

Glebe Land Falfield South Gloucestershire

*Written Scheme of Investigation for
an Archaeological Watching Brief*

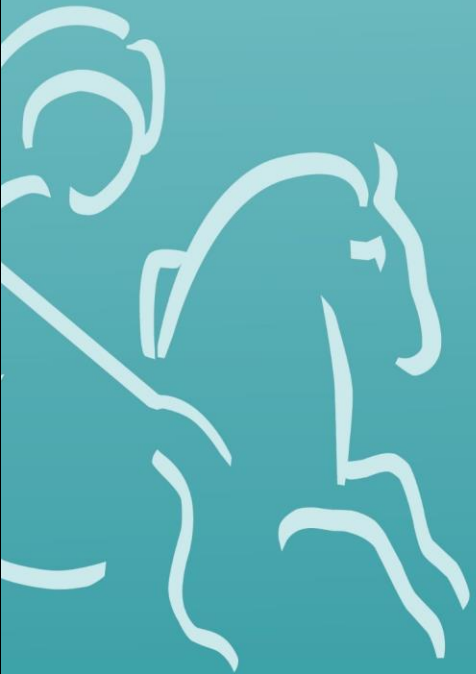


for:
Pegasus Group

on behalf of:
Cotswold Homes Ltd

CA Project: CR1568

November 2023



Glebe Land Falfield South Gloucestershire

*Written Scheme of Investigation for
an Archaeological Watching Brief*

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B	10 November 2023	Louie Parfitt	Christian Day	Revised	Consultant comment	Steven Sheldon

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Cirencester Building 11 Kemble Enterprise Park Kemble Cirencester Gloucestershire GL7 6BQ t. 01285 771 022	Milton Keynes Unit 8, The IO Centre Fingle Drive, Stonebridge Milton Keynes Buckinghamshire MK13 0AT t. 01908 564 660	Andover Stanley House Walworth Road Andover Hampshire SP10 5LH t. 01264 347 630	Suffolk Unit 5, Plot 11 Maitland Road Lion Barn Industrial Estate Needham Market Suffolk IP6 8NZ t. 01449 900 120
e. enquiries@cotswoldarchaeology.co.uk			

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Fig. 1 Site location plan (1:25,000)

Fig. 2 Proposed mitigation area (1:500)

1. INTRODUCTION

- 1.1. This document is a Written Scheme of Investigation (WSI) by Cotswold Archaeology (CA) for an archaeological watching brief to be maintained at Glebe Land, Falfield, South Gloucestershire (centred at NGR: 368323 193417). This WSI has been prepared for Pegasus Group, who are acting on behalf of Cotswold Homes Ltd.
- 1.2. South Gloucestershire Council (SGC) has granted full planning permission for residential development of the site (SGC planning ref: P22/00461/F). Condition 8 of this planning permission requires the implementation of a programme of archaeological work in accordance with an approved WSI.
- 1.3. The scope of this watching brief was defined by Dr Paul Driscoll, Archaeology and Historic Environment Officer, SGC. This WSI will be submitted to Dr Driscoll for review.
- 1.4. This WSI has been guided in its composition by:
 - *Standard and guidance for an archaeological watching brief* (ClfA 2014; updated October 2020); and
 - *Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide* (Historic England 2015).

The site

- 1.5. The development site is approximately 0.86ha in extent. It lies on the western side of the A38 (Bristol Road) on the northern outskirts of Falfield. The site currently comprises a single agricultural field, and is bounded to the north and west by residential development, with further residential properties and to the north and south, and to the east by the A38. The site lies at approximately 30m AOD, and is broadly flat.
- 1.6. The underlying bedrock geology of the site is predominantly mapped as mudstone, with sandstone at its northern extent, both of the Tortworth Beds, which formed in the Silurian Period (BGS 2023). No superficial deposits are recorded (ibid.). The natural geological substrate identified during the course of the preceding archaeological evaluation (CA 2023) consisted of mixed clays and mudstone.

2. ARCHAEOLOGICAL BACKGROUND

- 2.1. The site has previously been subject to Heritage Desk-Based Assessment (PG 2021) and archaeological evaluation (CA 2023) the results of which are summarised below.

Prehistoric and Roman

- 2.2. The earliest recorded evidence of activity in the vicinity of the site is in the form of a chance find in the 1960s of a Neolithic polished flint axehead from a garden in Falfield, c. 200m to the south-west of the site. A scatter of possible Iron Age or Romano-British pottery sherds is recorded c. 900m to the north of the site.
- 2.3. The conjectured route of the Roman road between Sea Mills and Gloucester follows the line of the modern A38, immediately to the east of the site, although this has not been corroborated through excavation.
- 2.4. A possible Roman settlement was recorded c. 900m to the north-east of the site during an excavation associated with the construction of the M5 motorway, in 1970. Finds included the probable remains of a building platform, stone slabs, and sherds of pottery dated to the 1st and 2nd centuries AD. Further finds of Roman pottery have been recorded along the route of the M5, including at Whitfield, c. 900m to the south of the site.

Early medieval and medieval

- 2.5. The site of a possible deserted medieval settlement was recorded during construction of the M5 motorway, c. 300m south-east of the site; the remains were described as 'ploughed out earthworks'.
- 2.6. Early medieval origins are ascribed to Heneage Court, located between 300m and 800m north-east of the site, although recorded fabric and finds have been dated to the 17th century or later. Remains of hollow ways and lynchets have been recorded at Tortworth Court, c. 950m to the east of the site.
- 2.7. Ridge and furrow earthworks are visible on historic aerial photographs and have been identified through evaluation in the vicinity of the site, including in the areas immediately to the north and west. Buried furrows containing sherds of 12th to 13th-century pottery were recorded c. 30m to the north of the site during evaluation trenching undertaken in 2016, along with former field boundaries and isolated undated features.

Post-medieval and modern

- 2.8. The site lay within the agricultural hinterland of nearby settlements in the post-medieval period, with Falfield lying to the south and the post-medieval Heneage Farm between 100m and 250m to the north of the site. A former mill and quarry site is located c. 200m to the south-east of the site and the site of a number of toll houses associated with the turnpike road, now the A38, are located c. 80m to the south and c. 240m to the north-east respectively.
- 2.9. The site itself is depicted as a single agricultural field on the 1839 Tithe Map for the Parish of Thornbury. Its layout remained the same on the 1881 First Edition Ordnance Survey (OS) Map and on subsequent OS mapping, with the exception of a short-lived structure that was erected at the southern boundary of the site around the turn of the 20th century.

Archaeological Evaluation

- 2.10. The evaluation identified a single linear feature of possible medieval date in the central part of the site. The feature lay on a broadly similar alignment to the historic boundaries of the field and a single sherd of abraded pottery, datable to the 11th to early 14th centuries, was recovered from its fill.
- 2.11. Furthermore, two undated pits were located in Trench 4, excavated in the south-western part of the site. A large quantity of charcoal pieces and a fragment of hazelnut were recovered during palaeoenvironmental analysis of a sample taken from the fill of pit 406 that was partially exposed towards the eastern end of the trench. The material is likely representative of a deposit of hearth waste, possibly associated with domestic or other activity in the vicinity of the site. The area around these two pits forms the mitigation area covered by the current watching brief.

3. AIMS AND OBJECTIVES

- 3.1. The general objectives of the watching brief are:
- to monitor the development groundworks, and to identify, investigate and record any significant buried archaeological deposits/features thus revealed;
 - at the conclusion of the project, to produce a report setting out the watching brief results and the archaeological conclusions that can be drawn from the recorded data;

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- at the conclusion of the project, to compile a stable, ordered, accessible project archive (see Section 5).
- 3.2. The specific objective of the watching brief is to investigate any further remains exposed during groundworks within an area of the site where the two undated pits were recorded during the preceding evaluation (see *Archaeological Background* above).
- 3.3. If significant archaeological remains are identified, the watching brief report will make reference to the *South West Archaeological Research Framework* (SWARF; Grove and Croft 2012) so that the remains can, if possible, be placed within their local and regional contexts.

4. METHODOLOGY

- 4.1. The watching brief will comprise the observation by a competent archaeologist of all intrusive groundworks associated with the proposed development within the defined mitigation area, which measures 20m in length and 15m in width (see Fig. 2 for location and extent). These works are currently anticipated to comprise the machine excavation of foundation and service trenches.
- 4.2. The area covered by archaeological monitoring may be extended should archaeological remains be identified which extend beyond the limits of the defined mitigation area, in consultation with Pegasus Group and Paul Driscoll.
- 4.3. Non-archaeologically significant deposits will be removed by the groundworks contractors under archaeological supervision. Where practical, mechanical excavators will be fitted with toothless grading buckets, although toothed buckets and breakers may be used, with the express consent of the attending archaeologist, if necessary to remove difficult deposits.
- 4.4. If archaeological features/deposits are exposed, then construction groundworks in the affected area(s) will be temporarily halted so that the monitoring archaeologist is given sufficient time to investigate and record those features to an appropriate standard.
- 4.5. Any archaeological features present will be investigated, planned and recorded in accordance with *CA Technical Manual 1: Fieldwork Recording Manual*. Records will be entered directly into the CA Digital Recording System (DRS) and/or onto pro-forma

site recording sheets. Hand-drawn sections of excavated archaeological features will be prepared (scale 1:10 or 1:20, as appropriate). Features/deposits will be recorded in plan using Leica GPS or Total Station (as appropriate), in accordance with *CA Technical Manual 4: Survey Manual*. Photographs (digital colour) will be taken as appropriate.

- 4.6. In the event of archaeological deposits being found for which the resources allocated are not sufficient to support excavation and recording to a proportionate standard, or which are of sufficient significance to merit an alternative approach (such as contingency excavation), Pegasus Group and Paul Driscoll will be contacted immediately. Destructive work in the affected area(s) will cease until agreement has been reached on an appropriate archaeological response.

Artefacts

- 4.7. Artefacts will be recovered and retained for processing and analysis in accordance with *CA Technical Manual 3: Treatment of Finds Immediately after Excavation*. Artefacts will be collected and bagged by context. Artefacts from topsoil, subsoil and unstratified contexts will normally be noted but not retained unless they are of intrinsic interest. All artefacts from stratified excavated contexts will be collected, except for large assemblages of post-medieval or modern material. Such material may be noted and not retained or, if appropriate, a representative sample may be collected and retained.

Environmental remains

- 4.8. The selection, collection and processing of environmental samples will follow the guidelines outlined in *Environmental Archaeology: A guide to the Theory and Practice of Methods, from Sampling and Recovery to Post-excavation* (English Heritage 2011) and *CA Technical Manual 2: The Taking and Processing of Environmental and Other Samples from Archaeological Sites*.
- 4.9. Due care will be taken to identify deposits which may have environmental potential and, where appropriate, a programme of environmental sampling will be initiated. The sampling strategy will be adapted for the specific circumstances of the site, in close consultation with the CA Environmental Officer, Pegasus Group and Paul Driscoll, but will follow the general selection parameters set out in the following paragraphs.
- 4.10. Secure, phased deposits, especially those related to settlement activity and/or structures, will be considered for sampling for the recovery of charred plant remains,

charcoal and mineralised remains. Any cremation-related deposits (where excavated; see *Human remains*, below) will be sampled appropriately for the recovery of cremated human bone and charred remains. If any evidence of *in situ* metal working is found, suitable samples will be taken for the recovery of slag and hammerscale.

- 4.11. Where sealed waterlogged deposits are encountered, samples will be considered for the recovery of waterlogged remains (including insects, molluscs and pollen) and any charred remains. The taking of sequences of samples for the recovery of molluscs and/or waterlogged remains will be considered through any suitable deposits, such as deep enclosure ditches, barrow ditches, palaeochannels, or buried soils. Monolith samples may also be taken from suitable deposits as appropriate to allow soil and sediment description/interpretation, as well as sub-sampling for pollen and other micro/macrofossils such as diatoms, foraminifera and ostracods.
- 4.12. The need for more specialist samples (such as OSL, archaeomagnetic dating and dendrochronology) will be evaluated on site. If required, any such samples will be taken in consultation with the relevant specialists.
- 4.13. Sample processing will be carried out in conjunction with the relevant specialists. Flotation or wet sieve samples will be processed to 0.25mm. More specialist samples, such as those for pollen, will be prepared by the relevant specialists.

Treasure

- 4.14. Upon discovery of treasure, CA will notify Pegasus Group and Paul Driscoll immediately. CA will comply fully with the provisions of the Treasure Act 1996 and the Code of Practice referred to therein. Findings will be reported to the Coroner within 14 days.

Human remains

- 4.15. Any human remains (skeletal or cremated) will be treated with due decency and respect at all times. Where human remains are encountered, these will not be excavated unless their disturbance by the development is unavoidable. In cases where disturbance is unavoidable, or where full exhumation of the remains is deemed necessary, exhumation will be conducted following the provisions of the Coroner's Unit in the Ministry of Justice. All excavation of human remains and associated post-excavation processes will be in accordance with the standards set out in *Updated Guidelines to the Standards for Recording Human Remains* (ClfA 2017), *The Role of*

the Human Osteologist in an Archaeological Fieldwork Project (Historic England 2018) and *Guidance for Best Practice for the Treatment of Human Remains Excavated from Christian Burial Grounds in England* (Advisory Panel on the Archaeology of Burials in England 2017).

5. POST-EXCAVATION, REPORTING AND ARCHIVING

Reporting

5.1. An illustrated typescript report will be compiled on the watching brief results. This report will include:

- an abstract preceding the main body of the report, containing the essential elements of the results;
- a summary of the project background;
- a description and illustration of the site location;
- a methodology of the works undertaken;
- integration of, or cross-reference to, appropriate cartographic and documentary evidence and the results of other research undertaken, where relevant to the interpretation of the watching brief results;
- a description of the watching brief results;
- an interpretation of the watching brief results, including a consideration of the results within their wider local/regional context;
- a site location plan at an appropriate scale on an Ordnance Survey (or equivalent) base-map;
- a plan showing the locations of the monitored areas in relation to the site boundaries;
- plans of each monitored area, or part of monitored area, in which archaeological features were recorded. These plans will be at an appropriate scale to allow the nature of the features to be shown and understood. Plans will show orientation in relation to north. Section drawing locations will also be shown on these plans. Archaeologically sterile areas will not normally be illustrated;
- appropriate section drawings of archaeological features. These drawings will include OD heights and will be at scales appropriate to the stratigraphic detail being represented. Drawings will show orientation in relation to north/south/east/west;

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- photographs showing significant archaeological features and deposits that are referred to in the text. All photographs will contain appropriate scales, the size of which will be noted in the photograph captions;
 - summary tables of the recorded contexts and recovered artefacts;
 - a summary of the contents of the project archive and details of its location
 - specialist assessment or analysis reports (where undertaken). Specialist artefact and palaeoenvironmental assessments will take into account the wider local/regional contexts and will include:
 - specialist aims and objectives;
 - processing methodologies (where relevant);
 - any known biases in recovery, or problems of contamination/residuality;
 - quantities of material; types of material present; distribution of material;
 - for environmental material, a statement on abundance, diversity and preservation;
 - a summary and discussion of the results, to include significance in a local and regional context.

5.2. The draft watching brief report will be distributed to Pegasus Group and Paul Driscoll for review prior to finalisation. All copies of the report (draft and final) will be issued in pdf format and will be issued to the South Gloucestershire Historic Environment Record (HER), along with any shapefiles containing location data for the areas investigated, if required.

Academic and public dissemination

5.3. It is anticipated that a short note on the watching brief results will be produced for inclusion within an appropriate local archaeological journal.

5.4. Subject to any contractual constraints, a summary of information from the project will be entered onto the OASIS online database of archaeological projects in Britain. This will include a digital (pdf) copy of the final report, which will also appear on the Archaeology Data Service (ADS) website once the OASIS record has been verified.

5.5. A digital (pdf) copy of the final report will also be made available for public viewing via CA's *Archaeological Reports Online* web page (<http://reports.cotswoldarchaeology.co.uk>).

Archive deposition

- 5.6. An ordered, indexed, and internally consistent site archive will be prepared in accordance with the relevant recipient museum guidelines. The archive will also be prepared in accordance with:
- *Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives* (ClfA 2014; updated October 2020);
 - *Archaeological Archives: A Guide to Best Practice in Creation, Compilation, Transfer and Curation* (Archaeological Archives Forum 2011);
 - *Standard and Guide to Best Practice for Archaeological Archiving in Europe: EAC Guidelines 1* (Europae Archaeologia Consilium 2019); and
 - *Toolkit for Selecting Archaeological Archives* (ClfA/Historic England 2019; updated March 2022).
- 5.7. All artefacts and environmental samples will be processed, assessed, conserved and packaged in accordance with CA technical manuals and Bristol's Museums, Galleries and Archives guidelines.
- 5.8. Depending on the nature and scope of any subsequent programme of archaeological works at the site (if applicable), the watching brief archive may be combined with that for any subsequent works and deposited as a single archive. Confirmation of this will be included in any forthcoming WSI.
- 5.9. CA will make arrangements with Bristol's Museums, Galleries and Archives for the deposition of the site archive and, subject to agreement with the legal landowner(s), the artefact collection.

Selection strategy

- 5.10. As noted in para. 4.7, artefacts from topsoil, subsoil and unstratified contexts will normally be noted but not retained unless they are of intrinsic interest. All artefacts from stratified excavated contexts will be collected, except for large assemblages of post-medieval or modern material. Such material may be noted and not retained or, if appropriate, a representative sample may be collected and retained.
- 5.11. The site-selected material archive returned to the CA offices will be reviewed following analysis. Stakeholders will make selection decisions based on CA Finds Manager/Officer reports and selection recommendations. The selection will take place during archive compilation. After discussion with the relevant museum Curator

and the CA Finds Managers/Officers, it is possible that no material post-dating AD 1800 will be retained for inclusion in the preserved archive.

Data management

- 5.12. All born-digital and digitally-transferred project data created during fieldwork and post-excavation (other than duplicated files) will be stored by CA. Upon project completion and deposition, the data will be transferred to a secure external server. Data will be selected for inclusion in the final digital archive, as detailed below. It is proposed that data selection will occur following completion of post-excavation work.
- 5.13. Selected digital files will be transferred to Bristol's Museums, Galleries and Archives with the documentary and material archive, in line with the relevant guidance and standards for both organisations. In adherence to CA's *Guidelines for essential archive tasks and the preparation of archives*, it is proposed that the selected files will include final versions only. Digital photographs will be selected for inclusion in the archive in line with CA's *Guidelines for essential archive tasks and the preparation of archives* and *Digital Image Capture and File Storage: Guidelines for Best Practice* (Historic England 2015). Data produced by external specialists or sub-contractors will be granted under license to CA to allow inclusion in the digital archive as required.

6. PROJECT STAFF

- 6.1. This project will be under the management of Richard Young, MCIfA, Principal Fieldwork Manager, and Christian Day, Management Assistant, PCIfA, CA. The Principal Fieldwork Manager and/or Management Assistant will direct the overall conduct of the watching brief during the period of fieldwork. Day-to-day responsibility will, however, rest with the Project Leader, who will be on-site throughout the project.
- 6.2. The field team will consist of a Project Leader, supplemented by additional Archaeologists as necessary.
- 6.3. Specialists who may be invited to advise and report on specific aspects of the project as necessary are:
- **Ceramics:** Ed McSloy BA (Hons) MCIfA (CA), Grace Jones BA MA PhD MCIfA (CA), Alejandra Gutierrez BA (Hons) PhD MCIfA (CA), Stephen Benfield BA (CA), Jacky Sommerville BSc MA PCIfA (CA), Peter Banks LLB LLM PCIfA (CA) and Alistair Barclay BSc PhD FSA MCIfA (CA)

- **Metalwork:** Ed McSloy MCIfA (CA), Grace Jones BA MA PhD MCIfA (CA)
- **Flint:** Jacky Sommerville PCIfA (CA) and Pippa Bradley BA MPhil Dip Post-Ex MCIfA (CA)
- **Animal bone:** Andy Clarke BA ACIfA (Hons) MA (CA) and Matilda Holmes PhD BSc MSc ACIfA (freelance)
- **Human bone:** Sharon Clough BA MSc MCIfA (CA)
- **Environmental remains:** Sarah Wyles MCIfA (CA)
- **Conservation:** Pieta Greeves BSc MSc ACR (Drakon Heritage and Conservation)
- **Geoarchaeology:** Keith Wilkinson PhD (ARCA), Agata Kowalska BA, MA MSc ACIfA (CA)
- **Building recording:** Peter Davenport MCIfA FSA (freelance)

6.4. Depending on the nature of the deposits and artefacts encountered, it may be necessary to consult other specialists not listed here. A full list of specialists currently used by CA is given as Appendix A.

7. HEALTH, SAFETY AND ENVIRONMENT

7.1. CA will conduct all works in accordance with the Health and Safety at Work Act 1974 and all subsequent health and safety legislation, as well as the CA Health and Safety and Environmental policies and the CA Safety, Health and Environmental Management System (SHE). Any client/developer/Principal Contractor policies and/or procedures will also be followed. A site-specific Construction Phase Plan (form SHE 017) will be formulated prior to commencement of fieldwork.

8. INSURANCES

8.1. CA holds Public Liability Insurance to a limit of £15,000,000 and Professional Indemnity Insurance to a limit of £10,000,000.

9. MONITORING

9.1. Notification of the start of site works will be made to Paul Driscoll by Pegasus Group so that there will be opportunities to visit the site and check on the quality and progress of the work.

10. QUALITY ASSURANCE

- 10.1. CA is a Registered Organisation (RO) with the Chartered Institute for Archaeologists (RO Ref. No. 8). As a RO, CA endorses the Code of Conduct (CIfA 2019) and the *Standard and guidance for commissioning work or providing consultancy advice on archaeology and the historic environment* (CIfA 2014; updated October 2020). All CA Project Managers hold Member status within the CIfA.
- 10.2. CA operates an internal quality assurance system as follows: projects are overseen by a Project Manager, who is responsible for the quality of the project. The Project Manager reports to the Chief Executive, who bears ultimate responsibility for the conduct of all CA operations. Matters of policy and corporate strategy are determined by the Board of Directors and, in cases of dispute, recourse may be made to the Chairman of the Board.

11. PUBLIC ENGAGEMENT, PARTICIPATION AND BENEFIT

- 11.1. It is not anticipated that this watching brief will afford opportunities for public engagement or participation during the course of the fieldwork. However, the watching brief results will be made publicly available on the ADS and CA websites, as set out in Section 5.

12. STAFF TRAINING AND CPD

- 12.1. CA has a fully documented mandatory performance management system for all staff. This system reviews personal performance, identifies areas for improvement, sets targets and ensures the provision of appropriate training within CA's adopted training policy. In addition, CA has developed an award-winning career development programme for its staff. This ensures a consistent and high-quality approach to the development of appropriate skills.
- 12.2. As part of CA's requirement for continuing professional development, all members of staff are required to maintain a personal development plan and an associated log; these are reviewed within the performance management system.

13. REFERENCES

BGS (British Geological Survey) 2023 *BGS Geology Viewer*

<https://www.bgs.ac.uk/map-viewers/bgs-geology-viewer/> Accessed 18
October 2023

Grove, J. and Croft, B. (eds.) 2012 *The Archaeology of South West England: South West Archaeological Research Framework, Resource Assessment and Research Agenda*, Taunton, Somerset Heritage Service

PG (Pegasus Group) 2021 *Land Off Selman Drive, Falfield, South Gloucestershire: Heritage Desk Based Assessment Report No. P21-2988*

CA (Cotswold Archaeology) 2023 *Glebe Land, Falfield, South Gloucestershire: Archaeological Evaluation CA Report: CR1373_1*

APPENDIX A: COTSWOLD ARCHAEOLOGY SPECIALISTS

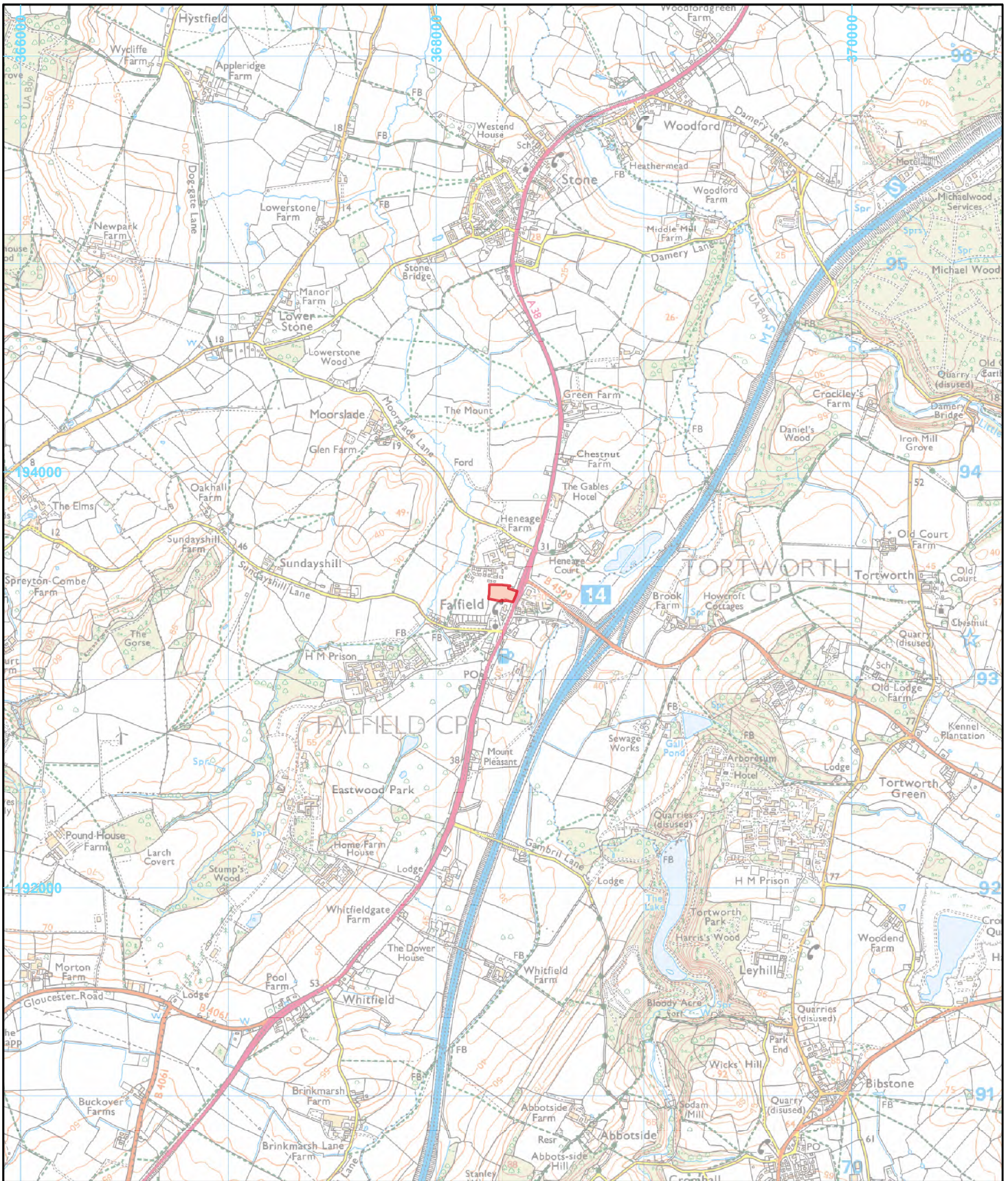
Ceramics

Neolithic/Bronze Age	Ed McSloy BA MCIfA (CA) Alistair Barclay BSc PhD FSA MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Jacky Sommerville BSc MA PCIfA (CA) Elaine Morris BA PhD FSA MCIfA (University of Southampton) Anna Doherty MA (Archaeology South-East) Sarah Percival MA MCIfA (freelance) Steve Benfield BA (CA) Ciar Boyle Gifford BA, MA (CA), Apprentice: Archaeological Specialist Level 7
Iron Age/Roman	Ed McSloy BA MCIfA (CA) Alistair Barclay BSc PhD FSA MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Peter Banks LLB LLM PCIfA (CA) Jacky Sommerville BSc MA PCIfA (CA) Kayt Marter Brown BA MSc MCIfA (freelance) Steve Benfield BA (CA) Claire Collier Jones BA MA (CA) Ciar Boyle Gifford BA, MA (CA), Apprentice: Archaeological Specialist Level 7 Laura Pearson BA, MA, PCIfA (CA), Apprentice: Archaeological Specialist Level 7
(Samian)	Gwladys Montell MA PhD (freelance) Steve Benfield BA (CA)
(Amphorae stamps)	David Williams PhD FSA (freelance)
Anglo-Saxon	Alejandra Gutierrez BA (Hons) PHd MCIfA Alistair Barclay BSc PhD FSA MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Jacky Sommerville BSc MA PCIfA (CA) Paul Blinkhorn BTEch (freelance) Jane Timby BA PhD FSA MCIfA (freelance) Sue Anderson, M Phil, MCIfA, FSA (freelance) Richenda Goffin BA MCIfA (freelance)
Medieval/post-medieval	Alejandra Gutierrez BA (Hons) PhD MCIfA Ed McSloy BA MCIfA (CA) Alistair Barclay BSc PhD FSA MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Jacky Sommerville BSc MA PCIfA (CA) Stephanie Ratkai BA (freelance) Paul Blinkhorn BTEch (freelance) John Allan BA MPhil FSA (freelance) Richenda Goffin BA MCIfA (freelance) Sue Anderson M Phil, MCIfA, FSA (freelance)
South-West	Henrietta Quinnell BA FSA MCIfA (University of Exeter)
Clay tobacco pipe	Marek Lewcun (freelance) Kieron Heard (freelance) Richenda Goffin BA MCIfA (freelance)
Ceramic building material	Ed McSloy MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Peter Banks LLB LLM PCIfA (CA) Claire Collier Jones BA MA (CA) Laura Pearson BA, MA, PCIfA (CA), Apprentice: Archaeological Specialist Level 7 Ciar Boyle Gifford BA, MA (CA), Apprentice: Archaeological Specialist Level 7 Richenda Goffin (Roman painted wall plaster) CBM, BA MCIfA (freelance) Steve Benfield BA (CA) Peter Warry PhD (freelance) Sue Anderson M Phil, MCIfA, FSA (freelance)

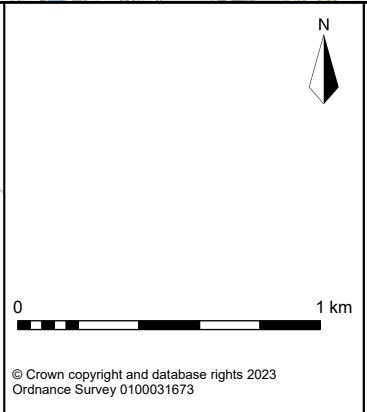
Other finds

Small finds	Ed McSloy BA MCIfA (freelance) Grace Jones BA MA PhD MCIfA (CA) Claire Collier Jones BA MA (CA) Richenda Goffin, (non-metalwork) BA MCIfA (CA) Steve Benfield CA I Riddler PhD (freelance) Alison Sheridan PhD (National Museum of Scotland)
Metal artefacts	Ed McSloy BA MCIfA (CA) Grace Jones BA MA PhD MCIfA (CA) Alex Bliss BA, AlfA (CA) Claire Collier Jones BA MA (CA) Jörn Schuster MA DPhil FSA MCIfA (freelance) Hilary Cool BA PhD FSA (freelance) I Riddler PhD (freelance)
Lithics (Palaeolithic)	Ed McSloy BA MCIfA (CA) Jacky Sommerville BSc MA PCIfA (CA) Pippa Bradley BA MPhil Dip Post-Ex MCIfA (CA) Michael Green (CA) Sarah Bates BA (freelance) Francis Wenban-Smith BA MA PhD (University of Southampton)
Worked stone	Ruth Shaffrey BA PhD MCIfA (freelance) Kevin Hayward FSA BSc MSc PhD PCIfA (freelance)
Inscriptions	Roger Tomlin MA DPhil, FSA (Oxford)
Glass	Ed McSloy MCIfA (CA) Hilary Cool BA PhD FSA (freelance) David Dungworth BA PhD (freelance) Sarah Paynter PhD (Historic England) Rachel Tyson PhD (freelance) Hugh Wilmott PhD (University of Sheffield)
Coins	Ed McSloy BA MCIfA (CA) Alex Bliss (CA) Peter Guest BA PhD FSA (Cardiff University) Richard Reece BSc PhD FSA (freelance) Jude Plouviez (freelance) Andrew Brown PhD (British Museum) Richard Kelleher PhD (Fitzwilliam Museum) Philip de Jersey PhD (Ashmolean Museum)
Leather	Quita Mould MA FSA (freelance)
Textiles	Penelope Walton Rogers FSA Dip Acc. (freelance) Sue Harrington PhD (freelance)
Iron slag/metal technology	Tim Young MA PhD (Cardiff University) David Dungworth BA PhD (freelance) David Starley BSc PhD Lynne Keys (freelance)
Worked wood	Michael Bamforth BSc MCIfA (freelance)
Biological remains	
Animal bone	Clare Randall MCIfA (CA) Matilda Holmes BSc MSc PhD ACIfA (freelance) Andrew Clarke ACIfA CA Julie Curl (freelance)
Human bone	Sharon Clough BA MSc MCIfA (CA) Frankie Wildmun (CA) Sue Anderson M Phil, MCIfA, FSA (freelance)

Environmental sampling	Sarah Wyles BA MCIfA (CA) Sarah Cobain BSc MSc ACIfA (CA) Anna West BSc (CA) Keith Wilkinson BSc PhD MCIfA (ARCA)
Pollen	Michael Grant BSc MSc PhD (University of Southampton) Rob Batchelor BSc MSc PhD MCIfA (QUEST, University of Reading)
Diatoms	Tom Hill BSc PhD CPLHE (Natural History Museum) Nigel Cameron BSc MSc PhD (University College London)
Charred plant remains	Sarah Wyles BA MCIfA (CA) Sarah Cobain BSc MSc ACIfA (CA) Anna West BSc (CA)
Wood/charcoal	Sarah Cobain BSc MSc ACIfA(CA) Dana Challinor MA (freelance) Sheils Bordman (freelance)
Insects	Enid Allison BSc D.Phil (Canterbury Archaeological Trust)
Mollusca	Sarah Wyles BA MCIfA (CA) Keith Wilkinson BSc PhD MCIfA (ARCA)
Ostracods and Foraminifera	John Whittaker BSc PhD (freelance)
Geoarchaeology	Keith Wilkinson BSc PhD MCIfA (ARCA) Agata Kowalska BA MA MSc ACIfA (CA)
Soil micromorphology	Richard Macphail BSc MSc PhD (University College London)
Scientific dating	
Dendrochronology	Robert Howard BA (NTRDL Nottingham)
Radiocarbon dating	Alistair Barclay BSc PhD FSA MCIfA (CA) SUERC (East Kilbride, Scotland) Beta Analytic (Florida, USA)
Bayesian chronological modelling	Derek Hamilton PhD (SUERC) Frances Healey PhD (freelance) Professor John Hines (Cardiff University)
Archaeomagnetic dating	Cathy Batt BSc PhD (University of Bradford)
TL/OSL Dating	Phil Toms BSc PhD (University of Gloucestershire)
Conservation	Karen Barker BSc (freelance) Pieta Greaves BSc MSc ACR (Drakon Heritage and Conservation) Julia Park-Newman (Conservation Services, freelance)



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**Cotswold
Archaeology**

Andover 01264 347630
 Cirencester 01285 771022
 Milton Keynes 01908 564660
 Suffolk 01449 900120

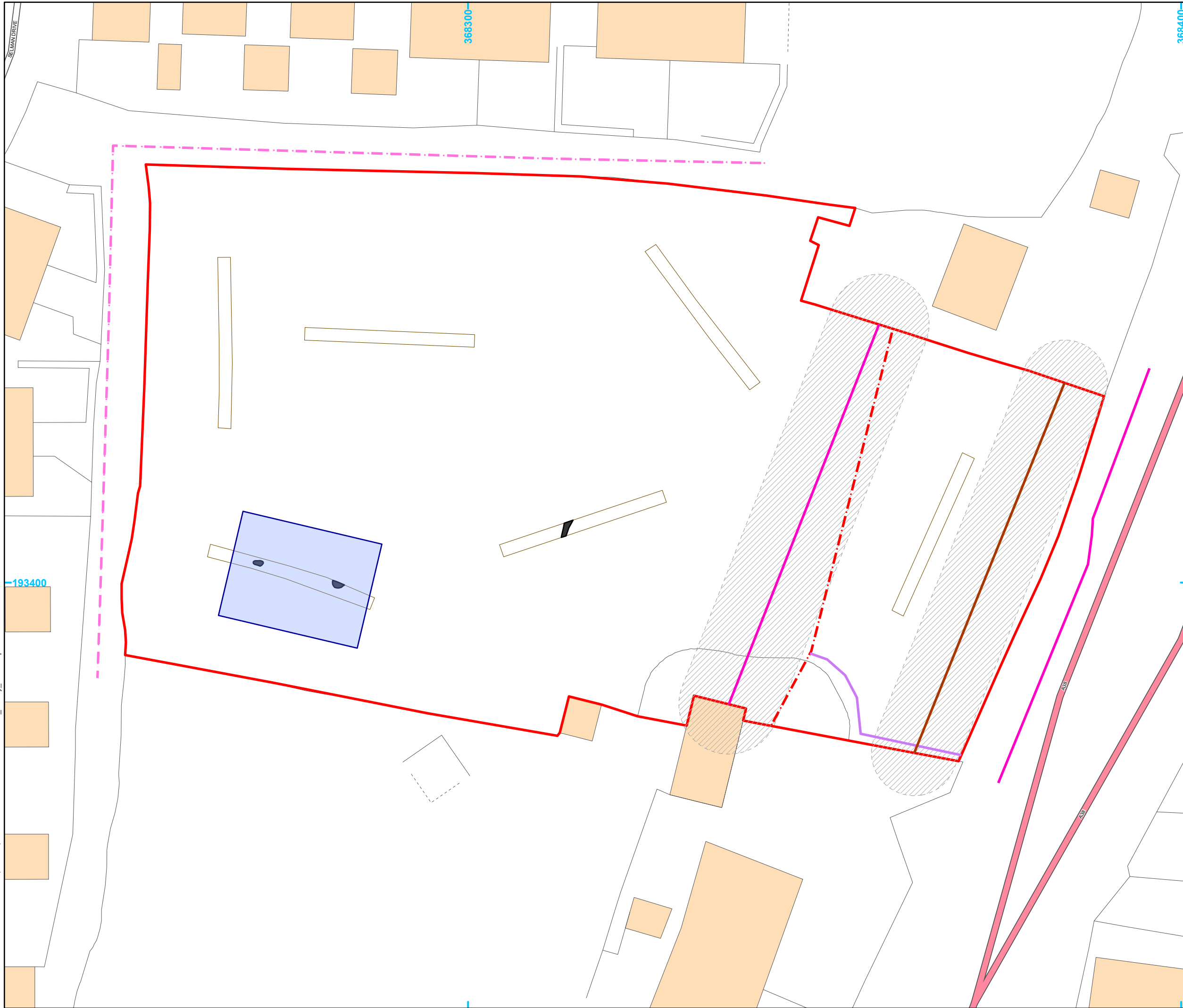
W www.cotswoldarchaeology.co.uk
 E enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
 Glebe Land, Falfield, South Gloucestershire

FIGURE TITLE
 Site location plan

DRAWN BY	MP	PROJECT NO.	CR1658	FIGURE NO.
CHECKED BY	VT	DATE	23/10/2023	
APPROVED BY	CD	SCALE @ A4	1:25,000	1

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- Legend**
- Site Boundary
 - Proposed mitigation area
 - BT
 - Electric OH (NGED)
 - Electric OH HV (NGED)
 - Electric UG LV (NGED)
 - Vodafone
 - previous trench/loe
 - previous feature



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Cotswold Archaeology
 Andover 01264 347630
 Cirencester 01285 771022
 Milton Keynes 01908 564660
 Suffolk 01449 900120
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
**Glebe Land, Falfield,
 South Gloucestershire**
 FIGURE TITLE
Proposed Mitigation Area

DRAWN BY	MP	PROJECT NO	CR1568	FIGURE NO.
CHECKED BY	VT	DATE	08/11/2023	2
APPROVED BY	CD	SCALE@A3	1:500	

Andover Office

Stanley House
Walworth Road
Andover
Hampshire
SP10 5LH

t: 01264 347630

Cirencester Office

Building 11
Cotswold Business Park
Cirencester
Gloucestershire
GL7 6BQ

t: 01285 771022

Milton Keynes Office

Unit 8 - The IO Centre
Fingle Drive, Stonebridge
Milton Keynes
Buckinghamshire
MK13 0AT

t: 01908 564660

Suffolk Office

Unit 5, Plot 11, Maitland Road
Lion Barn Industrial Estate
Needham Market
Suffolk
IP6 8NZ

t: 01449 900120

e: enquiries@cotswoldarchaeology.co.uk

