

# CANNON HALL PORCH, BARK HOUSE LANE, CAWTHORNE, BARNSLEY, SOUTH YORKSHIRE



## Archaeological Photographic Survey and results of a Watching Brief

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SUMMARY OF PROJECT DETAILS

**OASIS ID:** Thejesso1-308191  
**TJC Project Code:** A11  
**Project Type(s):** Historic Building Survey – Level 1  
b/w Photography  
Watching brief

**National Grid Reference:** SE 27209 08331 (centered)  
**County:** South Yorkshire  
**District/Unitary Authority:** Barnsley  
**Parish:** Cawthorne  
**Elevation (above sea level):** c.122m

**Designation Status(s):** Listed Building – Grade II\* (1151805)  
**HER Record No(s):** 02938/02

**Prepared by:** Oliver Jessop MCIfA

**Reviewed by** James Thomson MCIfA

**Date:** February 2018  
**Version:** FINAL

## TABLE OF CONTENTS

NON-TECHNICAL SUMMARY .....	1
1 INTRODUCTION .....	2
2 SITE LOCATION AND BASELINE CONDITION.....	4
3 METHODOLOGY .....	6
4 UNDERSTANDING THE SITE - HISTORY .....	8
5 UNDERSTANDING THE SITE – DESCRIPTION OF FABRIC.....	9
6 DISCUSSION AND CONCLUSION .....	12
7 SUPPORTING INFORMATION .....	13

**Appendix 1** – Site photographs

**Appendix 2** – Photographic registers and view point plans

## NON-TECHNICAL SUMMARY

*Prior to the removal of timber framed windows and an entrance screen within the doric porch at Cannon Hall, South Yorkshire a b/w photographic survey was undertaken as part of the Listed Building Consent for the alterations - BMBC LB Consent 12017/0239/FUL.*

*Cannon Hall is under the ownership of Barnsley Metropolitan Borough Council and is centered on NGR SE 27209 08331. The archaeological recording was undertaken in accordance with a Written Scheme of Investigation.*

*As part of the archaeological scheme of works a watching brief was maintained during the lifting of two of the stone floor slabs. Beneath the slabs was a layer of sand acting as a bedding substrate. No features or artefacts were noted.*

*The photographic record represents a Historic England 'Level 1/2' building survey. A single 35mm b/w film was taken, capturing 36 frames. A detailed examination of the glazing confirmed that it was not original to the porch and represents a secondary insertion.*

*This report will be submitted to the South Yorkshire Archaeology Service for inclusion within their Sites and Monuments Record and uploaded to the Online Archaeological Database of Archaeological Projects – OASIS (No. Thejesso1-308 191).*

## I INTRODUCTION

### BACKGROUND

This document presents the results of a photographic survey of the Porch at Cannon Hall, Cawthorne, Barnsley, South Yorkshire (**Figure 1**). It has been prepared in accordance with guidance issued by Historic England and the Chartered Institute for Archaeologists and represents a 'Level 1' survey.

Cannon Hall is a Grade II\* Listed building, of which the core fabric which was built between 1765-1785.

### AIMS

The principal aim of this archaeological survey has been to make a rapid photographic record (HE Level 1; Historic England 2016) of the porch at Cannon Hall prior to the replacement of the glazing and doors. A secondary aim was to monitoring of the lifting of two paving stones and document any features exposed underneath.

### *PRINCIPAL DELIVERABLES DERIVING FROM THIS WORK:*

- A b/w photographic survey of the porch;
- The deposition of a bound report with the South Yorkshire Archaeology Service (SYAS), and the uploading of a digital copy to the Archaeology Data Service (ADS).

### DISSEMINATION

Printed or digital copies of this report will be distributed to the Client and SYAS. In addition, a digital copy will be uploaded to the OASIS (Online AccesS to the Index of archaeological investigations) with the reference number: **thejesso1-308 191**.



Figure 1: Location map of Cannon Hall

OS map reproduced under Licence No.100056148. Ordnance Survey © Crown Copyright ©.

## 2 SITE LOCATION AND BASELINE CONDITION

### LOCATION OF SITE AND SETTING

Cannon Hall is located 1.5km to the northwest of the village of Cawthorne, South Yorkshire (**Figure 1**). The Hall is centered on NGR SE 27209 08331 and is c.122m above Ordnance Datum. Principal access is via a gated drive to the southeast from A365.

The Porch has been built out from the central bay of the north façade (**Appendices 1.1-1.3**).

### GEOLOGY AND ELEVATION

The underlying bedrock geology beneath Cannon Hall is Pennine Lower Coal Measures Formation – Mudstone, Siltstone and Sandstone. No superficial deposits are recorded (BGS Digital data 2018).

The house is located at an elevation of c.122m above sea.





Figure 2: Location map of Entrance Porch at Cannon Hall

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### 3 METHODOLOGY

#### INTRODUCTION

This scheme of archaeological photographic recording and watching brief has been undertaken in accordance with the guidelines issued by the Chartered Institute for Archaeologists (CIfA 2014), and Historic England (2016) and in accordance with a Written Scheme of Investigation (TJC 2017).

#### METHODOLOGY

The survey represents a Historic England 'Level 1' photographic record, comprising of 35mm b/w images. A single film was taken during the course of the fieldwork (see **Appendix 2**).

Each photograph has included a metric survey scale of an appropriate scale, and positioned in suitable locations within each frame as appropriate (**Appendix 1**). A written register and location plan have been used to document the location of all photographs (**Appendix 2**). All external elevations and the interior of the Porch.

The fieldwork records comprising of registers, location plans, contact prints and negatives have been labeled and will be deposited with the Barnsley Archives.

#### LIMITATIONS

The photographic record has building survey has examined all readily accessible external and internal parts of the Porch.

The scope of the report is limited to:

- Consultation with architectural plans produced for alterations to the building
- Detailed site survey comprising of b/w photography
- The preparation of this report and a fieldwork archive.

#### NOMENCLATURE

The terminology used throughout this document has been derived from existing names and descriptions associated with Cannon Hall.

#### SITE SURVEY

The site was surveyed by Oliver Jessop MCIfA on the 3<sup>rd</sup> July 2017.

## RESEARCH QUESTIONS

you could say the aim of the project was to add to our knowledge of the development and architectural interest of a nationally important stately home?

Within South Yorkshire there is no published and adopted research framework so this scheme of work has attempted to identify, record and interpret any aspects of the historic fabric and to add to our knowledge of the development and architectural interest of Cannon Hall, which is a Nationally important Heritage Asset.

## 4 UNDERSTANDING THE SITE - HISTORY

### SUMMARY

The existing building that comprises Cannon Hall, has its origins as a manor and farmstead that was sold to Robert Hartley for £2,900 in 1650. A few years later it was purchased by John Spencer, who developed the site. Between 1765-1785 over £30,000 was spent on making major improvements to the Hall by the architect John Carr. Two single storey wings were added on the ends of the old Hall. The rooms in the central section were re-modelled in 1778 and the second stories to the two wings added in 1803-4. Final major additions to the house came in the late 19th century; they included the ballroom which was finished in 1891 and the Victorian Kitchens and Servants Quarters which were also built around this time, all of which survive intact.

The glazed Doric porch that is the subject of this scheme of archaeological investigation, is understood to date to later alterations at the start of the 20<sup>th</sup> century.

Cannon Hall sits in 70 acres of historic parkland, a landscape that was laid out to a design by the garden designer Richard Woods.

The house was purchased from the Spencer Stanhope family by the County Borough of Barnsley in 1951, following which it was opened as a museum in 1957.

The building underwent restoration in 1965.

## 5 UNDERSTANDING THE SITE – DESCRIPTION OF FABRIC

### SUMMARY

This section of the report describes the various elements of the Porch that are intended for removal, or alteration as part of the Listed Building Consent.

### THE PORCH

The porch has been built against the north elevation of Cannon Hall in a Doric style (**Appendix I.4**), with cylindrical columns and a plain entablature with a projecting cornice above constructed from a fine grained yellow sandstone (**Appendix I.9**). The columns are set on square bases 66cm x 66cm in size. The columns are 2.57m apart and the height from the floor to underside of the entablature is 3.76m. Where the porch abuts the Hall, there are two attached square pilasters set on either side of the stone console brackets that flank the doorcase. Set between the columns and pilasters are low sandstone walls, 2m in length and 0.8m in height (**Appendix I.17**). Each wall has a moulded plinth and an offset upper section. There is a boot scraper against the northeast column (**Appendix I.10**).

The floor of the porch comprises of a single large slab of York Stone measuring c.2.2m x 2.25m (**Appendix I.21**), with narrow strips of stone along either side that are c.0.28m in width.

The internal dimensions of the Porch are 2.2m x 2.8m. There is a geometric inspired ceiling painted white (**Appendix I.19**). Its height is 4m above the floor.

The Porch is a secondary addition to the Hall (**Appendix I.8**), but was originally intended to be open sided and exposed to the elements.

### THE GLAZING – SIDE ELEVATIONS

The second phase of the Porch entailed the insertion of glazing and a pair of partially-glazed entrance doors that formed an enclosed lobby/foyer. Both of the side elevations were of an identical design with three large rectangular panes of plate glass 0.94m x 1.6m in size, with small side panels on either side c.0.92m x 14.5cm (**Appendices I.5, I.6**). The glass was closely set against the north wall of the Hall (**Appendix I.12**) and cut to follow the moulded profile of the capitals of each column and pilasters (**Appendix I.18**).

The glazing was supported by a timber frame with two large mullions, and thinner profiled transoms or rails (**Appendix I.11**). The mullions measured 6.5cm x 11.5cm in size and were externally decorated by two half round parallel mouldings. The internal faces had a simple cyma

reversa profile (**Appendix I.16**). The joinery was thickly painted with white gloss paint (**Appendix I.20**).

During the removal of the windows, sections of the frames were retained in storage at Cannon Hall.

#### DOORS AND FRONT ELEVATION

The pair of external doors each measured 0.63m x 1.6m (**Appendix I.4**). There was a solid lower panel with a larger pane of plate glass above (**Appendix I.7**). Above the doors was a large pane of plate glass and on either side were secondary fielded panes to mirror the proportions of the central glazing on the doors. At the base of these side sections were solid timber panels. The lower sections of each panel was decorated with a simple cyma reversa moulding with a secondary square profiled step forming a raised central section.

It was noted that the timber glazing bars above the doors was plain by comparison to the joinery on the side elevations (**Appendix I.9**). This may indicate that this upper section has been repaired.

A modern letter box had been inserted on the western side panel adjacent to the entrance door. This had an internal timber box to prevent any letters dropping to the floor.

The doors opened inwards and each was supported on three large iron hinges (**Appendix I.15**). There was an internal security bolt (**Appendix I.13**) and a decorated brass handle (**Appendix I.14**) which was heavily worn.

#### TRIAL HOLES

During the lifting of short sections of floor slabs in the northwest (**TP1**) and northeast (**TP2**) corners of the porch (see **Figure 3**) an archaeological watching brief was maintained. The joints between the stones were cut with a steel saw to widened them and enable their removal. No features of note were observed.

**TP1** – This hole measured 27cm x 49cm and located in the northwest corner of the Porch (**Appendix I.22**) and the York Stone slab that was removed was 11cm in thickness. The stone was found to be bedded on a deposit of yellow sand (**Appendix I.23**).

**TP2** – This hole measured 28cm x 48cm and located in the northeast corner of the Porch (**Appendix I.24**) and the York Stone slab that was removed was 11cm in thickness. The stone was found to be bedded on a deposit of yellow sand (**Appendix I.25**).

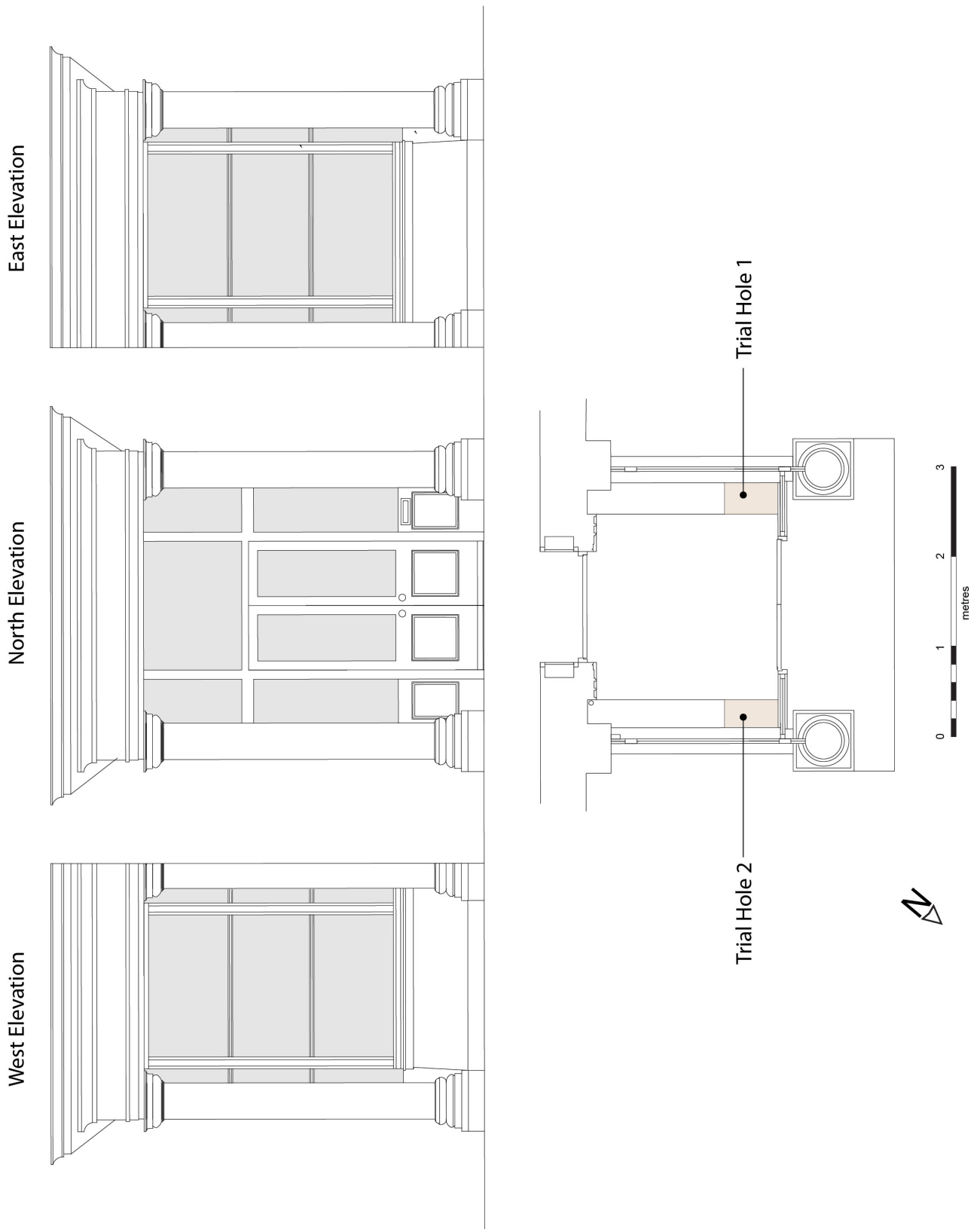


Figure 3: Plan and elevations of the entrance Porch

## 6 DISCUSSION AND CONCLUSION

### DISCUSSION

The photographic survey has produced a detailed photographic record of the condition and appearance of the Porch at Cannon Hall at the time of survey. It appears to have been a secondary addition to the north elevation of the building, evidenced by a mis-match in the stone courses at the interface between the wall and the Porch. The timber framed fenestration and double doors within the porch are also secondary insertions - the molding styles indicate a mid 19<sup>th</sup> century date is likely.

The monitoring of the lifting of the floor slabs provided no meaningful results, apart from the confirmation of their thickness and that they were bedded on a layer of yellow sand.

### CONCLUSION

The building has considerable archeological importance and this survey has successfully document the character and appearance of the glazing and doors to the Porch prior to being replaced as part of this scheme of works.



## 7 SUPPORTING INFORMATION

### AUTHORSHIP

This report has been prepared by Oliver Jessop MClfA. Editing has been provided by James Thomson MClfA.

### ACKNOWLEDGEMENTS

Tony Wiles is thanked for his help in arranging access and for providing background information. Gemma Hinchcliffe is acknowledged and thanked for her patience and for providing survey drawings. Castle Masonry undertook the construction work and assisted with the archaeological recording.

### PROJECT ARCHIVE

The fieldwork archive will ultimately to be deposited with the archives in Barnsley.

*The archive contents of this survey include:*

- 1x b/w photographic negative sheets (Films 1)
- b/w photographic prints (x36 6x4")
- Field notes and drawings (4x A4) and photographic registers (1x A4)
- Copy of final report (TJC2018.08)

### SOURCES AND REFERENCES CONSULTED

#### *SECONDARY SOURCES: PUBLISHED WORKS AND GREY LITERATURE*

ClfA (Chartered Institute for Archaeologists). 2014. *Standards and Guidance for the archaeological investigation and recording of standing buildings and structures*. Chartered Institute for Archaeologists: Reading

HE (Historic England). 2016. *Understanding Historic Buildings: a guide to good recording practice*. Historic England: London

#### INTERNET RESOURCES

- British Geological Survey: [www.bgs.ac.uk](http://www.bgs.ac.uk)
- National Heritage List: [www.english-heritage.org.uk/professional/protection/process/national-heritage-list-for-england/](http://www.english-heritage.org.uk/professional/protection/process/national-heritage-list-for-england/)

**Appendix I:**  
Site Photographs



**Appendix I.1:** General view of Porch and north elevation of Hall, looking south. **Film I.03.**



**Appendix I.2:** General view of Porch and north elevation of Hall, looking southwest. **Film I.05.**



**Appendix I.3:** Detail of Porch, looking southeast (1m/2m scale). Film I.06



**Appendix I.4:** Detail of Porch, looking southwest (1m/2m scale). Film I.15.



Appendix I.5: Detail of west elevation, looking northeast (1m/2m scale). Film I.I.I.





Appendix I.6: Detail of west elevation, looking northeast (1m/2m scale). Film I.14



**Appendix I.7:** Detail of external doors (50cm scale divisions). **Film I.8.**





**Appendix I.8:** Detail of inner door into Hall (1m/2m scale). **Film I.18.**



**Appendix I.9:** Detail of entablature above entrance to Porch, looking north. **Film I.9.**



**Appendix I.10:** Detail of bootscraper on northeast side of Porch (20cm scale). **Film I.16.**



**Appendix I.11:** Detail of joinery on west elevation (20cm scale). **Film I.13.**



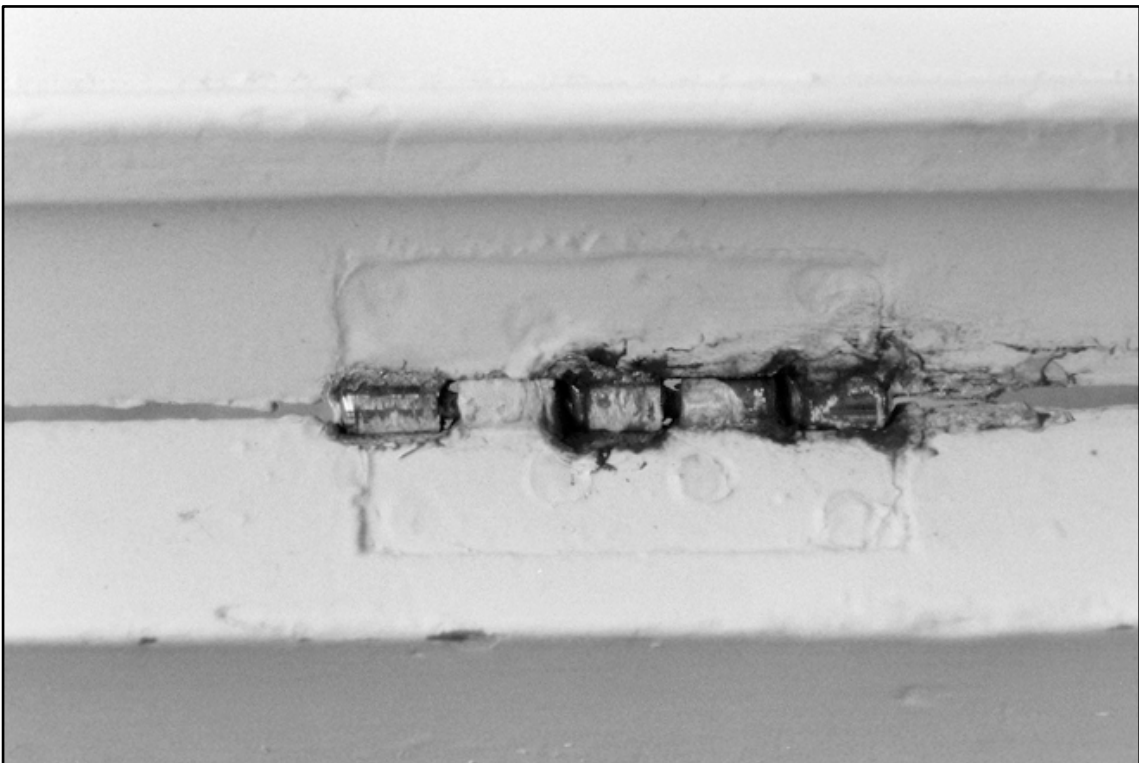
**Appendix I.12:** Detail of joinery and glazing on west elevation (20cm scale). **Film I.12.**



**Appendix I.13:** Detail of door furniture on inner face of external doors to Porch (20cm scale). **Film I.19.**



**Appendix I.14:** Detail of internal door handle. **Film I.21.**



**Appendix I.15:** Detail of hinge to front doors. **Film I.33.**



Appendix I.16: Internal view of east elevation and glazing (1m/2m scale). Film I.22.





**Appendix I.17:** Internal view of west elevation and glazing (1m/2m scale). Film I.25.



**Appendix I.18:** Detail of ceiling, looking south. Film I.23.

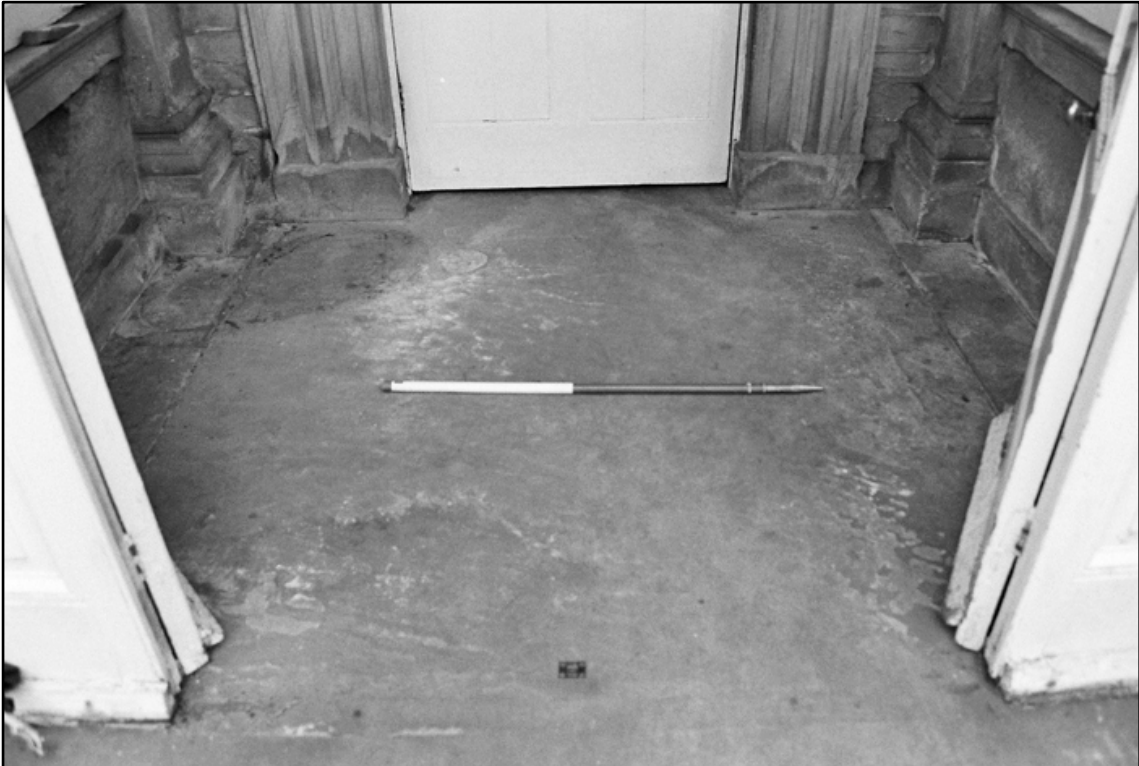


**Appendix I.19:** Detail of ceiling from below above porch. Film I.31.





**Appendix I.20:** Detail of internal joinery, looking south. **Film I.32.**



**Appendix I.21:** General view of stone floor of Porch (1m scale). **Film I.27**



**Appendix I.22:** Detail of southwest floor of Porch (1m scale). **Film I.28**



**Appendix I.23:** Detail of excavated trial hole I, following removal of slab (20cm scale). **Film I.34**



**Appendix I.24:** Detail of southwest floor of Porch (1m scale). **Film I.29**



**Appendix I.25:** Detail of excavated trial hole 2, following removal of slab (20cm scale). **Film I.35**

**Appendix 2:**

Photographic register and viewpoint plan

## Film 1: b/w 35mm

Frame	Appendix	Description	Scale	Direction	Date
I.1		ID Shot			03.07.17
I.2		External views and general shots of Porch	1m/2m	SE	03.07.17
I.3	I.1	External views and general shots of Porch	1m/2m	SW	03.07.17
I.4		External views and general shots of Porch	1m/2m	S	03.07.17
I.5	I.2	External views and general shots of Porch	1m/2m	S	03.07.17
I.6	I.3	External views and general shots of Porch	1m/2m	E	03.07.17
I.7		External views and general shots of Porch	1m/2m	SE	03.07.17
I.8	I.7	External views and general shots of Porch	1m/2m	SE	03.07.17
I.9	I.9	External views and general shots of Porch	1m/2m	SW	03.07.17
I.10		External views and general shots of Porch	1m/2m	E	03.07.17
I.11	I.5	External views and general shots of Porch	1m/2m	E	03.07.17
I.12	I.12	External views and general shots of Porch	1m/2m	N	03.07.17
I.13	I.11	External views and general shots of Porch	1m/2m	E	03.07.17
I.14	I.6	External views and general shots of Porch	1m/2m	SW	03.07.17
I.15	I.4	External views and general shots of Porch	1m/2m	S	03.07.17
I.16	I.10	External views and general shots of Porch	1m/2m	E	03.07.17
I.17		Detail of entrance door	1m/2m	SE	03.07.17
I.18	I.8	Detail of entrance door	1m/2m	SE	03.07.17
I.19	I.13	Details of door furniture	---	N	03.07.17
I.20		Details of door furniture	---	N	03.07.17
I.21	I.14	Details of door furniture	---	N	03.07.17
I.22	I.16	Detail of glazing	1m/2m	E	03.07.17
I.23	I.18	Detail of ceiling and glazing	1m/2m	E	03.07.17
I.24		Detail of glazing	1m/2m	W	03.07.17
I.25	I.17	Detail of glazing	1m/2m	W	03.07.17
I.26		Detail of paving	1m/2m	SE	03.07.17
I.27	I.21	Detail of paving	1m/2m	SE	03.07.17
I.28	I.22	Detail of paving (edge)	1m/2m	NW	03.07.17
I.29	I.24	Detail of paving (edge)	1m/2m	NE	03.07.17
I.30		Detail of ceiling	---	N	03.07.17
I.31	I.19	Detail of ceiling	---	N	03.07.17
I.32	I.20	Detail of window joinery	---	S	03.07.17
I.33	I.15	Detail of door hinge	---	SE	03.07.17
I.34	I.23	Detail of Trial hole 1	1m/2m	NW	03.07.17
I.35	I.25	Detail of Test hole 2	1m/2m	NE	03.07.17
I.36		General view showing location of Test Pits	---	N	03.07.17
I.37					

Photographic viewpoint plan

