

Tyne and Wear Archaeology Service

Specification for Archaeological Monitoring at Land between King Street and Coronation Street, South Shields

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Introduction

The principles of this specification apply to archaeological fieldwork in Tyne and Wear including evaluation by trial trenching, excavation and archaeological monitoring (watching brief).

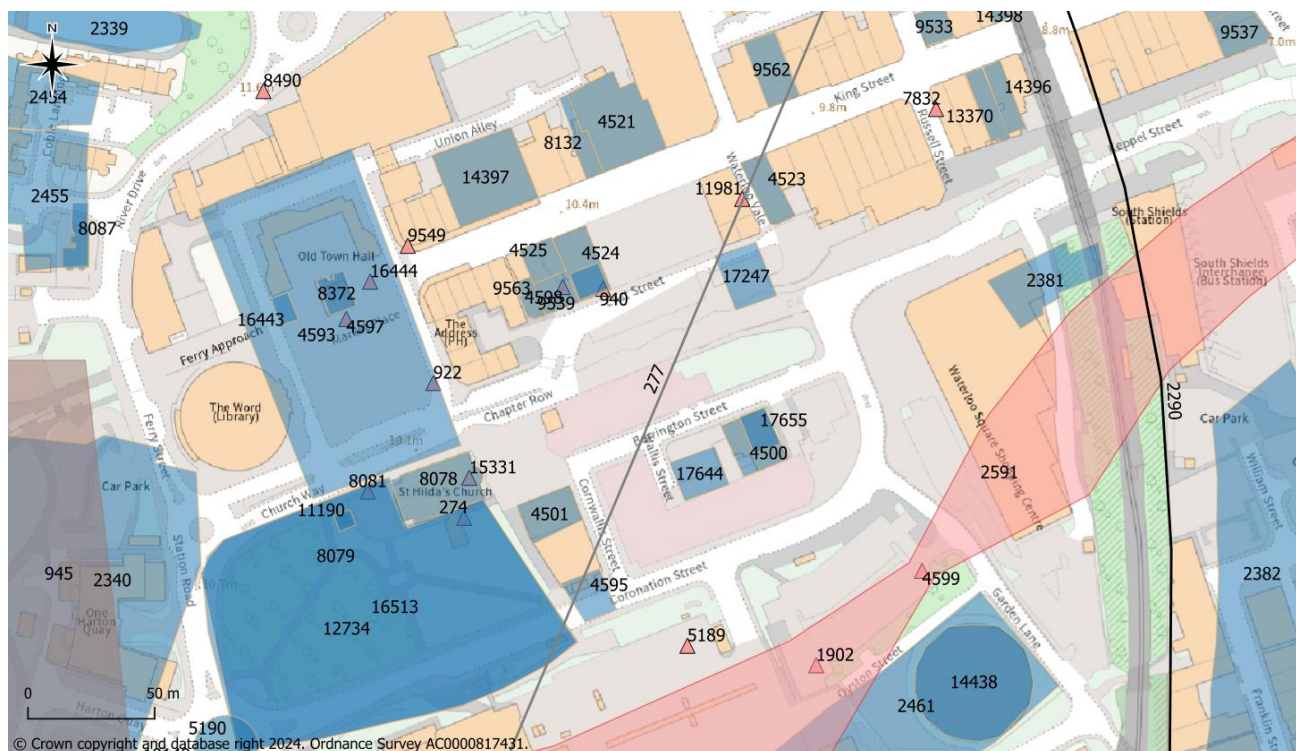
A Written Scheme of Investigation is not required for this work.

All fieldwork should be carried out to the relevant standards and guidance produced by the [Chartered Institute for Archaeologists](#), and with reference to the wide range of specialist guidance produced by [Historic England](#), in particular guidance on [Archaeological Science](#) and [Surveying and Recording Heritage](#). An A-Z of Historic England guidance was [published in 2018](#). Projects likely to involve the potential for environmental sampling and other scientific investigation should be discussed with the Historic England [science advisor for the North East](#). If you are unsure which guidance applies, please contact the Tyne and Wear Archaeology Officer.

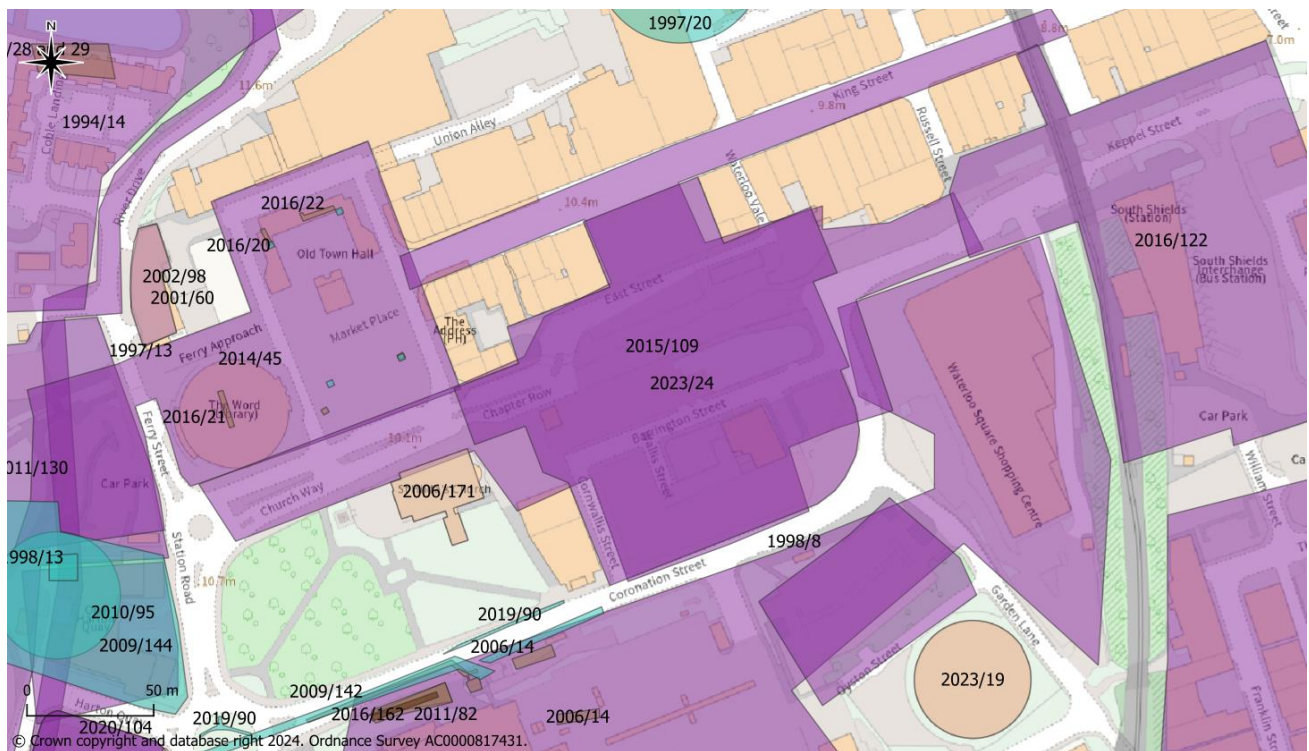
In addition, all fieldwork should be carried out in accordance with *Yorkshire, the Humber & the North East: a Regional Statement of Good Practice for Archaeology in the Development Process* (2019, available on request).

This specification is for the archaeological monitoring of groundworks associated with development, at Land between King Street and Coronation Street, located at NZ 36201 67102.

Archaeological monitoring is required to comply with condition 15 of planning consent ST/0534/23/FUL, in accordance with paragraph 218 of the National Planning Policy Framework.



The site is located in the historic centre of South Shields to the south of King Street, and east of the market place and St Hilda's Church. There is some evidence for prehistoric activity in the area prior to the establishment of Arbeia Roman fort (HER 914) to the northeast in c AD 160. The route of the Wrekendyke Roman Road (HER 277), which connected Arbeia Roman fort to the Roman road from Chester-le-Street to the Tyne, probably ran through the site. The site of the church of St Hilda (HER 8078) may have been the focus of the Anglian nunnery of St Hilda, built in 674AD. South Shields grew around the Mill Dam inlet during the medieval period (HER 945) and the area around the site was largely agricultural. In the 18th century it was developed as a new planned urban centre around the market place (HER 4593), supported by the industry along the bank of the Tyne. Development of the town continued in the 19th and 20th centuries, and earlier archaeological remains are likely to have been truncated by this activity. The town was also bombed during WWII. In the 1960s Coronation Street was realigned northwards, cutting through the churchyard of St Hilda's and former streets and buildings.



The site has been subject to an Archaeology Assessment carried out by BWB Consulting in 2023 (event 5438 report 2023/24). This concluded that there is low potential for prehistoric and Roman period archaeological remains, moderate potential for early medieval and medieval period archaeological remains, and low potential for post-medieval archaeological remains. The assessment demonstrates convincingly that burials associated with St Hilda's Church are very unlikely to have extended beyond the existing eastern boundary of the churchyard, however there is some potential for earlier burials associated with the nunnery, or other significant archaeological remains, to be identified during groundworks. No previous investigative archaeological work has taken place on the site.

An intrusive ground investigation was carried out by Allied Exploration & Geotechnics Ltd (AEG) in 2023 (AEG, South Tyneside College – Main Campus Ground Investigation, Ref. 4466, dated 30 January 2024). This comprised boreholes, machine excavated trial pits, foundation inspection pits and hand excavated inspection pits.

The appointed contractor should review the Phase 1 Preliminary Geo-environmental Appraisal and the AEG ground investigation report before site work begins, in order to establish where areas of known made ground and known basements occur. A drawing of these should be provided to the Tyne and Wear Archaeology Officer before groundworks begin.

These areas may be excluded from the archaeological monitoring programme. Only areas which have been identified as having remaining archaeological potential should be monitored during groundworks. Areas which are identified during the monitoring as being comprised of made ground may be excluded from future monitoring of groundworks to the same or a shallower depth.

Aims

The overall aim of the project is to record and advance understanding of the significance of the archaeology to be lost as a result of the development of the site. The project should investigate the extent, character and chronology of the archaeological features present on the site, in order to understand and interpret them with reference to comparable sites.

The project should be carried out with reference to the relevant research agendas of the revised [North-East Regional Research Framework for the Historic Environment \(NERRF\)](#) (2023). Other relevant research frameworks can be found at the [Research Frameworks Network](#). The Early Medieval research agenda of the published NERRF includes key research priorities EM8: How was the coast exploited in the early medieval period? and EM9: How did Christianity arrive and develop in early medieval north-east England?, which may be addressed by this project.

Monitoring by Tyne and Wear Archaeology Service

The fieldwork will be monitored by the Tyne and Wear Archaeology Officer. The Archaeological Contractor must give as much written notice as possible of the start of fieldwork, and keep the Tyne and Wear Archaeology Officer informed of progress, so that a site visit can be arranged if required.

Health and Safety

The appointed contractor must produce a risk assessment, or RAMS (Risk Assessment and Method Statement) if required by a main contractor, in line with legislative requirements and industry best practice. Health and Safety will always take priority over archaeological requirements. If any elements of the fieldwork cannot be completed due to health and safety issues, this should be clearly stated in the report.

Methodology

The archaeological fieldwork must be undertaken by professional archaeologists with proven experience of undertaking similar projects, and with appropriate skills and experience to undertake work to the highest professional standards.

Removal of topsoil or overburden by machine to the level of archaeological deposits or natural subsoil must be carried out using a toothless ditching bucket, except when ground conditions make a toothed bucket necessary. Machine work must be supervised by an archaeologist. Exposed archaeological deposits and structures must be cleaned by hand.

All ground disturbing work in areas which have been identified as having remaining archaeological potential, including site preparation, foundation trenching and service trenching, must be monitored by an archaeologist to observe and record the presence or absence of any archaeological remains. If archaeological remains are identified the construction must stop to allow the excavation and recording of the archaeological remains. All archaeological features within the construction area should be fully excavated.

Sampling

All fills and deposits should be assessed for their potential for environmental sampling and scientific dating, and samples taken accordingly. Archaeological deposits may have the potential for the preservation of a wide range of environmental evidence, as discussed in the [Historic England guidance](#), and specialist advice should be sought prior to and during all projects. Consideration should be given to the nature of the site and the potential for preservation by factors such as waterlogging. Scientific dating is particularly important for sites with little or no artefactual evidence.

Recording

The written record of archaeological features, stratigraphy, finds and samples should be undertaken using *pro forma* indices and record sheets, according to industry standards. Drawings (plans, sections and elevations) should be produced at standard scales as appropriate (1:10, 1:20, 1:50, 1:100 etc.). References to cardinal directions should use the [standard 16 point system](#) with no further subdivision. All site survey and the site location should be tied in to the British National Grid, and heights recorded relative to ordnance datum.

Digital photographs should be taken using a high-resolution DSLR camera with sensors exceeding 10 Mega Pixels, producing either TIFF files or RAW files which must be converted to TIFF before archive deposition. The photographs should be recorded in an index recording the image number, subject, any scales used, direction facing, date the picture was taken and who took it.

All photographs should be in focus, with an appropriate use of depth of field; they should be adequately exposed in good natural light, or where necessary well-lit by artificial means (not by camera-triggered electronic flash). The use of a tripod is recommended, particularly for the interior of buildings.

Finds

Bulk finds (pottery, animal bone etc.) should be collected by context. Small finds (metal objects, worked pottery sherds, worked bone etc.) should be recorded and located individually. Finds should be packed and stored to ensure minimal deterioration before their removal from site, according to the guidance in *First Aid for Finds* (D Watkinson and V Neal, third edition 2001, RESCUE/UKIC). A new edition of *First Aid for Finds* is expected in [summer 2022](#).

For sites where large assemblages are anticipated, a selection strategy should be developed prior to fieldwork starting. The Chartered Institute for Archaeologists has produced a [Toolkit](#) to assist in the production of a strategy.

Human Remains

Human remains must be treated with dignity and respect by all parties on site including non-archaeological contractors, and in accordance with [Historic England advice](#). Excavation areas should be shielded from public view where necessary. Where human remains are known to be present, an osteoarchaeologist should be involved in the project from the outset.

The excavation of articulated human burials requires a licence from the [Ministry of Justice](#). Where articulated human burials are found unexpectedly, a licence must be obtained before proceeding with excavation. If articulated human burials are known to be present a licence should be obtained in advance of fieldwork.

In Christian burial grounds under Church of England jurisdiction a faculty is required rather than a licence, and reburial is generally carried out following any scientific investigation. The guidance issued by the Advisory Panel on the Archaeology of Burials in England (APABE) regarding [best practice](#) should be followed.

Treasure

Any finds which might fall under the [Treasure Act 1996](#) must be reported to the Coroner in whose district they were found within 14 days of discovery and to the [regional Finds Liaison Officer](#).

Post-fieldwork assessment, analysis and reporting

Post-fieldwork assessment, analysis and reporting must be carried out to the relevant standards and guidance produced by the [Chartered Institute for Archaeologists](#), and with reference to the wide range of specialist guidance produced by [Historic England](#). All site records must be ordered, checked for internal consistency, quantified and indexed. All classes of artefacts and ecofacts must be assessed by suitably qualified and experienced specialists and consideration given to the potential for further analysis.

The report must contain the following sections as a minimum:

1. Non-technical summary
2. Introduction
3. Aims and objectives
4. Methodology
5. Results
6. Conclusions
7. Archive location
8. Appendices, including a copy of this specification
9. Illustrations
10. References and bibliography

The report must be submitted digitally as a pdf to the Tyne and Wear HER and submitted to OASIS for archiving by the ADS.

Publication

Significant archaeological sites will require publication in a regional or national journal (such as [Archaeologia Aeliana](#), the [Durham Archaeological Journal](#), the [Arbeia Journal](#), or [Industrial Archaeology Review](#)) as appropriate. Other forms of public engagement and dissemination such as site open days, popular publications and interpretation panels may also be required for some sites.

Archive

Following assessment and reporting, the physical archive including all site records and retained artefacts and ecofacts must be prepared in accordance with the [ClfA Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives](#), and with the requirements of the receiving body. For Tyne and Wear these are:

- Great North Museum: Hancock for Hadrian's Wall and the medieval town of Newcastle (contact Keeper of Archaeology andrew.parkin@newcastle.ac.uk).
- Tyne and Wear Archives and Museums for the rest of Tyne and Wear (Gateshead, outer Newcastle, North Tyneside, South Tyneside and Sunderland) (contact Alex Croom at Arbeia Roman Fort 0191 277 1410).

The Great North Museum: Hancock charges a fee for archive deposition as described in the [Archaeological Archive Deposition Policy](#).

The physical archive should be deposited with a pdf copy of the report.

The digital archive including all photographs, CAD files etc. must be archived with the [Archaeology Data Service \(ADS\)](#). The likely cost of archiving with the ADS and their requirements for archived material should be established before tendering for the project. Proof of archiving with the ADS will be required by the Tyne and Wear HER. The Chartered Institute for Archaeologists has produced a [Toolkit](#) to help support those managing digital data.

The project must be registered with [OASIS](#) in order to signpost the project nationally, and the reference number included in the report.

If you have any queries about this specification, require full website links or notice any broken links, please contact the officer named above.