

From: Amanda Scholes on behalf of Planning.Responses
Sent: 18 November 2020 09:01
To: Planning Scanning
Subject: FW: AN0245 - Land South of Water Lane, Angmering, West Sussex - A/28/20/DOC
Attachments: AN0245 Land South of Water Lane, Angmering, West Sussex.pdf

Amanda Scholes | Receptionist, Department, [Arun District Council](#) | Location: Ground Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

Internal: 37736 | External: +44 (0) 1903 737500 ext 37736 | E-mail: amanda.scholes@arun.gov.uk



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Save the environment - think before you print.

From: Michael Eastham <Michael.Eastham@arun.gov.uk>
Sent: 17 November 2020 12:38
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Lisa Adams <Lisa.Adams@arun.gov.uk>
Subject: FW: AN0245 - Land South of Water Lane, Angmering, West Sussex - A/28/20/DOC

Please upload onto Ocella the following email trail and the attachment from the **ADC Archaeological Advisor** for discharge of condition application **A/28/20/DOC** relating to Land South of Water Lane, Angmering.

Thanks,

Michael

Michael Eastham
Principal Planning Officer,
Planning Department

T: 01903 737772
E: michael.eastham@arun.gov.uk

Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
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From: James Kenny [REDACTED]
Sent: 17 November 2020 10:28

To: Michael Eastham <Michael.Eastham@arun.gov.uk>

Subject: FW: AN0245 - Land South of Water Lane, Angmering, West Sussex

Dear Michael,

Attached is the WSI for the second stage archaeological investigation at Land south of Water Lane, Angmering (as allowed for in the primary WSI agreed in fulfilment of condition 27 on A/99/17/OUT; A/28/20/DOC). I have confirmed to Cotswold Archaeology that it is satisfactory, and we should hear fairly soon if they've been chosen to do the work and when it's likely to start. It should be a very interesting site.

Best wishes,

James



James Kenny
Archaeology Officer
Conservation & Design
Chichester District Council

From: Oliver Good [REDACTED]
Sent: 17 November 2020 09:59
To: James Kenny
Cc: Havis, Sean
Subject: RE: AN0245 - Land South of Water Lane, Angmering, West Sussex

Good morning James

Apologies for that, I've corrected the report and attached it to this email.

Could you please confirm that this is acceptable.

Kind regards

Ollly

Oliver Good
Project Manager



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From: James Kenny [REDACTED]
Sent: 17 November 2020 09:22
To: Oliver Good <[REDACTED]>

Cc: Havis, Sean [REDACTED]

Subject: RE: AN0245 - Land South of Water Lane, Angmering, West Sussex

Hello Olly

Apart from three references to The Novium Museum (in 6.6, 6.7 and 6.9), which I think should be to Littlehampton Museum, this is fine. If you could make these changes and send me a final copy I'll agree it and make sure ADC have a copy.

Thanks,

James



James Kenny
Archaeology Officer
Conservation & Design
Chichester District Council

From: Oliver Good [REDACTED]

Sent: 11 November 2020 09:43

To: James Kenny

Cc: Havis, Sean

Subject: AN0245 - Land South of Water Lane, Angmering, West Sussex

Good morning James

Please find attached a draft copy of the Angmering excavation WSI for you to review and approve.

If you require me to make any edits, please let me know.

Kind regards

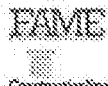
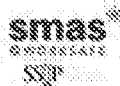
Olly

Oliver Good
Project Manager



[REDACTED]
Stanley House, Walworth Road, Andover
Hampshire, SP10 5LH

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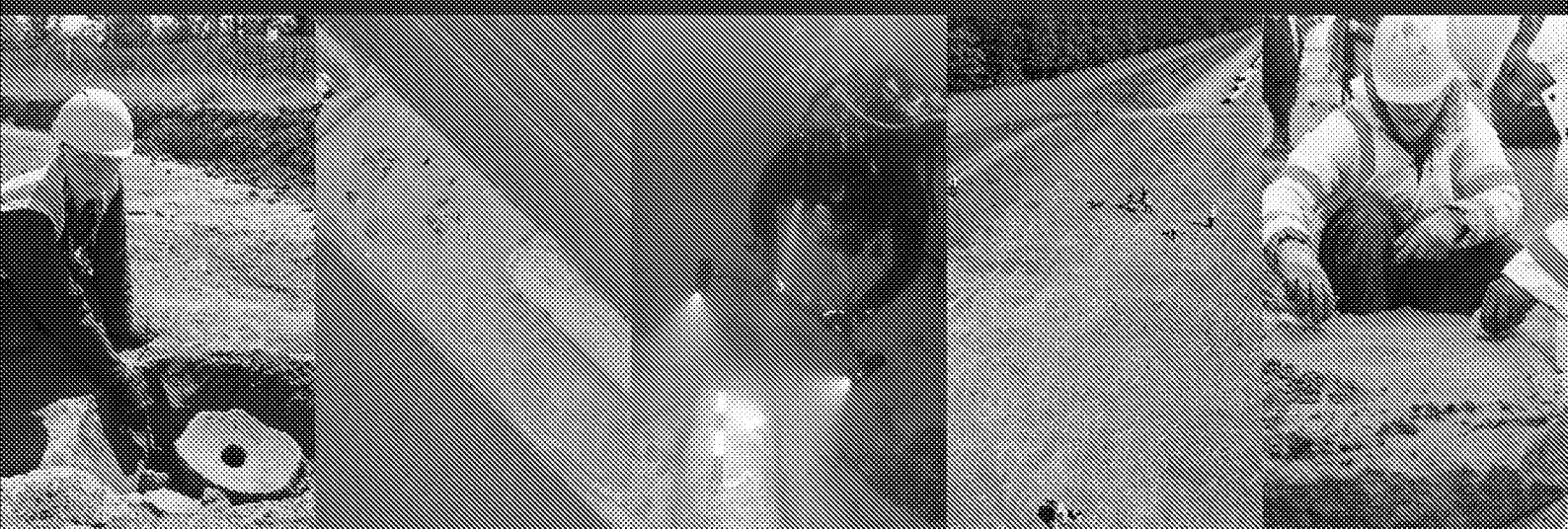
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Land South of Water Lane Angmering West Sussex

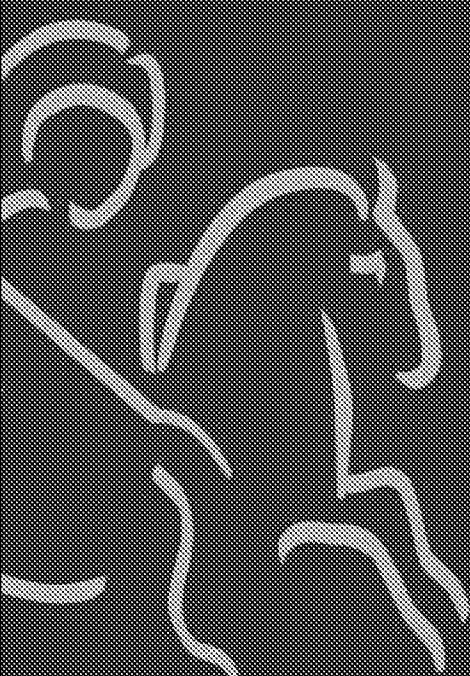
*Written Scheme of Investigation for
an Archaeological Excavation*



for:
Barratt David Wilson Homes

CA Project: AN0245

November 2020



Land South of Water Lane Angmering West Sussex

Written Scheme of Investigation for an Archaeological Excavation

CA Project: AN0245

Document Control Grid						
Revision	Date	Author	Checked by	Status	Reasons for revision	Approved by
A	4/11/2020	Oliver Good	Ray Kennedy	Internal review	–	Richard Greatorex

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1. INTRODUCTION

- 1.1. This document sets out details of a Written Scheme of Investigation (WSI) by Cotswold Archaeology (CA) for an archaeological excavation at Land South of Water Lane Angmering, West Sussex. (centred at NGR: 507544 104454) for Barratt David Wilson Homes Southern Counties.
- 1.2. Arun District Council has granted outline planning permission for residential development of the site along with associated infrastructure (planning ref: A/99/17/OUT). A condition 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 excavation was defined by James Kenny (Chichester District Council), the archaeological advisor to the Local Planning Authority (LPA). This WSI will be submitted to James for review.
- 1.4. This WSI has been guided in its composition by the Sussex Archaeological Standards (2019), Standard and guidance for archaeological excavation (CIfA 2014; updated October 2020), Management of Research Projects in the Historic Environment (MoRPHE) PPN 3: Archaeological Excavation (Historic England 2015) and Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide (Historic England 2015).

The site

- 1.5. The proposed development area is approximately 9ha, and comprises pastoral land currently grazed by livestock ranged around Avenals Farm on the eastern periphery of Angmering. It is bounded by Water Lane to the north, residential properties to the south, the A280 to the east and Weavers Hill to the West. The site lies at approximately 8m above Ordnance Datum (aOD) in the north of the site up to 15m aOD in the south.
- 1.6. The underlying bedrock geology of the area is mapped as the Lambeth Group of Clay, Silt, Sand and Gravel. Sedimentary Bedrock formed approximately 56 to 66 million years ago in the Palaeogene Period (BGS 2020).

2. ARCHAEOLOGICAL BACKGROUND

- 2.1. The following background information is a summary of the results of a desk-based assessment carried out by CgMs in 2016, a geophysical survey report carried out by GSB in 2016 and archaeological evaluations carried out by ASE in 2016 and Cotswold Archaeology 2020.

Prehistoric

- 2.2. Evidence for earlier prehistoric activity in the vicinity of the site is limited to a findspot of a Neolithic flint axe, c.500m northwest of the site and pottery and flintwork from post holes and ditches dating to the Neolithic period from an evaluation at Pound Nursery, c.375m east of the site. Evidence of Bronze Age activity in the vicinity of the site is plentiful. The evaluation at Pound Nursery also revealed evidence for systematic land organisation possibly dating to the Late Bronze Age and an archaeological evaluation west of the site at 24 Water Lane revealed Late Bronze Age pottery, burnt flint, worked flint and plant macro remains.

Iron Age and Roman

- 2.3. Works on the Angmering bypass recovered Iron Age and Roman artefacts from upper fills of earlier ditches including a La Tene I brooch and Roman pottery. A substantial Middle to Late Iron Age grain storage and processing site was recorded c.120m south of the Site. Early Roman ditches were also identified at Pound Nursery.

Saxon and Medieval

- 2.4. Immediately adjacent to the south east of the site, early Saxon and medieval evidence was recorded during works on the Angmering Bypass South consisting of ditches, pits and postholes.

Previous Archaeological Investigation

- 2.5. A geophysical survey carried out on site by GSB in 2016 identified a number of ditches forming complex enclosures and trackways across the south-eastern part of the site. A 3% evaluation was then undertaken by ASE in 2016 with a subsequent 2% evaluation carried out by Cotswold Archaeology in 2020. The evaluations were able to confirm the results of the Geophysical Survey, that there were a series of complex enclosures dated to the Late Bronze Age/Early Iron Age that appeared to continue into the Roman Period. The enclosures were located in the south-eastern

part of the development site. In addition, the evaluations revealed evidence of a medieval field system in the western part of the site and a small assemblage of residual flint from the later deposits indicated probable transient early prehistoric activity in the vicinity of the site.

3. AIMS AND OBJECTIVES

3.1. The general objectives of the archaeological excavation are to:

- ✦ identify, investigate and record any significant buried archaeological deposits/features at the site prior to their destruction by the proposed development;
- ✦ recover and analyse any artefactual evidence;
- ✦ sample and analyse environmental remains to create a better understanding of past land use and economy;
- ✦ report on and publish the archaeological results at a level appropriate to their significance; and
- ✦ compile a stable, ordered, accessible project archive.
- ✦ place the results of the excavation into context regionally and potentially nationally by comparing and contrasting to other similar sites found locally and across southern England.

3.2. The specific objective of the excavation is to investigate and record the Late Bronze Age/Early Iron Age and Roman activity identified by the previous evaluation.

3.3. As the site has the potential to contain remains associated with the Late Bronze Age to Iron Age, the excavation has the potential to contribute to the South East Research Framework Resource Assessment and Research Agenda.

4. METHODOLOGY

4.1. One excavation area will be opened at the site (see the attached plan) with a 10% contingency strip available should James Kenny require it. This has been located to investigate features recorded by the previous geophysical survey and trial trench evaluations (see *Archaeological background*, above)

-
- ✧ Area 1 (c. 1.65ha): located to investigate the late Bronze Age to Roman enclosures identified by the previous evaluations;

4.2. Excavation areas will be set out on OS National Grid co-ordinates using Leica GPS. They will be scanned for live services by trained CA staff using CAT and genny equipment, in accordance with the *CA Safe System of Work for avoiding underground services*. The positions and sizes of the excavation area may be adjusted on site to account for services or other constraints, with the approval of James Kenny.

4.3. Once the excavation area has been stripped, the location of the development access road will be set out on site, the archaeology within the footprint of the road will be excavated and recorded as a priority. Once James Kenny is happy that the archaeology within the road footprint has been adequately recorded, construction of the road may start.

4.4. Overburden will be stripped from the excavation areas by a mechanical excavator fitted with a toothless grading bucket. All machining will be conducted under archaeological supervision and will cease when the first significant archaeological horizon or natural substrate is revealed (whichever is encountered first).

4.5. The following excavation strategy will be employed:

- ✧ all funerary/ritual activity and domestic/industrial deposits will be 100% excavated;
- ✧ all discrete features (e.g. postholes, pits) will be sampled by hand excavation (average sample unlikely to exceed 50% of each individual feature), unless their common/repetitious nature suggests they are unlikely to yield significant new information;
- ✧ all linear features will be sampled to a maximum of 10% of their lengths;
- ✧ bulk horizontal deposits will as a minimum be 10% by area hand excavated, after which a decision may be taken (in conjunction with James Kenny) to remove the remainder with machinery.

4.6. Archaeological features will be investigated, planned and recorded in accordance with *CA Technical Manual 1: Fieldwork Recording Manual*. Each context will be recorded on a pro-forma context sheet by written and measured description. 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.

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 and James Kenny, 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 the Barratt David Wilson Homes Southern Counties and James Kenny 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).

5. PROJECT STAFF

- 5.1. The archaeological personnel/sub-contractor will be confirmed with James Kenny prior to commencement.

6. POST-EXCAVATION, REPORTING AND ARCHIVING

Reporting

- 6.1. The level of post-excavation analysis and reporting required will depend upon the nature of the archaeological results and will be confirmed with James Kenny once the archaeological fieldwork has been completed. At present, it is anticipated that, as a minimum, a Post-Excavation Assessment (PXA) will be undertaken and a PXA report will be issued. The PXA 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;
- ✦ a description of the project results;
- ✦ an interpretation of the results in the appropriate context;
- ✦ a summary of the contents of the project archive and its location (including summary catalogues of finds and samples);
- ✦ a plan showing the location of the excavation areas and the exposed archaeological features and deposits in relation to the site boundaries;
- ✦ detail plans of archaeological features as appropriate. These 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. Archaeologically sterile areas will not normally be illustrated;
- ✦ appropriate section drawings of excavation areas and features will be included, with OD heights and at scales appropriate to the stratigraphic detail being represented. The orientations of the drawings in relation to north/south/east/west will be shown;
- ✦ site matrices, if appropriate;

- ✦ photographs showing significant features and deposits that are referred to in the text. All photographs will contain appropriate scales, the sizes of which will be noted in the illustration captions;
- ✦ a consideration of the results within their wider local/regional contexts;
- ✦ a summary table and descriptive text showing the features, classes and numbers of artefacts recovered and soil profiles with interpretation; and
- ✦ 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.

6.2. The draft PXA report will be distributed to the client and James Kenny for review prior to finalisation. All copies of the report (draft and final) will be issued in pdf format.

Academic and public dissemination

6.3. Should the PXA identify the potential for further analysis and/or reporting, then an updated project design (UPD) will be prepared for inclusion in the PXA report. This UPD will detail the further analysis/reporting to be carried out, for the agreement of the client and James Kenny. Depending on the excavation results, the UPD may detail arrangements for an appropriate level of academic publication. As a minimum, a short note on the project results will be produced for inclusion in an appropriate local archaeological journal.

6.4. 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.

-
- 6.5. 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

- 6.6. All artefacts and environmental samples will be processed, assessed, conserved and packaged in accordance with CA technical manuals and the Littlehampton Museum guidelines.
- 6.7. An ordered, indexed, and internally consistent site archive will 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 2007) and *Standard and Guide to Best Practice for Archaeological Archiving in Europe: EAC Guidelines 1* (Europae Archaeologia Consilium 2019), as well as the relevant the Littlehampton Museum guidelines.
- 6.8. Depending on the nature and scope of any subsequent programme of archaeological works at the site (if applicable), the excavation 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.
- 6.9. CA will make arrangements with the Littlehampton Museum for the deposition of the site archive and, subject to agreement with the legal landowner(s), the artefact collection.

Selection strategy

- 6.10. As noted in para. 4.6, 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.
- 6.11. 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 postdating AD 1800 will be retained for inclusion in the preserved archive.

Digital archive

- 6.12. A digital archive will be deposited with the Archaeology Data Service (ADS). This archive will be compiled in accordance with the *ADS Guidelines for Depositors*.

Data management

- 6.13. 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.
- 6.14. Selected digital files will be transferred to the Littlehampton Museum with the documentary and material archive and to the ADS, 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* (2017), 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* (2017) 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.

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

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- 8.1. CA holds Public Liability Insurance to a limit of £10,000,000 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 James Kenny 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. Due to the ongoing coronavirus crisis it is not anticipated that this excavation will afford opportunities for public engagement or participation during the course of the fieldwork. However, the excavation results will be made publicly available on the ADS and CA websites, as set out in Section 7.

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

- APABE (Advisory Panel on the Archaeology of Burials in England) 2017 *Guidance for best practice for the treatment of Human remains excavated from Christian Burial Grounds in England, 2nd Edition*.
- Archaeology South East. 2016. *An Archaeological Evaluation at Land South of Water Lane, Angmering, West Sussex*, Archaeology South-East Report. Project No. 160339
- BGS (British Geological Survey) 2016 *Geology of Britain Viewer* <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> Accessed 5 February 2020
- CgMs 2016. *Land at Water Lane, Angmering, West Sussex: Archaeological Desk-Based Assessment*.
- Cotswold Archaeology 2020 *Land South of Water Lane, Angmering, West Sussex: Archaeological Evaluation Report* Project No.AN0135
- DCLG (Department of Communities and Local Government) 2012 *National Planning Policy Framework*
- GSB 2016. *Land at Water Lane, Angmering, West Sussex*, Geophysical Survey Report G1613

APPENDIX A: COTSWOLD ARCHAEOLOGY SPECIALISTS

Ceramics

Neolithic/Bronze Age	Ed McSloy BA MCIFA (CA) Emily Edwards (freelance) Dr Elaine Morris BA PhD FSA MCIFA (University of Southampton) Anna Doherty MA (Archaeology South-East) Sarah Percival MA MCIFA (freelance) Steve Benfield BA (CA)
Iron Age/Roman	Ed McSloy BA MCIFA (CA) Kayt Marter Brown BA MSc MCIFA (freelance) Steve Benfield BA (CA)
(Samian)	Gwladys Montell MA PhD (freelance) Steve Benfield BA (CA)
(Amphorae stamps)	Dr David Williams PhD FSA (freelance)
Anglo-Saxon	Paul Blinkhorn BTech (freelance) Dr Jane Timby BA PhD FSA MCIFA (freelance) Sue Anderson, M Phil, MCIFA, FSA (freelance)

Medieval/post-medieval	Ed McSloy BA MCIFA (CA) Kayt Marter Brown BA MSc MCIFA (freelance) Stephanie Ratkai BA (freelance) Paul Blinkhorn BTech (freelance) John Allan BA MPhil FSA (freelance) Richenda Goffin BA MCIFA (CA) Sue Anderson M Phil, MCIFA, FSA (freelance)
South-West	Henrietta Quinnell BA FSA MCIFA (University of Exeter)
Clay tobacco pipe	Reg Jackson MLitt MCIFA (freelance) Marek Lewcun (freelance) Kieron Heard (freelance) Richenda Goffin BA MCIFA (CA)
Ceramic building material	Ed McSloy MCIFA (CA) Dr Peter Warry PhD (freelance) Sue Anderson M Phil, MCIFA, FSA (freelance) Richenda Goffin (Roman painted wall plaster) CBM, BA MCIFA (CA) Steve Benfield BA (CA)
Other finds	
Small finds	Ed McSloy BA MCIFA (CA) Richenda Goffin, (non-metalwork) BA MCIFA (CA) Steve Benfield CA Dr I Riddler (freelance) Dr Alison Sheridan, National Museum of Scotland
Metal artefacts	Ed McSloy BA MCIFA (CA) Dr Jörn Schuster MA DPhil FSA MCIFA (freelance) Dr Hilary Cool BA PhD FSA (freelance) Dr I Riddler (freelance)
Lithics	Ed McSloy BA MCIFA (CA) Jacky Sommerville BSc MA PCIFA (CA) Michael Green (CA) Sarah Bates BA (freelance)
(Palaeolithic)	Dr Francis Wenban-Smith BA MA PhD (University of Southampton)
Worked stone	Dr Ruth Shaffrey BA PhD MCIFA (freelance) Dr Kevin Hayward FSA BSc MSc PhD PCIFA (freelance)
Inscriptions	Dr Roger Tomlin MA DPhil, FSA (Oxford)
Glass	Ed McSloy MCIFA (CA) Dr Hilary Cool BA PhD FSA (freelance) Dr David Dungworth BA PhD (freelance; English Heritage) Dr Sarah Paynter (Historic England) Dr Rachel Tyson (freelance) Dr Hugh Wilmott (University of Sheffield)
Coins	Ed McSloy BA MCIFA (CA) Dr Ruth Beveridge (CA) Dr Peter Guest BA PhD FSA (Cardiff University) Dr Richard Reece BSc PhD FSA (freelance) Jude Plouviez (freelance) Dr Andrew Brown (British Museum) Dr Richard Kelleher (Fitzwilliam Museum) Dr Philip de Jersey (Ashmolean Museum)
Leather	Quita Mould MA FSA (freelance)
Textiles	Penelope Walton Rogers FSA Dip Acc. (freelance)

	Dr Sue Harrington (freelance)
Iron slag/metal technology	Dr Tim Young MA PhD (Cardiff University) Dr David Starley BSc PhD Lynne Keys (freelance)
Worked wood	Michael Bamforth BSc MCIFA (freelance)
Biological remains	
Animal bone	Dr Philip Armitage MSc PhD MCIFA (freelance) Dr Matilda Holmes BSc MSc ACIFA (freelance) Julie Curl (freelance) Lorrain Higbee (Wessex Archaeology)
Human bone	Sharon Clough BA MSc MCIFA (CA) Sue Anderson M Phil, MCIFA, FSA (freelance)
Environmental sampling	Sarah Wyles BA MCIFA (CA) Sarah Cobain BSc MSc ACIFA (CA) Dr Keith Wilkinson BSc PhD MCIFA (ARCA) Anna West BSc (CA) Val Fryer (freelance)
Pollen	Dr Michael Grant BSc MSc PhD (University of Southampton) Dr Rob Batchelor BSc MSc PhD MCIFA (QUEST, University of Reading)
Diatoms	Dr Tom Hill BSc PhD CPLHE (Natural History Museum) Dr Nigel Cameron BSc MSc PhD (University College London)
Charred plant remains	Sarah Wyles BA MCIFA (CA) Sarah Cobain BSc MSc ACIFA (CA)
Wood/charcoal	Sarah Cobain BSc MSc ACIFA(CA) Dana Challinor MA (freelance) Dr Esther Cameron (freelance)
Insects	Enid Allison BSc D.Phil (Canterbury Archaeological Trust) Dr David Smith MA PhD (University of Birmingham)
Mollusca	Sarah Wyles BA MCIFA (CA) Dr Keith Wilkinson BSc PhD MCIFA (ARCA) Dr Mike Allen (Allen Environmental Archaeology)
Ostracods and Foraminifera	Dr John Whittaker BSc PhD (freelance)
Fish bones	Dr Philip Armitage MSc PhD MCIFA (freelance)
Geoarchaeology	Dr Keith Wilkinson BSc PhD MCIFA (ARCA)
Soil micromorphology	Dr Richard Macphail BSc MSc PhD (University College London) Dr Mike Allen (Allen Environmental Archaeology)
Scientific dating	
Dendrochronology	Robert Howard BA (NTRDL Nottingham)
Radiocarbon dating	SUERC (East Kilbride, Scotland) Beta Analytic (Florida, USA)
Bayesian chronological modelling	Dr Derek Hamilton (SUERC) Professor John Hines (Cardiff University)
Archaeomagnetic dating	Dr Cathy Batt BSc PhD (University of Bradford)

TL/OSL Dating

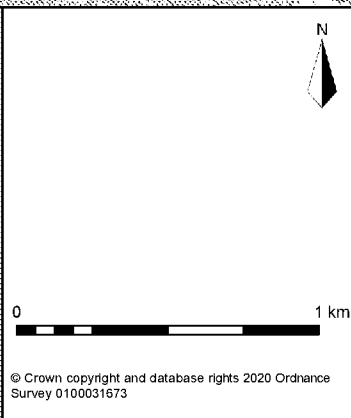
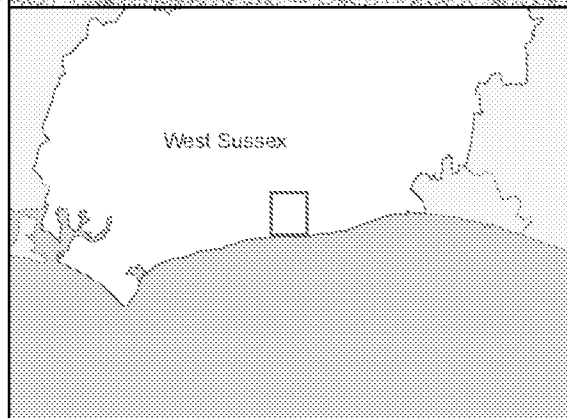
Dr Phil Toms BSc PhD (University of Gloucestershire)

Conservation

Karen Barker BSc (freelance)

Pieta Greaves BSc MSc ACR (Drakon Heritage and Conservation)

Julia Park-Newman (Conservation Services, freelance)



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PROJECT TITLE
**Land South of Water Lane
Angmering, West Sussex**

FIGURE TITLE
Site location plan

DRAWN BY	KW	PROJECT NO.	AN0246	FIGURE NO.
CHECKED BY	OG	DATE	04/11/2020	1
APPROVED BY	OG	SCALE @ A4	1:25,000	



Legend

- Site Boundary
- Proposed mitigation area
- Previous feature (CA 2020)
- Previous trench (CA 2020)
- Previous feature (ASE 2016)
- Previous trench (ASE 2016)



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PROJECT TITLE
**Land South of Water Lane
Angmering, West Sussex**

PROJECT FILE
**Plan showing excavation area, proposed
development and geophysical survey
results**

DRAWN BY	KW	PROJECT NO	AN0245	FIGURE NO.
CHECKED BY	OG	DATE	04/11/2020	2
APPROVED BY	OG	SCALE@A3	1:1,000	

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