

Fig. 1. Plan and sections of Game Larder



Plate 1. Interior of Game Larder, with shelf, bench and ventilators



Plate 2. East elevation of Game Larder, showing quoins and ventilators

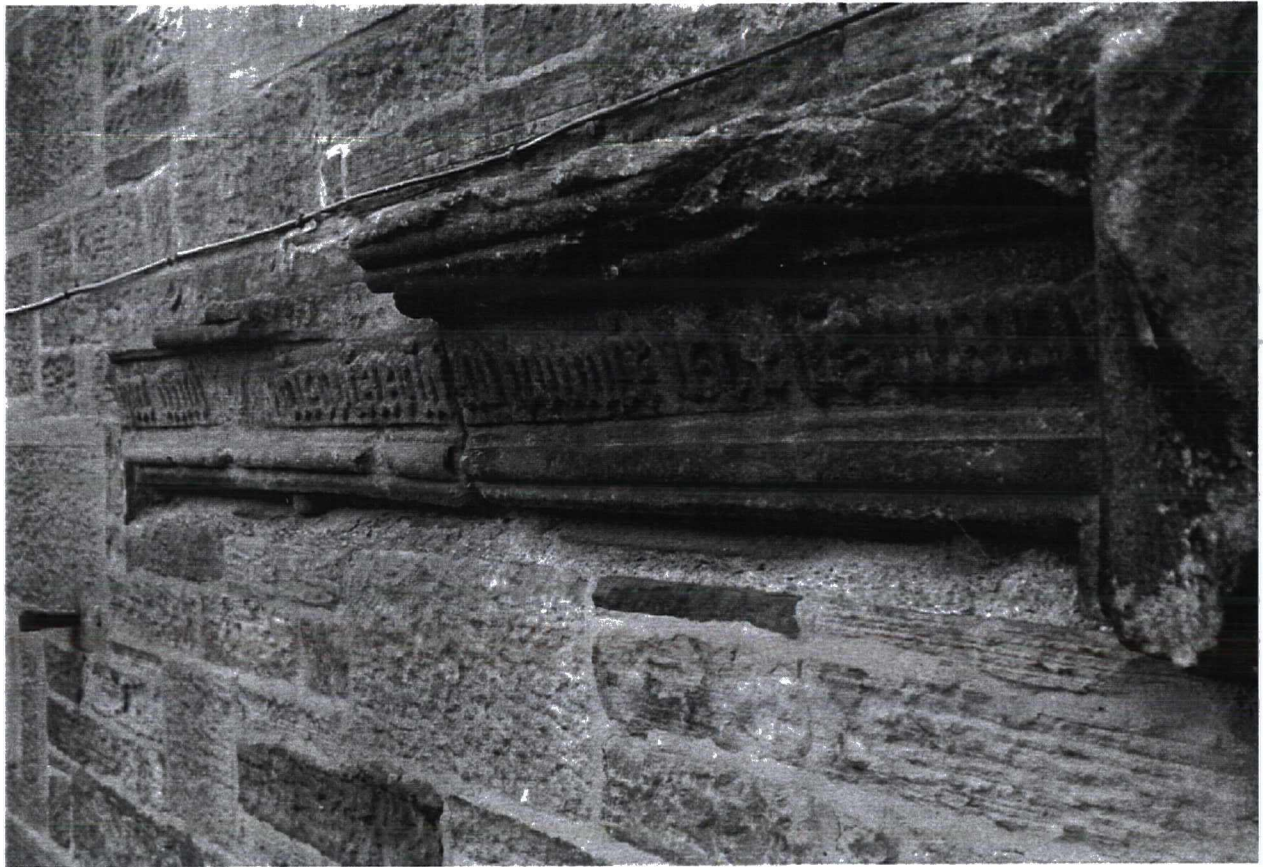


Plate 3. Decorated head with Latin inscription, in east elevation of Keeper's Cottage



Plate 4. Reused 1694 door lintel with initials D I A in east elevation of Keeper's Cottage

Hellifield Peel And Homestead
Hellifield
North Yorkshire

4. Earthwork Survey

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Summary

The earthwork survey recorded a number of features concentrated in the south-west of the Peel enclosure, some of which are not readily observable on the ground. A number of ponds and water features are evident and the southern garden 'wall' may have been an integrated element of the garden's design, such as a raised walkway.

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Fig. 1. Evaluation trench locations and earthwork survey results on modern OS digital map and 1909 1:2500. Scale 1:750

Fig. 2. Three-dimensional representation of earthwork survey results

1. Introduction

- 1.1 Archaeological Services WYAS was commissioned by Dodd Frankland Stocks Partnership on behalf of their client Mr N. Hargreave to carry out an earthwork survey at Hellifield Peel, North Yorkshire (SD 8595 5557).
- 1.2 The fieldwork was undertaken on 10th to 12th March and 17th March 2003.

2. Aims and Methods

- 2.1 A survey was undertaken to facilitate the mapping of extant garden or other earthwork features surviving within the Peel enclosure. The survey concentrated on areas to the south-west and south of Hellifield Peel. No garden features were noted to the east or north.
- 2.2 Prior to commencement of the earthwork survey four stations were established to provide an accurate basis for the data. These stations were surveyed to upstanding buildings and fence lines, allowing for collected data to be tied into the Ordnance Survey digital mapping using AutoCAD™ Map 2000. The station co-ordinates are presented in Table 1.
- 2.3. The survey was undertaken using a Geodimeter 500 series total station theodolite and the data collected was processed using Blue Moon Systems' Landscape™ software. Final plots were processed using Landscape™, MapInfo™ 7 and AutoCAD™ Map 2000.
- 2.4 A 20 m by 20 m grid was then established, from Stations 1 and 2, using a dumpy level and 30 m tapes. This was necessary to allow for survey points to be taken at set intervals and to ensure complete coverage of the site. Transects on this grid were made in a north-south direction, with spot levels being taken at 1 m intervals at the western end of the site, increasing to 2 m intervals towards the Peel. This increase was due to few or no features being present in this area in contrast with that to the west, where the majority of features were concentrated. The tops and bottoms of slopes of identifiable features were also surveyed. The data collected allowed for the construction of a colour-coded contour map presented in Fig. 1 and a three dimensional, digital terrain model, presented in Fig. 2.
- 2.5 Full survey data in MapInfo™ table format will be provided to the North Yorkshire County Council Heritage Unit with this report.

3. Results

- 3.1 When plotted on the Ordnance Survey digital map base the data aligned exactly with the garden wall to the west and with the fence line to the south and west of the Peel, but was slightly out of alignment with the east-west post and wire fence forming the northern limit of the survey area. The size of this misalignment is well within Ordnance Survey error limits for this type of feature and can be attributed to minor inaccuracies on the digital map.
- 3.2 The area sloped down from north-east to south-west and, less so, from north to south. The maximum height was 99.907 m and the minimum 97.869 m giving a difference of 2.038 m. A marked change in slope can be seen to the east of the area running in a north to south-east direction. This is shown by a clear change in colour on Figure 1 and an apparent 'ledge' on Figure 2 but is probably an amplification of a more gentle slope caused by the interpolation of

- points either side of a survey 'shadow' where a large tree prevented sighting to the survey instrument.
- 3.3 As expected the survey recorded several features that can be seen clearly on the ground. The assumed boundary wall separating the garden to the north from the lawn, ha-ha and park to the south stands to a maximum spot height of 99.086 m, 1.217 m above the lowest point, and aligns with the boundary in this location shown on 1909 1:2500 OS map. The gap in the wall to the west is where the wall was breached (see Part 2, 4.8.3). A round raised area to the north-east of the wall's eastern end sits 0.357 m above its surroundings and is assumed to be masonry, but is so overgrown with vegetation that only intrusive investigation would give confirmation. The location broadly coincides with a structure shown on the OS 1896 map (see Part 2, 4.5.4).
- 3.4 To the north of the wall the shallow circular feature that can just be distinguished on the ground is unmistakably shown in Figure 2 as a pond. The circular outer lip surrounds a rounded rectangular base only 0.266 m in depth. The sloping sides are shelved and form a figure of eight shape.
- 3.5 Two features recorded by the survey were not apparent when the site was inspected. To the west of the pond is another sunken feature although not circular and approximately 0.065 m deeper, possibly a sunken garden or another water feature. The western side is less clear than the eastern and this may be due to wear and truncation being north of the access route through the wall. To the south of the wall is a semi-circular sunken feature, in alignment with the circular pond and some 0.085 m lower but only 0.141 m deep. The feature may be another, smaller pond or some related water channel. Its juxtaposition with steps to the south and north of the wall might suggest some elaborate ornamental garden feature and it is possible that this 'wall' was also an ornamental feature, such as a raised walkway or viewing platform.

Acknowledgements

Report:

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Figures:

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Fieldwork:

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	Northing	Easting
Station 1	385858.8	455527.3
Station 2	385853.4	455567.1
Station 3	385912.8	455574.9
Station 4	385977.6	455543.7

Table 1 Hellifield Peel survey stations