

Site/Project Name: **A2 Pepperhill to Cobham Fieldwalking and metal detecting survey**

Site Code: A2 BC 03

Site/Project Type: Field survey

Year(s): 2003

Accession Number: n/a

Record Group	Contents	Comments	Box/File Number
	INTRODUCTION Archaeological design for non intrusive survey	13 sheets	Box 1 file 1
A	REPORT Fieldwalking & metal detecting survey report March 2004	1 unbound copy	Box 1 file 2
B	PRIMARY DRAWINGS Route map Route maps with crop notations 1:2000 route plans Field transect plans (&with annotations) 1:2500annotated plan	1 A3 sheet 10 A4 sheets 9 A3 sheets 6 A3 sheets (+ 5 & + 7 sheets) 1 A1 sheet folded	Box 1 file 3
C	PRIMARY FINDS DATA Brick, tile, burnt flint transect records Pottery transect records	17 sheets 16 sheets	Box 1 file 4

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Site[Fieldwalking and metal detecting survey] Site code[A2 BC 03]

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C: Finds Data – Text: Specialist Reports	<input type="checkbox"/>
C: Finds Data – Text: Box/Bag List	<input type="checkbox"/>
D: Catalogue of Photos/Slides/Videos/X--rays	<input type="checkbox"/>
E: Environmental/Ecofact Data: Primary Records	<input type="checkbox"/>
E: Environmental/Ecofact Data: Synthesised Records	<input type="checkbox"/>
E: Environmental/Ecofact Data: Specialist Reports	<input type="checkbox"/>
F: Documentary	<input type="checkbox"/>
F: Press and Publicity	<input type="checkbox"/>
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AZ PEPPERHILL TO CASHAM

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FIELD WALKING

INTRODUCTION

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A2 STAGE 2 (BEAN TO COBHAM) ROAD IMPROVEMENTS**Archaeological Fieldwalking and Metal Detector Survey****CONTENTS**

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Fieldwork

1. INTRODUCTION

1.1 Project background

1.1.1 This Archaeological Design provides the Scope of Works and outline Method Statement for non-intrusive survey works along the route of Phase 2 of the A2 Bean to Cobham Road Improvements. A planning enquiry has determined that the offline route option is to be adopted (Red Route). The route passes through an area of known archaeological potential which is to be mitigated in accordance with the Design Manual for Roads and Bridges (DMRB 2001, Volume 10, Section 6, Part 1) and the recommendations of the Environmental Statement (Highways Agency 2001).

1.2 Location

1.2.1 The western end of Phase 2 lies at the junction with the Channel Tunnel Rail Link at Ebbsfleet Junction, near Springhead (chainage 4300) and the eastern end lies at Cobham Park (chainage 10800).

1.3 Land ownership and access

1.3.1 An estimated 17 ha of the route west of the Tollgate Junction is currently under arable cultivation, and thus suitable for fieldwalking. This non-intrusive survey work will be carried out in advance of the CPO by voluntary agreement with the landowners. All access negotiations will be handled by Skanska on behalf of the Highways Agency.

1.3.2 The work is being carried out now because the land has recently been ploughed and has been left to weather for some weeks. As there has been very little rain this autumn the soil may not have broken down completely, but ground conditions should be favourable for field walking.

1.4 Topography and geology

1.4.1 The western section of Phase 2 (chainage c. 4200 to c. 9400) is characterised by gently rolling terrain, although it is generally flat in nature. Current landuse varies but is primarily agricultural. It is dominated by the line of the Channel Tunnel Rail Link (CTRL) to the south of the A2 and by housing and commercial development to the North of the A2. The soils are predominately heavy and fairly clayey although there are occasional outcrops of chalkier land (i.e. at chainage c. 6600 behind the Tollgate Hotel) where significant quantities of flint were observed in the disturbed soil. These chalkier outcrops tend to lie on the higher ground.

1.4.2 The geology within the study corridor is a mix of mostly Cretaceous Upper Chalk (white chalk with bands of flint) and Palaeocene Thanet Beds (sands). In some areas there are Palaeocene Blackheath Beds (sand and pebbles), Pleistocene Head and Eocene London Clay. The approximate chainage location of the geology types is given below (west to east):

- Blackheath Beds (chainage 1700 - 2600)
- Thanet Beds (chainage 2600 - 3700)
- Head (chainage 3700 - 4700)
- Upper Chalk (chainage 3900 - 5800)
- Thanet Beds (chainage 5800 - 6300)
- Upper Chalk (chainage 6300 - 8400)

- Thanet Beds on either side of a strip of Cretaceous Upper Chalk (chainage 8400 - 9800)
- Blackheath Beds and London Clay (chainage 8400 - 10800)

1.5 Archaeological and historical background

Summary of Environmental Assessment Results

- 1.5.1 The A2 route corridor has seen a large number of archaeological investigations in the past, most of which are recent undertakings as part of the ongoing Channel Tunnel Rail Link (CTRL) development. The proposed line of CTRL runs parallel to the A2, c. 200 m to the south-west of the line of the A2 road between Springhead Roman town (chainage 3800), where the line of the CTRL crosses the A2, and Cobham, at the eastern end of the corridor.
- 1.5.2 CTRL excavations and evaluations in a line south of and parallel to the A2 road have consistently revealed evidence of multi-period activity typically dating from the Lower Palaeolithic (in the area of the Ebbsfleet valley) to the Bronze Age, Iron Age, Roman, Anglo-Saxon and medieval periods. In addition, archaeological investigations undertaken for non-CTRL development have revealed multi-period activity on the northern (opposite) side of the A2 road, as close as c. 100 m distant. This would suggest that the A2 road is situated in an area of high archaeological potential, cutting through a general spread of multi-period activity.
- 1.5.3 The A2 corridor contains a large number of archaeological cropmarks, the nature and date of which is uncertain. English Heritage's Air Survey Unit has plotted all cropmarks within the study corridor as part of their ongoing National Mapping Programme. Most cropmarks are located in the central section of the study corridor, between chainages 700-9200. The relative lack of cropmarks in the western and eastern sections of the corridor might be explained by the amount of woodland cover and quarries in these areas. In addition, the densest cropmarks lie at the closest point to the Iron Age, Roman and Saxon settlement at Springhead and may represent more intensive land-use in the immediate hinterland of the settlement.
- 1.5.4 The study corridor contains six Scheduled Ancient Monuments dating to the prehistoric, Roman and medieval periods, distributed along the whole of the corridor (OAU 2, 16, 17, 32, 59 and 64). Other non-scheduled key monuments include the Tollgate Neolithic enclosure, which is thought to be the remains of a long-barrow.
- 1.5.5 The archaeological potential of the study corridor for the Roman period is particularly high. The current A2 road is believed to lie along the line of Watling Street, the principal road from London to Dover. In at least two places, evidence of the road has been excavated and recorded. At the western end of the study corridor the A2 road passes through the Roman town and religious complex at Springhead (a Scheduled Ancient Monument) (OAU 17 and 19). At the eastern end of the study corridor, the A2 road passes c. 200 m north of a Roman villa (a Scheduled Ancient Monument) (OAU 64). In addition, evidence of Roman settlement activity has been discovered on both sides of the A2, mostly through excavations of parts of extensive areas of cropmarks carried out for the ongoing CTRL development.
- 1.5.6 The archaeological potential of the study corridor for the Anglo-Saxon period has recently been up-graded as a result of the discovery of an Anglo-Saxon cemetery and settlement at Springhead, during CTRL excavations. The A2 road passes along the edges of parishes listed in Domesday Book as manorial holdings. Although the location of the Domesday villages is not known, it is likely that they were situated in

the approximate centre of the holding/parish on the site of, or in the vicinity of, historic settlements shown on the earliest maps consulted (1797 and 1802). There is always a potential for the presence of secondary settlement on the periphery of the parishes beside the A2 road, although evidence of any such settlement is not present in the historic or archaeological record and the road was not a primary route at that time.

- 1.5.7 The archaeological potential of the study corridor for the later and post-medieval periods is mixed. As discussed in the above paragraph, for most of its length, the current line of the A2 road runs along the edges of parishes, away from most of the main foci of historic settlement as marked on the earliest maps consulted (1797 and 1802). The only exceptions to this lie in the central section of the study corridor where OS drawings (1797) show the road passing through the centre of the village of Shinglewell (now Singlewell) and beside a smaller roadside settlement at Northumberland Bottom (shown on OS 1" of 1802). None of the buildings at Northumberland Bottom are extant. A number of buildings shown on the north side of the road at Singlewell survive as Listed Buildings (18th and 19th century). Those on the south side of the road are no longer extant. At its eastern end, the current line of the A2 road passes along the northern edge of Cobham Park, an English Heritage Registered Park.

2. AIMS

2.1 General

2.1.1 The general aims of the non-intrusive survey are to:

- provide extensive evaluation data to assess the presence/absence, survival, condition, extent and significance of any Archaeological Remains that may be present and affected by construction of the A2 Ebbsfleet to Cobham road improvement scheme, subject to limitations imposed by current ground conditions and access.
- provide general evidence for the intensity of past human land-use within available areas of the route corridor.

2.2 Fieldwalking

2.2.1 The fieldwalking will aim to:

- identify specific focii of past human activity that may be present, as reflected in surface distributions of artefacts in the ploughsoil.
- provide artefactual dating evidence for identified focii of past human activity.

2.3 Metal Detecting Survey

2.3.1 This will aim to

- identify specific focii of past human activity that may be present, as reflected in surface distributions of artefacts in the ploughsoil.
- provide artefactual dating evidence for identified focii of past human activity.

3. SCOPE OF WORK

3.1 Field-walking

- 3.1.1 All areas in a suitable condition (ie recently ploughed, with minimal crop growth) will be subject to fieldwalking. The current survey will cover only that part of the scheme west of the Tollgate junction; the maximum area likely to be available is c. 17 ha.

3.2 Metal Detecting Survey

- 3.2.1 All areas in a suitable condition (ie recently ploughed, with minimal crop growth) will be subject to survey with metal detectors. The current survey will cover only that part of the scheme west of the Tollgate junction; the maximum area likely to be available is c. 17 ha.

4. PERSONNEL

- 4.1.1 T. Allen, BA Hons (OA Senior Project Manager) will direct the non-intrusive survey work. SF has worked as a field Archaeologist for 24 years, in a project management and consultancy role for the last 15 years. He has managed the archaeology of major construction projects such as the Eton Olympic Rowing Course, has directed work on several road schemes and is leader of the OA consultancy team working for Hyder on SW roads.
- 4.1.2 An Oxford Archaeology team under the overall supervision of Rob Tannerhill (OA Supervisor) will carry out the fieldwalking. Rob has in excess of 7 years experience as a field archaeologist and has supervised fieldwalking surveys. A second supervisor (yet to be named) will supervise the fieldwalking under R Tannerhill's overall supervision.
- 4.1.3 The metal detecting survey will be carried out by up to 5 members of the Kent Archaeological Metal-Detecting Support Unit under the supervision of R Tannerhill (OA Supervisor). Rob has in excess of 7 years experience as a field archaeologist, and has been specialising in metal-detecting for OA for the last 3 years.

5. METHOD STATEMENT

5.1 Field-walking

- 5.1.1 The fieldwalking transects will be laid out on a 10 m grid, following the alignment of the road corridor. The grid will be established by hand-held GPS based upon points surveyed at 100 m intervals along the route. Length of collection units within each transect will be 20m and each transect will be up to 2m wide.
- 5.1.2 All material considered to be man-made or not local to the area will be collected and recorded by the individual collection unit. Finds will be washed and sorted into groups in order to facilitate identification, and bagged according to artefact class and collection unit.
- 5.1.3 Stone scatters and areas of soil discolouration likely to be of archaeological significance will be recorded and plotted by 20m run.
- 5.1.4 The name of the walker, presence/absence of finds, soil/crop conditions, slope/topography and lighting/weather conditions will be recorded for each transect on OA standard Field Record Sheets.
- 5.1.5 Finds will be identified and quantified and entered directly onto computer (IBM Compatible PC using Microsoft Access). The results will be plotted using AutoCAD 2000.
- 5.1.6 All significant artefact distributions will be plotted by field at 1:2500, by transect with separate plans for each period or relevant subdivision, indicating the numbers of items per 20m collection unit.
- 5.1.7 The pottery and other relevant artefacts will be scanned to assess the date range of the assemblage. All finds and samples will be treated in a proper manner. Finds will be cleaned, conserved, marked, bagged and boxed in accordance with the guidelines set out in UKIC's "Conservation Guidelines No. 2". All metal objects will be x-rayed and then selected for conservation.

5.2 Metal Detector Survey

- 5.2.1 As part of the fieldwalking survey the same transects will be walked by a team of 5 or 6 experienced metal detectorists. Objects will only be retrieved from topsoil; the location of any strong readings at greater depth will be recorded with the hand-held GPS.
- 5.2.2 All identified material will be collected and recorded by the individual collection unit. Finds will be assessed on site by the metal-detecting supervisor, and finds and indeterminate fragments considered to be of recent (ie 19th - 21st century date) will be discarded. All other finds will be sorted into groups in order to facilitate identification, and bagged according to metal type, artefact class and collection unit. A hand-held GPS will be used to locate any finds of particular significance more accurately.
- 5.2.3 Finds will be identified and quantified and entered directly onto computer (IBM Compatible PC using Microsoft Access). The results will be plotted using AutoCAD 2000.
- 5.2.4 All significant artefact distributions will be plotted by field at 1:2500, by transect with separate plans for each period or relevant subdivision, indicating the numbers of items per 20m collection unit.

- 5.2.5 Finds will be exposed, lifted, cleaned, conserved, marked, bagged and boxed in accordance with the guidelines set out in UKIC's "Conservation Guidelines No. 2". All retained metal objects will be x-rayed and then selected for conservation.

5.3 Processing of finds and samples

- 5.3.1 All identified finds and artefacts will be retained, although certain classes of ceramic building material or post medieval pottery may sometimes be discarded after recording if an appropriate sample is retained. However, no finds will be discarded without the prior approval of the nominated representative of the local authority. All appropriate ironwork will be X-rayed.

- 5.3.2 The pottery and other relevant artefacts will be scanned to assess the date range of the assemblage.

- 5.3.3 All finds and samples will be treated in a proper manner and to standards agreed in advance with the approved recipient museum. These will be exposed, lifted, cleaned, conserved, marked, bagged and boxed in accordance with the guidelines set out in UKIC's "Conservation Guidelines No. 2".

- 5.3.4 The level of artefact assessment will be sufficient to establish date ranges of archaeological finds, a general assessment of the types of pottery and other artefacts to assist in characterising the archaeology, and to establish the potential for all categories of artefacts should further archaeological work be necessary.

- 5.3.5 At the beginning of a project, the local relevant museum and the landowner will be contacted regarding the preparation and deposition of the archive and finds.

5.4 Recording and photographic policy

- 5.4.1 All recording will be undertaken in accordance with the requirements of the OA Field Manual (ed. D Wilkinson 1992) and relevant IFA guidelines (See 10.2 below).

5.5 Fieldwork reports (inc summary report and SMR sheet)

- 5.5.1 The reports from this fieldwork will contribute towards the updated ES Archaeology Assessment, and will form appendices to it.

- 5.5.2 One report will be produced for both the fieldwalking and metal detector survey. The report will comply with relevant IFA guidance and will fulfil the function of an assessment report, prepared in accordance with MAP2 Appendix 4.

- 5.5.3 The report will include, as an Appendix, summary text (no more than 500 words), summarising the results of the fieldwork, suitable for publication in the journal *'Archaeologia Cantiana'*.

- 5.5.4 The report will also contain, as an Appendix, a completed Kent Sites and Monuments Record proforma.

- 5.5.5 A computer dataset will be prepared for the fieldwalking data.

5.6 Fieldwork archive preparation and deposition

- 5.6.1 The fieldwork archives will be prepared for museum deposition in accordance with MAP2 Appendix 3 and the relevant IFA guidelines.

5.7 Outline resources and programming

- 5.7.1 Unless extreme adverse weather conditions are encountered, fieldwalking over the 17 ha could be completed in 2 weeks, starting on November 17th.. Six weeks should be allowed for finds processing and report preparation. The fieldwalking will be carried out by an OA supervisor and 3 technicians, under the general supervision of Rob Tannerhill and the overall supervision of the OA Senior Project Manager (T. Allen).
- 5.7.2 Unless extreme adverse weather conditions are encountered, the metal detecting survey over the 17 ha could be completed in 2 weeks, starting on November 17th.. Six weeks should be allowed for finds processing and report preparation. The metal detecting will be carried out by an OA supervisor (R Tannerhill) and 4-5 members of KAMSU, under the overall supervision of the OA Senior Project Manager (T. Allen).

6. HEALTH AND SAFETY POLICY

6.1 Health and Safety

6.1.1 All work will be carried out to the requirements of *Health and Safety at Work, etc. Act 1974*, *The Management of Health and Safety Regulations 1992*, the SCAUM (Standing Conference of Archaeological Unit Managers) H & S manual *Health and Safety in Field Archaeology 1991*, the OA Health and Safety Policy, and any principal contractors requirements.

6.1.2 OA will require copies of the H & S policies of all other contractors and operators present on site in compliance with *The Manual of H & S Regulations 1992*.

6.1.3 Copy of OA Health and safety policy is attached as Appendix 1.

6.2 Safety Plan and Risk Assessments

6.2.1 To be prepared prior to commencement of fieldwork.

7. INSURANCE

7.1 Employers liability Insurance

7.1.1 Oxford Archaeology holds Employers Liability Insurance, Public Liability Insurance and Professional Indemnity Insurance. Details will be supplied on request.

7.2 Exclusions

7.2.1 Oxford Archaeology will not be liable to indemnify the client against any compensation or damages for or with respect to:

- Damage to crops being on the Area or Areas of Work (save insofar as possession has not been given to the Archaeological Contractor);
- The use or occupation of land (which has been provided by the Client) by the Project or for the purposes of completing the Project (including consequent loss of crops) or interference whether temporary or permanent with any right of way, light, air or water or other easement or quasi easement which are the unavoidable result of the Project in accordance with the Agreement;
- Any other damage which is the unavoidable result of the Project in accordance with the Agreement;
- Injuries or damage to persons or property resulting from any act or neglect or breach of statutory duty done or committed by the client or his agents, servants or their contractors (not being employed by Oxford Archaeology) or for or in respect of any claims demands proceedings damages costs charges and expenses in respect thereof or in relation thereto.

8. ENVIRONMENTAL STATEMENT

8.1 Environmental statement

- 8.1.1 All works carried out under this Design are environmentally non-intrusive. No mechanical plant is involved. The survey work will be carried out by teams working on foot, generally in areas of open farmland. Four-wheel drive vehicles will be required for access only and will be confined to existing farm tracks. On completion of works a sweep of the site will be carried out to ensure that no temporary grid markers or litter has been left behind.

9. COPYRIGHT AND CONFIDENTIALITY

9.1 Copyright

- 9.1.1 Unless otherwise agreed, Oxford Archaeology will retain full copyright of any commissioned reports, tender documents or other project documents, under the Copyright, Designs and Patents Act 1988 with all rights reserved; excepting that it will provide an exclusive licence to the client in all matters directly relating to the project as described in the Archaeological Project Design.
- 9.1.2 Oxford Archaeology will assign copyright to the client upon written request but retains the right to be identified as the author of all project documentation and reports as defined in the Copyright, Designs and Patents Act 1988 (Chapter IV, s.79).
- 9.1.3 OA will advise the client of any such materials supplied in the course of projects which are not OA's copyright.

9.2 Confidentiality

- 9.2.1 OA undertakes to respect all requirements for confidentiality about the client's proposals provided that these are clearly stated. It is expected that such conditions shall not unreasonably impede the satisfactory performance of the services required. OA further undertake to keep confidential any conclusions about the likely implications of such proposals for the historic environment. It is expected that clients respect OA's general ethical obligations not to suppress significant archaeological data for an unreasonable period.

10. STANDARDS

10.1 Status of standards documents

- 10.1.1 The following General Archaeological Standards will provide the basis for all works, except where modified by requirements of the scheme-specific standards.
- 10.1.2 Scheme Specific Standards are the primary standard applicable to the Archaeological Works and, in case of dispute, supercede and take precedence over the General Archaeological Standards.

10.2 General archaeological standards

- 10.2.1 English Heritage 1991 "Management of Archaeological Projects". Second Edition (MAP2).
- 10.2.2 English Heritage 2001 "Minimum Standards for MAP2 Project Designs and Assessments: Supplementary Guidance to MAP2"
- 10.2.3 Institute of Field Archaeologists 1995 "Code of Approved Practise for the Regulation of Contractual Arrangements in Field Archaeology"
- 10.2.4 Institute of Field Archaeologists 1992 "IFA Guidelines for Finds Work"
- 10.2.5 Institute of Field Archaeologists 1993 "Standards and Guidance for Archaeological Field Evaluations"
- 10.2.6 Institute of Field Archaeologists 1994 "Standards and Guidance for Archaeological Watching Briefs"
- 10.2.7 United Kingdom Institute for Conservation 1990 "Guidelines for the preparation of Excavation Archives for Long-term storage"
- 10.2.8 English Heritage 1995 "Geophysical Survey in Archaeological Field Evaluations".
- 10.2.9 Institute of Field Archaeologists 1997 "Code of Conduct"

10.3 Relevant scheme-specific archaeological standards (subject to Union Railways agreement)

- 10.3.1 Drewett P 1997 "The Channel Tunnel Rail Link Archaeological Research Strategy", prepared for Union Railways Limited by Dr.P L Drewett, Reader in Prehistoric Archaeology, Institute of Archaeology, University College London
- 10.3.2 URS 1999, 'Channel Tunnel Rail Link: Guide for the Production of Electronic Datasets for Archaeological Fieldwork (Revision 1.0), Originally prepared by Dr. R Boast (Cambridge University Museum of Archaeology and Anthropology, 1996) . Reissued with minor revisions by RLE in 1999

A2 PEPPERHILL TO CASHAM

A2 BC 03

FIELDWALKING

A REPORT.

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A2 Pepperhill to Cobham Widening Scheme Kent

Archaeological Investigation Report



Oxford Archaeology

March 2004

**Client: Skanska, in association with
Owen Williams Consultants**

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OA Job N^o: 1989

NGR: TQ 623/722-684/695

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Planning Reference:

OA Job Number: 1989
Site Code: A2BC 03
Invoice Code: A2BCEX
Receiving Museum: TBA
Museum Accession No: Not available

Prepared by: Adam Brossler
Position: Project Officer
Date: 28th January 2004

Checked by: Tim Allen
Position: Senior Project Manager
Date: 8th March 2004

Approved by: Nick Shepherd
Position: Head of Fieldwork
Date: 16th March 2004

Signed.....



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A2 Pepperhill to Cobham Widening Scheme

ARCHAEOLOGICAL FIELDWALKING AND METAL DETECTING SURVEY

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SUMMARY

Oxford Archaeology (OA) carried out a fieldwalking and metal detecting survey along the western part of the proposed route of the A2 Pepperhill to Cobham Widening Scheme for Owen Williams Consultants on behalf of Skanska. There was one Late Upper Palaeolithic flint blade and a spread of Late Neolithic or Early Bronze Age struck flint that may indicate potential sites, but little to indicate foci of this activity. No prehistoric pottery was found despite cropmarks of prehistoric date crossing the proposed route. The survey also revealed very little evidence of Roman and medieval archaeological activity, even though settlements of these dates were found during construction of the CTRL immediately adjacent to the south. Fragments of post-medieval tile and pottery from recent manuring were however ubiquitous. Following comparison with geotechnical data on the thickness of topsoil and colluvium, it was concluded that most potential archaeology was largely buried below the reach of the plough.

1 INTRODUCTION

1.1 Location and scope of work

1.1.1 In November 2003 OA carried out a fieldwalking and metal detecting survey along the route of Phase 2 of the A2 Pepperhill to Cobham Widening Scheme for Owen Williams Consultants on behalf of Skanska. The Pepperhill to Cobham scheme represents Phase 2 of the A2 Bean to Cobham Road Improvements, Phase 1 of which is currently under construction. A Written Scheme of Investigations for the fieldwalking and metal detecting survey was produced by OA and was agreed with Lis Dyson, Assistant Archaeological Officer, Kent County Council. The western end of Phase 2 lies at the A2 junction just south of Pepper Hill and north of the Channel Tunnel Rail Link at Ebbsfleet junction, near Springhead; the eastern end lies at Cobham Park (Figure 1).

1.2 Geology and topography

1.2.1 The western section of the proposed route is characterised by gently rolling terrain, although it is generally flat in nature. Current land-use varies but is primarily agricultural. It is dominated by the line of the Channel Tunnel Rail Link (CTRL) to the south and by housing and commercial development to the north of the existing A2. The soils are predominately heavy and fairly clayey although there are occasional outcrops of chalkier land (i.e. behind the Tollgate Hotel) where significant quantities of flint were observed in the disturbed soil. These chalkier outcrops tend to lie on the higher ground, and between them are a number of dry valleys containing considerable depths of colluvium.

1.2.2 The geology within the study corridor is a mix of mostly Cretaceous Upper Chalk (white chalk with bands of flint) and Palaeocene Thanet Beds (sands). In some areas there are Palaeocene Blackheath Beds (sand and pebbles), Pleistocene Head and Eocene London Clay. The approximate location of the geology types is given (west to east) below (British Geological Survey 1974, sheet 271):

- Head (to just east of Pepperhill Junction)

- Upper Chalk (from Pepperhill to 500 m west of Tollgate Junction)
- Thanet Beds (extending up to Tollgate Junction)
- Upper Chalk (Tollgate Junction to Marling Cross Junction)
- Thanet Beds either side of a strip of Cretaceous Upper Chalk (Marling Cross to Thong Lane junctions)
- Blackheath Beds and London Clay (Thong Lane to Cobham)

1.3 Archaeological and historical background of the A2 corridor

- 1.3.1 The area through which the proposed route runs has already been the subject of a separate cultural heritage study (OA 2003a) and a desk study (OA 2003b), the results of which are summarised below (see Appendix 6 for bibliography). The A2 route corridor has seen a large number of archaeological investigations in the past, most of which are recent undertakings as part of the ongoing Channel Tunnel Rail Link (CTRL) development. The line of CTRL runs parallel to the existing A2 and c 200-250 m to the south-west all the way from the Pepperhill Junction to Cobham.
- 1.3.2 CTRL excavations and evaluations in a line south of and parallel to the A2 road have consistently revealed evidence of multi-period activity typically dating from the Lower Palaeolithic (in the area of the Ebbsfleet valley) to the Bronze Age, Iron Age, Roman, Anglo-Saxon and medieval periods. The Pepperhill Junction lies just outside the site of Springhead Roman town, and a large Roman cemetery was found during the construction of this junction. In addition, archaeological investigations undertaken for non-CTRL development have revealed multi-period activity on the northern (opposite) side of the A2 road, as close as c 100 m distant. This would suggest that the A2 road is situated in an area of high archaeological potential, cutting through a general spread of multi-period activity.
- 1.3.3 The A2 corridor contains a large number of archaeological cropmarks, the nature and date of which is uncertain. English Heritage's Air Survey Unit has plotted all cropmarks within the study corridor as part of their ongoing National Mapping Programme. The densest cropmarks lie at the closest point to the Iron Age, Roman and Saxon settlement at Springhead and may represent more intensive land-use in the immediate hinterland of the settlement. There are also significant numbers of cropmarks between Springhead and Tollgate Junction (see Figure 1). The relative lack of cropmarks in the eastern section of the corridor might be explained by the amount of woodland cover and quarries in this area.
- 1.3.4 The study corridor contains six Scheduled Ancient Monuments dating to the prehistoric, Roman and medieval periods, distributed along the whole of the corridor (OA 2003 a). These include a Roman villa in Cobham Park only 200 m south of the existing A2. Other non-scheduled key monuments include the Tollgate Neolithic enclosure, which is thought to be the remains of a long-barrow.
- 1.3.5 In three places along the route archaeological investigations for the CTRL have included parts of the proposed route line. At the very west end of the proposed route the first 400 m of the offline route south of Pepperhill was included in a trenching evaluation (Wessex Archaeology 1997), and revealed two successive deposits of

colluvium close to the A2 at the base of the dry valley. A few sherds of Late Bronze Age pottery were found within the lower colluvium, and one undated ditch or channel was cut into it. A few sherds of Late Iron Age or Early Roman pottery were also found in the subsoil overlying the colluvium below topsoil. Subsequently the eastern 300 m of this area was stripped of topsoil and subsoil, and revealed features were excavated (Museum of London Archaeology Service 2001, hereafter MoLAS 2001). The features (found some 2 m down at the west end of the site) comprised a length of palaeochannel, pits (some containing Neolithic or Early Bronze Age struck flints), postholes with charcoal and a burnt area or hearth containing much burnt flint.

- 1.3.6 Part of the field containing the Tollgate Neolithic enclosure was evaluated by trenching (Oxford Archaeological Unit 1995, hereafter OAU 1995). The evaluation covered a SE-NW corridor from 50 -150 m wide, some trenches extending into the proposed route line over a length of nearly 500 m. The evaluation demonstrated that the enclosure ditches contained struck flints, and were sealed by colluvium containing Late Bronze Age and Iron Age pottery. West of the enclosure was a dry valley containing more Late Bronze Age and Iron Age pottery within the colluvium, and one charcoal-filled pit. Roman pottery also came from the upper colluvium. A cropmark trackway running north-south was not clearly dated, but a large circular soilmark east of the enclosure was shown to be a post-medieval dene hole.
- 1.3.7 The field immediately west of Tollgate Junction that was bounded on the west by the former riding school was evaluated by trenching as far north as the roundabout (MoLAS 1997b). The evaluation revealed a number of ditches of Roman date concentrated in the north-west part of the evaluation area, immediately west and south-west of the roundabout. The southern part of this area was subsequently excavated, revealing the southern edge of two Roman enclosures, part of a complex that cropmarks show extends into the line of the proposed route (Figure 1). The Roman features lay beneath topsoil at shallow depth, though colluvial deposits were found where the chalk dipped into a dry valley further south. The evaluation was primarily undertaken to look for Neolithic activity associated with the Tollgate enclosure, but none was found.
- 1.3.8 The archaeological potential of the study corridor for the Roman period is particularly high. The current A2 road is believed to lie along the line of Watling Street, the principal road from London to Dover. In at least two places, evidence of the road has been excavated and recorded. At the western end of the study corridor the A2 road passes through the Roman town and religious complex at Springhead (a Scheduled Ancient Monument). At the eastern end of the study corridor, the A2 road passes *c* 200 m north of a Roman villa (a Scheduled Ancient Monument). In addition, evidence of Roman settlement activity has been discovered on both sides of the A2, mostly through excavations of parts of extensive areas of cropmarks carried out for the ongoing CTRL development.
- 1.3.9 The archaeological potential of the study corridor for the Anglo-Saxon period has recently been up-graded as a result of the discovery of an Anglo-Saxon cemetery and settlement at Springhead, during CTRL excavations. The A2 road passes along the

edges of parishes listed in Domesday Book as manorial holdings. Although the location of the Domesday villages is not known, it is likely that they were situated in the approximate centre of the holding/parish on the site of, or in the vicinity of, historic settlements shown on the earliest maps consulted (1797 and 1802). There is always a potential for the presence of secondary settlement on the periphery of the parishes beside the A2 road, although evidence of any such settlement is not present in the historic or archaeological record and the road was not a primary route at that time.

- 1.3.10 The archaeological potential of the study corridor for the later medieval and post-medieval periods is mixed. As discussed in the above paragraph, for most of its length, the current line of the A2 road runs along the edges of parishes, away from most of the main foci of historic settlement as marked on the earliest maps consulted (1797 and 1802). The only exceptions to this lie in the central section of the study corridor where OS drawings (1797) show the road passing through the centre of the village of Shinglewell (now Singlewell) and beside a smaller roadside settlement at Northumberland Bottom (shown on OS 1" of 1802). None of the buildings at Northumberland Bottom are extant. A number of buildings shown on the north side of the road at Singlewell survive as Listed Buildings (18th and 19th century). Those on the south side of the road are no longer extant. At its eastern end, the current line of the A2 road passes along the northern edge of Cobham Park, an English Heritage Registered Park.

2 NON-INTRUSIVE SURVEY AIMS

2.1 General aims

- 2.1.1 To provide archaeological data to assess the presence/absence, survival, condition, extent and significance of any Archaeological Remains that may be present and affected by construction of the A2 Pepperhill to Cobham widening scheme, subject to limitations imposed by current ground conditions and access.
- 2.1.2 To provide evidence for the intensity of past human land-use within available areas of the route corridor.
- 2.1.3 To make available the results of the investigations.

2.2 Fieldwalking aims

- 2.2.1 To identify specific foci of past human activity that may be present, as reflected in surface distributions of artefacts in the ploughsoil.
- 2.2.2 To provide artefactual dating evidence for past human activity along the proposed route.

2.3 Metal Detecting Survey aims

- 2.3.1 To identify specific foci of past human activity that may be present, as reflected in surface distributions of artefacts in the ploughsoil.

- 2.3.2 To provide artefactual dating evidence for past human activity along the proposed route.
- 2.3.3 To investigate whether sites of periods not represented in the results of the fieldwalking survey exist along the proposed route.

3 NON-INTRUSIVE SURVEY METHODOLOGY

3.1 Scope of fieldwork

3.2 Field-walking

- 3.2.1 Within those fields that were in a suitable condition (ie recently ploughed, with minimal crop growth) the whole length of the proposed route was walked. The area covered was that part of the scheme west of the Tollgate junction, as shown in Figures 1 and 2.

3.3 Metal Detecting Survey

- 3.3.1 Within those fields that were in a suitable condition (ie recently ploughed, with minimal crop growth) the whole length of the proposed route was surveyed with metal detectors (Figure 1). The same areas were covered as for the fieldwalking survey, except that the detectorists ranged more widely within the collection units than the narrow 2 m width covered by the walkers.

3.4 Fieldwork methods and recording

Field-walking

- 3.4.1 The fieldwalking transects were laid out on a 10 m grid, following the alignment of the road corridor (Figure 2). The grid was established by hand-held GPS based upon points surveyed at 100 m intervals along the route. Length of collection units within each transect were 20m and each transect was up to 2m wide. Each collection unit was given an unique number, to which all finds from that collection unit are allocated.
- 3.4.2 All material considered to be man-made or not local to the area was collected and recorded by the individual collection unit. Finds were washed and sorted into groups in order to facilitate identification, and bagged according to artefact class and collection unit.
- 3.4.3 Stone scatters and areas of soil discolouration likely to be of archaeological significance were recorded and plotted by 20m run.
- 3.4.4 The name of the walker, presence/absence of finds, soil/crop conditions, slope/topography and lighting/weather conditions was recorded for each transect on OA standard Field Record Sheets.

Metal Detecting Survey

- 3.4.5 As part of the fieldwalking survey the same transects were walked by a team of 5 or 6 experienced metal detectorists (Figure 5). Objects were only retrieved from topsoil.

- 3.4.6 All identified material was collected and recorded by the individual collection unit. Finds were assessed on site by the metal-detecting supervisor, and finds and indeterminate fragments considered to be of recent (ie 19th - 21st century date) were discarded. All other finds were sorted into groups in order to facilitate identification, and bagged according to metal type, artefact class and collection unit. A hand-held GPS was used to locate any finds of particular significance more accurately.
- 3.4.7 Non-metal finds comprising pottery and burnt flint were also retrieved during the metal detecting survey. These were bagged by collection unit and added to the material recovered by fieldwalking, and were recorded in the same manner as the finds from fieldwalking.

3.5 Finds

- 3.5.1 Finds recovered by hand during the course of the non-intrusive survey were bagged and located by transect and collection unit (OS co-ordinate). Finds of special interest were given a unique small find number.
- 3.5.2 All of the finds were recorded onto Access database, and their distributions plotted using Arcview 3.2. The pottery, struck flint, metal finds, stone, clay pipe and glass were all categorised individually by relevant specialists; the post-medieval tile and burnt flint were recorded by number and weight per collection unit.
- 3.5.3 By agreement with Lis Dyson of Kent County Council, the burnt flint and post-medieval tile (apart from a representative sample) was discarded after summary recording.
- 3.5.4 All significant artefact distributions were plotted at 1:2500, by transect with separate plans for each period or relevant subdivision, indicating the numbers of items per 20 m collection unit.

3.6 Palaeo-environmental evidence

- 3.6.1 As the survey was non-intrusive no environmental samples were taken.

3.7 Presentation of results

- 3.7.1 The results are presented below, and comprise a brief description of the conditions in which the work was undertaken followed by a summary description of the finds recovered. Full finds information is provided in the appendices at the back of this report.

4 RESULTS: GENERAL

4.1 Soils and ground conditions

- 4.1.1 The work was carried out during November because the land had recently been ploughed and had been left to weather for some weeks. Due to the lack of rain some of the soil was still in clods. There was no loss of visibility from the growing crop.

5 RESULTS: DESCRIPTIONS

5.1 Finds

Pottery

- 5.1.1 A total of 569 sherds of pottery were recovered during fieldwalking, of which 4 were Roman, 4 were medieval and the remainder were post-medieval (Figures 3 and 6). A note on the pottery can be found in Appendix 2. A large quantity of ceramic building material was recovered (Figure 7), most of which was post-medieval. Four possibly Roman fragments were noted (see Appendix 2).

Lithics

- 5.1.2 A total of 143 struck flints were recovered from 116 contexts during fieldwalking (Figure 4). There were few tools, but the assemblage probably dates largely to the later Neolithic and Bronze Age; the presence of a thumbnail scraper indicates an early Bronze Age element, and it is conceivable that much of the debitage is contemporary with this piece. No obvious concentrations of the flint were evident, although three cores, a scraper, a blade and a number of flakes were collected in the area adjacent to the Tollgate junction (see Figure 4). A single long blade, characteristic of the Late Upper Palaeolithic period (just after the end of the last Ice Age, c. 10,000 BC) was recovered from the Pepperhill end of the route. Sites of this period are rare and potentially very important. The flint is discussed in full in Appendix 3.

Metal Finds

- 5.1.3 A total of 273 metal objects was recovered by the metal detector survey (Figures 3 and 5). The metalwork assemblage comprises 172 copper alloy object, 53 iron objects, 45 lead objects, 3 silver objects and a fragment of tin. The assemblage was all post-medieval with the exception of six coins, five of which were Roman and one medieval. The metal finds are reported upon in Appendix 4.

Worked Stone

- 5.1.4 A total of six pieces of stone were collected. None of the stone showed evidence of being worked, but three of the pieces were fragments of imported lava stone. These fragments are likely to come from querns. A catalogue of the stone is given in Appendix 5.

Clay pipe

- 5.1.5 A small number of fragments of clay pipe stem were found. No pipe bowls or diagnostic fragments were recovered.

Glass

- 5.1.6 A small number of fragments of bottle glass, either dark green or transparent, were recovered. All of these are of recent (19th or 20th century) date. There was no patterning in the distribution of these fragments.

6 DISCUSSION AND INTERPRETATION

6.1 Reliability of field investigation

- 6.1.1 The walking conditions were generally fine, and are unlikely to have significantly influenced the observed pattern of recovery evident in the finds plots. The spread of post-medieval tile (Figure 7) does not reveal any large gaps that might indicate biases caused by the weather, ground conditions or the abilities of the different walkers. This picture is also supported by the distributions of post-medieval pottery (Figure 6) and flint, particularly burnt flint (Figure 4), neither of which revealed any consistent patterning in terms of retrieval by the different walkers. Although the overall number of struck flints found was small, some appear to have been retrieved by all of the walkers, suggesting that there were no strong biases in the recovery of material.
- 6.1.2 The small quantities of medieval and Roman pottery recovered, and the complete absence of prehistoric pottery, could indicate a bias in favour of highly visible oxidised wares, such as the flowerpot that constituted a large proportion of the pottery that was recovered. The few fragments of earlier pottery that were recovered, however, were not large, and with one exception were not oxidised.
- 6.1.3 The plot of metal finds (Figure 5) also indicates that post-medieval material was retrieved throughout the route by all of the detectorists. Copper alloy and iron finds were retrieved, and no obvious bias in the types of material recovered was evident. The local detectorists observed during the survey that very few objects of any antiquity were being recovered, less than would generally be expected in Kent, and suggested that the sparseness of Roman and medieval metal objects might in part be due to illegal metal detecting over the area in the past. Such detecting often favours fields adjacent to roads that allow a quick getaway.
- 6.1.4 Overall, the results are regarded as a reliable indication of what is now present within the topsoil along this section of the proposed route corridor, although this may not be a true indicator of the presence or absence of buried archaeology (see 6.2.9 below).

6.2 Overall interpretation

Summary of results

- 6.2.1 Generally the material recovered both by fieldwalking and metal detecting was evenly spread across and along the route (see Figures 6 and 7). The presence of post-medieval material in the form of pottery, tile and metalwork is interpreted as the result of spreading manure onto the fields.

- 6.2.2 The struck flint did not include any large concentrations of material that might indicate foci of archaeological activity, but the general distribution did indicate the potential for a Neolithic-Bronze Age site in the area. Features of this date were found at the very west end of the route during excavations for the CTRL (MoLAS 2001), and a slight concentration of struck flint, including one or two tools, was recovered from the undisturbed area adjacent on the south-east. A single Late Upper Palaeolithic long blade (dating to c. 10,000 BC) was recovered from the Pepperhill end of the route, possibly indicating a site in the vicinity. A slight concentration of struck flint also occurs in the area adjacent to Tollgate junction (Figure 4), which is interesting given the absence of any evidence in the MoLAS evaluation of this area (MoLAS 1997b). Neolithic and Early Bronze Age occupation is however often found as spreads of surface material, and need not result in negative features such as pits.
- 6.2.3 Much burnt flint was present, which can indicate prehistoric (and later) occupation sites, indeed a possible prehistoric hearth containing much burnt flint was found at the very west end of the proposed route during excavations for the CTRL (MoLAS 2001). The distribution of burnt flint showed no particular concentrations, however, and it is uncertain whether this material is actually ancient or results from stubble burning.
- 6.2.4 No pottery of Neolithic, Bronze Age or Iron Age date was recovered, nor any other finds of clearly Iron Age date despite the presence of cropmarks within the route corridor extending from a Middle to Late Iron Age site excavated just to the south (on the line of the CTRL).
- 6.2.5 A very small quantity of Roman and medieval coins, pottery and tile was recovered spread along the route, and is not surprising given that there are known Roman and medieval sites along the CTRL immediately south of the route (see Archaeological background above). A positive correlation was established between the Roman enclosures seen as cropmarks extending across the route just west of Tollgate and a small group of Roman coins and pottery sherds.

Significance

- 6.2.6 The fieldwalking and metal detector surveys have not revealed any foci of significant archaeological activity within the proposed route corridor. The spread of struck flint clearly indicates the potential for early prehistoric sites in the area, and the burnt flint may also relate to prehistoric activity, but there are no clear foci. Much of the western part of the fieldwalked route lies towards the bottom of a former tributary of the river Ebbsfleet, now a dry valley, and such features as have been found are deeply buried under colluvium (hillwash). The surface finds may therefore have come from sites further upslope to the south (such as the cremation at Hazell's Farm), though they may simply reflect the transient and scattered nature of domestic activity in the Late Neolithic and Early Bronze Age. The slight concentration towards Tollgate Junction may also indicate that there is more substantial occupation activity buried by colluvium within the dry valley, or may reflect sporadic visits from groups to the area of the Tollgate enclosure.

- 6.2.7 The absence of Bronze Age and Iron Age pottery is not particularly surprising, despite the finds made during trenching along the CTRL and the cropmarks indicating buried features of Iron Age date, as prehistoric pottery is usually low-fired, and is quickly broken down in the ploughsoil. More surprising is the paucity of Roman and medieval finds, given how many sites of these dates have been found by the Channel Tunnel Rail Link immediately to the south, and the proximity of Watling Street to the north.
- 6.2.8 Taken at face value, the surveys would appear to indicate that that the level of activity within the Tollgate Roman enclosures was very low, and that further west Roman and medieval sites do not continue into the line of the proposed route. One explanation might be that the area was of high agricultural value, and so was not occupied. Manuring onto the fields, which has been demonstrated for the post-medieval period by the surveys, was however also a common practice in medieval and Roman times, and had this area been fields considerably more material would have been expected as a result.
- 6.2.9 The results are more likely to reflect the depth of more recent soils overlying any surviving archaeology. Monitoring of Geotechnical pits along the route corridor (OA January 2004) has indicated that the depth of topsoil and subsoil that overlies any surviving archaeology along the route between Pepperhill and Tollgate junction ranged between 0.50-1.20, and was generally 0.7 m or more. This depth of topsoil and subsoil cover means that any surviving archaeology will lie well below the reach of the plough, unless deep ploughing has been carried out. In addition, substantial depths of colluvium (hillwash) have been found in many of the test-pits, and previous investigations for the CTRL have demonstrated that this began to occur in the Late Bronze Age and continued throughout prehistory into the Roman period and beyond (URS 2001). This hillwash may well have buried archaeological sites beneath it.
- 6.2.10 Occasional deep ploughing would explain the occurrence of some earlier finds in the topsoil, including the few Roman finds over the cropmark enclosure at Tollgate. The disparity between the number of prehistoric struck flints that were found and the very small number of Roman and medieval pottery and metal finds is probably due to the durability of flint; weathering and repeated ploughing is likely to have destroyed most pottery and metal finds, whereas struck flints will have survived.
- 6.2.11 Overall, the surveys have demonstrated the possibility of additional prehistoric archaeological sites, principally of the Late Neolithic/ Early Bronze Age, but also potentially of the Late Upper Palaeolithic. The absence of significant quantities of archaeological material on the surface should not however be taken as reliable evidence of the absence of buried archaeology due to the depth of overburden along this section of the proposed route.

APPENDICES

APPENDIX 1 FINDS QUANTIFICATION AND IDENTIFICATION

Transect	Find Type	Quantification	Date/description	Material/type/weight (g)
1	Misc			FE
1	Object			FE
1	Plumb bob			FE
8	Tile	1		27
9	Ceramic	1 sherd	post-med	
9	Button			CA
9	Nail			CA
10	Ceramic	1 sherd	post-med	
11	Tile	1		22
11	Loop			CA
12	Tile	1		12
12	Object/key			CA
13	Tile	1		29
13	Tile	2		32
13	Burnt flint	1		32
13	Ceramic	2 sherds	post-med	
13	Button			CA
15	Burnt flint	1		31
15	Ceramic	1 sherd	post-med	
16	Ceramic	1 sherd	Roman	
16	Nail			CA
16	Nail			CA
16	Vessel			CA
16	Buckle frame			FE
16	Misc			FE
17	Bolt			FE
17	misc			FE
17	Sheet			FE
18	Tile	3		71
18	Strip			CA
19	Ceramic	1 sherd	post-med	
19	Cog			FE
20	Ceramic	2 sherds	post-med	
20	Misc			PB
21	Tile	2		50
21	Burnt flint	3		62
21	Strip			CA
22	Tile	2		35
22	Ceramic	2 sherds	post-med	
22	Button			CA
23	Tile	3		86
23	Strip			PB
24	Tile	2		72
25	Tile	1		27
25	Decorative fitting			CA
25	Misc			PB
26	Tile	2		33

Transect	Find Type	Quantification	Date/description	Material/type/weight (g)
26	Burnt flint	1		64
26	Burnt flint	1		64
26	Ceramic	3 sherds	post-med	
27	Tile	6		166
27	Ceramic	2 sherds	post-med	
27	Button			CA
28	Tile	3		103
28	Ceramic	1 sherd		
29	Tile	2		57
29	Ceramic	3 sherds	post-med	
30	Tile	4		93
30	Ceramic	8 sherds	post-med	
30	Tube			CA
31	Burnt flint	1		52
31	Object			CA
31	Pendant			CA
32	Glass	1 sherd		
32	Key			CA
32	Object			CA
33	Tile	3		87
33	Button			CA
34	Strip			CA
35	Ceramic	2 sherds	post-med	
36	Tile	5		108
37	Tile	3		65
37	Ceramic	2 sherds	post-med	
37	misc			FE
39	Tile	1		8
39	Ceramic	3 sherds	post-med	
41	Misc			FE
41	Nail			FE
42	Tile	2	Brick	147
42	Ceramic	1 sherd	post-med	
42	Misc			CA
43	Glass	1 sherd	post-med	
43	Tile	2		74
43	Object			CA
43	Rod			FE
44	Tile	3		122
44	Burnt flint	1		44
44	Burnt flint	1		44
44	Ceramic	1 sherd	post-med	
44	Misc			CA
45	Tile	3		148
45	Burnt flint	1		41
45	Burnt flint	1		41
45	Ceramic	2 sherds	post-med	
45	Bracket			CA
46	Ceramic	1 sherd	post-med	
47	Tile	2		22
47	Ceramic	1 sherd	post-med	

Transect	Find/Type	Quantification	Date/description	Material type/weight (g)
49	Tile	1		45
49	Ceramic	1 sherd	post-med	
50	Oyster shell	1		
50	Ceramic	1 sherd	post-med	
51	Tile	3		64
52	Tile	8		154
52	Ceramic	2 sherds	post-med	
53	Tile	4		268
54	Tile	2		103
54	Ceramic	1 sherd	post-med	
54	misc			CA
55	Tile	4		170
56	Tile	4		80
57	Tile	3		76
57	Ceramic	1 sherd	post-med	
58	Tile	5		116
58	misc			CA
58	Disc			PB
59	Tile	3		46
59	Ceramic	1 sherd	post-med	
60	Tile	6		228
60	Ceramic	1 sherd	post-med	
61	Tile	1		52
61	Fitting			CA
62	Tile	1		34
62	Ceramic	1 sherd	post-med	
62	Coin			CA
62	Strip			CA
63	Coin	1	Roman coin	
63	Tile	2		66
63	Ceramic	1 sherd	post-med	
63	Coin		Roman	CA
63	Rivet			CA
63	Object			FE
64	Tile	4		102
64	Ceramic	3 sherds	post-med	
64	Object			CA
65	Tile	2		57
65	Ceramic	1 sherd	post-med	
65	Nail			CA
65	Nail			CA
66	Tile	2		42
66	Handle			CA
67	Tile	1		20
67	Ceramic	1 sherd	post-med	
68	Tile	2		94
68	Ceramic	1 sherd	post-med	
68	Misc			CA
69	Tile	2	Brick	178
69	Burnt flint	1		55
69	Ceramic	3 sherds	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
70	Tile	1		36
70	Stud			CA
71	Tile	7		152
71	Burnt flint	1		40
71	Ceramic	4 sherds	post-med	
71	Button			CA
71	Ring			CA
71	Hooked ring			FE
71	Misc			FE
72	Tile	8		166
72	Ceramic	5 sherds	post-med	
73	Tile	9		185
73	Ceramic	5 sherds	post-med	
74	Tile	10		232
74	Ceramic	5 sherds	post-med	
75	Tile	5		87
75	Tile	7		166
75	Ceramic	7 sherds	post-med	
75	Ceramic	2 sherds	post-med	
76	Tile	3		42
77	Tile	1		8
77	Ceramic	1 sherd	post-med	
78	Tile	3		121
78	Ceramic	2 sherds	post-med	
78	Ceramic	1 sherd	post-med	
78	Disc			CA
78	Sheet			CA
79	Tile	2		64
79	Misc			CA
80	Tile	4		182
80	Burnt flint	2		19
80	Ceramic	1 sherd	post-med	
80	Coin			CA
81	Tile	11	Brick	328
82	Tile	7		182
83	Tile	7	Brick	429
84	Tile	4		275
84	Ceramic	3 sherds	post-med	
85	Tile	5		116
86	Coin	1	Roman coin	
86	Coin		Roman	CA
87	Tile	2		65
87	Ceramic	1 sherd	post-med	
88	Ceramic	1 sherd	post-med	
89	Tile	2		52
89	Ceramic	3 sherds	post-med	
90	Tile	5		111
90	Ceramic	3 sherds	post-med	
91	Tile	10		172
91	Ceramic	1 sherd	post-med	
91	Nail			CA

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
92	Tile	2		58
92	Ceramic	5 sherds	post-med	
92	Strip			CA
93	Tile	6		163
93	Ceramic	4 sherds	post-med	
94	Tile	3		136
94	Tile	9		213
94	Ceramic	7 sherds	post-med	
94	Ceramic	1 sherd	post-med	
94	Button			CA
94	Button			CA
94	Button			CA
94	Button			CA
94	Stud			CA/FE
95	Tile	9		213
95	Ceramic	1 sherd	post-med	
95	Coin			CA
97	Coin			CA
97	Vessel			CA
99	Tile	2		29
99	Disc			PB
100	Tile	3		102
103	Tile	3		45
106	Tile	1		15
107	Tile	2		35
107	Ceramic	1 sherd	post-med	
108	Tile	8		120
109	Tile	4	2 Brick	72
109	Ceramic	1 sherd	post-med	
109	Token			CA
110	Coin			Silver
112	Tile	2	52	52
112	Ceramic	1 sherd	post-med	
113	Tile	4	1 Brick	200
113	Misc			FE
114	Tile	1		20
115	Clay pipe	1 stem	post-med	
115	Tile	1		40
115	Buckle frame			CA
116	Disc			PB
117	Tile	5		124
118	Tile	2		32
119	Tile	3		69
120	Ceramic	1 sherd	post-med	
120	Misc			PB
121	Tile	2		30
121	Ceramic	1 sherd	post-med	
121	tube			PB
122	Burnt flint	4		126
122	Ceramic	1 sherd	post-med	
123	Tile	7	1 Brick	147

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
124	Tile	3		82
125	Sheet			CA
126	Tile	3		106
127	Oyster shell	1		
127	Tile	1		12
127	Burnt flint	1		12
127	Nail			CA
128	Tile	1		39
128	Burnt flint	2		47
129	Tile	1		25
129	Burnt flint	1		96
129	Ceramic	1 sherd	post-med	
130	Tile	1		28
130	Object			FE
131	Tile	6		155
131	Burnt flint	1		42
131	Ceramic	1 sherd	post-med	
131	Disc			CA
132	Tile	4		26
132	Ceramic	1 sherd	post-med	
132	Pellet bell			CA
133	Burnt flint	10		203
133	Ceramic	2 sherds	post-med	
134	Tile	6		72
134	Disc			PB
135	Tile	7		240
135	Ceramic	1 sherd	post-med	
136	Tile	4		87
136	Ceramic	1 sherd	post-med	
137	Tile	2		72
137	Object			FE
138	Burnt flint	6		133
139	Tile	4		133
139	Ceramic	1 sherd	post-med	
140	Tile	2		66
141	Tile	1		33
141	Button			CA
141	Coin			CA
141	Buckle frame			FE
141	Weight/seal			PB
142	Tile	2		87
142	Burnt flint	2		91
143	Tile	2		43
143	Burnt flint	2		110
145	Tile	3		48
145	Burnt flint	1		89
145	Ceramic	1 sherd	post-med	
147	Tile	1		51
148	Tile	3		84
148	Ceramic	1 sherd	post-med	
149	Tile	7		240

Transect	Find/Type	Quantification	Date/description	Material type/weight (g)
150	Tile	1		13
150	Burnt flint	1		46
150	Ceramic	1 sherd	post-med	
150	Button			CA
151	Tile	4		101
151	Ceramic	2 sherds	post-med	
151	Object			CA
152	Tile	3		115
152	Ceramic	3 sherds	post-med	
153	Tile	5		64
154	Burnt flint	4		74
155	Tile	6		221
155	Fitting			CA
156	Tile	7		184
156	Ceramic	6 sherds	post-med	
156	Fitting			CA
156	Object			FE
157	Tile	3		39
157	Ceramic	3 sherds	post-med	
158	Tile	5		89
159	Tile	3		121
159	Ceramic	1 sherd	post-med	
160	Tile	2		37
160	Burnt flint	1		35
160	Ceramic	2 sherds	post-med	
161	Tile	3	1 Brick	218
161	Ceramic	1 sherd	post-med	
162	Glass	1 sherd	post-med	
162	Tile	2		51
163	Burnt flint	1		13
164	Glass	1 sherd	post-med	
164	Tile	1		39
164	Ceramic	2 sherds	post-med	
164	Object			CA
165	Glass	1 sherd	post-med	
165	Clay pipe	1 stem	post-med	
165	Brick	1		90
166	Tile	5	1 Brick	136
167	Tile	2		158
168	Ceramic	1 sherd	post-med	
169	Tile	2		83
170	Tile	3		95
170	Nail			CA
171	Tile	14		300
171	Ceramic	8 sherds	post-med	
172	Tile	2		29
172	Hook			FE
173	Tile	5		140
173	Ceramic	1 sherd	post-med	
174	Tile	6		165
176	Tile	2		58

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
176	Ceramic	1 sherd	post-med	
176	Collar			PB
177	Tile	2		55
177	Burnt flint	1		46
178	Fitting/link			CA
179	Tile	2		53
179	Burnt flint	2		210
179	Ceramic	1 sherd	post-med	
180	Tile	3		61
180	Burnt flint	4		168
181	Oyster shell	1		
181	Tile	4		124
181	Ceramic	1 sherd	post-med	
182	Tile	1		33
182	Ceramic	1 sherd	post-med	
183	Tile	2		185
184	Tile	1		49
184	Ceramic	1 sherd	post-med	
184	nail			CA
184	Vessel			CA
185	Tile	1		32
186	Tile	9		155
186	Coin			CA
186	Fitting			CA
186	Strip			CA
187	Tile	6		151
187	Ceramic	3 sherds	post-med	
188	Tile	1		30
189	Tile	8	1 Brick	181
190	Tile	4		56
190	Ceramic	1 sherd	post-med	
191	Tile	2		45
191	Ceramic	1 sherd	post-med	
192	Tile	1		17
192	Ceramic	1 sherd	post-med	
192	Coin			CA
193	Ceramic	1 sherd	post-med	
194	Tile	2		50
196	Tile	6		86
197	Tile	8		171
197	Ceramic	4 sherds	post-med	
198	Tile	2		33
199	Tile	5		104
200	Tile	5		121
201	Tile	1		29
202	Tile	2		77
202	Ceramic	1 sherd	post-med	
204	Burnt flint	2		39
204	Ceramic	1 sherd	post-med	
205	Tile	2		85
205	Mount/stud			CA

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
205	Rivet			CA
206	Tile	2		35
206	Ceramic	1 sherd	post-med	
207	Burnt flint	3		70
208	Tile	1		41
208	Disc			CA
208	fitting			CA
209	Tile	1		70
209	Ceramic	1 sherd	post-med	
210	Tile	3		92
210	Strip			CA
211	Tile	8		143
211	misc			CA
212	Tile	4		63
212	Misc			PB
213	Tile	10	1 Brick	170
214	Tile	4		40
215	Tile	19		455
215	Ceramic	1 sherd	Roman	
215	Button			CA
216	Tile	1		38
217	Tile	3		139
218	Tile	1		20
220	Tile	1		19
220	Ceramic	2 sherds	post-med	
221	Tile	4		73
222	Tile	5		108
223	Tile	2		72
224	Tile	4		106
224	Burnt flint	1		42
224	Burnt flint	1		42
224	Ceramic	2 sherds	post-med	
224	misc			PB
225	Tile	2		41
225	Burnt flint	5		165
225	Burnt flint	5		164
225	Ceramic	1 sherd	post-med	
226	Tile	1		23
226	Sheet			CA
227	Tile	3		79
228	Tile	4		112
229	Tile	3		106
229	Ceramic	1 sherd	post-med	
230	Tile	7		128
230	Ceramic	4 sherds	post-med	
231	Tile	5		99
231	Ceramic	1 sherd	post-med	
232	Tile	6		593
233	Tile	4	1 Brick	89
234	Tile	5	1 Brick	139
234	Ceramic	1 sherd	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
235	Tile	12		182
235	Ceramic	5 sherds	post-med	
236	Tile	3		65
236	Button			CA
236	Coin			CA
237	Tile	2		36
238	Tile	1		22
239	Tile	1	1 Brick	97
240	Tile	5		123
241	Tile	2		31
241	Burnt flint	2		31
242	Tile	3		56
243	Tile	5		129
244	Tile	2		88
245	Tile	2		32
245	Ceramic	1 sherd	post-med	
246	Tile	1		41
246	Ceramic	1 sherd	post-med	
247	Tile	3		83
247	Ceramic	1 sherd	post-med	
247	Ring			CA
248	Tile	2		66
248	Ceramic	1 sherd	post-med	
249	Tile	6		225
249	Ceramic	1 sherd	post-med	
250	Tile	4		69
251	Tile	6		61
252	Tile	5	1 Brick	137
253	Tile	6		157
254	Tile	5		87
254	Ceramic	1 sherd		
255	Tile	8		231
255	Ceramic	1 sherd	post-med	
256	Tile	4		50
257	Tile	1		26
258	Tile	1		23
258	Ceramic	1 sherd	post-med	
259	Tile	8		235
260	Tile	2		30
261	Tile	8		163
261	Burnt flint	1		147
262	Tile	2		82
262	Burnt flint	1		27
262	Ceramic	1 sherd	post-med	
263	Tile	2		38
263	Ceramic	2 sherds	post-med	
264	Tile	2		48
265	Tile	3		84
265	Ceramic	2 sherds	post-med	
266	Tile	6		130
266	Ceramic	1 sherd	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
266	Ceramic	1 sherd	post-med	
267	Tile	7		288
267	Ceramic	1 sherd	post-med	
268	Tile	8		127
268	Ceramic	3 sherds	post-med	
269	Tile	8		204
269	Ceramic	1 sherd	post-med	
270	Tile	5		198
270	Ceramic	1 sherd	post-med	
271	Tile	3		72
271	Ceramic	2 sherds	post-med	
272	Tile	2		152
273	Tile	7		288
274	Tile	2		46
275	Tile	2	1 Brick	58
276	Tile	4		113
276	Ceramic	1 sherd	post-med	
276	Coin			CA
277	Tile	4		152
277	Ceramic	2 sherds	post-med	
277	Weight			PB
278	Tile	2		82
278	Ceramic	4 sherds	post-med	
278	Strip			CA
279	Tile	4		137
279	Burnt flint	1		2
279	Ceramic	4 sherds	post-med	
279	Button			CA
279	Button			CA
279	Fitting			CA
280	Tile	2		32
280	Ceramic	2 sherds	post-med	
281	Tile	3		30
281	Toy			PB
282	Clay pipe	1 stem	post-med	
282	Tile	1		50
284	Tile	2	1 Brick	50
284	Burnt flint	1		60
285	Brick	1		412
285	Burnt flint	1		28
285	Burnt flint	1		27
285	Button			CA
286	Tile	6		237
287	Tile	7		197
287	Ceramic	1 sherd	post-med	
288	Tile	6		113
288	Ceramic	1 sherd	post-med	
289	Tile	8	1 Brick	479
290	Tile	7	2 Brick	294
290	Ceramic	1 sherd	post-med	
291	Tile	1		25

Transect	Find Type	Quantification	Date/description	Material/type/weight (g)
292	Tile	3		137
292	Ceramic	2 sherds	post-med	
293	Tile	3		55
294	Tile	7		193
295	Tile	6		147
295	Coin			CA
296	Tile	1		21
296	Burnt flint	1		30
296	Ceramic	1 sherd	post-med	
297	Tile	3		125
298	Tile	2		35
298	Burnt flint	1		57
298	Hooked plate			CA
298	Rivet/mount			PB
299	Tile	6		138
299	Burnt flint	3		107
299	Ceramic	2 sherds	post-med	
300	Tile	6		182
301	Tile	3		77
302	Tile	1		54
302	Burnt flint	1		41
302	Ceramic	1 sherd	post-med	
303	Tile	2		89
304	Ceramic	3 sherds	post-med	
305	Coin	1	Medieval coin	
305	Tile	1		71
305	Coin		Medieval	Silver
306	Tile	9		207
306	Burnt flint	2		34
306	Ceramic	4 sherds	post-med	
307	Tile	6		143
307	Burnt flint	2		37
307	Burnt flint	2		58
307	Ceramic	3 sherds	post-med	
307	Ceramic	1 sherd	post-med	
307	Handle/knop			CA
308	Tile	5		88
308	Ceramic	3 sherds	post-med	
309	Tile	11		294
309	Ceramic	2 sherds	post-med	
310	Tile	5		149
310	Ceramic	2 sherds	post-med	
311	Tile	1		37
311	Burnt flint	1		61
312	Tile	1		19
312	Burnt flint	1		36
313	Tile	2		100
313	Ceramic	1 sherd	post-med	
314	Tile	4		119
314	Burnt flint	1		55
314	Ceramic	1 sherd	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
316	Tile	8	1 Brick	191
316	Ceramic	5 sherds	post-med	
317	Tile	4		143
317	Tile	6	1 Brick	230
317	Burnt flint	2		18
317	Ceramic	3 sherds	post-med	
317	Ceramic	3 sherds	post-med	
318	Tile	7		176
318	Ceramic	2 sherds	post-med	
319	Tile	4		89
319	Ceramic	1 sherd	post-med	
320	Tile	6		141
320	Ceramic	6 sherds	post-med	
320	Button			CA
321	Tile	3		95
321	Ceramic	7 sherds	post-med	
322	Tile	9		226
322	Ceramic	1 sherd	post-med	
323	Tile	8		173
323	Burnt flint	3		127
323	Ceramic	4 sherds	post-med	
324	Tile	2		39
324	Ceramic	3 sherds	post-med	
325	Tile	2		57
325	Burnt flint	1		8
326	Tile	3		71
326	Ceramic	1 sherd	post-med	
327	Tile	4		307
328	Clay pipe	1 stem	post-med	
328	Tile	4		74
328	Ceramic	1 sherd	post-med	
328	Nail			CA
329	Tile	10		225
329	Ceramic	1 sherd	post-med	
330	Tile	6		150
330	Ceramic	3 sherds	post-med	
331	Tile	6		108
331	Ceramic	1 sherd	post-med	
332	Tile	3		87
333	Tile	10	1 Brick	438
333	Ceramic	2 sherds	post-med	
334	Tile	8		227
334	Ceramic	2 sherds	post-med	
335	Tile	5		184
335	Ceramic	2 sherds	post-med	
335	Nail			CA
336	Tile	2		75
337	Tile	4		95
337	Ceramic	1 sherd	post-med	
338	Tile	4		87
339	Tile	6		139

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
340	Tile	2		21
340	Tile	4		76
340	Ceramic	2 sherds	post-med	
340	Ceramic	1 sherd	post-med	
341	Tile	2		90
342	Ceramic	1 sherd	post-med	
343	Oyster shell	1		
343	Tile	4		109
344	Tile	3		79
345	Tile	5		130
345	Ceramic	1 sherd	post-med	
346	Tile	2		25
346	Ceramic	2 sherds	post-med	
347	Tile	11		330
348	Tile	14		298
348	Ceramic	4 sherds	post-med	
349	Tile	11	2 Brick	352
349	Ceramic	2 sherds	post-med	
350	Tile	7		149
351	Tile	2		36
352	Tile	3		35
352	Coin			CA
353	Tile	5		139
354	Tile	4		100
355	Tile	4		195
356	Tile	6		174
357	Tile	5		81
357	Ceramic	2 sherds	post-med	
357	Fitting			PB
358	Tile	5		127
359	Tile	3		76
359	Ceramic	2 sherds	post-med	
359	Spur			CA
360	Tile	2		64
360	Ceramic	6 sherds	post-med	
361	Tile	5		106
361	Burnt flint	4		168
361	Burnt flint	4		168
361	Ceramic	2 sherds	post-med	
362	Tile	2		57
362	Burnt flint	1		9
362	Burnt flint	1		9
362	Ceramic	4 sherds	post-med	
363	Tile	2		91
363	Tile	5		175
363	Burnt flint	1		23
363	Burnt flint	1		24
363	Ceramic	1 sherd	post-med	
364	Tile	2		36
364	Burnt flint	2		20
364	Burnt flint	2		20

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
364	Ceramic	1 sherd	post-med	
365	Tile	6		128
365	Burnt flint	1		9
365	Burnt flint	1		9
365	Ceramic	5 sherds	post-med	
365	Nail			CA
366	Tile	6		114
366	Burnt flint	1		25
366	Burnt flint	1		25
366	Ceramic	1 sherd	post-med	
366	Token			PB
367	Tile	3		75
367	Burnt flint	1		20
367	Ceramic	1 sherd	post-med	
368	Tile	3		63
369	Tile	7		160
370	Tile	2		44
371	Tile	4		77
371	Ceramic	1 sherd	post-med	
372	Tile	4		110
373	Tile	4		106
374	Tile	5		134
375	Tile	7		115
376	Tile	8		184
376	Burnt flint	1		134
377	Tile	8		321
378	Tile	7		173
379	Coin	2	Roman coin	
379	Tile	14		276
379	Coin		Roman	CA
379	Coin		Roman	CA
380	Tile	9	2 Brick	327
380	Ceramic	1 sherd	post-med	
381	Tile	3		50
381	Burnt flint	1		23
381	Burnt flint	1		23
381	Ceramic	1 sherd	post-med	
382	Glass	1 sherd	post-med	
382	Tile	2		45
382	Ceramic	6 sherds	post-med	
383	Burnt flint	4		61
383	Burnt flint	4		61
383	Ceramic	2 sherds	post-med	
384	Tile	7		186
384	Burnt flint	1		39
384	Burnt flint	1		39
384	Ceramic	1 sherd	post-med	
385	Tile	4		128
385	Ceramic	2 sherds	post-med	
386	Tile	4		88
386	Ceramic	2 sherds	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
387	Tile	6		100
388	Tile	4		118
389	Tile	1		11
389	Ceramic	2 sherds	post-med	
390	Tile	6		127
390	Ceramic	4 sherds	post-med	
391	Tile	5		77
391	Ceramic	1 sherd	post-med	
392	Tile	3		61
393	Tile	3		36
393	Ceramic	2 sherds	post-med	
394	Tile	5		110
394	Ceramic	2 sherds	post-med	
395	Tile	1		25
396	Tile	7		135
396	Ceramic	1 sherd	post-med	
397	Tile	6		91
397	Burnt flint	2		101
397	Ceramic	2 sherds	post-med	
398	Tile	6		99
398	Ceramic	1 sherd	post-med	
398	Bar			CA
399	Tile	5	3 Brick	406
399	Ceramic	2 sherds	post-med	
401	Tile	9		286
402	Tile	3		65
402	Ceramic	1 sherd	post-med	
403	Tile	5		69
404	Tile	3		56
404	Ceramic	1 sherd	post-med	
405	Tile	3		45
405	Burnt flint	3		117
405	Ceramic	1 sherd	post-med	
405	Disc			CA
406	Tile	4		95
407	Tile	3		93
407	Ceramic	1 sherd	post-med	
409	Tile	1		25
409	Ceramic	1 sherd	post-med	
410	Tile	3	1 Brick	142
410	Ceramic	1 sherd	post-med	
411	Tile	6		108
411	Ceramic	1 sherd	Roman	
412	Tile	5		97
412	Burnt flint	1		59
412	Ceramic	1 sherd	post-med	
413	Coin	1	Roman coin	
413	Tile	2		48
413	Burnt flint	4		348
413	Coin		Roman	CA
414	Tile	3		33

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
414	Ceramic	1 sherd	post-med	
414	Rivet/mount			PB
415	Tile	6		152
416	Tile	4		123
416	Ceramic	3 sherds	post-med	
416	Bar			CA
417	Tile	6		130
417	Ceramic	2 sherds	post-med	
418	Tile	9		194
418	Ceramic	1 sherd	post-med	
419	Tile	4		108
419	Ceramic	1 sherd	post-med	
420	Tile	8		143
421	Tile	6		177
421	Burnt flint	7		232
421	Buckle frame			CA
421	Coin			CA
421	Hooked plate			CA
422	Tile	3		115
423	Tile	1		46
424	Tile	4		72
425	Tile	6		73
425	Misc			CA
426	Tile	1		16
426	Key			CA
427	Tile	2		62
427	Ceramic	1 sherd	post-med	
428	Glass	1 sherd	post-med	
428	Tile	2		122
428	Burnt flint	1		41
429	Tile	3		222
429	Burnt flint	5		150
429	Ceramic	1 sherd	post-med	
430	Tile	1		28
430	Ceramic	1 sherd	post-med	
431	Tile	7		153
431	Burnt flint	2		77
432	Tile	7		105
433	Tile	5		113
434	Tile	3		70
435	Tile	10		241
436	Tile	9		170
437	Tile	7	1 Brick	252
438	Tile	3		87
439	Tile	5		132
440	Glass	1 sherd	post-med	
440	Tile	4	1 Brick	147
440	Ceramic	1 sherd	post-med	
441	Glass	1 sherd	post-med	
441	Tile	2		47
441	Burnt flint	2		57

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
441	Burnt flint	2		57
441	Ceramic	1 sherd	post-med	
442	Tile	3		50
442	Burnt flint	2		70
442	plate			CA
443	Tile	1		17
443	Burnt flint	1		27
443	Burnt flint	1		27
443	Ceramic	2 sherds	post-med	
444	Tile	1		43
444	Burnt flint	2		68
444	Burnt flint	2		68
444	Ceramic	1 sherd	post-med	
445	Tile	4		122
445	Burnt flint	1		29
445	Burnt flint	1		29
445	Ceramic	1 sherd	post-med	
445	Sheet			FE
446	Tile	3		79
446	Ceramic	1 sherd	post-med	
446	Sheet			CA
447	Tile	1		14
447	Ceramic	3 sherds	post-med	
448	Tile	5		145
448	Tile	3		62
448	Burnt flint	2		135
448	Burnt flint	4		113
448	Burnt flint	2		134
448	Burnt flint	4		113
448	Ceramic	1 sherd	post-med	
448	Ceramic	1 sherd	post-med	
449	Tile	2		30
449	Tile	2		26
449	Burnt flint	7		289
449	Burnt flint	7		289
449	Burnt flint	5		176
449	Burnt flint	4		133
449	Ceramic	1 sherd	post-med	
450	Tile	2		59
450	Burnt flint	2		52
450	Burnt flint	2		52
450	Ceramic	1 sherd	post-med	
450	Fitting/link			CA
450	Ring			FE
451	Tile	2		44
451	Burnt flint	5		199
451	Burnt flint	5		199
451	Ceramic	3 sherds	post-med	
451	Lock plate			CA
452	Tile	4		108
452	Burnt flint	5		138

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
452	Bell			CA
453	Tile	4		121
453	Burnt flint	1		9
454	Tile	2		46
454	Burnt flint	1		40
454	Burnt flint	1		41
454	Ceramic	2 sherds	post-med	
454	Bracelet			CA
454	fitting			PB
455	Tile	4		84
455	Burnt flint	3		62
455	Burnt flint	3		62
455	Ceramic	2 sherds	Medieval	
456	Tile	8		214
456	Ceramic	2 sherds	post-med	
457	Tile	4		47
457	Ceramic	2 sherds	post-med	
458	Tile	6		170
459	Tile	2		17
459	Ceramic	3 sherds	post-med	
460	Tile	3		44
460	Burnt flint	2		44
460	Burnt flint	2		42
460	Ceramic	1 sherd	post-med	
461	Tile	6		85
461	Ceramic	1 sherd	post-med	
464	Ceramic	1 sherd	post-med	
465	Tile	5		194
465	Ceramic	1 sherd	post-med	
466	Tile	11		210
466	Burnt flint	2		96
466	Ceramic	2 sherds	post-med	
466	Nail			CA
467	Tile	6		123
467	Tile	6		101
467	Ceramic	2 sherds	post-med	
468	Tile	3		59
468	Ceramic	3 sherds	post-med	
469	Tile	2		36
469	Ceramic	3 sherds	post-med	
469	Disc			CA
470	Tile	6		193
470	Ceramic	1 sherd	post-med	
471	Tile	10		143
471	Object			CA
471	Rivet/mount			PB
473	Tile	?		193
473	Ceramic	2 sherds	post-med	
474	Tile	5		124
474	Ceramic	2 sherds	post-med	
475	Tile	6		173

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
475	Ceramic	3 sherds	post-med	
475	Misc			PB
476	Tile	5		113
476	Ceramic	5 sherds	post-med	
477	Tile	11		279
477	Ceramic	1 sherd	post-med	
478	Tile	4		136
478	Ceramic	1 sherd	post-med	
478	Pellet bell			CA
479	Tile	2		57
479	Ceramic	1 sherd	post-med	
479	Ring			CA
480	Tile	4		107
482	Burnt flint	1		39
483	Ceramic	1 sherd	post-med	
486	Tile	3		62
487	Tile	3		33
488	Tile	1		30
489	Tile	3		39
490	Tile	4		94
491	Tile	6		121
492	Tile	7		99
492	Misc			FE
493	Tile	2	1 Brick	160
494	Tile	1		26
495	Tile	7		148
496	Tile	2		38
496	Ceramic	1 sherd	Medieval	
497	Tile	2		50
498	Tile	1		41
499	Clay pipe	1 stem	post-med	
499	Tile	1		14
500	Glass	1 sherd	post-med	
500	Tile	1		24
501	Tile	2		30
501	Ceramic	1 sherd	post-med	
501	Loop			CA
502	Tile	3		65
503	Tile	2		65
504	Tile	1		19
505	Tile	4		87
506	Tile	8		291
506	Ceramic	2 sherds	post-med	
507	Tile	7		138
507	Ceramic	1 sherd	post-med	
508	Tile	9		167
509	Tile	4		104
509	Ceramic	1 sherd	post-med	
510	Tile	2		34
510	Vessel			CA
510	Misc			PB

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
511	Tile	3		63
511	Ceramic	5 sherds	post-med	
512	Tile	2		132
512	Burnt flint	1		38
512	Burnt flint	3		206
512	Ceramic	2 sherds	post-med	
513	Tile	3		56
513	Burnt flint	1		22
514	Tile	3		80
515	Tile	1		12
516	Tile	3		108
516	Ceramic	3 sherds	post-med	
516	mount			CA
516	Misc/yotting			PB
517	Tile	2		38
517	Ceramic	1 sherd	post-med	
518	Tile	4		79
518	Ceramic	1 sherd	post-med	
519	Tile	3		60
519	Burnt flint	1		45
520	Tile	1		17
520	Burnt flint	2		73
520	Ceramic	1 sherd	post-med	
521	Tile	7		155
522	Tile	3		75
523	Tile	3		83
523	Ceramic	1 sherd	post-med	
524	Tile	5		85
524	Ceramic	1 sherd	post-med	
525	Tile	3		17
526	Tile	4		128
526	Ceramic	1 sherd	post-med	
531	Tile	5		127
532	Tile	4		57
532	Ceramic	1 sherd	post-med	
533	Tile	2		35
535	Tile	5		115
536	Tile	8		169
536	Burnt flint	2		29
537	Tile	2		31
537	Tile	9		204
537	Burnt flint	1		36
538	Tile	8		165
538	Tile	4		134
538	Tile	5		150
538	Brooch			Silver/ glass
539	Tile	2		41
539	Burnt flint	2		50
539	Burnt flint	1		18
539	Fitting/link			CA
540	Tile	8		207

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
540	Burnt flint	1		12
540	Burnt flint	1		29
540	Ceramic	1 sherd	post-med	
540	Misc			PB
541	Tile	3	1 Brick	145
542	Tile	2		40
543	Tile	4		151
543	Ceramic	1 sherd	post-med	
544	Tile	7		126
545	Tile	4		199
545	Burnt flint	1		85
545	Ceramic	1 sherd	post-med	
546	Tile	6		85
547	Tile	3		68
547	Ceramic	1 sherd	post-med	
548	Tile	1		15
549	Tile	2		39
550	Tile	4		56
551	Tile	4		119
551	Ceramic	1 sherd	post-med	
552	Tile	2		39
553	Tile	4		111
553	Ceramic	1 sherd	post-med	
554	Tile	8		237
554	Ceramic	1 sherd	post-med	
555	Tile	4		101
555	Ceramic	1 sherd	post-med	
556	Ceramic	1 sherd	post-med	
557	Tile	1		9
557	Burnt flint	1		12
558	Tile	1		14
558	Burnt flint	1		17
558	Button			CA
559	Tile	1		14
560	Tile	2		30
560	Burnt flint	5		159
561	Tile	2		45
562	Tile	1		14
563	Tile	5		96
563	Tile	3		40
564	Tile	5		133
565	Tile	1		18
565	Burnt flint	1		68
566	Tile	4		54
566	Token			CA
567	Tile	4	1 Brick	233
568	Tile	3		80
568	Ceramic	1 sherd	post-med	
569	Tile	5		114
570	Tile	6		200
571	Tile	1		34

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
571	Burnt flint	2		123
572	Tile	2		33
572	Burnt flint	1		81
572	Ceramic	1 sherd	post-med	
573	Tile	2		57
574	Tile	5	1 Brick	124
575	Tile	2		24
576	Tile	4	1 Brick	184
576	Ceramic	1 sherd	post-med	
577	Tile	7		122
578	Tile	3		104
579	Tile	3		114
580	Tile	7		70
581	Tile	4		54
582	Tile	2		32
584	Tile	4		72
585	Tile	6		158
585	Musket ball			PB
586	Tile	2		37
586	Burnt flint	1		56
586	misc			CA
587	Tile	3		80
588	Tile	2		45
588	Burnt flint	1		30
589	Tile	1		12
590	Tile	1		31
590	Burnt flint	1		52
591	Tile	1		19
592	Tile	5		130
593	Tile	4		90
594	Tile	3		39
594	Misc			CA
595	Tile	5		109
596	Tile	3		55
597	Tile	6		128
598	Tile	4		73
599	Ceramic	1 sherd	post-med	
600	Tile	1		18
600	Musket ball			PB
601	Tile	5		124
601	Spillage/ waste.			CA
602	Tile	8		196
603	Tile	5		108
604	Tile	4		111
605	Tile	1		34
605	Ring			FE
606	Tile	2		18
607	Tile	2		32
608	Tile	7		235
609	Tile	7		158
610	Tile	2	1 Brick	71

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
610	Fitting			CA
611	Tile	1		54
611	Burnt flint	6		68
611	Ceramic	1 sherd	post-med	
612	Tile	4		64
612	Burnt flint	4		200
613	Tile	1		22
613	Burnt flint	2		83
613	Ceramic	1 sherd	post-med	
614	Tile	4		64
614	Burnt flint	3		95
615	Tile	4		92
615	Burnt flint	4		144
616	Tile	7		94
616	Buckle plate			CA
617	Tile	8		228
617	Ceramic	1 sherd	post-med	
618	Tile	8	1 Roman	244
619	Tile	4		134
620	Tile	9		115
620	Burnt flint	2		80
621	Tile	2		70
622	Tile	1		76
622	Burnt flint	1		71
623	Burnt flint	1		53
624	Tile	2		64
624	Coin			CA
625	Tile	2		53
626	Ceramic	1 sherd	post-med	
627	Tile	2		62
628	Tile	3		70
629	Tile	4		41
629	Ceramic	1 sherd	post-med	
630	Tile	2		25
632	Tile	1		6
633	Tile	1		39
634	Tile	2		22
636	Mount			CA
638	Tile	1		91
639	Tile	1		25
640	Glass	1 sherd	post-med	
640	Tile	1		13
641	Tile	2		44
641	Burnt flint	1		54
645	Tile	2		35
645	Burnt flint	1		9
645	Ceramic	1 sherd	post-med	
646	Tile	1		24
646	Burnt flint	2		82
646	Ceramic	1 sherd	post-med	
647	Tile	2		56

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
651	Tile	3		31
651	Misc			PB
652	Tile	3		96
653	Tile	1		25
656	Tile	3		122
656	Burnt flint	1		30
657	Tile	6		120
658	Tile	4		67
659	Tile	2		29
660	Tile	3		134
661	Tile	2		39
661	Coin			CA
661	Object			CA
662	Tile	2	1 Brick	141
663	Tile	1		20
663	Burnt flint	2		51
663	Ceramic	1 sherd	post-med	
663	Disc			CA
663	Sheet			FE
664	Tile	1		5
664	Ceramic	1 sherd	post-med	
665	Tile	4		86
665	Burnt flint	1		38
665	Ceramic	2 sherds	post-med	
665	Bolt			FE
666	Burnt flint	1		22
666	Button			CA
666	Button/stud			CA
666	misc			CA
666	Sheet			FE
666	Object			PB
666	weight/seal			PB
667	Fitting			CA
667	Nail			FE
667	Strip			FE
667	Strip			Tin
668	weight			PB
670	Tile	5		119
670	Misc			FE
671	Tile	2		44
671	Burnt flint	1		20
671	Burnt flint	1		39
671	Strip			FE
672	Tile	2		51
672	Burnt flint	1		62
672	Burnt flint	1		62
672	Burnt flint	1		82
672	Ceramic	1 sherd	post-med	
672	Disc			CA
672	Ring			CA
672	Misc			PB

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
673	Tile	5		109
673	Burnt flint	1		35
673	Burnt flint	1		35
673	Ceramic	2 sherds	post-med	
673	Button			CA
673	Rivet/stud			CA
674	Tile	2		63
674	Burnt flint	3		66
675	Tile	5		117
675	Coin			CA
675	Rivet			CA
675	Misc			FE
675	Nail			FE
675	Misc			PB
675	Musket ball			PB
675	Sheet			PB
676	Tile	3		86
676	Button			CA
677	Tile	1		7
677	Strip			FE
678	Tile	2		39
678	Ceramic	1 sherd	post-med	
679	Tile	4		73
679	Vessel			CA
679	Disc			PB
680	Tile	9	1 Brick	268
680	Ceramic	3 sherds	post-med	
680	Hook			CA
680	Sheet			CA
680	Strip/handle			PB
681	Tile	1		8
681	Nail			FE
682	Tile	4		66
683	Tile	5		138
683	Ceramic	1 sherd	post-med	
683	Strip			FE
684	Ceramic	1 sherd	post-med	
685	Tile	9		216
685	Token			CA
686	Tile	7		128
686	Ceramic	1 sherd	post-med	
687	Tile	2		58
687	Ceramic	2 sherds	post-med	
687	Button			CA
688	Tile	3		63
688	Tile	5	2 Brick	461
689	Tile	4		83
689	Tile	5		113
689	Ceramic	1 sherd	post-med	
689	Nail			FE
689	Nail			FE

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
690	Tile	3		91
692	Burnt flint	1		201
692	Rivet			CA
692	Ring			PB
694	Tile	1		11
694	Burnt flint	1		20
695	Tile	2		21
695	Ceramic	1 sherd	post-med	
696	Tile	1		28
696	Button			CA
696	link			FE
696	Misc			FE
697	Tile	3		122
698	Tile	3		76
698	Ceramic	1 sherd	post-med	
698	Button			CA
698	Nail			FE
699	Tile	6		88
699	Ceramic	1 sherd	post-med	
700	Tile	3		77
701	Tile	3		48
701	Ceramic	1 sherd	post-med	
702	Tile	6		114
703	Tile	4		91
703	Burnt flint	2		61
704	Brick	1		17
704	Ceramic	2 sherds	post-med	
705	Tile	2		38
706	Tile	1		15
707	Tile	7		124
707	Object			FE
708	Tile	4		77
708	Burnt flint	1		14
708	Strip			FE
709	Tile	5		92
709	Ceramic	1 sherd	post-med	
710	Tile	2		34
711	Tile	2		35
711	Burnt flint	4		186
711	Ceramic	1 sherd	post-med	
711	Misc			CA
711	Misc			FE
711	Weight			PB
712	Tile	3		55
712	Burnt flint	3		154
713	Tile	4		102
713	Ceramic	1 sherd	post-med	
714	Tile	4		53
715	Tile	2		56
715	Burnt flint	1		42
715	Ceramic	1 sherd	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
715	Fitting			CA
715	Sheet			FE
715	Misc			PB
716	Tile	5		105
716	Burnt flint	2		82
718	Tile	6		90
718	Ceramic	1 sherd	post-med	
718	Ceramic	1 sherd	post-med	
719	Tile	7		113
720	Tile	2		35
720	Nail			FE
721	Tile	5		71
721	Ceramic	1 sherd	post-med	
722	Tile	2		15
722	Burnt flint	1		145
722	Burnt flint	2		129
723	Tile	7		164
724	Tile	14		256
725	Tile	8		143
725	Ceramic	1 sherd	Medieval	
726	Tile	7		131
727	Tile	3		34
727	Horseshoe			FE
727	Plumb bob			PB
728	Tile	3		63
729	weight			CA
730	Tile	52 Brick		428
730	Ceramic	1 sherd	post-med	
731	Tile	3		31
732	Tile	3		48
733	Tile	2 1 Brick		82
733	Spillage/ waste			PB
734	Tile	2		55
734	Ceramic	1 sherd	post-med	
735	Tile	1		29
735	Ceramic	1 sherd	post-med	
736	Tile	2		22
738	Tile	2		67
739	Tile	1		28
741	Tile	2		94
741	Burnt flint	1		21
741	Burnt flint	1		21
742	Tile	3		40
743	Tile	4		74
744	Tile	1		15
745	Tile	9		114
746	Tile	1		19
747	Tile	2		35
747	Burnt flint	2		60
747	Burnt flint	2		60
748	Ceramic	2 sherds	post-med	

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
749	Tile	1		27
749	Burnt flint	1		31
749	Burnt flint	1		31
749	Ceramic	1 sherd	post-med	
750	Tile	2		38
750	Burnt flint	1		61
750	Burnt flint	1		61
750	Ceramic	1 sherd	post-med	
751	Tile	3		77
752	Tile	3		62
753	Tile	1		27
754	Tile	3		117
754	Ceramic	1 sherd	post-med	
755	Tile	3		89
755	Ceramic	1 sherd	post-med	
756	Brick	3		388
757	Tile	6		177
758	Tile	6		146
759	Tile	5		74
760	Tile	1		69
761	Tile	2		71
762	Tile	1		25
763	Tile	3		109
763	Ceramic	1 sherd	post-med	
764	Tile	3		72
765	Tile	2		165
766	Tile	2		36
767	Tile	6		126
768	Tile	3		85
769	Tile	2		33
770	Tile	5		88
771	Tile	5		114
772	Tile	3		89
773	Tile	4		60
773	Ceramic	1 sherd	post-med	
774	Tile	3		90
774	Tile	1		11
775	Tile	1		20
776	Tile	2		36
776	Tile	2		70
776	Burnt flint	1		9
777	Tile	1		20
777	Burnt flint	1		47
777	Ceramic	1 sherd	post-med	
777	Ceramic	2 sherds	post-med	
778	Tile	1		37
780	Tile	6		111
1002	Burnt flint	2		172
1006	Vessel			PB
1011	Burnt flint	1		76
1011	Button			CA

Transect	Find Type	Quantification	Date/description	Material type/weight (g)
1012	Burnt flint	1		50
1014	misc			CA
1015	Button			CA
1020	Burnt flint	1		32
1021	Sheet			PB
1023	Vessel frag			Pewter
1032	Sheet			CA
1036	Burnt flint	1		68
1037	Burnt flint	2		33
1037	Burnt flint	1		114
1037	Button			FE
1042	Object			FE
1043	Burnt flint	1		100
1044	Coin			CA
1044	Nail			CA
1045	Coin	1	French Napoleon III (1808-1873)	
1056	Shoe buckle			CA
1057	Frame			CA
1061	Nail			FE
1092	Tube/pipe			FE
71A	Seal			PB

APPENDIX 2 CERAMIC ASSEMBLAGE**By Paul Booth***Pottery*

Some 569 sherds of pottery were recovered in the fieldwalking (Figure 6). These were quantified by count of major period per collection unit. Four sherds were of Roman date, 4 medieval, 559 post-medieval and 2 uncertain within a date range from Roman to post-medieval. There was no prehistoric material and no concentrations of pottery of any period. The pottery was in moderate condition; sherds were not particularly abraded nor particularly small, though the latter characteristic could have been a consequence of selection/visibility in the field.

The Roman sherds were one fragment each of sandy reduced coarse ware (collection unit 16), South Gaulish samian ware (129), grog-tempered oxidised coarse ware (215) and shell-tempered coarse ware (411). The probable medieval sherds were from collection units 455 (2 sherds), 496 and 725. All were sandy coarse wares, one from 455 reduced and the rest oxidised. The latter included a fragment of a rod handle (496). The 'uncertain' sherds, from collection units 28 and 254, were both undiagnostic oxidised pieces. The remaining material, all of post-medieval date, was widely distributed and unremarkable. A very high proportion of the sherds were in glazed red earthenwares or were from unglazed oxidised flower pots. Very little if any of this material is likely to have been of early post-medieval (16th-17th century) date.

Ceramic building material

A relatively large quantity of ceramic building material was recovered. Like the pottery, much of this was evidently of later post-medieval to modern date and was discarded after being summarily recorded. A small selection of pieces was retained for examination, including all those fragments that might have been of earlier date. Together there were 29 fragments probably or certainly of post-medieval date and four fragments probably or possibly of Roman date. These, from collection units 249, 367, 618 and 752, comprised a possible imbrex fragment and three possible tegula fragments. None of these pieces was conclusively identifiable on morphological grounds, however, and attribution to the Roman period was on the basis of the combination of form and fabric, the latter being generally less sandy than those observed in the indisputably post-medieval material.

APPENDIX 3 WORKED FLINT**By Kate Cramp**

A total of 143 struck flints were recovered from 116 transects during fieldwalking (Tables 1 & 2) (Figure 4). A single piece of burnt unworked flint (194 g) was also retrieved. The assemblage is thinly spread across the contexts, and probably dates largely to the later Neolithic and Bronze Age. The presence of a thumbnail scraper indicates an early Bronze Age element, and it is conceivable that much of the debitage is contemporary with this piece.

With a very limited number of exceptions, the flints are in extremely poor condition and have clearly been repeatedly redeposited. The majority exhibit severe post-depositional damage, including plough-notched edges and heavily rolled surfaces. Fresh pieces were recovered from transects 155, 293, 385, 516, 688, 697 and 700, although several of these are likely to represent modern, mechanically struck pieces. Although a light, incipient cortication was noted on a few pieces, the flints are mostly uncorticated.

The colour of the flint varies through brown and black and includes a few pale yellow or grey pieces. Cherty inclusions and thermal fractures are often present, and may have affected the knapping quality of the flint. The cortex is stained and abraded, suggesting a gravel flint source. The presence of several unworked pieces implies that the flint occurs locally, and may have been collected from nearby river gravel deposits. A single flake of bullhead flint was recovered from context 182. This flint type is characterised by a thin orange band underlying a green-black cortex, and can be found at the base of the Reading Beds (Dewey and Bromehead 1915; Shepherd 1972, 114).

The assemblage is dominated by flakes, which largely consist of thick, hard-hammer products that are likely to belong to a later prehistoric industry. Platform edge abrasion can occasionally be distinguished, but does not appear to have played a particularly important role in the reduction sequence. The low number of blades and bladelike flakes (six pieces) also suggests that most of the material dates to the later Neolithic and Bronze Age (Pitts and Jacobi 1979; Ford 1987, 79).

One exception is the long blade from context 1058, which is unlikely to post-date the Mesolithic and could date to the late Upper Palaeolithic. This piece consists of a very large, soft-hammer blade with a faceted platform and platform edge abrasion. A short length of direct retouch with rounded use-wear is present on the proximal right-hand edge. The proximity of another large bladelike flake from context 1060 may be significant.

Four formal cores are present, all of which have been directed at the production of flakes and range in weight from 27 g to 130 g. One hammerstone, made on a reused flake core weighing 124 g, was recovered from context 448. A later Neolithic or Bronze Age date is most appropriate for these pieces, and they are therefore likely to belong to the same industry as the bulk of the debitage.

The retouched component is restricted to four pieces, an unusually low proportion that is probably largely due to the obscuring effects of plough damage. Within this group, three scrapers and one piercer were identified. The thumbnail scraper has been minimally retouched on a circular secondary flake and can be dated to the early Bronze Age. The end scraper (context 668) and end-and-side scraper (context 238) are not as closely datable, but would be consistent with a later Neolithic or Bronze Age technology. The example from context 238 is particularly crude and heavy, and may date towards the later end of this range. The possible piercer (context 624) consists of an extensively damaged flake with some apparently genuine retouch accentuating the distal right-hand spur.

The material is in very poor condition and forms a thin redeposited scatter, which rather limits the potential and value of detailed further analysis.

Table 1: Summary of the flint.

Category:	Total:
Flake	114
Blade-like flake	3
Blade	3
Irregular waste	10
Chip	1
Multi-platform flake core	2
Core on a flake	2
Tested nodule	3
End scraper	1
End-and-side scraper	1
Thumbnail scraper	1
Piercer	1
Hammerstone	1
Burnt unworked flint	1
Total:	144

Table 2: All flint, by type and by context.

Context:	Flake	Blade-like flake	Blade	Irregular waste	Chip	Multi-platform flake core	Core on a flake	Tested nodule	End scraper	End-and-side scraper	Thumbnail scraper	Piercer	Hammerstone	Burnt unworked flint	Total:
26	1														1
34	3			1											4
41	1														1
42						1									1
45	1														1
62	1														1
68	1	1													2
73	2														2
82	1														1
115	1														1
121	1														1
123	1														1
127				1											1
130							1								1
134	2														2
142	1														1
150	1			1											2
153	1														1
155	1														1
157	1														1
170	1														1
182	1														1
183	1					1									2
194	1														1
202	1														1
221	1														1
227	2														2
238										1					1
246							1								1
251				1											1
258	1														1
270	1														1
271	1														1
276	1														1
279	1							1							2
288	1														1
293	1														1
295	2														2
312	1														1
314	1														1
315	1							1							2
324	1														1
336	1														1
339	1														1
340	1														1
351	1														1
357	1														1
363	1														1
373	1														1

Context:	Flake	Blade-like flake	Blade	Irregular waste	Chip	Multi-platform flake core	Core on a flake	Tested nodule	End scraper	End-and-side scraper	Thumbnail scraper	Piercer	Hammerstone	Burnt unworked flint	Total:
374	1			1											2
381	1														1
385	2														2
391	1														1
392	1														1
402	1														1
423	1														1
425	1														1
426				1											1
433	2														2
434	1														1
435	1														1
438														1	1
440	1														1
441	2														2
448													1		1
459	1														1
461	1														1
464	1														1
474	1														1
484	1														1
499				1											1
502	1														1
511			1												1
516	5														5
523	1														1
540	1														1
546	1														1
561	1														1
572	1														1
574	1														1
623	1														1
624												1			1
632	1														1
634				1											1
639				1											1
640	1														1
661											1				1
663	2														2
665	1														1
666	1														1
668	1								1						2
684	1														1
688	1														1
690	1			1											2
697	1														1
700	1														1
715			1												1
721		1													1
723	1				1										2
724	1														1
727	1														1

Context:	Flake	Blade-like flake	Blade	Irregular waste	Chip	Multi-platform flake core	Core on a flake	Tested nodule	End scraper	End-and-side scraper	Thumbnail scraper	Piercer	Hammerstone	Burnt unworked flint	Total:
730	1														1
737	1														1
740	1														1
745	1														1
747	1							1							2
751	1														1
755	1														1
786	1														1
1011	1														1
1021	2														2
1037	1														1
1042	2														2
1044	1														1
1058			1												1
1060		1													1
1061	1														1
Total:	114	3	3	10	1	2	2	3	1	1	1	1	1	1	144

APPENDIX 4 METALWORK ASSEMBLAGE

By Leigh Allen

A total of 273 metal objects were recovered by the metal detector survey of the A2 Pepperhill to Cobham Improvements (Figure 5). The metalwork assemblage comprises 172 copper alloy objects, 53 iron objects, 45 lead objects, 3 silver objects and a fragment of tin.

The condition of the assemblage is variable. The copper alloy and silver objects are in reasonable condition with many of the objects remaining intact but worn; the ironwork is heavily corroded and fragmentary. The objects have been visually examined and visually identified without the aid of x-radiographic plates. The assemblage comprises objects almost exclusively of Post-Medieval/modern date with the exception of 6 coins; five of which are Roman and one Medieval.

Copper Alloy assemblage

The copper alloy assemblage comprises buttons, buckle frames, bells, fittings, rings, rivets, a spur fragment, vessel fragments and coins/tokens.

Buttons

The 28 buttons include examples of plain circular discoidal buttons with integral attachment loops; more elaborate livery and blazer buttons; two piece sheet metal buttons and dished metal 'suspender' buttons. All these types of button were in common use in the 18th-19th centuries and many of them remain in use up to the present day.

Buckle frames

The 4 buckle frames are probably shoe buckles.

Bells

The 3 bell fragments represent two different types of bell. There are two fragments from cast metal bells which have rectangular suspension lugs with a circular perforation through them. Also known as 'crotals', these were used to decorate horse harness. The other form of bell represented here is a sheet metal bell, made in two halves and brazed together at the middle. The suspension loop is formed from a rectangular strip of sheet curved over and inserted through a hole in the top. Sheet metal bells appear as early as the 14th century and were worn by animals, jesters and ordinary citizens alike. Their use continues into the Post-Medieval period. The cast 'crotals' are a later, Post-Medieval introduction.

Fittings

There are 12 items that have been categorised as fittings. The majority are hooked plates, brackets and miscellaneous perforated strips. There are also 3 identical 'S'-shaped objects that look like links from a chain or may have been used to hang drapes/curtains. The links are decorated with raised ridges at the centre, and the terminals are shaped into animal heads.

Rings

There are a number of rings but none of them are finger rings. They are all very rough and could have been used for a number of different functions.

Tacks and rivets

The assemblage includes 14 copper alloy nails/tacks and 5 rivets. The nails/tacks have long shanks with rounded, square or rectangular flat heads and a rectangular section shank and would be suitable for use on fine carpentry.

Spur

A single fragment from a Post Medieval spur was recovered from the survey. This is a fragment from the heel section of the spur with a short neck that is forked for the rowel. The arms have a D-shaped section, and are only curved very slightly to fit under the wearer's ankle.

Vessel fragments

There are 5 vessel fragments, 2 are from sheet metal vessels the other 3 are from cast vessels. One fragment is a large solid, flared foot from a cauldron.

Coins and tokens

A total of 22 coins and 3 tokens were recovered from the survey, 18 of the coins are modern, all British, apart from a French coin of Napoleon III (1808-1873). The remaining five coins are Roman (Figure 3), the 3 tokens are illegible.

Table 3: Coin dates

Context	Date	Emperor
63	C.4th	-
86	C.1st-2nd	-
379	AD161-180	Marcus Aurelius
379	AD69-79 or AD79-81	Vespasian or Titus
413	AD138-161	Antoninus Pius

Unidentifiable and miscellaneous

The assemblage also includes numerous unidentifiable objects such as discs, strips, sheet, and miscellaneous fragments.

The iron assemblage

The iron assemblage is smaller than the copper alloy and in poor condition. There are very few identifiable objects: the majority of the assemblage comprises nails, rings, a hook, strips, sheet and miscellaneous fragments. The identifiable objects include the tip from the arm of a horseshoe and two large iron buckle frames that could be from horse-gear.

The lead assemblage

The lead assemblage includes miscellaneous fragments of cut sheet and amorphous lumps that appear to have been used to fill holes, there are also fragments of spillage/waste. Identifiable objects include a plumb-bob, musket balls/lead shot, rivets, disc weights (including one with '1/2 oz' on it), a token with initials on the upper face and a bottle seal. All these objects are probably modern. One noteworthy

object that may be Post Medieval in date is a small cast hook; the plate is in the form of a lion's head, the hook is the lion's paw.

Objects of silver

A silver long-cross halfpenny of late 13th-early 14th century date was recovered by the survey. The only other silver object was a diamond-shaped brooch with a glass setting of Post Medieval/modern date.

APPENDIX 5 WORKED STONE

Summary

Six pieces of stone were retrieved during fieldwalking along the A2, Kent. None of these retain any evidence of working, but three fragments are made from imported lava and may be weathered fragments of querns. This would make them most likely to be Roman or medieval.

Table 4: Catalogue of worked stone

Transect	Description	Lithology	Further analysis
165	Small chunk of flat bedded stone, no evidence of working	Medium grained very well sorted sandstone	No
68	chunk of stone, flat on one edge but with no particular evidence of working.	metamorphic lava	No
314	small unworked chunk	fine grained quartzitic greensand	No
42	small chunk, weathered, probably from quern	lava	No
126	weathered chunk, no evidence of working	Greensand	No
285	large weathered chunk with rounded edges, may have been from quern	Lava	No

APPENDIX 6 BIBLIOGRAPHY AND REFERENCES

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APPENDIX 7 SUMMARY OF SITE DETAILS

Site name: A2 Pepperhill-Cobham Widening Scheme

Site code: A2BC 03

Grid reference: TQ 623/722-684/695

Type of work: Fieldwalking and metal detector survey

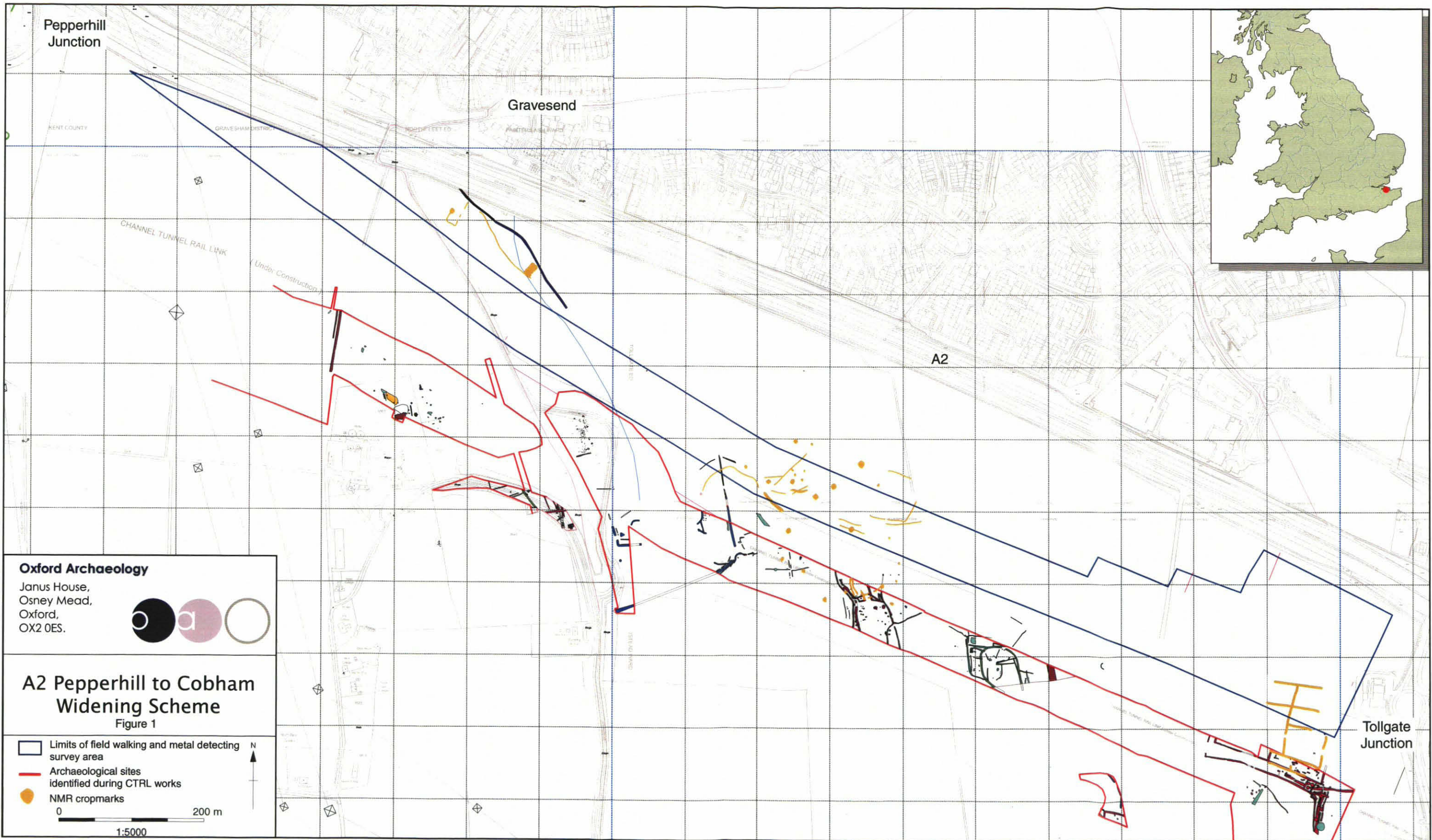
Date and duration of project: 17-28 November 2003

Area of site: 17 ha

Summary of results: Oxford Archaeology (OA) carried out a fieldwalking and metal detector survey along the western part of the proposed route of the A2 Bean to Cobham Road

Improvements on behalf of Skanska. There was one Late Upper Palaeolithic flint blade and a spread of Late Neolithic or Early Bronze Age struck flint across the area that may indicate potential sites, but little to indicate any focus to this activity. The survey revealed very little evidence of Roman and medieval archaeological activity, despite the presence of settlements immediately adjacent to the south, while post-medieval tile and pottery from recent manuring were ubiquitous. It was concluded that any potential archaeology was largely buried below the reach of the plough.

Location of archive: The archive is currently held at OA, Janus House, Osney Mead, Oxford, OX2 0ES, and will be deposited with a museum in due course, under the following accession: **TBA**



A2 Pepperhill to Cobham Widening Scheme

Figure 2: Map of transects

KEY

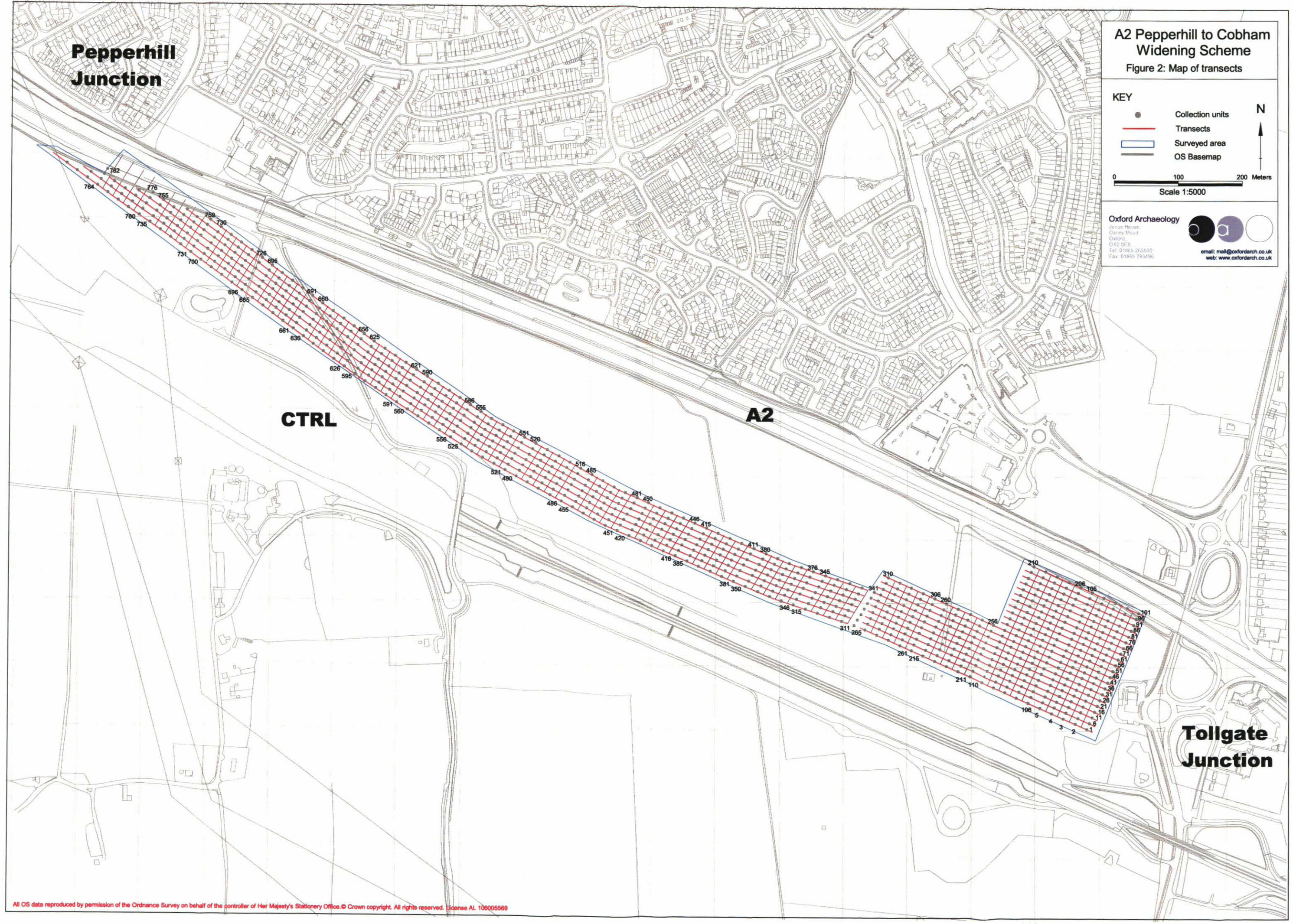
- Collection units
- Transects
- ▭ Surveyed area
- OS Basemap

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Scale 1:5000

N

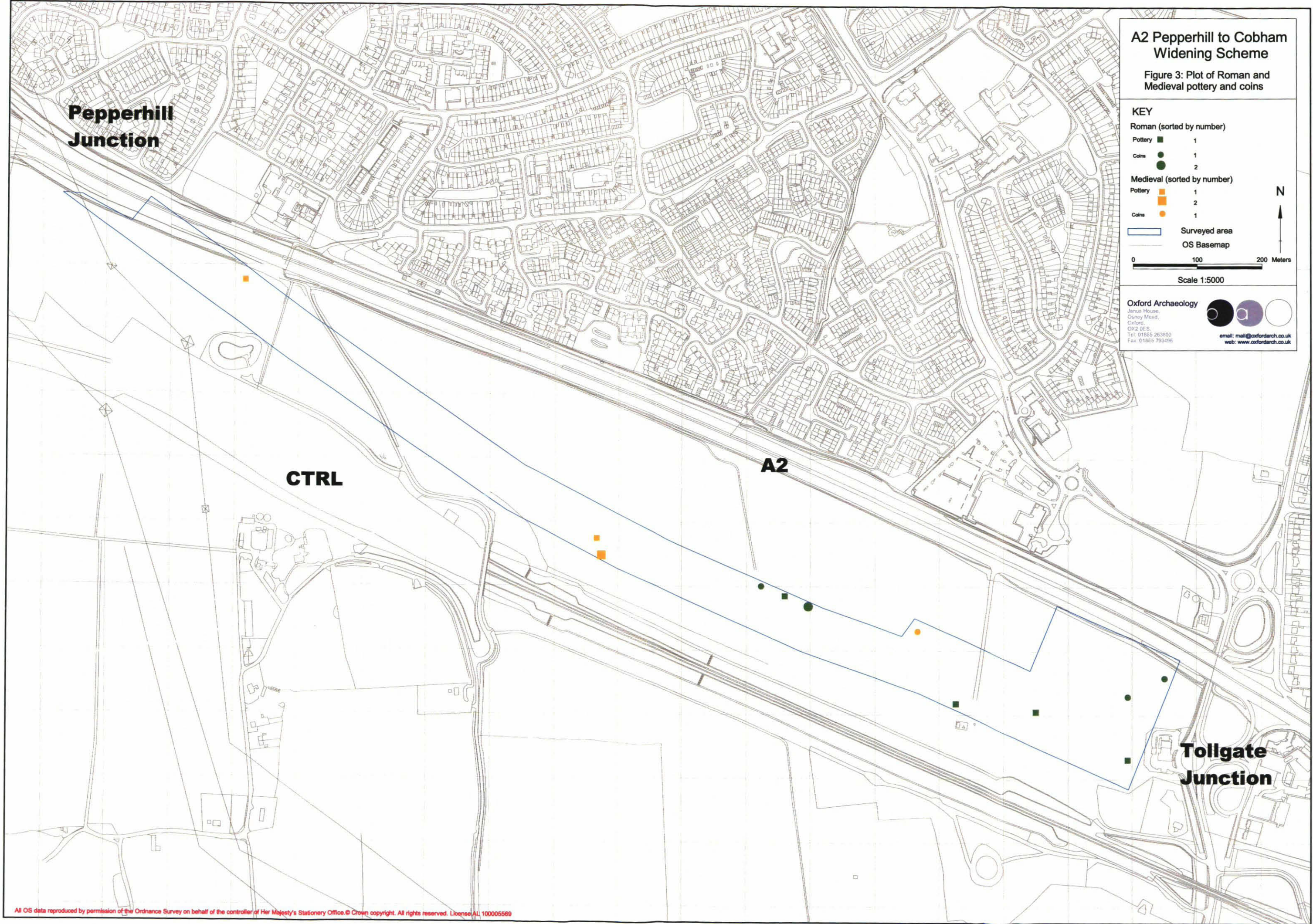
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OX2 0ES
Tel: 01865 263000
Fax: 01865 793496

email: mail@oxfordarch.co.uk
web: www.oxfordarch.co.uk



A2 Pepperhill to Cobham Widening Scheme

Figure 3: Plot of Roman and Medieval pottery and coins



KEY

Roman (sorted by number)

Pottery 1 (Green square)

Coins 1 (Green circle)

2 (Green circle)

Medieval (sorted by number)

Pottery 1 (Orange square)

2 (Orange square)

Coins 1 (Orange circle)

Surveyed area (Blue outline)

OS Basemap (Thin grey lines)

0 100 200 Meters

Scale 1:5000

N

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A2 Pepperhill to Cobham Widening Scheme

Figure 4: Plot of worked flint and burnt flint

KEY

Burnt flint (sorted by number)

- 1 - 3
- 4 - 6
- 7 - 10

Worked flint

- Blade
- Piercer
- Scraper
- Flake
- Hammerstone
- Core
- Irregular waste
- Others

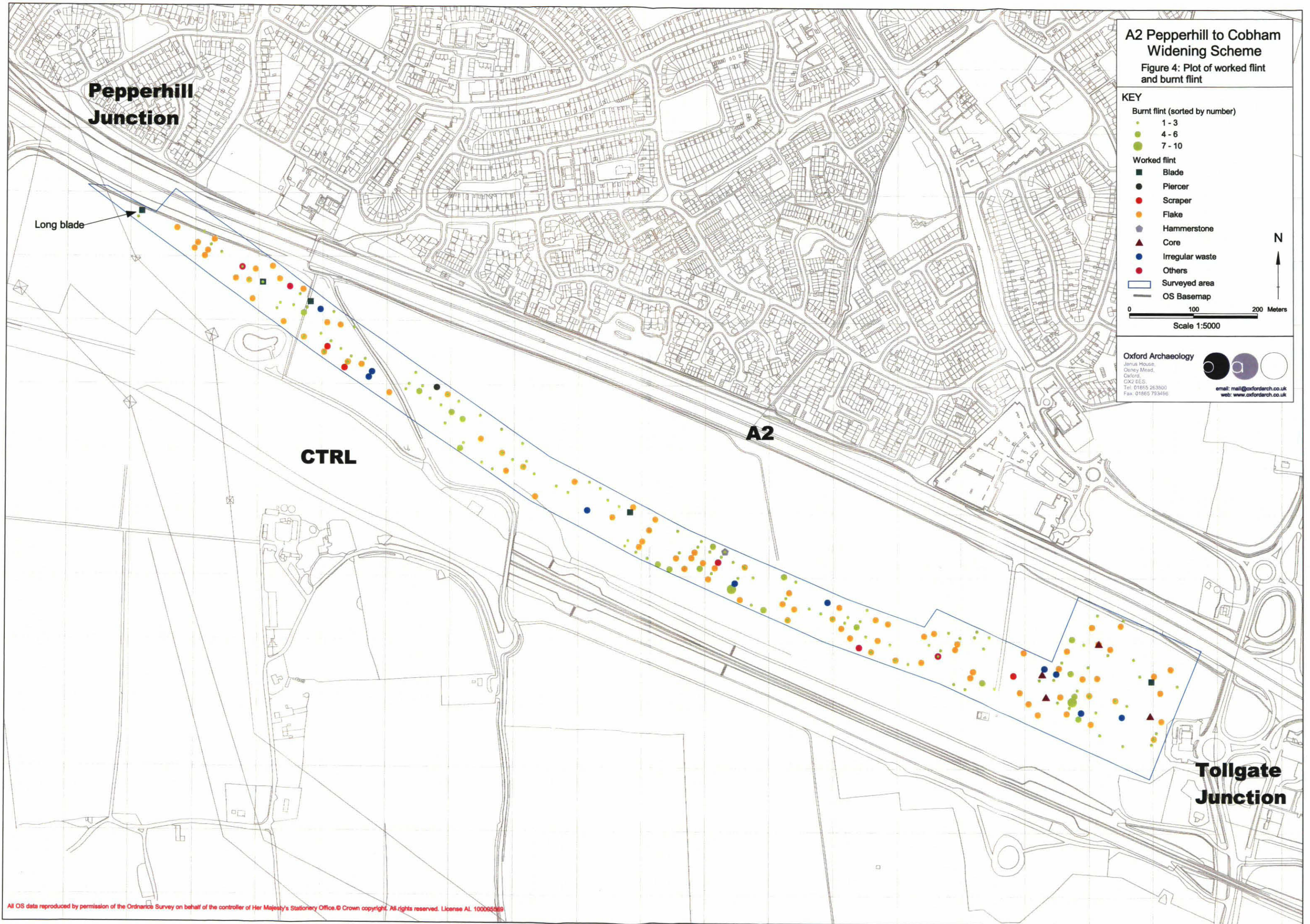
Surveyed area
OS Basemap

0 100 200 Meters
Scale 1:5000

N

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A2 Pepperhill to Cobham Widening Scheme

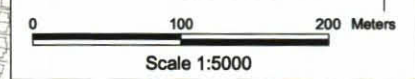
Figure 5: Plot of post-medieval metal finds

KEY

(sorted by number)

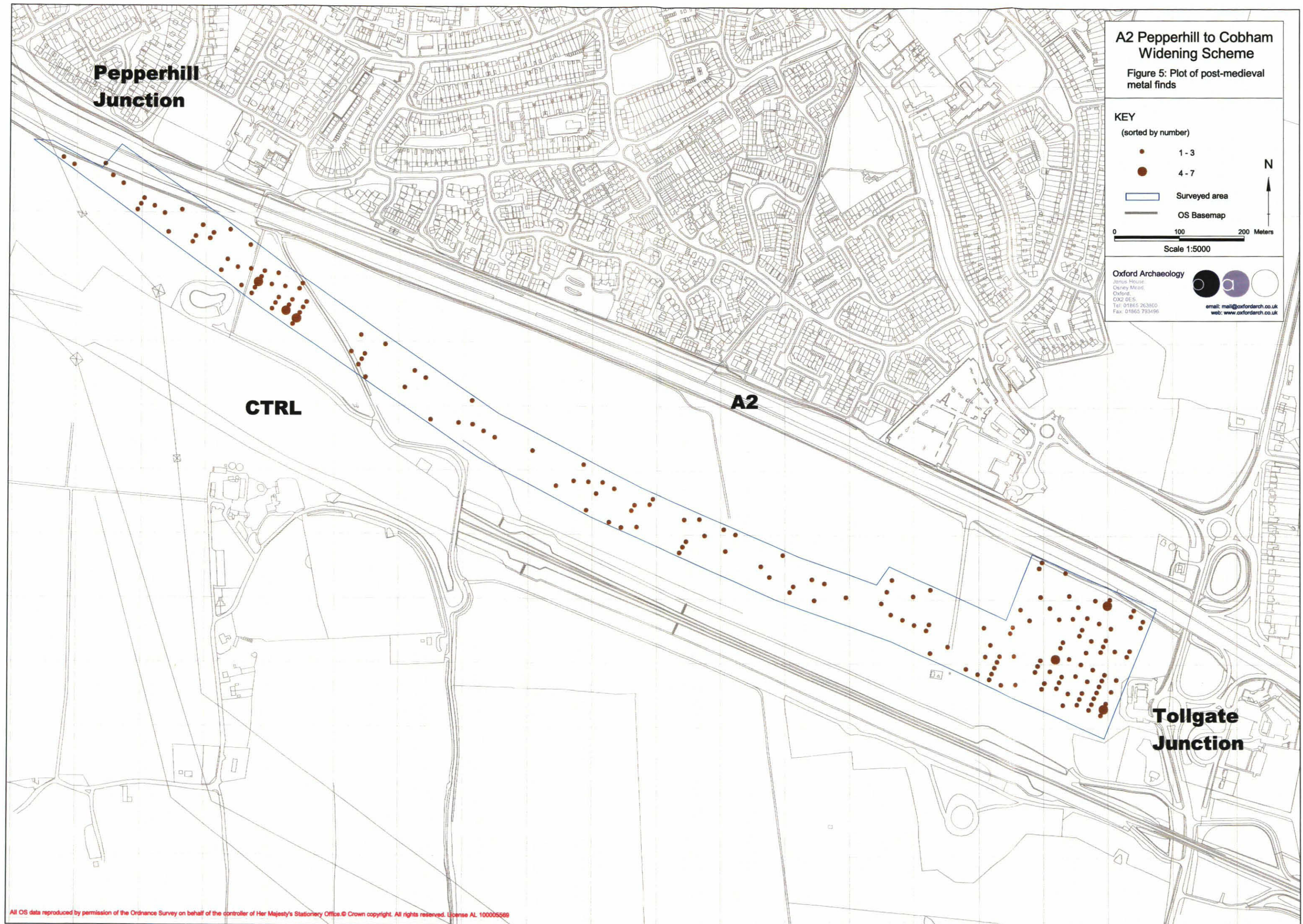
- 1 - 3
- 4 - 7

- ▭ Surveyed area
- OS Basemap



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A2 Pepperhill to Cobham Widening Scheme

Figure 6: Plot of post medieval pottery

KEY
(sorted by number of sherds)

- 1
- 2 - 3
- 4 - 8

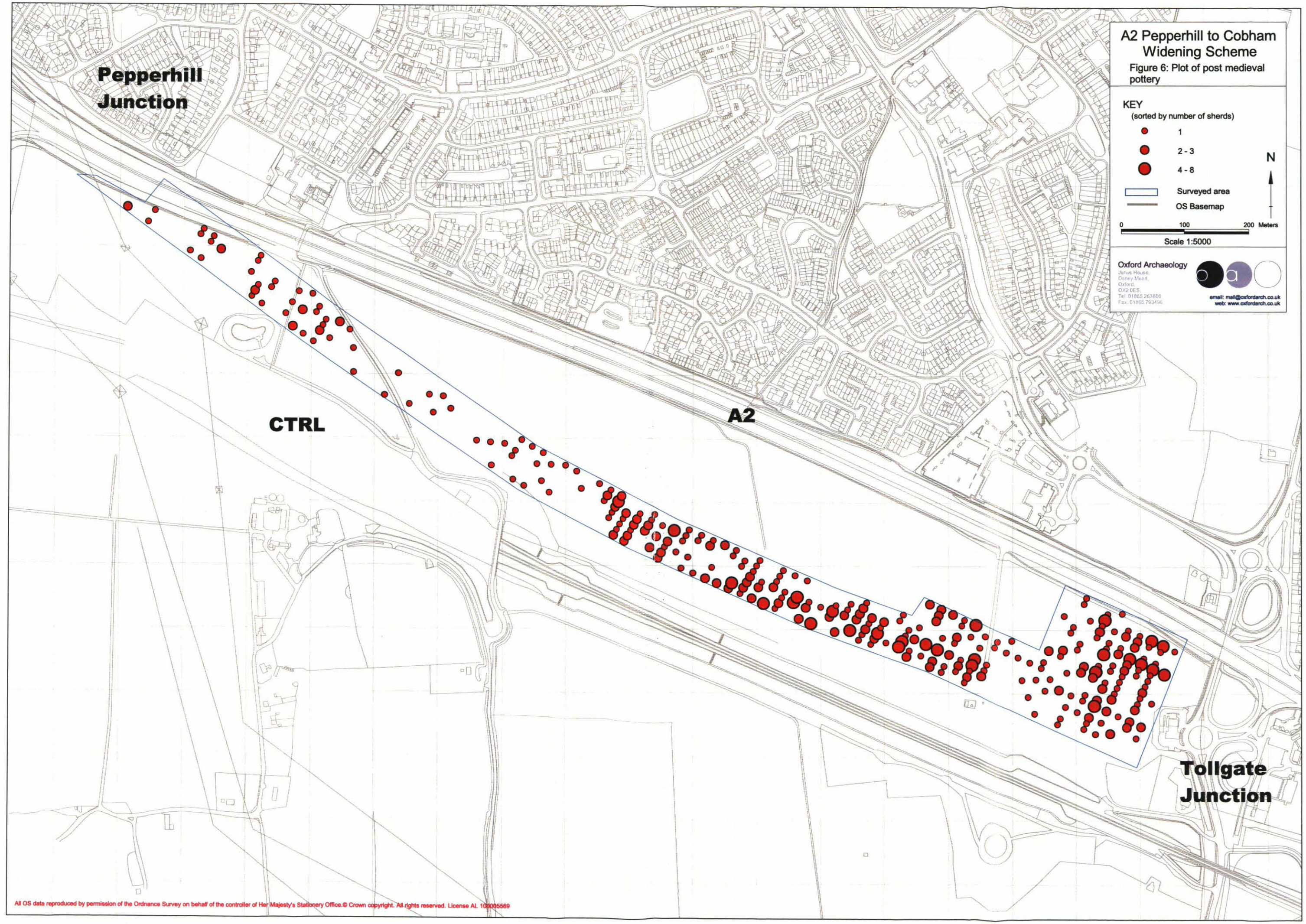
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A2 Pepperhill to Cobham Widening Scheme

Figure 7: Plot of ceramic building material

KEY
(sorted by number)

- 1
- 2 - 5
- 6 - 9
- 10 - 19

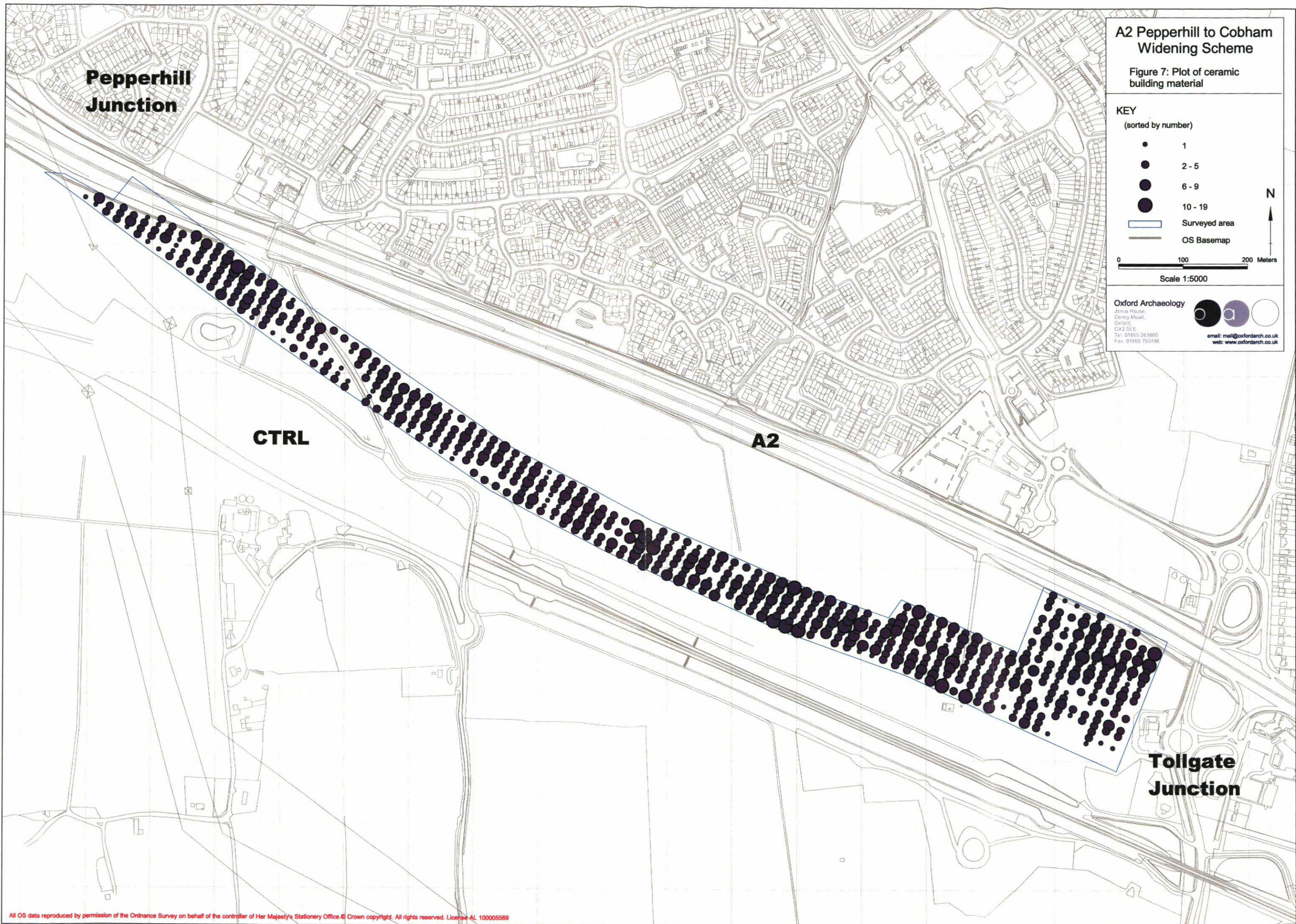
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— OS Basemap

0 100 200 Meters
Scale 1:5000

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AZ PEPPERHILL TO CASHMAN

AZ BC 03

FIELDWALKING

B PRIMARY DRAWINGS.

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

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Site[Fieldwalking and metal detecting survey] Site code[A2 BC 03]

Line 2: Excavators name[T Allen]

Line 3:

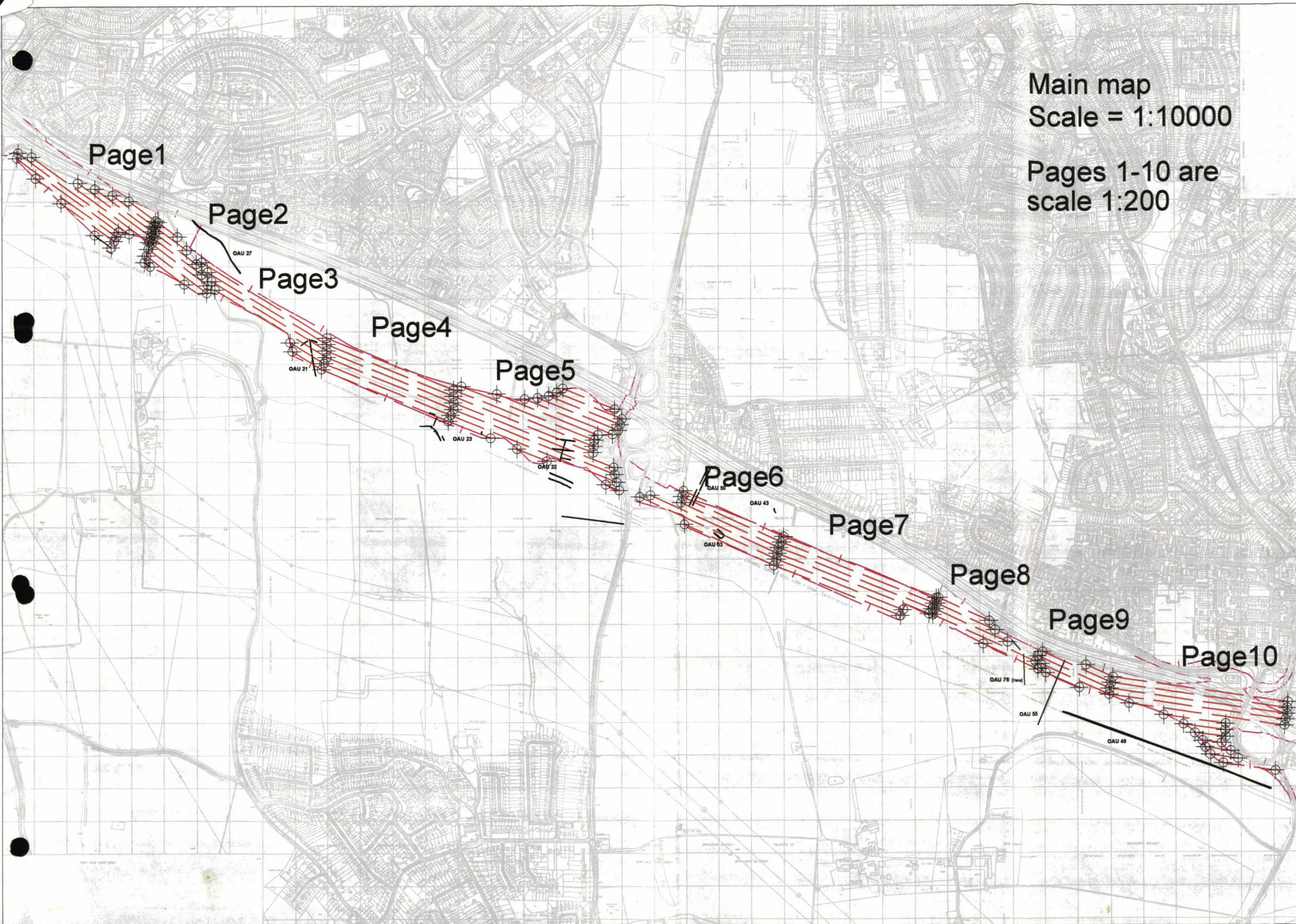
Classification of material

Tick if present

Classification of material	Tick if present
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	✓
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E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

Main map
Scale = 1:10000

Pages 1-10 are
scale 1:200



Page 1

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Page 5

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Page 7

Page 8

Page 9

Page 10

OAU 27

OAU 21

OAU 23

OAU 22

OAU 50

OAU 43

OAU 53

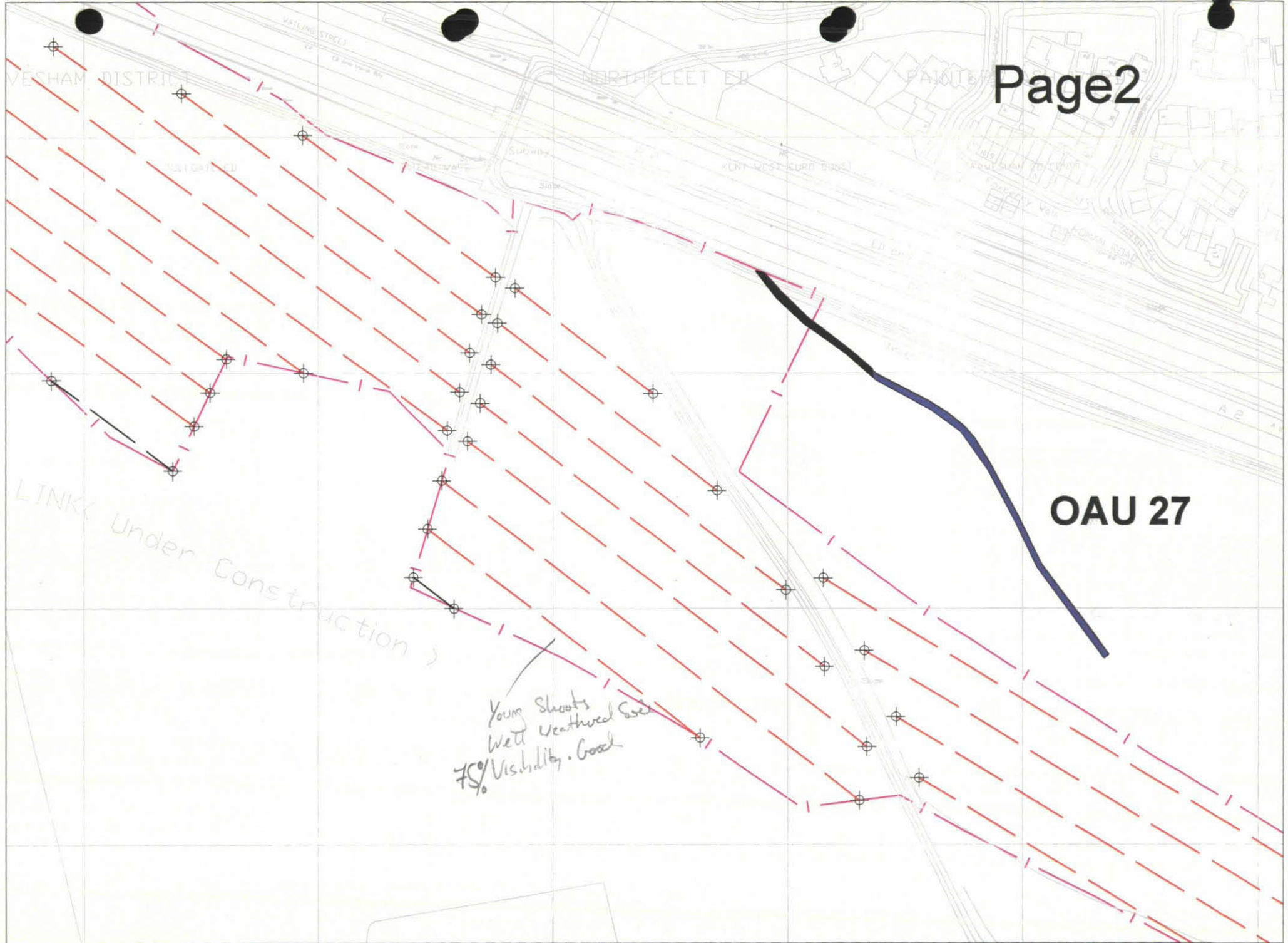
OAU 76 (nw)

OAU 55

OAU 46

Page 1





OAU 27

LINK Under Construction

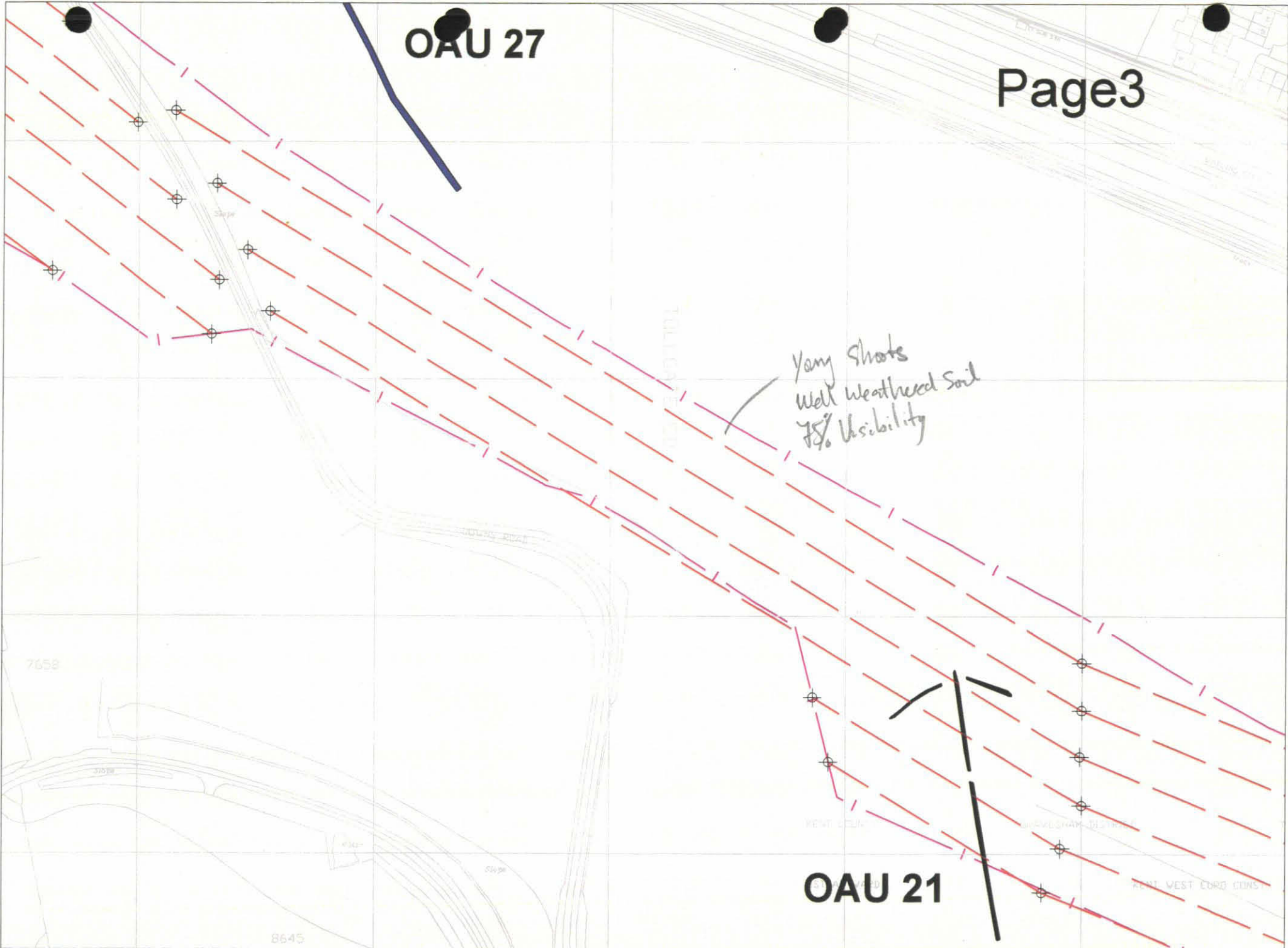
Young Shoots Well Weathered Area
75% Visibility - Good

OAU 27

Page 3

Yang Shoots
Well weathered Soil
75% Usability

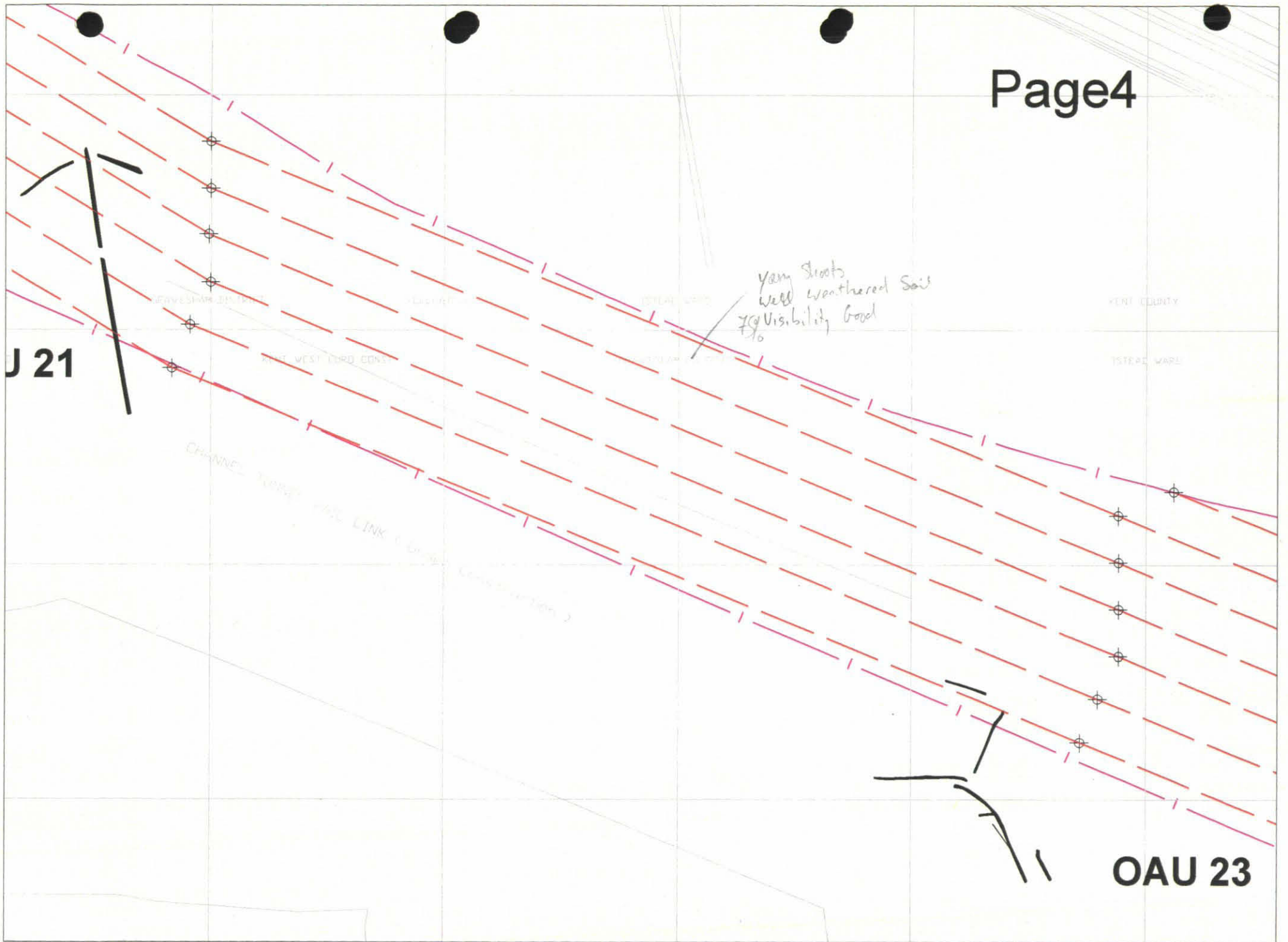
OAU 21



J 21

Yam Struts
Well weathered Soil
70% Visibility Good

OAU 23



TRACK
Access from A2

Yana crop
well weathered soil
70% Visibility Good

Thick
Hedge line (Est Position)

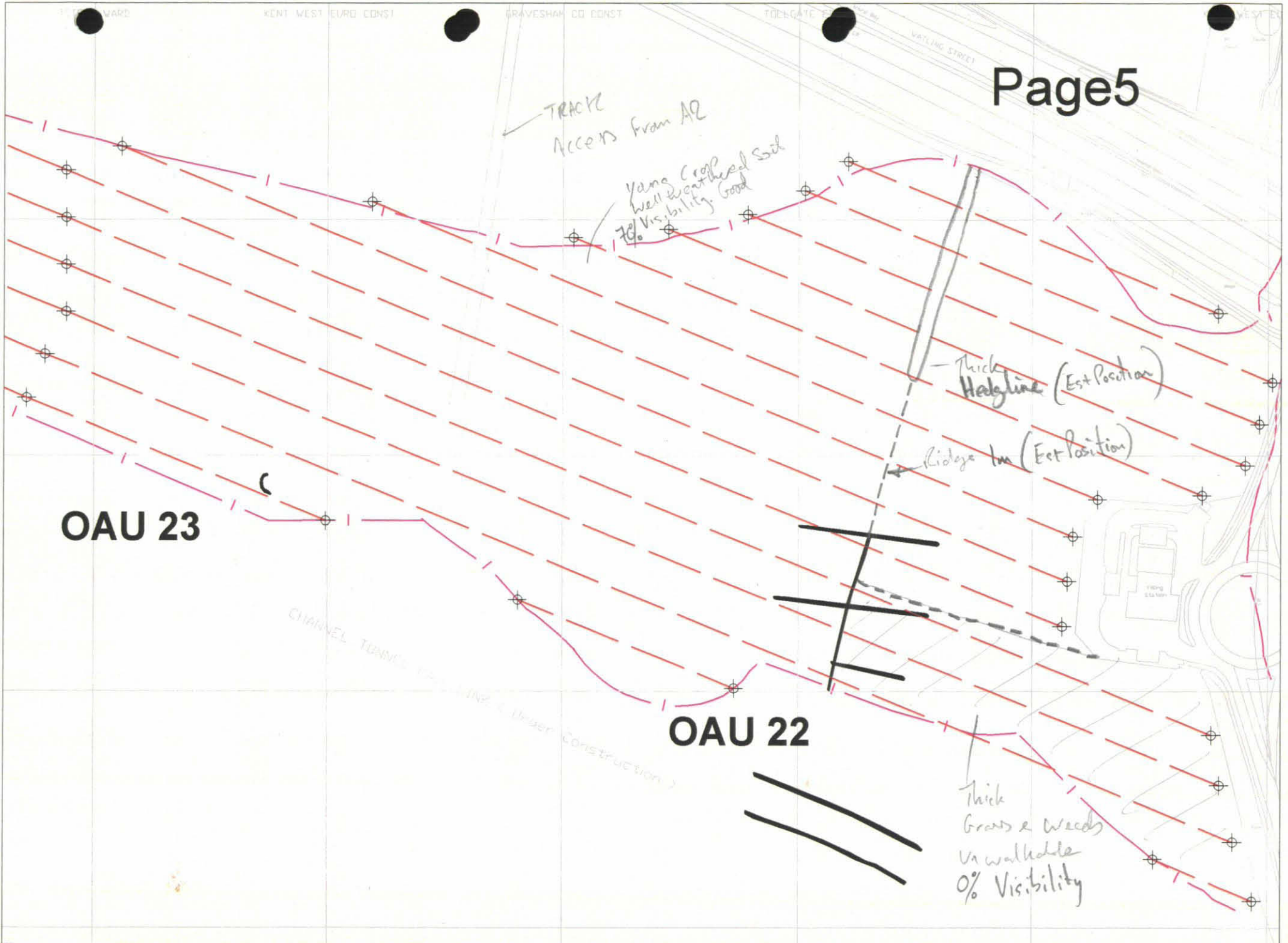
Ridge ln (Est Position)

OAU 23

OAU 22

Thick
Grass & Weeds
Unwalkable
0% Visibility

CHANNEL TUNNEL (PART LINE & UNDER CONSTRUCTION)



OAU 50

OAU 43

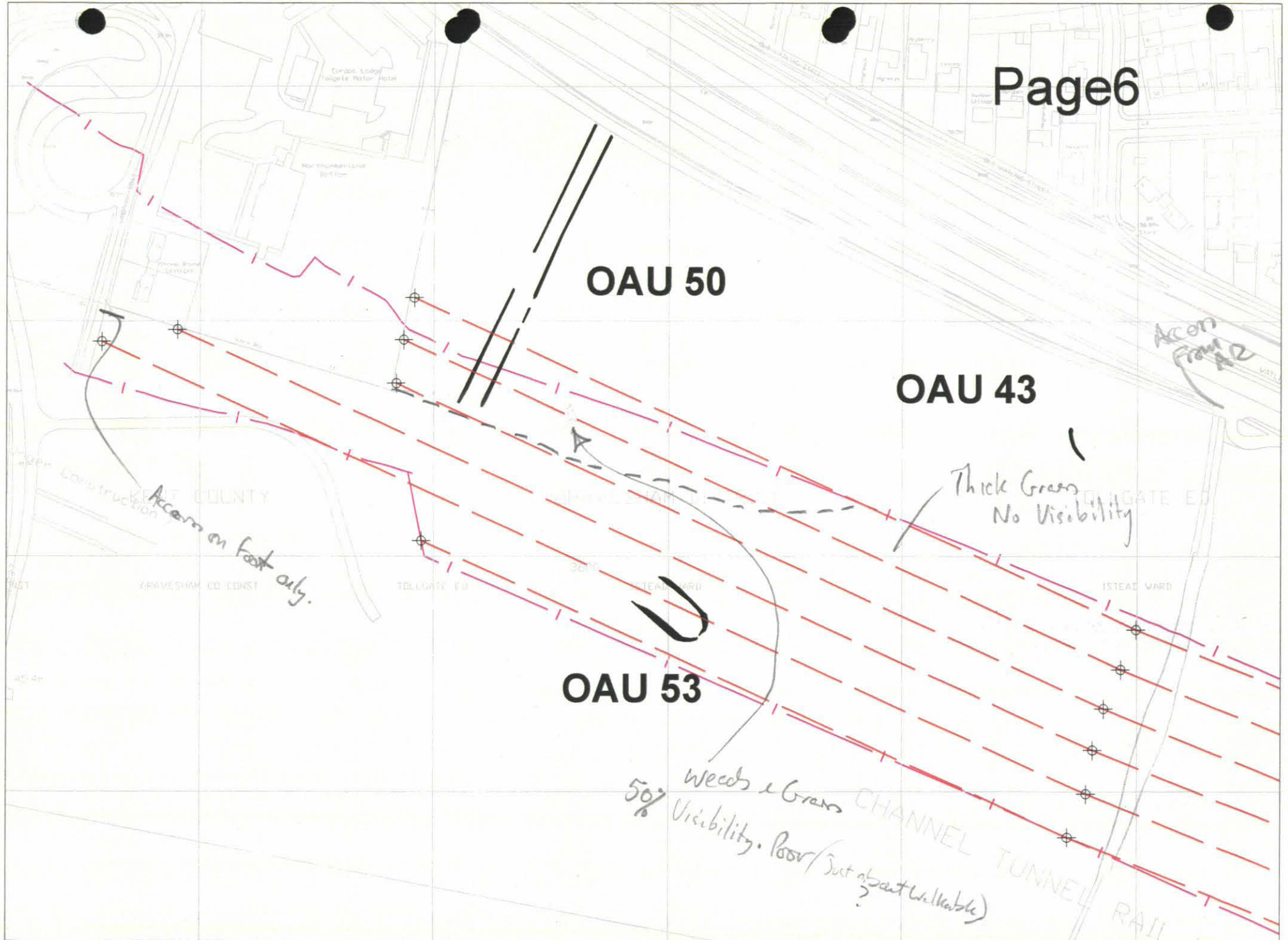
OAU 53

Acorn on foot only.

*Thick Grass
No Visibility*

*50% Weeds & Grass
Visibility. Poor (but about walkable)*

Acorn from #2

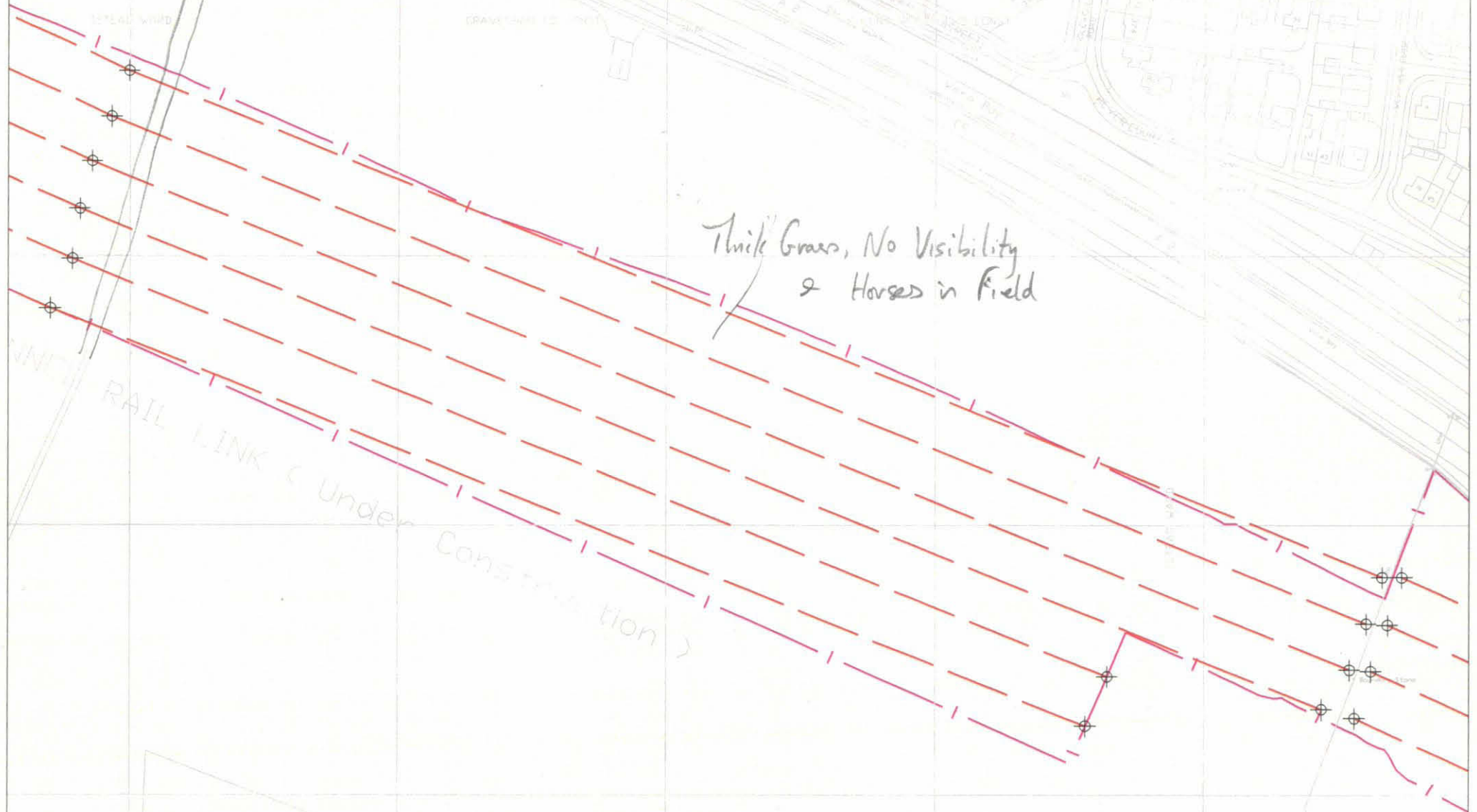


TOLLGATE ED

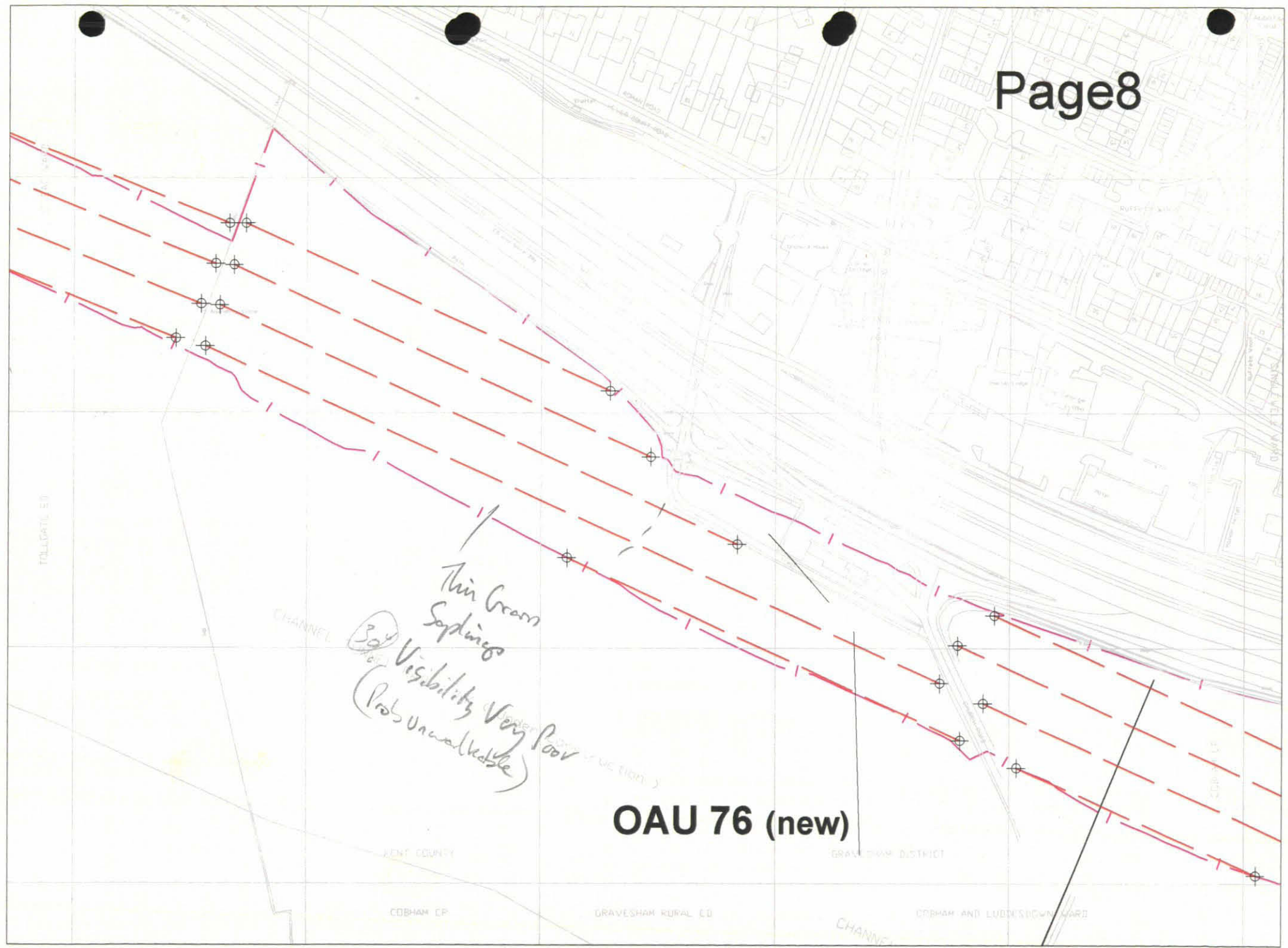
Access From A2

WILDLANDS WARD

Thick Grass, No Visibility
& Horses in Field



RAIL LINK (Under Construction)



Thin Grass
Saplings
30%
Visibility Very Poor
(Prob Unwalkable)

OAU 76 (new)

FOLLISDALE ST

CHANNEL

COBHAM CP

GRAVESHAM RURAL ED

GRANTHAM DISTRICT

COBHAM AND LUDESLOWN WARD

CHANNEL

COBHAM CT

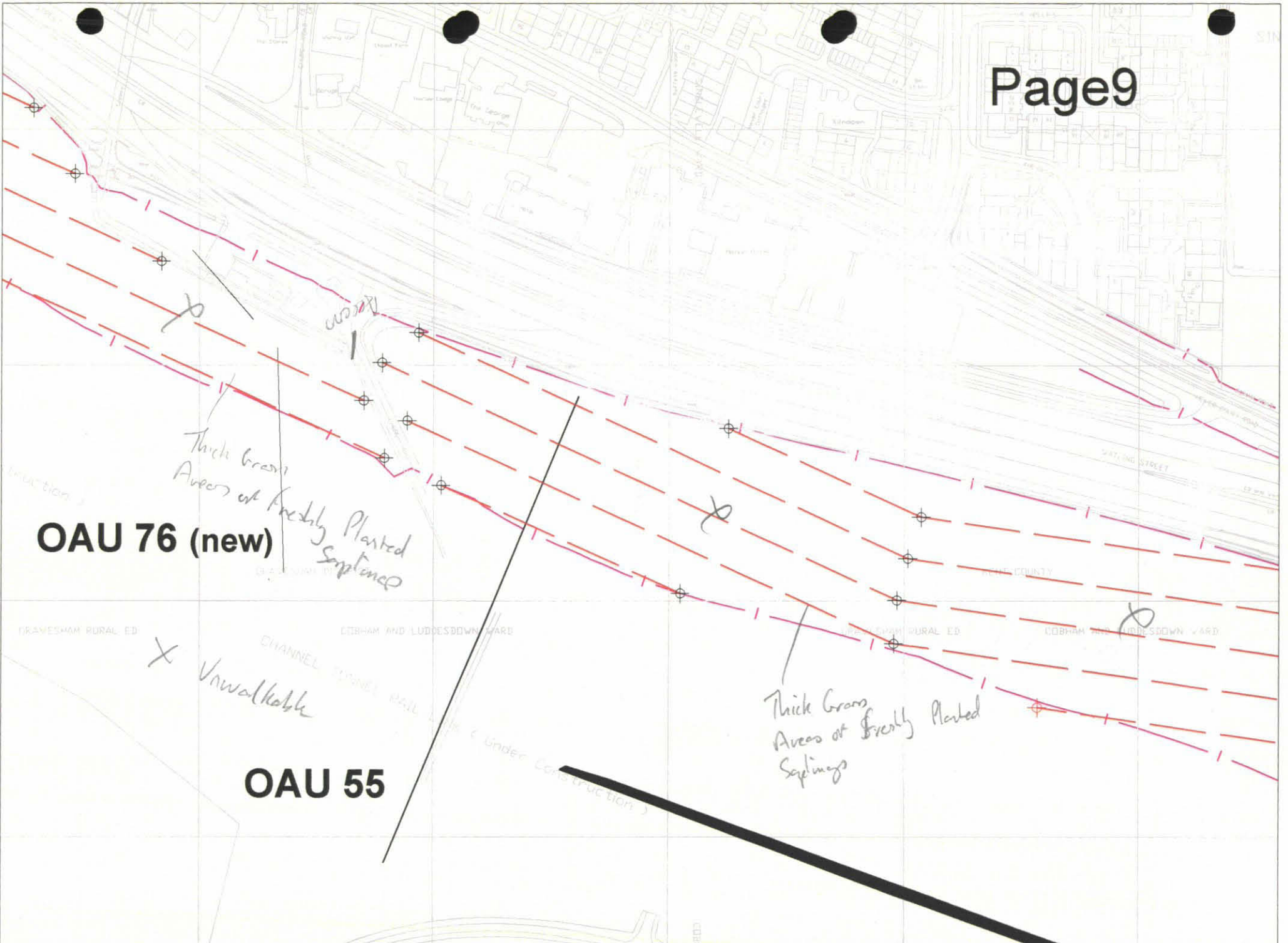
OAU 76 (new)

Thick Grass Areas of freshly Planted Saplings

OAU 55

X Unwalkable

Thick Grass Areas of freshly Planted Saplings



Access →

TARMAC AL (Dangers of Death)

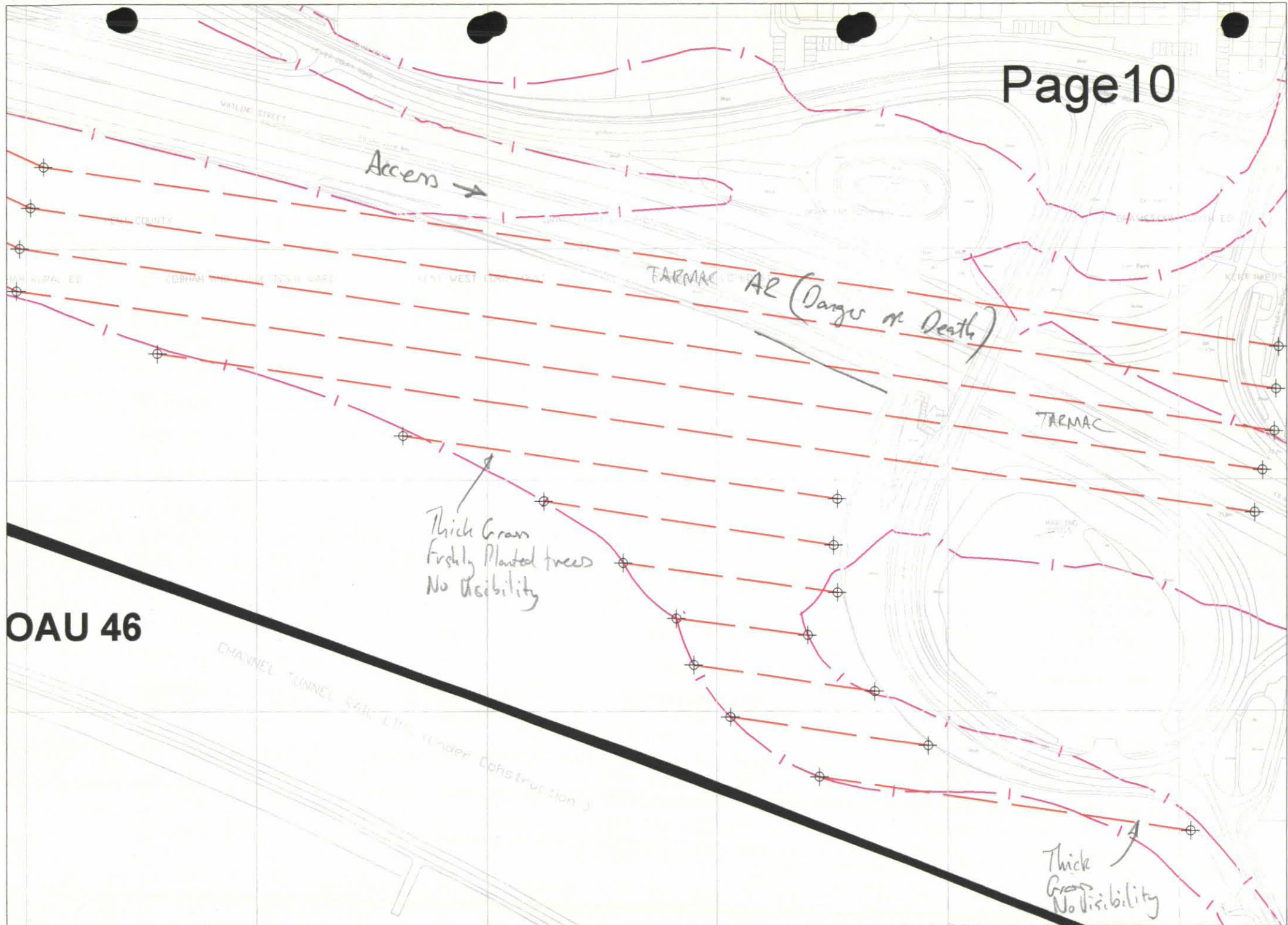
TARMAC

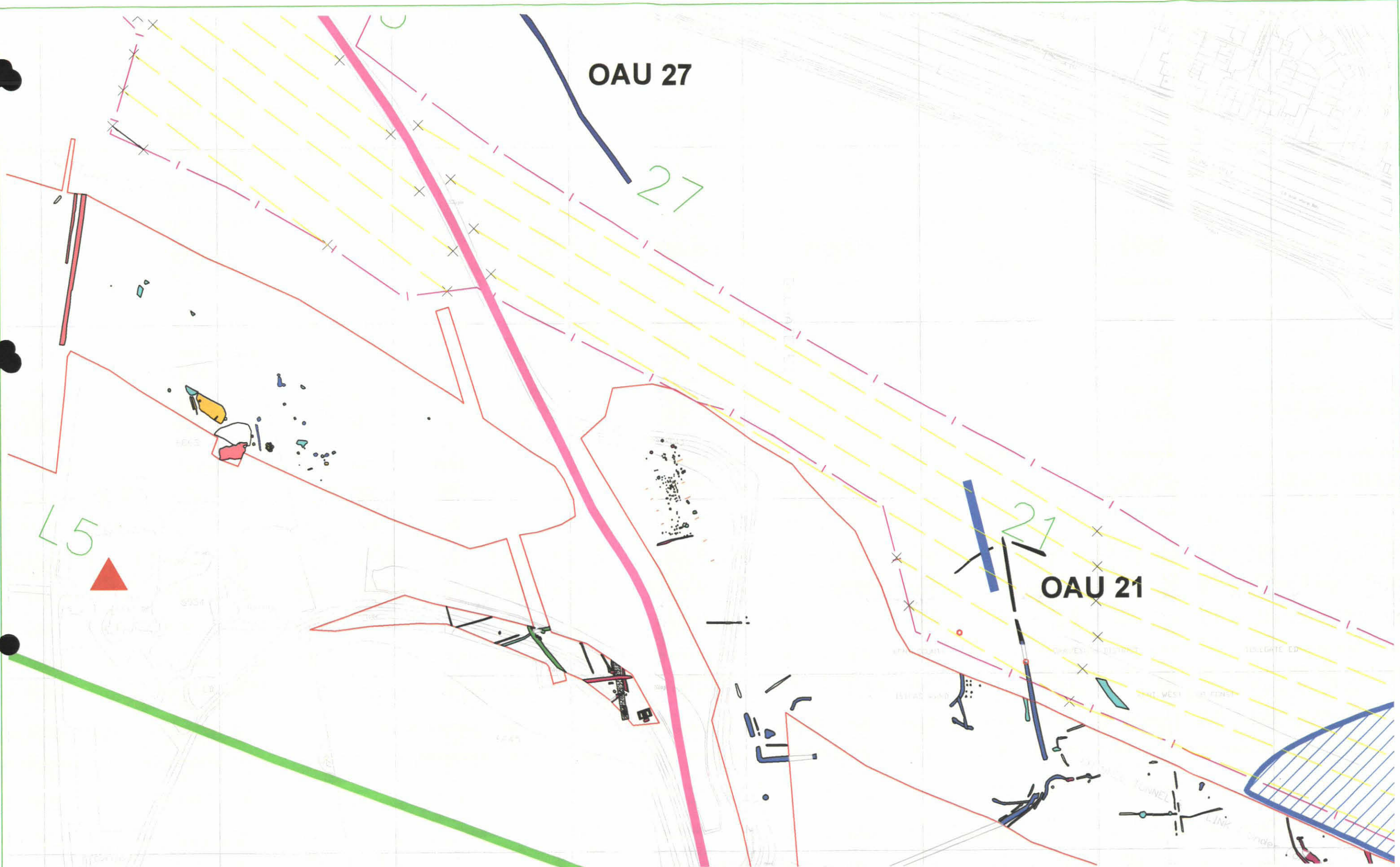
Thick Grass
Freshly Planted trees
No Visibility

OAU 46

Thick
Grass
No Visibility

CHANNEL TUNNEL R&H LINE (Under Construction)





OAU 27

OAU 21

L5

27

21

Ref	Descriptor	North	East	South	West

LEGEND

STUDY CORRIDOR (1km)	Archaeological Area (Evaluation / Fieldwalking)	Scheduled Ancient Monument	Linear Feature	Scheduled Monument	Scheduled Monument
Listed Building (LB - L10)	Area of cropmarks identified from the air	Historic Road	Area of Historic Woodland identified by English Nature	Listed Building (LB - L10)	Listed Building (LB - L10)
Archaeological Site	Area of Historic Woodland identified by OAU from OS 1: maps	Archaeological Feature	Area of Historic Woodland identified by OAU from OS 1: maps	Listed Building (LB - L10)	Listed Building (LB - L10)

Site numbers refer to Archaeological Gazetteer in section 3.7.2

HIGHWAYS AGENCY

Scale: 1:2000 Datum

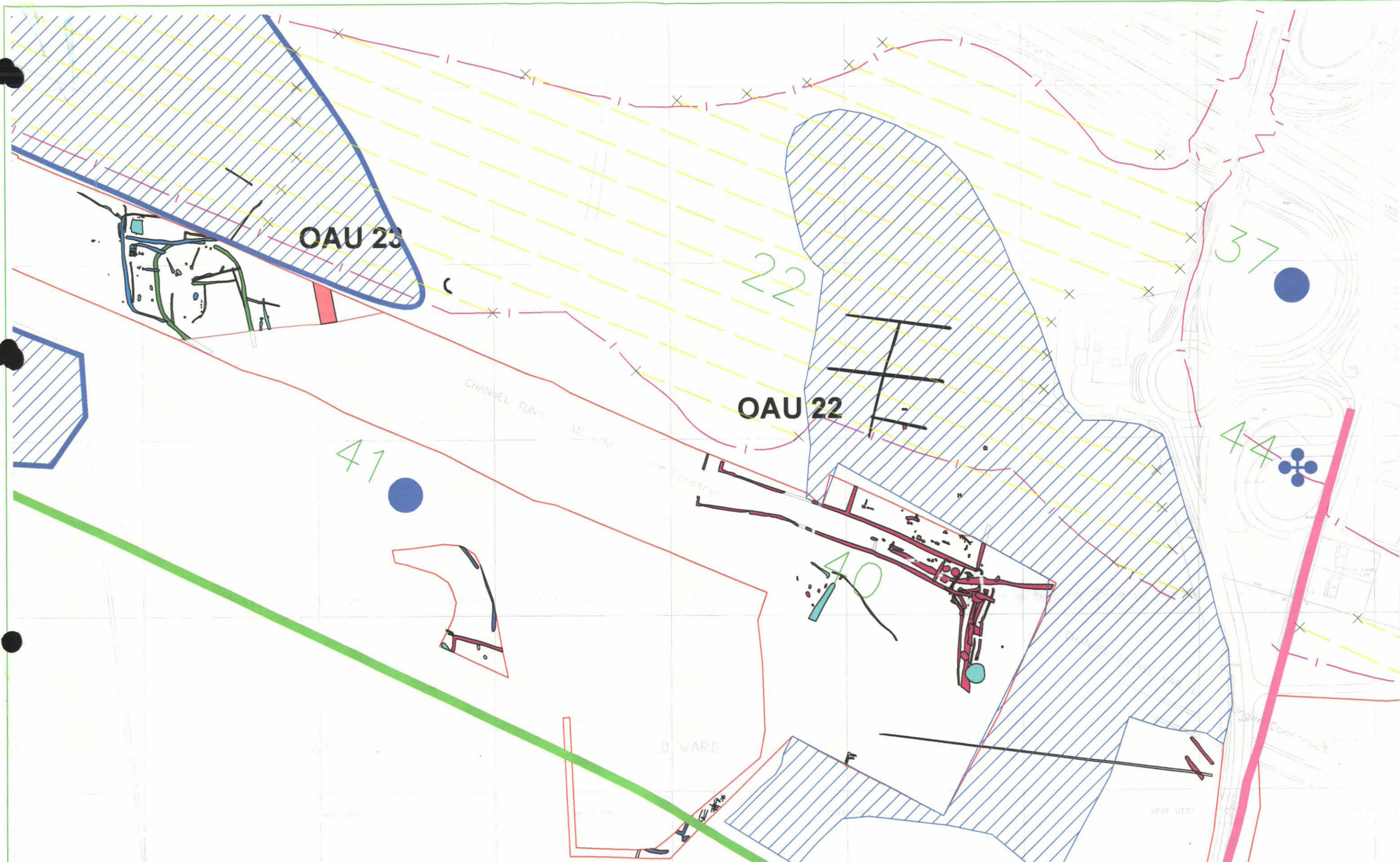
A2 Bean to Cobham: Phase 2

Cultural Heritage

Hyder

HYDER CONSULTING
20 Blythwood Road
Dunfermline, Fife
KY11 1JY
Tel: +44 (0)1320 7316 6000
Fax: +44 (0)1320 7316 6215

Drawing No: 2 of 9



Description	Auth	Chg	App	Date

LEGEND

STUDY CORRIDOR (10m)	Scheduled Ancient Monument	Archaeological Area (Evaluation / Forecasting)	Late Iron Age	Roman	Medieval
Listed Building (LS - L1)	Historic Road	Linear Feature	Late Roman	Late Roman	Modern
Archaeological Site	Archaeological Feature	Area of cropmarks identified from the air	Late Roman	Late Roman	Modern
		Area of Historic Woodland identified by English Nature	Late Roman	Late Roman	Modern
		Area of Historic Woodland identified by OAU from OS 1" maps	Late Roman	Late Roman	Modern

Site Numbers refer to Archaeological Gazetteer in section 3.7.2

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Scale: 1:2000

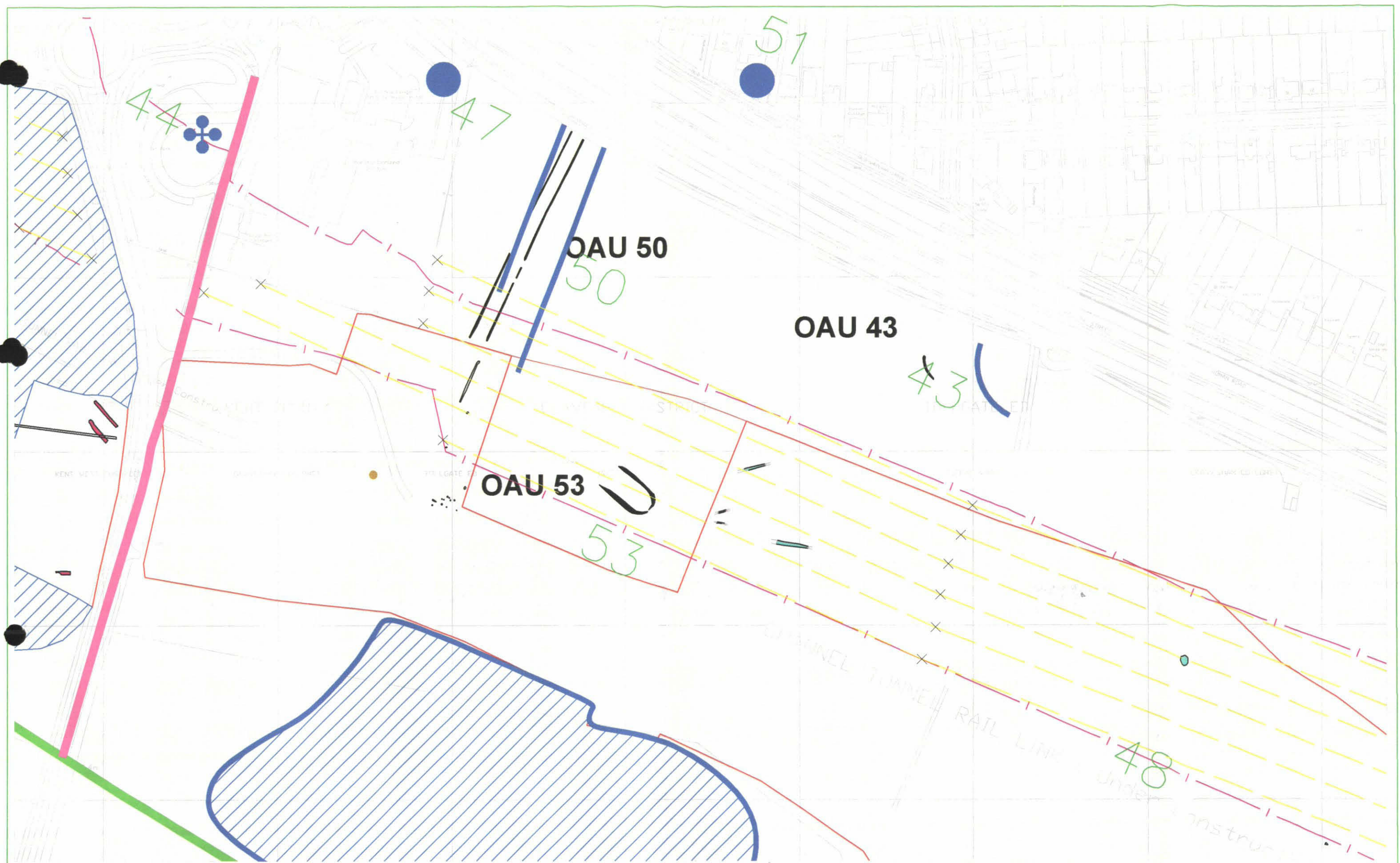
A2 Bean to Cobham: Phase 2

Cultural Heritage

Hyder

Hyder Consulting Ltd
 5th Floor
 100 Broad Street
 London W1P 3JF
 Tel: +44 (0)20 7316 6200
 Fax: +44 (0)20 7316 6215

Drawing No. 4 of 9



Rev	Description	Date

LEGEND

STUDY CORRIDOR (Line)	Scheduled Ancient Monument	Listed Building (LS - LB)	Historic Road	Archaeological Site	Archaeological Finds	Archaeological Area (Evaluation / Fieldwalking)	Linear Feature	Area of cropmarks identified from the air	Area of Historic Woodland identified by English Nature	Area of Historic Woodland identified by OAU from OS T maps
-----------------------	----------------------------	---------------------------	---------------	---------------------	----------------------	---	----------------	---	--	--

See Numbers refer to Archaeological Gazetteer in section 37.2

Late Roman / Early Medieval	Roman	Medieval	Modern
Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman
Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman
Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman	Late Iron Age / Roman

HIGHWAYS AGENCY

Scale: 5 of 9

A2 Bean to Cobham: Phase 2

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28 Regent Street, London W1B 3AH
Tel: +44 (0)20 7316 1000
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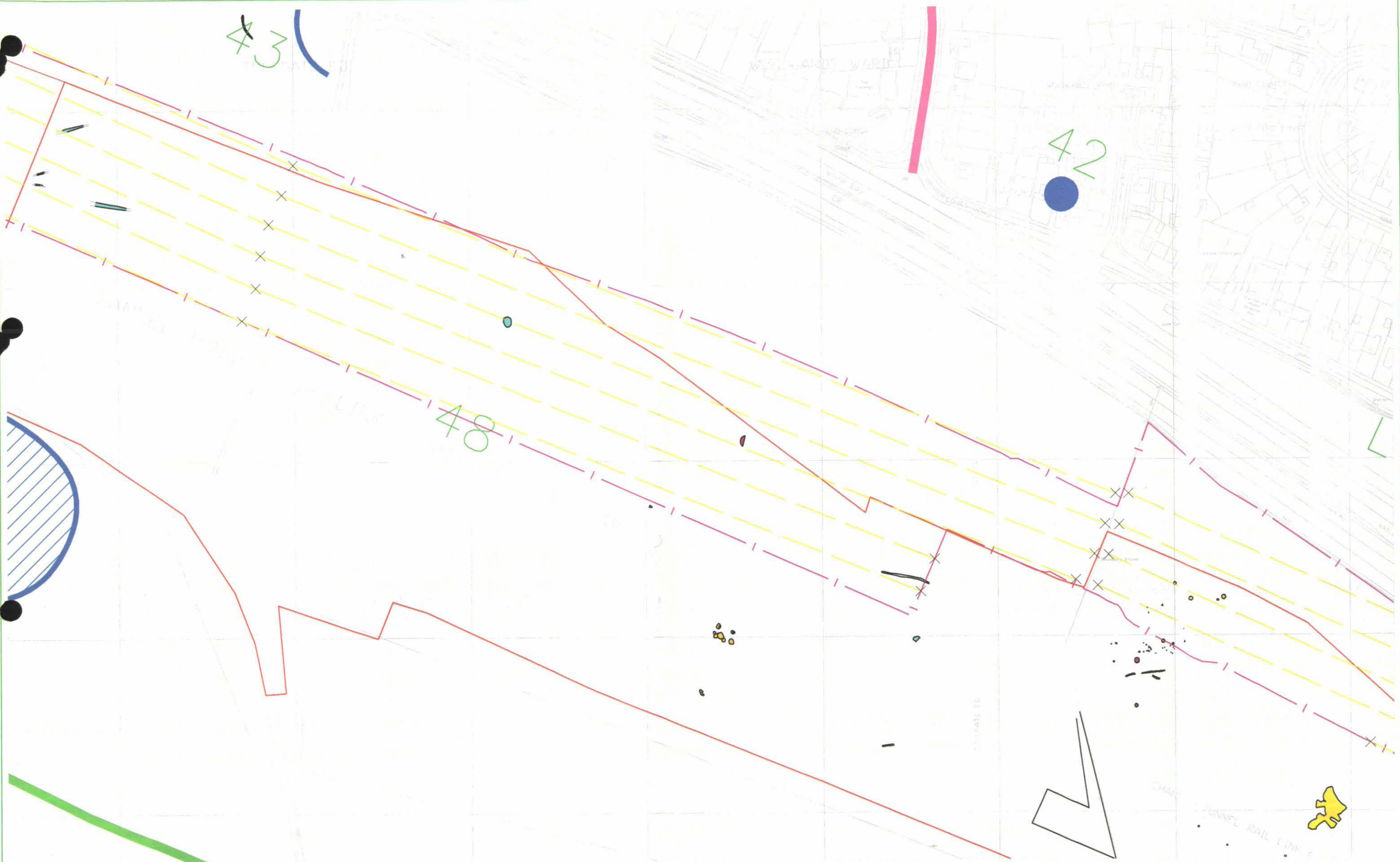
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43

42

48



Rev	Description	Auth	Scale	Date

LEGEND

STUDY CORRIDOR (Main)	Scheduled Ancient Monument	Listed Building (L15 - L18)	Historic Road	Archaeological Site	Archaeological Feature	Archaeological Area (Excavation / Fieldwalking)	Linear Feature	Area of cropmarks identified from the air	Area of Historic Woodland identified by English Nature	Area of Historic Woodland identified by DAU from OS T maps
-----------------------	----------------------------	-----------------------------	---------------	---------------------	------------------------	---	----------------	---	--	--

Site Numbers refer to Archaeological Gazetteer in section 3.7.2

Early Bronze Age	Middle Bronze Age	Late Bronze Age	Iron Age	Roman	Medieval	Post Medieval	Modern
------------------	-------------------	-----------------	----------	-------	----------	---------------	--------

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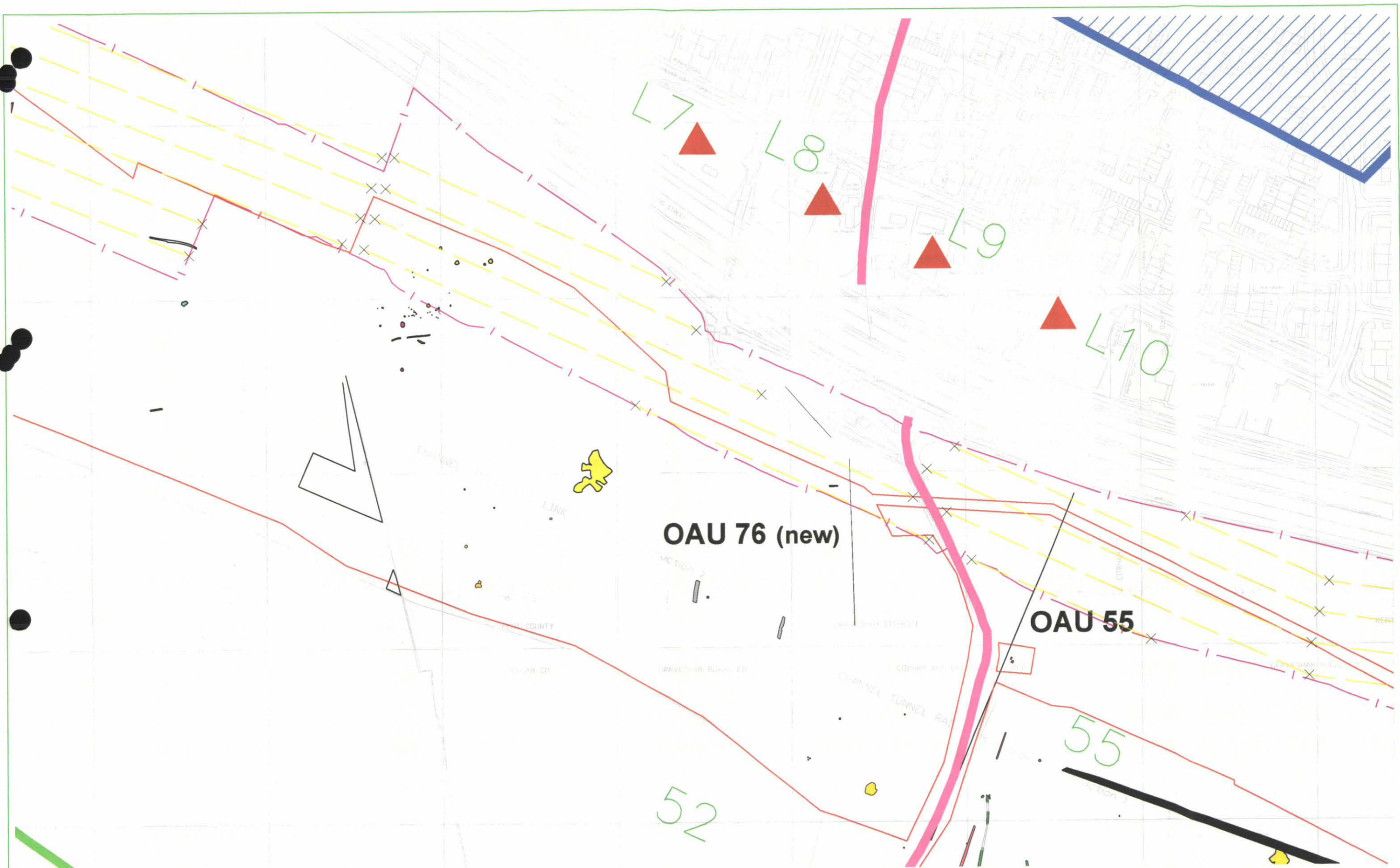
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A2 Bean to Cobham: Phase 2

Cultural Heritage

Hyder

Drawing No: 6 of 9



OAU 76 (new)

OAU 55

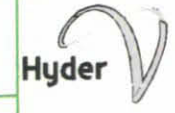
- LEGEND**
- STUDY CORRIDOR (1:500)
 - Scheduled Ancient Monument
 - Listed Building (L5 - L9)
 - Historic Road
 - Archaeological Site
 - Archaeological Feature
 - Archaeological Area (Evaluation / Falsification)
 - Linear Feature
 - Area of cropmarks identified from the air
 - Area of Historic Woodland identified by English Nature
 - Area of Historic Woodland identified by OAU from OS 1" maps

- Site Numbers refer to Archaeological Gazetteer in section 3.7.2
- Prehistoric
 - Iron Age
 - Roman
 - Medieval
 - 17th-19th Century
 - 20th Century
 - Modern



A2 Bean to Cobham:
Phase 2

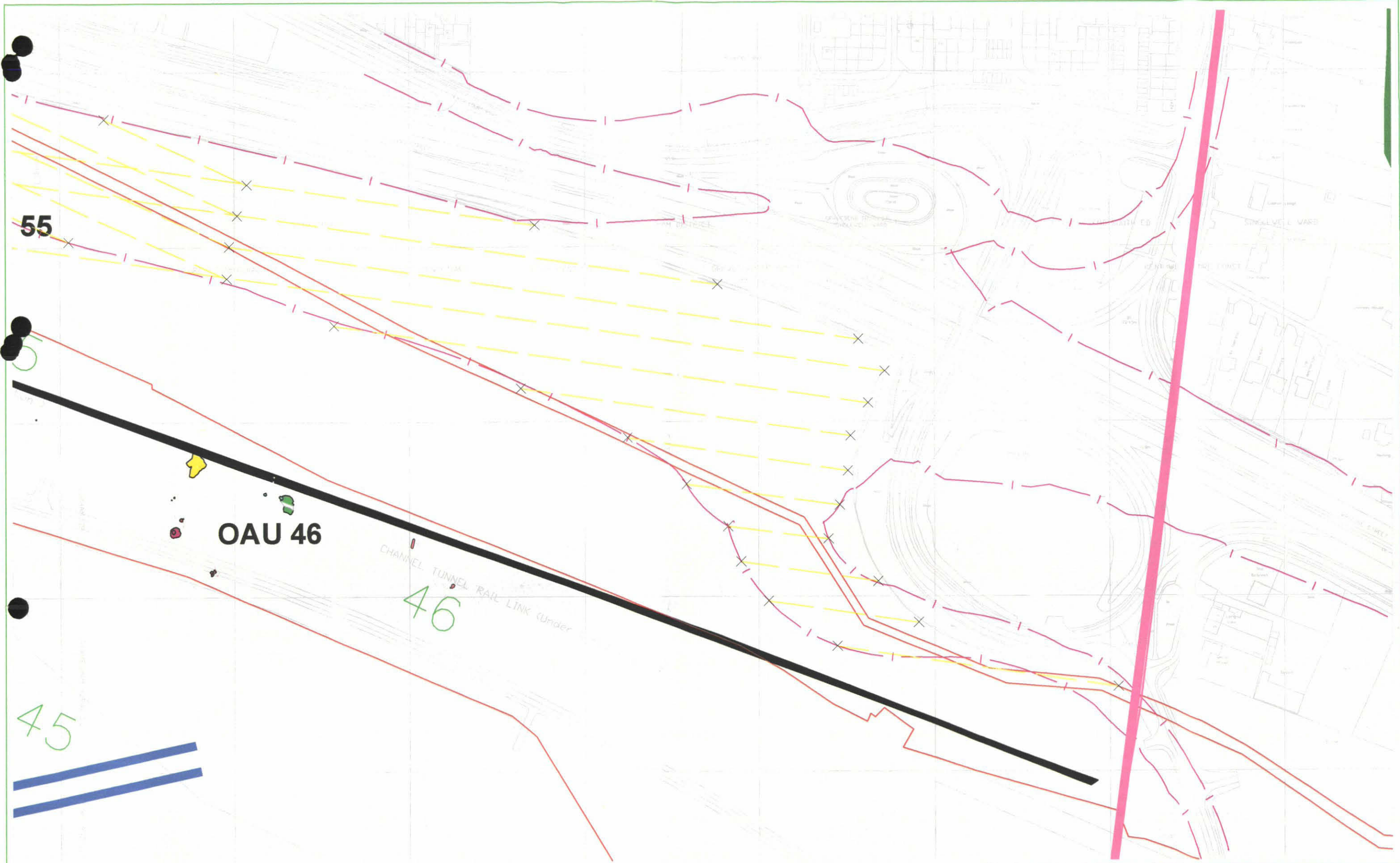
Cultural Heritage



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1:2000

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55

5

OAU 46

CHANNEL TUNNEL RAIL LINK (Under)
46

45

Rev	By	Checked	Date

LEGEND

STUDY CORRIDOR (New)	Archaeological Area (Evaluation / Follow-up)	Late Iron Age / Roman Age	Roman	Medieval
Scheduled Ancient Monument	Linear Feature	Late Iron Age / Roman Age	Late Iron Age / Roman Age	Medieval / Post-medieval
Listed Building (LS - LB)	Area of cropmarks identified from the air	Late Iron Age / Roman Age	Roman	Medieval / Post-medieval
Historic Road	Area of Historic Woodland identified by English Nature	Late Iron Age / Roman Age	Roman	Medieval / Post-medieval
Archaeological Site	Area of Historic Woodland identified by OAU from OS 1" maps	Late Iron Age / Roman Age	Roman	Medieval / Post-medieval
Archaeological findsite		Late Iron Age / Roman Age	Roman	Medieval / Post-medieval

Site Numbers refer to Archaeological Gazetteer in section 3.7.2

CLIENT

HIGHWAYS AGENCY

Scale: 1:2000

PROJECT

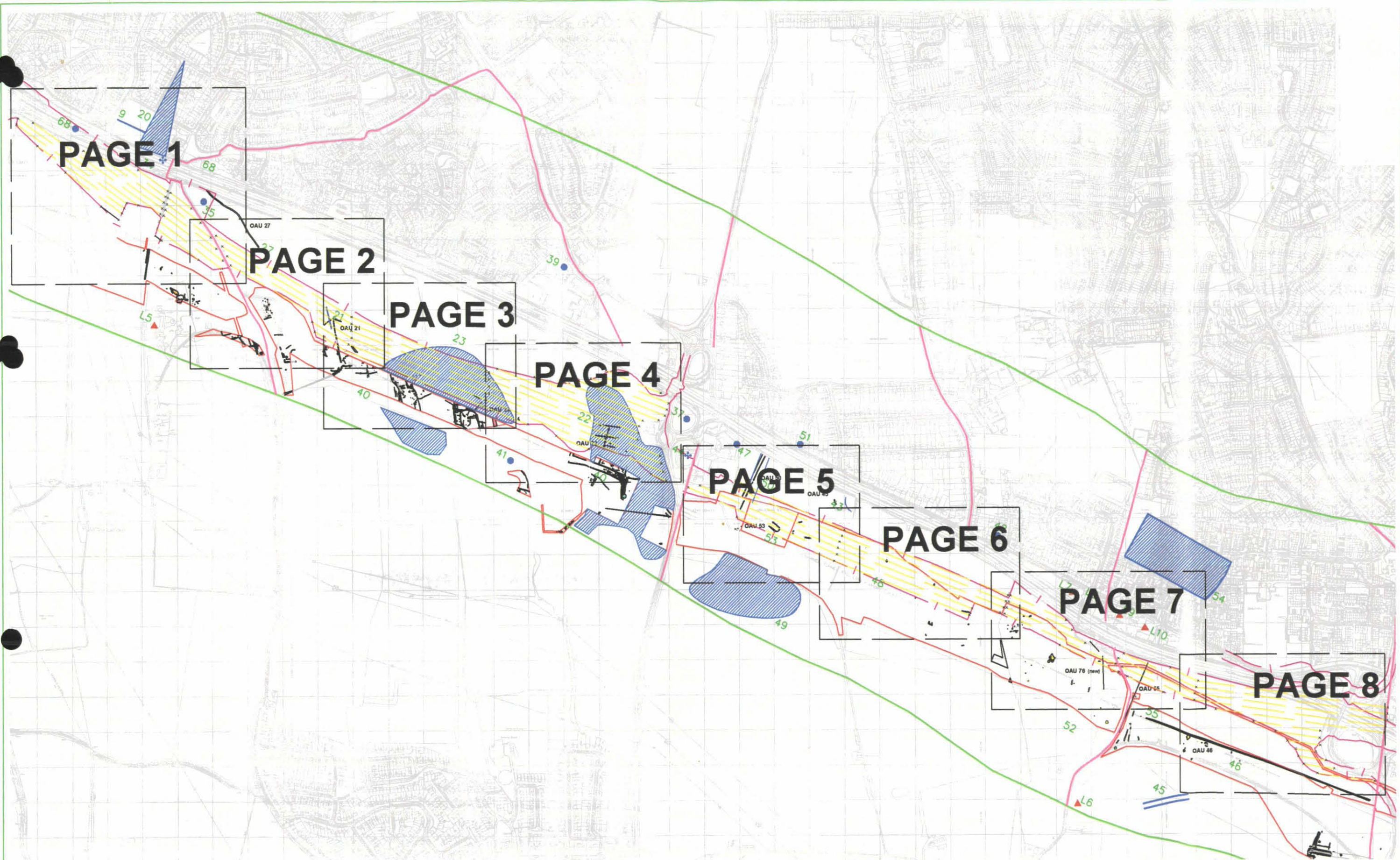
A2 Bean to Cobham: Phase 2

TITLE

Cultural Heritage

HYDER

8 of 9



Issue	Description	Auth.	Chk.	Appd.	Date

LEGEND

STUDY CORRIDOR (1 Km)	Archaeological Area (Evaluation / Fieldwalking)
Scheduled Ancient Monument	Linear Features
Listed Building (L5 - L10)	Area of cropmarks identified from the air
Historic Road	Area of Historic Woodland Identified by English Nature
Archaeological Site	Area of Historic Woodland Identified by OAU from OS T maps
Archaeological Finds	

Site Numbers refer to Archaeological Gazetteer in section 3.7.2

Late Iron Age	Roman	Medieval
16th-18th Century	19th-20th Century	Scheduled to Past Monuments
19th-20th Century	20th Century	Other
19th-20th Century	Other	Unknown

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9 of 9

A2 Bean to Cobham: Phase 2

Cultural Heritage

Hyder

1:2000

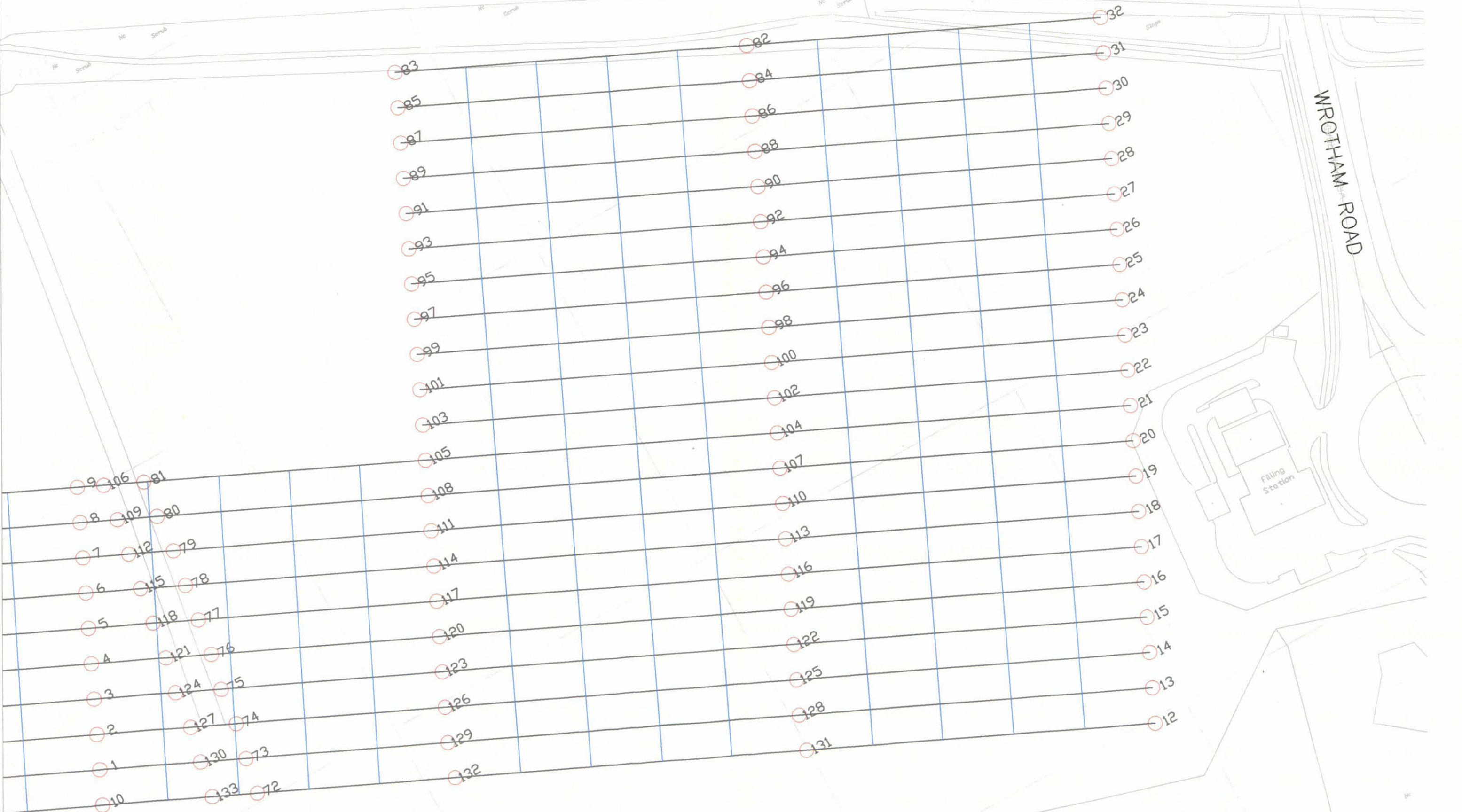
WATLING STREET

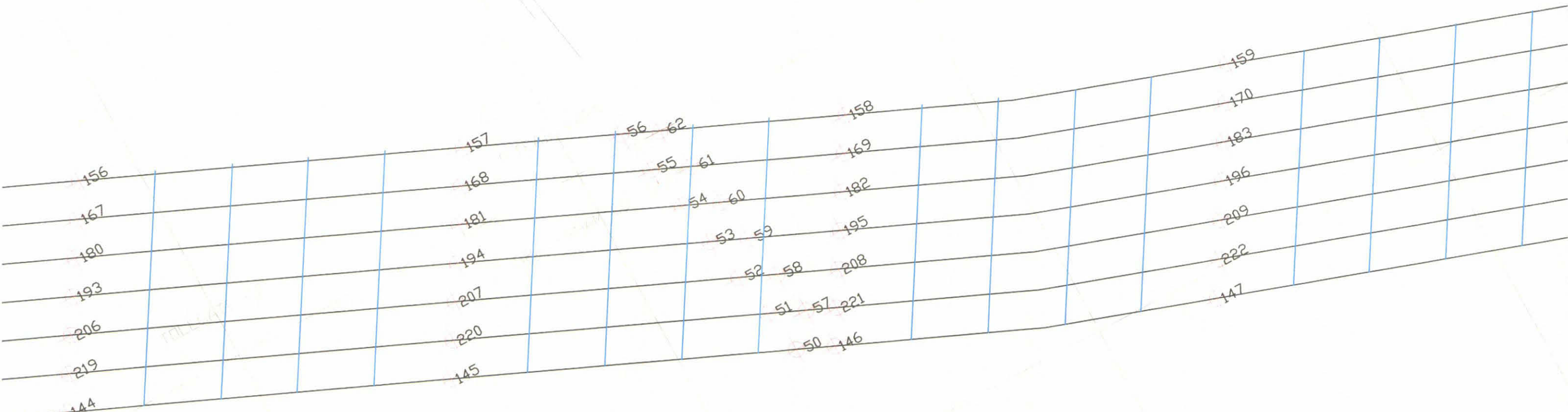
WROTHAM ROAD

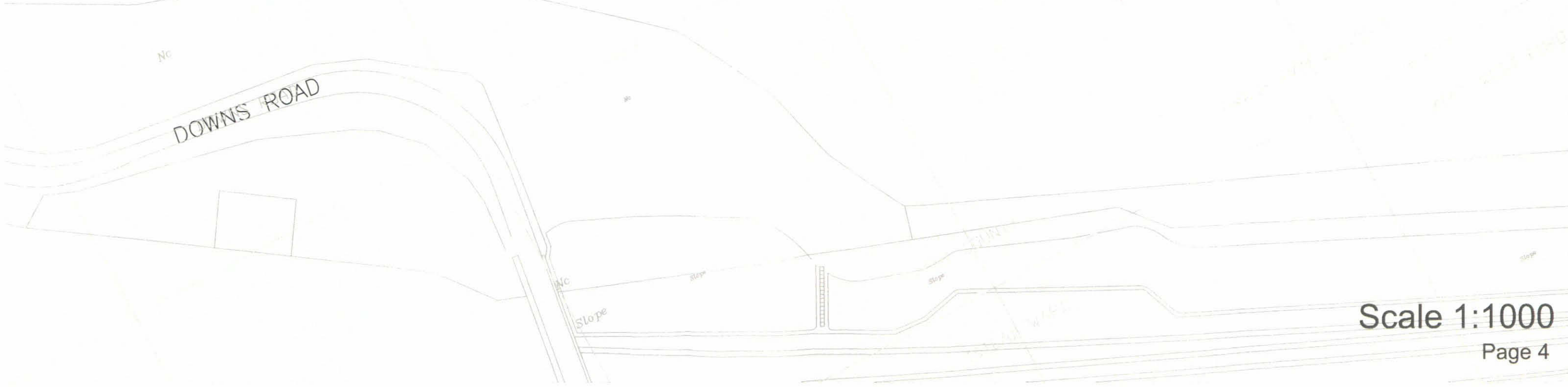
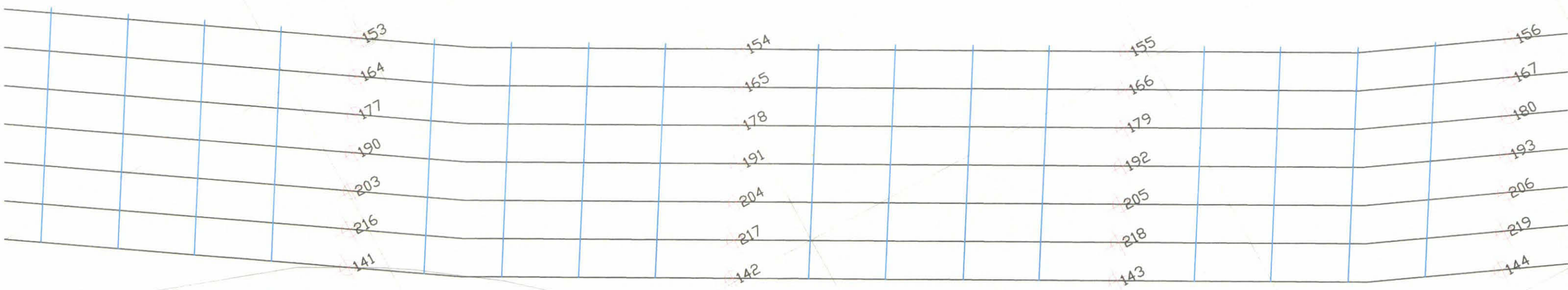
Filling Station

El Sub Sta

Scale 1:1000



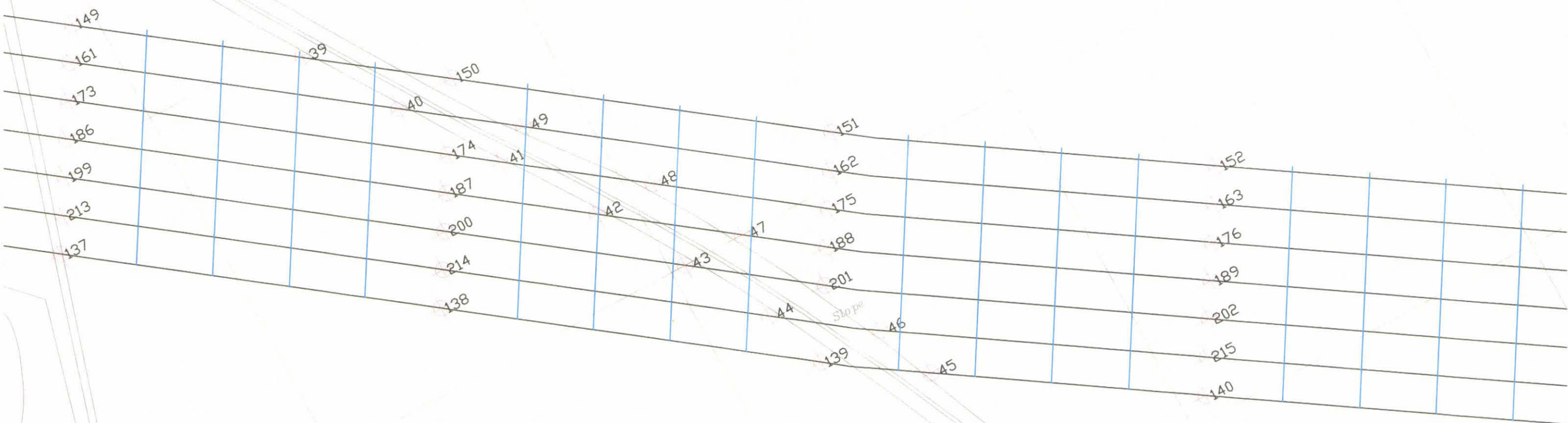




Scale 1:1000

A 2

Track



action)

Scale 1:1000

Page 5

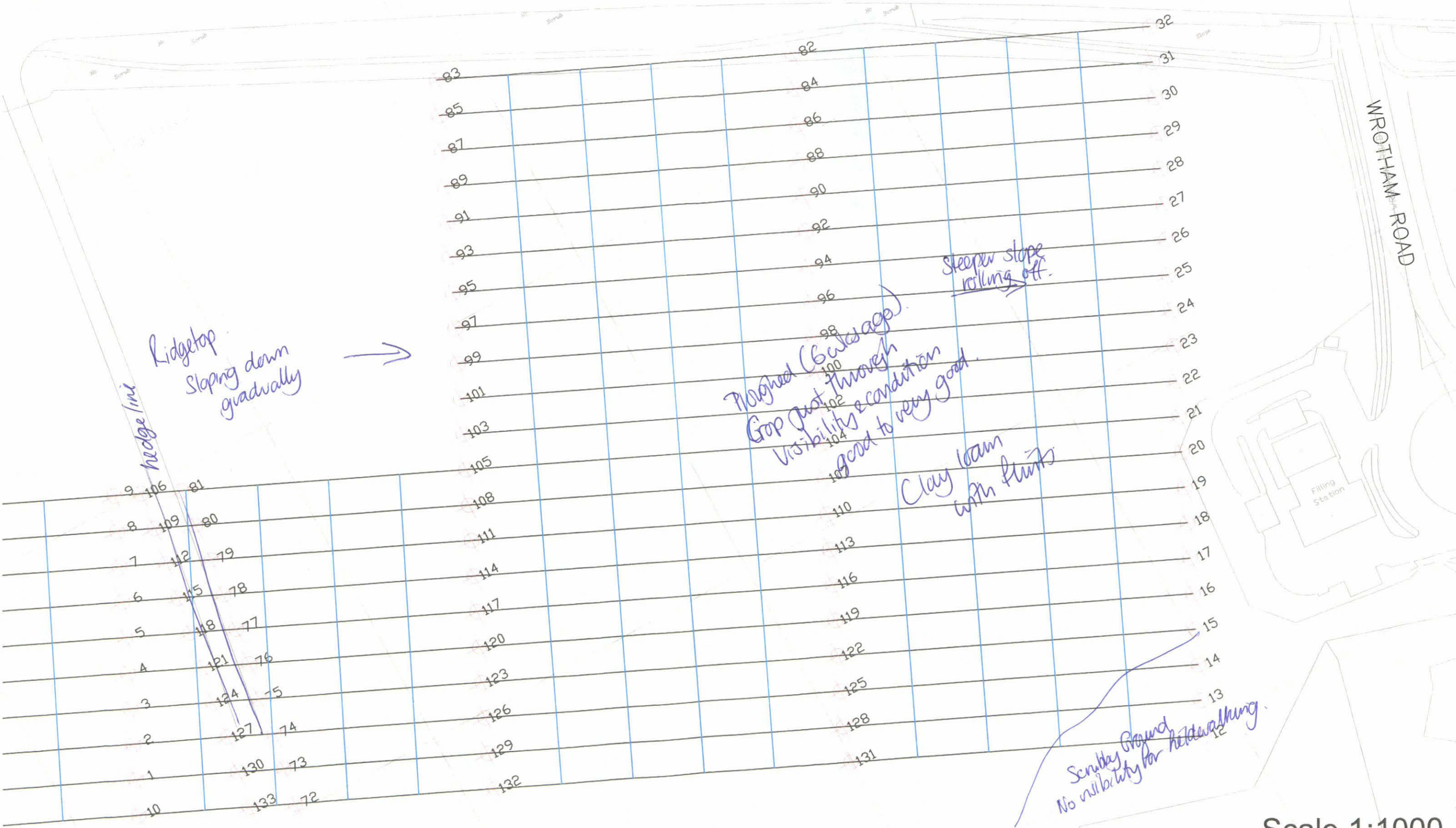
DOWNNS ROAD



ABC '03: Description of fields.

WAITING STREET

WROTHAM ROAD



Ridgetop sloping down gradually

Ploughed (6 weeks ago)
Grop just through
visibility & condition
good to very good.

Steeper slope rolling off.

Clay loam with flints

Scrubby ground
No visibility for hedgerowing.

Scale 1:1000

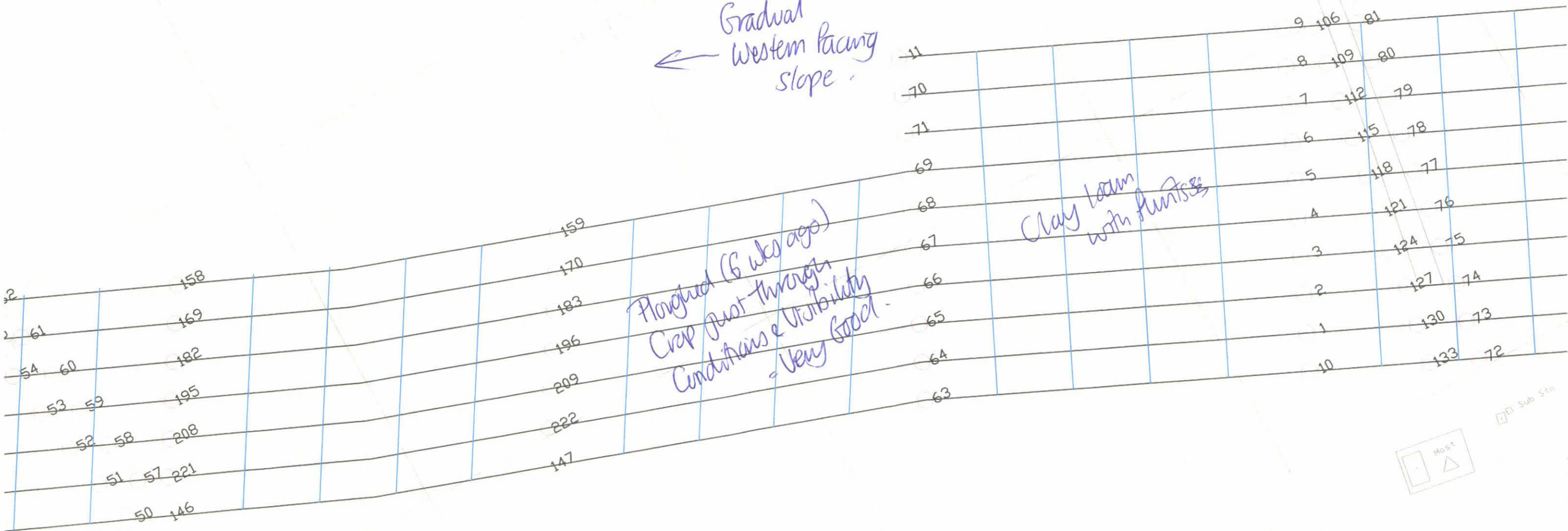
Top of rise

Gradually sloping but almost flat →

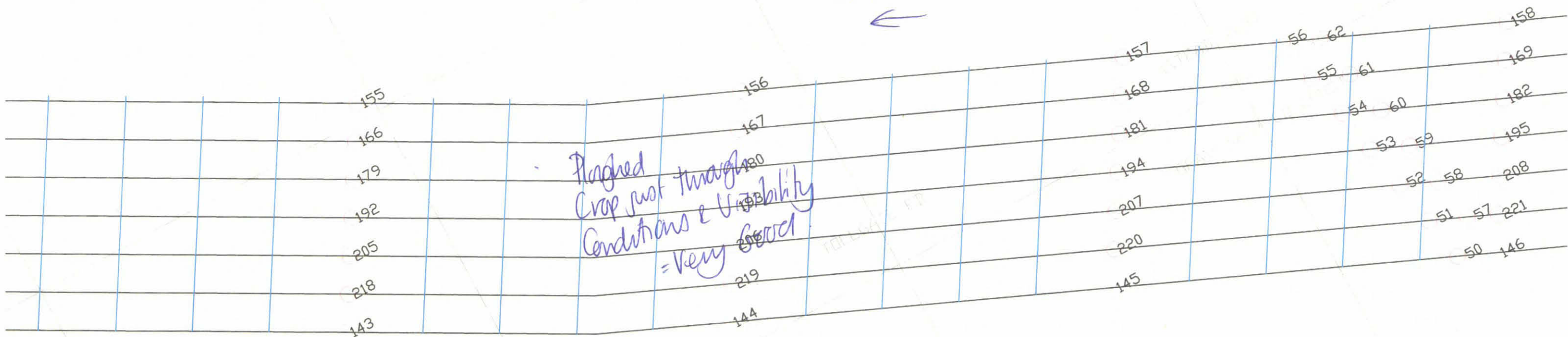
← Gradual western facing slope.

Clay loam with flintstones

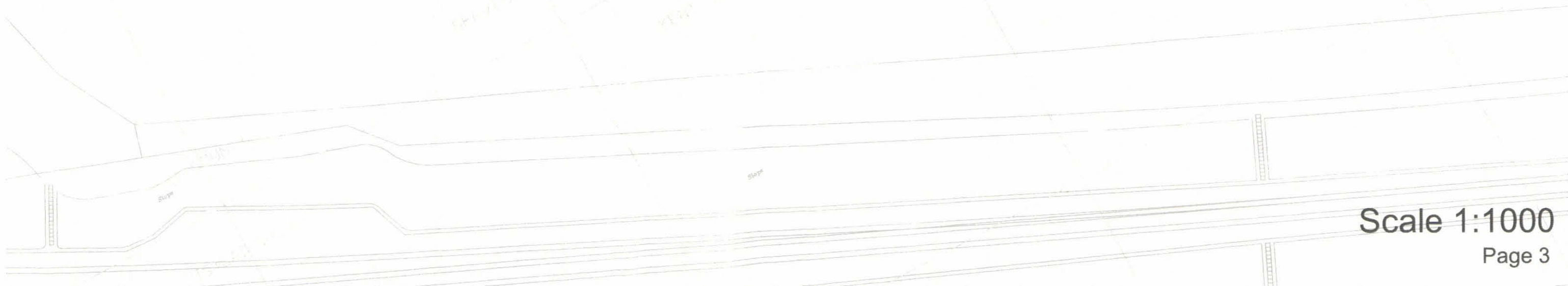
Ploughed (6 wks ago)
Crop just through
Conditions & Visibility
= Very Good.



Gradually sloping down towards
the west



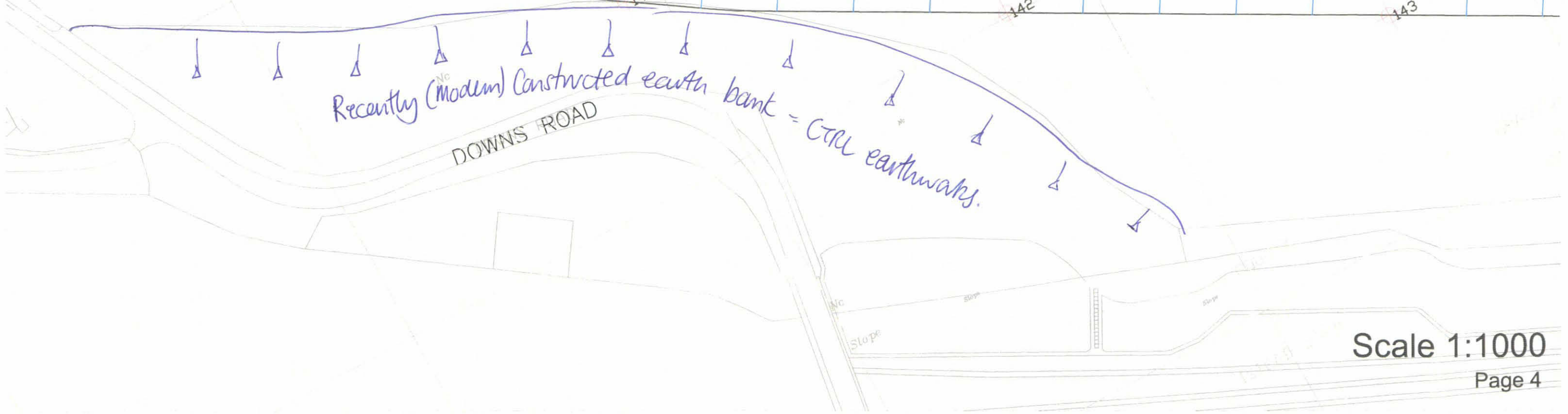
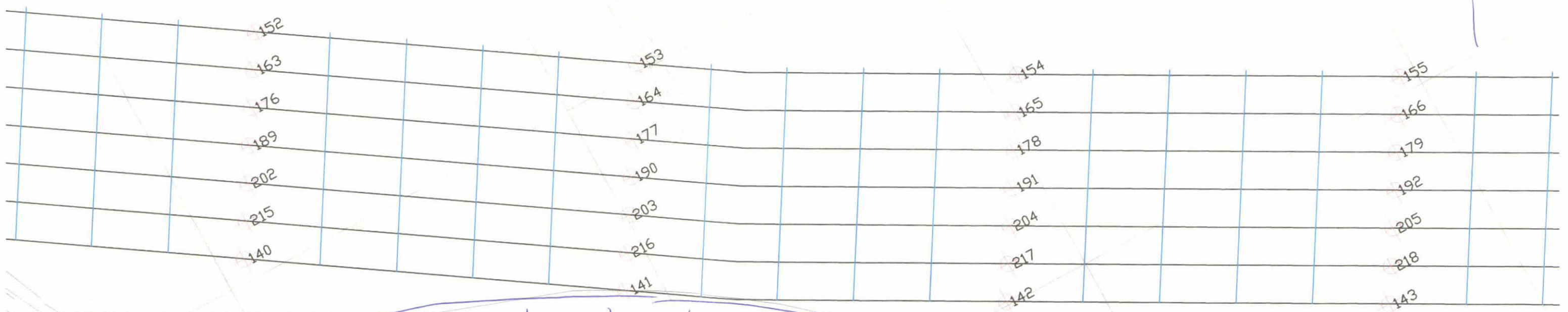
Ploughed
Crop just through
Conditions & Visibility
= Very Good



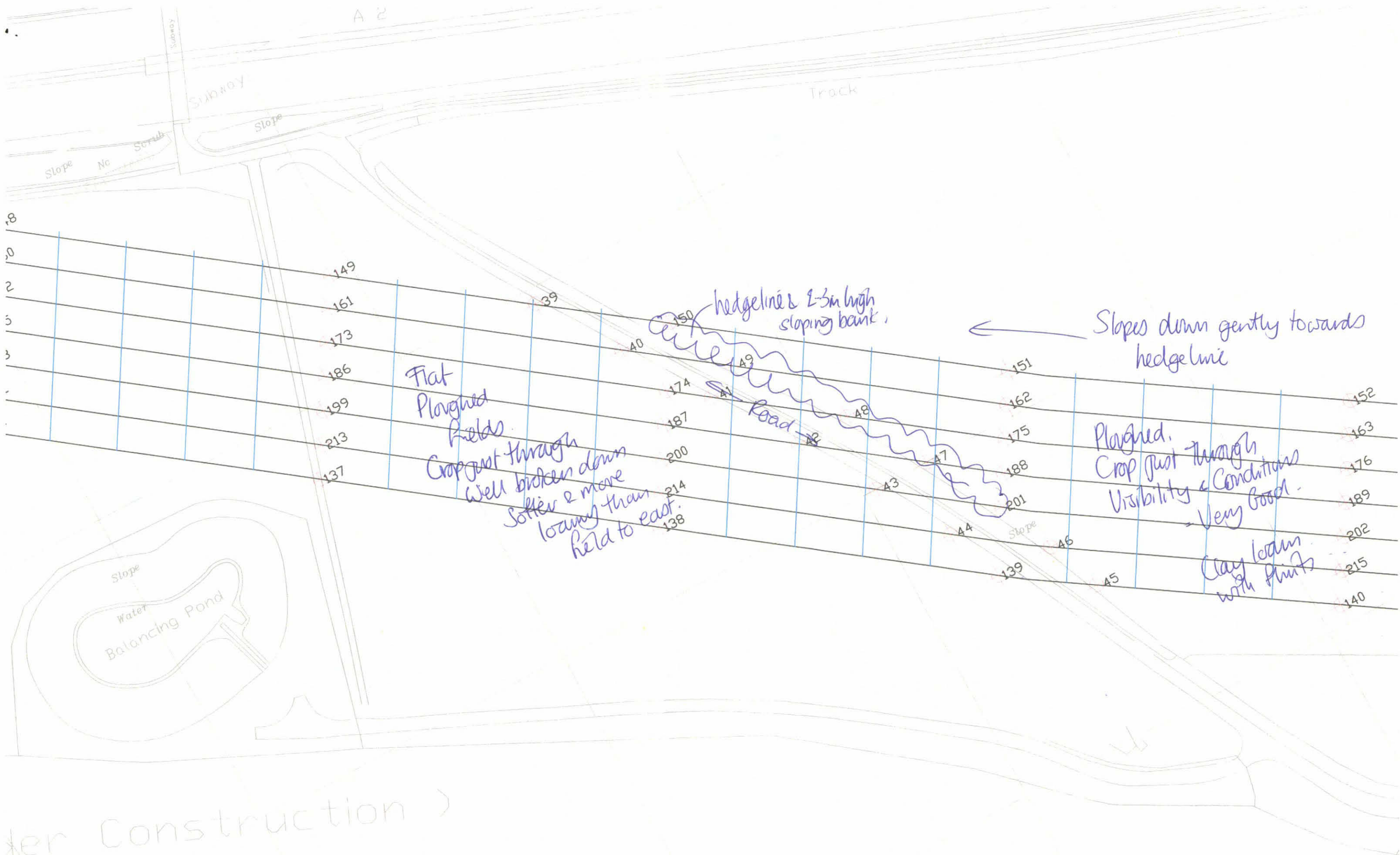
Scale 1:1000

1
Slight
Ridge.

Sloping down
gently towards
next hedgerow



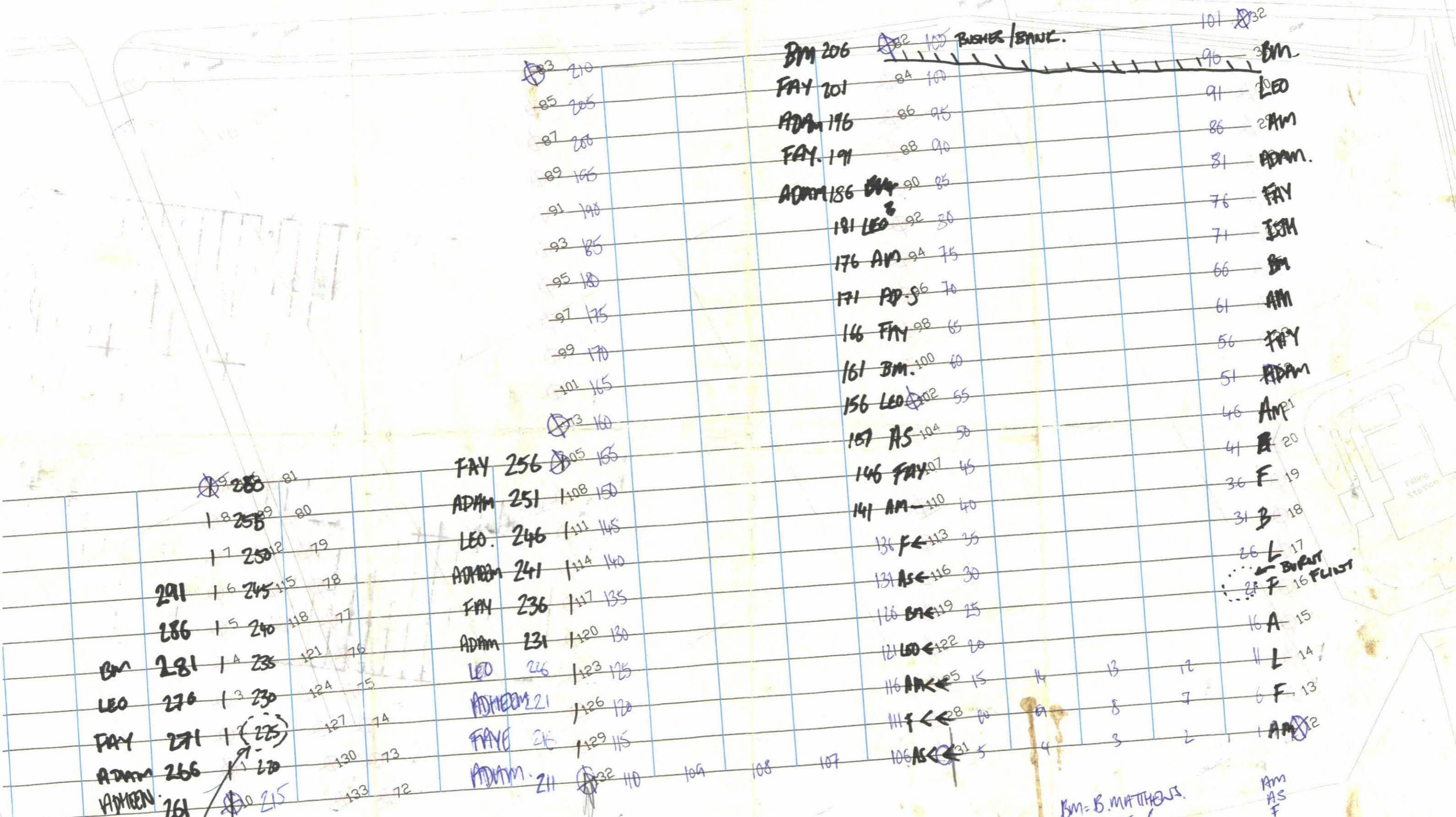
Scale 1:1000



Water Construction)



Flat held
 Ploughed &
 Well broken down.
 Soil (ie loamier than
 to the East).
 Slightly clayey -
 Visibility & Conditions
 = Very good.



BURNT
FLINT
SCATTER.

BM = B. MATTHEWS.
 FB = FAYE F
 A = ADAM STONE
 L = LEO
 AM = ADHEEM AMLIK.

Am
 AS
 F

Scale 1:1000

Page 1

	81
288	81
258	80
250	79
291	78
286	77
281	76
276	75
271	74
266	73
261	72

FAY 256	105	105
ADAM 251	108	150
LEO 246	111	145
ADAM 241	114	140
FAY 236	117	135
ADAM 231	120	130
LEO 226	123	125
ADHEEM 221	126	120
FAYE 216	129	115
ADAM 211	132	110

BM 206	102	100	BUSHES/BANK.	101	32
FAY 201	84	100		96	30
ADAM 196	86	95		91	20
FAY 191	88	90		86	20
ADAM 186	90	85		81	ADAM.
181 LEO	92	80		76	FAY
176 AM	94	75		71	ISM
171 AD	96	70		66	BM
166 FAY	98	65		61	AM
161 BM.	100	60		56	FAY
156 LEO	102	55		51	ADAM
151 AS	104	50		46	AM
146 FAY	107	45		41	20
141 AM	110	40		36	F 19
136 FB	113	35		31	B 18
131 AS	116	30		26	L 17
126 AM	119	25		21	F 16
121 LEO	122	20		16	A 15
116 AM	125	15		11	L 14
111 FB	128	10		6	F 13
106 AS	131	5		1	AM 12

BURNT
FLINT

Filing
Station

BURT PLINT

MODERN BRICKS

156 450
167 445
180 440
193 435
206 430
219 425
144 420

ADHEM 446 157 415
LEO 441 168 410
ADAM 436 181 405
FAYE 431 194 400
BIM. 426 207 395
FAN 421 220 390
ADAM 416 145 385

56 62 ADAM 411 158
55 61 BIM 406 169
FAYE 401 182
ADAM 396 195
FAYEE 391 208
ADHEM 386 57 221
LEO 381 50 146

159
170
183
196
209
222
147

038/757

3022/1703. -1713

X 590	ADAM LEO	588	V ⁵³	555	ADMEEM	551	15A	520	LEO	516	155	485	BM	481	156	450
585	ADMEEM	581	16A	550	FAYE	546	165	515	ADMEEM.	511	166	480	ADAM	476	167	445
580	ADAM	576	177	545	WUOU	541	178	510	ADAM	506	179	475	FAY	471	180	440
575	FAYE	571	190	540	2-7	536	191	505	FAY	501	192	470		466	193	435
570	ADAM	566	203	535	2-7	531	20A	450	BM.	496	205	465		461	206	430
565	FAYE	561	216	530	WUOU	526	217	495	ADAM	491	218	460	ADMEEM	456	219	425
X 560	Leo	556	141	525	WUOU	521	142	490	FAY.	486	143	455	LEO	451	144	420.

2907/706

991/651 changed to 661

DOWN'S ROAD

Slope

Scale 1:1000

A 2

Track

694/931

774/872

857/812.

149 695

161 690

173 685

186 680

199 675

213 670

137 665

663/80.

LEO 39

FAYE

ADAM

ADHEEM

LEO

ADAM

FAYE

691

660

686

655

681

650

676

645

671

640

666

635

661

630

743/820.

ADAM

656

FAYE

651

LEO

646

641

636

631

626

625

620

615

610

605

600

595

590

585

580

575

570

565

560

555

550

545

DRY.

ADHEEM

LEO

FAYE

ADAM

FAYE

ADAM

FAYE

ADAM

FAYE

ADAM

FAYE

ADAM

FAYE

ADAM

FAYE

ADAM

621

616

611

606

601

596

591

590

585

580

575

570

565

560

LEO

ADHEEM

ADAM

FAYE

ADAM

FAYE

LEO

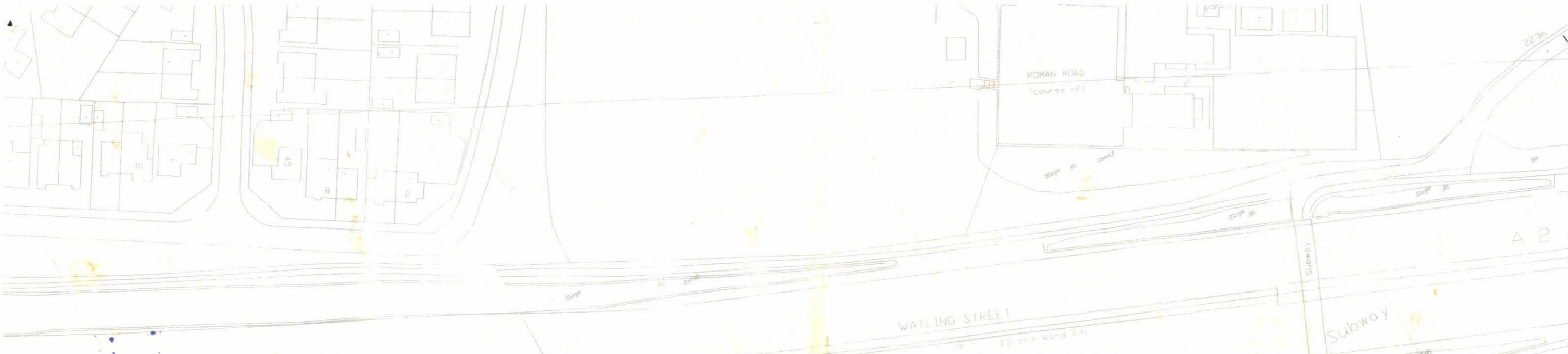
DOWN'S ROAD

Scale 1:1000

Page 5

action

7/2/19



446/062
~~446/062~~

522/032

613/991

ADAM 780
 FAYE 779
 778
 777 X 764

420/056

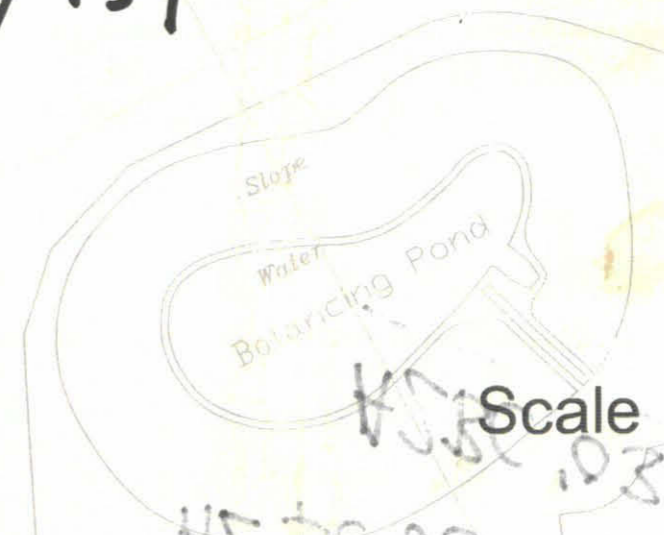
BCI 776 X 755
 LD 775 774 750
 ADAM 770 745
 EME ADAM 765 740
 ADAM FAYE 760 X 735

501/998

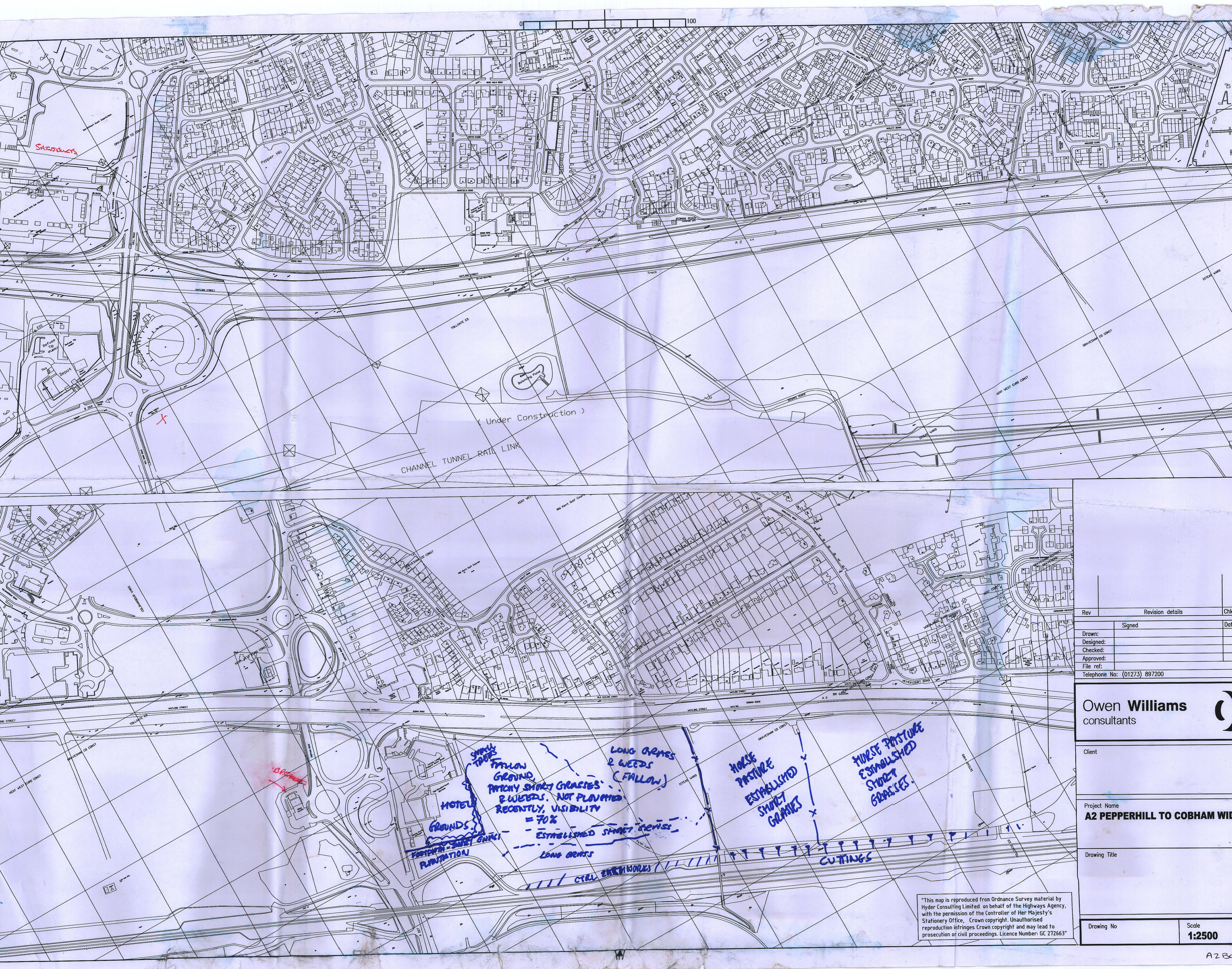
ADAM 758 757
 ADAM EME 756 725
 IEO 751 720
 ADAM 746 715
 FAYE 74 710
 ADAM 736 705
 731 X 700

582/939

FAYE 726 695
 ADAM 721 661
 ADAM 716 673
 LED 711 686
 ADAM 706 699
 A DEEM 701 713
 FAYE 696 637



Handwritten notes and numbers at the bottom right, including '20 02' and '20 03'.



(Under Construction)
CHANNEL TUNNEL RAIL LINK

Rev	Revision details	CHK
	Signed	
Drawn:		
Designed:		
Checked:		
Approved:		
File ref:		
Telephone No: (01273) 897200		

Owen Williams consultants

Client

Project Name
A2 PEPPERHILL TO COBHAM WID

Drawing Title

SMALL TREES
FALLOW GROUND
PATCHY SHORT GRASSES & WEEDS. NOT PLANTED RECENTLY. VISIBILITY = 70%
HOTEL GROUNDS.
FOOTPATH - SHORT GRASS PLANTATION
LONG GRASS & WEEDS (FALLOW)
ESTABLISHED SHORT GRASSES
LONG GRASS
HORSE PASTURE ESTABLISHED SHORT GRASSES
HORSE PASTURE ESTABLISHED SHORT GRASSES
CUTTINGS
CTRL EMBANKMENTS

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AZ PEPPER HILL TO COBHAM

AZ BC 03

FIELDWALKING

C PRIMARY FINDS DATA

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

Line 1: [OASouth] County[Kent] Parish:[Pepperhill to Cobham]

Site[Fieldwalking and metal detecting survey] Site code[A2 BC 03]

Line 2: Excavators name[T Allen]

Line 3:

Classification of material

Tick if present

Classification of material	Tick if present
Index to archive	
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A2BC EX

fieldwalking - Tile/Bich record.

-count, weight (g)

460.	3	44	47.	2	22.	
478.	4	136	13	1	29.	
504	1	19	18	3	71	
459.	2	17	8	1	27	
465.	5	194	50	-	-	
474	5	124	20	-	-	
479	2	59	19	-	-	
466	11	210.	12	1	12	
484	-	-	16	-	-	
482	-	-	10	-	-	
451	2	44	44	3	122	
458	6	170	41	-	-	
457	2	39	45.	3	148	
457	4	47	29	2	57	
471	10	143.	26	2	33.	
453	4	121	34	-	-	
477	11	279.	37	3	65.	
473.		193.	9	-	-	
481	-	-	13	2	32.	
480	4	107.	27.	6	166	
456	8	214	49	1	45.	
476	5	113	46	-	-	
469	2	35	22	2	35.	
452.	4	108.	35	-	-	
AS.	467	6	123	21	2	50
	468	3	59	39	1	8
Tr.	467.	6	101.	32	-	-
	483	-	-	31	-	-
	470	6	193.	23	3	86
SH.	454.	2	46	24	2	72
	455.	4	84.	25	1	27

A2BCEX

Tile / Brick record.

	36. 5	108	547	3	68.
	33 3	87	526	4	128.
	42 2 (1 Brick)	147	579	3	114.
	28 3 (1 grey)	103	533	2	35.
	30 4	93	538	8	165
	43 2	74	570	6	200
	555 4	101	531	5	127
	562 1	14.	549	2	39.
	539. 2	41.	524.	5	85
	588 2	45.	580	7	70
	545. 4	199	585	6	158
	532 4	57.	548	1	15.
	587. 3	80.	522	3	75.
LJH	537 2	31	581	4	54
	561 2	45	550	4	56
	525. 3	17	538	4	134
	557. 1	9	546	6	85
	576 4 (1 Brick)	184.	584	4	72
	536 8	169.	521	7	155.
	544 7	126	566	4	54.
	552 2	39.	540	8	207.
	554 8	237	551	4	119
	590 1	31	582.	2	32
	541 3 (1 Brick)	145	523	3	83
	543. 4	157	578.	3	104
	560 2	30	571	1	34
AS	537 9	204	563.	5	96
	568 3	80	567	4 (1 brick)	233
	565 1	18.	577	7	122
	540 —	—	573	2	57.
	569 5	114.	572	2	33

A2BC EX .Tile / BRICK RECORD.

575.	2	24	236	3	65.
589	1	12	216	1	38.
574	5 (1 brick)	124.	229.	3	106
564	5 (133.	215.	19	455.
559	1	14.	218	1	20
558	1	14.	238	1	22
556	—	—	237	2	36.
563.	3	40	239	1 (brick)	97.
538.	5	150	213.	10 (1 brick)	179.
586	2	37	234	5 (1 brick)	319.
553	4	111	212	4	63
535	5	115	227	3	79
244.	2	88	222	5	108
245	2	32.	246	1	4
249	5 (1 brick?)	225	226	1	23
255	8	231	220	1	19.
224	4	106	228	4	112.
232.	6	593.	233	4 (1 brick)	89
250	4	69	230	7	128
231	5	99	211 211	8	143
243	5	129	214	4	40
241	2	31	254	5	87
247	3	83.	217	3	139.
240	5	123	260	2	30
221	4	73	259	8	235
242	3	56	253	6	157
258	1	23	225.	2	41
251	6	61	256	4	50
235	12	82.	257	1	26
248	2	66	223.	2	72
252	5 (1 brick)	137	261	8	163

A2BCKX

Tile / Brick record.

264	2	468		301	3	77
263	2	38		290	7(2brick)	294
307	6	143	G/NVary	272	2	152
297	3	125		298	2	35
265	3	84	(1+supp ^{hole})	289	8(1brick)	479
306	9	207	Fi ?	295	6	147
262	2	82		282	1	50
267	7	288		274	2	46
300	6	182		281	3	30
270	5	198		293	3	55
284	2(1brick)	50		266	6	130
310	5(1HARDTILE)	149		294	7	193
308	5	88		286	6	237
296	1	21		292	3	137
277	4	152		291	1	25
ABS	268	8	127	275	2(1brick)	58
*	285	-1(?brick?)	-412	305	1	71
	269	8	204	278	2	82
	273	7(incl. 1rim)	288	509	4	104
				510	2	34
	299	6	138	489	3	39
	280	2	32	488	1	30
	304	-	-	498	1	41
	303	2	89	501	2	30
	287	7	197	503	2	65
	309	11	296	486	3	62
	271	3	72	508	9	167
	288	6	113	Fi ? 505	4	87
	279	4	137	493	2(1brick)	160
	302	1	54	506	8	291
	276	4	113	490	4	94

A2BC EX BRICK/TIME RECORD

500	1	24	592	5	130
514	3	80	542	2	40
520	1	17	591	1	19
494	1	26	603	5	108
507	7	138	607	2	32
513	3	56	616	7	94
491	6	121	597	6	128
502	3	65	620	9	115
487	3	33	618	8 (1? botan)	244
492	7	99	593	4	90
515	1	12	646	1	24
519	3	60	608	7	235
518	4 (1 st with ground)	79	611	1	54
497	2	50	624	2	64
512	2	132	606	2	18
511	3	63	622	1	76
495	7	148	601	5	124
517	2	38	615	4	92
516	3	108	610	2 (1 brick)	71
499	1	14	600	1	18
496	2	38	621	2	70
647	2	56	595	5	109
586	3	55	598	4	73
609	7	158	599	—	—
617	8	228	604	4	111
605	1	34	625	2	53
594	3	39	602	8	196
613	1	22	342	—	—
614	1	44	317	4 (incl 1)	143
612	4	84	317	6 (incl 1 brick)	230
619	4	134	316	8 (incl 1 brick)	191

A2 BC EX.

Tile/Brick record.

323	8	173	314	4	119
324	2	39	312	1	19
338	4	87	698	3	76
336	2	75	727	3	34
331	6	108	696	1	28
641	2	44	725	8	143
344	3	79	710	2	34
334	8	227	716	5	105
322	9 (1 covered black brick tile)	226	700	3	77
318	7	176	706	1	15
332	3	87	705	2	38
337	4	95	714	4	53
343	4	109	709	5	92
328	4	74	711	2	35
329	10	225	708	4	77
321	3	95	681	1	8
341	2	90	726	7	131
333	10 (1 brick)	438	699	6	88
311	1	77	703	4	91
313	2	100	718	6	90
345	5	130	702	6	114
320	6	141	697	3	122
326	3	71	719	7	113
327	4 (all covered brick)	307	723	7	164
340	2	21	721	5	71
339	6	139	707	7	124
315	—	—	713	4	102
325	2	57	724	14	256
330	6	150	722	2	15
335	5	184	712	3	55
319	4 (1 black brick tile)	89	728	3	63

ABC EX. Tile/brick record.

730.	5 (incl 2 bricks)	428.	186.	9	155
720.	2	35	208.	1	4
715	2	56.	123.	7 (+1 brick)	147
704.	1 (brick)	17	124	3	82.
701	3	48.	194	2	50
188	1	30.	190.	4	56.
174.	6	165.	187.	6	151.
210	3	92.	156.	7	184
166	5 (4+1 brick)	136	209	1	70
171	14.	300.	160	2	37.
159.	3	121.	140	2	66.
170	3	95	200	5	121
167	2.	158.	179	2	53.
121	2	30	128.	1	39.
196	6	86.	183	2	185.
157.	3	39.	143	2	43
172.	2	29.	141	1	33.
205	2	85.	202.	2	77.
127.	1	12.	145.	3	48.
191	2	45.	155.	6	221.
199.	5	104	117.	5	124
169.	2	83	180.	3	61
173	5	140.	(?195) 193	—	—
192	1	17	135.	7	240.
197.	8	171	131	6	155
95.	9.	213.	181	4	124.
158.	5	89.	185	1	32.
fj.?	201	29	132	4	26
	198.	33.	182	1	33
	189.	181	142.	2	87.
	206	35	118	2	32

A2BCFX

File/Link record.

1241		49.	85	5	116
129.1		25	88	-	-
109.4	(2brick)	72	89	2	52
152.3		115.	92.	2	58
153.5		64	80.	4	182
108.8		120.	78	3	121
107.2		35	87	2	65.
151.4		101.	99	2	29.
136.4		87	83	7(2BRICK+IT)	429.
115.1		40.	84	4(1THICK? early brick)	275.
112.2		52.			
106.1		15	11	1	22.
161.3	(1BRICK)	218.	94	3(incl. leaning for heart tile)	136
139.4		133.			
114.1		20.	75.	5	87
130.1		28.	93	6	163
126.3		106.	73	9	185
162.2		51	90	5	111
164.2		39	94	9	213.
147.1		51.	81	11(1BRICK)	328.
150.1		13.	91	10(With long tile)	172
120		-	100	3	102
113.4	(1BRICK)	200	51	3	64.
134.6		72	65	2	57
119.3		69	61	1	52.
176.2		58	62	1	34
165.1	(BRICK)	90.	55	4	170
149.7		240.	54	2	103
137.2		72.	64	4	102
177.2		55.	70	1	36
148.3		84	79	2	64

TILE/BRICK RECORD.

A2BC03.

(LTH) 774

1

11

No

	No				
739.	1	9 28		103	3 45.
753.	1	27		627.	2 62
738.	2	67.		629.	4 41
751	3	77.		656	3 122
755	3	89		628	3 70
754	3	117		461	6 85
736	2	22		660	3 134
752	3	62.		657	6 120
776	2	36		658	4 67.
766	3	45		645.	2 35.
763.	2	109.		638	1 91
776	2	70		632	1 6
767	6	126		634	2 22
773	4	60		659	2 29
770	5	88.		652	3 96
772	3	89		651	3 31
761	2	71		653	1 25
771	5	114		633	1 39
777	1	20		639	1 35.
760	1	69		630	2 25.
769	2	33	(fi)	475.	173 6
764	3	72		640	1 13.
762	1	25		421	6 177.
765	2	165.		443	1 17
768	3	85		445	4 122
(AM) 774	3	90		448	5 145.
778	1	37		425.	6 73
775	1	20		446	3 79
780	6	111		449	2 30

A2802. File/track record

426.	1c	16	401.	9	286
428.	2	122	403	5	69
442.	3	50	387	6	100
449.	2	26	419	4	108
436.	9	170.	394	5	110
432	7	105	388.	4	118
447	1	14	395.	1	25.
437	7(18+6T)	252.	396.	7	135
440	4(16+3T)	147	399	5(38+2T)	406.
423	1	46.	411	6	108.
438	3	87	415	6	152.
435.	10	241	398	6	99.
439	5	132.	340.	6	76
450	2	59	410	3(18)	142
422	3	115.	416	4	123.
429	3(20)	222	382	2	45.
448	3	62	406	4	95.
444.	1	43	409	1	25.
433	5	113	412.	5	97
441	2	47	413	2	48.
431	7	153.	392	3	61
424	4	72	389	1	11
430	1	28	? 418	9	194
434	3	70	381	3	50
427	2	62.	391	5	77
420	8	143	383	3.	36
? 402	3	65.	385	4	128.
386	4	88	390	6	127
417	6	130	397	6	91
414.	3	33	405	3	45
384	7	186	404	3	56

A2 BCO3. Tide / brick record.

383	2	91	352	3	35
407	3	93	363	5	175
741	2	94	168	—	
731	3	31	369	7	160
757	6	177	375	7	115
732	3	48	372	4	110
759	5	74	349	11(28)	352
746	1	19	364	2	36
735	1	29	361	5	106
748	—		357	5	81
749	1	27	360	2	64
747	2	35	365	6	128
744	1	15	380	9(28)	327
750	2	38	373	4	106
743	4	74	350	7	149
733	2(18)	82	377	8	321
758	6	146	359	3	76
745	9	114	347	11	330
742	3	40	379	14	276
734	2	55	351	2	36
756	3 bricks	338	348	14	298
366	6	114	370	2	44
358	5	127	355	4	195
367	3	75	378	7	173
368	3	63	356	6	174
353	5	139	376	8	184
354	4	100	670	5	119
362	2	57	695	2	21
374	5	134	684	—	
346	2	25	687	2	58
371	4	77	694	1	11

A2BC03 Tile / Brick record.

Fi.	688	3	63	76	3	42
	671	2	44	71	7	152
Old brick ^{As}	688	5 (2 brick)	461	68	2 (lumped? impress)	94
Fi.	689	4	83	66	2	42
WH	675	5	117	75	7	166
	686	8 7	128	52	8	154
As	689	5	113	57	2	76
As	685	9	216	58	5	116
AM	680	9 (1B)	268	63	2	66
WH	672	2	51	53	4	268
WH	674	2	63	74	10	232
AL	679	4	73	77	1	8
ST	690	3	91			
As	683	5	138			
WH	673	5	109			
As	682	4	66			
AM	678	2	39			
AM	677	1	7			
AM	676	3	86			
Fi	663	1	20			
Fi	665	4	86			
Fi	664	1	5			
Fi	662	2 (old brick)	141			
Fi	661	2	39			
	72	8	166			
	67	1	20			
	82	7	182			
	56	4	80			
	69	2 (1? Turn slice)	178			
FS?	60	6	228			
	59	3	46			

A28CKX. Notes on brick & tile types.

Tile.

Mainly red but occasional black hard-fired hearth tile, as present at (315)
Red tile usually red throughout, but also a variety with a dark grey
core. Also dark red (brownish) tile, ~~of~~ softer than most (~~earthenware~~).
Thickness varies commonly 13mm, sometimes as little as 10mm.
Thicker types include 25mm, 16mm (269g), 27-8mm (327).

Thin (10 & 13mm) flat-tiles have round & occasionally square pegholes.
These tiles also include ~~some~~ curving types, presumably ridge tiles.

Fabrics are usually soft with few inclusions. There is a version with
quartz grains, usually hard-fired, and also a light pink fabric
with grey, red pellets, occasional white (chalk?) inclusions & occasional quartz.
Or brick fabric (? brown) brownish grey, both red & white clay.

BRICK

Mostly hard sand-tempered, coarse, mainly.

Some fragments of brown or light weight brick, wavy/venicular, thickness not
established.

Occasional thin (narrow) bricks, probably early post-red.

AZCEX

RUNT FUNT RECORD.

460	2	44	302	1	41.
482	1	39	298	1	57.
451	5	199	520	2	73
453	1	9	513	1	22
452	5	138.	519	1	45
454	1	40	512	1	38
455	3	62.	613	2	83
13	1	32.	614	3	95
44.	1	44.	612	4	200
45.	1	41.	620.	2	80
26	1	64.	646.	2	82
31	1	52.	611	6	68
539	2	50	622	1	71
588	1	30.	623	1	53
545	1	85.	615	4	144
537	1	36	317	2	18
557	1	12	323	3	127
536	2	29	641	1	54.
590	1	52.	325.	1	8
560	5	159	314	1	55
540	1	12	312.	1	36
558	1	17	722	1	145.
224	1	42	712.	3	154
244	2	31	127.	1	12.
225	5	165.	179	2	210
261	1.	147	138.	6	133
307	2	37	128	2	47
262.	1	27	122.	4	126
296	1	30	154	4	74
285	1	28.	133.	10	203
299	3	107.	207	3	70.

A2BCFX

- ~~bunt flint~~ record~~Flint~~
bunt flint

163	1	13.		
204	2	39.	454	41
143.	2	110.	44	44.
145.	1	89.	460.	42
180	4	168.	224	42.
142	2	91.	26	64
129.	1	96	45.	41
177.	1	46.	449.	289
445	1	29	362.	9
366.	1	25	749.	31
741.	1	21	776.	9
444	2	68.	645.	9
448.	2	135.		
381.	1	23.		
450.	2	52.		
750	1	61		
672.	1	62		
383.	4	61		
361	4	168		
384	1	39.		
363	1	23		
441	2	57		
365.	1	9		
446	4	113		
443	1	27		
747	2	60.		
364	2	20.		
225.	5	164		
673.	1	35.		
455	3	62		
451	5	199		

A2Bco3. Bunt flikt record.

367. 1 20.

366 1 25.

750 1 61.

741 1 21

749 1 31

747 2 60

383 4 61

442 2 70.

448 2 134.

384 1 39.

443 1 27

449 7 289

449 5 176.

445 1 29.

441 2 57

381 1 23.

450 2 52.

444 2 68

448 4 113.

362 1 9.

363 1 24

364 2 20

361 4 168.

365 1 9

694 1 20

671 1 20

672 1 62

674 3 66

673 1 35

A2 BEAN TO COBHAM FIELD WALKING - BURNT FUNT.

TRANSSECT No.	No.	Wt g.	TRANSSECT No.	No.	Wt g.
692.	1	201	428	1	41
80	2	19.	285.	1	27
431	2	77	663	2	51
279	1	2	21	3	62
284	1	60	160	1	35
307	2	58	376	1	134
131	1	42	672	1	82
69	1	55	466	2	96
397	2	101	666	1	22
711	4	186	421	7	232
715.	1	42	311	1	61
708	1	14	449	4	133
(714) ?	2	82.	671	1	39.
722	2	129	703	2	61
1002	2	172	665	1	38
565.	1	68	1011	1	76
413	4	348.	1037	2	33
306	2	34	1020	1	32
412	1	59	1043	1	100
429.	5	150	1012	1	50
572	1	81	1036	1	68
405	3	117	1037	1	114
150	1	46.	15.	1	31
539	1	18	777	1	47
540	1	29			
586	1	56			
512	3	206			
656	1	30			
571	2	123			
71	1	40			

GRE = Glazed red earthenware

FP = oxidized brown pot

①

OXFORD ARCHAEOLOGICAL UNIT A2 BC03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq.

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile / Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool				
9						1							GRE	pmf
10						1							"	
13						2							"	
15						1							" 1; FP 1	
16			1										(2) R20	
19						1							STONEWARE	
20						2							STONEWARE	
26						3							GRE (2); oxid	
27						2							STONEWARE (1)	
22						2							OXID (RE)	
28	*					2							RE; STONEWARE * OXID SANDY MED OR PMD	
29						3							GRE	
30						8							GRE (3); FP (4)	
35						2							RE	
37						2							GRE	
39						3							GRE; RE; BUFF	
42						1	1 PM						RE	
44						1							GRE	
45						2								
46						1							7 GRE	
47						1							STONEWARE	

OXFORD ARCHAEOLOGICAL UNIT

A2BC03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool				
49						1							RE	
50						1							GRE	
52						2							GRE; RE	
54						1							GRE	
57						1							GRE	
59						1							GRE	
60						1							GRE	
62						1							"	
63						1							FP	
64						3							GRE(2); RE	
65						1							GRE	
67						1							RE	
68						1	1 PM						BLACK GLAZED	
69						3							RE(2);	
71						4							GRE	
72						5							GRE; FP(2); STONWARE; UNGLAZED	
73						4/5							GRE(2); ?FP(2)	
74						5							GRE(3); FP(1); ?GRE(1)	
75						7							GRE	
75 bis						2							BLACKWARE; RE	
77						1							RE	

OXFORD ARCHAEOLOGICAL UNIT

A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2002

Collection Unit Size:

Km.Sq.

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
78						2							GRE; RE	
78 bis						1							FP	
80						1	1 PM						GRE	
81						3	1 PM						FP; BLACKGLAZED; RE	
82						3	1 PM					@ 29mm thick		
87						1							STONEWARE	
88						1							FP	
89						3							FP	
90						3							GRE; FP(2)	
91						1							GRE	
92						5							GRE(3); FP(1); STONEWARE(1)	
93						4							GRE(2); RE?(2)	
94						7							GRE(3); FP(1); STONEWARE(2); OXID	
94 bis						1							U HEAVILY REDUCED LARGE VESSEL (BODY IV)	
95						1							FP?	
107						1							GRE	
109						1							" "	
112						1							RE/FP	
120						1							GRE	
121						1	1 UNC (PM)?						FP	
122						1							FP?	

OXFORD ARCHAEOLOGICAL UNIT A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile / Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool ^{Wing}				
129			1									S20		
131						1						GRE		
132						1						RE		
133						2						RE/FP		
135						1						GRE		
136						1						FP		
139						1						GRE		
145						1						FP		
148						1						BUFF		
150						1						GRE		
151						2						GRE; RE		
152						3						GRE (1); FP (2)		
156						6						GRE (2); FP (2) STONEWARE (2)		
157						3						GRE		
159						1						"		
160						2						"		
161						1						7FP		
164						2						?BLACK GLAZED; ?FP		
168						1						GRE		
171						8						GRE (3); RE (4) BUFF (1)		
173						1						FP		

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OXFORD ARCHAEOLOGICAL UNIT AZBC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2006

Collection Unit Size:							Km.Sq.	Ha.No.		Transect:				
Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool ^W				
176						1							COSMIC CUBE (c 12x10x10 mm)	
179						1							3R on one face	
181						1							BLACK GLAZED	
182						1							GRE	
184						1							" "	
187						3							STONEWARE	
190						1							GRE(2); RE(1)	
191						1							FP	
192						1							GRE	
193						1							RE/FP	
197						4							GRE	
													GRE(2)?; ?FP(2)	
202						1							?FP	
204						1							RE	
206						1							RE	
209						1							?GRE	
215	4	4				8							GRE(5); RE(2); FP(1)	
220						2							*?E80 OXID. GLS	
224						2							GRE	
225						1							FP?; RE	
226						1							GRE	
229						1							GRE	

OXFORD ARCHAEOLOGICAL UNIT A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2002

Collection Unit Size:							Km.Sq.	Ha.No.			Transect:			
Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool ^{limp}				
230						4	1 PM						GRE	
231						1							FP	
231A						1							RE	
235						5	1 PM						GRE (1); FP (3); SANDWAVE (1)	
245						1							GRE	
246						1							"	
247						1							OXID	
248						1							FP	
249						1	1 ??RB					POSS IMBREX FRAG	RE	
251							1 PM							
254	1												FINE OXIDISED MICACEOUS RB TO POST-MED ?	
255						1							RE	
258						1							GRE	
262						1							" "	
263						2							GRE; RE	
265						2							" "	
266						1							RE	
266 bis						1							OXID BROWN GLAZE (NOT GRE)?	
267						1							GRE	
268						3							GRE (2); RE (1)	
269						1							? GRE	

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OXFORD ARCHAEOLOGICAL UNIT A2BC 03

FIELDWALKING FINDS RECORD

Date: 11/1/2004

Collection Unit Size:

Km.Sq.

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile / Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
270						1							GRE	
271						2							"	
276						1							"	
277						2							"	
278						4							RE (2); FP (1) BROWN GLAZE (1)	
279						3							GRE	
280						2							"	
287						1							"	
288						1							"	
290						1							"	
292						2							GRE (1); RE (1)	
296						1							RE/FP	
299						2							RE/FP	
302						1							GRE	
304						3							GRE (2); RE (1)	
306						4							GRE	
307						3							STONEWARE (2) SLIPWARE (1)	
307 LRS						17							BROWN/SP SANDY POST MED ???	
308						3							GRE (1); RE (2)	
309						2							GRE BROWN GLAZE ? STONEWARE	

OXFORD ARCHAEOLOGICAL UNIT A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2008

Collection Unit Size:

Km.Sq.:

Ha.No.:

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
310						2							OXID	
313						1	1 PM						GRE	
314						1							OXID RE/FP?	
316						5							GRE (2); RE (2) STONEWARE (1)	
317						3							GRE (2); FP (1)	
317 bits						3							GRE; BLACK GLAZED STONEWARE	
318						2							GRE; STONEWARE	
319						1							? STONEWARE	
320						6							STONEWARE (6) GRE; RE/FP	
321						7							GRE (1); RE/FP (6)	
322						1							OXID	
323						4							GRE (1); RE (3)	
324						3							GRE	
326						1							"	
327							1 PM?							
328						1							RE/FP	
329						1							GRE	
330						3							"	
331						1							"	
333						2							GRE; RE	
334						2							"	
335						2							GRE	

OXFORD ARCHAEOLOGICAL UNIT A2BC03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool ^{Wing}				
337						1							GRE	
340						2							RE/FP	
340 bis						1							RE	
342						1							"	
345						1							GRE	
346						2							RE (1 POSS CSB?)	
348						4							GRE(3); RE	
349						2							GRE; RE	
357						2							GRE; FP	
359						2							GRE	
360						6							GRE(2); FA(4)	
361						2							?FP; BLACK GLAZED	
362						4							GRE(2); STONWARE(2)	
363						1							GRE	
364						1							FP?	
365						5							GRE(1); RE(2); STONWARE(2)	
366						1							FP	
367						1	RB 1??					POSS TEGULA FLANGE??	GRE	
371						1							RE/FP	
380						1							GRE	
381						1							"	

OXFORD ARCHAEOLOGICAL UNIT

A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2002

Collection Unit Size:

Km.Sq.:

Ha.No.:

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool				
382						6							GRE (2); FP (4)	
383						2							GRE?; FP	
384						1							FP	
385						2							GRE	
386						2							GRE; FP	
387						2							FP; OXID	
390						4							FP	
391						1							"	
393						2							GRE; FP	
394						2							FP	
396						1							FP?	
397						2?							FP; OXID	
398						1							FP	
399						2							GRE; FP	
402						1							RE/FP	
404						1							GRE	
405						1							FP	
407						1							GRE?	
409						1							GRE	
410						1							FP	

OXFORD ARCHAEOLOGICAL UNIT A2BC03

FIELDWALKING FINDS RECORD

Date: 11/1/2004

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool <i>knives</i>				
A11			1				1 UNC.							
A12						1								C10 - POSS WATER, BUT NOT NECESSARILY. BRB
A14						1								? GRE - WHITE GLAZE
A16						3								? FP
A17						2	1 PM							FP
A18						1								? GRE (WHITE GLAZED) RE
A19						1								RE/FP
A27						1								GRE
A29						1								FP
A30						1								RE
A40						1	1 PM							RE/FP
A41						1								RE/FP
A43						2								"
A44						1								GRE ; RE/FP
A45						1								FP
A46						1								"
A47						3								GRE ? (1) ; FP (2)
A48						1								FP
A48 bis						1								FP (base)
A49						1								of GRE. GREEN/WHITE GLAZE
A50						1								FP

OXFORD ARCHAEOLOGICAL UNIT

A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2008

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool <i>knives</i>				
451						3						FP(1); 2 GLAZED OXID		
454						2						FP; STONWARE		
455					2?							1 OXID + 1 RED SANDY COARSEWARE		
456						2						GRE; FP		
457						2						FP?		
459						3						GRE(1); RE/FP(2)		
460						1						GRE		
461						1						? GRE WHITE GLAZE		
464						1	1? PM					FP?		
465						3						OXID		
466						2						FP?		
467						2						FP; GRE		
468						3						FP		
469						3						FP		
470						1						FP		
473						2						u		
474						2						FP; OXID?		
475						3						GRE; RE(2)		
476						5						RE(2); FP(2); OXID(1)		
477						1						GRE		
478						1						? FP		

OXFORD ARCHAEOLOGICAL UNIT A2BC03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq.:

Ha.No.:

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
479						1?							OXID ? POSS EARLIER	
483						1							GRE	
496					1?								SANDY. RED HANDLE	
494							1? PM							
501						1							FP	
506						2							FP; ? GRE WHITE GLAZE	
507						1							GRE	
509						1							FP	
511						5							GRE (2); FP (2) RE (1)	
512						2							GRE; FP	
516						3							FP; RE; STONWARE	
517						1							GRE	
518						1							RE	
520						1							RE/FP	
523						1							STONWARE	
524						1							FP	
526						1?							OXID. POSS EARLIER ??	
532						1?	1 PM						" "	
540						1?							" "	
543						1							FP	
545						1							RE	

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OXFORD ARCHAEOLOGICAL UNIT **A2BC 03**

FIELDWALKING FINDS RECORD

Date: 19/1/2006

Collection Unit Size:

Km.Sq.

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
547						1							GRE	
551						1							?FP	
553						1							RE	
554						1							RE/FP	
555						1							GRE?	
556						1							STONEWARE	
568						1							?FP	
572						1							STONEWARE	
576						1							RE	
599						1							RE?	
611						1							GRE	
613						1							RE	
617						1	1 ? RB						RE/FP	
618						1							? TEBALIA	
626						1							GRE	
629						1							?FP	
645						1							STONEWARE	
646						1							GRE	
652						1	1 PM						"	
663						1								
663 bis						1	1 ? PM							
666						1							FP?	

OXFORD ARCHAEOLOGICAL UNIT A2BC 03

FIELDWALKING FINDS RECORD

Date: 19/1/2002

Collection Unit Size:							Km.Sq.:	Ha.No.:		Transect:				
Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreII	Rom	Sax	Med	PM		Flake	Core	Tool				
665						2							?FP	
667							1 PM							
672						1							FP	
673						2							GRE	
678						1							?FP	
680						3	1 PM?						FP(1)?; RE/FP(2)	
683						1							GRE??	
684						1							GRE	
686						1							FP	
687						2	1 PM						GRE; RE	
689						1							GRE	
695						1							GRE	
698						1							?FP	
699						1							OXID	
701						1							FP	
704						2							RE; FP	
707						1							FP	
711						1							STONEWARE	
713						1							GRE	
715						1							STONEWARE	

OXFORD ARCHAEOLOGICAL UNIT

A2BC03

FIELDWALKING FINDS RECORD

Date: 19/1/2004

Collection Unit Size:

Km.Sq. -

Ha.No.

Transect:

Collection Unit	Pottery - No. of sherds						Tile/Brick	Flint - No. of items			Burnt Flint	Other	Notes	Sorted By
	Uncert	PreH	Rom	Sax	Med	PM		Flake	Core	Tool				
718						1	5 3PM						STONEWARE	
718 bis						1							RE/FP?	
721						1							FP	
725					1?								SANDY OXIDISED	
726							? 1 PM							
730						1							GRE	
734						1								
735						1							FP	
748						2							GRE; ?FP	
749						1							STONEWARE	
750						1							GRE	
754						1	1 3RB						GRE	
755						1							?FP	
763						1?							OXID - POSS EARLIER??	
773						1							RE/FP	
777						1							FP?	
777 bis						2							RE - 1 POSS CBM	