

## **CFA Archaeology Ltd**

### **Residential Development at Carron Den, Stonehaven (REF KM/APP/2007/4949)**

#### **Archaeological Evaluation**

##### **Written Scheme of Investigation**

**07 July 2014**

#### **1. Introduction**

- 1.1 This Written Scheme of Investigation (WSI) has been produced by CFA Archaeology Ltd on behalf Stewart Milne Homes Ltd. It is based upon the requirement for the evaluation of the aforementioned site (see attached map) as described by the Aberdeenshire Council Archaeological Service following the guidance in SPP, PAN 2/2011 and SHEP.
- 1.2 Work will be conducted with regard to the Institute for Archaeologists Standards and Code of Conduct. Recording of all elements will be done following established CFA methods.

#### **2. Aims and Objectives**

- 2.1 The objectives of the project are to establish the presence/absence, extent, condition, character, quality and date of any archaeological features or deposits within the proposed development area; to establish their vulnerability to the proposed development; and to propose mitigation measures.

#### **3. Planning Issues**

- 3.1 This WSI is for an archaeological evaluation: the first phase of what may be a multiphase response to the archaeological implications of developing this site. The evaluation is used to identify the presence/absence, character and quality of any archaeologically sensitive deposits that may lie within the proposed development area. If features of archaeological significance are found within the development area then further excavation may be required.
- 3.2 Any further excavation will require to be supported by reasonable post-excavation funds for the production of a report and the analysis of any artefactual/environmental remains recovered. It is probable that the Council will wish to see that the client has made some provision for this.

#### **4. Archaeological Methods**

##### **4.1 Evaluation**

- 4.1.1 The evaluation will initially cover 7% (c.5460m<sup>2</sup>) of the site that is available for evaluation (7.8ha). This may be extended to 10% (7800m<sup>2</sup>) but only if complex archaeological remains that cannot be understood by the 7% sample are uncovered. The evaluation will be undertaken by means of a distributed trial trenching strategy whilst avoiding on site obstructions.

- 4.1.2 The trenches will be excavated by machine under direct archaeological supervision to remove topsoil and modern deposits down to subsoil or the first significant archaeological horizon, whichever is reached first. Any further excavation required to fulfil the objectives of the evaluation will be carried out by hand.
- 4.1.3 Samples of any features of archaeological interest will be excavated in order to establish their likely date, nature, extent and condition. All such sample excavation will be conducted by hand. The samples will be limited to remove only such deposits as necessary to achieve the evaluation objectives.
- 4.1.4 All excavation and on-site recording will be carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms. The stratification will be recorded even if no deposits of archaeological significance are discovered.
- 4.1.5 The trenches will be backfilled on completion of excavation. The location of the trenches will be recorded using industry standard surveying equipment.
- 4.1.6 If human remains are encountered they will be left *in situ* and the local police and the council archaeologist will be informed. If removal is required this will take place in compliance with Historic Scotland's Policy Paper *The Treatment of Human Remains in Archaeology*.

## **5. Reporting**

- 5.1 The Products of the project will comprise:
- An illustrated report, describing the results of the evaluation will be produced. The report will include all elements normally required by the Aberdeenshire Council Archaeologist.
  - A Costed Assessment for post-excavation and publication (as appropriate), should no further work be required.
  - A summary report for *Discovery and Excavation in Scotland*.
  - The project will be reported using the online OASIS protocol.
- 5.2 The report will be produced within two weeks of the completion of on-site works.
- 5.3 The project archive, comprising all CFA record sheets, plans and reports, will be deposited with the National Monuments Record of Scotland within twelve months of completion of fieldwork and any relevant post-excavation analyses. Finds will be subject to the Scots laws of Treasure Trove and Bona Vacantia, and will be reported to the Crown Agent for disposal. Appropriate conservation of finds will be conducted before disposal.
- 5.4 A digital copy of the full report with plans and DES entry on CD - in PDF and doc formats will be supplied to the Aberdeenshire Council Archaeology Service. The inclusion of photographs, plans and illustrations will fall within

the current guidelines for archival standards set by the Archaeology Data Service and RCAHMS. A full copy of all digital photographs and digital data, where available, will be produced and presented on CD in archive stable format.

## **6. Mitigation**

- 6.1 This section outlines possible mitigation measures that may be required as a result of the evaluation. The client should be aware that any or all of these responses may be required.
- 6.2 If no or limited remains of archaeological interest are identified during the evaluation then CFA can recommend that no further work in mitigation will be required prior to redevelopment. However, the final decision regarding mitigation is with the Aberdeenshire Council Archaeologist.
- 6.3 If substantial remains are revealed, further work may be required, and in these cases additional time and resources will be required. Should substantial remains be discovered CFA will make recommendations for mitigation to be discussed between the client and the Aberdeenshire Council Archaeologist.
- 6.4 Mitigation can take several forms depending on the scale and quality of the remains identified. Such measures range from watching briefs to open area excavation of areas prior to any development.
- 6.5 If the *in situ* preservation of archaeological deposits is to be considered as part of any mitigation, engineering advice must be provided regarding the feasibility of such measures on this site. Confirmation of the engineers' views on the feasibility of preservation *in situ* will be required to satisfy the Aberdeenshire Council Archaeologist.
- 6.6 In the event of further work, a programme of post-excavation analysis and reporting will be required. The costs of this are difficult to predict until the investigation has been completed.
- 6.7 Any post-excavation programme may include the results of analysis of artefacts, faunal remains and paleoenvironmental work. CFA would discuss the results of the work within the wider context of the archaeology of this area.
- 6.8 In the event that the results of the investigation are of sufficient significance to merit full publication, we could proceed to this stage subject to the approval of the client and in consultation with the Aberdeenshire Council Archaeologist.

## **7. Resources and Programming**

### **7.1 Project Personnel**

- 7.1.1 **Bruce Glendinning BSc PgDip MifA** will manage this project. Mr Glendinning graduated from the University of Glasgow in 1993 with a BSc in Archaeology. Since then he has worked as a professional archaeologist with

many units throughout Scotland and England. He has extensive experience of managing large-scale archaeological projects in both rural and urban environments. In addition to project management he has acted as a consultant for Morrison Homes, Robertson Residential, Apex Hotels, Wimpey Homes, Persimmon Homes and Stewart Milne Homes amongst many others.

7.1.2 **Field Director** for CFA will be selected from CFA's pool of Project Officers all of whom have appropriate experience. If appointed, CVs for the appropriate staff can be forwarded prior to the start of the project.

7.1.3 CFA's **Graphic's Manager** is Kevin Hicks BA. Mr Hicks has a professional qualification in graphic design as well as archaeological experience dating from 1989, and has worked on research projects since 1992.

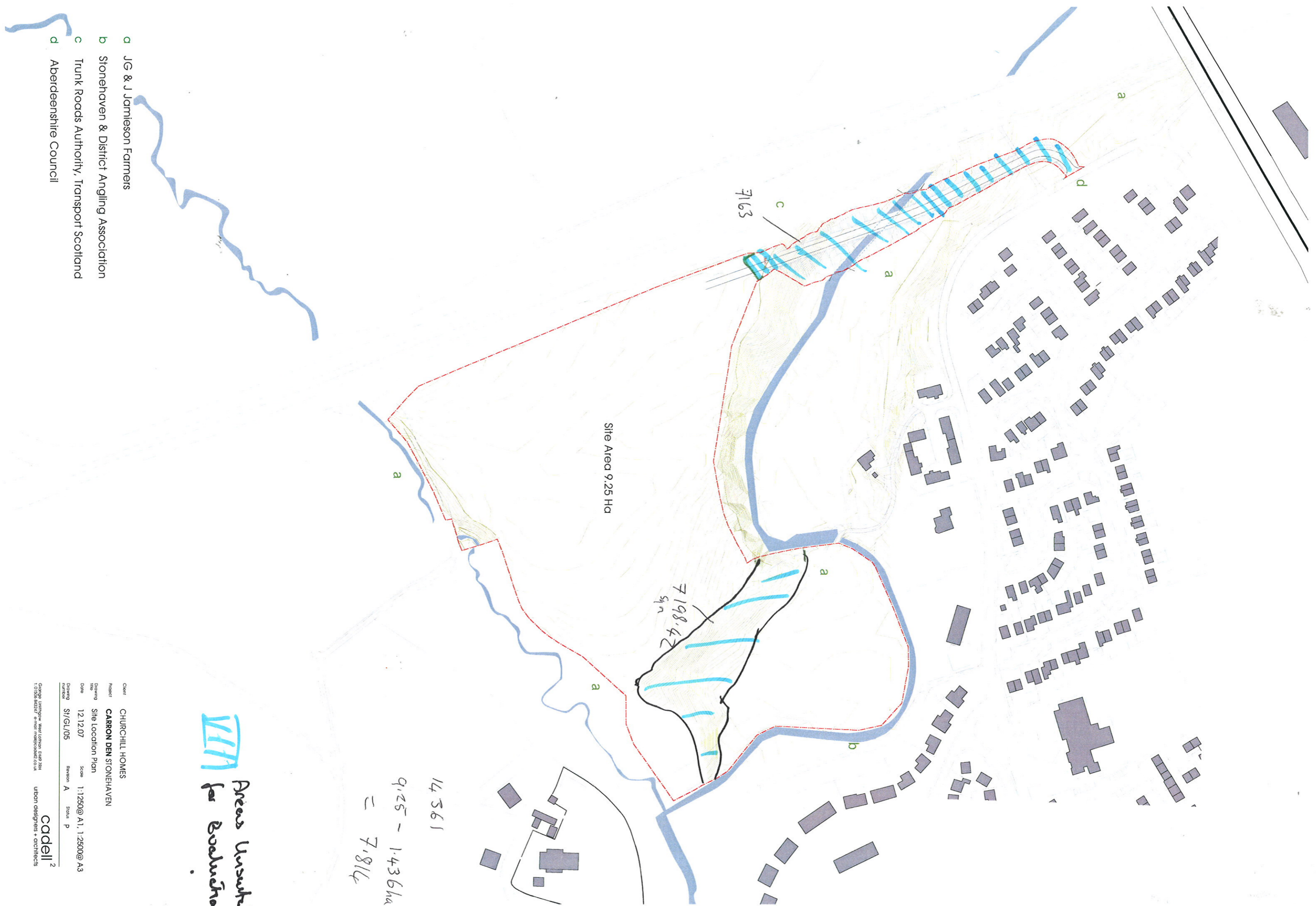
7.1.4 We will be pleased to supply CVs of these staff upon request.

## **7.2 Health and Safety**

7.2.1 All CFA staff have been inducted into CFA's Health and Safety Policy. All work for the project will be subject to Risk Assessment procedures, a copy of which can be provided.

7.2.2 CFA staff are fully conversant with the safety implications of working in close proximity to machine excavation and on construction sites.

7.2.3 A copy of CFA's Health and Safety Policy is available upon request.



Site Area 9.25 Ha

14561  
 9.25 - 1.436ha  
 = 7.814

7198.42  
 sqm

**IVIA**  
 Areas Unsuitable  
 for Evolution.

- a JG & Jamieson Farmers
- b Stonehaven & District Angling Association
- c Trunk Roads Authority, Transport Scotland
- d Aberdeenshire Council

Client CHURCHILL HOMES  
 Project **CARRON DEN STONEHAVEN**  
 Drawing Site Location Plan  
 Date 12.12.07 Scale 1:1250@ A1, 1:2500@ A3  
 Drawing SH/GL/05 Revision A Status P  
 Geocon Ltd, 1000 Market Street, Glasgow G4 0AL  
 T: 01426 84227 F: 01426 84228  
**cadell**<sup>2</sup>  
 urban designers + architects