircase: Step down to G16					
Other architectural details: Hatch in E wall, Taylor & Son, Hertford					
Additional notes: The roof above this part of the house has 11 courses of fish scale tiles above which are regular rectangular tiles.					
Recorder: KK & ES			Survey Date: 16.08.2019		



Photo G90: G15: west wall



Photo G91: G15: north wall



Photo G92: G15: east wall



Photo G93: G15: south wall



Project code: 482/NMW	Project:Abdale House, North Mymms		Room no: G16
Location: Southwest corner		Function: Kitchen	
Dimensions (m):	Length: 4.56	Width: 2.76	Height: 2.35
Wall form & decor: East, south and west walls are brick, painted plaster with partial tiling. North wall is a stud partition			
Ceiling / roof structure: Painted lath and plaster			
Windows: Composite timber to west with casement centre and fixed lightsto each side			
Doors: None			
Floor: Timber 17cm, aligned east to west.			
Fireplace: Brick built, with timber mantel and stone hearth. Located in northeast corner.			
Staircase: Step up to G15			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo G94: G16: south wall, facing southeast



Photo G95: G16: east wall with corner fireplace



Photo G96: G16: west wall



Photo G97: G16: north wall, facing northwest



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F1
Location: Centre of building, above stair from G1		Function: Hall	
Dimensions (m):	Length: 7.75	Width: 1.24	Height: 3.26; east end 3.69
Wall form & decor: Painted. South wall, plastered brick, North wall, plastered stud partition, moulded skirting, picture rail.			
Ceiling / roof structure: Lath and plaster, painted.			
Windows: Two skylights, pitched.			
Doors: Four, 4-panelled doors.			
Floor: Main hall is timber, 16cm wide, aligned east to west. Steps at eastern end going down to lower level, which has oak floor boards, 13.5cm wide, aligned north-south.			
Fireplace: None			
Staircase: Three steps at eastern end to lower hall, then hall turns to south and steps up to F6. Step up on south to F8.			
Other architectural details: Built in linen cupboard in northeast corner, missing doors.			
Additional notes: The timberwork in the west wall of F1/G1 had been fully exposed and was recorded by KK. The northern 1.28m of the wall was entirely brick built; the bricks were 23 x 10 x 7cm, light red and purple and set in an irregular bond in lime mortar. The bricks had horizontal skintlings. Of the five panels, one was also brick filled and here the bricks were light red, 21 x 10 x 6.5cm with horizontal skintlings and set in a Flemish bond in lime mortar. The southernmost panel was open giving access to the rooms beyond and the remaining three had wattle and daub. The wattles were entwined around studs rather than staves. The timbers were all oak, and robust, the central and southern posts were 24 and 26cm wide respectively (the northern post had been removed in the rebuilding) and the intermediate studs were between 14 and 16cm wide. Above the original wallPhoto was another series of studs, all 11cm wide other than those directly above the opening which were 5cm wide studs set 20cm apart. Immediately behind this lath and plaster covered frame was the roof to the study F11.			
Recorder: KK & ES		Survey Date: 16.08.19	

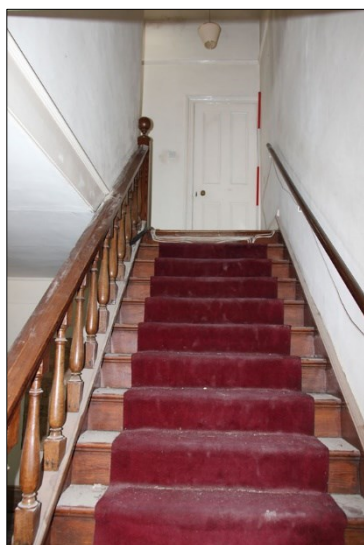


Photo F1: F1: view up staircase, facing south



Photo F2: F1: view down staircase, facing north



Photo F3: F1: view to east



Photo F4: F1: view to west



Photo F5: F1: skylight at west end of hall



Photo F6: F1: east end of hall



Photo F7: F1: stair up to F5 and F6



Photo F8: F1: down to main hall from outside F6, facing north



Photo F9: F1: landing between F5 and F6, facing south



Photo F10: F1-3: 19th century partitioning



Photo F11: F1: walling over entry to F4



Photo F12: F1: Wall and roof timbers viewed from east end of F1



Photo F13: F1: east wall stripped



Photo F14: F1: wattle & daub detail



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F2
Location: North of F1		Function: Bathroom	
Dimensions (m):	Length: 4.28	Width: 3.07	Height: 3.27
Wall form & decor: Wallpaper over rendered lath. Moulded skirting.			
Ceiling / roof structure: Painted lath and plaster.			
Windows: North wall, 2 light casement with 2 smaller upper lights. Timber.			
Doors: South wall, 4 panel.			
Floor: Timber, east-west. 16cm pine.			
Fireplace: None			
Staircase: None			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F15: F2: east and north walls, facing northeast



Photo F16: F2: east and south walls, facing southeast



Photo F17: F2: north wall



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: F3	
Location: North of F1			Function: Bedroom		
Dimensions (m):		Length: 4.46	Width: 4.27	Height: 3.29	
Wall form & decor: Painted plaster. North wall: brick. West and south walls: stud partitions. East wall: possible brick and large chimney. Corner of east and south walls is bumped out and chamfered. Torus moulded skirting.					
Ceiling / roof structure: Lath and plaster. Pitched to north.					
Windows: North wall, two light casement as in F2.					
Doors: South wall, four panel.					
Floor: Timber boards, 15cm wide, aligned east-west.					
Fireplace: East wall. Timber surround, iron grate. Small ceramic tile hearth (3 inch square). Same pedestal base as front door, which is same height as skirting.					
Staircase: None					
Other architectural details: Basin on north wall east of window. 'Valdor' as in G6.					
Recorder: KK & ES			Survey Date: 16.08.19		



Photo F18: F3: north wall

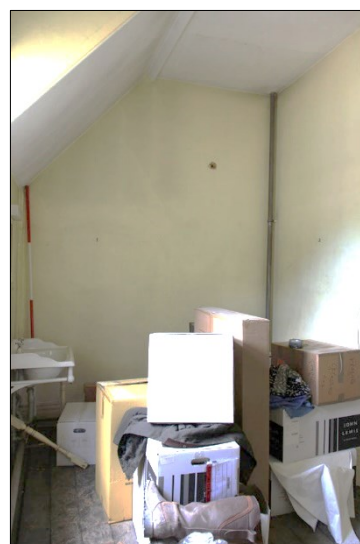


Photo F19: F3: east wall alcove



Photo F20: F3: east and south walls, facing southeast



Photo F21: F3: south and west walls, facing southwest



Photo F22: F3: detail of fireplace, facing east



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F4
Location: Northeast corner off F1		Function: Bedroom	
Dimensions (m):	Length: 5.03	Width: 5.81	Height: 2.30
Wall form & decor: East and south: timber frame with brick infill, 23 x 10-13 x 5-5.5 cm. Hard mortar. All walls painted wood panelling, possibly 18 th c. Heavily rebuilt timber framing.			
Ceiling / roof structure: Painted lathe and plaster.			
Windows: Two over two sash in north and east wall. North wall in panelled recess.			
Doors: Four panel door from F1 in west wall. Two panel door in west wall opens onto brick wall. Moulded architraves.			
Floor: Wood floor, aligned east to west. Elm. 26cm wide.			
Fireplace: Timber surround. Painted tile insert. Late Victorian grate. Marble hearth. West wall.			
Staircase: None			
Other architectural details: Bakelite button to south of fireplace. Basin in northwest corner on north wall. Same as F3 and G6.			
Additional notes: Room F4 was fully exposed and also visible from the room below (G2). The walls have curved tension braces 17-22cm wide. The studs in the east wall are closely set at 40cm centres but the studs are alternately 16 and 7cm wide. The bricks in between are 23x10x5cm. The mortar is actually hard render. The same can be seen in the south wall where render has replaced the mortar. The studs here are mostly later replacements and binding timbers are prevalent. This appears to be late 18th century reworking of the wall. The north wall is largely obscured by debris. Only the braces and the central part to the left of the window before the brace are original. Earlier replacements are 13cm wide on 40cm centres. Modern studs are more prevalent to the right of the window. The west wall has been largely rebuilt, probably in the 19th century when the fireplace was installed. The bricks in between the studs also appear to be 19th century. The ceiling joists are also later replacements although the floor boards above are wide.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F23: F4: west wall, door to right blocked with brick



Photo F24: F4: north wall



Photo F25: F4: east wall



Photo F26: F4: east end of south wall



Photo F27: F4: west end of south wall



Photo F28: F4: detail of fireplace, west wall



Photo F29: F4: detail of timberwork, east wall



Photo F30: F4: east wall stripped



Photo F31: F4: south wall stripped



Photo F32: F4: west wall stripped



Photo F33: F4: west end of north wall stripped



Photo F34: F4: east end of north wall stripped



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: F5	
Location: East			Function: Bedroom		
Dimensions (m):		Length: 4.0	Width: 3.03	Height: 2.4	
Wall form & decor: Painted lath and plaster. North wall timber frame; external wall of crosswing. Stud wall to south. East to north is curved to accommodate stair to 2 nd floor. Plain skirting.					
Ceiling / roof structure: Lath and plaster with cornice. Cornice stops at boxed in cupboard on north wall.					
Windows: East wall, 2 light casement set in panelled recess.					
Doors: Four panel door to north into cupboard. Four panel door to west into F1a, with small lights cut into top panels. Blocked door in south wall.					
Floor: Timber, 13-14 cm, aligned north-south					
Fireplace: None					
Staircase: None					
Other architectural details: Cupboard in north wall incorporating curve. Modern basin on south wall.					
Additional notes: The upper part of the timber framing of the east cross wing was exposed in the north wall east of the cupboard. The mid rail is 25cm high. The posts are between 10 and 13cm wide on 45cm centres. Bonding timbers are evident here above and below the mid rail.					
Recorder: KK & ES				Survey Date: 16.08.19	



Photo F35: F5: east wall



Photo F36: F5: south wall



Photo F37: F5: west and north walls, showing curved corner, facing northwest



Photo F38: F5: north wall, facing northeast



Photo F39: F5: north wall stripped exposing timber frame from east cross wing



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F6
Location: Southeast corner		Function: Bedroom(former nursery)	
Dimensions (m):	Length: 5.90	Width:	Height: 1.93
Wall form & decor: Painted plaster over brick, with bonding timber on east wall. North and east walls are stud partitions. Simple bead moulded skirting. North wall rounded to door opening in northwest corner.			
Ceiling / roof structure: Painted lath and plaster, moulded cornice.			
Windows: South wall has 3-light casement with smaller upper lights. Set in panelled recess with horizontal bars.			
Doors: Four panel door to F1a on north. Four panelled door in north wall opens to plyboard.			
Floor: Timber 13cm wide. Laid north to south.			
Fireplace: Timber surround, Regency effect. Slender marble insets. Backing and hearth, rectangular green tiles.			
Staircase: None			
Other architectural details: Basin in southwest corner on south wall.			
Recorder: KK & ES		Survey Date: 16.08.19	

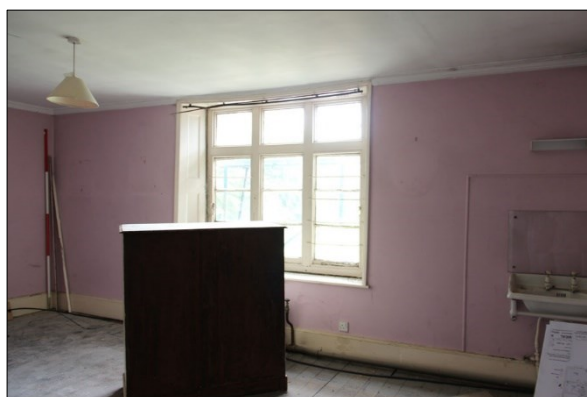


Photo F40: F6: south wall

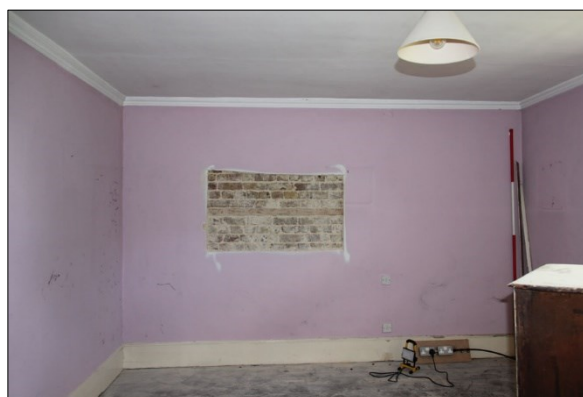


Photo F41: F6: east wall



Photo F42: F6: west wall



Photo F43: F6: detail of fireplace, west wall



Photo F44: F6: north wall



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F7
Location: South side		Function: Bedroom	
Dimensions (m):	Length: 6.02	Width: 5.01	Height: 2.68
Wall form & decor: Painted plaster over brick, west, east and south. Stud partition to north. Slight coving, moulded skirting.			
Ceiling / roof structure: Lath and plaster, painted.			
Windows: Large canted bay to south. Three light casement in centre and single lights on sides, all with smaller lights above. No shutters.			
Doors: 2 four panel doors with ceramic finger guards to north. Light over west door to F8.			
Floor: Carpet over floor boards			
Fireplace: Timber surround, ceramic tile inset. Metal grate.			
Staircase: None			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F45: F7: south wall



Photo F46: F7: west wall

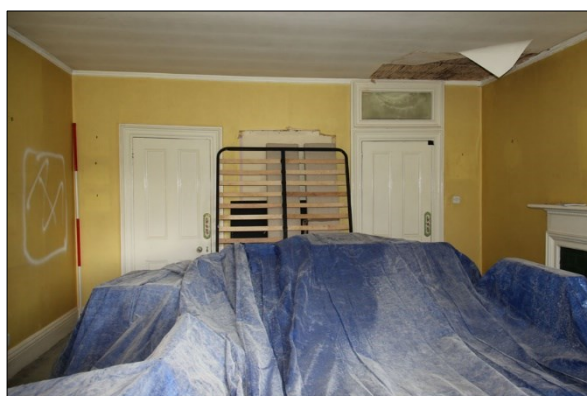


Photo F47: F7: north wall

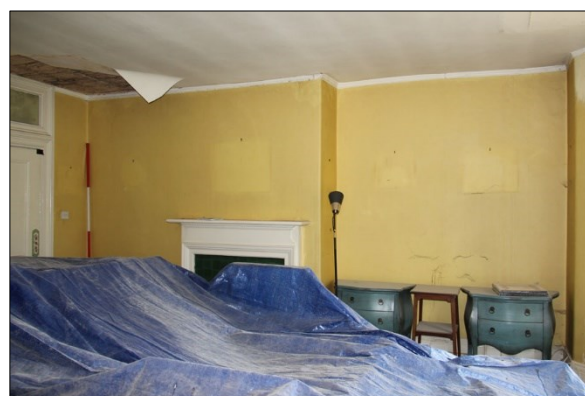


Photo F48: F7: east wall



Photo F49: F7: fireplace detail, facing southeast



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F8
Location: South of F1		Function: Store	
Dimensions (m):	Length: 2.97	Width: 2.11	Height: 2.72
Wall form & decor: West wall mostly timber except very north end, which is brick. South wall partition. Picture rail, moulded skirting. Painted.			
Ceiling / roof structure: Painted lath and plaster.			
Windows: Rectangular window above picture rail in west wall into F9.			
Doors: Four panel door to south with ceramic finger guard and doorknob, with rectangular light above.			
Floor: Timber, pine, aligned north-south, 15cm wide.			
Fireplace: None			
Staircase: Step down to F1 on north.			
Other architectural details: Built in cupboards on east. Arched opening to F1.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F50: F8: facing north towards F1

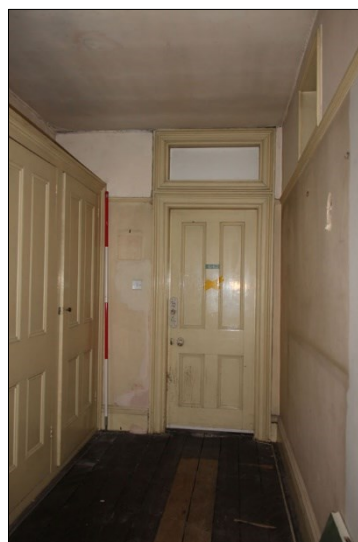


Photo F51: F8: facing south from F1



Photo F52: F8: east wall stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F9
Location: Between F7 and F10		Function: Dressing room	
Dimensions (m):	Length: 2.97	Width: 2.76	Height: 2.72
Wall form & decor: S & E timber partition, N & W brick. Moulded skirting. Painted plaster.			
Ceiling / roof structure: Painted lath and plaster			
Windows: Large skylight. Small fixed window high on east wall into F8.			
Doors: 4 panel door to west and same to south into F7			
Floor: Vinyl flooring over floor boards running N-S			
Fireplace: None			
Staircase: Step down into bathroom next door F10			
Other architectural details:			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F53: F9: southwest corner, door to F7 on left, door to F10 on right



Photo F54: F9: southeast corner, window into F8



Photo F55: F9: northeast corner, skylight above



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F10
Location: South side		Function: Bathroom	
Dimensions (m):	Length: 3.60	Width: 2.36	Height: 2.26
Wall form & decor: Brick to south, east and west. Protruding wall is timber. Papered walls. Moulded skirting.			
Ceiling / roof structure: Lath and plaster. Painted.			
Windows: Two light casement to south.			
Doors: 4 panel doors to north and east			
Floor: Timber, 15cm wide, running north-south, covered			
Fireplace: None			
Staircase: Step up to F9 in east wall.			
Other architectural details: Bakelite button painted over by door.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F56: F10: facing south



Photo F57: F10: facing north, door to F1



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F11
Location: North side		Function: Study	
Dimensions (m):	Length: 4.79	Width: 3.55	Height: 2.97
Wall form & decor: Timber framing in west wall, former mullioned window to left of fireplace with remains of wattle and daub to left of and below window. Other walls: painted panelling with painted plaster above panelling in north and south walls. Panelling could be 18 th century, but possibly later.			
Ceiling / roof structure: Hipped. Lath and plaster, painted. Some exposed rafters, c. 13cm on 40cm centres.			
Windows: Two over two timber in panelled recess on north wall. Timber mullioned window with shutter groove above was later blocked using lath and plaster			
Doors: Six panel door in south wall.			
Floor: Timber running east – west, 16-21cm wide boards, oak.			
Fireplace: Timber surround, iron grate, marble hearth. Probably set into inglenook.			
Staircase: None.			
Other architectural details: Recessed niche in northwest corner on west wall.			
Additional notes: The mullioned window and wattle and daub to the south of it are to the south of a 25cm wide post with a mortice some 30cm long at the top. The opposing post has a similar mortice with the tenon still present. There are only three surviving posts in the west wall, measuring 13-15 cm wide. The brickwork in the same wall is 19th century. The studs above the window in the north wall are likely to be original, with one later replacement to the east. This alongside the window are partially replaced. The wall here has lath and plaster as does the outside of the mullioned window. The entire south wall is lath and plaster. Rafters are between 11 and 14cm wide, probably oak. The arched brace in the NW and NE corner is 20cm wide. The rafters are pegged and without a ridge post or beam. Each rafter couple is braced. It has butt purlins on both sides. It is abutted by a short roof to the west that joins the chimney stack. This has been partially rebuilt; the base is made of Tudor bricks that have been rendered in cement mortar.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo F58: F11: north wall



Photo F59: F11: east wall



Photo F60: F11: south wall



Photo F61: F11: south wall



Photo F62: F11: west wall



Photo F63: F11: detail of fireplace



Photo F64: F11: exposed mullion window, wattle and daub on left below window



Photo F65: F11: wattle and daub below window



Photo F66: F11: detail of mullion window



Photo F67: F11: north wall stripped



Photo F68: F11: south end of roof, facing west



Photo F69: F11: north end of roof, facing west



Photo F70: F11: south end of roof, facing east



Photo F71: F11: north end of roof, facing east



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F12 and F18
Location: South, connects F1 and Northside		Function: Back stair hall	
Dimensions (m):	Length:	Width:	Height:
Wall form & decor: Lath and plaster and stud partition, painted			
Ceiling / roof structure: Pitched skylight.			
Windows: Fixed light into F14.			
Doors: 6 panel door between houses.			
Floor: Timber 22 cm wide in Northside, 14cm wide in Abdale. Aligned east to west in Northside, north to south in Abdale.			
Fireplace: None			
Staircase: Enclosed stair from ground floor. One step up from Northside to Abdale at door, three steps up to east of this to F1 and F10			
Other architectural details: Partition wall at top of stairs to divide Abdale House and Northside. Between this hall and study F11, is a small passage, numbered F18. The west wall of F18 has a blocked door, which forms the east wall of washroom F14.			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo F72: F12: back stair along south wall



Photo F73: F12: partition wall dividing Northside and Abdale House, facing southeast



Photo F74: F12: view across F12 from F13 towards F14, facing north



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F13
Location: South side		Function: Bathroom	
Dimensions (m):	Length: 2.59	Width: 2.35	Height: 3.32
Wall form & decor: Painted plaster on brick to north and east, moulded skirting.			
Ceiling / roof structure: Painted lath and plaster			
Windows: On south, 2 light timber casement			
Doors: 4 panel, north			
Floor: Timber, 20-22cm wide, aligned north-south			
Fireplace: None			
Staircase: 4 steps up to toilet platform.			
Other architectural details: The Revolver, with original cistern and probable original mahogany seat. John Bolding and Sons.			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo F75: F13: southeast corner, facing southeast



Photo F76: F13: facing south



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F14
Location: Outside F15		Function: Washroom	
Dimensions (m):	Length: 2.14	Width: 1.03	Height: 3.80
Wall form & decor: Timber, possible daub in south and west walls. Riven laths visible in north wall. Beaded panelling on east and north, next to sink.			
Ceiling / roof structure: Very high, painted lath and plaster.			
Windows: Fixed single light, textured glass into hall on south.			
Doors: 4 panel door on south.			
Floor: Timber boards aligned east to west.			
Fireplace: None			
Staircase: Step down to F12 to south			
Other architectural details: Access to west to loft above F15. Sink to east			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo F77: F14: top of east wall with sink at bottom, showing high ceilings



Photo F78: F14: east wall, facing northeast



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: F15	
Location: West side			Function: Bedroom		
Dimensions (m):		Length: 4.88	Width: 4.64	Height: 1.90	
Wall form & decor: Timber framed, lath and plaster, painted.					
Ceiling / roof structure: Lath and plaster, painted					
Windows: West wall: two light casements with thicker glazing bars.					
Doors: Plank and batten door to cupboard in south wall, 2 panel door to east.					
Floor: 22cm wide timber boards aligned east to west					
Fireplace: Regency style grate with small brick hearth, no surround					
Staircase: None					
Other architectural details: Modern basin on west wall. Iron post in the centre of the room supports spinal beam					
Additional notes: Room F15 backs onto F11 and the mullioned window and a curved brace are visible in the east wall. A possible window in the north wall is set very low in this timber framed wall. The studs here are 11-17cm wide on 70-85cm centres. A curved brace has been exposed in the eastern end of the wall. The ceiling joists are 7cm wide on 50cm centres, The floor boards are 23cm wide and aligned east to west.					
Recorder: KK & ES			Survey Date: 16.08.2019		



Photo F79: F15: west wall



Photo F80: F15: north wall



Photo F81: F15: detail of timber framing in north wall



Photo F82: F15: east wall



Photo F83: F15: detail of timber work in east wall, mullion window from F11



Photo F84: F15: south wall



Photo F85: F15: detail of fireplace in south wall



Photo F86: F15: east wall stripped



Photo F87: F15: south wall stripped



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: F16
Location: Southwest corner		Function: Bedroom	
Dimensions (m):	Length: 6.56	Width: 4.78	Height: 3.65
Wall form & decor: Painted plaster; west, east, and south walls brick. North wall timber framed. Plain skirting, Picture rail.			
Ceiling / roof structure: Hipped. Plasterboard?			
Windows: South wall: 2 light mullioned casement, possible stone framing and possible stone mullion, with safety bars. East wall: 2 light casement with bottom left replaced. West wall: 4 lights, 3 fixed, top left casement.			
Doors: 4 panel door to west, small 4 panel door to north.			
Floor: Timber, 20-22 cm wide, aligned east to west			
Fireplace: Timber surround, brick built, early 20th c.			
Staircase: Step down to hall on west.			
Other architectural details: Tie rod running east to west			
Recorder: KK & ES		Survey Date: 16.08.2019	



Photo F88: F16: south wall



Photo F89: F16: west wall

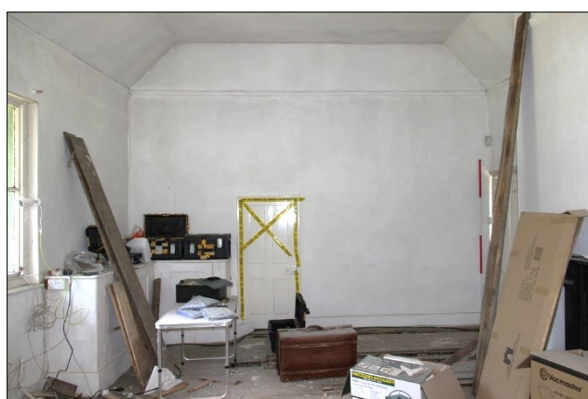


Photo F90: F16: north wall

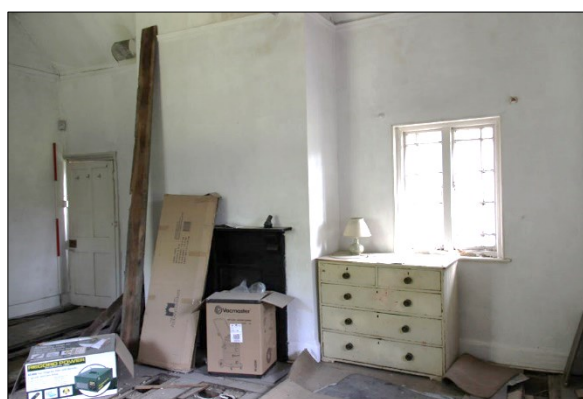


Photo F91: F16: east wall



Photo F92: F16: detail of fireplace



Project code: 482/NMW	Project:Abdale House, North Mymms		Room no: F17
Location: Outside F16		Function: Hall	
Dimensions (m):	Length: 3.30	Width: 0.95	Height: 3.20
Wall form & decor: Painted plaster, stud work on east, north and west and probably brick on south. Simple skirting.			
Ceiling / roof structure: Painted lath and plaster, beam running east and west, 0.83m from north wall			
Windows: Single light casement with three horizontal panes in south wall.			
Doors: 4 panel on west to F16			
Floor: Timber, 16cm wide aligned east to west.			
Fireplace: None			
Staircase: Step up to F16, step down to hall outside bathroom (F12).			
Other architectural details: Exposed floor joists in the ceiling at north show bark on surface.			
Recorder: KK & ES		Survey Date: 16.08.2019	

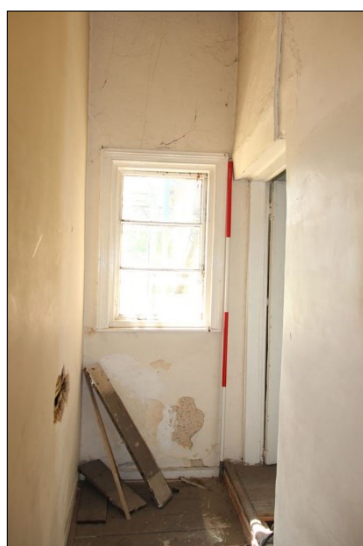


Photo F93: F17: south wall



Photo F94: F17: north wall



Photo F95: F17: detail of ceiling at north end of F17



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: S1	
Location: East end of the house			Function: Landing		
Dimensions (m):		Length:	Width:	Height:	
Wall form & decor: Painted plaster over timber. Skirting on stairs is moulded, changes to plain on landing.					
Ceiling / roof structure: Lath and plaster. Pitch towards north.					
Windows: Two fixed light window in north wall with cross glazing bars. Small fixed window on east wall with four panes.					
Doors: Two panel doors to room S04 on north, and to S5 on south, also to cupboard on east wall and curved-back cupboard on west.					
Floor: Floor boards up to 22 cm wide pine, laid east to west.					
Fireplace: None					
Staircase: Timber stair on north from S01 to S01a. Three steps to landing of S01, then enclosed timber stairs to first floor.					
Other architectural details: Water tank set behind curved cupboard, above stair.					
Recorder: KK & ES			Survey Date: 16.08.19		



Photo S1: S1: bottom of stair to second floor (S01)



Photo S2: S1: top of stair in S01, leading to S01a, facing east



Photo S3: S1: steps down to S2 from S1a



Photo S4: S1: windows above stairs, facing north



Photo S5: S1: curved-back cupboard outside S5, facing northwest



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: S2
Location: Northeast corner		Function: Store	
Dimensions (m):	Length:	Width:	Height:
Wall form & decor: North wall, painted plaster and partially exposed roof truss. Timber work with stud infill. West wall, tile under render. Very plain skirting, except on north.			
Ceiling / roof structure: Lath and plaster.			
Windows: Two light timber casement with rectangular panes.			
Doors: Two panelled doors to north and south.			
Floor: Floor boards up to 35cm wide, very variable.			
Fireplace: None			
Staircase: Four steps in south wall up to small hall. Timber.			
Other architectural details: Built in chest of drawers in east wall.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo S6: S2: east wall with built in chest of drawers



Photo S7: S2: south wall with steps to S01



Photo S8: S2: west wall

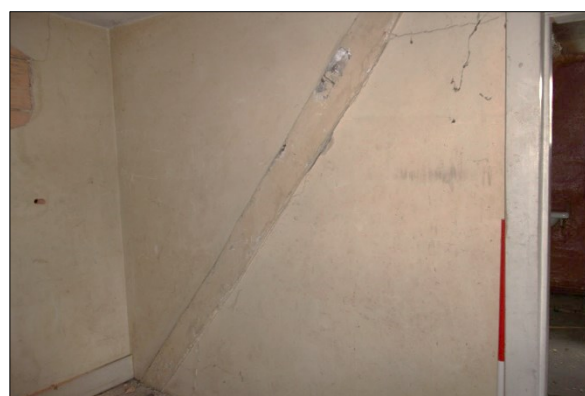


Photo S9: S2: north wall



Photo S10: S2: northeast corner of room, facing northeast



Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: S3
Location: Northeast corner		Function: Store	
Dimensions (m):	Length:	Width:	Height:
Wall form & decor: L-shaped room. Sprayed foam insulation. South contains roof truss			
Ceiling / roof structure: Lath and plaster.			
Windows: Two light fixed window in north wall.			
Doors: Two panelled door to south			
Floor: Floor boards up to 35cm wide, very variable.			
Fireplace: None			
Staircase: None			
Other architectural details: Cupboards on east wall. Basin on north wall. Bakelite switch on west wall.			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo S11: S3: facing northeast



Photo S12: S3: facing southwest

Project code: 482/NMW	Project: Abdale House, North Mymms		Room no: S4
Location: East		Function: Washroom	
Dimensions (m):	Length:	Width:	Height:
Wall form & decor: Painted plaster over timber. Plain skirting.			
Ceiling / roof structure: Lath and plaster. Pitch towards east.			
Windows: Small fixed window west wall with four panes.			
Doors: Two panel door to S01a on west.			
Floor: Pine floor boards up to 22 cm wide aligned east – west.			
Fireplace: None			
Staircase:			
Other architectural details: Basin on north. 'The Bedford'			
Recorder: KK & ES		Survey Date: 16.08.19	



Project code: 482/NMW		Project: Abdale House, North Mymms		Room no: S5	
Location: Southeast corner			Function: Bedroom		
Dimensions (m):		Length:	Width:	Height:	
Wall form & decor: Timber. South wall brick. Painted plaster. Plain skirting, none on south.					
Ceiling / roof structure: Lath and plaster. Hipped.					
Windows: South, two light timber casement with safety bar.					
Doors: Two panelled door to north. Hatch to roof space to east.					
Floor: Floor boards up to 22 cm wide pine, laid east – west.					
Fireplace: Timber surround, raised stone hearth, iron grate (similar to ?)					
Staircase: None					
Other architectural details:					
Recorder: KK & ES			Survey Date: 16.08.19		

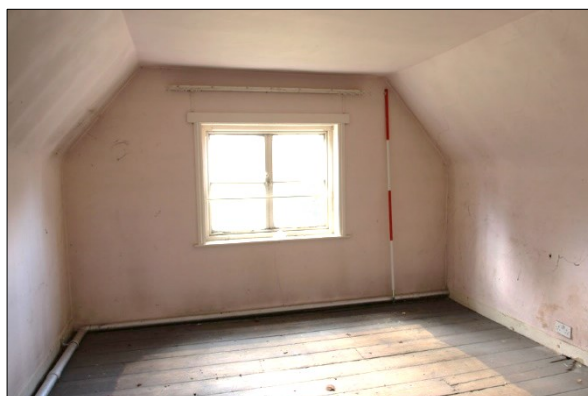


Photo S13: S5: south wall



Photo S14: S5: west wall



Photo S15: S5: detail of fireplace



Photo S16: S5: north wall



Photo S17: S5: east wall



Photo S18: S5: west wall stripped

Project code: 482/NMW	Project: Abdale House, North Mymms	Room no: S6	
Location: Above F15, in Northside		Function: Loft	
Dimensions (m):	Length:	Width:	Height:
Other architectural details: Water tank to west			
Recorder: KK & ES		Survey Date: 16.08.19	



Photo S19: S6: View from F12, facing west

nd



Project code: 482/NMW	Project: Abdale House, North Mymms	Location: Roof
<p>Roof 1-sawn and machine cut roof timbers (20 wide 35cm apart)', ridge board, purlin on southern side only. Square 4 stack chimney set into roof at the eastern end, red brick and cement with evidence of later repairs. Clay pots.</p> <p>Roof 2- sawn and hand hewn timbers (15 wide 40cm apart), pegged at ridge (Roof 1 ends inline with ridge), evidence of later repairs at northern end. Brace towards southern end purlins on either side with braces running across and the full length of the roof. Double chimney attached with evidence of modern repair, appears cement pointed with clay pots, over lapped partially but roof 3.</p> <p>Roof 3- Tiled on northern face still with hand made clay peg tiles, sawn timbers with evidence of reuse (with wooden pegs still in previous joints)'and later repairs, carpenters marks visible on most main timbers. Eastern end has been completely replaced with later timbers. Pegged joints along ridge visible.</p> <p>Roof 4- machine cut timbers (15 wide 34cm apart), nailed to ridge board, laths attached to inside.</p> <p>Roof 5- sawn and machine cut timbers (17 wide 40cm apart) nailed to a ridge board, purlins on either side where many timbers have joints which have failed over time (containing iron nails) and have either been replaced or other timbers added to support. Central brace shows evidence of reuse or that supports have been removed. Internal bracing runs along supporting the failed timbers. Double chimney at north end, red bricks (22x11x6cm) evidence of later repairs with cement repointing but with area of lime mortar still visible. Clay pipe protruding from the west stacks north side (appears to be a later addition). Double chimney stack on west side identical in construction to north stacks with more cement repointing visible and with modern clay pots.</p> <p>Roof 6- machine cut timbers (15 wide 40 cm apart), nailed to ridge board, evidence of later repairs to the north and south with braces at southern end and braces running along length of roof. Evidence on some reuse/previous joints visible. Floating chimney set into east side of roof, made of red brick (22x11x7cm) with lime mortar visible with later cement repairs, stack appears to have been repaired/replaced more recently, including whole brick replaced with cement. Clay pot. Large 4 stack chimney just attached to eastern side of roof appears that all four stacks have recently been replaced, red brick (23x10x7cm) and cement pointed. The base has evidence of a repair to the south of red bricks (22x10x7cm) and lime mortared while northern half is a mix of yellow (22x10x7cm) and red bricks with cement.</p> <p>Roof 7- sawn timbers (15 cmwide 40cm apart) with large central purlin with timbers joined in, even fence of later repair to the north, wooden pegged at ridge. Later dormer added with machine cut timber roof, cutting through purlin and surrounding timbers.</p>		
Recorder: KK & BB		Survey Date: 07.11.19



Photo 235: R1: Roofs 1, 3 - 5, facing west



Photo 236: R2: Roof 1, facing southwest



Photo 237: R3: Roof 1, facing southwest



Photo 238: R4: Roof 2, facing east



Photo 239: R5: Roof 2, facing southeast



Photo 240: R6: Roof 3, facing northeast



Photo 241: R7: Roof 5, facing southeast



Photo 242: R8: Roof 5, facing east



Photo 243: R9: Roof 5, facing east



Photo 244: R10: Roof 5, facing northeast



Photo 245: R11: Roof 5, facing northeast



Photo 246: R12: Roof 5, facing northwest



Photo 247: R13: Roof 5, facing northwest



Photo 248: R14: Roof 5, facing west



Photo 249: R15: Roof 5, facing northwest



Photo 250: R16: Roof 3, facing northwest



Photo 251: R17: Roof 3, facing northwest



Photo 252: R18: Roof 1, facing northeast



Photo 253: R19: Roof 6, facing east



Photo 254: R20: Roofs 1 & 6, facing east



Photo 255: R21: Roof 3, facing north



Photo 256: R22: Roof 6, facing northwest



Photo 257: R23: Roof 6, facing southwest



Photo 258: R24: Roof 7, facing southwest



Photo 259: R25: Roof 6, facing northwest



Appendix 2: List of Photographs

Number	Description	Creator	Date
1	South elevation, facing northwest	ES	01.08.2019
2	South elevation, facing north	ES	01.08.2019
3	Eastern end of south elevation	ES	01.08.2019
4	Central section of south elevation	ES	01.08.2019
5	Exposed brick in southeast corner (G3)	ES	01.08.2019
6	Exposed brick on south elevation (G4)	ES	01.08.2019
7	Outbuildings, view facing northeast	ES	01.08.2019
8	East elevation	ES	01.08.2019
9	North half of east elevation	ES	01.08.2019
10	South half of east elevation	ES	01.08.2019
11	French door into G3	ES	01.08.2019
12	Detail of brickwork to north of French door	ES	01.08.2019
13	Detail of timberwork on northeast corner, G2	ES	01.08.2019
14	North elevation	ES	01.08.2019
15	Detail of framing on eastern end	ES	01.08.2019
16	Detail of framing on eastern end of north elevation (G2)	ES	01.08.2019
17	Detail of barge boards on east gable	ES	01.08.2019
18	West elevation, facing east	ES	01.08.2019
19	South half of west elevation	ES	01.08.2019
20	North half of west elevation	ES	01.08.2019
21	Entrance porch to Northside in northwest corner	ES	01.08.2019
1	G1: south wall	KK	15.08.2019
2	G1: detail of exposed brick on south wall	KK	15.08.2019
3	G1: west wall with staircase	KK	15.08.2019
4	G1: north wall	KK	15.08.2019
5	G1: detail of front door	KK	15.08.2019
6	G1: east wall with fireplace	KK	15.08.2019
7	G1: detail of fireplace	KK	15.08.2019
8	G1: detail of framing to east passage	KK	15.08.2019
9	G1: interior of cupboard under stairs, facing northeast	KK	15.08.2019
10	G1: detail of telephone	KK	15.08.2019
11	G1: bell above cupboard door	KK	15.08.2019
12	G1: built-in cabinet in east passage	KK	15.08.2019
13	G2: East wall, facing northeast	KK	15.08.2019
14	G2: South wall, facing south	KK	15.08.2019
15	G2: North wall	KK	15.08.2019
16	G2: West wall	KK	15.08.2019
17	G2: Door to G1, west wall	KK	15.08.2019
18	G2: Detail of fireplace, facing west	KK	15.08.2019
19	G2: Spinal beam, facing southwest	KK	15.08.2019
20	G2: Ceiling rosette to south of beam	KK	15.08.2019
21	G2: Ceiling rosette in ceiling of bay on east	KK	15.08.2019
22	G2: Ceiling in eastern bay	KK	15.08.2019
23	G2: French doors in bay, facing south	KK	15.08.2019
24	G2: Shutter detail in east bay	KK	15.08.2019
25	G3: South wall	KK	15.08.2019
26	G3: West wall	KK	15.08.2019
27	G3: Fireplace on west wall	KK	15.08.2019
28	G3: North wall	KK	15.08.2019



Number	Description	Creator	Date
29	G3: East wall	KK	15.08.2019
30	G3: Curved ceiling at north end of room, facing northwest	KK	15.08.2019
31	G4: south wall	KK	15.08.2019
32	G4: west wall	KK	15.08.2019
33	G4: north wall	KK	15.08.2019
34	G4: east wall	KK	15.08.2019
35	G4: fireplace detail	KK	15.08.2019
36	G4: detail of north door	KK	15.08.2019
37	G5: Facing south, door to G6 on right, exterior door at end	KK	15.08.2019
38	G5: Facing north, door to G4 on right, door to G1 at end	KK	15.08.2019
39	G6: facing southeast	KK	15.08.2019
40	G6: facing northeast	KK	15.08.2019
41	G7: view from G1	KK	15.08.2019
42	G7: view to G1	KK	15.08.2019
43	G8: north wall	KK	15.08.2019
44	G8: east wall	KK	15.08.2019
45	G8: south wall	KK	15.08.2019
46	G8: west wall	KK	15.08.2019
47	G8: detail of fireplace, west wall	KK	15.08.2019
48	G8: detail of timberwork south of fireplace	KK	15.08.2019
49	G9: Facing east	KK	15.08.2019
50	G10: east wall	KK	15.08.2019
51	G10: southeast corner	KK	15.08.2019
52	G11: north wall	KK	15.08.2019
53	G11: detail of timber in northeast corner	KK	15.08.2019
54	G11: east wall, facing southeast	KK	15.08.2019
55	G11: east wall, facing northeast	KK	15.08.2019
56	G11: west and north walls, door to G10	KK	15.08.2019
57	G11: detail of fireplace in south wall	KK	15.08.2019
58	G11: north wall	KK	15.08.2019
59	G12: facing east, basement stairs on near right, stairs to first floor on right at far end	KK	15.08.2019
60	G12: facing west, basement stairs on left, door to G11	KK	15.08.2019
61	G13: facing south southeast	KK	15.08.2019
62	G13: detail of door into G14a, facing southeast	KK	15.08.2019
63	G14: southwest corner	KK	15.08.2019
64	G15: west wall	KK	15.08.2019
65	G15: north wall	KK	15.08.2019
66	G15: east wall	KK	15.08.2019
67	G15: south wall	KK	15.08.2019
68	G16: south wall, facing southeast	KK	15.08.2019
69	G16: east wall with corner fireplace	KK	15.08.2019
70	G16: west wall	KK	15.08.2019
71	G16: north wall, facing northwest	KK	15.08.2019
72	F1: view up staircase, facing south	KK	15.08.2019
73	F1: view down staircase, facing north	KK	15.08.2019
74	F1: view to east	KK	15.08.2019
75	F1: view to west	KK	15.08.2019
76	F1: skylight at west end of hall	KK	15.08.2019
77	F2: east and north walls, facing northeast	KK	15.08.2019
78	F2: east and south walls, facing southeast	KK	15.08.2019
79	F2: north wall	KK	15.08.2019



Number	Description	Creator	Date
80	F3: north wall	KK	15.08.2019
81	F3: east wall alcove	KK	15.08.2019
82	F3: east and south walls, facing southeast	KK	15.08.2019
83	F3: south and west walls, facing southwest	KK	15.08.2019
84	F3: detail of fireplace, facing east	KK	15.08.2019
85	F4: west wall, door to right blocked with brick	KK	15.08.2019
86	F4: north wall	KK	15.08.2019
87	F4: east wall	KK	15.08.2019
88	F4: east end of south wall	KK	15.08.2019
89	F4: west end of south wall	KK	15.08.2019
90	F4: detail of fireplace, west wall	KK	15.08.2019
91	F4: detail of timberwork, east wall	KK	15.08.2019
92	Stairs up to F5	KK	15.08.2019
93	Stairs down from F5	KK	15.08.2019
94	F5: east wall	KK	15.08.2019
95	F5: south wall	KK	15.08.2019
96	F5: west and north walls, showing curved corner, facing northwest	KK	15.08.2019
97	F5: north wall, facing northeast	KK	15.08.2019
98	F6: south wall	KK	15.08.2019
99	F6: east wall	KK	15.08.2019
100	F6: west wall	KK	15.08.2019
101	F6: detail of fireplace, west wall	KK	15.08.2019
102	F6: north wall	KK	15.08.2019
103	F6: view down the stairs to F1	KK	15.08.2019
104	F7: south wall	KK	15.08.2019
105	F7: west wall	KK	15.08.2019
106	F7: north wall	KK	15.08.2019
107	F7: east wall	KK	15.08.2019
108	7: fireplace detail, facing southeast	KK	15.08.2019
109	F8: facing north towards F1	KK	15.08.2019
110	F8: facing south from F1	KK	15.08.2019
111	F9: southwest corner, door to F7 on left, door to F10 on right	KK	15.08.2019
112	F9: southeast corner, window into F8	KK	15.08.2019
113	F9: northeast corner, skylight above	KK	15.08.2019
114	F10: facing south	KK	15.08.2019
115	F10: facing north, door to F1	KK	15.08.2019
116	F11: north wall	KK	15.08.2019
117	F11: east wall	KK	15.08.2019
118	F11: south wall	KK	15.08.2019
119	F11: south wall	KK	15.08.2019
120	F11: west wall	KK	15.08.2019
121	F11: detail of fireplace	KK	15.08.2019
122	F12: back stair along south wall	KK	15.08.2019
123	F12: partition wall dividing Northside and Abdale House, facing southeast	KK	15.08.2019
124	F12: view across F12 from F13 towards F14, facing north	KK	15.08.2019
125	F13: southeast corner, facing southeast	KK	15.08.2019
126	F13: facing south	KK	15.08.2019
127	F14: top of east wall with sink at bottom, showing high ceilings	KK	15.08.2019
128	F14: east wall, facing northeast	KK	15.08.2019
129	F15: west wall	KK	15.08.2019
130	F15: north wall	KK	15.08.2019



Number	Description	Creator	Date
131	F15: detail of timber framing in north wall	KK	15.08.2019
132	F15: east wall	KK	15.08.2019
133	F15: detail of timber work in east wall, mullion window from F11	KK	15.08.2019
134	F15: south wall	KK	15.08.2019
135	F15: detail of fireplace in south wall	KK	15.08.2019
136	F16: south wall	KK	15.08.2019
137	F16: west wall	KK	15.08.2019
138	F16: north wall	KK	15.08.2019
139	F16: east wall	KK	15.08.2019
140	F16: detail of fireplace	KK	15.08.2019
141	F17: south wall	KK	15.08.2019
142	F17: north wall	KK	15.08.2019
143	F17: detail of ceiling at north end of F17	KK	15.08.2019
144	S1: bottom of stair to second floor (S01)	KK	15.08.2019
145	S1: top of stair in S01, leading to S01a, facing east	KK	15.08.2019
146	S1: steps down to S02 from S01a	KK	15.08.2019
147	S1: windows above stairs, facing north	KK	15.08.2019
148	S1: curved-back cupboard outside S05, facing northwest	KK	15.08.2019
149	S2: east wall with built in chest of drawers	KK	15.08.2019
150	S2: south wall with steps to S01	KK	15.08.2019
151	S2: west wall	KK	15.08.2019
152	S2: north wall	KK	15.08.2019
153	S2: northeast corner of room, facing northeast	KK	15.08.2019
154	S3: facing northeast	KK	15.08.2019
155	S3: facing southwest	KK	15.08.2019
156	S5: south wall	KK	15.08.2019
157	S5: west wall	KK	15.08.2019
158	S5: detail of fireplace	KK	15.08.2019
159	S5: north wall	KK	15.08.2019
160	S5: east wall	KK	15.08.2019
161	S6: View from F12, facing west	KK	15.08.2019
162	B: Facing north	KK	15.08.2019
163	B: Facing south	KK	15.08.2019
1	F3 Fireplace detail	KK	16.08.19
2	G1: door closer	KK	16.08.19
3	Finger guards minus brass plates to G4	KK	16.08.19
4	Bakelite button	KK	16.08.19
5	G4: east wall south of fireplace	KK	16.08.19
1	Room G1: ceiling	KK	18.10.2019
2	Room G2 Tudor arch and timber work	KK	18.10.2019
3	Room G3: North wall	KK	18.10.2019
4	Room G3: East wall brick	KK	18.10.2019
5	Room G4: Concrete lined service ducts	KK	18.10.2019
6	Room F13: East wall	KK	18.10.2019
7	Room F13: North wall	KK	18.10.2019
8	Room F14: West wall, south end	KK	18.10.2019
9	Room F14: West wall, south end roof	KK	18.10.2019
10	Room F14: West wall, south end of roof	KK	18.10.2019
11	Room F14: East wall, south end	KK	18.10.2019
12	Room F14: East wall, south end roof	KK	18.10.2019



Number	Description	Creator	Date
13	Room F14: East end, south end top of roof	KK	18.10.2019
14	Room F14: West wall north end	KK	18.10.2019
15	Room F14: West wall north end roof	KK	18.10.2019
16	Room F14: West wall north end top of roof	KK	18.10.2019
17	Room F14: East wall north end	KK	18.10.2019
18	Room F14: East wall north end roof	KK	18.10.2019
19	Room F14: East wall north end of roof	KK	18.10.2019
1	G2: west wall	KK	07.11.2019
2	G2: facing northeast	KK	07.11.2019
3	G3: north wall	KK	07.11.2019
4	G3: north end of west wall	KK	07.11.2019
5	G3: north end of east wall	KK	07.11.2019
6	G8: facing northwest	KK	07.11.2019
7	G8: facing southwest	KK	07.11.2019
8	G8: south end of west wall	KK	07.11.2019
9	G8: fireplace detail	KK	07.11.2019
10	G8: north end of west wall	KK	07.11.2019
11	G8: south wall	KK	07.11.2019
12	G8: north wall	KK	07.11.2019
13	G8: facing southeast	KK	07.11.2019
14	G8: facing northeast	KK	07.11.2019
15	G11: north wall	KK	07.11.2019
16	G11: east end of north wall	KK	07.11.2019
17	G11: east wall	KK	07.11.2019
18	G11: north end of east wall	KK	07.11.2019
19	G11: northeast corner	KK	07.11.2019
20	F1: facing northeast	KK	07.11.2019
21	F1-3: facing north	KK	07.11.2019
22	F8: west wall	KK	07.11.2019
23	F1: eastern end	KK	07.11.2019
24	F1: eastern end	KK	07.11.2019
25	F1 & F5: eastern end	KK	07.11.2019
26	F4: east wall	KK	07.11.2019
27	F4: east wall	KK	07.11.2019
28	F4: north end of east wall	KK	07.11.2019
29	F4: south end of east wall	KK	07.11.2019
30	F4: south wall	KK	07.11.2019
31	F4: east end of south wall	KK	07.11.2019
32	F4: west end of south wall	KK	07.11.2019
33	F4: west wall	KK	07.11.2019
34	F12: view to north	KK	07.11.2019
35	F15: east wall	KK	07.11.2019
36	F15: north wall	KK	07.11.2019
37	F15: west end of north wall	KK	07.11.2019
38	F15: east end of north wall	KK	07.11.2019
39	S5: west wall	KK	07.11.2019
40	Roof R1 from S5	KK	07.11.2019
41	Brick detail in chimneys stacks west of S5	KK	07.11.2019
42	Brick detail in chimneys stacks west of S5	KK	07.11.2019
43	Brick detail in chimneys stacks west of S5	KK	07.11.2019
44	Roof 1, facing south	KK	07.11.2019



Number	Description	Creator	Date
45	Roof 1, facing southwest	KK	07.11.2019
46	Roof 2, facing east	KK	07.11.2019
47	Roof 2, facing southeast	KK	07.11.2019
48	Roof 3, facing northeast	KK	07.11.2019
49	Roof 5, facing southeast	KK	07.11.2019
50	Roof 5, facing east	KK	07.11.2019
51	Roof 5, facing east	KK	07.11.2019
52	Roof 5, facing northeast	KK	07.11.2019
53	Roof 5, facing northeast	KK	07.11.2019
54	Roof 5, facing northwest	KK	07.11.2019
55	Roof 5, facing northwest	KK	07.11.2019
56	Roof 5, facing west	KK	07.11.2019
57	Roof 5, facing northwest	KK	07.11.2019
58	Roof 3, facing northwest	KK	07.11.2019
59	Roof 3, facing northwest	KK	07.11.2019
60	Roof 1, facing northeast	KK	07.11.2019
6	Roof 6, facing east	KK	07.11.2019
62	Roofs 1 & 6, facing east	KK	07.11.2019
63	Roof 3, facing north	KK	07.11.2019
64	Roof 6, facing northwest	KK	07.11.2019
65	Roof 6, facing southwest	KK	07.11.2019
66	Roof 7, facing southwest	KK	07.11.2019
67	Roof 6, facing northwest	KK	07.11.2019
1	F11: mullioned window detail	KK	08.11.2019
2	F11: mullioned window detail	KK	08.11.2019
3	F11: mullioned window detail	KK	08.11.2019
4	F11: mullioned window detail	KK	08.11.2019
5	F11: mullioned window detail	KK	08.11.2019
6	F11: mullioned window detail	KK	08.11.2019
7	F11: mullioned window detail	KK	08.11.2019
8	F11: mullioned window detail	KK	08.11.2019
9	F5: north wall	KK	08.11.2019
10	F5: north wall	KK	08.11.2019
11	F5: north wall	KK	08.11.2019
12	F5: north wall	KK	08.11.2019
13	F5: north wall	KK	08.11.2019
14	F5: north wall	KK	08.11.2019
15	F5: north wall	KK	08.11.2019
16	F5: north wall	KK	08.11.2019
17	F5: north wall	KK	08.11.2019
18	G9?	KK	08.11.2019
19	G9?	KK	08.11.2019
20	G9?	KK	08.11.2019
21	G9?	KK	08.11.2019
22	G9?	KK	08.11.2019
23	G9?	KK	08.11.2019
24	French drain south of G4	KK	08.11.2019
25	French drain south of G4	KK	08.11.2019
26	French drain south of G3	KK	08.11.2019
27	French drain west of G3	KK	08.11.2019
28	French drain west of G3	KK	08.11.2019



Number	Description	Creator	Date
29	French drain north east corner of buildng	KK	08.11.2019
30	French drain south of outbuilding	KK	08.11.2019
1	Northeast corner of timberwork		19.11.2019
2	East elevation timberwork		19.11.2019
3	Roof 7 looking northwest		19.11.2019
4	Roof 7 looking southwest		19.11.2019
5	Roof 7 looking southwest		19.11.2019
6	Roof 7 looking southwest		19.11.2019
7	Roof 7 rafter detail		19.11.2019
8	Roof 7 rafter detail		19.11.2019
9	Roof 7 rafter detail		19.11.2019
10	South elevation		19.11.2019
11	South elevation		19.11.2019
12	South elevation: brick detail G3 & G4		19.11.2019
13	South elevation: brick detail G6 / G14		19.11.2019
14	South elevation: brick detail G6 / G14		19.11.2019
15	G14: sotthwest corner		19.11.2019
16	G14: northeast corner		19.11.2019
17	G10: north wall		19.11.2019
18	G10: west wall		19.11.2019
19	G10: southwest corner		19.11.2019
20	G10: northwest corner		19.11.2019
21	G10: south wall		19.11.2019
22	F11: south end of west wall		19.11.2019
23	F11: north end of west wall		19.11.2019
24	F11: north wall		19.11.2019
25	F11: north wall		19.11.2019
26	F11: north wall		19.11.2019
27	S6 from the east		19.11.2019
28	F4: west end of north wall		19.11.2019
29	F4: east end of north wall		19.11.2019
30	F4: north end of east wall		19.11.2019
31	F4: south end of east wall		19.11.2019
32	F4: south end of east wall		19.11.2019
33	F4: west end of south wall		19.11.2019
34	F4: east end of south wall		19.11.2019
1	Tr 1: south facing section	DW	14.07.2020
2	Tr 1: south facing section	DW	14.07.2020
3	Tr 1: east facing section	DW	14.07.2020
4	Tr 1: west facing section	DW	14.07.2020
5	Tr 1: north facing section	DW	14.07.2020
6	Tr 1: view north	DW	14.07.2020
7	Tr 1: view north	DW	14.07.2020
8	Tr 2: south facing section	DW	14.07.2020
9	Tr 2: north facing section	DW	14.07.2020
10	Tr 2: south facing section	DW	14.07.2020
11	Tr 1: west facing section	DW	14.07.2020
12	TR 1 & 2 facing north	DW	14.07.2020
13	Tr 3:	DW	14.07.2020



Number	Description	Creator	Date
14	Tr 3:	DW	14.07.2020
15	Tr 3:detail	DW	14.07.2020
16	Tr 3:detail	DW	14.07.2020
17	Tr 3:detail	DW	14.07.2020
18	West wall timberwork from the ground floor	KK	14.07.2020
19	West wall timberwork from the ground floor	KK	14.07.2020
20	West wall timberwork from the ground floor	KK	14.07.2020
21	West wall timberwork from the first floor	KK	14.07.2020
22	West wall timberwork from the first floor	KK	14.07.2020
23	West wall timberwork from the first floor	KK	14.07.2020
24	West wall, south end	KK	14.07.2020
5	West wall, centre	KK	14.07.2020
26	West wall, north end	KK	14.07.2020
27	West wall, north end	KK	14.07.2020
28	West wall	KK	14.07.2020
29	Wattle & daub detail	KK	14.07.2020
1	Ground reduction in conservatory area; view to west	DK	11.08.2020
2	Ground reduction in conservatory area; view to west	DK	11.08.2020
3	Detail of ground reduction in conservatory area; view to west	DK	11.08.2020
4	Detail of ground reduction in conservatory area; view to west	DK	11.08.2020
5	Dumbwell in service trench west of house: view to east	DK	11.08.2020
6	Dumbwell in service trench west of house: view to east	DK	11.08.2020
7	Dumbwell & brick conduit in service trench west of house: view to east	DK	11.08.2020
8	Dumbwell & brick conduit in service trench west of house: view to east	DK	11.08.2020
9	Opening in dumb well: view to east	DK	11.08.2020
10	Opening in dumb well: view to east	DK	11.08.2020
11	Opening in dumb well: view to east	DK	11.08.2020



Appendix 3: OASIS and Site Data

PROJECT DETAILS			
Project Name & Address	Abdale House/Northside, 32-34 Warrengate Road North Mymms, Herts.	Project Site Code	482/NMW
OASIS reference	kdkarcha1-362041	Event/Accession no	WEWHM 2019.14
OS reference	TL 23042 03724	Study area size	5432sq m
Project Type	Historic Building Recording, Historic Building Watching Brief & Archaeological Watching Brief	Height (mAOD)	80m AOD
Short Description	<p>Between August 2019 and August 2020 KDK Archaeology Ltd carried out Historic Building Recording, an Historic Building Watching Brief and an Archaeological Watching Brief on Abdale House/Northside, 32-34 Warrengate Road, North Mymms, Hertfordshire during the conversion of the property to a single residence. Abdale House appears to have originally been a hall house with crosswings the earliest possibly dating from the 14th century. The eastern crosswing dates from c.1600 but the central section originally housing the hall is not easy to date having been completely rebuilt in the late 19th century. Northside was built at much the same time as the eastern crosswing and extended in the 18th century, possibly as a larger building programme including the extension of the eastern crosswing and the addition of some smaller service rooms to the south of the building. The building was extensively rebuilt in the late 19th century.</p> <p>Historically the building is known for housing a radio station for the Polish Air Force and housing some members of the Polish government in exile during the Second World War.</p>		
Previous work	No	Site status	Grade II listed
Planning proposal	Erection of single storey rear extension, interior and exterior renovation	Current land use	Residential
Local Planning Authority	Welwyn Hatfield Borough Council	Planning application ref.	6/2019/1371/FULL and 6/2019/1372/LB
Monument type	Timber framed building	Monument period	Medieval
Significant finds	-	Future work	No
PROJECT CREATORS			
Organisation	KDK Archaeology Ltd		
Project Brief originator	-	Project Design originator	KDK Archaeology Ltd
Project Manager	Karin Kaye MA MCIfA	Director/Supervisor	Karin Kaye MA MCIfA
Sponsor/funding body	Mr & Dr Aylard		
PROJECT DATE			
Start date	15.08.2019	End date	11.08.2020
PROJECT ARCHIVES			
	Location	Content (eg. pottery, animal bone, files/sheets)	
Physical	N/A	None	
Paper	Mill Green Museum	WSI, Report, Fieldwork sheets, photos	
Digital	OASIS/ADS	Report	
BIBLIOGRAPHY (Journal/monograph, published or forthcoming, or unpublished client report)			
Title	Historic Building Recording, Historic Building Watching Brief & Archaeological Watching Brief: Abdale House/Northside, 32-34 Warrengate Road, North Mymms, Hertfordshire		



Serial title & volume	KDK Archaeology 482.NMW/2.1		
Author(s)	Karin Kaye MA, Ellen Shlasko PhD & Derek Watson PhD		
Page nos	133	Date	15 th May 2021



Appendix 4: Hertfordshire HER Summary Sheet

Site name and address: Abdale House/Northside, 32-34 Warrengate Road North Mymms, Herts.		
County:	Hertfordshire	District: Welwyn Hatfield
Village/Town:	North Mymms	Parish: North Mymms
Planning application reference:	6/2019/1371/FULL and 6/2019/1372/LB	
Client's name, address, & tel. no:	Mr & Dr Aylard, address as above	
Nature of application:	Erection of single storey rear extension, interior and exterior renovation	
Present land use:	Residential	
Size of application area:	5432sq m	Size of area investigated: c.500sq m
NGR (to 8 figures):	TL 23042 03724	Site code: 482/NMW
Site director:	Karin Kaye MA MCIfA	Organization: KDK Archaeology Ltd
Type of work:	Historic Building Recording, Historic Building Watching Brief & Archaeological Watching Brief	
Date of work:	Start: 15.08.2019	Finish: 11.08.2020
Curating museum:	Mill Green Museum	
Related HER nos:	Periods represented:	Medieval-post-medieval
Relevant previous summaries/reports:		
<p>Summary of fieldwork results:</p> <p>Between August 2019 and August 2020 KDK Archaeology Ltd carried out Historic Building Recording, an Historic Building Watching Brief and an Archaeological Watching Brief on Abdale House/Northside, 32-34 Warrengate Road, North Mymms, Hertfordshire during the conversion of the property to a single residence. Abdale House appears to have originally been a hall house with crosswings the earliest possibly dating from the 14th century. The eastern crosswing dates from c.1600 but the central section originally housing the hall is not easy to date having been completely rebuilt in the late 19th century. Northside was built at much the same time as the eastern crosswing and extended in the 18th century, possibly as a larger building programme including the extension of the eastern crosswing and the addition of some smaller service rooms to the south of the building. The building was extensively rebuilt in the late 19th century.</p> <p>Historically the building is known for housing a radio station for the Polish Air Force and housing some members of the Polish government in exile during the Second World War.</p>		
Author:	Karin Kaye MA MCIfA	Date: 15 th May 2021