

**Greyfriars (John Knox) Church, Broad St/Queen St,  
Aberdeen, AB10 1AP  
Report on Level 2 Standing Building Survey  
and Watching Brief**



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## SUMMARY

The standing building survey revealed that the church was built in 1903 in one phase as a stand-alone church and later joined to Marischal College façade. Room 1 the small hall at the SE end of the building has been added on to the main church building at a later date, after the 3<sup>rd</sup> Edition OS map of 1926 (Illus 31). The wooden panels which are an important part of the history of the City may have come from Old Greyfriars Church or possibly another church such as St Nicholas.

Examination of the three test pits did not reveal any finds or features, though sections of shattered sewage pipe (dry at time of opening) were noted in TP1 and TP2. All three test pits, with the exception of the more natural lower fill of TP3, appeared to consist of a mixture of natural and redeposited fills associated with the construction phase of Greyfriars Church. It is logical that the basement does not extend fully to abut Marischal College, given the substantial weight of this building, though the insertion of the Greyfriar foundations and retaining wall which forms the eastern half of TP2 and TP3 implies that these two areas were previously excavated during the initial construction of Greyfriars Church.

Further ground disturbance must be subject to an archaeological watching brief.

## 1 BACKGROUND

- 1.1 The site (Illus 1) is located on the N side of Broad Street between Marischal College and Queen Street. It is centred on NGR NJ94287 06433, at 20-25m OD in the parish of Aberdeen.
- 1.2 The work was commissioned by Steven Lawrence, TCD Architects for G1 Group PLC. An application 161489/DPP to Aberdeen City Council is pending. Aberdeenshire Council Archaeology Service (who cover Aberdeen City) require a Level 2 standing building survey and a watching brief on all ground disturbance.
- 1.3 All the archaeological work will be carried out in the context of Scottish Planning Policy (SPP) Planning Advice Note (PAN 2/2011) and Historic Environment Scotland's Policy Statement (HESPS) which state that archaeological remains should be regarded as part of the environment to be protected and managed.

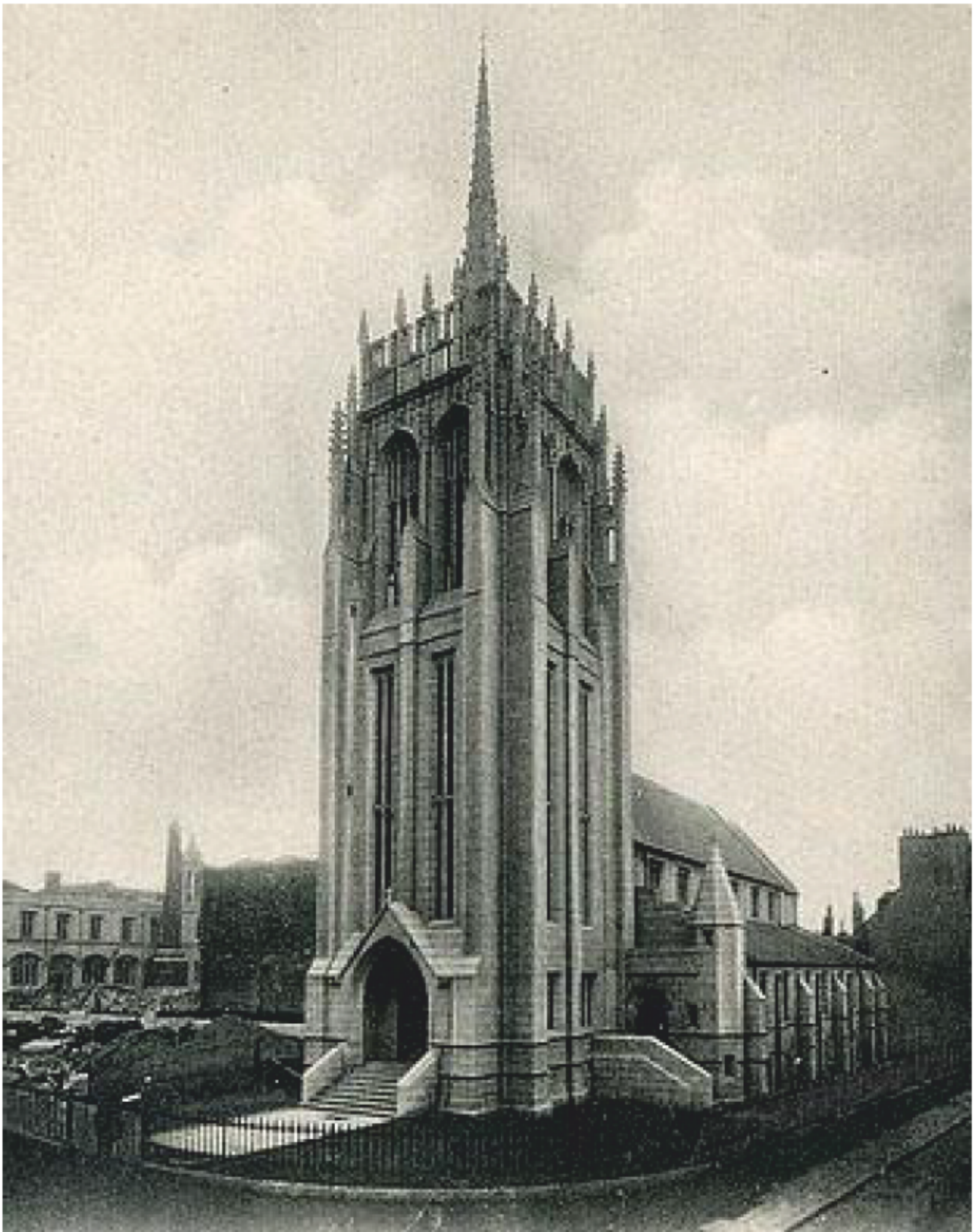


Illus 1 Location plan (Contains Ordnance Survey data © Crown copyright and database right 2017)

## 2 ARCHAEOLOGICAL BACKGROUND

- 2.1 Greyfriars Church is Listed category A and was built in A Marshall Mackenzie in 1903. Perpendicular Gothic church with nave and single aisle and large, tall, crocketed and finialled, 3-stage square-plan entrance tower with angled buttresses and spire to W (Broad Street). Adjoining Marischal College. Large 16th century 7-light tracery window to chancel on E elevation incorporated from previous church. Grey Kenmay granite ashlar. String course, cill course, buttresses to 6-bay aisle at S (Queen Street). Deep-set rectangular and bipartite windows to S with splayed reveals. The tower entrance elevation to Broad Street with steps leading to central advanced pedimented entrance porch. Multi-panelled decorative 2-leaf timber entrance door. Very slender, tall, paired bipartite openings to 2nd stage. Top stage comprises paired tall and narrow perpendicular tracery windows mirrored to all elevations, surmounted by double-height slender crocketed and finialled parapet and needle spire. Predominantly multi-pane fixed leaded-pane windows, some with hoppers. Grey slates. Cast-iron rainwater goods. INTERIOR: whitewashed with ashlar dressings. 3-bay arcaded nave with clerestory to S. Simple open timber ribbed ceiling. Steep timber gallery at W. Possible 17th century carved timber choir stalls to E. Polished granite communion table and pulpit. Timber pews. Stained glass to E chancel window by Charles Earner Kempe. Integrally designed to form the crucial SW corner of the nationally important Marischal College (see separate listing) and by the same renowned local architect, A Marshall Mackenzie, this Church, with its impressive and imposing tower is an important building within the city centre and a defining landmark. Taking its cue from Marshall's celebrated Gothic addition to Marischal College, the Greyfriars John Knox Church is embellished with an array of finials and crockets. Refined work in granite only became possible after steam technology allowed for more sophisticated cutting techniques in the 1830s. A 16th century tracery window has been incorporated into the present church and now has stained glass by C E Kempe. It is likely that the carved timber choir stalls in the chancel also came from the previous church. The original Greyfriars Collegiate Church was built in 1532 by Franciscan monks and lay at right angles and to the North of the present church, along Broad Street. It was incorporated into Marischal College, which was founded in 1593 (Cameron forthcoming). The college was rebuilt between 1837-41 and further extended between 1893-97. It was this extension along Broad Street which caused the original collegiate Church to be demolished and after much negotiation between the Town Council, Church and University, Marshall Mackenzie built this replacement in the same Perpendicular Gothic Style as the college extension. It formed an integral part of the whole site (Listed Buildings online, HES; Gammie 1909, 25).

Greyfriars Church was built as a stand-alone structure and the frontage of Marischal College added (Illus 2).



Illus 2 Greyfriars Church prior to the construction of Marischal College (supplied by client).



Illus 3 Old Greyfriars SE window rebuilt into the new church (W34); facing NW (copyright Aberdeen City Council Local Studies accessed through Silver City Vault online).





Illus 4 Old Greyfriars church interior showing window in SE wall rebuilt into new church (W34); facing SW (copyright Aberdeen City Council Local Studies accessed through Silver City Vault online).

- 2.2 Mesolithic activity has been found at several sites in the vicinity. Several hundred flints were recovered from earliest layers at the adjacent 16-18 Netherkirkgate/Guestrow site (Cameron 2001, 30; Illus 2 No 3) and at 12-26 Broad Street (Murray 1982, 26-27; Illus 2, No 6).
- 2.3 This site is at the centre of the medieval burgh of Aberdeen; Parson James Gordon's map of Aberdeen 1661 (Illus 3) shows that this area was well developed by this period. Substantial well-preserved medieval remains were found at several sites in the vicinity including Marischal College on the opposite of Broad Street (Cameron forthcoming) which slightly overlaps the current site. Marischal College is the site of the Franciscan friary and buildings and burials from this religious centre were excavated as well as the early buildings of Marischal College. During the work to convert the building to Aberdeen City Council headquarters the pavement between Broad Street and the SW frontage of the building was lifted and a watching brief carried out; the 19th to early 20th-century tenement building remains were recorded but nothing of an earlier date. Medieval sites have also been excavated at Gallowgate Middle School (Cameron 2001, 73-79), 43-57 Upperkirkgate/Flourmill Brae (Cameron 2001, 50-58), 16-18 Netherkirkgate (Cameron 2001, 28-37), 30-46 Upperkirkgate (Stones 2001, 60-69) and 42 St Paul Street (Murray 1982, 46-84).
- 2.4 Provost Skene's House was built in the 16<sup>th</sup> century, and is one of the Aberdeen's few surviving examples of early burgh architecture. The first reference to the plot of land was in 1545 when Alexander Knollis took possession of the site on Guestrow,

one of Aberdeen's principal streets at that time (Aberdeen City Council 1994, 3). Y 1661 (Ill0 the NE part of the site is occupied by houses on the south side of Broad/Bread Street, south of which Guestrow (Gwestraw) runs across the current site NW-SE and south of this another line of buildings which include What is now Provost Skene's House. South-west of these buildings are backlands running along the entire west edge of the site.

- 2.5 The proposed development site is represented on the First and Second Edition OS maps (Illus 3, 4) as a series of buildings along the queen Street frontage including one public house, and a public house on the frontage of Broad Street. There is a lane (Jopp's Court at the N edge of the development area. The church is *in situ* by the Third Edition OS map (Illus 5).

### 3 THE STANDING BUILDING SURVEY

A Level 2 standing building survey was carried out on 9<sup>th</sup> and 20<sup>th</sup> March 2017. Architects plans and elevations were checked and annotated and a full photographic survey was carried out. The main church building was constructed in one phase in 1903 and there have been small alterations to the internal layout since. The building is c 40m long and 17.5m wide. The tower is 9.5 x 9.5m in size and the Phase 2 extension on the Se end of the building is 8.75 x 7m in size.

#### 3.1 Room 1 small hall

Room 1 is a small hall at the SE end of the church which appears to have been a Phase 2 addition (Illus 5). There is a porch on the SW wall with main door (D1) on the SW wall with pointed arch lintel; there are flanking windows W29 and W30 (1.5m high; 0.45m wide with modern stained glass; Illus 6) on the main hall. This addition is built using granite blocks to match the main church.



Illus 5 Room 1 small hall and porch with door D1 (centre) and flanking windows W29 (left) and W30 (right); the lower section of buttress F37 (top left) was removed when this hall was added; facing NE



Illus 6 Stained glass in W29 in porch on SW side Room 1; facing WSW

### 3.2 Room 2 safe room

This small room on the NE side of the lower ground floor contained a safe. There are no external walls.

### 3.3 Room 3 kitchen

Rooms 3 and 5 are adjoining and have large windows on the SE wall (W32, W33; 1.9m wide and 1.55m high; Illus 7). The room has been the kitchen in the lower ground floor and there are fuse boxes built into a cupboard in the NE wall.



Illus 7 Room 3 (left) and 5 (right) windows W33 (left) W32 (right); facing SE

### 3.4 Room 4 switch room

Room 4 is a small room with no outside walls which contains switch gear. There is a wooden trap door in the floor which shows access to an underfloor space.

### 3.5 Room 5 kitchen

Rooms 3 and 5 are adjoining and have large windows on the SE wall (W32, W33). The room has been the kitchen in the lower ground floor and there is a cupboard in the SW wall (F29).

### 3.6 Room 6 Lower ground floor corridor

The lower ground floor corridor leads from the ground floor down steps at the NE of the building to the SW wall (Illus 8). The NW wall of the corridor bisects W15 on the SW wall suggesting this corridor has been inserted at a date after the construction of the church. On the NW wall there are doors to access the large hall (Room 8; D12, D13) and a door to the ladies toilet (D14). On the SE side there are doors to access Rooms 3 and 5 (D9, D10) and the corridor takes a dog leg at the SW end to access D2 and gent toilets through D16. The corridor is wood panelled and there are iron tubular radiators throughout.



Illus 8 Room 6 lower ground floor corridor; facing SW

### 3.7 Room 7A and 7B Ladies and Gents toilets, lower ground floor

These toilets appear to have been built in a second phase of development of the building. The ladies toilet bisects W15 on the SW wall (Illus 10) and the gent toilet cubicles bisect W31 on the SE wall (Illus 9).



Illus 9 W31 SW half in Gents toilet cubicle



Illus 10 SW end of corridor Room 6 with W15 SE half; the window was divided by inserting wall for Ladies toilets (right); facing SW

### 3.8 Room 8 Large Hall, Lower Ground Floor

Room 8 is the large hall under the church (Illus 11). It has large windows on the SW wall (W10-W16; 1.65m high and 1.25m wide). There is a stage at the NW end of the room and doors to the corridor on the SE wall.



Illus 11 Lower ground floor hall Room 8 with cast iron pillars (F30 and F31 (centre), windows on SW wall W13, W12, W11, W10 (left) and stage (centre); facing NW

### 3.9 Room 9 Minister's robing room

On the first floor adjacent to the main church (Room 10) there is a ministers robing room with small toilet cubicle and wardrobe. There are windows (W35, W36) on the SE wall of this room and a door linking directly to the choir area of the church (D18).

### 3.10 Room 10 Main church

This is the main room of the church (Illus 18). There is a single aisle on the SW side divided from the main church by sandstone archways (F23, 24, 25) on sandstone piers (F17, 18). The NE wall has a series of decorative archways (F20, 21, 22) and piers (F15, 16) as this wall is the junction between Marischal College and this church. It is possible that when the church was built there was a door in this wall to allow access between the College and church but there is now no evidence if this was the case. On the SE wall is a large 7-light sandstone tracery window which was incorporated from the SE wall of the medieval Greyfriars Church (W34; Illus 13, 14, 15).

There are small half height pointed buttresses (F3, F5, F7; Illus 12; 16) and larger full height buttresses on the exterior of the SW wall (F2, F4, F6, F8, F9). The windows on the SW wall all have stained glass tell the story of the Greyfriars; they are 1.78m high and 0.76m wide and have sandstone mouldings and scalloped ogee lintel (Illus 17).



Illus 12 Greyfriars Church from S; facing N



Illus 13 Exterior W34; facing NW





Illus 14 Detail of lower half of W34 showing stained glass; facing SE

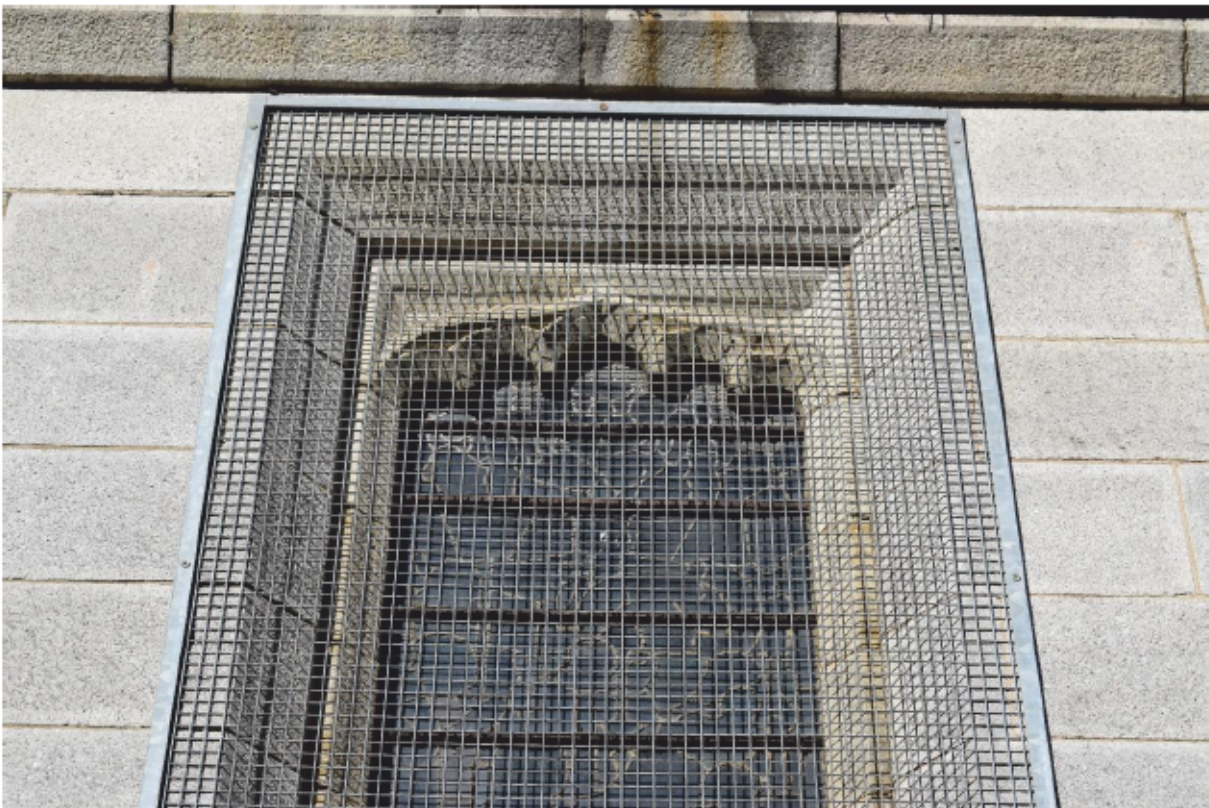
W34 sandstone tracery removed from SE window old greyfriars and rebuilt into SE window of this church with new glazing celebrating Greyfriars church and other religious scenes



Illus 15 Detail of upper section of D34 showing sandstone tracery removed from SE window Old Greyfriars and rebuilt into SE wall of new church; facing SE



Illus 16 Detail of pointed top of decorative buttress F7 on SW façade of main church; facing NE



Illus 17 Detail of scalloped lintel of W22, SW façade of main church; facing NE



Illus 18 Room 10 interior showing sandstone pillars (F17 and F18 left; F15 and F16, right) with gallery F32 (centre); facing NW

On the SE wall under window W34 are a series of wooden panels on the NE, SE and SW wall around the area of the altar (F12; Illus 19, 20). These are carved with names, initials and dates in the late 17<sup>th</sup> and early 18<sup>th</sup> centuries. The panels are typically 45cm high and 43cm wide and are incorporated in door D18 between the church and the ministers robing room (Illus 19) but also in the door (D3) and in the SE edge of the Gallery (see below). Some of the script is poorly executed and all are male names. It has been suggested that these are apprentice pieces (Jane Geddes pers comm) and may have been relocated from the old Greyfriars Church or St Nicholas (possibly after the fire of 1874). There is also a series of wood panels in St Nicholas Church.



Illus 19 Wooden panels F12 built into door D18 between Rooms 10, main church and Room 9 minister's robing room; facing NE



Illus 20 Wooden panels F12 on NE wall of choir

### 3.11 Room 11 side room next to choir

This side room is accessed through archways F19 from the choir area and F26 from the S aisle.

### 3.12 Room 12 inner entrance hall

This inner entrance hall is accessed from the entrance hall though D20 and D19 lead into the church. There is a window of the SW wall (W2) and on the NE wall (W39) both 2m high and 1.45m wide.

### 3.13 Room 13 outer entrance hall/Room 14

This entrance hall has a window (W1; 1.5m wide, 2.15m high) on the SW wall D3 on the NW wall, the main door leading down steps to Broad Street. The door is made from reused wooden panels (Illus 21, 22) and there is a dated keystone (1901; Illus 23) on the exterior (Illus 23). There are stairs in the N corner of the room to the first floor gallery F32. There is a small Room 14 on the NE of this room and there is an under stair cupboard and a window (W40) to the NE. There is a stone plaque in the W corner (Illus 24).



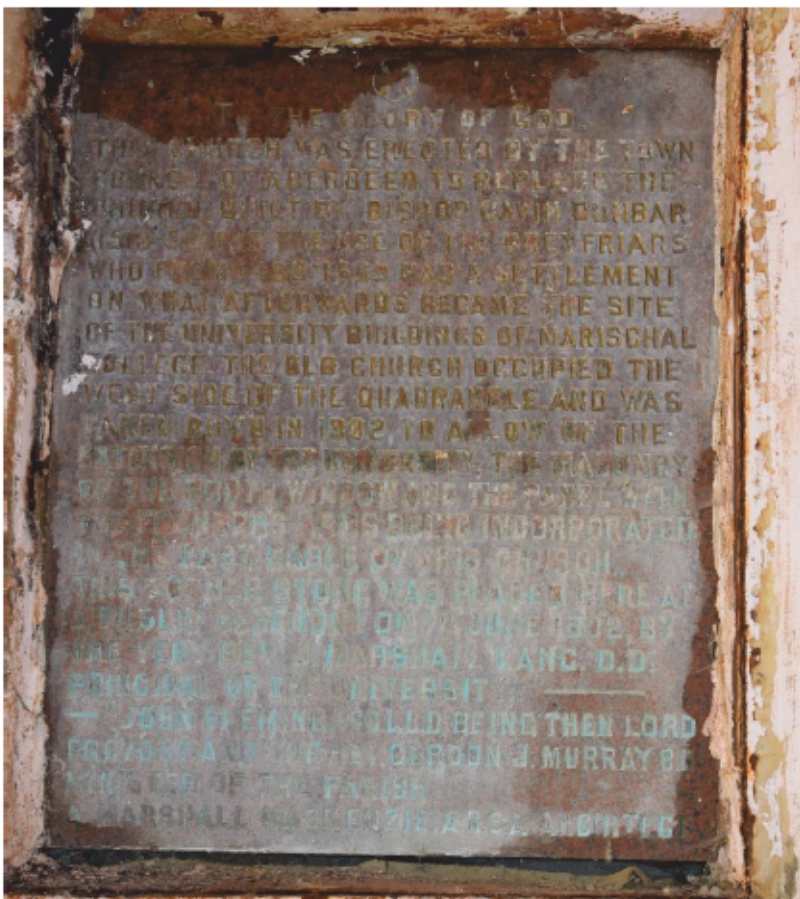
Illus 21 Door 3 reused wooden panels; facing SE



Illus 22 Detail of 1674 reused wooden panel; facing SE



Illus 23 Detail of keystone in arched lintel above D3; facing SE



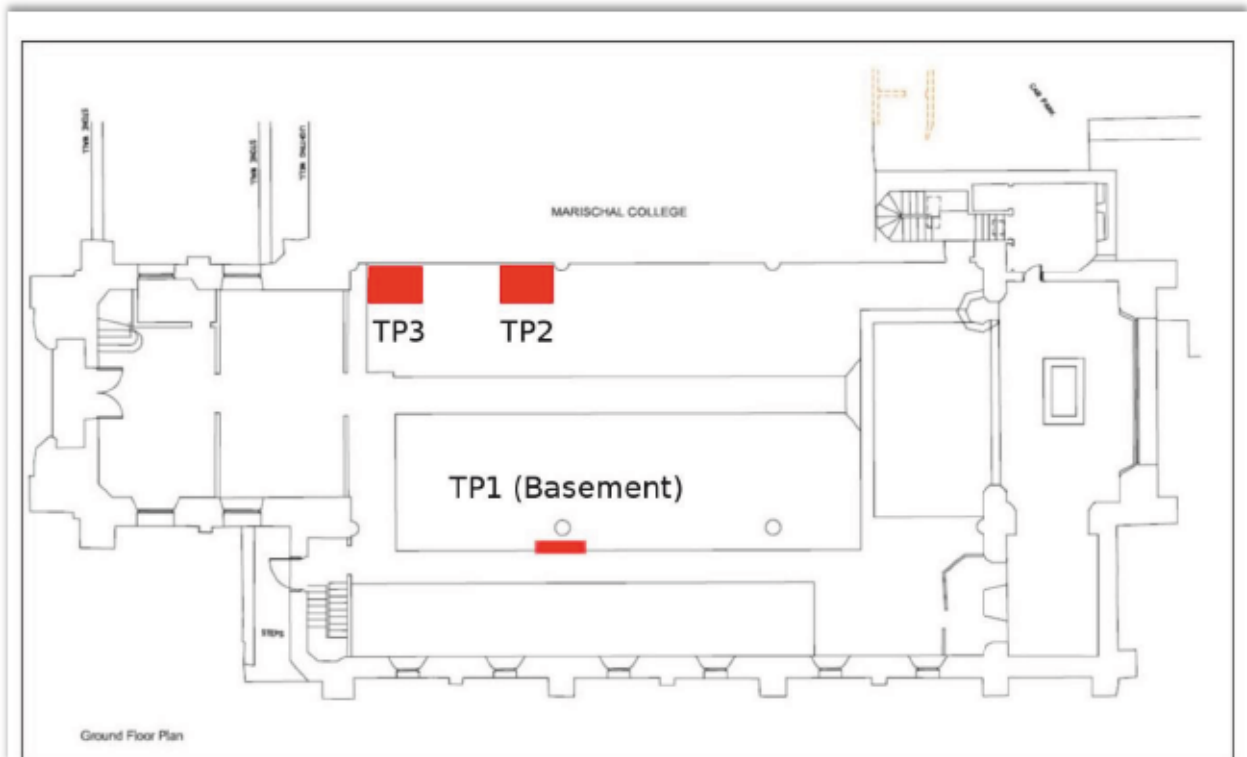
Illus 24 Stone plaque with history of the Greyfriars site; facing W

#### 4 THE WATCHING BRIEF

On March 8th, 2017, an archaeological watching brief took place within Greyfriars Church, involving the excavation of three test pits (TP1-TP3; Illus 25) to ascertain the structural integrity of the underlying substrate for engineering purposes. No archaeological finds or features were noted.

The first pit (TP1; Illus 25, 26) was hand-excavated and was located in the basement in an offset mid-point location towards Queen Street to the east. TP1 measured 1.2m in overall length by 0.55m in width, and reached a maximum depth c. 0.75m. Fill consisted of a mid-brown sandy-clay containing moderate amounts of small stones, gravel and drain tile, along with remnants of bitumen used to waterproof the sub-flooring.

It should be noted the basement area only extends below the eastern half of the church proper. The western half below ground level (i.e. the church) appeared as a mixture of imported and natural fills adjacent to Marischal College which predates Greyfriars. It is assumed the basement did not extend any further due to structural concerns related to the substantial weight-bearing foundations of Marischal College.



Illus 25 Approximate locations of test pits within Greyfriars Church. TP1 was in a basement location. TP2 & TP3 were on the ground floor. The basement does not extend to Marischal College (copyright TCD Architects).

TP2 (Illus 27) and TP3 (Illus 28) were located below the sub-flooring on the ground level within the western half of the church itself, adjacent to the eastern wall of Marischal College (Illus 25). TP2 measured approximately 1.5m in width by 2.0m in length and reached a maximum depth of some 1.6m. It was bordered on the eastern side by a partial retaining wall, implying that this area had been previously partially excavated during construction. Fill consisted of a sandy-silt interspersed with stone and small cobbles. The fill, as to be expected in such an environment, was extremely dry and powdery after lying protected from the elements and moisture for over a century.

Test Pit 3 (TP3) was located in the SW corner of the project area, on the right as one enters the church. Dimensions were 2.0m wide by 2.8m in length, and reached a maximum depth of c.2.4m. It also bordered the same foundation/retaining wall to the east as TP2. The foundations of Greyfriars were exposed and revealed to stop short of the full depth of those at neighbouring Marischal College. Work was halted at this point. Similar to TP2, fill consisted of a fine, dusty sandy-silt, also interspersed with stones and small cobbles, though at depths below c1.5m, it transitioned into a wetter, more compact fill. No finds or features were noted.





Illus 26 Test Pit 1 (TP1) located in the eastern basement area of Greyfriars Church.



Illus 27 Test Pit 2 (TP2) adjacent to foundations of Marischal College (walling in upper left corner).



Illus 28 Test Pit 3 (TP3) nearing completion.

## 5 CONCLUSIONS AND RECOMMENDATIONS

The standing building survey revealed that the church was built on one phase as a stand-alone church and later joined to Marischal College façade. Room 1 the small hall at the SE end of the building has been added on to the main church building at a later date, after the 3<sup>rd</sup> Edition OS map of 1926 (Illus 31). The wooden panels which are an important part of the history of the City may have come from Old Greyfriars Church or possibly another church such as St Nicholas.

Examination of the three test pits did not reveal any finds or features, though sections of shattered sewage pipe (dry at time of opening) were noted in TP1 and TP2. All three test pits, with the exception of the more natural lower fill of TP3, appeared to consist of a mixture of natural and redeposited fills associated with the construction phase of Greyfriars Church. It is logical that the basement does not extend fully to abut Marischal College, given the substantial weight of this building, though the insertion of the Greyfriar foundations and retaining wall which forms the eastern half of TP2 and TP3 implies that these two areas were previously excavated during the initial construction of Greyfriars Church.

Further ground disturbance must be subject to an archaeological watching brief.

## 6 REFERENCES

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## 7 ACKNOWLEDGEMENTS

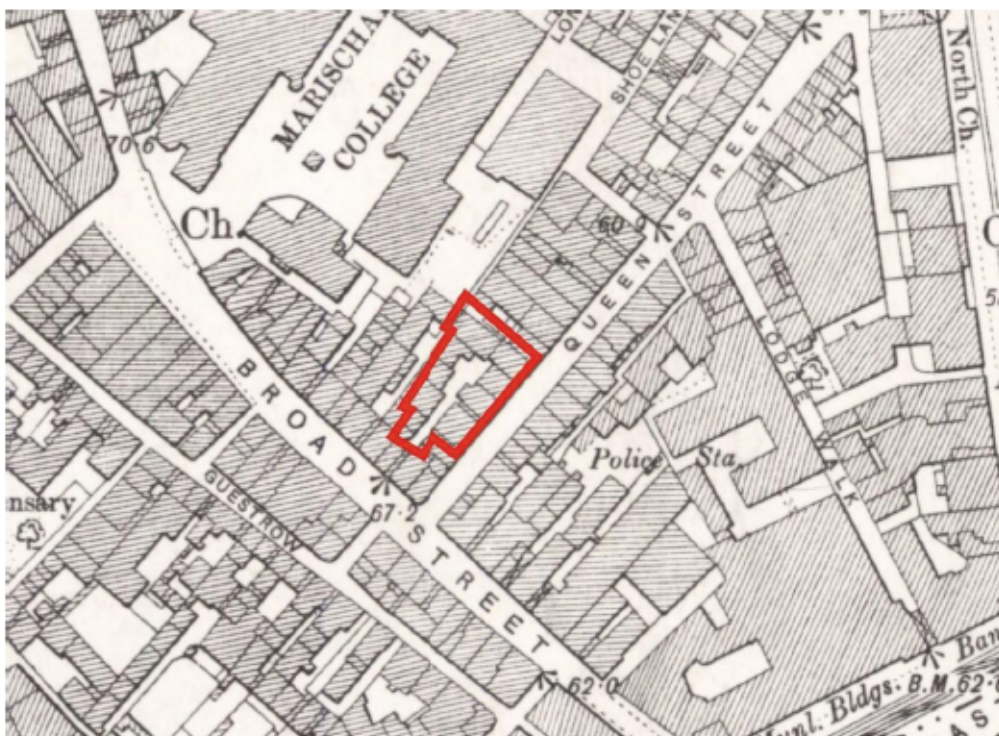
Thanks to Steven Lawrence and Paul Whitford, TCD Architects for initiating this project and to Bruce Mann, Aberdeenshire Council Archaeology Service (who cover Aberdeen City Council) for his advice during this work.

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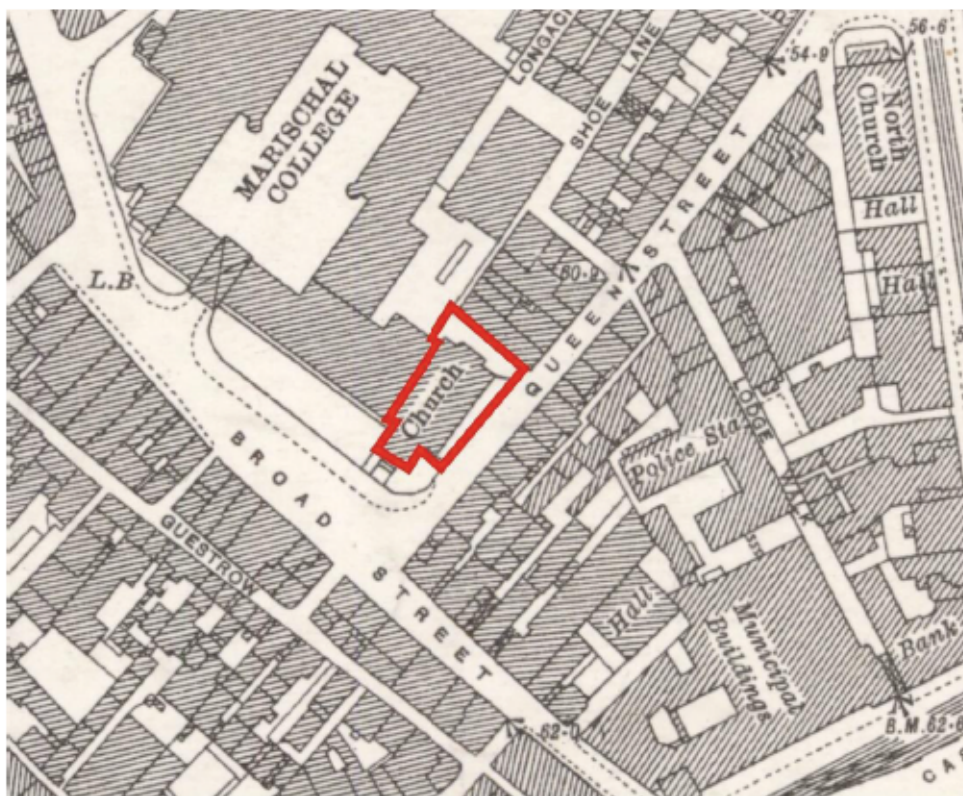
APPENDIX 1 MAPS



Illus 29 First Edition OS map showing site outline in red (copyright National Library of Scotland) Aberdeen Sheet LXXV.11 (Old Machar) Survey date: 1867 Publication date: 1869



Illus 30 Second Edition OS map showing site outline in red (copyright National Library of Scotland) Aberdeenshire 075.11 (includes: Aberdeen) Publication date: 1902 Revised: 1899/1900



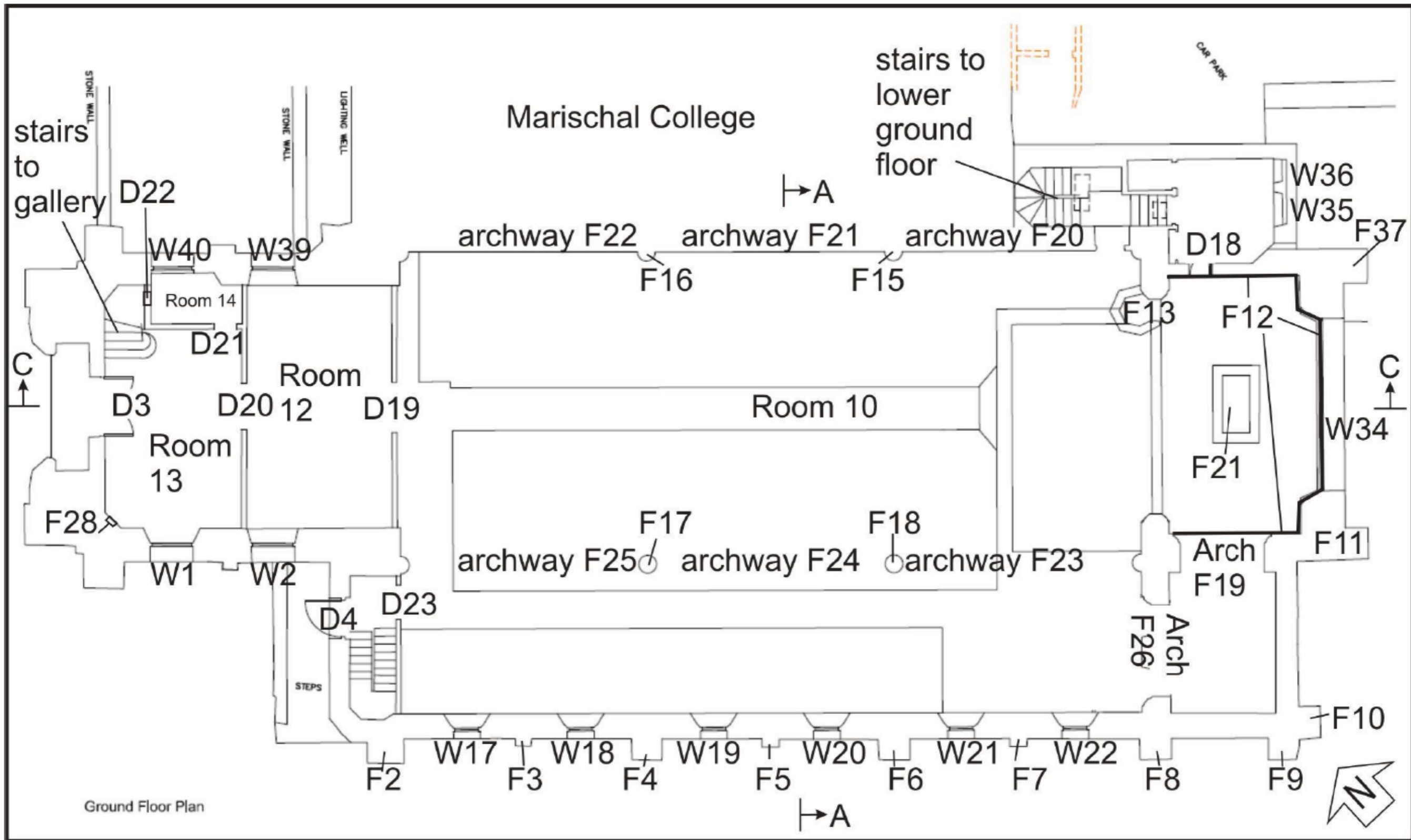
Illus 31 Third Edition OS map showing site outline in red (*copyright National Library of Scotland*) Aberdeenshire 075.11 (includes: Aberdeen) Publication date: 1926 Revised: 1924 Levelled: 1899/1900

## APPENDIX 2 FEATURES RECORDED DURING THIS SURVEY

Feature no	Description
F2/F4/F6/F8/F9	Full height buttresses on exterior SW wall
F3/F5/F7	Half height pointed top buttress on exterior SW wall
F10	Buttress S corner church
F11	Buttress Se wall
F12	Wood panels around Se end of choir, reused 17 <sup>th</sup> -century possibly apprentice pieces from Greyfriars/St Nicholas
F13	Modern sandstone pulpit with wood sounding board above
F14	Modern marble altar
F15/F16	Sandstone half pillars on NE wall Room 10; 50cm diameter made from sandstone blocks. It would appear that this wall has never been open or access into Marischal College and they are therefore decorative and for symmetry in the room.
F17/F18	Pillars between central and SW aisle Room 10; 50cm diameter
F19	Archway between Room 10 choir and Room 11; 2.8m wide
F20/F21/F22	Archway on NE wall Room 10; 6.6m wide
F23/F24/F25	Archway on SW wall Room 10; 6.6m wide

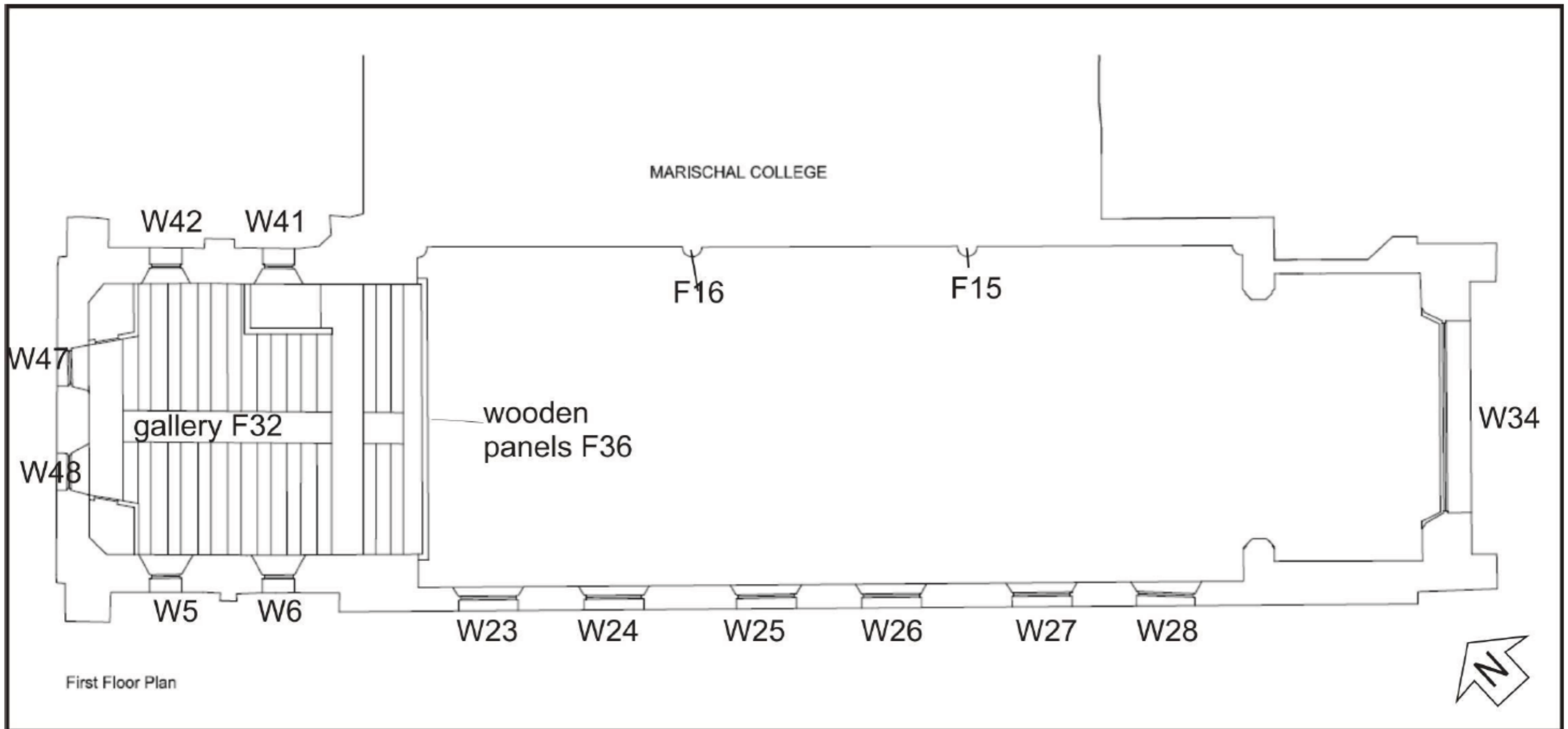
F26	Archway between Room 10 choir and Room 11; 2.8m wide
F27	
F28	Plaque W corner Room 13 telling history of Greyfriars. 70cm high, 60cm wide
F29	
F30/F31	Pillars lower ground floor in hall under F17 and F18
F32	First floor gallery above Room 10; decorative panel on SE side features reused wooden panels
F35	Plaque on SE wall above W34. Not possible to access.



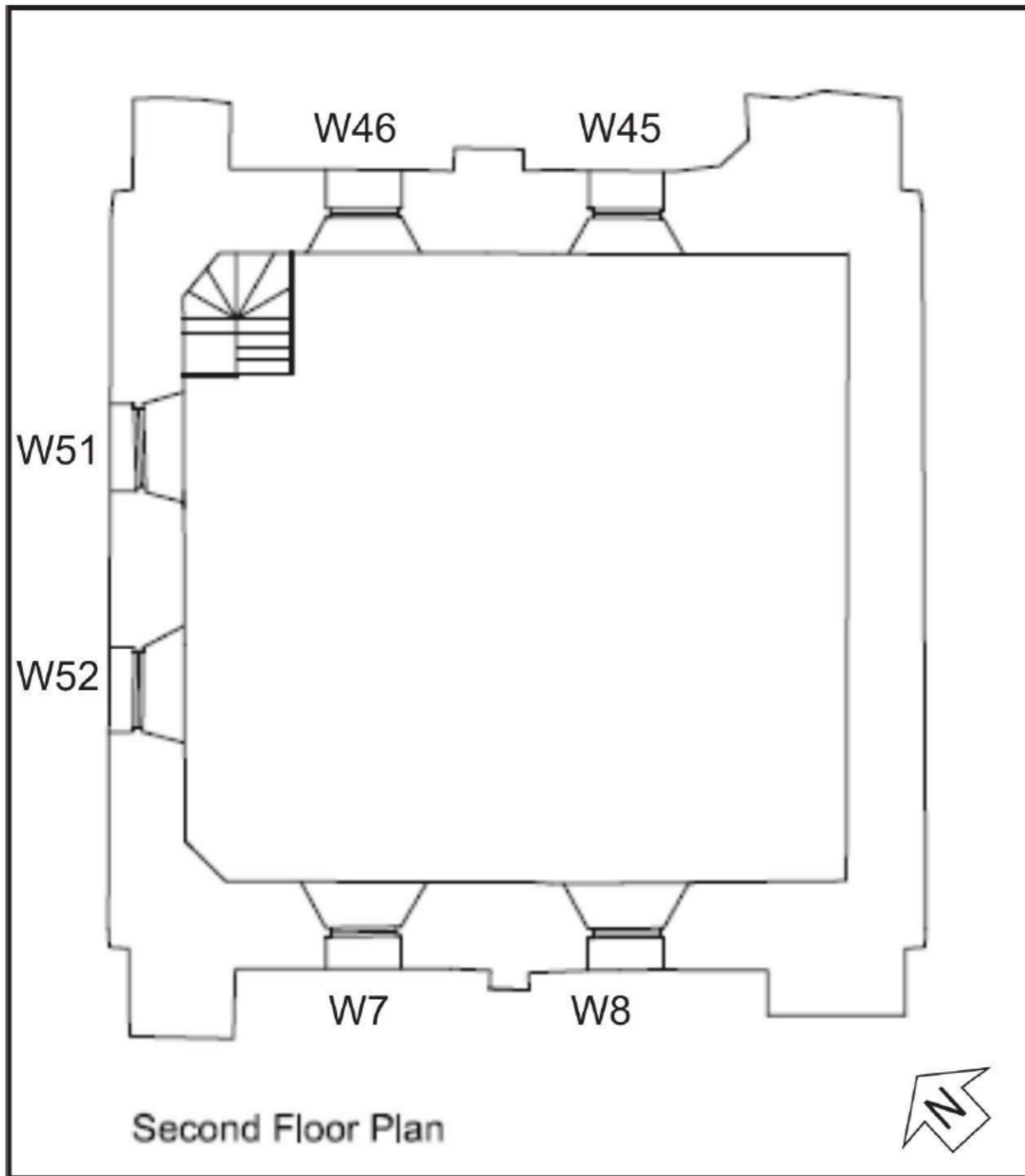


Illus 33 Ground floor plan annotated with numbers used in this survey and showing locations of sections AA and CC (copyright TCD Architects)

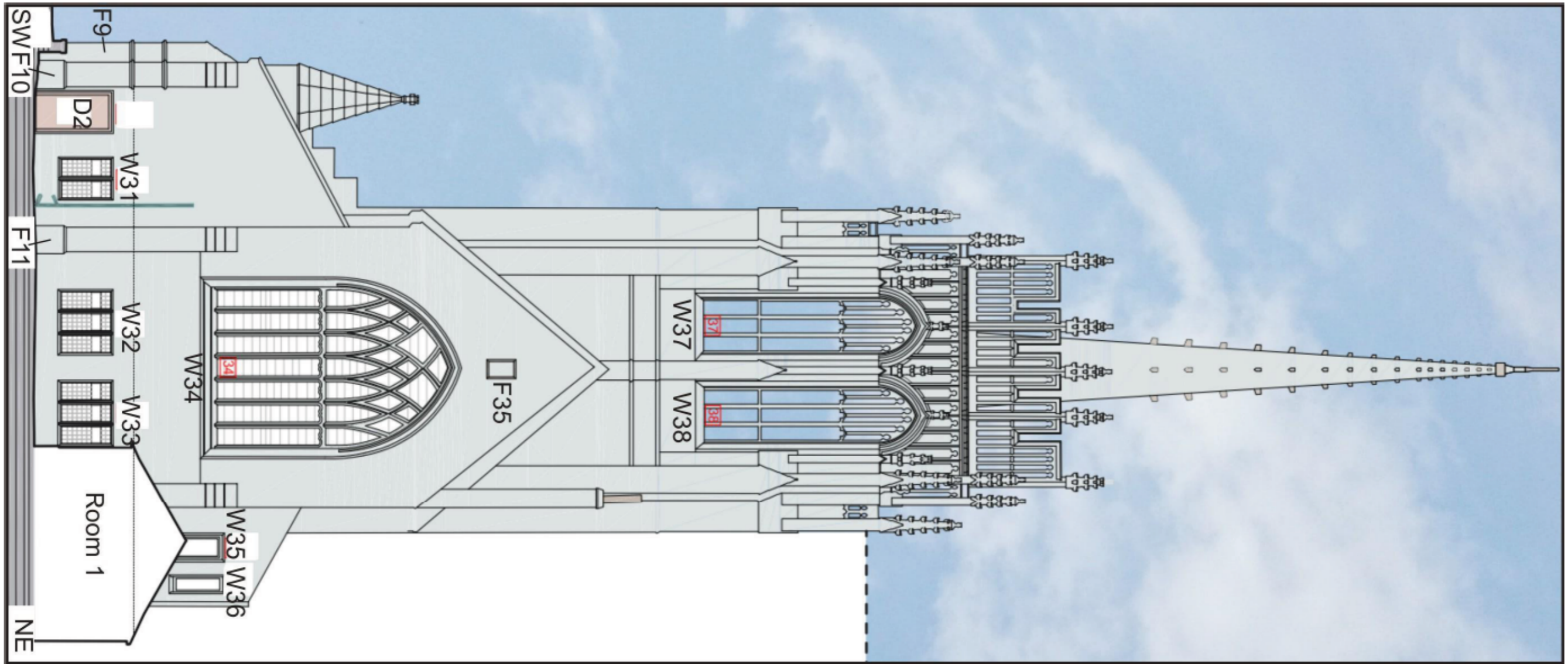




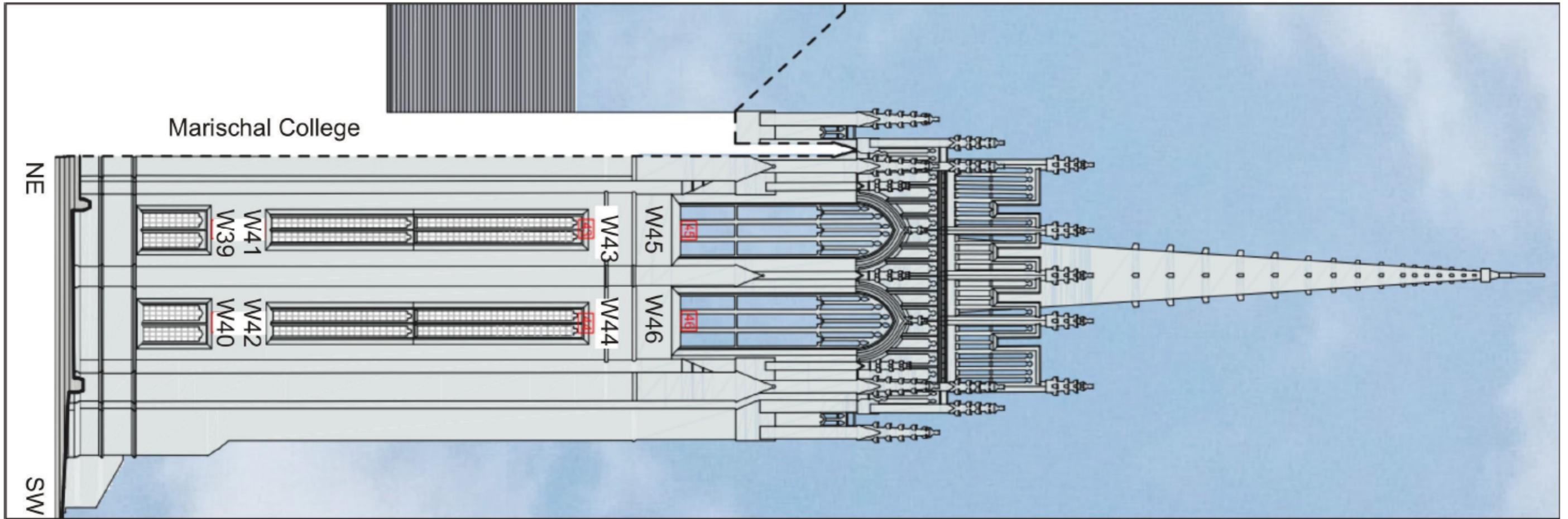
Illus 34 First floor plan annotated with numbers used in this survey (copyright TCD Architects)



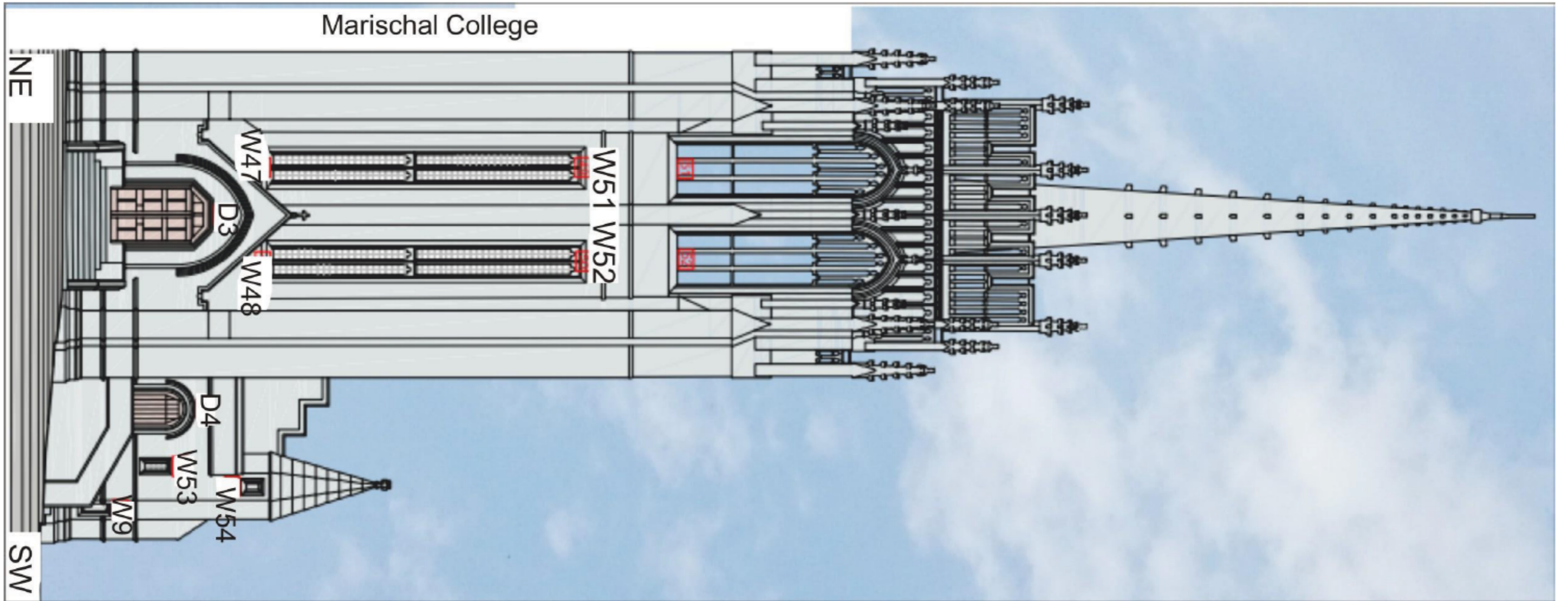
Illus 35 Second floor plan annotated with numbers used in this survey (copyright TCD Architects)



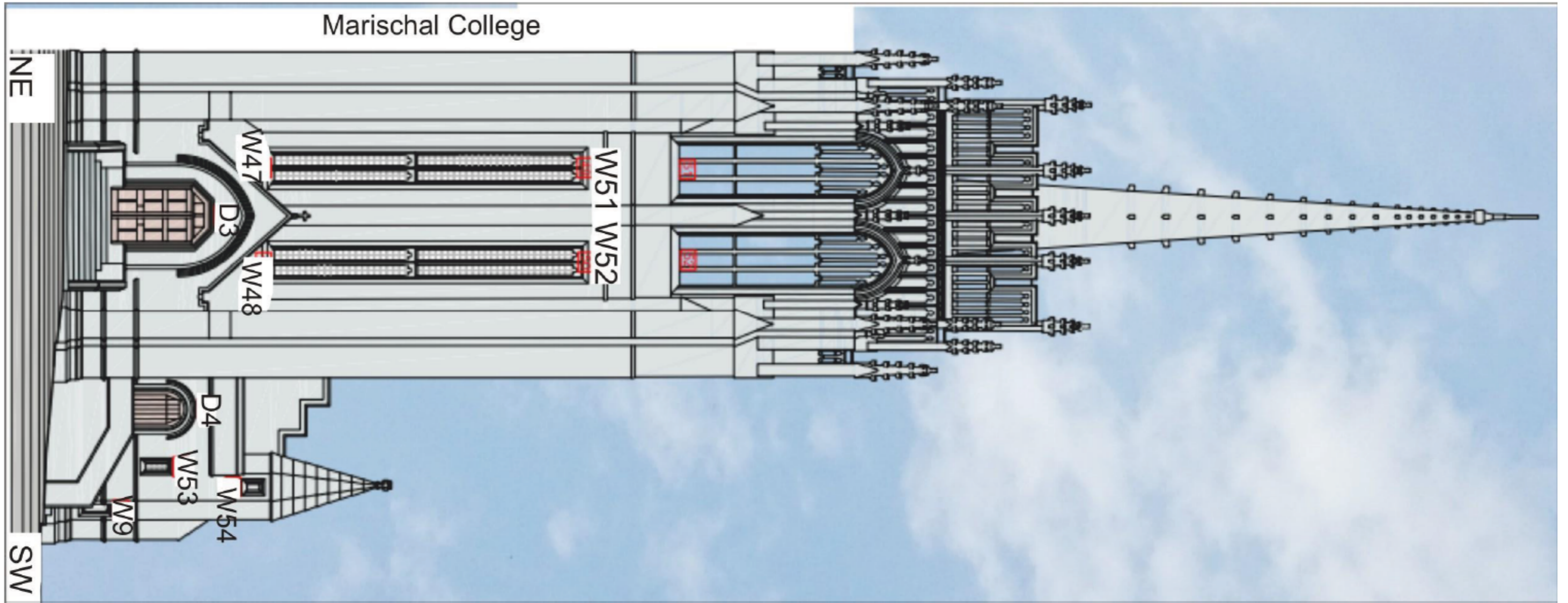
Illus 36 NE elevation annotated with numbers used in this survey (copyright TCD Architects)



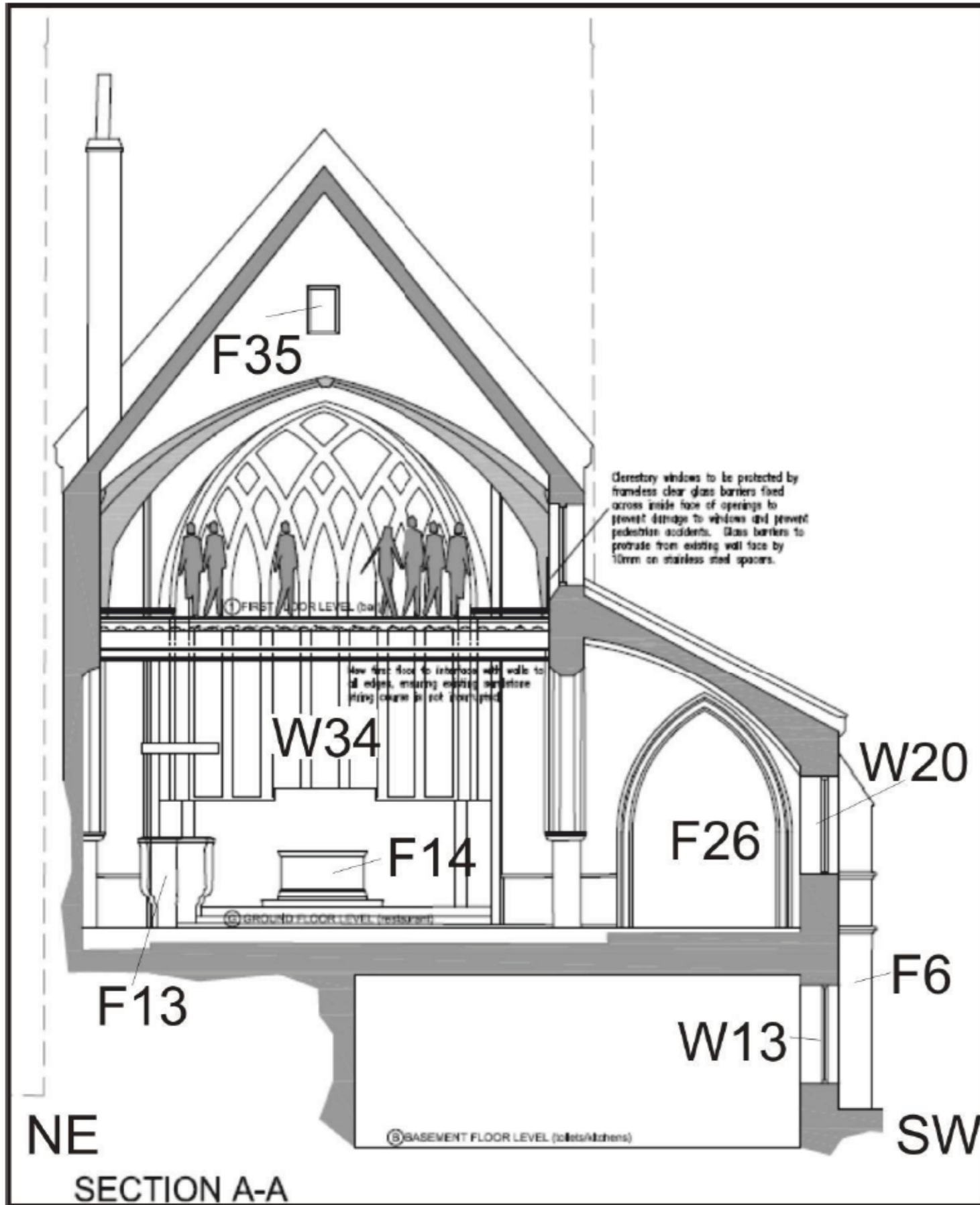
Illus 37 NW elevation annotated with numbers used in this survey (copyright TCD Architects)



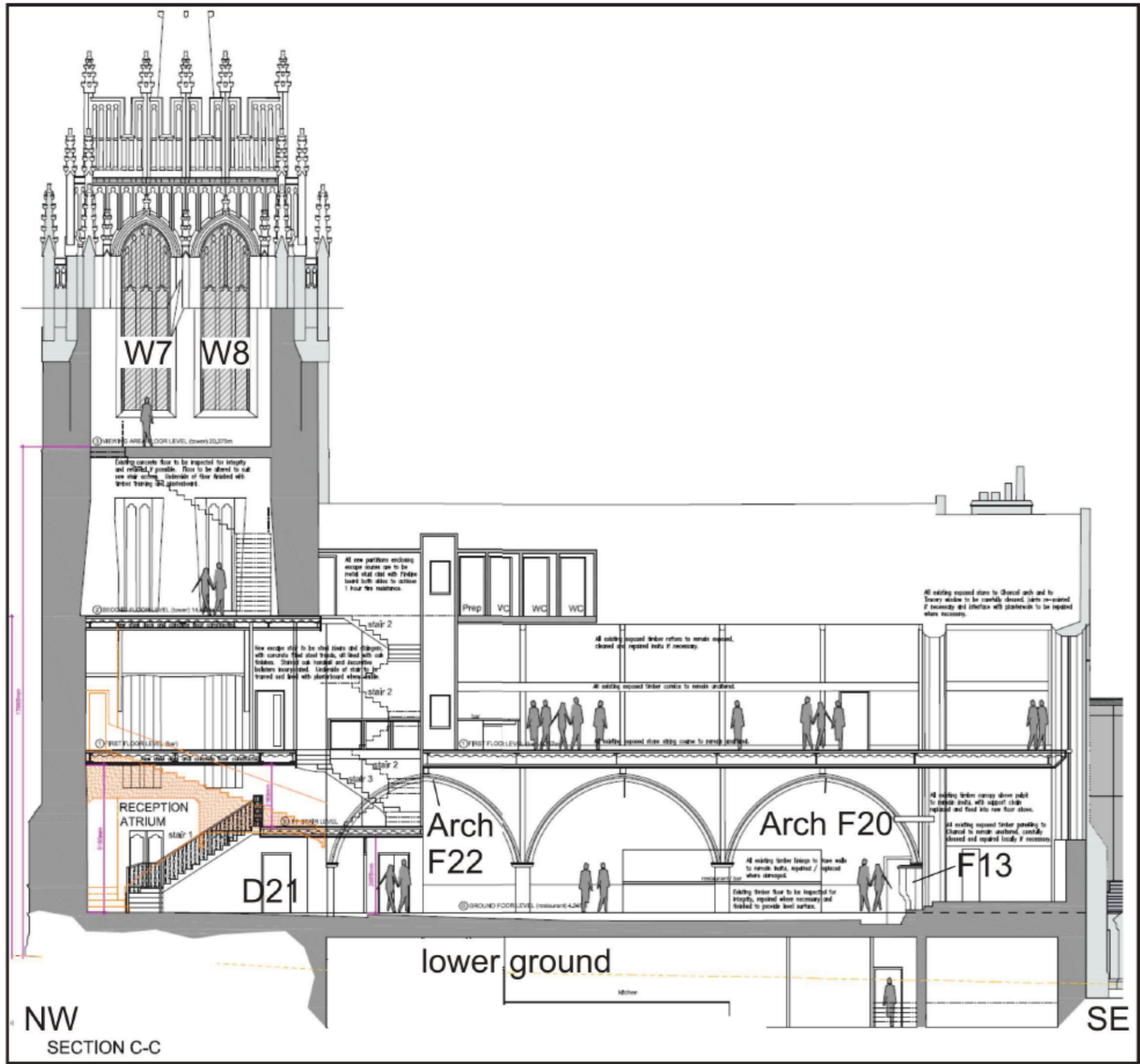
Illus 38 SE elevation annotated with numbers used in this survey (copyright TCD Architects)



Illus 39 SW elevation annotated with numbers used in this survey (copyright TCD Architects)



Illus 40 Section AA annotated with numbers used in this survey (copyright TCD Architects)



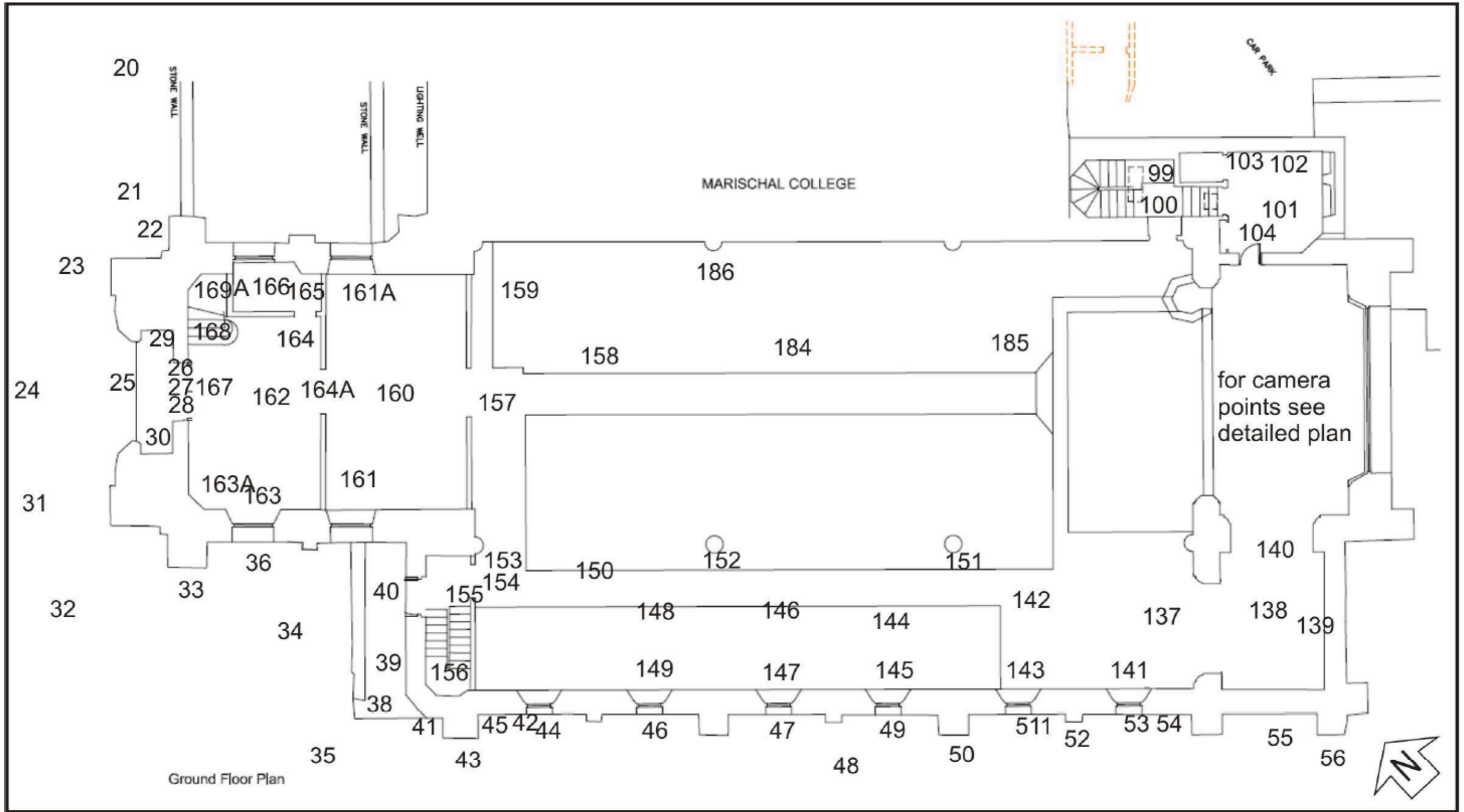
Illus 41 Section CC annotated with numbers used in this survey (copyright TCD Architects)



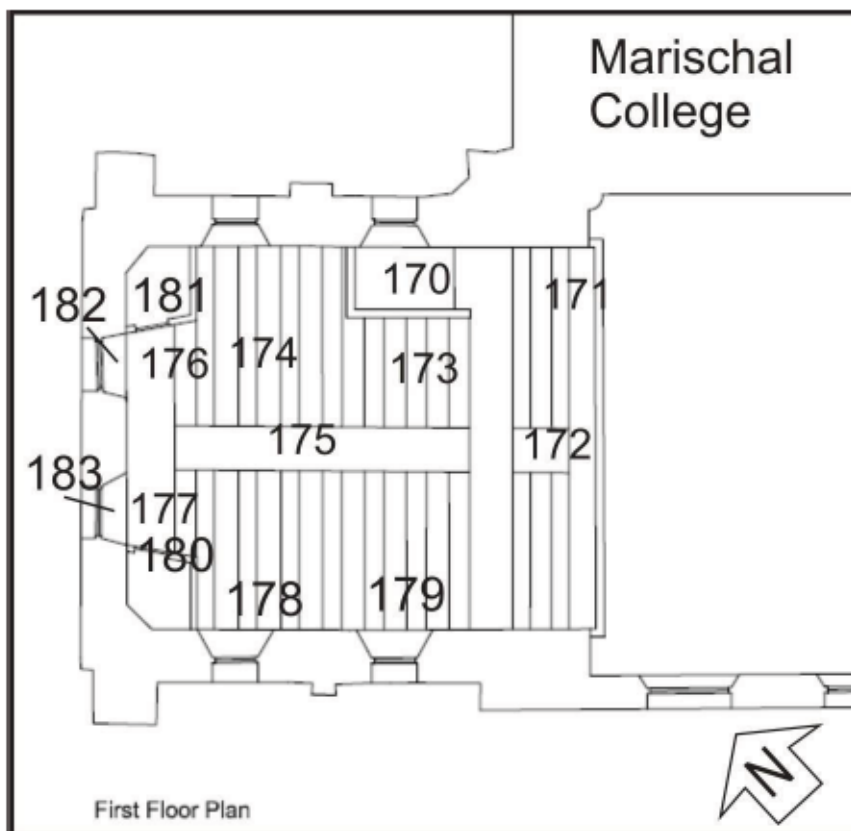
APPENDIX 4 PHOTOGRAPHS



Illus 42 Lower ground floor plan showing camera points used in this survey (copyright TCD Architects)



Illus 43 Ground floor plan showing camera points used in this survey (copyright TCD Architects)



Illus 44 First floor plan showing camera points used in this survey (copyright TCD Architects)

Photo no	Description	Facing	Camera point
DSC6695-6	D1 with W29 (left) W30 (right); Mackays shop added early 1970s (right) Marischal College in background	NE	1
DSC6697-8	W29	NE	2
DSC6699-7000	D1 granite SE jamb and sill	E	3
DSC7001	D1 arched lintel	NE	3
DSC7002-4	D1 NW jamb	NE	3
DSC7005	W30	NE	4
DSC7006	W32 (left) W33 (right)	NW	1
DSC7007	W34 sandstone tracery removed from SE window old greyfriars and rebuilt into SE window of this church with new glazing celebrating Greyfriars church and other religious scenes	NW	1
DSC7008-10	Buttress F11	NW	5
DSC7011-13	Buttress F11	NE	6
DSC7014	W31	NW	6
DSC7015-6	W31 (right) D2 (left) and wall above	NW	7
DSC7017	W31 (right) D2 (left) and wall above	NW	8

DSC7018	D2	NW	9
DSC7019-22	Buttress F10	W	9
DSC7023-4	Buttress F10	NW	10
DSC7025-6	Church from south (Queen St)	N	11
DSC7027-8	Church from south (Queen St)	N	12
DSC7029-31	Church from south (Queen St)	N	13
DSC7032-3	Church SW façade	NE	14
DSC7034-5	Church SW façade	NE	15
DSC7036	Church SW façade with Marischal College (left)	E	16
DSC7037-42	Church W corner junction Broad St and Queen St	ESE	17
DSC7043-5	Church NW façade	SE	24
DSC7046-7	Church N corner	SE	18
DSC7048-50	Church NE façade and junction with Marischal College	SSW	19
DSC7051-2	Church NE façade W39 and 40 ground floor and windows above	SW	20
DSC7053-5	Buttress N corner of church	SW	21
DSC7056-8	Buttress N corner of church	SW	21
DSC7059-61	Buttress N corner of church with D3 (right)	SE	22
DSC7062-4	D3 with NW façade and windows above	SE	24
DSC7065	NW façade tower	SE	24
DSC7066	NW façade tower	ESE	24
DSC7067	NW façade tower upper balustrade and finial details	SE	24
DSC7068-9	D3 stone steps and portico	SE	25
DSC7070-77	D3 details of wooden door constructed of 17th-century choir stall wooden panels	SE	27
DSC7078-9	D3 details of wooden door constructed of 17th-century choir stall wooden panels	SE	26
DSC7080	D3 detail of granite key stone in arched lintel above 1901	SE	27
DSC7081-2	D3 details of wooden door constructed of 17th-century choir stall wooden panels	SE	28
DSC7083	D3 detail of wooden panels	SE	26
DSC7084	D3 detail of wooden panels	SE	27
DSC7085-6	D3 detail of wooden panels	SE	27
DSC7087	D3 detail of wooden panels	SE	28
DSC7088	D3 detail of wooden panels	SE	28
DSC7089-90	Granite portico/porch outside D3	NE	30
DSC7091	Granite portico/porch outside D3	NE	30
DSC7092	Granite portico/porch outside D3	SW	29
DSC7093-5	Granite portico/porch outside D3	SW	29
DSC7096	D3 detail of granite key stone in arched lintel above 1901	SE	25
DSC7097-9	Buttress SW side D3	SE	31
DSC7100-3	Buttress SW side D3	E	32
DSC7104	Buttress SW side D3	E	32
DSC7105	Buttress SW side D3	NE	33
DSC7106-7	Buttress SW side D3	NE	33
DSC7108-10	Church SW façade W1 and W2 (top)	NE	34

DSC7111-2	W1 with W3 above	NE	36
DSC7113-5	Steps access to D4 with W53 (right) and W54 (top right)	SE	34
DSC7116	Steps access to D4 with W53 (right) and W54 (top right) and W9 (bottom right)	E	35
DSC7117, 20	W2	NNE	40
DSC7118-19	W2 and W4 above	NNE	40
DSC7121	D4 arched lintel	SE	40
DSC7122-3	D4 SW jamb	S	40
DSC7124-5	D4 NE jamb	E	40
DSC7126	W53	SE	39
DSC7127	W54	SE	39
DSC7128-31	Detail of stonework at SW end of steps	S	39
DSC7132-3	W53 (left) W9 (centre)	E	35
DSC7134-6	Buttress F2	NE	43
DSC7137	Tower finials	NNE	43
DSC7138	W9	E	41
DSC7139-40	Buttress F2	SE	41
DSC7141-3	Buttress F2	NE	43
DSC7144	W10	NE	44
DSC7145	W17	NE	44
DSC7146	Detail of cast iron down pipe	E	45
DSC7147-8	W10	NE	44
DSC7149	W10 detail	NE	42
DSC7150	W17	NE	42
DSC7152	W11 buttress F31 (left)	NE	46
DSC7153	W18	NE	46
DSC7154	W12	NE	47
DSC7155	W19	NE	47
DSC7156	W13	NE	49
DSC7157	W20	NE	49
DSC7158	F5	NE	48
DSC7159-60	F6	NE	50
DSC7161	W14	NE	51
DSC7162-3	W21	NE	51
DSC7164	W15	NE	53
DSC7165	W22	NE	53
DSC7166	stamped cast iron down pipe	NE	54
DSC7167-9	F8	SE	54
DSC7170-1	F8 (left) W16 and wall above	NE	55
DSC7172-3	F9	NE	56
DSC7174	Room 1 small hall SW wall D1	SW	57
DSC7175	Room 1 D6	W	57
DSC7176	Room 1 D5 and D1	S	57
DSC7177	Room 1 D6	SW	58
DSC7178	Room 1 W29 green and grey stained glass	W	59
DSC7179	Room 1 D5 and D1	SW	60

DSC7180-1	Room 1 W30	SW	61
DSC7182	Room 1 W29 green and grey stained glass	W	59A
DSC7183	Room 1 W29 green and grey stained glass	W	59
DSC7184	Room 1	SE	60
DSC7185	Room 1	E	60
DSC7186	Room 1	N	60A
DSC7187-8	Room 1 roof lights	NNE/ENE	57
DSC7189	Room 1 D7	NW	60A
DSC7190	D7 and corridor	NW	60B
DSC7191	Room 2	SW	61
DSC7192	Room 2	SW	62
DSC7193	Stairs down to corridor Room 6 (left) and up to ground floor (right)	W	63
DSC7194	Stairs down to corridor Room 6 (left) and up to ground floor (right)	NW	63
DSC7195	Room 6	SW	64
DSC7196-7	Cupboard at bottom of stairs	E	65
DSC7198	Room 6	SW	65
DSC7199	D9	SE	65
DSC7201-2	Room 3 W33	SE	66
DSC7203-4	Room 3 W33 (left) W32 (right)	SE	69
DSC7205	Room 5 W32	SE	70
DSC7206	Room 5 W32	SE	69
DSC7207-8	Room 5 SW wall F29 (right)	SW	66
DSC7209	books in cupboard F29	SW	71A
DSC7210	wall	NE	69
DSC7211	D10	NW	69
DSC7212	D10 (left) D9 (right)	NW	70
DSC7213	Room 3 NE wall	NNE	70
DSC7214	Room 6 corridor	NE	72
DSC7214	Corridor to Door D2	SE	73
DSC7216	Corridor to Door D2 wood panelling	E	73
DSC7217-18	D16	NE	75
DSC7219	D16	NE	75
DSC7220	toilets	E	75
DSC7221-3	W31 divided by partition wall in toilets	SE	77
DSC7224	D16	NE	75
DSC7225	W16	SSW	75
DSC7226-7	Panelling under W16	SSW/WSW	75
DSC7228	W15 (left)	NW	75
DSC7229	W15 divided by partition wall for Ladies toilet (right)	SW	73
DSC7230	W15 divided by partition wall for Ladies toilet (right)	SW	79
DSC7231-3	Electrical fittings Keith-Blackman	NW	75
DSC7234-5	Room 7 D13	NW	79
DSC7236	Room 7 D13	NW	79
DSC7237-8	W15 NW half in ladies toilet	S	80

DSC7239	W15 NW half in ladies toilet	SW	81
DSC7240-2	D13	NW	82
DSC7243	Room 8	NW	83
DSC7244	Room 8 SW wall W14, W13	SW	84
DSC7245	Room 8 SW wall W13, W12, w11	W	84
DSC7246	Room 8 W12, W11, W10 and stage	WNW	84
DSC7247	Room 8 trench (see watching brief report)	NW	85
DSC7248	Room 8 stage	NW	85
DSC7249-50	Room 8 W14	SW	86
DSC7251	Room 8 W13	SW	87
DSC7252	Room 8 W12	SW	88
DSC7253	Room 8 W11	SW	89
DSC7254	Room 8 W10	SW	90
DSC7255	Room 8 D15	NW	90
DSC7256	Room 8 stairway	N	91
DSC7257	Room 8 stairway	NE	92
DSC7258	Room 8 stairway	NE	92
DSC7259	Room 8 stairway	NE	92
DSC7260	Room 8	ESE	90
DSC7261	Room 8	E	90
DSC7262	Room 8 D12 (left) D13 (right)	SE	93
DSC7263	D11 to Room 4	NW	65
DSC7264	Room 4	SW	94
DSC7265	Room 4	N	95
DSC7266-7	Room 4	NE	95
DSC7268	Room 4	N	95
DSC7269	Room 4	NE	96
DSC7270	Room 4	SW	96
DSC7271	Room 4	S	96
DSC7272-3	Room 4	SW	96
DSC7274	Room 4 ceiling poured shuttered concrete	SW	96
DSC7275	stairs	NE	72
DSC7276	stairs to ground floor	NW	98
DSC7277	stairs to ground floor	NW	99
DSC7278	stairs to Room 9	SE	100
DSC7279	stairs to Room 9	SE	100
DSC7280	Room 9 Minister's robing room W35 (left W35 (right)	ESE	101
DSC7281	Room 9 toilet	NW	102
DSC7282	Room 9 cupboard	WNW	102
DSC7283	Room 9 D18 (left) to main church	W	102
DSC7284	Room 9 D18 (left) to main church	SW	103
DSC7285	Door to cupboard	NW	104
DSC7286	D7	NW	101
DSC7287-8	Room 10 main church	NW	105
DSC7289-90	Room 10 choir stall wooden panels F12	NE	106
DSC7291-2	Room 10 Rot Davidson carved wooden panel	NE	107

DSC7293	Room 10 John Ross wooden panel	NE	108
DSC7294-5	Room 10 Thomas Mitchell	NE	107
DSC7296	Room 10 wooden panel	NE	108
DSC7297-8	Room 10 choir stall wood panels F12	NE	121
DSC7299	Room 10	NE	109
DSC7300	Room 10	NE	109
DSC7301	Room 10	NE	110
DSC7302	Room 10	NE	110
DSC7303	Room 10	NE	112
DSC7304	Room 10	NE	113
DSC7305	Room 10 D18 (left) with wall of wooden panels	NE	114
DSC7306	Room 10 Elders and Readers Seats in this chancel were the gift of Alexander Gordon Wallace Member of the Kirk session 1903	NNW	120
DSC7307	Room 10 wooden panel	NE	114
DSC7308	Room 10	NE	120
DSC7309-10	Room 10 Alexander Walker 1702	NE	124
DSC7311-13	Room 10 wooden panel built into end of choir stall	SE	118
DSC7314-5	Room 10 wooden panel built into end of choir stall	SE	118
DSC7316	Room 10	SE	119
DSC7317-8	Room 10 panels under W34	SE	121
DSC7319-20	Room 10 panels under W34 with altar F14	SE	122
DSC7321	Room 10 wood panels F12	E	122
DSC7322	Room 10 panels under W34	SE	113
DSC7323-29	Room 10 panels under W34	ENE	123
DSC7330-1	Room 10 panels under W34	SE	120
DSC7332-3	Room 10 panels under W34	SE	120
DSC7334-5	Room 10 panels under W34	SE	125
DSC7336-7	Room 10 panels under W34	SE	125
DSC7338-9	Room 10 panels under W34	SE	127
DSC7340-1	Room 10 panels under W34	SE	127
DSC7342-3	Room 10 W34	SE	117
DSC7344-5	Room 10 W34	SE	124
DSC7346-51	Room 10 W34	SE	125
DSC7352-55	Room 10 W34	SE	127
DSC7356-7	Room 10 W34	SE	122
DSC7358-9	Room 10 F14	SE	122
DSC7360	Room 10 F14	SSE	121
DSC7361-2	Room 10 choir stalls SW section	S	122
DSC7363-4	Room 10	SW	127A
DSC7365-6	Room 10 The Chancel Steps and Floor were the gift of the Women's Guild 1903 inscribed into floor	SE	128
DSC7367-8	Room 10	SW	127
DSC7369-70	Room 10	SW	127B
DSC7371-2	Room 10 wooden panel built into end of choir stall	SE	127C
DSC7373-4	Room 10 panels on wall	SE	127C
DSC7375-6	Room 10 1677 panel	SE	127D



DSC7377-8	Room 10 William Cochrane	SE	127D
DSC7379-80	Room 10	SE	127D
DSC7381-2	Room 10 five panels in between choir stalls	SW	127D
DSC7383-4	Room 10 five panels in between choir stalls	SW	127B
DSC7385-6	Room 10 five panels in between choir stalls	SW	127A
DSC7387-9	Room 10 five panels in between choir stalls	SW	127C
DSC7390-1	Room 10 five panels in between choir stalls	SW	127C
DSC7392-3	Room 10 five panels in between choir stalls	SW	127A
DSC7394-5	Room 10 five panels in between choir stalls	SW	127A
DSC7396-7	Room 10 five panels in between choir stalls	SW	127B
DSC7398-9	Room 10 five panels in between choir stalls	SW	127D
DSC7400-1	Sandstone archway F19	SW	127A
DSC7402-4	Ceiling above altar	SW	127A
DSC7405-6	Tile floor around altar	SE	127A
DSC7407	Room 10 with altar (F14 foreground) and gallery F32 (centre)	NW	125
DSC7408-10	Altar F14	NW	125
DSC7411	Pulpit F13 and wooden sounding board above	E	132
DSC7412-4	Pulpit F13 and wooden sounding board above	S	133
DSC7415-8	Pulpit F13 and wooden sounding board above	SSE	134
DSC7419-22	Pulpit F13 and wooden sounding board above	SE	134
DSC7423-25	Sandstone arch F34 with archway F35 (right)	S	136
DSC7426-7	Room 10 NE wall archway F20, F21 (left)	N	136
DSC7428-30	Room 10 NE wall archway F20, F21, F22 (left)	NNW	136
DSC7431-2	F23 with W28, 27, 26 (top)	SW	136A
DSC7433	F26	SE	137
DSC7434-5	F26	NW	138
DSC7436-7	Room 11 SE wall	SW	138
DSC7438	Room 11 SE wall graffiti	SE	139
DSC7439	Room 11 SW wall	SW	139
DSC7440	W22 through F26	W	139
DSC7441-2	W22	SW	137
DSC7443-4	W22	SW	141
DSC7445	W22 details	SW	141
DSC7446-8	W22 details	SW	141
DSC7449-50	W21	SW	142
DSC7451-3	W21 details	SW	143
DSC7454-5	Archway F23 (top) looking through to altar and SE end	E	143
DSC7456	F20 (right) F21 (left)	NE	143
DSC7457	F21 (right) F22 (left)		
DSC7458	Room 10 with gallery F32	NNW	143
DSC7459-60	W20, W19	SW	152
DSC7461	W20	SW	145
DSC7462	W19	SW	147
DSC7463	W18	SW	149
DSC7464-5	W17	SW	151
DSC7466-7	Archway F25 (top) gallery F32 (right)	N	148

DSC7468	W18, W17	SW	150
DSC7469-70	Room 10 SW wall W18, 19, 20, 21, 22	SSE	150
DSC7471	D23	NW	153
DSC7472-3	D23 (left) pier for archway F25 (right)	N	153
DSC7474	D23	NW	153
DSC7475-6	Stairway down to lower ground with W9 (top right)	SW	155
DSC7477	Roof above stairway	SW	155
DSC7478	W9	SW	155
DSC7479	D4	NW	155
DSC7480-1	Room 10 with piers F17 and F18	SE	154
DSC7482	Room 10 SW wall W19, 20, 21, 22	S	157
DSC7483	Room 10 SW wall W17 (right), 18, 19	SSW	157
DSC7484	Room 10 with piers F17 and F18	SSE	157
DSC7485	Room 10 NW wall archways F22 (left) F21, F20	ESE	157
DSC7486	F22	NE	158
DSC7487-8	trial trench under floor	SE	159
DSC7489-92	Room 10	SE	159
DSC7493	Room 10 SW wall	S	159
DSC7494	Room 10 NE wall	E	159
DSC7495	W2	SW	160
DSC7497	W39	NE	160
DSC7498	W2	SW	161
DSC7499	W39	NE	161A
DSC7500	lath and plaster above W39	NE	161A
DSC7501	Looking through D20 to D3	NW	160
DSC7502	Room 13 SW wall W1	SW	162
DSC7503	W1	SW	163
DSC7504	lath and plaster on ceiling above W1	W	163
DSC7505	Plaque F28	W	163A
DSC7506-8	Plaque F28	W	163A
DSC7509-10	Archway to F32 and wall above D21	NE	163
DSC7511-2	D3	NW	162
DSC7513-14	D21	NE	164
DSC7515-18	Room 14 W40 and D22	N	165
DSC7519	D22	NW	166
DSC7520-22	Under stairs to gallery F32	NW	166A
DSC7523	D22	NW	166
DSC7524-5	Room 13 SW wall W1	WSW	164
DSC7526	D4	W	164
DSC7527	D4 ironwork	NW	167
DSC7528	stairs to gallery F32	NE	168
DSC7529	stairs to gallery F32	NE	168
DSC7530	stairs to gallery F32	E	168
DSC7531	stairs to gallery F32	SE	169
DSC7532	D20	SSE	168
DSC7533	stairs to gallery F32	SE	170

DSC7534	stairs to gallery F32	SE	170
DSC7535-8	access to gallery	SE	170
DSC7539-41	Room 10 from gallery	SE	171
DSC7542	Room 10 SW wall	S	171
DSC7543-4	Room 10 SW wall W5, W6	SW	171
DSC7545	Room 10 SW wall	S	171
DSC7546	Roof above gallery	SW	171
DSC7547-8	Gallery NW wall W48, W47	NW	172
DSC7549-50	Roof above W47, 48	NW	172
DSC7551-2	W5	SW	175
DSC7553	W42	NE	175
DSC7554-9	Room 10 from gallery	SE	175
DSC7560	steps in centre of gallery	NW	172
DSC7561	D24	W	172
DSC7562	D25 to stairs to upper floors	N	172
DSC7563	Gallery NW wall W48, W47	NW	172
DSC7564-5	W5	SW	175
DSC7566-7	W42	NE	175
DSC7568-9	D25 to stairs to upper floors	NNE	176
DSC7570	W47	NW	176
DSC7571-4	D25 to stairs to upper floors	NE	181
DSC7575-6	D24	SW	181
DSC7577-8	D25	NE	177
DSC7579	NE wall W42, W41	E	177
DSC7580	gallery steps for seating	SE	175
DSC7581-2	SW wall W5, W6	S	177
DSC7583-4	SW wall W5, W6	S	177
DSC7585-9	Room 10 from gallery showing ceiling	SE	177
DSC7590-1	recess under tower	SW	180
DSC7592-6	recess under tower	SW	180
DSC7597-8	W48	NW	183
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DSC7609-14	W47	NW	182
DSC7615	Room 10 from gallery showing ceiling	SE	177
DSC7616	ceiling above D24	SW	177
DSC7617-21	wooden steps	SW	177
DSC7622-23	NE wall W42, W41	E	177
DSC7624-5	SW wall W5, W6	SW	175
DSC7626-7	NE wall W42, W41	E	177
DSC7628-9	NE wall W42, W41	E	177
DSC7630	NE wall	E	171
DSC7631	Room 10 looking toward altar	SE	171
DSC7632-8	SW wall	S	171
DSC7639-41	W23, W24	SSW	172
DSC7642-3	Gallery and NW wall	WNW	171
DSC7644-5	stairs to ground floor	NW	171

DSC7646	W41	N	170
DSC7647	wood details gallery stairs		170
DSC7648-51	wood details gallery stairs		170
DSC7652-3	W41	NE	170
DSC7654-5	stairs down to ground floor	NW	170
DSC7656-9	Room 13 floor	SSE/SW	169
DSC7660-1	Room 13 floor	NE/SW	164A
DSC7662	Room 13 floor	SE	164A
DSC7663-4	F28	W	163A
DSC7665-7	F22	NE	158
DSC7668	trial pit below floor	NE	158
DSC7669-70	F21	NE	184
DSC7671-2	F20	NE	185
DSC7673-6	SE wall and W34	SE	185
DSC7677-9	E corner Room 10	E	185
DSC7680	detail of pulpit F13	E	132
DSC7681	detail of pulpit F13	NW	106
DSC7682	detail of pulpit F13	NW	135
DSC7683-5	view from F13	NW	135
DSC7686-7	Sounding board above F13	NW	135
DSC7688-90	view from F13	NW	135
DSC7691-4	view from F13	W	135
DSC7695-8	view from F13	W	135
DSC7699-700	view from F13	WNW	135
DSC7701	Window in stairwell	N	100
DSC7702	Roof of stairwell	NE	100
DSC7703	stairwell	NW	100
DSC7704	stairwell	NE	100
DSC7705-6	gallery F32	NW	184
DSC7707-14	gallery wooden panel details	W/NW	158
DSC7715-16	Room 10 looking towards altar and W34	SE	158
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DSC7723	gallery wooden panel details NE emd	NW	186
DSC7724-6	trial trench below floor	NW	186
DSC7727-8	Foundation below F16	NNE	186
DSC7729-32	F16 sandstone details	N	186
DSC7733-36	SW wall	WSW	186
DSC7737-40	SW wall	SW	186
DSC7741-2	SW wall	SSW	186
DSC7743	corridor lower ground floor Room 6	NE	82
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DSC7749-50	W34	NW	1
DSC7751	D2, W31	W	1
DSC7752-3	D1	NE	1
DSC7754	W29	NE	2

DSC7755	W30	NE	4
DSC7756	D2, W31	NW	8
DSC7757	wall above D2	NW	8
DSC7758	wall above D2	NW	8
DSC7759	W34	N	8
DSC7760	wall below W34	N	8
DSC7941-77	Details of W34		
DSC7978-82	Details of choir stalls		

#### WATCHING BRIEF

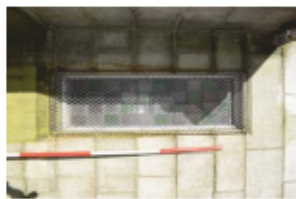
Photo ID	Comments	Direction Facing
DSC0703	Interior of Greyfriars Church during commencement of TP2.	NE
DSC0706	Detail of TP1 located in basement.	E
DSC0709	Location of TP1 within basement of church. Window to left of frame looks out towards Queen Street.	SW
DSC0712	Eastern profile of TP2 showing retaining wall/subflooring support.	E
DSC0716	TP2 excavation in progress.	N
DSC0724	Façade of Greyfriars Church.	NE
DSC0725	TP2 excavation in progress under dusty conditions.	SW
DSC0728	TP2 excavation nearing completion.	SW
DSC0729	TP3 excavation commencing.	NE
DSC0730	TP3 excavation in progress.	NE
DSC0738	TP3 excavation nearing completion.	NW
DSC0740	TP3 excavation nearing completion.	NW
DSC0744	Detail of completed NW section of TP3 which abuts Marischal College.	NW



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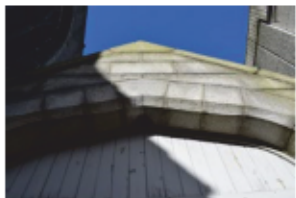
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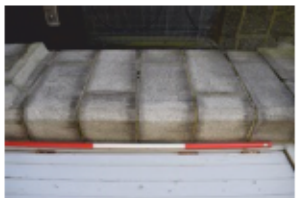
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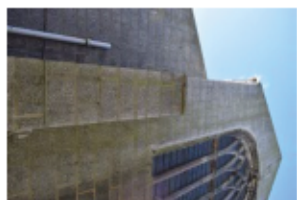
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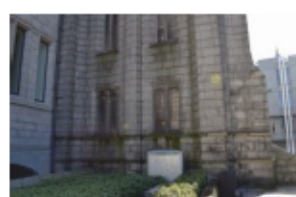
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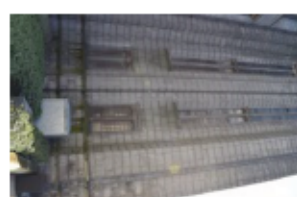
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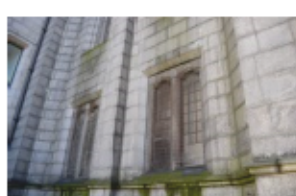
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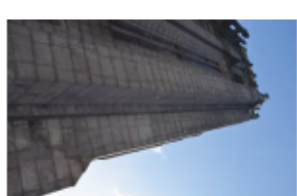
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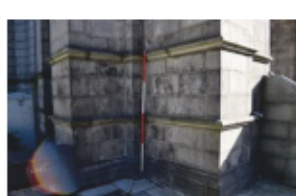
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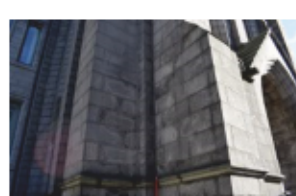
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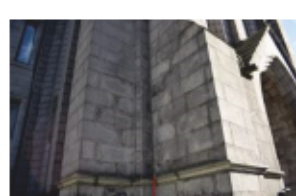
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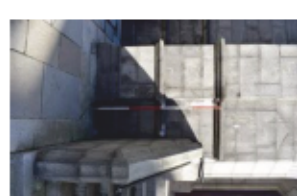
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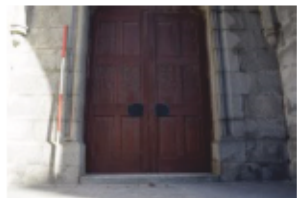
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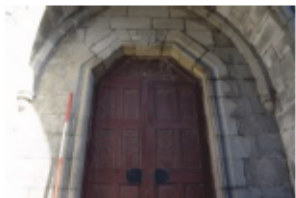
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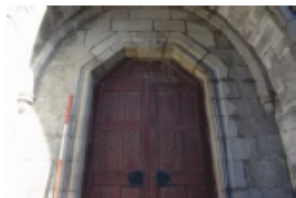
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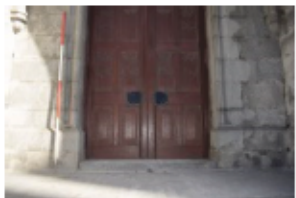
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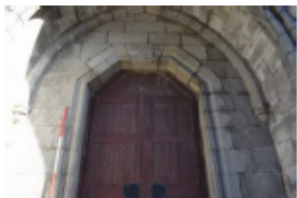
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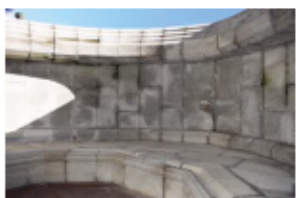
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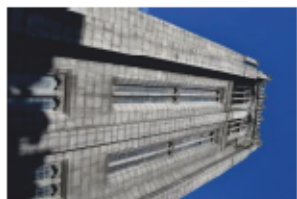
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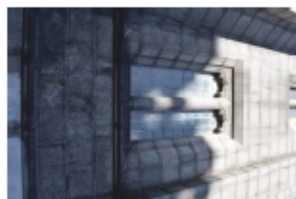
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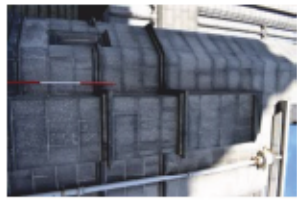
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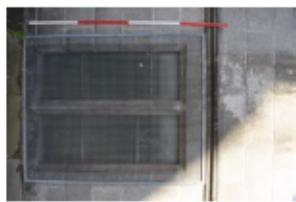
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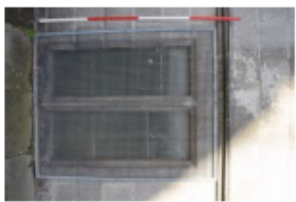
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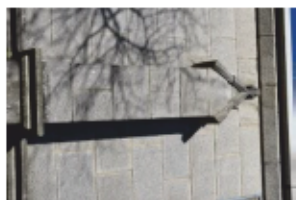
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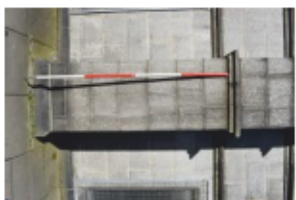
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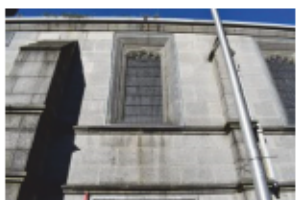
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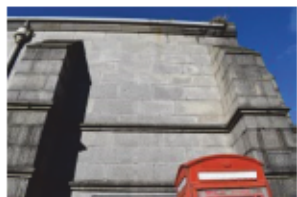
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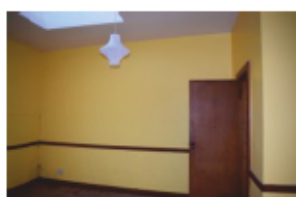
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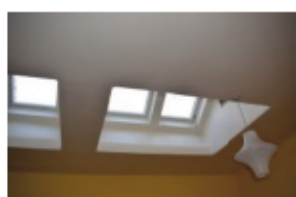
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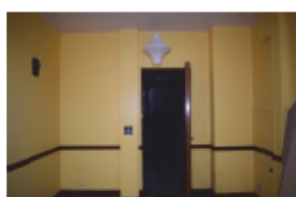
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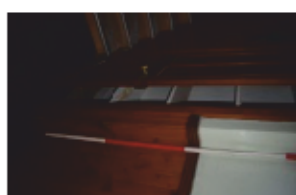
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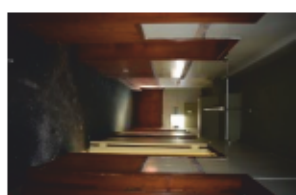
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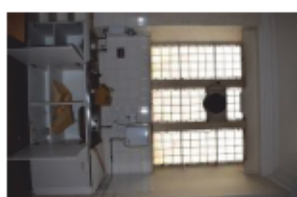
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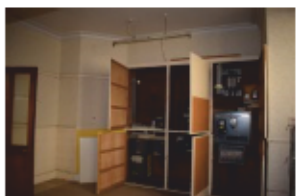
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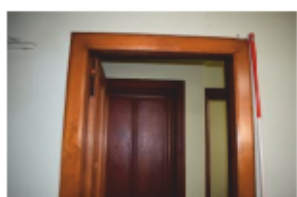
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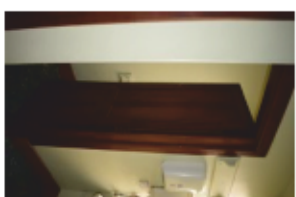
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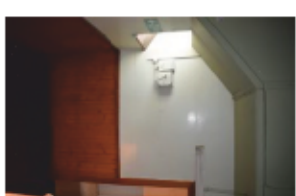
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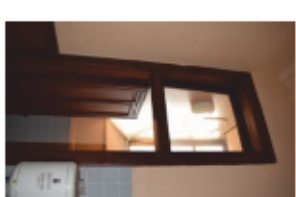
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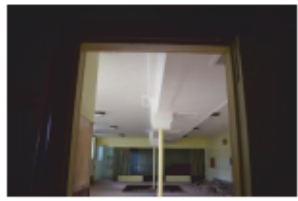
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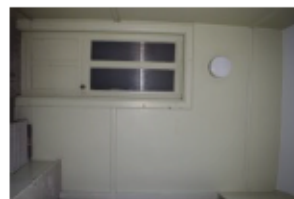
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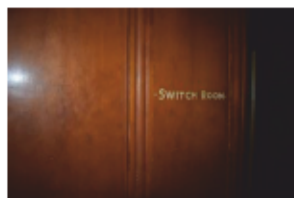
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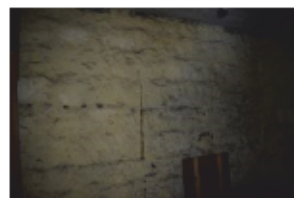
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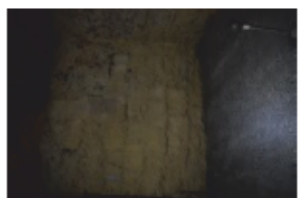
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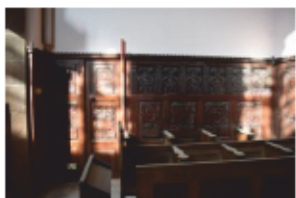
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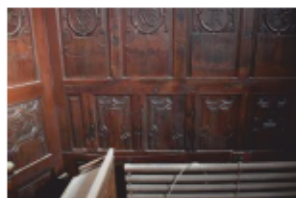
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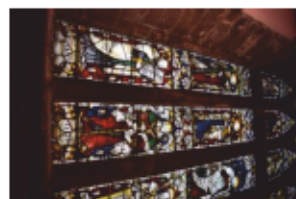
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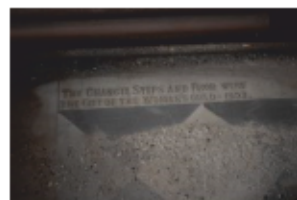
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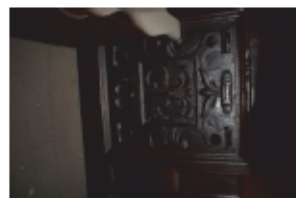
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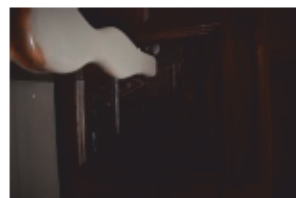
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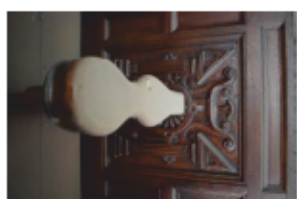
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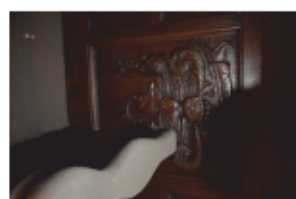
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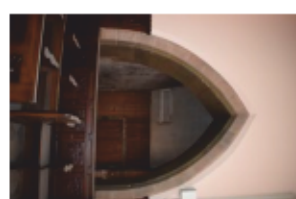
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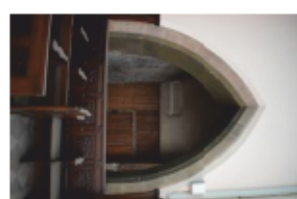
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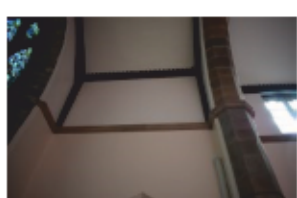
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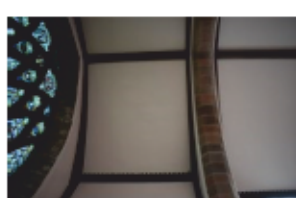
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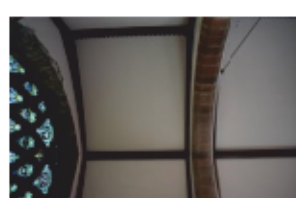
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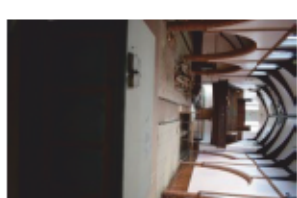
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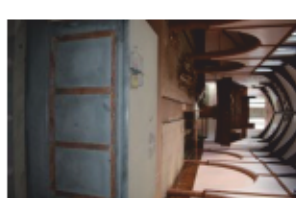
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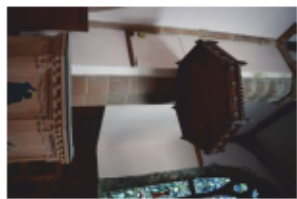
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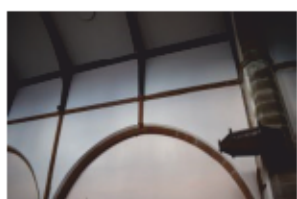
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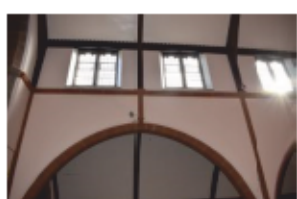
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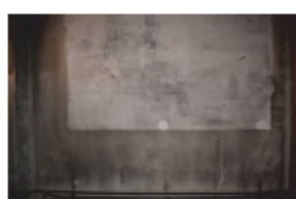
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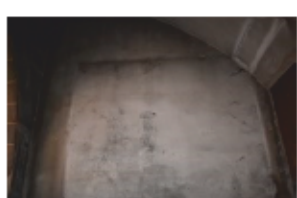
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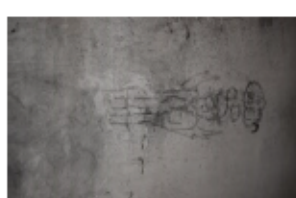
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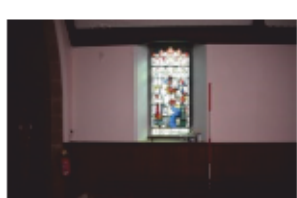
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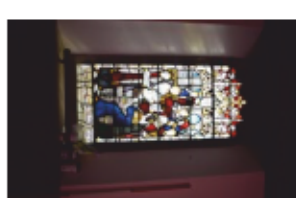
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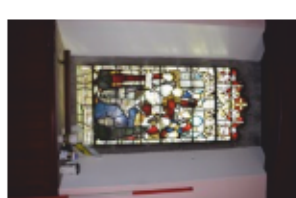
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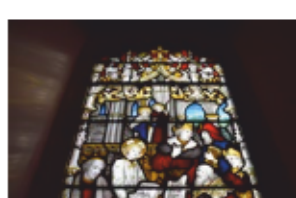
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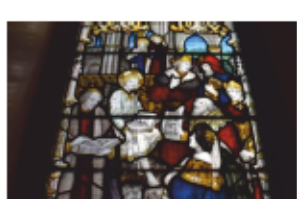
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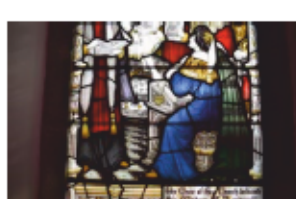
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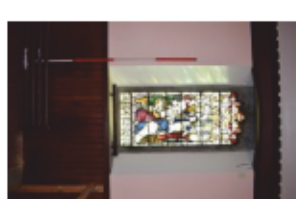
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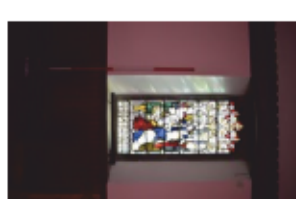
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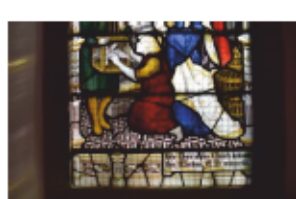
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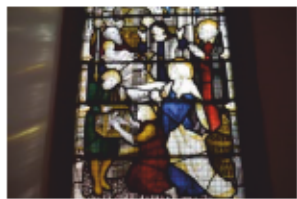
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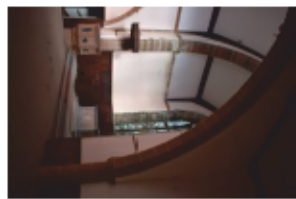
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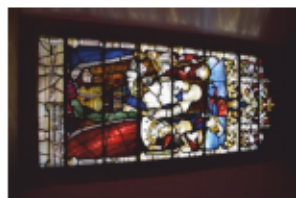
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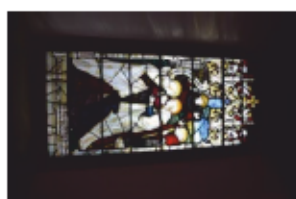
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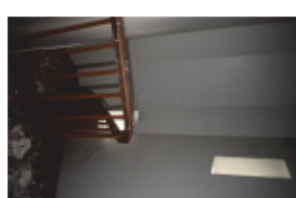
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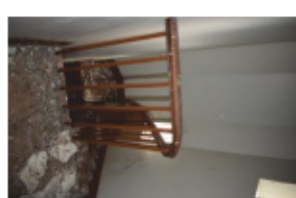
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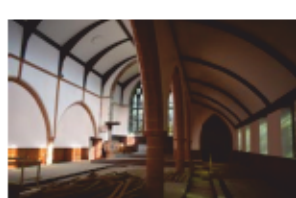
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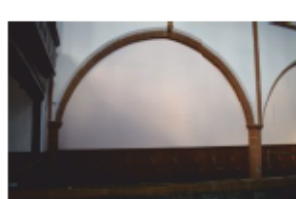
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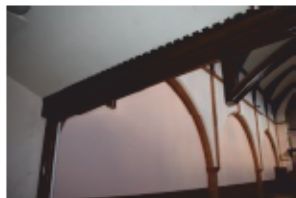
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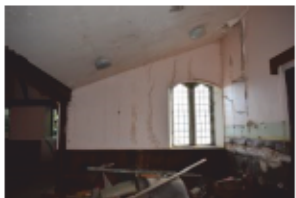
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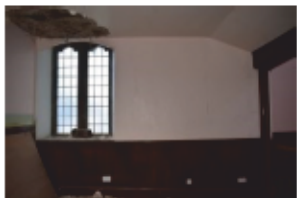
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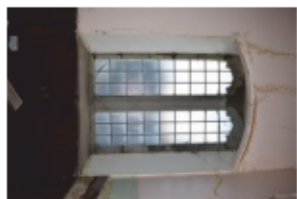
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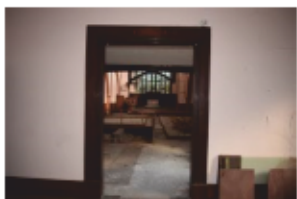
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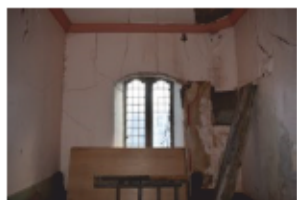
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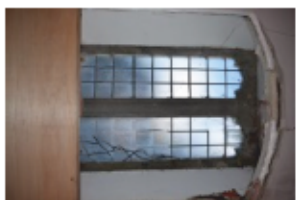
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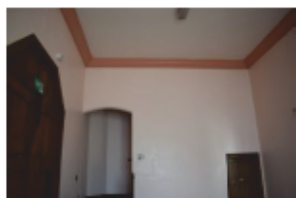
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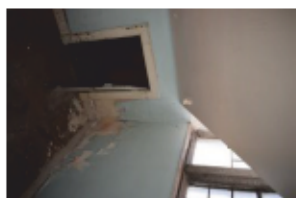
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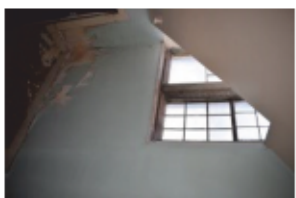
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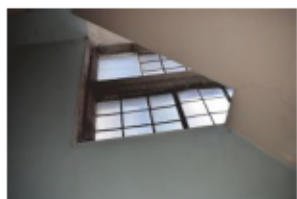
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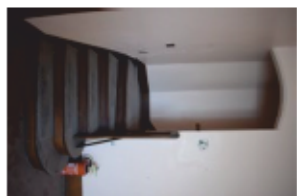
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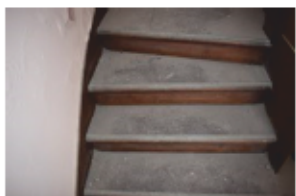
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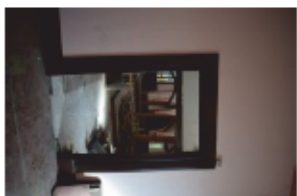
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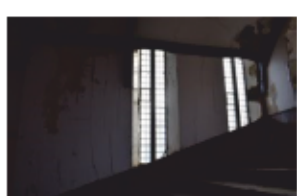
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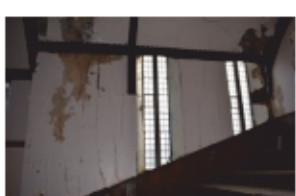
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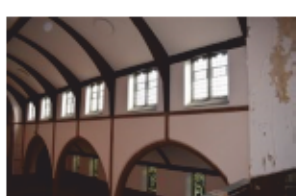
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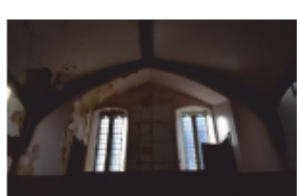
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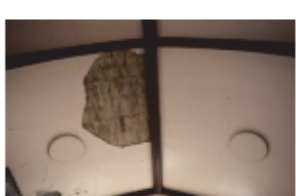
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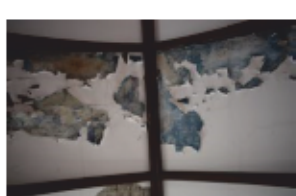
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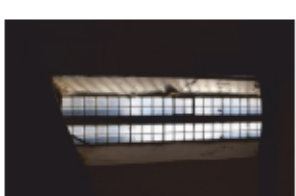
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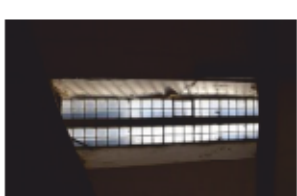
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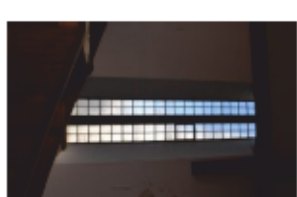
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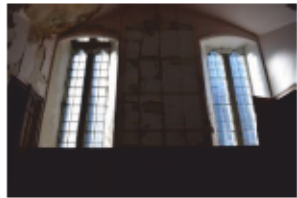
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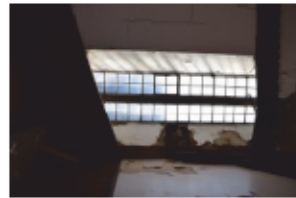
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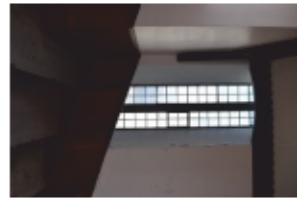
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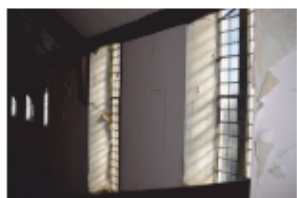
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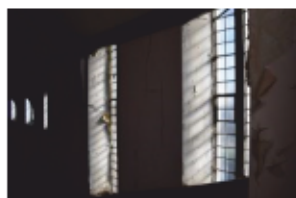
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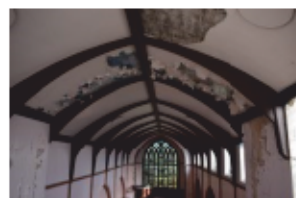
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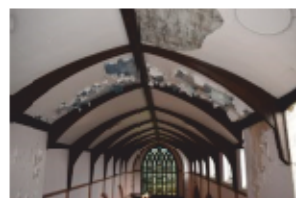
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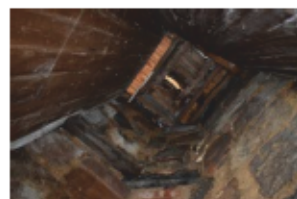
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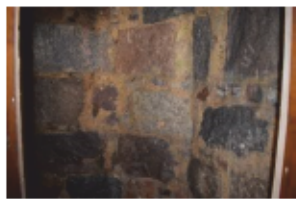
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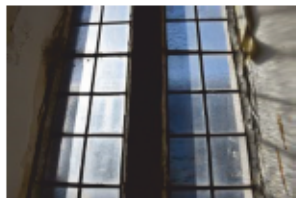
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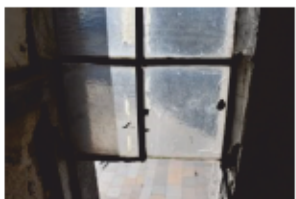
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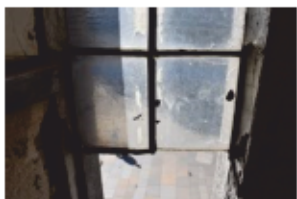
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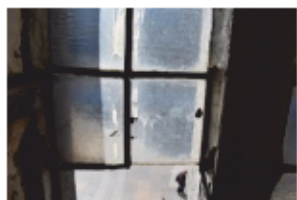
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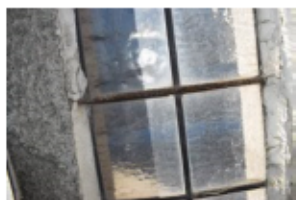
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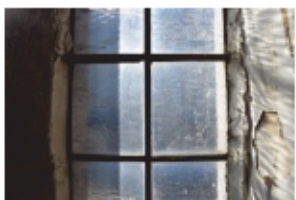
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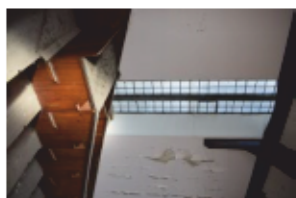
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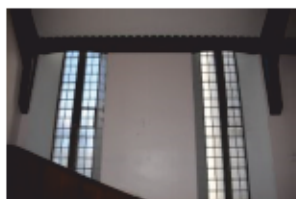
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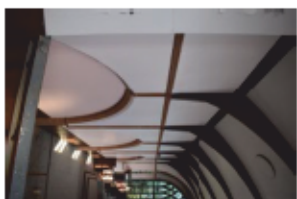
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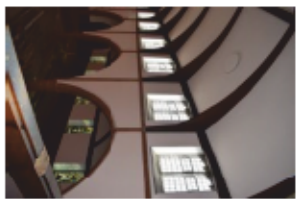
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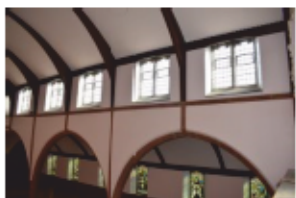
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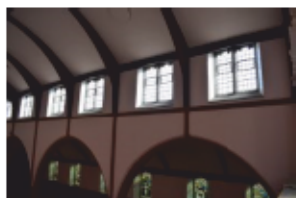
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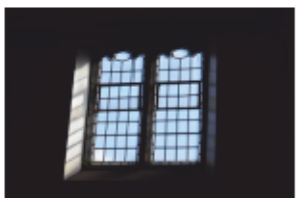
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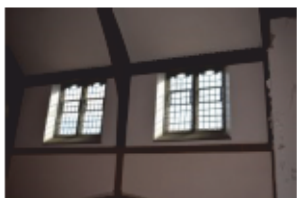
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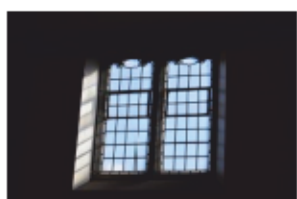
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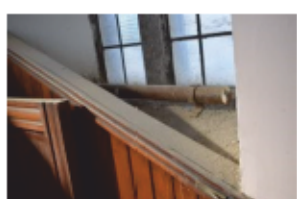
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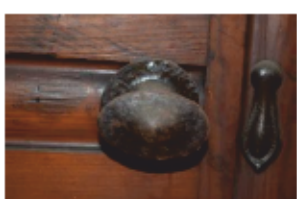
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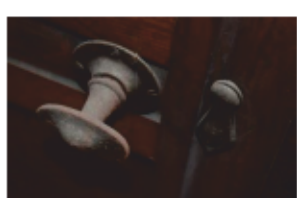
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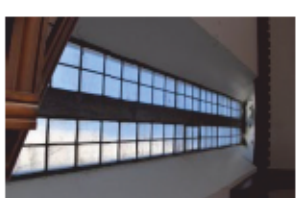
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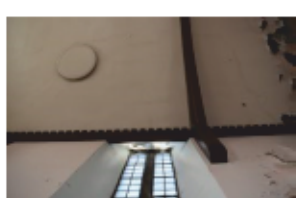
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DSC\_7657.JPG



DSC\_7658.JPG



DSC\_7659.JPG



DSC\_7660.JPG



DSC\_7661.JPG



DSC\_7662.JPG



DSC\_7663.JPG



DSC\_7664.JPG



DSC\_7665.JPG





DSC\_7666.JPG



DSC\_7667.JPG



DSC\_7668.JPG



DSC\_7669.JPG



DSC\_7670.JPG



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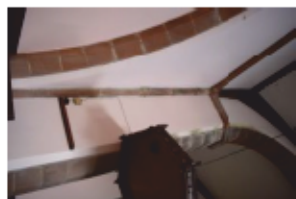
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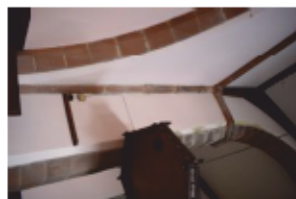
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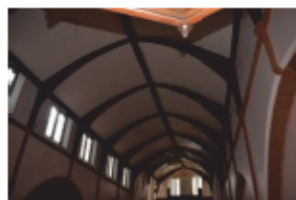
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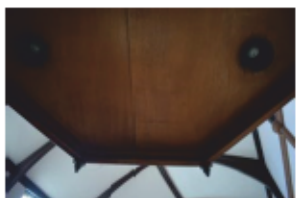
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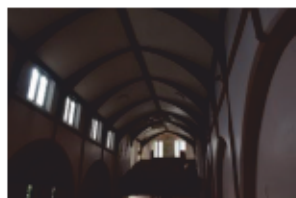
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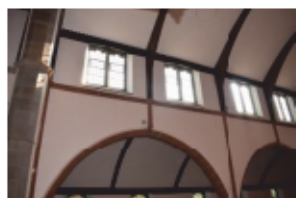
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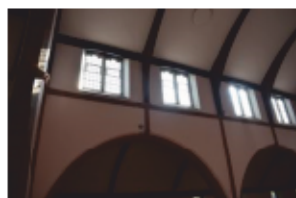
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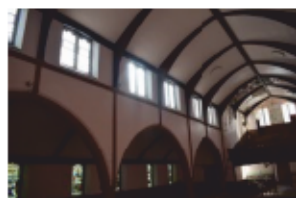
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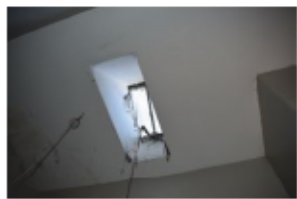
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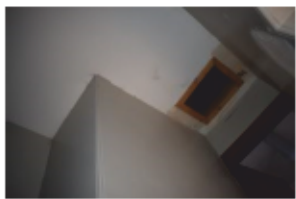
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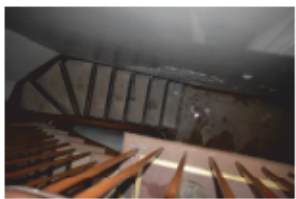
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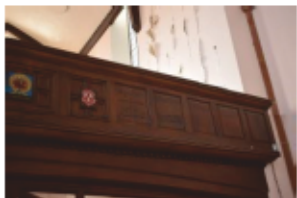
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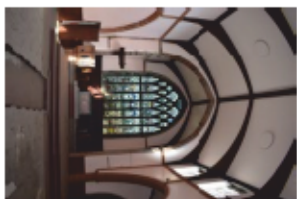
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DSC\_7718.JPG



DSC\_7719.JPG



DSC\_7720.JPG



DSC\_7721.JPG



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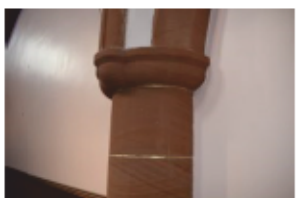
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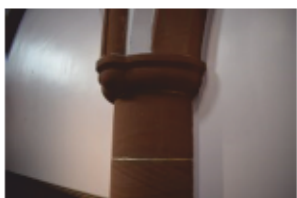
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DSC\_7733.JPG



DSC\_7734.JPG

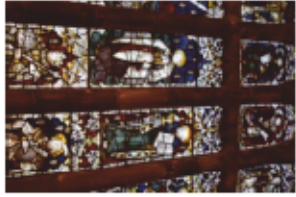


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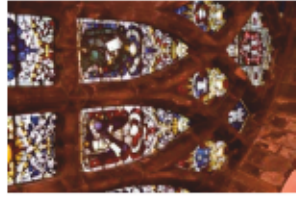




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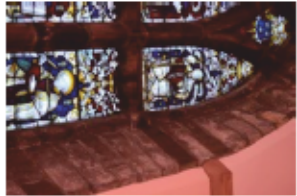
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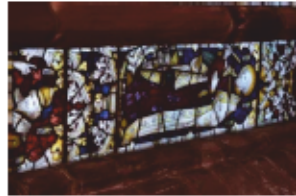
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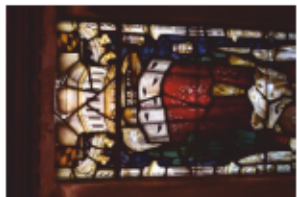
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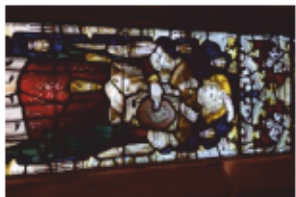
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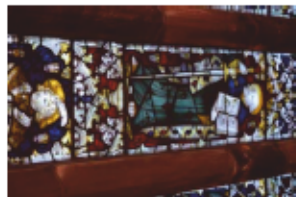
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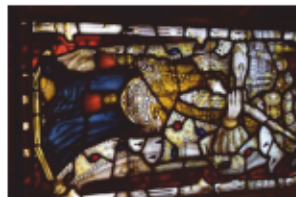
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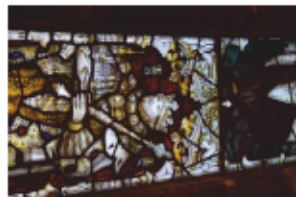
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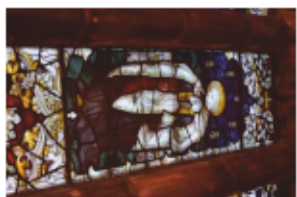
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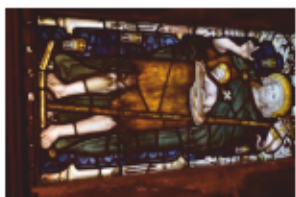
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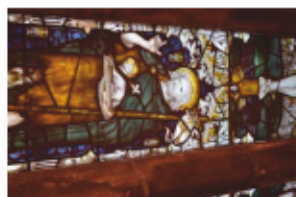
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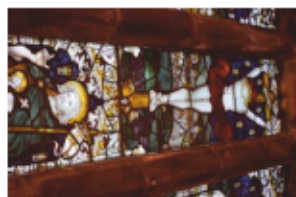
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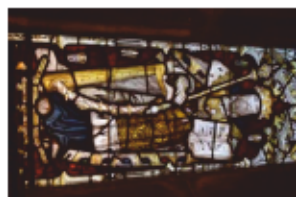
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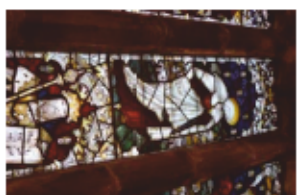
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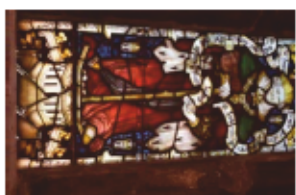
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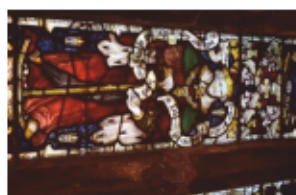
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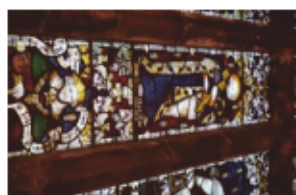
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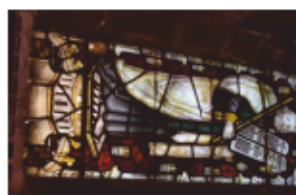
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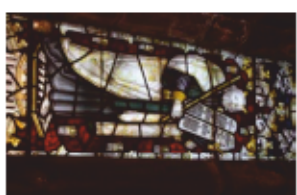
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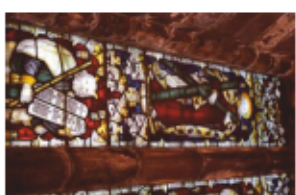
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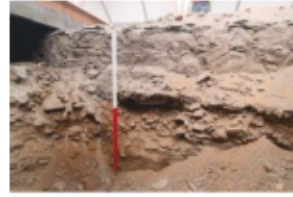
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\_DSC0729.jpg



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