Non-Invasive Archaeological Investigations for the Aberdeen Western Peripheral Route (AWPR Package)

Project code: AWPR-002

Employer: AWPR Managing Agent

Consultant: Jacobs UK Ltd

















A96(T) DYCE DRIVE PARK AND CHOOSE AND **ASSOCIATED LINK ROAD (DYCE)**

Walton Farmhouse (Site 128) Photographic Survey



Report Authors: Jürgen van Wessel & Laura Bailey

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A96(T) Dyce Drive Park and Choose and Associated Link Road (Dyce)

Photographic Survey

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Contract: Non-Invasive Archaeological Investigations for the

Aberdeen Western Peripheral Route (AWPR

Package)

Employer AWPR Managing Agent

Consultant Jacobs UK Ltd

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Schedule

Fieldwork 21st November 2012 Report 20th December 2012

Summary

Headland Archaeology undertook a photographic survey of Walton Farmhouse (Site 128) in order to document the site in its current form and condition. The work formed part of a programme of archaeological non-invasive investigations to facilitate the construction of the Aberdeen Western Peripheral Route and associated schemes (AWPR). The site was located on the A96(T) Dyce Drive Park and Choose and associated Link Road (Dyce) section of the proposed AWPR.

The farmhouse is a simple granite, two-storey, three-bay rectangular house with pitched slate roof, oriented east-west. Two stone extensions and a garage have been added subsequently. The building was in generally good condition and was still in use by an agricultural college at the time of the survey.

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Illus 2: Ordnance Survey 1869 Aberdeen Sheet LXV.16, 25 inch to the mile

Illus 3: Ordnance Survey 1925 Aberdeen Sheet 065.16, 25 inch to the mile

For Photo numbers please refer to Appendix 1.

The photographs referred to throughout this report are indexed in Appendix 1 and reproduced in full in Appendix 2. They are presented in the order in which they were taken and thus photo numbers in the text may not be sequential.

1 Introduction

1.1 General

- 1.1.1 This document is submitted as the report on the photographic survey of Walton Farmhouse, Category C Listed (Site 128), which is located adjacent to the footprint of the proposed A96(T) Dyce Drive Park and Choose and associated link road (Dyce) section of the Aberdeen Western Peripheral Route (AWPR). The photographic survey is part of a programme of archaeological non-invasive investigations to facilitate the construction of the AWPR and associated schemes. The work was undertaken in accordance with a specification prepared by Jacobs UK Ltd within the Invitation to Tender (ITT) (Aberdeen City Council 2012) and a Written Scheme of Investigations prepared by Headland Archaeology (2012) and agreed with Dr Judith Stones, Lead Curator, Local History and Archaeology, Aberdeen City Council.
- 1.1.2 The AWPR is proposed as both a bypass and a distributor road around the City of Aberdeen. The route envisages the construction of a wholly new dual carriageway some 34.6km long around Aberdeen, together with a link to Stonehaven some 11.5 km long, and includes associated side roads and junctions. As part of the wider local transport strategy, Aberdeen Council envisages a 'ring' of circumferential Park and Choose sites to be established around the city which are connected by the AWPR. A park and choose facility is proposed on the A96 (T) as one of the main corridors to the north of the City. The car park with a capacity for nearly 1,000 vehicles was designed to reduce a direct impact upon the Category C Listed Walton Farm buildings (reported here). The proposals also include a dual carriageway that links the proposed AWPR, the A96 (T) and Dyce Drive.
- 1.1.3 The Employer is the AWPR Managing Agent, administrator of the Commission on behalf of Aberdeen City Council (ACC) and its funding partners. The Consultant is Adam Brossler of Jacobs UK Ltd. The Contractor is Headland Archaeology (UK) Ltd, the archaeological organisation appointed by the AWPR Managing Agent to carry out the work reported here. Historic Scotland provides advice, supervision and oversight of the content, conduct and quality of archaeological aspects of the Contract, acting in support of Transport Scotland.
- 1.1.4 On the 21st November 2012 Headland Archaeology undertook a photographic survey of Walton Farmhouse (Site 128), which is located adjacent to the footprint of the proposed A96(T) Dyce Drive Park and Choose and associated link roads section of the Aberdeen Western Peripheral Route (AWPR). This project was managed by Russel Coleman (Contract Manager) and Sorina Spanou (Project Manager). Fieldwork and reporting was undertaken by Jürgen van Wessel and photography by Laura Bailey.

1.2 Background to the Project

1.2.1 Planning permission for the proposed A96(T) Dyce Drive Park and Choose and associated Link Road (Dyce) was granted subject to the following condition:

'No development shall take place within the area indicated (in this case the area of the whole development) until the applicant has secured the implementation of a programme of archaeological work in accordance with a written scheme of investigation which has been submitted by the applicant and approved by the Planning Authority. The programme of archaeological work will include all necessary post-excavation and publication work'.

- 1.2.2 In order to comply with the above condition archaeological investigation is required to establish the potential impact on any features affected by the scheme.
- 1.2.3 Based on requirements of the condition, the following non-invasive archaeological investigations are required:
 - geophysical survey, and
 - photographic survey.
- 1.2.4 The present report deals with the photographic survey of Walton Farmhouse (Site 128, Illus 1).

1.3 Archaeological and Historical Background

- 1.3.1 The area around the proposed development is characterised by sites related to the agricultural and economic improvements that began in the 17th century and continued through the 18th and 19th centuries. Improving leases were granted to selected tenants, which allowed tenants to dismantle the runrig system of cultivation and replace it with longer, more varied crop rotations in large, enclosed fields. Activities such as the enclosure of the land, the quarrying and burning of lime for use as a fertilizer and the planting of trees all resulted in lasting changes to the landscape.
- 1.3.2 Walton Farm (Site 128) is situated immediately north of the proposed development and consists of a Category C Listed, late 18th century, farmhouse, with adjacent and later farm buildings arranged around a rectangular courtyard. Several, more recent, farm buildings, including storage and cow sheds were located in the area to the north of the farmhouse and a building, currently in use as the Agronomy Department was located in the south-eastern area of site. The adjoining fields that make up the proposed development site are regularly sized and straight edged, characteristic of enclosed fields of this period.

1.4 Aims and Objectives

- 1.4.1 The general aim of the archaeological evaluation is to identify the extent and character of known and unknown archaeological remains in order to enable a programme of mitigation to be designed. More specific aims and objectives are as follows:
 - To identify, investigate and record any such archaeological remains to the extent possible by the methods put forward in the ITT Specification, and to disseminate the results through deposition of an ordered archive and detailed report at the National Monument Record of Scotland (NMRS), and publication at a level of detail appropriate to the significance of the results.
- 1.4.2 The results of the non-invasive investigations will enable a more accurate assessment of the potential impact of the scheme on archaeological remains and the design of any further evaluation works and an appropriate programme of mitigation works (if necessary). Such works will form part of a separate contract.
- 1.4.3 The purpose of this particular survey was to document the external appearance of the site and its setting in its current condition. The recording of the exterior of the site was undertaken to English Heritage 'photographic survey' standards (English Heritage 2006, 14).

1.5 Site Location and Description

- 1.5.1 Walton Farmhouse (Site 128) is located immediately north of the proposed footprint for the scheme between the A96 and Dyce Drive in the parish of Newhills at NGR NJ 87150 11410, and at a height of approximately 93m OD. The building will not be directly affected by the proposed construction although there will be impacts on its setting.
- 1.5.2 The farmhouse building is not clearly visible from any distance; it is hidden from open arable farmland to the west by a row of tall trees. It is bounded by gardens and tall trees to the south; a garage and access tracks to the east; two extensions and a range of farm buildings to the north. These farm buildings are single-storey and form three sides of a small rectangular courtyard, with the farmhouse making the southern side (Illus 1).
- 1.5.3 The farmhouse is a simple granite two-storey, three-bay rectangular house with pitched slate roof oriented east-west. Two stone extensions and a garage have been added subsequently.

1.6 Assumptions and Limitations

1.6.1 The original farmhouse was partly obscured to the north and east by later buildings; these have been included in elevation photos but may hide some architectural details. Photography of the west and south elevations was somewhat hindered by tall trees and garden furniture.

2 Survey Procedure and methodology

- 2.1 The survey was undertaken in accordance with the guidance provided in Understanding Historic Buildings A guide to good recording practice (English Heritage 2006)
- 2.2 English Heritage's Understanding Historic Buildings: A guide to good recording practice (2006, 14) states: 'A photographic survey differs from other surveys in that it provides a very full visual record, accompanied by a brief written account, but without an analytical or drawn survey at a comparable level of detail. A comprehensive photographic survey may be appropriate for a building which has complex and important decoration or historic furnishing but which is under no threat, and for which there is no immediate need for detailed analysis. It may also be appropriate for a building of a well-known type which is under threat but for which existing documentation is in other respects adequate.'
- 2.3 The survey was carried out using a 35mm analogue Single Lens Reflex camera for the production of black-and-white photographs and a high resolution digital camera for the production of colour images. The resultant negatives and prints from the film-type camera shall provide a longer lasting and a more stable photographic output for archival purposes.
- 2.4 The photographic record of the site included black-and-white prints and digital photographs showing:
 - General views of the site in its setting;
 - The external appearance of the site, including oblique and parallel shots; and
 - Any structural or decorative detail relevant to the site's design, development or use which does not show up adequately on general photographs.
- 2.5 The locations and directions of record photographs are marked on the site plan (Illus 1). A full register of photographs is presented in Appendix 1 and the images are reproduced in full in Appendix 2.

3 Results

3.1 Documentary Evidence

- 3.1.1 The farmhouse at Walton Farm is a Category C Listed building (Historic Scotland Listing Ref. no. 17433) and has an entry in the NMRS (site no NJ81SE 84). The Listing reference describes the building as: 'Late 18th century. 2-storey 3-window red ashlar, windows unevenly spaced; coped chimneys; porch (formerly 2-seater lavatory, now kennel at W Gable; glazing altered).'
- 3.1.2 The first map to show sufficient detail of the building is the 1869 Ordnance Survey 25-inch (Illus 2), which shows the farmhouse at the southern side of a courtyard enclosed by other farm buildings the dating of these relative to the house is not clear. The steps on the south side and the small porch on the west are visible, as is the north western extension (described in 3.2.4 below). There is no further change visible until the 1925 Ordnance Survey 25-inch map (Illus 3), by which time the eastern extension can be seen. The arrangement of buildings on the eastern side of the courtyard has also been modified.

3.2 Photographic Survey

- Walton Farmhouse is a rectangular, two-storey, three-bay rectangular house with its principal elevation orientated to the south. The axis of the building runs east-west. The building measures 12.3x5.8m. The building is of plain red ashlar (granite) construction with no visible decoration or embellishment. It has been extended to the north and east and forms part of a complex of farm buildings surrounding an open courtyard (Photo 25). A small garden is situated south of the house (Photos 13, 90 and 107) and the west is bounded by a row of tall trees (Photos 8-10) separating the farm from a large arable field. A complex of farm buildings, Macrobert Farm, is located in the area to the north of Walton Farmhouse (Photo 30, 31). The farm buildings, together with those on the north and eastern side of the courtyard associated with Walton Farmhouse have been assigned letters A-L for ease of identification and description, and will be discussed below. The Agronomy building (Photos 62, 63 and 102) is located to the west. The entire complex is bounded by arable fields to the north (Photo 32, 33), east (Photo 58) and west (Photo 47-53, 108) and a small field to the south (Photo 59). The access road to the farm is located to the south (Photo 60, 109). A mature hedgerow screens the farmhouse from view from the A96 (Photo 110).
- 3.2.2 The south elevation (Photos 1-5) remains entirely unobscured by later building or planting. There are two windows and a door at ground floor level and three windows on the first floor; these are arranged into three irregularly spaced bays. The windows are of four-pane sash-and-case with plain ashlar lintels. The doorway (Photo 6) is reached by way of four large granite steps, and is flanked by two iron hooks, most likely used to hold hanging baskets. The door itself does not appear to be original. The pitched slate roof

has had two small skylights inserted.

- 3.2.3 The west gable (Photos 7-8) has no features of architectural interest other than a substantial two-pot chimney and flat coping. Some parts have been re-pointed, particularly on the northern side at ground-floor level. This may be related to the removal of the small external structure visible on historic mapping (see 3.1.2).
- 3.2.4 The north elevation (Photos 21-22, 88) is only partially visible due to two, later, stone extensions projecting to the north. Only two windows are visible on this elevation (Photo 22); one small four-pane sash-and-case which may have been modified, and a small single-pane window at first-floor level which has concrete lintels and looks to be a later insertion. Two large skylights and a two-pane dormer have been inserted into the roof. The eastern extension (Photos 19, 20 and 26) is one storey with attic with pitched roof and of similar construction to the main house although with more randomly sized stonework. It measures approximately 6.6x4m. A plague on its east elevation commemorates the donation of the farm to the North of Scotland College of Agriculture in 1965 (Photo 28). A lower single-storey extension (Photos 23-24) has been built in line with the west side of the house and joins it to the range of farm buildings that make up the western side of the courtyard (Building G). This building measures 4.7x9.45m, and is of similar construction to the eastern extension. It is unclear whether there is an internal link between this building and the farmhouse. A low porch (Photo 22) with door and single-paned window and a corrugated steel roof is located between the two extensions. A raised concrete structure, most likely a water tank has been added to the western side (Photo 12).
- 3.2.5 The east elevation (Photos 13-15, 18) features a single-pane window at ground-floor level. There do not appear to have been any changes to the masonry here, suggesting that an original sash-and-case has been replaced. The coping and chimneys mirror those on the west elevation. A low garage (Photos 17-19, 61 100-101) extends to the east on the northern side of this elevation. It is constructed of breezeblocks with a corrugated steel roof and measures 9.7x4m. It has been rendered on the eastern and northern elevations and appears to have a blocked in window on the southern elevation.
- 3.2.6 Building G is the largest building in the complex. It is sub-rectangular, with an extension on the south-western side, which is keyed into the western extension to Walton Farmhouse (Photo 99). Its south-western extension is depicted on the 1869 Ordnance Survey map and its northern buildings make up the eastern and northern side of the courtyard respectively. The south-western arm of Building G is of similar construction to the eastern and western extensions, one storey high and constructed from granite blocks (Photos 97-98).
- 3.2.7 The central part of Building G is in use as a cow shed. It has a corrugated steel roof and is rendered on the southern (Photo 89) and eastern elevation (Photo 71). Its northern elevation (Photo 57) comprises a partially rendered and corrugated steel wall. The eastern (Photos 65 and 66) and western walls are also rendered (Photo 94-96). A silo is located to the east of the building (Photo 103), thus obscuring the northern elevation of

- the southern buildings associated with Building G. The building also encompasses Building I which is depicted on the 1869 Ordnance Survey map (Illus 3).
- 3.2.8 Building J is also depicted on the 1869 Ordnance Survey map. It (Photo 85) makes up the eastern side of the courtyard. It is a single storey building constructed from gneiss and granite blocks. A recess (86 and 97) is present in the central area of the western elevation. Modifications to the building are apparent on the southern elevation (Photo 80), where there is a blocked in doorway (Photos 83 and 84) and extension, coated in render, on the eastern side. The extension to the structure is open on the eastern side (Photos 76, 78 and 79) and its corrugated roof, abuts Building I on its southern side. The interior southern elevation shows that the building has been heavily modified (Photo 74).
- 3.2.9 Building I is constructed from gneiss and sandstone blocks. It is abutted by the extension to Building J on the south side (Photo 82) and incorporated into Building G. It is possible that it may originally have been two storeys high as an original doorway has been blocked in with horizontal wooden slats, and a fan installed (Photo 72) on its eastern elevation. A wide blocked in doorway is also apparent on its southern elevation (Photo 73).
- 3.2.10 A weighbridge and associated building is located in the area to the east of Building J (Photos 75 and 81).
- 3.2.11 Building E is located to the north of Building G (Photos 56, 68 and 54). It is currently used for storage and is open on the eastern side.
- 3.2.12 Building H is located to the east of Building G (Photo 93). It appears to be relatively modern (Photos 67, 69 and 70) and is constructed from corrugated steel. Five cells (Photo 45, 91 and 92) are located directly to the north of Building H. They are open on the western side and currently used for storage of tyres and farm machinery.
- 3.2.13 Several farm buildings are located in the area to the north of site (Photo 64). These include Buildings A-D. Building A is used to house hay bales and farm machinery and is open on the northern side (Photo 35). The southern wall is constructed from horizontally arranged wooden planks (Photo 43). Building B is a rectangular metal clad storage shed (Photo 34). A corrugated structure, Building C, partially open on the east side was located directly to the west of Building A (Photo 36 and 37). Rendered buildings with garage doors (Photo 38-40) also form part of Building C.
- 3.2.14 Building B is located at the southern end of Building C and is constructed from corrugated steel (Photo 41). The field to the west of the buildings is accessed between Buildings D and E (Photo 55).
- 3.2.15 Building F is located directly behind Building A. The walls of the structure are part render

and corrugated steel (Photo 42). The building is open on the north and south sides. The building currently houses combine harvesters (Photo 44).

3.2.16 Buildings K and L are essentially the same building, but given separate letters in order to aid description. They are located in the area to the south-east of Walton Farmhouse. They are constructed from granite blocks, had double doors on the east elevation (Photo 104) and three sets of windows on the southern elevation (Photo 105). The entrance to Building L was on the eastern side (Photo 106).

4 Conclusions

4.1.1 Walton Farmhouse was constructed in the late 18th century and has been extended and modified a number of times since. Some of the modifications to glazing may have been relatively recent, others as a response to the construction of extensions to the north. The building appears to be in good condition externally and is still in active use as part of the Agricultural College.

5 References

5.1 Bibliographic Sources

Aberdeen City Council 2012: Invitation to Tender for the non-Invasive Archaeological Investigations for the Aberdeen Western Peripheral Route (AWPR Package)

English Heritage 2006 Understanding Historic Buildings: A guide to good recording practice

Headland Archaeology 2012 Written Scheme of Investigation – A96(T) Dyce Drive Park & Choose and Link Road (Dyce)

5.2 Digital Sources

RCAHMS Site Record for Aberdeen, Walton Farm, accessed 19th December 2012 http://canmore.rcahms.gov.uk/en/site/149953/details/aberdeen+walton+farm/

Historic Scotland Data Website - Listed Buildings: WALTON FARMHOUSE (MACROBERT EXPERIMENTAL FARM), accessed 19th December 2012 http://data.historic-scotland.gov.uk/pls/htmldb/f?p=2200:15:0::::BUILDING:17433

5.3 Cartographic Sources

Ordnance Survey 1869 Aberdeen Sheet LXV.16, 25 inch to the mile

Ordnance Survey 1925 Aberdeen Sheet 065.16, 25 inch to the mile

6 Appendices

6.1 Appendix 1: Photographic Register

The photo number refers to both black-and-white print and digital photos.

Photo		
No	Direction	Description
1	north	South elevation
2	north	
	north	South elevation, eastern side
3	north east-north-	South elevation, western side
4	east-north-	Oblique view of south elevation
-	west-north-	
5	west	Oblique view of south elevation
6	north	Detail of doorway on south elevation
7	north-east	Oblique view of west elevation
8	east	West elevation
9	north-east	General view from south-west, Walton Farmhouse is somewhat obscured by trees
40		General view from north-west, Walton Farmhouse is somewhat obscured by trees. Roof of Walton Farmhouse visible behind the
10	south-east	trees in the centre of the photograph.
11	south-south- east	Oblique view of west elevation
11	north-north-	Oblique view of west elevation
12	east	Oblique view of west elevation
13	north-west	General view from south-east
14	west	East elevation
15	north-west	Detail of east elevation, garage and eastern outbuilding
16	north-west	Detail of east chimney
17	north	South elevation of garage
18	west	East elevation of house, garage and outbuildings
19	south-west	General view from north-east
20	west-south- west	General view from east-north-east
21	south	North elevation
22	south	North elevation
23	south-west	General view from north
24	west	East elevation of western outbuilding
25	north-west	General view of farm buildings to north of house
26	south-east	Detail of north elevation and eastern outbuilding
27	south-east	General view of north elevation, eastern outbuilding and garage
28	west	Detail of plaque on eastern wall of eastern outbuilding
29	south-west	Detail of roof of house and eastern outbuilding

Photo No	Direction	Description
30	south	Building A and B from north
31	south-east	Building A and area to south-east
32	south	Buildings from field to north
33	south-west	Buildings from field to north-east
34	west	Elevation of Building B
35	south	North elevation Building A
36	south	Area between Buildings A and C,
37	south-west	Storage sheds, Building C
38	south-west	Building C southern end
39	south-west	Building C doors-detail
40	north-west	Area between Buildings A and C
41	west	Building D- eastern elevation
42	east	West elevation- Combine Harvester shed, Building F
43	north	South elevation Building A
44	south	Interior Building F
45	east	Eastern area of site from area between Buildings A and F
46	east	View of south elevations of Buildings B, C, D and E from field to NW
	ouot	View of southern group of Buildings (J and G) from field to north-
47	south-east	west
48	south-east	Detail of southern group of buildings
49	east	Buildings D, E and G from field to NW
50	east	West elevation of Building E
51	west	General view of site
		General view of farmhouse and complex from the south-western
52	north-east	corner of western field
53	north-east	General view of farmhouse complex
54	south	Buildings E and G- west side
55	west	View between Buildings D and E towards fields
56	west	Building E- east elevation
57	south	Building G- Cattle Byre from N
58	north-west	Farm complex from south-western field
59	north	Walton farmhouse from road to south
60	north-west	Entrance to Farm from road to south
61	south-west	Garage and corner of Building J
		Site entrance, with Agronomy department on left side of
62	south	photograph
63	south-east	Agronomy department
64	north	General view of northern area of site
65	west	Building G- east elevation (1 of 2)
66	west	Building G- east elevation (2 of 2)
67	east	Building H- west elevation
68	west	Buildings G and E from east
69	north	South elevation of Building H (1 of 2)- west side
70	north	South elevation of Building H (2 of 2)- east side
71	west	Buildings G and I, east elevation
72	west	Building I, east elevation
73	north	Building I- south elevation

Photo No	Direction	Description
74	north	Building J- Keyed into Building I- South elevation
75	east	Weighbridge and building
76	west	Building J from banking
77	south-west	Walton farmhouse from banking to E- tree line
78	south-west	Walton farmhouse from banking to E- tree line
79	north-west	Buildings I, J and H
80	north-west	Building J- South elevation
81	north	General view of northern area of site
82	north-west	Building J- East elevation
83	north	Building J- south elevation, blocked in doorway
84	north	Building J- roof detail
85	north-east	Building J- west elevation
86	east	Building J- detail of recess, west elevation
87	east	Building J- west elevation
88	south	North elevation of farmhouse
89	north	Building G- south elevation
90	south	General shot of garden
91	north-east	General shot of storage area
92	east	General shot of storage area
93	south	Southern area of site
94	east	western elevation, Building G
95	east	western elevation, Building E (1 of 2)
96	east	western elevation Building E (2 of 2)
97	west	Building to north of western extension (1 of 2), northern part detail
98	west	Building to north of western extension (2 of 2), southern part detail
99	south-west	Western extension
100	south	Garage north elevation (1 of 2)
101	south	Garage north elevation (2 of 2)
102	south-west	Agronomy department
103	south	Silo to east of Building G
104	west	Building K, east elevation
105	north-east	Building K, south elevation
106	west	Building L, west elevation
107	north	Walton farmhouse from south
108	north-east	Site from road to south-west
109	east	Access road to south
110	north-east	General site shot to north of south-bound A96

6.2 Appendix 2: Illustrations & Photographic Record