Archaeological Survey
Ballintober Castle
Ballintober, Co. Roscommon
Ireland

RO027-048002-

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for

Castle Studies Trust
2014 Grant award

Figures 18-34
Figure 18: Plan and section of the mural stairs on the north wall

Note: The figure shows the point cloud data acquired by laser scan survey on the left side, and the archaeological interpretation on the right side.
Figure 19: Isometric view through the Southwest tower, looking southwest
Figure 20: Southwest corner tower, floor plans and sections

Notes:
ch - chamber  fp - fireplace  ga - garderobe
st - stairwell  wi - window
Note: Within the north chamber, survey was only possible on the ground floor level, but the result reveals the detail of the main unit and the base of its barrel-vaulted ceiling.
Figure 22: Isometric view of the Northwest tower, looking east

Note: this view and Figure 25 were processed in Bentley Pointools™, which proved less easy to work in than Realworks™, which was used for processing the cloud point data in the other figures. The lighter colour on the base batter is a processing issue and does not exist in reality.
Figure 23: Northwest corner tower, plans and sections

Notes:
fp - fireplace
st - stairwell
wi - window
wi bl - blocked window
Figure 24: Ortho images showing interior perspective of main chamber in Northwest tower

Notes:
- cb - corbel
- fp - fireplace
- sl - joist slot
- wi - window

East-facing

West-facing
Figure 25: Long-section view through the Northwest tower
Figure 26: Isometric view through Northeast tower, looking northeast
Figure 27: Northeast corner tower, floor plans and sections

Notes:
fp - fireplace
wi - window

Wall thicknesses need to be checked due to ivy growth
Figure 28: Ortho images showing north and east walls of Northeast tower

Notes:
fp - fireplace
wi - window

North-facing

East-facing

north perimeter wall | northeast corner tower

First floor

Ground floor
Figure 30: Southeast corner tower, floor plans and section

Notes:
wi window
Wall thicknesses need to be checked due to ivy growth
Figure 31: Ortho images showing east and south walls of Southeast tower

Notes:
wi  window/gun loop opening
Figure 32: Isometric view through eastern entrance, looking out southeast
Figure 33: Eastern entrance towers, floor plans and section

West-facing elevation, showing slice lines of floor plans

Notes:
fc - front chamber
rc - rear chamber
wi - window/gun loop opening
Figure 34: Ortho images showing internal perspectives of eastern entrance

Notes:
- fc - front chamber
- rc - rear chamber
- wi - window/gun loop opening

North-facing: Castle interior (wi), Castle exterior, North-facing.

South-facing: Castle exterior, Castle exterior (wi (basement level)), South-facing.