

Site/Project Name: **West Coast Mainline, TV4, Haul Road Watching Brief**

Site Code: **WCMLH 05**

Site/Project Type: **Watching Brief**

Year(s): **2005**

Accession Number: **2005.LH.1**

Record Group	Contents	Comments	Box/File Number
	INTRODUCTION Planning condition extracts for TV4 work Methodology for phase 1 works	4 sheets 10 sheets	Box 1 file 1
A	REPORT Watching brief report OASIS form printout	1 bound copy 3 sheets	Box 1 file 2
B	PRIMARY CONTEXT RECORDS Watching brief record sheets Context checklist, no 500 – 503 Context record sheets 500 – 503 Please note that the records from between January & March 29 th 2005 were misplaced prior to the report being written, and the archive being compiled.	78 sheets 1 sheet 4 sheets	Box 1 file 3
B	PRIMARY DRAWINGS Developers plan showing haul road & site access locations Annotated developers plan showing watching brief sites Annotated developers plans showing the watching brief progress	2 A3 sheets 2 A3 sheets taped together 27 A3 sheets	Box 1 file 4
D	CATALOGUE OF PHOTOGRAPHS Black and white photographic record sheets Colour photographic record sheets	6 sheets 8 sheets	Box 1 file 5

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

Classification of material

Tick if
present

Index to archive	<input checked="" type="checkbox"/>
Introduction	<input type="checkbox"/>
A:Final Report	<input type="checkbox"/>
A:Publication Report	<input type="checkbox"/>
B:Site Data – Text: Diary/Daybook/Fieldnotes	<input type="checkbox"/>
B: Site Data – Text: General Summaries	<input type="checkbox"/>
B: Site Data – Text: Primary Context Records	<input type="checkbox"/>
B: Site Data – Text: Synthesised Context Records	<input type="checkbox"/>
B: Site Data – Text: Survey Reports	<input type="checkbox"/>
B: Site Data – Text: Catalogue of Drawings	<input type="checkbox"/>
B: Site Data – Text: Primary Drawings	<input type="checkbox"/>
B: Site Data – Text: Synthesised Drawings	<input type="checkbox"/>
C: Finds Data – Text: Primary Finds Data	<input type="checkbox"/>
C: Finds Data – Text: Synthesised Finds Data	<input type="checkbox"/>
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"/>
G: Correspondence	<input type="checkbox"/>
H: Miscellaneous	<input type="checkbox"/>

West Coast Main Line, TV4, Watching Brief of Haul Roads
WCMLH 05

505

Box 1 File 1

INTRODUCTION

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

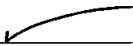
Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

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	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	



1 Eversholt Street
London NW1 2DN
Tel: +44 (0)20 7557 8000
Fax: +44 (0)20 7557 9000

Facsimile Transmission

To: Clare King	From: Mark Glaysher
Company: OAU	Title:
Facsimile: 01865793496	Facsimile:
Telephone:	Telephone: 020790477428
Number of pages including this sheet:	Date: 3 rd September
	REF: Mark

This facsimile is confidential and may also be privileged. If you are not the intended recipient please notify us immediately. You should not copy this fax or use it for any purpose nor disclose its contents to any other person.

Message

Clare,

Please find attached extracts from the planning conditions agreed for the TV4 works.

Can you please send the costing through to Dawn Moore
(dawn.moore@networkrail.co.uk) on Monday.

I will send you confirmation about the meeting with Staffordshire later.

Regards

Mark.

ANNEX**TRANSPORT AND WORKS ACT 1992
TOWN AND COUNTRY PLANNING ACT 1990****THE PROPOSED NETWORK RAIL (WEST COAST MAIN LINE) ORDER 2004****CONDITIONS TO BE ATTACHED TO THE PROPOSED DIRECTION AS TO DEEMED
PLANNING PERMISSION REFERRED TO IN PARAGRAPH 43****INTERPRETATION**

The conditions set out in this Annex apply respectively to the development described immediately above each condition or set of conditions, and references in the conditions to "the development" are references to the development to which they apply. References in the conditions to "the Order" are references to the Network Rail (West Coast Main Line) Order 2004.

GENERAL DESCRIPTION OF PROPOSALS

Construction of a third and fourth track adjacent to the existing West Coast Main Line railway ("WCML") from a point north west of Tamworth Low Level station to a point south east of Lichfield Trent Valley station and modifications to the existing track layout. Alterations to existing, and provision of new, track, drainage and culverts. Extension and re-grading of embankments and cuttings, including soil nailing. Formation of construction and maintenance accesses and roads, including the provision of haul roads. Alterations to bridges (including partial demolition), demolition of existing bridges and construction of new bridges incorporating highway alterations and re-grading. Demolition of various buildings to accommodate new tracks and embankments/cuttings.

DETAILED DESCRIPTION OF PROPOSALS**1.0 BOROUGH OF TAMWORTH****1.1 WCML from a point north west of Tamworth Low Level station to the
Borough boundary north of Coton Lane bridge**

- (i) Laying of two new tracks and all associated railway operational works.
(Work Nos. 1 and 2, Schedule 1 to the Order)
- (ii) Erection of retaining walls.
- (iii) Re-grading of cutting slopes.
- (iv) Formation of embankments.
- (v) Use of lands as working sites.

except where alternative noise mitigation measures are approved in writing by the local planning authority and are implemented.

Reason: to ensure reasonable and proper control is exercised over the details of the proposed works, to ensure satisfactory appearance in the interests of visual amenity and to ensure appropriate noise mitigation measures are maintained.

(d) Prior to the commencement of the use of the development:

i) details of the external appearance of the noise barriers referred to in Schedule 7, other than those referred to in Schedule 6 which are the subject of condition (c) above, shall be submitted to and approved in writing by the local planning authority; and

ii) thereafter the noise barriers shall be erected in accordance with those approved details and with the details of their type, location and height set out in Schedule 7 and they shall be retained in a condition that does not prejudice their acoustic integrity as noise barriers, except where alternative noise mitigation measures are approved in writing by the local planning authority and are implemented.

Reason: to ensure reasonable and proper control is exercised over the details of the proposed works, to ensure satisfactory appearance in the interests of visual amenity and to ensure appropriate noise mitigation measures are maintained.

- (e) No demolition or development of any structures between Comberford Foot-crossing and overbridge 98C (A38(T)) shall be carried out prior to the implementation of a programme of building recording work in accordance with an appropriate written scheme of investigation which has been submitted to and approved in writing by the local planning authority. Upon completion, the report of the investigation shall be submitted to the local planning authority.

Reason: to ensure adequate recording of existing structures.

- (f) No development shall take place between the Lichfield District boundary south of Comberford Foot-crossing and underbridge 90A prior to the implementation of a programme of archaeological work. This shall be in accordance with an appropriate written scheme of investigation which has been submitted to and approved in writing by the local planning authority. Upon completion, the report of the investigation shall be submitted to the local planning authority.

Reason: to ensure adequate protection and recording of archaeological remains.

- (g) Before the temporary access from Burton Road, Lichfield, is constructed, a written scheme of archaeological investigation including a programme for its implementation, shall be submitted to and agreed in writing by the local planning authority. Where practicable, the precise route of the temporary access shall be designed to avoid any archaeological remains.

Reason: to ensure adequate protection and recording of archaeological remains.

- (h) Prior to the construction of the site compounds listed in Schedule 3, details of all external lighting relating to those compounds shall be

Subject to the following conditions:

- (a) The development shall be begun before the expiration of five years from the date the Order comes into force.

Reason: to comply with section 91 of the Town and Country Planning Act 1990.

- (b) No demolition or development of any structures between ~~Upper Gungate and overbridge 84-7 (Coton Lane)~~ shall commence prior to the implementation of a programme of building recording work in accordance with an appropriate written scheme of investigation that has been submitted to and approved in writing by the local planning authority.

Reason: to ensure adequate recording of existing structures.

- (c) No development shall take place between Coton Lane and the Tamworth Borough boundary north of Coton Lane bridge prior to the implementation of a programme of archaeological work in accordance with a written scheme of investigation that has been submitted to and approved in writing by the local planning authority.

Reason: to ensure adequate protection and recording of archaeological remains.

No development shall take place at parcel 180, Mariner, Lichfield Road Industrial Estate prior to the implementation of a programme of archaeological work in accordance with a written scheme of investigation which has been submitted to and approved in writing by the local planning authority.

Reason: to ensure adequate protection and recording of archaeological remains.

- (e) Prior to the occupation of the site compounds at Kwik-Fit Upper Gungate and Moorgate School, hoardings of 1.8 metres and 3 metres in height respectively (or any alternative height as may be agreed in writing by the local planning authority) shall be erected as shown on Plan 8, Sheets 1 and 2, of inquiry document 2/RT/TAM/110.010/A ("the Plans Annex"). These shall be painted as agreed in writing by the local planning authority. Thereafter they shall be retained for the period of use of that individual site compound and thereafter removed.

Reason: to ensure satisfactory external appearance in the interests of visual amenity and to protect the amenity of the local area.

- (f) Between Upper Gungate road bridge and Ludgate footbridge (and on both sides of the railway), construction hoardings of 2.5 metres in height shall be installed along the railway boundary and work sites (or in such other position as may be agreed in writing by the local planning authority) and retained for the duration of the works, unless otherwise agreed in writing by the local planning authority.

Reason: to protect the amenity of the local area.

- (g) Prior to the construction of the site compound at Moorgate School, details of the external lighting relating to that compound shall be submitted to

CONTENTS

- 1 INTRODUCTION
- 2 LOCATION, GEOLOGY & TOPOGRAPHY
- 3 BACKGROUND
- 4 OVERALL STRATEGY
- 5 AIMS AND SPECIFIC STRATEGY

APPENDICES

APPENDIX 1 : LISTS OF EVALUATION SITES

APPENDIX 2 : OA STANDARD FIELDWORK METHODOLOGY APPENDICES

FIGURES

The figures attached are in site order.

WEST COAST MAINLINE UPGRADE - TRENT VALLEY OUTLINE PROPOSAL FOR PHASE 1 WORKS

1 Introduction

- 1.1 Network Rail is to upgrade the track between Tamworth and Lichfield (previously known as 'Order 2') and Lichfield and Armitage (previously known as 'Order 1'). This comprises a distance of over 20km of track.
- 1.2 The upgrade involves the change from two tracks to four. Although much of this upgrade will take place within the present footprint of the railway, there are also a number of areas where substantial landtake, both permanent and temporary, will take place outside the present footprint.
- 1.3 These works will include the construction of haul roads, temporary and permanent compounds and storage areas, as well as the construction and replacement of bridges, and a number of other works.
- 1.4 In most cases, the Haul roads will be put into place before any other major works take place.

2 LOCATION, GEOLOGY & TOPOGRAPHY

- 2.1 The section of track in question runs from Tamworth, through Lichfield to Armitage.

TAMWORTH TO LICHFIELD

- 2.2 The Tamworth to Lichfield section lies within two distinct topographical and geographical 'zones'. These are the southern uplands of Staffordshire, crossed by the north-western half of this section, and the Tame Valley, which takes up the south-east part. East of Lichfield, the railway runs alongside a gentle, north-east facing, slope. This lies at around 60-70m OD and is situated at the side of the River Tame. East of Whittington, the railway descends into the bottom of the valley, to around 55m OD, and crosses the River Tame, before entering the town of Tamworth,
- 2.3 Southern Uplands - The geology of the southern upland area is Triassic Keuper sandstones (BGS 1971). Around Hademore, this is overlain by Recent and Pleistocene Glacial Boulder Clay. Within this zone, there are alluvial deposits. These are associated with three watercourses at Huddlesford, along Fisherwick Brook and both sides of the River Tame.
- 2.4 Tame Valley - The geology at the base of the Tame Valley comprises a Recent and Pleistocene Gravel Terrace (First Terrace) to either side of the River Tame, with alluvium at the very bottom of the valley on the floodplain. At the eastern end of the corridor, to the south-east of Wigginton Hall, the line of the existing railway rises slightly at the foot of the valley slope before entering Tamworth town. The geology of this area is Triassic Keuper Sandstones,

Recent and Pleistocene Glacial Boulder Clay and Triassic Keuper Red Marls with sandy bands.

LICHFIELD TO ARMITAGE

- 2.5 The Trent Valley section of line is located towards the bottom of the western slope of a valley. This valley contains the River Trent to the north-west. The land rises significantly to the west of this area, towards the small settlements of Brook End and Longdon and to the centre of Lichfield.
- 2.6 The geology of the southern end of the study area consists of a small island of first terrace gravels around Streethay. To the north-west of this area, the line passes through an area of Triassic sandstones and a larger area of red marls with sandy bands, as far as Tomhay Wood. Within this area, two lines of alluvium are present. the north-western third of this section consists almost entirely of older river gravel with a smaller alluvial passage to the south-east of Hanch Hall, and with the northeasternmost end surrounded by red marls and a soft sandstone.

3 BACKGROUND

- 3.1 The history of this project with Oxford Archaeology (OA) began in 1999 when our Heritage Management Services were asked by Scott Wilson to produce Heritage Impact Assessments (HIA) for orders 1 & 2, to be included in their Environmental Impact Assessments.
- 3.2 In 2002, when Order 2 went to Public Inquiry, Staffordshire County Council asked that further, more detailed, works should be done on the cropmark sites along the route and on the fieldnames shown on the parish Tithe maps. They also requested that an overarching project design be created for Order 2. This work was done and submitted.
- 3.3 Also in 2002, an initial phase of fieldwalking was undertaken along the northern side of the line between (approximately) Whittington and the Sewage works to the north-west of Tamworth (Order 2). The report for this work has not yet been produced, as the project did not continue once Railtrack ceased to exist. The results were, however, disappointing, with only post medieval material found throughout the study area. This was despite the fact that this work took place in the area of track which has greater potential due to the presence of a number of cropmarks either within or directly adjacent to the original study area.
- 3.4 In 2003, Oxford Archaeology was approached by Network Rail and asked to consider how to move forward with this project again, and in 2004 this request was confirmed.
- 3.5 Discussions between Ian Wykes of Staffordshire County Council and OA led to the agreement that in areas where, due to temporary or permanent landtake, there was the potential for archaeological remains to be disturbed, fieldwork would be carried out. It was agreed that, as a first stage, this would take the

form of evaluation work, except in the case of the haul roads, which would be covered by watching brief.

4 OVERALL STRATEGY

- 4.1 All areas which are known to be subject to groundworks of any kind will be the subject of archaeological investigations. Any areas that are, at present, not thought to be at risk will need to be included in the archaeological works if circumstances change.
- 4.2 This is Phase 1 of the archaeological works. Archaeology uncovered during this phase may be subject to further mitigation work.
- 4.3 The haul roads will be constructed in advance of any major works. These will be subject to watching brief along their entire length.
- 4.4 Areas of land that will be disturbed, outside the haul roads, will usually be subject to a 2% archaeological field evaluation, although this may be varied in relation to predicted activity and immediate ground conditions. Site specific trench location plans will be produced for each area to be evaluated.
- 4.5 A list of sites that are likely to be evaluated is attached. This is based on the latest information available, but may be subject to change if there is any change in the proposed works on any area, or if new areas of impact are added to the scheme. There are also areas of permanent landtake along large strips of the line which are very long and narrow and run between the haul roads and the existing track. These cannot be evaluated in the usual way. In the event that the adjacent haul road works identify an archaeological resource, further mitigation work may be necessary in these areas.

5 AIMS & SPECIFIC STRATEGY

Watching Brief

5.1 Aims

- To establish the presence or absence, extent, condition, nature, character, quality and date of any of archaeological remains within the proposed development area.
- To establish the ecofactual and environmental potential of archaeological deposits and features.
- To signal, before the destruction of the material in question, the discovery of a significant archaeological find, for which the resources allocated are not sufficient to support a treatment to a satisfactory and proper standard. In this case additional technicians may be required to aid the excavation of the archaeological material.
- To make available the results of the investigation.

5.2 Strategy

- 5.2.1 The watching brief will be undertaken in accordance with 'Standard and Guidance for Archaeological Watching Briefs' (IFA, 1999).
- 5.2.2 General site procedures are as defined in the appendices at the end of this document. Excavation of archaeological features and deposits will be undertaken to fulfil the objectives required by the County Archaeologist.
- 5.2.3 The watching brief will be maintained during the construction of the haul roads.
- 5.2.4 All features and deposits will be issued with unique context numbers, and context recording will be in accordance with the established OA *Field Manual* (OAU 1992). All contexts, and any small finds and samples from them will be allocated unique numbers. Bulk finds will be collected by context.
- 5.2.5 Colour transparency and black-and-white negative photographs will be taken during the ground-works and of any archaeological features and deposits. Plans will be drawn at an appropriate scale (normally 1:50 or 1:100) with larger scale plans of features as necessary. Section drawings of features and sample sections of stratigraphy will be drawn at a scale of 1:20.
- 5.2.6 The County Archaeological Service will be kept informed as to the progress of the fieldwork and site visits for monitoring purposes will be arranged between OA and Mr Wykes.
- 5.2.7 The fieldwork will be undertaken by a Project Supervisor under the overall direction of OA Head of Fieldwork, Nick Shepherd.

Evaluation works

5.3 Aims of the Evaluation

- To establish the presence/absence of archaeological remains within the proposal area.
- To determine the extent, condition, nature, character, quality and date of any archaeological remains present.
- To establish the exigency for a mitigation strategy.
- To establish the ecofactual and environmental potential of archaeological deposits and features.
- To make available the results of the investigation.
- To define any relevant research priorities if additional archaeological investigation proves necessary.

5.4 Strategy

- 5.4.1 The trenches will be excavated by a mechanical excavator under archaeological supervision, supplemented by limited hand excavation of archaeological deposits for their initial dating and characterisation. The trenches will be located, so far as is practicable, to obtain a representative sample of the site. Trench locations will be agreed with the County Archaeologist prior to the start of the evaluation.
- 5.4.2 The trenches will produce a 2% sample of the proposed areas of development.
- 5.4.3 The trenches will be excavated to the top of the 'natural' or to the top of any significant archaeological level, whichever is the higher. The exposed archaeological horizon will be cleaned to clarify the remains and archaeological features will be sampled to sufficiently characterise and date them. Particular care will be taken to ensure that archaeological deposits are not damaged through excessive use of machine excavation.
- 5.4.4 The stratigraphy of the trench will be recorded even where no archaeological deposits are identified.
- 5.4.5 Spoil heaps will be monitored to allow analysis of the spatial distribution of artefacts.
- 5.4.6 A project supervisor and an archaeologist, under the supervision of a project manager will undertake the fieldwork. All OA's fieldwork is carried out under the general direction of N. Shepherd (Head of Fieldwork).
- 5.4.7 Any human remains that are encountered will initially be left *in situ*. If removal is necessary this will comply with the relevant Home Office regulations.
- 5.4.8 Monitoring of the evaluation will be undertaken by Staffordshire County Archaeological Services.

5.5 Report and archive

- 5.5.1 A report of the findings will be produced within three weeks of the completion of fieldwork. Copies will be sent to the County Archaeological Service and the Sites and Monuments Record.
- 5.5.2 The content and style of the report will be as defined in Appendix 8.
- 5.5.3 The site archive will be created in accordance with the guidelines published in Guidelines for the preparation of Excavation Archives for long-term storage (UK Inst. for Conservation 1990) and standards in the Museum care of archaeological collections - see Appendix 8. The project archives will ultimately be deposited with the appropriate museums.

General

1.2 Appendices 2, 7, 8 and 11 are relevant.

APPENDIX 1 : SITES FOR EVALUATION

Site No	Type of site	Site Name/address	Approx grid ref	Size (ha)
A2	2% Eval	OB 101	SK 131 103	0.9
A4	2% Eval	Netherstowe Lane	SK 126 109	1
A5	2% Eval	Netherstowe Lane	SK 126 108	0.3
A7	2% Eval	By Pond	SK 123 114	0.5
A8	2% Eval	Bridge 105	SK 121 117	1.2
A11	2% Eval		SK 113 130	0.3
A12	2% Eval	Fog Cottages	SK 111 133	1.1
A13	2% Eval	Tewnell's Lane	SK 109 136	2.7
A15	2% Eval	Shaw Lane	SK 103 142	2.6
A18	2% Eval	Lichfield Road	SK 093 151	0.6
A20	2% Eval	UB112	SK 087 160	0.9

Site No	Type of site	Site Name/address	Grid ref	Size (ha)
1	2% eval	Adj to Cross Street, Tamworth	SK 206 044	0.4
3	2% eval	Adj to FB83	SK 204 045	0.1
6	2% eval	End of Freville Close	SK 202 046	0.1
18	2% eval	Cotton Lane compounds	SK 189 054	0.4
20	2% eval	Adj to Comberford level crossing	SK 187 064	0.2
21	2% eval	Adj to Comberford level crossing	SK 187 065	0.2
22	2% eval	Adj to UB85	SK 186 067	1.9
23	2% eval	Adj to UB85	SK 185 066	1.5
24	2% eval	Adj to R Tame	SK 185 068	0.5
25	2% eval	Adj to UB87	SK 184 069	1.7
26	2% eval	Adj to UB88	SK 183 071	1.6
28	2% eval	Adj to OB 90	SK 176 080	1.6
29	2% eval	Fisherwick Road	SK 172 080	0.3
30	2% eval	Fisherwick	SK 173 082	3.5
31	2% eval	New Fisherwick road	SK 177 082	0.2
33	2% eval	Burton Road	SK 163 090	0.1
38	2% eval	Adj to UB95	SK 152 095	0.8
39	2% eval	Adj to UB96	SK 151 095	0.4
40	2% eval	Adj to UB97	SK 150 096	0.3
43	2% eval	Adj to A38	SK 142 095	5.9
44	2% eval	Adj to A38	SK 142 096	1.7
45	2% eval	Adj to A38	SK 140 097	1
46	2% eval	Burton Old Road	SK 138 098	0.2
47	2% eval	UB 93	SK 157 094	1
48	2% eval	TOLLGATE LANE	SK 192 069	10.8

APPENDIX 2 : OA Standard Fieldwork Methodology Appendices**2 MACHINE EXCAVATED TRENCHES**

- 2.1 A visual inspection of the entire site will be undertaken. This will include the examination of any available exposures (e.g. recently cut field ditches and geological test pits).
- 2.2 An appropriate mechanical excavator will be used for machine excavated trenches. This will normally be a JCB 3CX Sitemaster or 360° tracked excavator with a 5' or 6' wide toothless bucket. For work with restricted access or working room a mini excavator such as a Kubota KH 90 will be used.
- 2.3 All machining will be undertaken under direct archaeological supervision.
- 2.4 All undifferentiated topsoil or overburden of recent origin will be removed down to the first significant archaeological horizon, in successive, level spits.
- 2.5 Following machine clearance, all faces of the trench that require examination or recording will be cleaned using appropriate hand tools.
- 2.6 Spoil heaps will be monitored in order to recover artefacts to assist in the analysis of the spatial distribution of artefacts. Modern artefacts will be noted but not retained.
- 2.7 All investigation of archaeological levels will be by hand, with cleaning, examination and recording both in plan and section.
- 2.8 Within significant archaeological levels a minimum number of features required to meet the aims will be hand excavated. Pits and postholes will be subject to a 50% sample by volume. Linear features will be sectioned as appropriate. Features not suited to excavation within narrow trenches will not be sampled. No archaeological deposits will be entirely removed unless this is unavoidable. It is not necessarily the intention that all trial trenches will be fully excavated to natural stratigraphy, but the depth of archaeological deposits across the entire site will be assessed. The stratigraphy of all evaluation trenches will be recorded even where no archaeological deposits have been identified.
- 2.9 Any excavation, both by machine and by hand, will be undertaken with a view to avoiding damage to any archaeological features or deposits which appear to be worthy of preservation *in situ*.
- 2.10 Different environmental sampling strategies may be employed according to established research targets and the perceived importance of the strata under investigation. Bulk samples, a minimum of 10 litres, but up to 30 litres if possible for early prehistoric features will be taken for flotation for charred plant remains. Bulk samples will be taken from any waterlogged deposits present for macroscopic plant remains. Columns for pollen analysis will be taken if appropriate. Mollusc samples will be collected if present. Other bulk samples

for small animal bones and other small artefacts may be taken from appropriate contexts.

- 2.11 Any finds of human remains will be left in-situ, covered and protected and the coroner informed. If removal is essential it will only take place under appropriate Home Office licence, section 25 of the Burial Act 1857 and local environmental health regulations, and if appropriate in compliance with the Disused Burial Grounds (Amendment) Act 1981.
- 2.12 All finds of gold and silver will be removed to a safe place and reported to the local Coroner according to the procedures relating to the 1996 Treasure Act. Where removal can not be effected on the same working day as the discovery, suitable security measures will be taken to protect the finds from theft. All staff associated with the project will be defined as 'Archaeologists' for the purposes of the Act
- 2.13 OA welcomes monitoring visits by the local authorities' archaeological representatives. Timetables of the on-site work will be provided in order that visits can be made at appropriate times.
- 2.14 After recording, the trenches will be backfilled with excavated material, but will otherwise not be reinstated.

RECORDING

- 2.15 Contexts
 - If less than ten trenches are to be recorded, a block of numbers, in a continuous sequence will be allocated to each trench.
 - If more than ten trenches are to be recorded, a continuous unique numbering system will operate within each trench only.
 - Written descriptions will be recorded on proforma sheets comprising factual data and interpretative elements.
 - Where stratified deposits are encountered a Harris matrix will be compiled during the course of the excavation.
- 2.16 Plans
 - These will normally drawn at 1:100, but on urban or deeply stratified sites a scale of 1:50 or 1:20 will be used. Detailed plans will be at an appropriate scale. Burials will be drawn at scale 1:10.
 - The site grid will be accurately tied into the National Grid and located on the 1:2500 or 1:1250 map of the area.
 - A register of plans will be kept.
- 2.17 Sections
 - Long sections of trenches showing layers will be drawn at 1:50. Sections of features or short lengths of trenches will be drawn at 1:20.
 - A register of sections will be kept.

- Generally all sections will be tied in to Ordnance Datum. The exception to this is where the proposal for the site is mineral extraction where depth in relation to the development proposals is irrelevant. In these cases only some significant sections will be tied in to OD.

2.18 Photography

- A full black and white and colour (35 mm transparency) photographic record, illustrating in both detail and general context the principal features and finds discovered will be maintained. The photographic record will also include working shots to illustrate more generally the nature of the archaeological work.
- Photographs will be recorded on OA Photographic Record Sheets.

2.19 All recording will be undertaken in accordance with the requirements of the OA Field Manual (ed. D Wilkinson 1992).

FINDS

2.20 All identified finds and artefacts will be retained, although certain classes of 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 and the receiving Museum. All appropriate ironwork will be X-rayed.

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

2.22 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".

2.23 The level of artefact analysis will be sufficient to establish date ranges of archaeological deposits, 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.

2.24 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.

2.25 Environmental samples, if appropriate will be processed and scanned for potential date. This will usually be co-ordinated by Dr M Robinson of University Museum, Oxford using appropriate specialists.

7 WATCHING BRIEFS

7.1 Ground disturbances (demolition, general site strip and levelling, reduction for roads, excavation for service trenches and foundation trenches) will be

monitored by an archaeological supervisor assisted, where necessary, by archaeological technicians and under the overall guidance of a project manager.

- 7.2 All archaeological features and deposits exposed will be recorded.
- 7.3 Where only the tops of features or deposits are exposed, these will be located on a site plan, planned, and recorded by written description and by photographs.
- 7.4 Visible artefacts will be collected in order to assist in the dating of features and deposits.
- 7.5 Where trenches are excavated through cut features (pits, ditches, etc.) and vertical stratigraphy is not present, the features will be recorded in section with appropriate collection of finds.
- 7.6 Where ground disturbance exposes stratified remains or significant features, these will be hand excavated by the archaeologist and recorded.
- 7.7 The archaeological curator will be advised at the earliest opportunity of any archaeological features or deposits that appear worthy of preservation *in situ*.
- 7.8 On completion of the fieldwork the site archive will be compiled and security copied.
- 7.9 Proposals for analysis and publication will be determined in the light of the results of the fieldwork.

RECORDING

- 7.10 All on-site recording will be undertaken in accordance with the *OAU Field Manual* (ed. D Wilkinson 1992).
- 7.11 A continuous unique numbering system will be operated. Written descriptions will be recorded on proforma sheets comprising factual data and interpretative elements.
- 7.12 Plans will normally be drawn at 1:50 but in urban or deeply stratified sites a scale of 1:20 will be used. Detailed plans will be at an appropriate scale. Burials will be drawn at 1:10.
- 7.13 A register of plans will be kept.
- 7.14 Sections of features or trenches showing stratigraphy will be drawn at 1:20 or 1:10.
- 7.15 A register of sections will be kept.
- 7.16 All sections will be tied in to Ordnance Datum if possible or into the contractors TBM.

- 7.17 A black and white and colour (35 mm transparency) photographic record, illustrating in both detail and general context the principal features and finds discovered will be maintained. The photographic record will also include working shots to illustrate more generally the nature of the archaeological work.
- 7.18 Photographs will be recorded on OA Photographic Record Sheets.
- 7.19 All identified finds and artefacts from stratified archaeological deposits will be retained, although certain classes of building material or post medieval pottery may sometimes be discarded after recording if an appropriate sample is retained.

8 EVALUATION REPORTS

- 8.1 Style and format of the report will be determined by OA, but will include as a minimum the following:
- A location plan of trenches and/or other fieldwork in relation to the proposed development.
 - Plans and sections of features located at an appropriate scale.
 - A section drawing showing depth of deposits including present ground level with Ordnance Datum, vertical and horizontal scale.
 - A summary statement of the results.
 - A table summarising per trench the features, classes and numbers of artefacts contained within, spot dating of significant finds and an interpretation.
 - A reconsideration of the methodology used, and a confidence rating for the results.
 - An interpretation of the archaeological findings both within the site and within their wider landscape/townscape setting.
- 8.2 Copies of the report will be supplied to the client and the Archaeological Officer monitoring the works. Copies of the report will also be supplied to the County Sites and Monuments Record on the understanding that it will become a public document after an appropriate period of time (normally six months).
- 8.3 If the evaluation works generate archaeological results of importance which merit wider publication, the client will be consulted about further arrangements.

ARCHIVES

- 8.4 The site archive, including finds and environmental material, will be ordered, catalogued, labelled and conserved and stored according to the UKIC Guidelines for the preparation of excavation archives for long-term storage.
- 8.5 The site archive will be prepared to at least the minimum acceptable standard defined in Management of Archaeological Projects 2, English Heritage 1991.

- 8.6 The site archive will be microfilmed by the RCHME National Archaeological Record as a safeguard against the accidental loss and the long-term degeneration of paper records and photographs.
- 8.7 The site archive will be deposited with the relevant receiving Museum at the earliest opportunity unless further archaeological work on the site is expected within one year of completion of the archive. OA will advise the landowner that any artefacts resulting from the project work should be given to the relevant Museum.

11 GENERAL

- 11.1 The requirements of the Brief will be met in full where reasonably practicable.
- 11.2 Any significant variations to the proposed methodology will be agreed with the local authority's archaeological representative in advance.
- 11.3 The scope of work detailed in the main part of the Written Scheme of Investigation is aimed at meeting the aims of the project in a cost effective manner. Oxford Archaeology attempts to foresee possible site specific problems and resource these. However there may be unusual circumstances which have not been included in the costing and programme.
- Unavoidable delays due to extreme bad weather, vandalism, etc.
 - Complex structures or objects, including those in waterlogged conditions, requiring specialist removal.
 - Extensions to specified trenches or feature sample sizes requested by the archaeological curator.
 - Trenches requiring shoring or stepping, ground contamination, unknown services, poor ground conditions requiring additional plant, specialist reinstatement of surfaces (i.e. tarmac, turf).

HEALTH AND SAFETY and INSURANCE

- 11.4 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 main contractors requirements.
- 11.5 A copy of OA's Health and Safety Policy is available on request. 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*.
- 11.6 OA holds Employers Liability Insurance, Public Liability Insurance and Professional Indemnity Insurance. Details will be supplied on request.
- 11.7 OA 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 in so far 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.

COPYRIGHT and CONFIDENTIALITY

- 11.8 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 Written Scheme of Investigation.
- 11.9 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).
- 11.10 OA will advise the client of any such materials supplied in the course of projects which are not OA's copyright.
- 11.11 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.

OA STANDARDS AND PROCEDURES

- 11.12 OA shall conform to the standards of professional conduct outlined in the Institute of Field Archaeologists' Code of Conduct, the IFA Code of Approved Practice for the Regulation of Contractual Arrangements in Field Archaeology, the IFA Standards and Guidance for Field Evaluations, Desk Based Assessments, etc. and the British Archaeologists and Developers Liaison Group Code of Practice.

- 11.13 OA is a member of the Institute of Environmental Assessment and the Council for British Archaeology.
- 11.14 Project Directors normally will be recognised in an appropriate Area of Competence by the IFA. For more extensive and complicated evaluation projects especially where they are part of large-scale programmes of work in historic urban centres, the procedures outlined in English Heritage's *Management of Archaeological Projects* 2nd Edition 1991 (MAP 2) will be followed for immediate post-field archive preparation and initial assessment. Agreement to then be reached, in collaboration with the local authority's archaeological representative, about what aspects will need to be taken forward to provide a report in the required format containing the information needed for planning purposes.

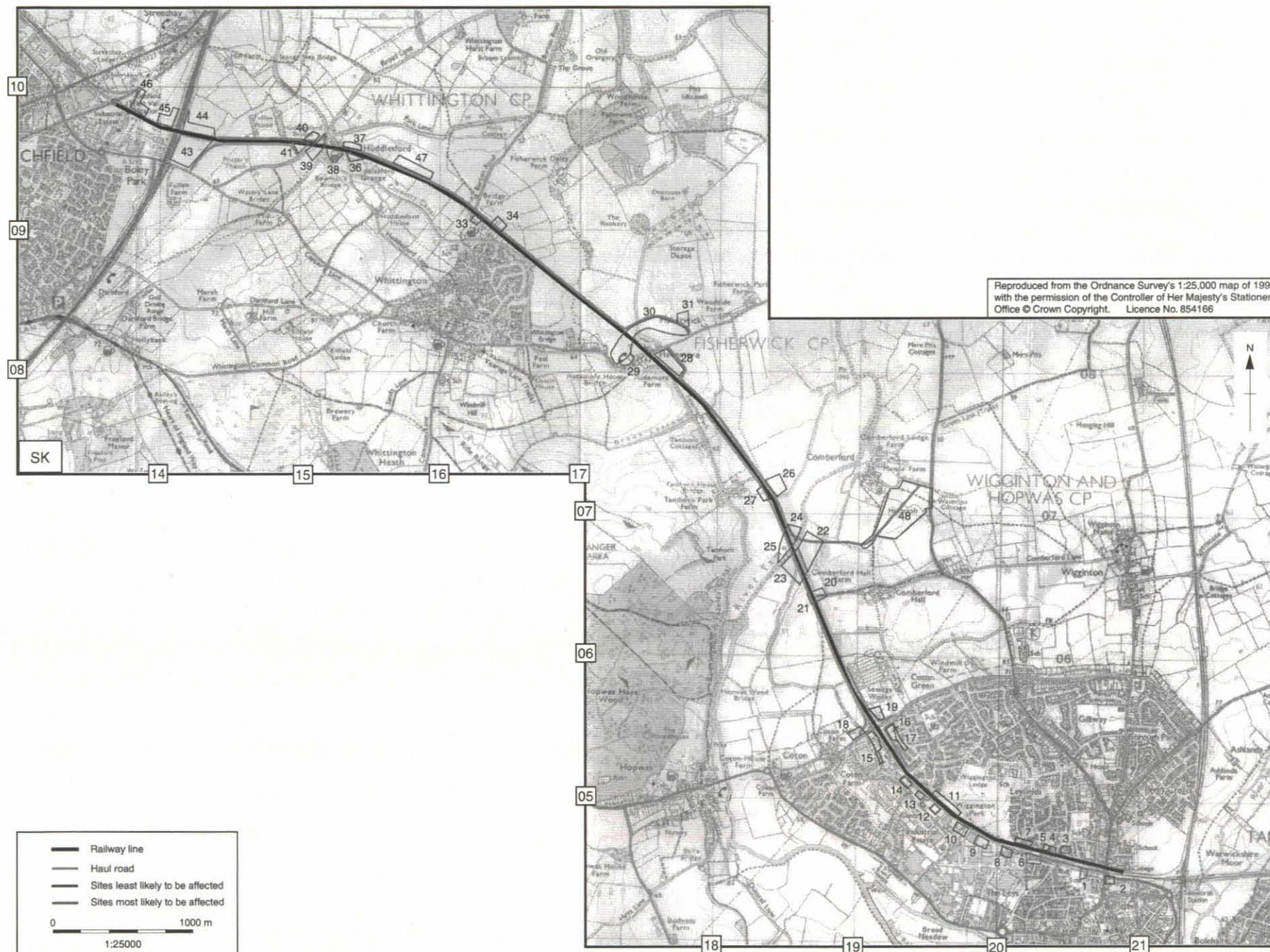


Figure 1: Tamworth to Lichfield - evaluation areas and haul roads



Figure 2: Lichfield to Armitage - evaluation areas and haul roads



West Coast Main Line, TVH, Watching Brief of Haul Road
WOMLHOS

Box 1 file 2

A. Report

DOE SECURITIES DISCLOSURES PLANNING AND REGISTRATION

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

Classification of material

Tick if
present

Index to archive	
Introduction	
A:Final Report	<input checked="" type="checkbox"/>
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	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

Network Rail

Trent Valley

West Coast Mainline Upgrade

Staffordshire

Tamworth (Handsacre) to Lichfield

Haul Roads



Archaeological Watching Brief Report



Oxford Archaeology

October 2005



Client: Network Rail

Issue N^o: 1

OA Job N^o: JN 2599

Planning Ref N^o: n/a

NGR: SK 1860 0680 (centred)

Client Name: Network Rail

Client Ref No: Order 2

Document Title: Network Rail, Trent Valley, West Coast Mainline Upgrade
Staffordshire: Tamworth (Handsacre) to Lichfield - Haul Roads

Document Type: Watching Brief

Issue Number: 1

National Grid Reference: NGR SK 1860 0680 (centred)

Planning Reference: n/a

OA Job Number: JN 2599

Site Code: WCMLH05

Invoice Code: WCMLHWB

Receiving Museum: The Potteries Museum & Art Gallery, Staffordshire

Museum Accession No: 2005.LH.1

Prepared by: J Hiller

Position: Senior Project Manager

Date: 4th October 2005

Checked by: Clare King

Position: Senior Project manager

Date: 6th October 2005

Approved by: N Shepherd

Signed.....

Position: Head of Fieldwork

Date: 10th October 2005

Document File Location X:\WCMLH05 WB HAUL ROADS\WB Haul Roads
REP.doc

Graphics File Location Server10\OAUpubs*I-z\WCMLH05*GS* Oct 6th05
Illustrated by Georgina Slater

Disclaimer:

This document has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Oxford Archaeology being obtained. Oxford Archaeology accepts no responsibility or liability for the consequences of this document being used for a purpose other than the purposes for which it was commissioned. Any person/party using or relying on the document for such other purposes agrees, and will by such use or reliance be taken to confirm their agreement to indemnify Oxford Archaeology for all loss or damage resulting therefrom. Oxford Archaeology accepts no responsibility or liability for this document to any party other than the person/party by whom it was commissioned.

Oxford Archaeology

© Oxford Archaeological Unit Ltd 2005

Janus House

Osney Mead

Oxford OX2 0ES

t: (0044) 01865 263800

f: (0044) 01865 793496

e: info@oxfordarch.co.uk

w: www.oxfordarch.co.uk

Oxford Archaeological Unit Limited is a Registered Charity No: 285627

**Network Rail, Trent Valley
West Coast Mainline Upgrade
Staffordshire: Tamworth (Handsacre) to Lichfield -
Haul Roads**

NGR SK 1860 0680

ARCHAEOLOGICAL WATCHING BRIEF REPORT

CONTENTS

Summary	2
1 Introduction	2
1.1 Location and scope of work	2
1.2 Geology and topography	2
1.3 Project background	3
1.4 Acknowledgements	4
2 Project Aims and Methodology	4
2.1 Aims	4
2.2 Methodology	4
3 Results	4
3.1 Description of work and deposits	4
3.2 Finds	7
3.3 Palaeo-environmental remains	7
4 Conclusions	7
Appendix 1 Archaeological Context Inventory	8
Appendix 2 Bibliography and references	8
Appendix 3 Summary of Site Details	8

LIST OF FIGURES

- Fig. 1 Site location
Fig. 2 Site plan of areas of watching brief: haul roads

PLATES

- Cover: Machining in progress
Plate 1 Topsoil stripping, Haul Road 5
Plate 2 Ditch 110
Plate 3 Ditch 112
Plate 4 Ditch 115
Plate 5 Ditch 119

SUMMARY

From January 2005 to August 2005, Oxford Archaeology (OA) carried out an archaeological watching brief during construction of haul roads associated with the upgrade of the West Coast Main Line between Tamworth (Handsacre) and Lichfield (NGR SK 1860 0680 centred). The work was commissioned by Network Rail in conjunction with archaeological evaluation works on sites of archaeological interest along the route of the railway. Up to 20 lengths of temporary roadway/site access areas were archaeologically monitored during topsoil stripping.

The watching brief revealed natural clay layers below topsoil along the majority of the haul roads. A number of undated shallow ditches represent field boundaries/drainage features - these were only seen in fields away from the line of the railway itself. Areas of 19th century brick and rubble debris and modern features associated with the construction and maintenance of the railway were noted.

1 INTRODUCTION

1.1 Location and scope of work

- 1.1.1 From January 2005 to August 2005, Oxford Archaeology (OA) carried out an archaeological watching brief along the route of the West Coast Mainline upgrade between Tamworth (Handsacre) and Lichfield (NGR: SK 1860 0680, centred).
- 1.1.2 The work was commissioned by Network Rail in conjunction with works for upgrading of the rail line between Tamworth and Lichfield (known as Network Rail 'Order 2').
- 1.1.3 Discussions took place between Ian Wykes, Archaeological Officer for Staffordshire County Council and OA, which led to an agreement that in areas where there was the potential for damage to possible archaeological remains, due to temporary or permanent land-disturbance, archaeological fieldwork would be carried out.
- 1.1.4 Two stages of work were agreed: a trenched evaluation and in the case of new haul roads, a watching brief. An outline project proposal detailing how OA would implement the evaluation and watching briefs was agreed between all parties (OA 2004). An evaluation report has already been compiled for development sites 22, 24 and 25 (OA 2005).
- 1.1.5 This report presents the results and observations from the stripping and construction of the haul roads and access sites that were built to facilitate the rail track improvements.

1.2 Geology and topography

- 1.2.1 The section of track in question runs from Handsacre, north-west of Tamworth, through Lichfield to Armitage (Fig. 1).

Tamworth to Lichfield

- 1.2.2 This stretch of rail line lies within two distinct topographical and geographical 'zones'. These are the southern uplands of Staffordshire, crossed by the north-western half of this section, and the Tame Valley, which takes up the south-east part. East of Lichfield, the railway runs alongside a gentle, north-east facing, slope. This lies at around 60-70 m OD and is situated at the side of the river Tame. East of Whittington, the railway descends into the bottom of the valley, to around 55m OD, and crosses the River Tame, before entering the town of Tamworth.
- 1.2.3 Southern Uplands - The geology of the southern upland area is Triassic Keuper sandstone (BGS 1971). Around Hademore, Recent and Pleistocene Glacial Boulder Clay overlie this. Within this zone, there are alluvial deposits. These are associated with three watercourses at Huddlesford, along Fisherwick Brook and both sides of the River Tame.
- 1.2.4 Tame Valley - The geology at the base of the Tame Valley comprises a Recent and Pleistocene Gravel Terrace (First Terrace) to either side of the River Tame, with alluvium at the very bottom of the valley on the floodplain. At the eastern end of the corridor, to the south-east of Wigginton Hall, the line of the existing railway rises slightly at the foot of the valley slope before entering Tamworth town.
- 1.2.5 The geology of this area is Triassic Keuper Sandstone, Recent and Pleistocene Glacial Boulder Clay and Triassic Keuper Red Marls with sandy bands.

Lichfield to Armitage

- 1.2.6 The Trent Valley section of line is located towards the bottom of the western slope of a valley. This valley contains the River Trent to the north-west. The land rises significantly to the west of this area, towards the small settlements of Brook End and Longdon and to the centre of Lichfield.
- 1.2.7 The geology of the southern end of the study area consists of a small island of first terrace gravels around Streethay. To the north-west of this area, the line passes through an area of Triassic sandstone and a larger area of red marls with sandy bands, as far as Tomhay Wood.
- 1.2.8 Within this area, two lines of alluvium are present. The north-western third of this section consists almost entirely of older river gravel with a smaller alluvial passage to the south-east of Hanch Hall, and with the north-easterly end surrounded by red marls and a soft sandstone.

1.3 Project background

- 1.3.1 The background to the project was prepared for the project proposal for the scheme (*West Coast Mainline Upgrade - Trent Valley. Outline Proposal for Phase 1 Works, OA 2004*).

1.4 Acknowledgements

- 1.4.1 OA extends its thanks to Network Rail and to Alfred McAlpines for providing plans of the haul roads to be monitored (Plans: Drawing No. SK/7291/01 - 1 and 2). OA's Lee Martin and John Tierney undertook the watching brief under the management of Clare King of OA.

2 PROJECT AIMS AND METHODOLOGY

2.1 Aims

- 2.1.1 To establish the presence or absence, extent, condition, nature, character, quality and date of any of archaeological remains within the proposed development area.
- 2.1.2 To establish the ecofactual and environmental potential of archaeological deposits and features.
- 2.1.3 To signal, before the destruction of the material in question, the discovery of a significant archaeological find, for which the resources allocated were not sufficient to support a treatment to a satisfactory and proper standard.
- 2.1.4 To make available the results of the investigation.

2.2 Methodology

- 2.2.1 The watching brief was undertaken in accordance with 'Standards and Guidance for Archaeological Watching Briefs' (IFA, 1999). The watching brief was maintained during the construction of all new haul roads. Machining was carried out by 360° wheeled or tracked excavators.
- 2.2.2 A record was made of all areas of the route that were stripped in the course of the construction work. A general photographic record of the work was made using colour slide and black and white print film. Recording followed procedures detailed in the *OA Fieldwork Manual* (ed. D Wilkinson, 1992).

3 RESULTS

3.1 Description of work and deposits

- 3.1.1 Each length of haul road/access site was allocated a unique number by the construction company e.g. Haul Road 5, 6 etc Access site 2-1, 2-2 etc. These are shown on Fig. 2.
- 3.1.2 Topsoil and any underlying layers (ploughsoil/natural subsoil) were removed as one by machine onto the natural geology (Plate 1). These layers were assessed by the attending archaeologist prior to the laying of hardcore. Where there were differences to this soil sequence or where features were located, these are detailed below.

Site Access 2.1

- 3.1.3 At the Fontenaye Road, topsoil was stripped to a depth of 0.2 m -0.3 m. It consisted of a red/brown silt loam with sand and stones. Occasional patches of charcoal were noted.

Site Access 3

- 3.1.4 Opposite the Fontenaye Road, topsoil was stripped to a depth of 0.2 m -0.3 m. It consisted of a red/brown silt loam with sand and stones. Occasional patches of gravel and charcoal were observed.

Haul Road 5

- 3.1.5 South of Fisherwick and Comberford. Here topsoil consisted of a red/brown silt loam with sand and stones of depth varying between 0.3-0.5 m in thickness. Below was the natural clay, usually brown/red with patches of yellow clay and some stones. A stream culvert was observed at SK 17952 07767. Stripping went down c. 0.35 m - 0.5 m along the length of the route. At the south edge of the river Tame, a 20 sq. m area of topsoil and river clay/gravel was removed prior to the start of bridge construction works, to a maximum depth of 1.5 m, which included construction of pier-heads as part of the bridge widening. No cut features were observed along the road or within the river edge.

Haul Road 5/Access Site 5.1 (From river Tame to Tollgate Lane)

- 3.1.6 This was the only length of haul road to cut across open fields (northwards) away from the line of the railway. This stretch of haul road began where the railway crosses the river Tame and extended for a distance of about 1 km to the north. At Tollgate Lane, the access site was stripped through 0.3 m of red/brown silt loam topsoil onto a natural consisting of red sandy clay with gravel.
- 3.1.7 A total of four shallow ditches were observed along this stretch of road, all cut into the natural clay and sealed by the overlying topsoil and ploughsoil. Ditch 110 was 1 m wide and 0.2 m deep with a shallow 'V' profile and 45° sloping sides (Plate 2). It was filled with grey brown loam (109). The ditch was on an east-west alignment and extended across the width of the haul road.
- 3.1.8 Ditch 112 (Plate 3) was 1.2 m wide and 0.35 m deep with a broad 'U'-shaped profile. It was filled with a dark grey/brown silt loam with stones (111). The ditch was on an east-west alignment and extended across the width of the haul road. Ditch 115 (Plate 4) was 0.75 m wide and 0.2 m deep, becoming shallower to the east side. The ditch was on a NE-SW alignment and was filled with brown silt loam (114).
- 3.1.9 Ditch 119 (Plate 5) was the last of the ditches seen and the closest to the Tollgate Lane site. The ditch was 0.95 m wide and 0.3 m deep with a broad 'U'-shaped profile. The fill (118) was a dark grey silt loam with stone inclusions. The ditch ran

on a north-east/south-west alignment. A modern ceramic field drain (124) was also noted aligned east-west across the haul road.

Haul Road 9

- 3.1.10 North of Whittington. Here topsoil (usually 0.3 m deep) was removed together with up to 0.35 m depth of clay natural along the length of the route. At a gateway on the Burton Road, a Victorian bottle and pottery dump mixed with coke and clinker was found covering an area of 5 sq. m, and set into topsoil to a depth of 0.3 m deep. No cut features were observed along the length of the road.

Haul Road 10

- 3.1.11 South of Park Lane, up to 0.2 m of red/brown silt loam topsoil was removed together with up to 0.3 m of natural clay at the base of the road. A Victorian or 20th-century pit was seen filled with coke, clinker and slag fragments, presumably a feature associated with either road or rail construction works.

Haul Road 12

- 3.1.12 Adjacent to the A38, topsoil was between 0.3 m - 0.4 m deep and the haul road was cut into the clay to depths of between 0.1-0.2 m. The area of the haul road was continually waterlogged.

Haul Road 13

- 3.1.13 The road ran north of Huddlesford Lane. Layers of hardcore and brick were observed during stripping of topsoil in an area between standing buildings. A ceramic field drain was noted within a modern trench.

Haul Road 14

- 3.1.14 This haul road extended west from the line of the A38. A service culvert was excavated through a modern brick surface - the surface was 0.3 m deep and overlay clay natural. New pipes were installed here. Elsewhere, patches of brick rubble were common near the ground surface.

Haul Roads 15 & 16

- 3.1.15 Excavated from Watery Lane to Fog Lane. Topsoil was 0.2-0.3 m deep, the haul roads were cut up to 0.4 m into the natural clay. In places natural solution hollows were noted, filled with grey/green silt. A 19th century sunken linear feature was observed filled with brick fragments and charcoal. It was 1.5 m wide, but its function was unknown.

Haul Road 17

- 3.1.16 Adjacent to Fog Lane, dumps of charcoal up to 0.2 m deep and a large linear ditch filled with charcoal and coke/clinker were observed. The ditch was 1 m wide and cut from just below the grass and was clearly modern.

Haul Road 18 & 19

- 3.1.17 Haul road 18 was excavated adjacent to A515 where three tree holes were noted during topsoil stripping. West of the A515, the topsoil for Haul Road 19 was usually 0.3 m deep over occasional spreads of silty gravel that sealed the natural clay. The route was usually waterlogged.

Haul Road 20

- 3.1.18 This haul road extended from Shaw Lane to Handsacre. New culverts were excavated through layers of modern brick and concrete - the route was frequently waterlogged. The rubble layers were set at the level of the topsoil that was usually 0.3 m deep. Areas of petrol or diesel contamination were noted along the route. Modern drainage/service ditches running lengthways and across the line of the haul road were noted.

3.2 Finds

- 3.2.1 Victorian and later finds were evaluated on site but otherwise were not retained.

3.3 Palaeo-environmental remains

- 3.3.1 No deposits suitable for environmental sampling were encountered.

4 CONCLUSIONS

- 4.1.1 The results from the watching brief were limited. Observation of the natural clay usually gave a good indication of the archaeological potential along the line of the new haul roads.
- 4.1.2 Aside from tree throw holes and probable natural solution hollows, the land adjacent to the line of the railway appears to have been historically fallow.
- 4.1.3 Where the haul roads were cut away from the line of the railway, a few features were observed. The four ditches observed in the length of haul road 5 from the river Tame to Tollgate Lane Access Site were undated, but are probably field boundary ditches also acting as drainage ditches. The alignment of these features was mimicked by later east-west aligned field drains.
- 4.1.4 The only other finds of note were spreads of brick rubble and cut features filled with brick and 'industrial' debris such as coke and charcoal, all presumably associated with the period when the railway line was constructed.

APPENDICES

APPENDIX 1 ARCHAEOLOGICAL CONTEXT INVENTORY

Context	Type	Depth	Width	Height	Comments	Finds
100	Layer	0.3 m	-	-	Topsoil	
101	Layer	0.25 m	-	-	Ploughsoil	
102	Layer	0.1 m+	-	-	Natural clay	
109	Fill	0.2 m	-	-	Fill of 110	
110	Cut	1 m	0.2 m	-	Ditch	
111	Fill	0.35 m	-	-	Fill of 112	
112	Cut	0.35 m	1.2 m	-	Ditch	
114	Fill	0.2 m	-	-	Fill of 115	
115	Cut	0.2 m	0.75 m	-	Ditch	
118	Fill	0.3 m	-	-	Fill of 119	
119	Cut	0.3 m	0.95 m	-	Ditch	
124	Service	0.45 m	0.7 m	-	-	
500	Layer	0.3-0.5 m	-	-	Topsoil	
501	Layer	0.1 m+	-	-	Natural clay	
502	Layer	0.3-0.5 m	-	-	Topsoil	
503	Layer	0.1 m+	-	-	Natural clay	

APPENDIX 2 BIBLIOGRAPHY AND REFERENCES

- IFA, 1999 *Standards and Guidance for Archaeological Watching Briefs*. IFA
- OA 1992 *Fieldwork Manual* (1st Edition, August 1992)
- OA 2004 *West Coast Mainline Upgrade - Trent Valley. Outline Proposal for Phase 1 Works*
- OA 2005 Network Rail, Trent Valley. West Coast Mainline Upgrade. Staffordshire: Tamworth to Lichfield. Sites 22, 24 and 25. Evaluation Report.

APPENDIX 3 SUMMARY OF SITE DETAILS

Site name: Tamworth (Handsacre) to Lichfield, West Coast Mainline Upgrade.

Site code: WCMLH 05

Grid reference: SK 1860 0680 (centred)

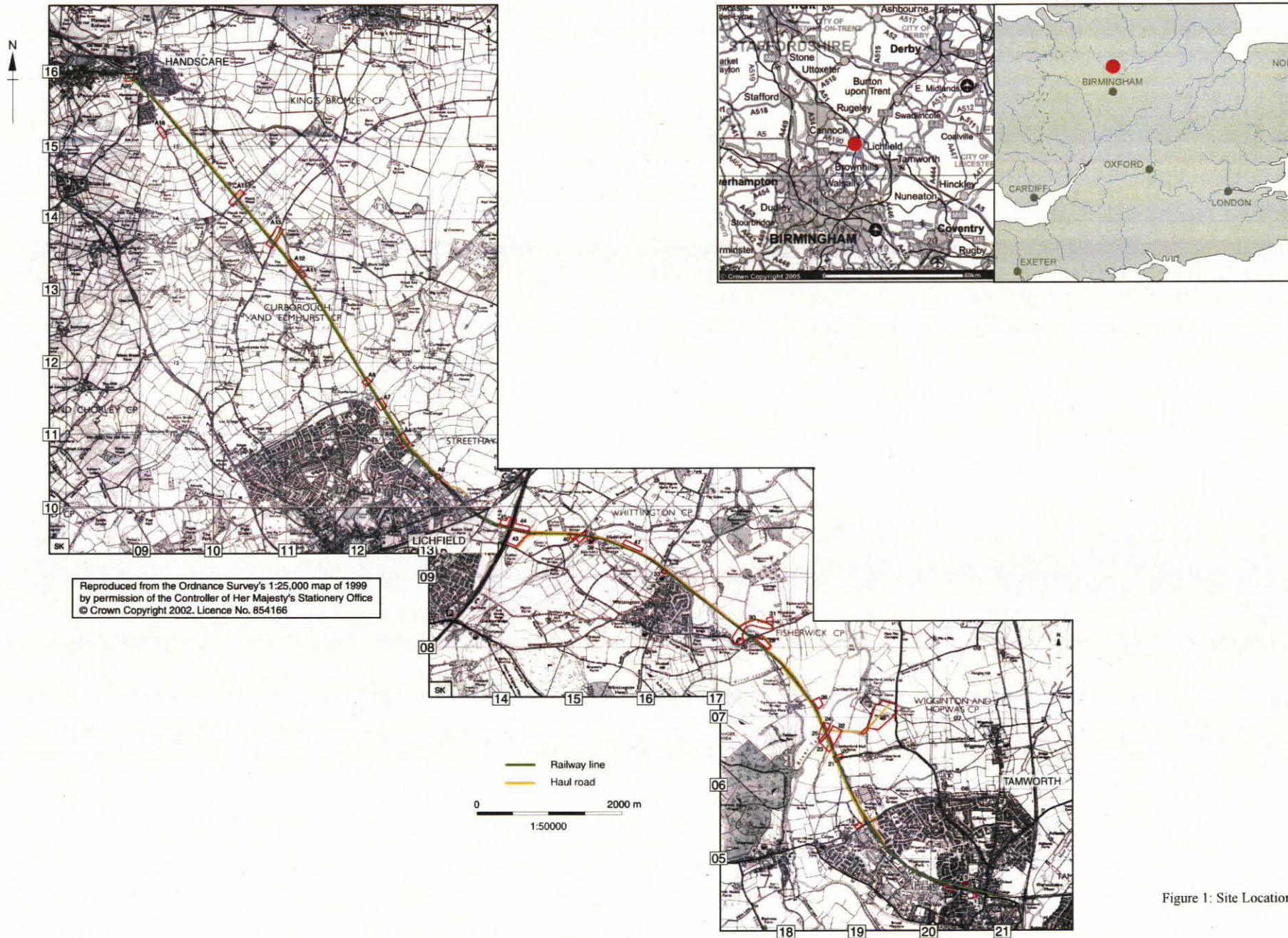
Type of watching brief: Observation of machine stripping of haulage roads and access sites.

Date and duration of project: January-August 2005.

Area of site: c. 20 km in length by 30 m wide strips.

Summary of results: The watching brief revealed natural clay layers below topsoil along the majority of the haul roads. A number of undated shallow ditches represent field boundaries/drainage features - these were only seen in fields away from the line of the railway itself. Areas of 19th century brick and rubble debris and modern features associated with the construction and maintenance of the railway were noted.

Location of archive: The archive is currently held at OA, Janus House, Osney Mead, Oxford, OX2 0ES, and will be deposited with The Potteries Museum & Art Gallery, Staffordshire in due course, under the following accession number: 2005 LH.1



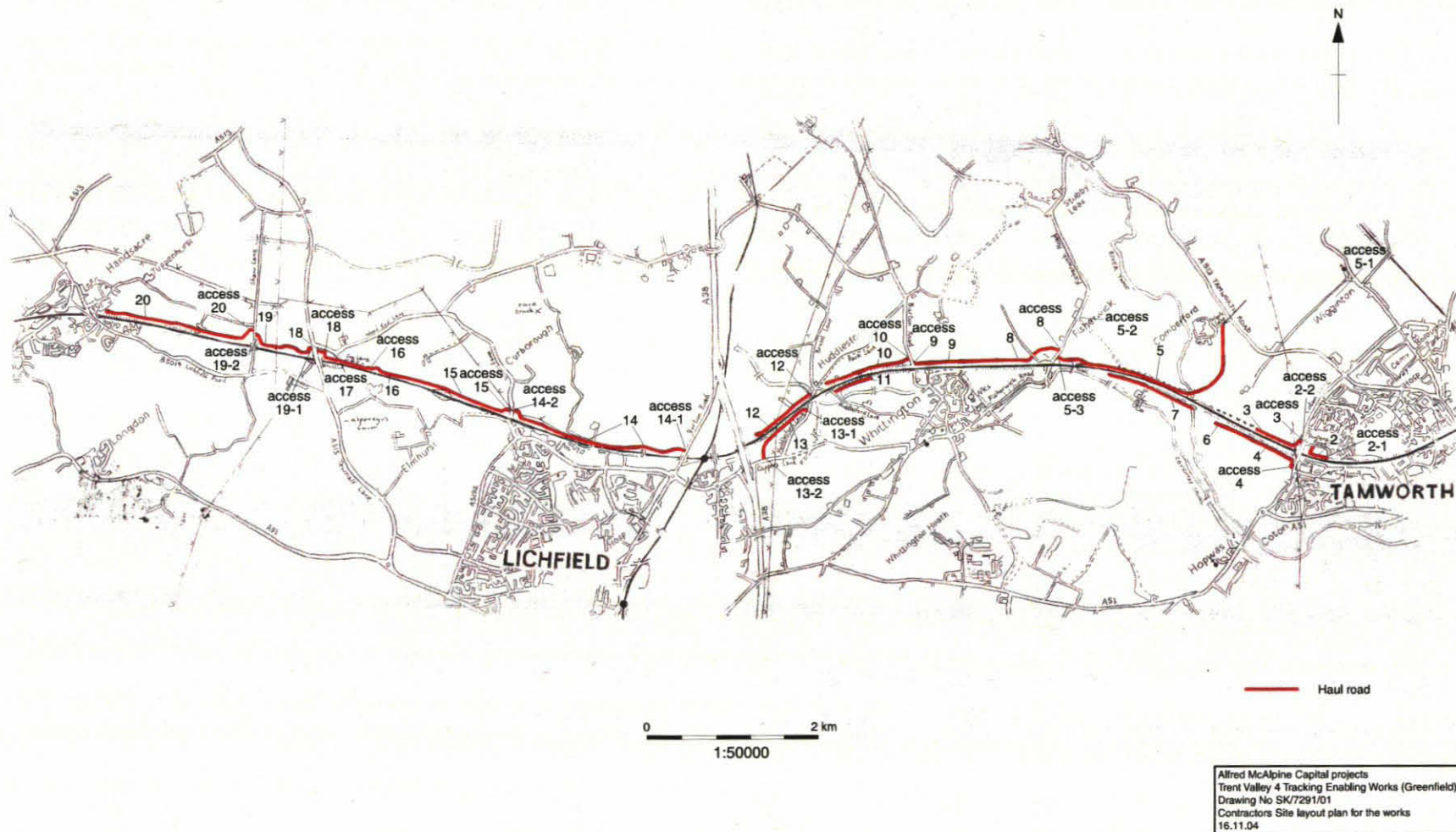


Figure 2: Site plan of areas of watchingbrief: haul roads



Plate 1: Topsoil stripping, haul road 5



Plate 2: Ditch 110



Plate 3: Ditch 112



Plate 4: Ditch 115



Plate 5: Ditch 119

OASIS DATA COLLECTION FORM:

England

[List of Projects](#) | [Manage Projects](#) | [Search Projects](#) | [New project](#) | [Change your details](#) | [HER coverage](#) | [Change country](#) | [Log out](#)

Printable version

OASIS ID: oxfordar1-106226

Project details

Project name	West Coast Mainline, TV4, Haul Road Watching Brief
Short description of the project	From January 2005 to August 2005, Oxford Archaeology (OA) carried out an archaeological watching brief during construction of haul roads associated with the upgrade of the West Coast Main Line between Tamworth (Handsacre) and Lichfield (NGR SK 1860 0680 centred). The work was commissioned by Network Rail in conjunction with archaeological evaluation works on sites of archaeological interest along the route of the railway. Up to 20 lengths of temporary roadway/site access areas were archaeologically monitored during topsoil stripping. The watching brief revealed natural clay layers below topsoil along the majority of the haul roads. A number of undated shallow ditches represent field boundaries/drainage features - these were only seen in fields away from the line of the railway itself. Areas of 19th century brick and rubble debris and modern features associated with the construction and maintenance of the railway were noted.
Project dates	Start: 04-01-2005 End: 07-07-2005
Previous/future work	Yes / Yes
Any associated project reference codes	WCMLH 05 - Sitecode
Any associated project reference codes	2005.LH.1 - Museum accession ID
Type of project	Recording project
Current Land use	Cultivated Land 4 - Character Undetermined
Monument type	N/A None
Significant Finds	NONE None
Investigation type	'Watching Brief'
Prompt	Planning condition

Project location

Country	England
---------	---------

Site location	STAFFORDSHIRE LICHFIELD WHITTINGTON West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD FISHERWICK West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD WIGGINTON AND HOPWAS West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE TAMWORTH TAMWORTH West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD ARMITAGE WITH HANDSACRE West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD KINGS BROMLEY West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD CURBOROUGH AND ELMHURST West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD LICHFIELD West Coast Main Line, TV4 Haul Road
Site location	STAFFORDSHIRE LICHFIELD STREETHAY West Coast Main Line, TV4 Haul Road
Study area	20.00 Kilometres
Site coordinates	SK 212 044 52.6365825925 -1.686696006490 52 38 11 N 001 41 12 W Line
Site coordinates	SK 091 157 52.7385150175 -1.865202364720 52 44 18 N 001 51 54 W Line

Project creators

Name of Organisation	Oxford Archaeology
Project brief originator	Network Rail
Project design originator	Oxford Archaeology
Project director/manager	C. King
Project supervisor	J Tierney
Project supervisor	L Martin

Project archives

Physical Archive Exists?	No
Digital Archive recipient	Oxford Archaeology
Digital Archive ID	WCMLH05/WCMLHWP
Digital Contents	'Stratigraphic'
Digital Media available	'Text'
Paper Archive recipient	The Potteries Museum and Art Gallery
Paper Contents	'Stratigraphic'
Paper Media available	'Context sheet', 'Diary', 'Photograph', 'Plan', 'Report', 'Unpublished Text'

**Project
bibliography 1**

Publication type	Grey literature (unpublished document/manuscript)
Title	Network Rail, Trent Valley, West Coast Mainline Upgrade Staffordshire: Tamworth (Handsacre) to Lichfield - Haul Roads
Author(s)/Editor(s)	Hiller, J
Date	2005
Issuer or publisher	Oxford Archaeology
Place of issue or publication	Oxford
Description	A4 bound client report
Entered by	Susan Rawlings (susan.rawlings@oxfordarch.co.uk)
Entered on	1 August 2011

OASIS:

Please e-mail English Heritage for OASIS help and advice .

© ADS 1996-2006 Created by Jo Gilham and Jen Mitcham, email Last modified Friday 3 February 2006

Cite only: /d1/export/home/web/oasis/form/print.cfm for this page



West Coast Main line, TV4, Watching Brief of Haul Roads
WCMH05

Box 1 File 3

B. Primary Context Records

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

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	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	



WATCHING BRIEF RECORD

SITE CODE
WCMCHOS

SITE NAME
West Coast Main Line

DATE
29/3/05

NGR

County
Staffs

Start Time

0.8.52am

Finish Time

16.31pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd S construction

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Continued stripping back of haul Rd S.

ch 1140 NE Topsoil 0.52m SW 0.31m
clay 0.02m clay 0.07m
0.54m 0.38m

stream
Moels (culvert)
at ch 1110
ch 1120 NE Topsoil 0.48m SW T/S 0.51m
clay 0.06m clay 0.10m
0.54m 0.61m

✓ approx 2m wide
running SE-NW across
side sk 17952
BNG 07157
ch 1100 NE Topsoil 0.46m SW T/S 0.29m
clay 0.05m 0.07m
0.49m 0.36m

ch 1080 NE Topsoil 0.32m 0.41m

Records?



WATCHING BRIEF RECORD

SITE CODE WCMCHOS
~~WCMCHOS~~

SITE NAME West Coast Main line

DATE 28/3/05

NGR

County

Start Time

0.8.52am

Finish Time

16.31pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd S construction

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Took over from Lee Martin 28/3/05 - No records?
or can't find them... change at cheers for your confidence!

Started stripping haul Rd S Ch 1220 sk 17863
BNG 07836

haul Rd going NW/SE

Ch 1220 NE

SW

Jan (07808 144065)

Topsoil 0.32m

Topsoil 0.40m

Net clay 0.05m

Net clay 0.10m

Total depth 0.37m

0.50m

Ch 1200

NE Topsoil 0.40m

SW Topsoil

clay 0.04m

0.37m

0.44m

0.40m

Ch 1180 Topsoil 0.37m

0.36m

(Topsoil clay 0.05m

Total 0.41m

Records?

Ch 1160 Topsoil

Topsoil

0.36m

0.38m

(Topsoil clay

0.04m

0.42m



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE WCM405

SITE NAME West Coast Main Line

DATE ²⁹28/5/05

NGR

County

Start Time

08.52am

Staffs

Finish Time

16.32pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd 12

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Arrived Haul Rd 12 09.15am told no stopping this morning.

No stopping all day

Records?



WATCHING BRIEF RECORD

SITE CODE **WCMCHOS**SITE NAME **West Coast Main Lho**DATE **30/3/05**

NGR

County

Start Time

07.54 am**Staffs**

Finish Time

16.31 pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd S.

Contacts made

Archaeology present?

Yes:

No:



Undated:

Other:

COMMENTS

No stopping as at 0.8.00 am due to bad weather.**No stopping today
on all haul Rd's S, 9, 12
due to Rain.**

Records?



WATCHING BRIEF RECORD

SITE CODE *WCMLH05*SITE NAME *West Coast Main Line*DATE *30/3/05*

NGR

County

Start Time

07.54am

Finish Time

16.31pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd 12

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Bad weather stopped stripping at 8.00am.

Records?



WATCHING BRIEF RECORD

SITE CODE WCM405

SITE NAME West Coast Main Line

DATE 31/3/05

NGR

County

Start Time

7.54a

Finish Time

1634p

Milage

Previous Visit

Visit By

J. [signature]

Type of construction work

Haul Rd S

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

started stripping at ch 1080

SK 17961

BNG 07734

ch 1060 NE Topsoil 0.31m

SW 0.32m

clay 0.10m

clay 0.11

0.41m

0.43m

Total
depth
excavated.

ch 1040 NE 0.34m

SW 0.33m

clay 0.11m

clay 0.07m

0.46m

0.40m

ch 1020 NE 0.31m

SW 0.34m

clay 0.04m

clay 0.12m

0.35m

0.46m

ch 1000 NE 0.33m

SW 0.61m

clay 0.13m

clay 0.13m

0.51m

0.74m

ch 980 NE 0.21m

SW 0.24m

0.12m

Topsoil only

0.33m

Records?

ch 960 NE 0.35m

SW 0.23m

clay 0.11m

Topsoil only

0.46m



WATCHING BRIEF RECORD

SITE CODE **WCMCHOS**

SITE NAME **West Coast Main Line**

DATE **31/3/05**

NGR

County

Start Time

7.54am

Finish Time

16.31am

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd S

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Continued stripping Haul Rd S

Depths excavated = { **ch 940^{NE} 0.36m** **SW 0.34m**
Topsoil only Topsoil only
ch 920^{NE} 0.33m **SW 0.35m**
Topsoil only Topsoil only

Stopped SK 12066
BNG 0748

Records?



WATCHING BRIEF RECORD

SITE CODE WCMCH05

SITE NAME West Coast Main Line

DATE 31/3/05

NGR

County

Start Time

0.7.54 am

Staffs

Finish Time

16.34 pm

Milage

Previous Visit

Visit By

J. King

Type of construction work

Haul Rd 9

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS Topsoil + Nat contexts see records for haul Rd 8 or is the same.

Started stripping back haul Rd 9

Haul Rd is a continuation of haul Rd 8, linear haul Rd running NW / SE

SK 16709
BNG 08776

cho SW Topsoil
0.31m
clay 0.37m
Total 0.68m
SW Topsoil
ch 20 0.33m
clay 0.35m
0.67m
SW Topsoil
ch 40 0.35m
0.23m
0.57m
SW Topsoil
ch 60 0.37m
0.23m
0.50m

NE 0.36m
clay 0.24m
Total 0.60m
NE Topsoil
0.34m
0.39m
0.73m
Topsoil
0.40m
0.08m
0.48m
Topsoil
0.41m
0.27m
0.68m

N.B Topsoil / Nat Contexts sheets see sheets for haul Rd 8 or they are the same.

stopped 31/3/05

SK 16640

BNG 08834

Records?

FLO FPV -



WATCHING BRIEF RECORD

SITE CODE *WCMCHOS*SITE NAME *West Coast Main line*DATE *31/7/0*

NGR

County

Start Time

7.54 am

Finish Time

16.34 pm

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd 12

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

No stripping of soil at haul Rd 12.

Records?



WATCHING BRIEF RECORD

SITE CODE WCHLHOS

SITE NAME West Coast Main Line

DATE 1/4/05

NGR

County

Start Time

7.52am

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd S

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Continued stripping at Haul Rd S.

SK 18060 → ch 920^{NE} 0.33m
BNG 07618 Topsoil only

SW 0.35m
Topsoil only

ch 900^{NE} 0.26m
Topsoil only

SW 0.25m
T/sail only
~~Topsoil only~~

ch 880^{NE} 0.24m
Topsoil only

SW 0.26m
Topsoil only

ch 860^{NE} 0.26m
Topsoil only

SW 0.23m
Topsoil only

ch 840^{NE} 0.36m
Topsoil only

SW 0.35m
Topsoil only

ch 820^{NE} 0.42m

SW 0.36m

Records?

Topsoil only

Topsoil only

SK 18126
BNG 07527.

ch 800^{NE} 0.37m
0.10m
0.47m

SW 0.41m
0.08
0.49m



WATCHING BRIEF RECORD

SITE CODE WCM405

SITE NAME West Coast Main Line

DATE 1/4/05

NGR

County

Staffs

Start Time

7.52 am

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd 9

Contacts made

Archaeology present?

Yes:

No:



Undated:

Other:

COMMENTS

stated ch 60

SK 16640

ch 80

NE Topsoil 0.26m

SW Topsoil 0.28m

BNG 08834

clay 0.35m

0.37m

Total depth 0.61m
soil removed

0.65m

Continued

stripping haul Rd 5)

ch 100

NE Topsoil 0.27m

SW Topsoil 0.25m

clay 0.36m

clay 0.38m

0.63m

0.63m

ch 120 NE Topsoil 0.31m

SW 0.30m

clay 0.15m

clay 0.16m

0.46m

0.46m

ch 140 NE 0.34m

SW 0.36m

0.27m

Topsoil 0.37m

0.61m

0.73m

ch 160 NE 0.37m

SW 0.39m

0.05m

0.08m

0.42m

0.48m

Records?

SK 16540 → ch 140 NE 0.39m
clay 0.10m
0.49mSW 0.41m
clay 0.11m
0.52m



WATCHING BRIEF RECORD

SITE CODE WCMUHOS

SITE NAME West Coast Main Line

DATE 1/4/05

NGR

County

Start Time

7.56 am

Staffs

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

Haul Rd 12

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

SK 14639 BNG 09645

Started stripping ch 460^N Topsoil 0.31m 0.32m

clay 0.10m clay 0.09m

Haul Rd 12 running Max depth 0.41m 0.41m

approx E-W

ch 4610^N 0.40m 0.37m

slow progress clay 0.10m 0.07m

as area is 0.50m 0.44m

waterlogged. ch 420^N S

0.42m 0.50m

SK 14676 0.10m 0.01m

BNG 09645 0.52m 0.51m

Records?



WATCHING BRIEF RECORD

cel

SITE CODE *WCH 05*

SITE NAME *WC Mainline*

DATE *mon 4/4/05*

NGR

County

Staffs

Start Time

1.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 5 ✓ *start of bridge construction - Topsoil*
wheeled 360° *stripping 20-30cm - 20m² at River*
lumper *Turne south side*

Site 9 ✓ *Fishermick Rd end - stripping 7.5 x 50m*
360° blade *thru 20-30cm of topsoil*
lumpers

Site 14 ✓ *Excavation of services culvert*
360° lorries *thru 30cm diagonally laid modern*
brick surface, and 80cm silt clay
natural - 1.5 x 20m

Records? *NO*



WATCHING BRIEF RECORD

ccc

SITE CODE *wcmh 05*

SITE NAME *wc Mainline*

DATE *Tue 5/4/05*

NGR

County

Staffs

Start Time

4.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No?

Undated:

Other:

COMMENTS

Site 5 *At River Tame: removal of river*
wheeled 360° *✓ grounds + clays for construction of*
pier-heads ahead of bridge building.
thru 20-30cm of topsoil to depth ~1.5m
into gravel

Site 14 *✓ laying of pipes into culvert dug*
yesterday

Site 4 *✓ stripping at Fishermile Rd end. 100m x 75*
360°, blade *thru topsoil - 20cm, into sandy clay*
lorries *natural 20-30 cm*

Records? *No*



WATCHING BRIEF RECORD

SITE CODE *wcr 1h 05*

SITE NAME *wc Mainline*

DATE *Wed 6/4/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 5 Finishing of gravel and clay removal
wheeled 360° for Pier-heads*

*Site 9 topsoil stripping P.M only - heavy rain
360°, 7.5 x 30m - 20 cm depth. stockpiled*

*Site 12 this area worked all this week - but not
360° on scheme of work board so only seen
mini dumpers today - P.M only for heavy rain.
4 x 40m thru topsoil only, depth 20-30cm
onto dark red brown silt-clay natural*

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*

SITE NAME *wc mainline*

DATE *Thur
7/4/05*

NGR

County

Stuffs

Start Time

8.00

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 9

360° lorries

Blade

↑

*road
gate
60m
3*

gate X

*Small dump - 5m² of
early (Pre 1840), to late
(19) glass and pottery within
a matrix of compact
coke-type material approx
10m from gateway at Burton Rd*

*---
railway line*

*stripping: 7.5 x 80m thru
20-30cm topsoil,*

20m N of railway line

*20cm into silt-clay natural to Burton Rd - still
surveying E end of site 10*

Site ~~11~~ 12

360°

mini dumper

*stripping 4 x 60m, now at Broad lane end.
Thru 20-30cm topsoil and 30-40cm
natural*

Records? *NO*



WATCHING BRIEF RECORD

Lee

SITE CODE *wcm1h
05*

SITE NAME *wc Mainline*

DATE *Fri
8/4/05*

NGR

County *Staffs*

Start Time

8.00

Finish Time

1.30

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 12 laying of hardcore over areas excavated
in last two days - no new digging*

*Site 9 / setting up of traffic lights at
Burton Rd - no new digging*

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *WCH 05*

SITE NAME *WC Mainline*

DATE *Mon 11/4/05*

NGR

County

Start Time

12.45

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 10

*360° blade
lorries*

*7.5 x 30m stripped thru 20cm topsoil,
30cm silt clay natural. hardcore
✓ laying*

Site 12

*360° blade
dampers
mini-dumper*

*✓ 4 x 40m and 15 x 25m stripped 20cm
topsoil, 20-30cm silt clay natural - nearing
the A38. silt clay natural*

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcmh 05*SITE NAME *wc Mainline*DATE *12th 4/05*

NGR

County

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

*Site 10 7.5x40m stripped thru 20cm topsoil and
360° blade 30cm natural. Burton Rd - Park Lane
lorries hardcore laying*

*Site 12 laying of hardcore onto yesterday's
lorries, blade excavated areas
roller*

*Site 20 excavation of culverts thru heavily
360° disturbed modern brick + concrete - water-logged
mini-dumpers*

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*

SITE NAME

wc Mainline

DATE

13/4/03

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 20
360° blade
mini-dumpers*

*stripping 4x40m thru 20-30cm topsoil, into
natural 60-70cm with large areas of
modern brick and concrete disturbance -
very waterlogged. Surveying*

*Site 10
360° blade
lorries*

*stripping 7.5x40 thru 20cm topsoil into
natural 30cm. laying of hardcore
Surveying*

Records?

NO



Oxford Archaeology

WATCHING BRIEF RECORD

ccc

SITE CODE *WCM1h
05*SITE NAME *WC Mainline*DATE *Thu
14/4/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No:

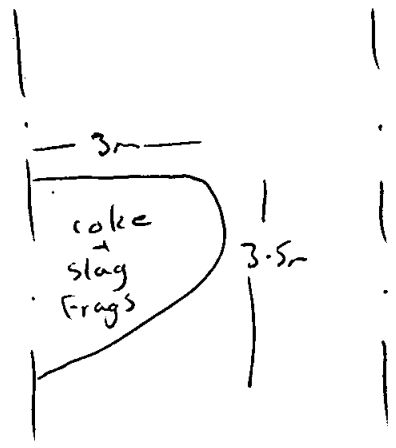
Undated:

Other:

COMMENTS

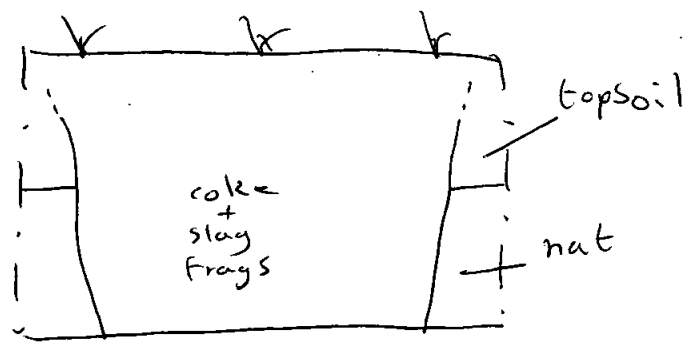
*Site 10
360° blade
lorries**stripping (a.m.) 7.5 x 50m thru 20cm
topsoil - undulating ground - and 20-40
cm silty clay natural. Small modern
feature with coke and slag cut from
topsoil at Ch120L. PTO, laying of hardcore**Site 14
360° lorries**area between main two standing
buildings stripped to natural thru
heavily disturbed brick laden modern
topsoil - 50m²**Site 20**laying of keram and hardcore over
yesterday's digging**Site 13**At Cappers Lane: 10m² dug thru lain
hardcore to natural*Records? *No*

Plan




CH202

Section



get school na saten - white stripes

 Oxford Archaeology		WATCHING BRIEF RECORD		
SITE CODE <i>wcmh 05</i>		SITE NAME <i>wc Mainline</i>		DATE <i>Fri 15/4/05</i> <i>ue</i>
NGR	County <i>Staffs</i>	Start Time	<i>8.00</i>	
		Finish Time	<i>1.00</i>	
Milage	Previous Visit	Visit By		
Type of construction work <i>haul roads</i>				
Contacts made				
Archaeology present?				
Yes:				
<i>No:</i>				
Undated:				
Other:				
COMMENTS				
<i>Site 10 7.5x60m stripped thru 20-30cm</i>				
<i>360°, blade topsoil on undulating ground mostly</i>				
<i>lorries dug with blade due to uneven ground</i>				
<i>laying of hardcore</i>				
<i>Site 20 4x40m stripped thru 20-30cm</i>				
<i>360°, blade heavily disturbed topsoil and made ground</i>				
<i>mini-dumpers onto natural - very dark looking</i>				
<i>diesel contaminated. Hardcore laying</i>				
<i>✓</i>				
Records? <i>NO</i>				



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm/h
05*

SITE NAME

wc Mainline

DATE

*mon
18/4/05*

NGR

County

Staffs

Start Time

12-30

Finish Time

3-30

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*No excavations at all today
due to heavy rain*

Records?

NO



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*SITE NAME *wc Mainline*DATE *Tue
14/4/03*

NGR

County

Staffs

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 20**laying of hardcore over previously
excavated section since Friday P.M.**360°**mini-dumpers**Today - stripping of topsoil - now into
Rapeseed field 4x40m thru 20-30cm
topsoil onto mixed natural - brown + gray
sand silt clay with pockets of gravel and
large pebbles**Site 7**Since Friday P.M - 4x150m stripped
light, sandy topsoil onto light yellow
sand with pebbles**360° dumpers*Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

ccc

SITE CODE *WCH 05*SITE NAME *W-C Mainline*DATE *Wed 20/4/03*

NGR

County

Staffs

Start Time

6.00

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 10 Since Friday: Stripped 120x7.5m thru 360°, blade 30-40cm topsoil onto red orange brown loamies natural - alot of recavation by blade only dylt be undulating ground - hardcore laying

*Site 20**no work*

Site 18 Since Friday P.M. 7.5x50m thru 20-30cm layer 360°, blade topsoil onto orange brown natural. Hardcore laying loamies

Site 7 Stripped 4x20m thru topsoil only 360°, blade catching up with hardcore laying + rolling min-dumpers

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *WCH 05*SITE NAME *Wc Mainline*DATE *Thurs 21/4/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

Site 10 stripped 7.5 x 50m thru topsoil 20cm, and
360° blade light pink + red fine sand silt 20cm.
lunies / *Now approaching Park Lane end.*

Site 19 New gravel-breaking. stripping of topsoil
360° blade 20-30cm onto sandy silty gravels - barely
dumpers exposing the natural. 7.5 x 40m and 20m².
lunies / *Three burnt oak, silty filled tree throws*
just exposed

Site 20 / stripped 4 x 50m thru 20cm topsoil into
360° blade 20cm orange sandy silt with pockets of
mini-dumpers gravel + large pebbles

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*SITE NAME *wc mainline*DATE *Fri
22/4/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

1.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 19 Stripped 4x40m thru topsoil only onto
360° blade natural. Hardcore laying
dumps

Site 20 Stripped 4x60m thru topsoil only - underlying
360° gravel thought suitable base in this area.
mini-dumps Heavily disturbed/contaminated light industrial
area at copse ch 450/704 - dug 20cm into
this solar topsoil. Hardcore laying

Site 10 Stripped 7.5x60m thru 20cm topsoil and
360° blade 20cm red brown sand silt clay with gravel
lumps and pockets of large pebbles. Nearing small
river channel + trees. Hardcore laying

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wc 1h
05*

SITE NAME *wc Mainline*

DATE *Mon 25/4/05*

NGR

County

Staffs

Start Time

12.45

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 19 Since Friday P.M. stripped 4 x 120m thru
360° blade topsoil only 20-30cm. Hardcore laying
dumpers*

*Site 20 Tree Felling. Stripped 4 x 40m thru
topsoil only 30cm. Hardcore laying*

*Site ~~16~~ 17 Fog lane end: Stripped 4 x 50m thru
360° blade 30cm topsoil and 10cm natural - yellow
orange sand clays with gravel pockets and
large pebbles. Hardcore laying*

Records?

NO





WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*

SITE NAME *wc Mainline*

DATE *Tue
26/4/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

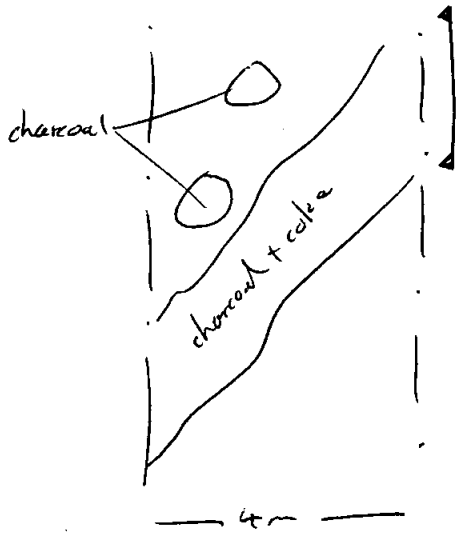
*Site # 17 stripped 4x50m thru topsoil and into
360° blade natural. ch60c - modern charcoal dumps
mini-dumps ✓ 1m² depth 20cm and a linear cut from
the topsoil 1m wide with charcoal + coke. PTO*

*Site 20 stripped 4x30m thru topsoil only. Hardcore
360° blade laying. modern field drains running NE-SW,
mini-dumps ✓ An unknown (drain?) linear, width 40-50cm
running along (E-W) haul road: ch 1070c - looks
✓ modern. other discrete modern charcoal dumps*

Records? *NO*

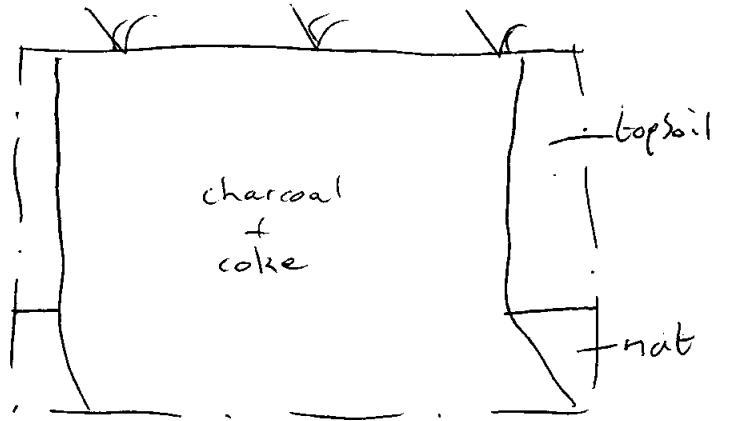
site 17

←
plan



Fog
lane

section





Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *Went 1h
05*SITE NAME *WC Mainline*DATE *Wed
27/4/05*

NGR

County

Start Time

8.00

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

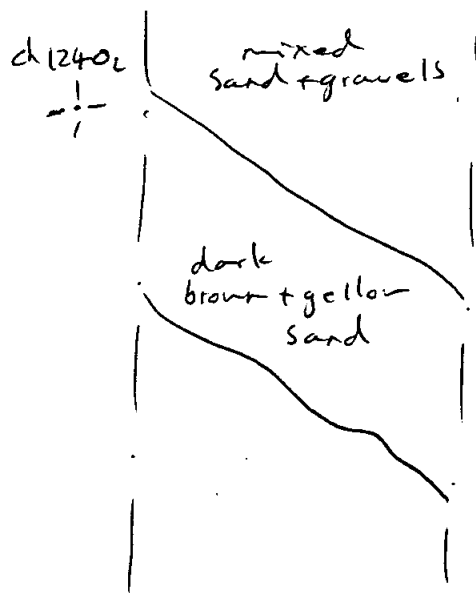
COMMENTS

*Site 20**Stripped 4x40m thru topsoil only.**360° x 2**Hardcore laying**mini-dungers**Linear Feature at CH1240L PTO. Runs diagonally across haul road, 1m width - towards edges**20cm ^{deep} ~~deep~~. No pottery, mixed yellow + brown**Sandy fills - deliberately backfilled, modern looking under whether cut from topsoil**Site 19**Stripped 4x120m since 6.00 P.M. thru**360°**30cm topsoil (can field) and 20cm yellow**mini-dungers**Sandy natural. Hardcore laying. Shawlone end.*

Records?

Site 20

→
Plan





WATCHING BRIEF RECORD

SITE CODE *Wentk 05*SITE NAME *we main line*DATE *Thu 26/4/03*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 20 *stripping 4x60m thru topsoil only, 20cm*
360° blade *Hardcore laying*
mini-dumpers

Site 19 *stripping 4x60m thru topsoil only, 20-30cm*
360° blade *Hardcore laying*
mini-dumpers

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *Wenth 05*

SITE NAME *W.C. Mainline*

DATE *Fr 29/10/05*

NGR

County *Staffs*

Start Time *8.00*

Finish Time *1.30*

Milage

Previous Visit

Visit By

Type of construction work *haul Roads*

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Sibc 20 stripping 4x60m thru topsoil only
360°, blade Hardcore laying
mini-dumpers*

*Sibc 19 stripping 4x40m thru topsoil only
360°, blade Hardcore laying
mini-dumpers*

Records? *NB*



Oxford Archaeology

WATCHING BRIEF RECORD

Bank Holiday Mon

SITE CODE *wc 1h
05*SITE NAME *wc mainline*DATE *Tue
3/5/05*

NGR

County

Staffs

Start Time

12.45

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Site 20 Since Fri P.m - stripped 4x160m thru 30cm
360° x 2 topsoil only. Gravel natural quarry way
mini-dugout to dark orange brown sand silt clay towards
top of natural slope. Hardcore laying

Site 14 Since Fri P.m stripped 4x120m thru 30cm
360°, blade topsoil onto natural. At eastern end excavation
mini-dugout ~~depth~~ depth to 1m around water meadow area
flood. This area ancient undisturbed woodland,
now holding cars. Natural here is orange
brown silt clay with gravel pockets. Hardcore

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcmh
05*SITE NAME *wc Mainline*DATE *wed
4/5/05*

NGR

County

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No

Undated:

Other:

COMMENTS

Site 14 *Now joined to site 18. stripped 4x80m*
360° blade *thru topsoil only - still subsoiled.*
mini-dumpers *Hardcore laying*

Site 20 *stripped 4x80m thru 30cm topsoil only.*
360° x 2 *Now other side of slope - back to gravel*
mini-dumpers *based natural.*
 Hardcore laying ✓

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *WCH 05*

SITE NAME *WCH Mainline*

DATE *15/05*

NGR

County

Stotts

Start Time

8-00

Finish Time

3-00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 20 *Final stripping to end of excavation*
360' x 2 *thru 30m topsoil only 4 x 60m*
min-dump

Records?

NO



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *Wemh
05*

SITE NAME *W C Mainline*

DATE *8/5/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

12.30

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No

Undated:

Other:

COMMENTS

S.16c 20

Hardcore laying

360 x 2

man-dug

Records? *ND*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE <i>wcm1h 05</i>		SITE NAME <i>wc mainline</i>		DATE <i>mon 9/5/05</i>
NGR	County <i>Staffs</i>	Start Time	<i>12.30</i>	
		Finish Time	<i>5.00</i>	
Milage	Previous Visit	Visit By		
Type of construction work <i>haul Roads</i>				
Contacts made				
Archaeology present?				
Yes:				
<i>No.</i>				
Undated:				
Other:				
COMMENTS				
<i>Site 16</i> start of stripping from wabury lane end,				
<i>360° x 2</i> stripped 4x100m thru 20-30cm topsoil				
<i>mini-dumps</i> and 30-40cm natural. Hardcore laying				
Natural = red + yellow silt clay with				
occasional pockets of gravel. Few pebbles				
<i>Site 15</i> start of stripping from wabury lane end				
<i>360, Glade</i> stripped 4x100m thru 20-30cm topsoil				
<i>mini-dumps</i> and 30-40cm natural. Hardcore laying.				
Natural as above				
<i>Site S-1</i> start of site S-1 from Tollgate Rd end				
<i>360°, Glade</i> 8x60m stripped thru topsoil only 20cm				
<i>dumps</i> into pale red sandy clay / sandy silt				
clay with plenty of gravel throughout				
Records? <i>NO</i>				



WATCHING BRIEF RECORD

SITE CODE *wcm1h*
OS

SITE NAME *wc main line*

DATE *Tue*
10/5/05

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 16 *stripping thru 30cm topsoil and 30cm*
360° x 2 *natural . 4 x 100m. Hardcore laying*
mini-dumpers

Site 15 *stripped thru 30-40 cm topsoil and*
360° blade *30cm natural . 4 x 80m . Hardcore laying*
mini-dumpers

Site S-1 *Stripped 8 x 90m thru topsoil only 30cm*
360° blade *Hardcore laying*
dumpers *Area stripping 100 x 60m thru topsoil only 30cm*

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*SITE NAME *wc Mainline*DATE *Wed
11/5/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

*Site 16 4x80m stripped thru 30cm topsoil and
360° x 2 30cm natural. Hardcore laying
mini-dumpers*

*Site 15 4x100m stripped thru 30-40cm topsoil
360° blade and 30-40cm natural. Hardcore laying
mini-dumpers*

*Site S-1 stripping topsoil only 30cm 8x80m
360° blade Hardcore laying
dumpers*

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE <i>wcmh 05</i>		SITE NAME <i>wc mainline</i>		DATE <i>Thur 12/5/05</i>	
NGR	County <i>Staffs</i>	Start Time	<i>8.00</i>		
		Finish Time	<i>5.00</i>		
Milage	Previous Visit	Visit By			
Type of construction work <i>haul roads</i>					
Contacts made					
Archaeology present?					
Yes:					
<i>No</i>					
Undated:					
Other:					
COMMENTS					
<i>Site 16</i>					
<i>stripping thru 20-30cm topsoil and</i>					
<i>360° x 2</i>					
<i>30-40cm natural</i>					
<i>mini-dungers</i>					
<i>Hardcore laying</i>					
<i>Site 5-1</i>					
<i>stripping thru 30cm topsoil only.</i>					
<i>360° x 2, blade</i>					
<i>4 x 100m . Hardcore laying</i>					
<i>dungers</i>					
<i>Site 15</i>					
<i>stripping 4 x 60m thru 30cm topsoil and</i>					
<i>360° blade</i>					
<i>40cm natural</i>					
<i>mini-dungers</i>					
Records? <i>NO</i>					



WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*

SITE NAME *wc mainline*

DATE *Fri
13/5/05*

NGR

County *Staffs*

Start Time

8.00

Finish Time

1.30

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Site 16 *Stripping thro 20-30cm topsoil and*
360° x 2 *30-40cm natural. Hardcore laying*
mini-dumpers *4 x 80m*

Site 5 *Stripping 20 x 100m thro topsoil only 30cm.*
360° x 2, 4ade *Sand laying*
dumpers

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*SITE NAME *wc Mainline*DATE *Mon
16/5/05*

NGR

County

Staffs

Start Time

12-30

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 16 *stripping thru 30cm topsoil and 40cm*
360° x 2 *into natural. Nat = mixed red, yellow*
mini-dumpers *and green clays + silt clays. Areas of green*
look like solution hollows and contain lumps
of hard clay mineral. 4x100m
Hardcore laying

Site 15 *Hardcore laying*

Site 5 *stripping 20x60m thru 30cm topsoil only*
360° x 2
dumpers

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *WCH 05*

SITE NAME *Wc Mainline*

DATE *Tue 17/5/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 16 Stripped 4x80m thru 30cm topsoil
360° x 2 and 40cm natural
minidumpers Hardcore laying*

*Site 5-1 Area stripping 80x~~100~~₅₀ thru 30cm topsoil
360° only
dumpers*

Records?



WATCHING BRIEF RECORD

SITE CODE *wc1h
05*

SITE NAME *wc Mainline*

DATE *14/5/05*

NGR

County

Staffs

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Site 16

360° x 2

mini-dumpers

*stripping 4 x 80m + (20 x 10m thru bridge
made ground) 20-30cm topsoil only*

Hardcore laying

Site 5.1

360°

dumpers

*Continuation of area stripping 80 x 30m
thru 30cm topsoil only*

Sand laying

Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

UK

SITE CODE *WCM1h
05*

SITE NAME *Wc main line*

DATE *Thur
19/15/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 16 Stripping 4 x 60m thru 20-30cm topsoil only
360, shade Hardcore laying
mini-dumpers*

Records?



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
03*

SITE NAME *w c mainline*

DATE *20/5/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul loads

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

*Site 16
360° x 2
mini-dampers
4m long thru 20-30cm topsoil only.
Ch 480 NW-SE sunken linear feature
running into field. 1.5m width with a mixed
fill of brown, yellow + reddish site clays.
(19? brick frags + charcoal*

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *WCH05*

SITE NAME *Wc Markline*

DATE *23/5/05*

NGR

County *Staffs*

Start Time

1.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 16 Since Fri P.m. stripped approx 4x100m chn
360° 70cm topsoil only
mini-dampers Hardcore laying . Tree felling*

Records?



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wc main line*
OS

SITE NAME

wc main line

DATE

24/5/03

NGR

County

Scaffs

Start Time

8.00

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

site 16 bog soil stripping only depth 20-30cm 4x80m
360° Hardcore laying, tree felling
mini-dumper

other sites pipe laying
hardcore / sand laying, terracing etc

Records?

NO



WATCHING BRIEF RECORD

SITE CODE

worth
of

SITE NAME

in a main line

DATE _____

med
25/3/05

NGR

County

SL-a-f-f-S

Start Time

8-02

Finish Time

5.50

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No.

Undated:

Other:

COMMENTS

5. June 16

Hardcore lagging tree felling only

 360°

mini-dampers



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*SITE NAME *wc mainline*DATE *26/3/05* *ccc*

NGR

County

Staffs

Start Time

8.00

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Site 16 *Stripped 4x10m over 10-20cm topsoil +*
360° *20cm subsoil. Neighbouring Fag lane, very*
monoculture *wooded area, much roosting. Topsoil sandy*
silt loam, subsoil fine sand / sandy silt clay
with large pebbles where just above bedrock
type deposit. Redd greens yellows.
Around ch 1410-1450 waterlogged - ch 1450
appears to be a decayed fallen tree, dark
shaded more organic

Site 5 *Still rolling die - should be some widening?*

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcm1h*
05

SITE NAME *w c Mainline*

DATE *27/5/05*

NGR

County

Start Time

8.00

Finish Time

1.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Site 16

stripping thru 10cm topsoil + 30cm

360°

subsoil, 4 x 80m

mini-dugout

Hardcore laying

Site 5

rolling only still

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcmh
as*SITE NAME *wc mainline*DATE *31/5/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

*Site 16**finishing off join with site 17
hardcore laying*Records? *NO*



Oxford Archaeology

WATCHING BRIEF RECORD

SITE CODE *wcm1h
05*

SITE NAME *wc Mainline*

DATE *wed 1/6/05*

NGR

County

Staffs

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

heavily rained off

Records?



WATCHING BRIEF RECORD

SITE CODE *Wentk 05*

SITE NAME *W = mainline*

DATE *Thu 21/6/03*

NGR

County

Staffs

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Records?



WATCHING BRIEF RECORD

SITE CODE *Wentk 05*

SITE NAME *W.C. manure*

DATE *6/6/05*

NGR

County

Suffes

Start Time

1-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Site 16

Resurfacing

Site 14

Roadworks

Site 3

*tree surgery 80x40m area
topsoil only*

360°

danger

Site 3

topsoil surgery with blade

blade

straight over soil depth 20cm

non-danger

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *Wenth 03*

SITE NAME *Wentworth*

DATE *7/16/07*

NGR

County

Staff

Start Time

4-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

Records?

NO



WATCHING BRIEF RECORD

SITE CODE *Wemth OS*SITE NAME *WC Mainline*DATE *Wed 8/6/05*

NGR

County

Staffs

Start Time

4.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *Wenlh
OS*SITE NAME *Wc mainline*DATE *Thu
9/11/05* *ccc*

NGR

County

Slates

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roady

Contacts made

Archaeology present?

Yes:

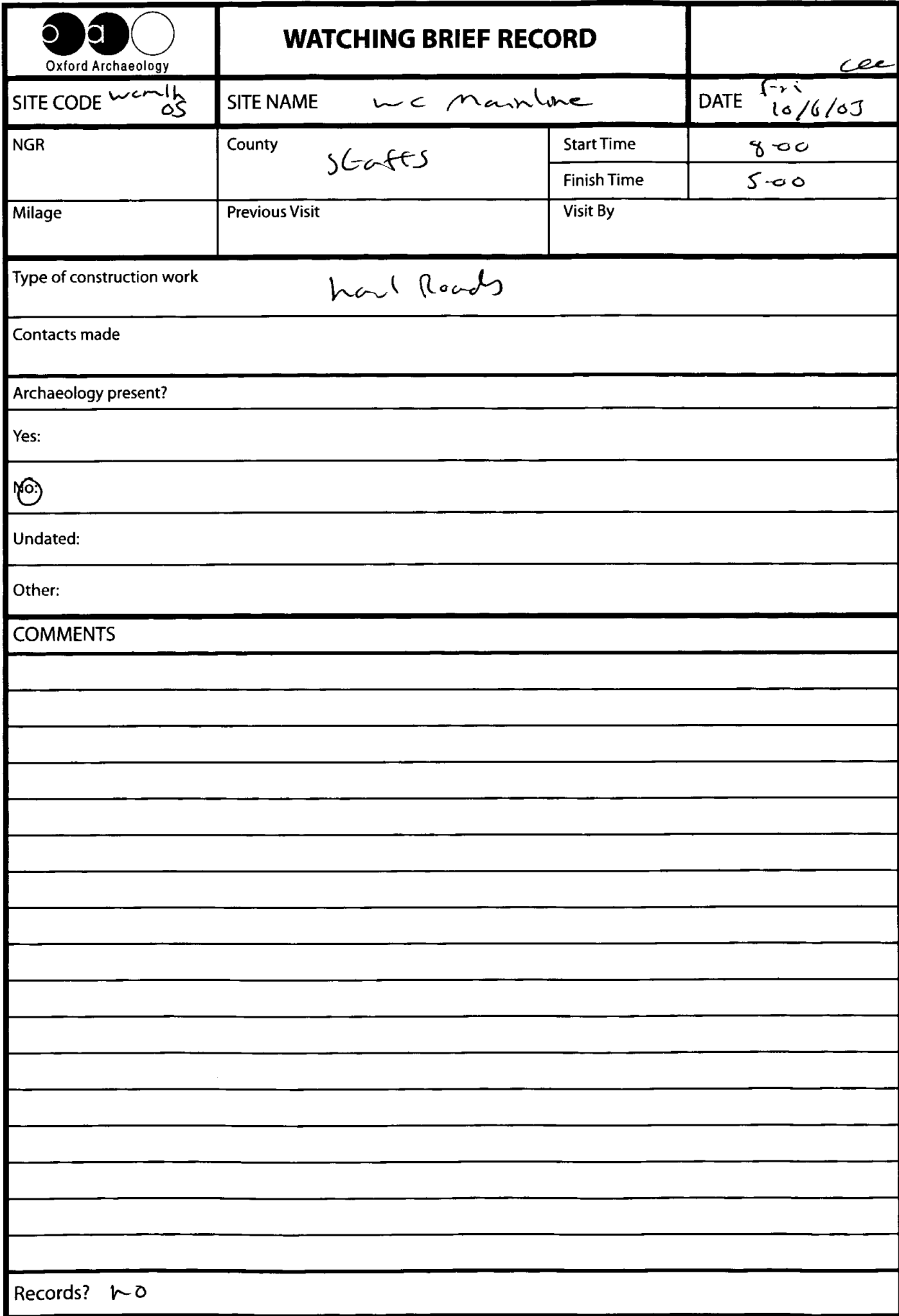
☒ No:

Undated:

Other:

COMMENTS

Records? *NO*





WATCHING BRIEF RECORD

SITE CODE *wcmbh 05*

SITE NAME *wc mainline*

DATE *13/1/05*

NGR

County *Staffs*

Start Time

1.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

Records? *no*



WATCHING BRIEF RECORD

Oxford Archaeology		WATCHING BRIEF RECORD		cee	
SITE CODE <i>ven 14/05</i>		SITE NAME <i>we mainline</i>		DATE <i>7-2 14/6/05</i>	
NGR	County <i>Staffs</i>	Start Time	<i>8-00</i>		
		Finish Time	<i>5-00</i>		
Milage	Previous Visit	Visit By			
Type of construction work <i>haul roads</i>					
Contacts made					
Archaeology present?					
Yes:					
<i>no</i>					
Undated:					
Other:					
COMMENTS					
<i>Site 14</i>					
<i>stripping of topsoil depth 20-30cm</i>					
<i>360° onto natural of mixed red and</i>					
<i>blade yellow silt and sandy clays with</i>					
<i>dungers areas of white calcareous material</i>					
<i>7.5 x 70m</i>					
<i>Site 3</i>					
<i>topsoil stripping 4 x 40m with</i>					
<i>blade blade</i>					
<i>mini dunger</i>					
Records? <i>no</i>					



WATCHING BRIEF RECORD

SITE CODE *WCH 1h 05*

SITE NAME

WCH mainline

DATE

Wed 15/6/05

NGR

County

Staffs

Start Time

8:00

Finish Time

5:00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

*Site 14**topsoil stripping**7.5 x 50m**360°**hardcore laying**blade**dumper*

Records?

no



WATCHING BRIEF RECORD

SITE CODE *WCH 05*

SITE NAME

WCH mainline

DATE

16/6/05

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

NO

Undated:

Other:

COMMENTS

Site 14 *topsoil stripping and laying of*
360° *hardcore - depth 20-30cm onto*
blade *natural 7.5 x 30m*
dumper

Site 5 *culture digging*

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *WCH 05*SITE NAME *we mainline*DATE *17/6/05*

NGR

County *Staffs*

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work *haul Roads*

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

Site 14 *600001 Strigery + hardware*
3600 *7.5X40m*
dumers
blade

Records? *NO*



WATCHING BRIEF RECORD

SITE CODE *wcmh
05*

SITE NAME *wc mainline*

DATE *20/6/05*

NGR

County

Staffs

Start Time

1-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

*Site 2-1 topsoil stripping depth 20cm onto
360° natural 4x60m
mini-dumper*

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *wcmh 05*SITE NAME *w c mainline*DATE *see 21/6/05*

NGR

County

Staffs

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

☒ No

Undated:

Other:

COMMENTS

*site 21 topsoil stripping onto natural
360° 4x50m
min-danger*

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *WCH 03*SITE NAME *Wc Mainline*DATE *Wed 22/6/05*

NGR

County

Staffs

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Rained off

Records?

WATCHING BRIEF RECORD

SITE CODE *wcm1b*
05

SITE NAME WC Maxline

DATE: 23/6/03

NGR

County

Stoffs

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

hard roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Turned off

Records?



WATCHING BRIEF RECORD

DATE *24/10/05*

SITE CODE *Wentk 05*

SITE NAME *W.C. Mainline*

NGR

County

Staffs

Start Time

8-00

Finish Time

3-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

☒ No

Undated:

Other:

COMMENTS

Site 14 + 5 many of topsoil heaps only

Records? *no*



WATCHING BRIEF RECORD

CEE

SITE CODE *Wentth 05*

SITE NAME *Wc Mearlme*

DATE *Mon 27/6/05*

NGR

County

Staffs

Start Time

1-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:

Other:

COMMENTS

*Site 13
360°
dumps*

*many of skeletons
hole-digging for fences*

*Site 5
360°
dumps*

*area stripping the topsoil only
depth 20-30cm onto natural
60x30m*

Records? *No*



WATCHING BRIEF RECORD

DATE ^{6ue} 28/6/05 ^{lee}

SITE CODE ^{wcm1h} 05

SITE NAME ^{wc mainline}

NGR

County

Staffs

Start Time

8.00

Finish Time

3.00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

No: ☒

Undated:

Other:

COMMENTS

Site 5 widening of haul roads approx 20
360° x 40m
dumppers

Site 13 fencing and small area stripping
360° 30x20m then topsoil only depth 30cm
dumppers onto natural

Records? ^{no}



WATCHING BRIEF RECORD

SITE CODE *Wemth 03*SITE NAME *Wc manlue*DATE *Wed 24/6/05*

NGR

County

SEFFS

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Road

Contacts made

Archaeology present?

Yes:

☒ No:

Undated:

Other:

COMMENTS

*Site 5 haul road widening by 2m x 6m
300°
dumper*

Records? *NO*

WATCHING BRIEF RECORD

SITE CODE *WCH*
03

SITE NAME *uc mainline*

DATE 30/6/03

NGR

County

Start Time

822

SL-FFS

Finish Time

3-00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Site 2
360°
dwyer

digging of culverts along
haul 1-5 x 80m depth 80cm

Records? *no*

WATCHING BRIEF RECORD

SITE CODE *wcm1h*
as

SITE NAME *WC Marble*

DATE 1/17/05

NGR

County

Start Time

8-00

Finish Time

500

Milage

Previous Visit

Visit By

Type of construction work

Contacts made

Archaeology present?

Yes:

NO:

Undated:

Other:

COMMENTS

Sub 2
360°
dmg

- culture digging 1-5 x 30m and
- pipelaying

Records? 20



WATCHING BRIEF RECORD

ccc

SITE CODE *WCH 03*

SITE NAME *W.C. Malone*

DATE *Mon 4/7/05*

NGR

County

Staffs

Start Time

8.00

Finish Time

5.00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

NO

Undated:

Other:

COMMENTS

Records? *no*



WATCHING BRIEF RECORD

SITE CODE *WCMH OS*

SITE NAME *WC mainline*

DATE *Thu 5/7/05*

NGR

County

Suff

Start Time

Finish Time

Milage

Previous Visit

Visit By

Type of construction work

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Rained off

Records?



WATCHING BRIEF RECORD

SITE CODE *WCH 05*SITE NAME *WCH mainline*DATE *Wed 6/7/05* *UC*

NGR

County

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul roads

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

Records? *No*



WATCHING BRIEF RECORD

SITE CODE *wc 03*

SITE NAME *wc mainline*

DATE *Thur 7/7/03*

NGR

County

Suff

Start Time

8-00

Finish Time

5-00

Milage

Previous Visit

Visit By

Type of construction work

haul Roads

Contacts made

Archaeology present?

Yes:

No

Undated:


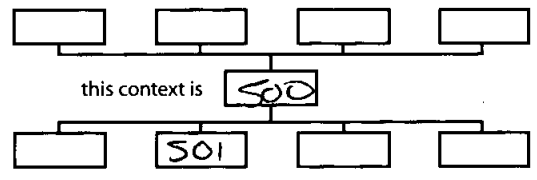
Other:


COMMENTS

Records? *no*



Nat Sandy clay

 Oxford Archaeology		CONTEXT RECORD	Context No. 500 ?
SITE WCMCHOS	ADDITIONAL SHEETS:		TYPE Dep
Trench	Context Type: Deposit / Cut / Structure		Check Lists:
Site sub-div Hand Rd 5	Overlain by:		DEPOSIT: 1. compaction 2. colour 3. composition 4. inclusion 5. thickness 6. extent 7. comments 8. method & conditions
Structure No.	Abutted by:		
Plan No.	Cut by:		
	Filled by:		CUT: 1. shape in plan 2. base/sides/top profile 3. dimension and depth 4. sketch 5. truncation 6. fill nos 7. other comments
Section No.	Same as:		
	Part of:		
Co-Ordinates	Consists of:		MASONRY: 1. materials 2. size of bricks etc 3. finish of stones 4. coursing/bond 5. form 6. faces 7. bond 8. dimensions as found 9. other comments
	Overlies: (501)		
Level	Butts:		
Slide No.	Cuts:		
Neg No.	Fill of:		
Matrix location	Relationships uncertain		
Description (See check lists): 1. Friable 2. Mid-dark orangey brown. 3. Silty loam + sand. 4. Sand <10% Mixed stones rounded, subrounded + angular >20% size 0.05 - 0.26m. 5. varies between 0.32 - 0.49m 6) across site or haul Rd 5. 7) Topsoil / ploughsoil 8) Machine dug.			STRATIGRAPHIC MATRIX <div style="text-align: center;">  </div>
Interpretation/Discussion			
Topsoil / Ploughsoil			
Finds (tick): None[] Pot[] Bone[] Flint[] Stone[] Burnt stone[] Glass[] Metal[] CBM[] Wood[] Leather[]			
<input type="checkbox"/> Small Finds <input type="checkbox"/> Samples <input type="checkbox"/> Building Materials			Recorder J.T Date 22/5/05 Initials

 Oxford Archaeology		CONTEXT RECORD		Context No. 501 ?	
SITE WC MLHOS		ADDITIONAL SHEETS:		TYPE DQP	
Trench		Context Type: Deposit / Cut / Structure		Check Lists:	
Site sub-div Haul Rd 5		Overlain by: 500		DEPOSIT: 1. compaction 2. colour 3. composition 4. inclusion 5. thickness 6. extent 7. comments 8. method & conditions	
Structure No.		Abutted by:			
Plan No.		Cut by:			
		Filled by:			
Section No.		Same as:		CUT: 1. shape in plan 2. base/sides/top profile 3. dimension and depth 4. sketch 5. truncation 6. fill nos 7. other comments	
		Part of:			
Co-Ordinates		Consists of:			
		Overlies:			
Level		Butts:		MASONRY: 1. materials 2. size of bricks etc 3. finish of stones 4. coursing/bond 5. form 6. faces 7. bond 8. dimensions as found 9. other comments	
Slide No.		Cuts:			
Neg No.		Fill of:			
Matrix location		Relationships uncertain			
Description (See check lists):			STRATIGRAPHIC MATRIX <div style="text-align: center; margin-top: 10px;"> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px; text-align: center; font-weight: bold;">500</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> </div> <div style="display: flex; justify-content: center; align-items: center; margin: 5px 0;"> <div style="margin-right: 10px;">this context is</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px; text-align: center; font-weight: bold;">501</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 2px;"></div> </div> </div>		
1. Friable 2. Mid brownish orange (with yellowish patches) 3. Sandy clay. 4. <20% Mixed stones, rounded, subrounded + subangular 0.07m - 0.31m. 5). 6) Across haul Rd 5. 7) Natural sandy clay. 8). Machie dug					
Interpretation/Discussion					
Natural Sandy clay - similar to Nat on other haul Rd's.					
Finds (tick): None <input checked="" type="checkbox"/> Pot <input type="checkbox"/> Bone <input type="checkbox"/> Flint <input type="checkbox"/> Stone <input type="checkbox"/> Burnt stone <input type="checkbox"/> Glass <input type="checkbox"/> Metal <input type="checkbox"/> CBM <input type="checkbox"/> Wood <input type="checkbox"/> Leather <input type="checkbox"/>					
<input type="checkbox"/> Small Finds				Recorder J.T	
<input type="checkbox"/> Samples				Date 28/3/85	
<input type="checkbox"/> Building Materials				Initials	

✓



CONTEXT RECORD

Context No.

502?

SITE WCM4405

ADDITIONAL SHEETS:

TYPE DQD

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div Hand Rd 12

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour
3. composition 4. inclusion
5. thickness 6. extent
7. comments 8. method & conditions

Plan No.

Cut by:

Filled by:

Section No.

Same as:

CUT:

Part of:

1. shape in plan
2. base/side/top profile
3. dimension and depth
4. sketch 5. truncation 6. fill nos 7. other comments

Co-Ordinates

Consists of:

Overlies:

503

MASONRY:

Level

Butts:

1. materials 2. size of bricks etc
3. finish of stones 4. coursing/bond 5. form 6. faces
7. bond 8. dimensions as found
9. other comments

Slide No.

Cuts:

Neg No.

Fill of:

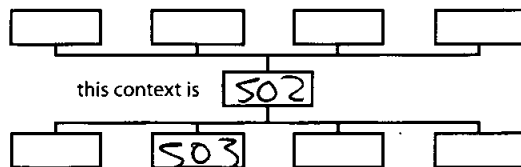
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

1. Tenacious orange
2. Mid clay ~~clay~~ brown
3. Silty loam
4. Mixed stones 0.03 - 0.15m
5. approx 0.31 - 0.47m
6. Across hand Rd 12
7. Topsoil / plough soil 2) Machine dug.



Interpretation/Discussion

Topsoil / plough soil

Finds (tick): None ☐ Pot ☐ Bone ☐ Flint ☐ Stone ☐ Burnt stone ☐ Glass ☐ Metal ☐
CBM ☐ Wood ☐ Leather ☐

☐ Small Finds


Recorder J.T.

☐ Samples

Date 1/4/05

☐ Building Materials

Initials

 Oxford Archaeology		CONTEXT RECORD	Context No. 503
SITE WCMCH05		ADDITIONAL SHEETS:	TYPE Dep
Trench	Context Type: Deposit / Cut / Structure		Check Lists:
Site sub-div Haul Rd 12	Overlain by: 502	DEPOSIT: 1. compaction 2. colour 3. composition 4. inclusion 5. thickness 6. extent 7. comments 8. method & conditions	
Structure No.	Abutted by:		
Plan No.	Cut by:		
	Filled by:	CUT: 1. shape in plan 2. base/sides/top profile 3. dimension and depth 4. sketch 5. truncation 6. fill nos 7. other comments	
Section No.	Same as:		
	Part of:		
Co-Ordinates	Consists of:	MASONRY: 1. materials 2. size of bricks etc 3. finish of stones 4. coursing/bond 5. form 6. faces 7. bond 8. dimensions as found 9. other comments	
	Overlies:		
Level	Butts:		
Slide No.	Cuts:		
Neg No.	Fill of:		
Matrix location	Relationships uncertain		
Description (See check lists):		STRATIGRAPHIC MATRIX	
1. Fridge. 2. Mid brownish orange. 3. Sandy clay. 4. >15% mixed stones, rounded + angular 0.08-0.20m 6. Across haul Rd 12 7) Nat Sandy clay. 8. Machine dug.		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px; text-align: center;">502</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> </div> <div style="text-align: center; margin: 5px 0;"> this context is 503 </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px;"></div> </div>	
Interpretation/Discussion			
Nat sandy clay			
Finds (tick): None <input type="checkbox"/> Pot <input type="checkbox"/> Bone <input type="checkbox"/> Flint <input type="checkbox"/> Stone <input type="checkbox"/> Burnt stone <input type="checkbox"/> Glass <input type="checkbox"/> Metal <input type="checkbox"/> CBM <input type="checkbox"/> Wood <input type="checkbox"/> Leather <input type="checkbox"/>			
<input type="checkbox"/> Small Finds		Recorder J.7 Date 1/4/05	
<input type="checkbox"/> Samples			
<input type="checkbox"/> Building Materials		Initials	

West Coast Main Line, TV4, Watching Brief on Haul
ROAD
WOMCH 05

Box 1 File 4

B. PRIMARY DRAWINGS

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

Classification of material

Tick if
present

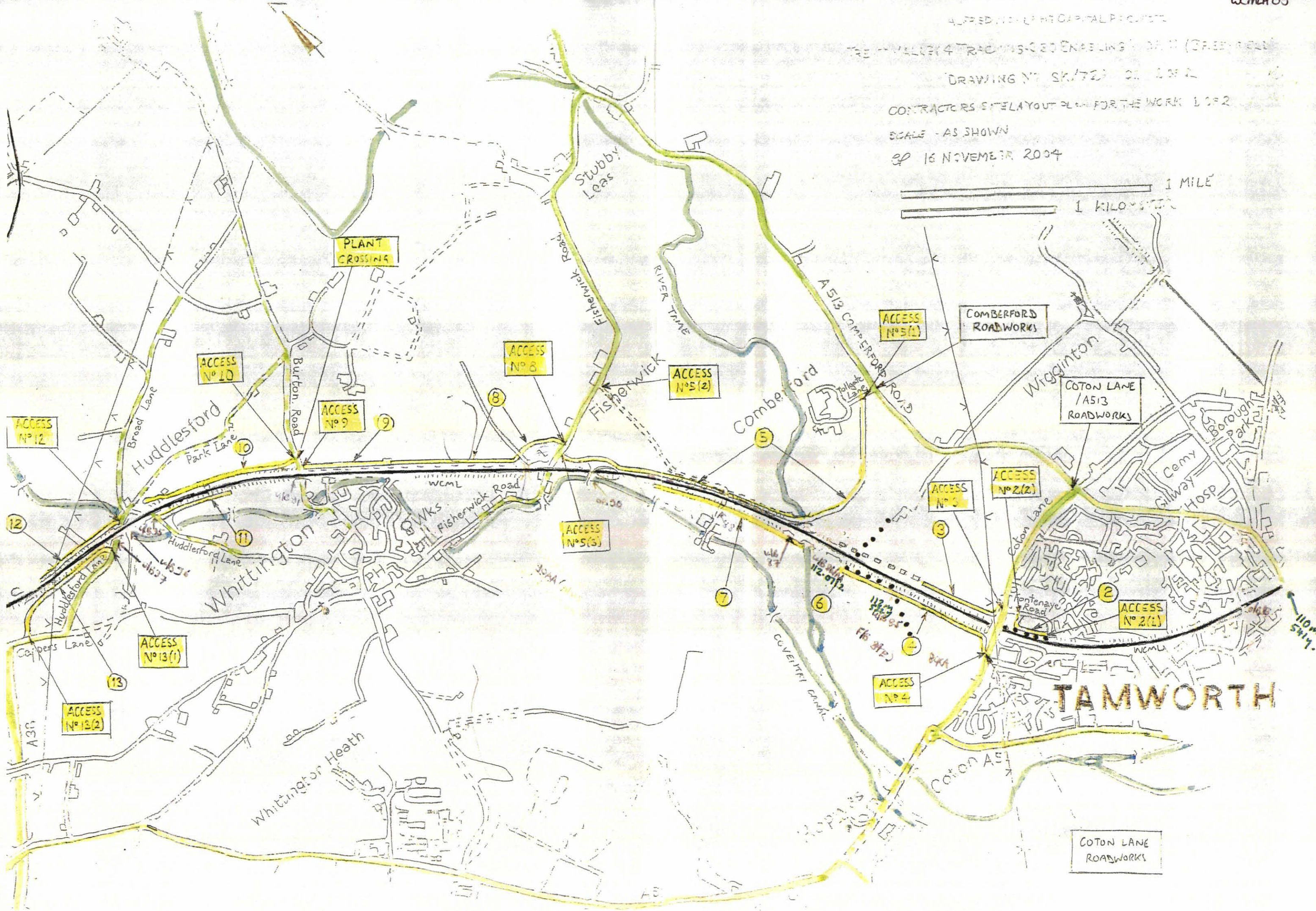
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	<input checked="" type="checkbox"/>
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	

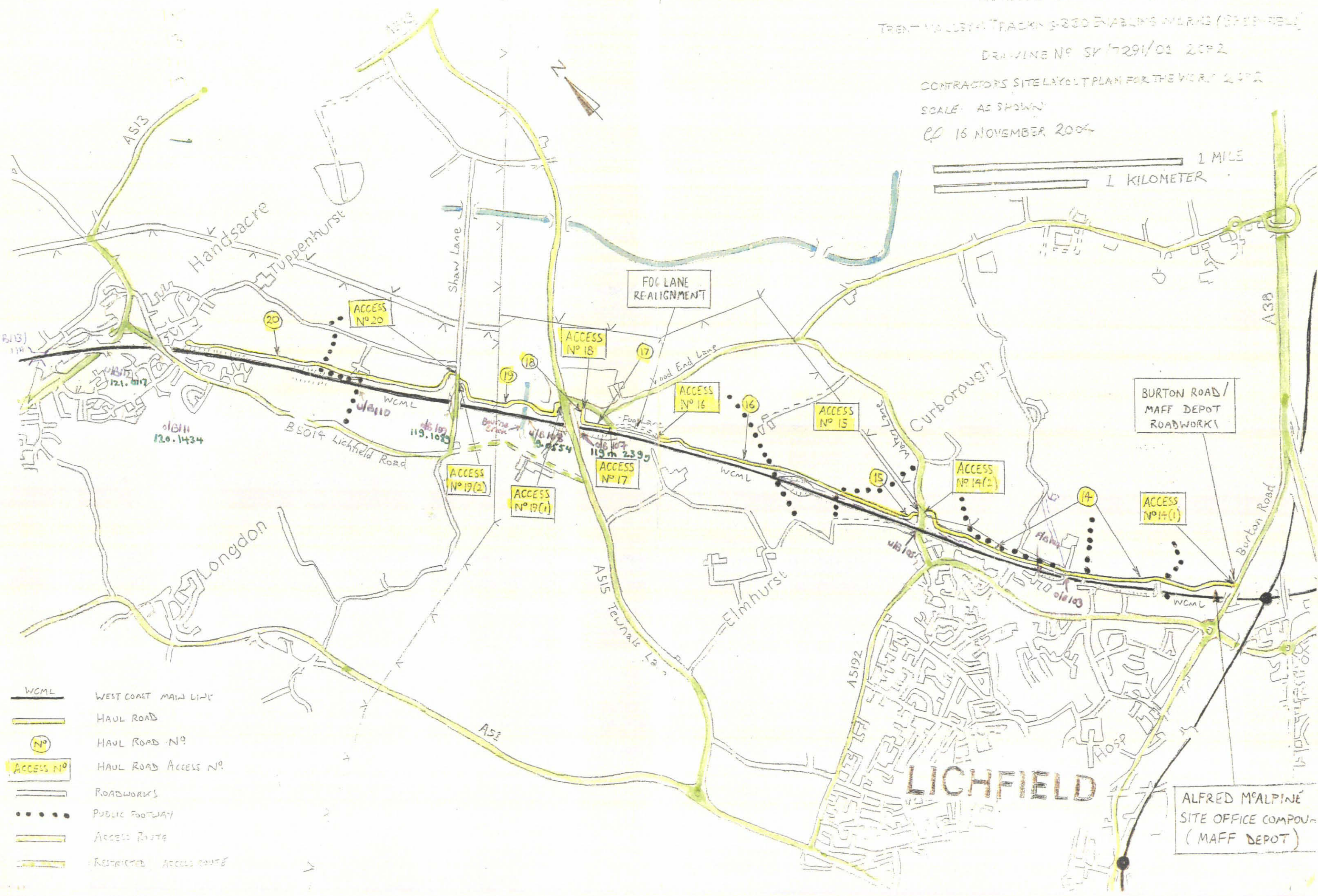
The following items have been included within this archive as they are an integral part of the project information. Permission was granted for the use of these documents within the project, however anyone wishing to reproduce these items for any reason will need to contact the appropriate copyright holder listed below

Developers plan showing haul road & site access locations: © Alfred McAlpine Capital Projects

Annotated developers plan showing watching brief sites: © Alfred McAlpine Capital Projects

Annotated developers plans showing the watching brief progress: © Network Rail





FOURTH AVENUE - W.B. CENTRAL SIDE

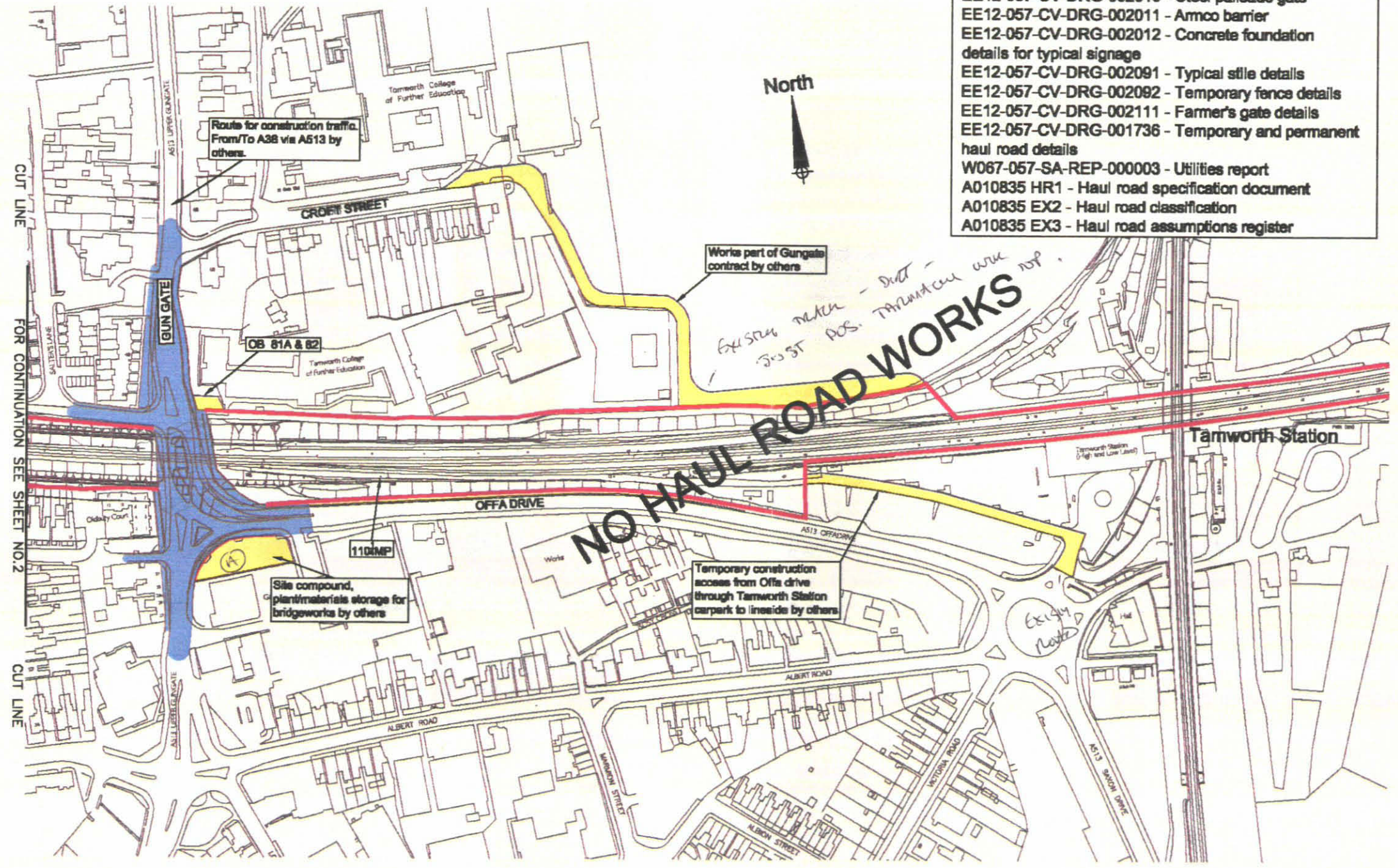
(CITY SPARK) - JUNE 05 WCM/HS

DO NOT SCALE

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
© Crown Copyright Network Rail
Licence Number: ALD50774-A001

Notes:
1. There are no haul road works on this drawing
2. For specific details refer to:
EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel palisade fence
EE12-057-CV-DRG-002010 - Steel palisade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
EE12-057-CV-DRG-002091 - Typical stile details
EE12-057-CV-DRG-002092 - Temporary fence details
EE12-057-CV-DRG-002111 - Farmer's gate details
EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
W067-057-SA-REP-000003 - Utilities report
A010835 HR1 - Haul road specification document
A010835 EX2 - Haul road classification
A010835 EX3 - Haul road assumptions register

- Key**
- Short term / low spec. haul roads
 - Long term/ high spec. haul roads
 - Haul roads / Permanent access
 - Permanent Land Take
 - Temporary Land Take
 - Existing / Proposed access to be used (works by others)
 - Existing Railway Boundary
 - Fencing
 - Signage and/or traffic lights
 - Haul road classification
 - Existing access Track



① GUNGATE compound - Existing Tamworth Jct - Storage - NO Culvert works

ORDER 2 SITE 2

Project Manager: K Leitch Email: k.leitch@scottwilson.com Telephone: +44 (0)141 335 2301 Project No: A010835 ELR/ Mileage: LEC2 Scale: 1:2500 Dwn: W.J. Miller Date: 26 April 04			P04 11/08 Updated as per NR's comments MM NM KL P03 22/07 Updated as per NR's comments MM CJ KL P02 08/07 Updated as per NR's comments AL CJ KL Rev Date Description Dm Chk App Issue Status: FOR APPROVAL Drawing No: EE12-057-CV-DRG-002020 Revision: P04			Drawing Title WEST COAST ROUTE MODERNISATION TRENT VALLEY 4-TRACKING RESIGNALLING AND REMODELLING HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT SHEET 1 OF 27		Client Network Rail West Coast Route Modernisation		Scott Wilson Railways Ltd. Western House 1 Holbrook Way Swindon SN1 1BY Telephone 01793 515943 Fax 01793 515844 www.scottwilson.com	
---	--	--	--	--	--	---	--	---	--	---	--

All changes to this CAD generated drawing MUST be made via the master CAD file.

(A3) 420x297 Railways

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
© Crown Copyright Network Rail
Licence Number: ALD50774A001

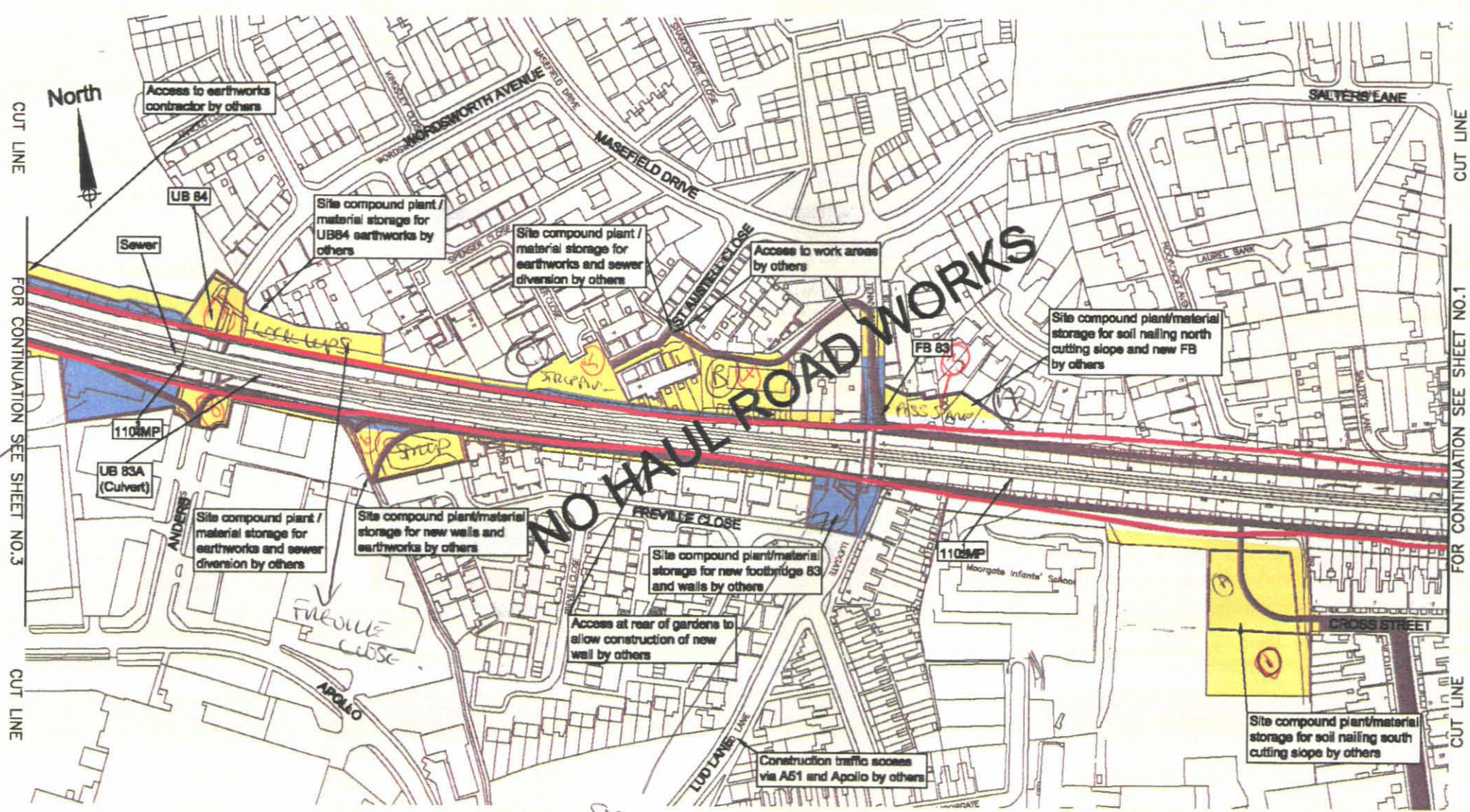
Notes:

1. There are no haul road works on this drawing
2. For specific details refer to:
EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel palisade fence
EE12-057-CV-DRG-002010 - Steel palisade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage

- EE12-057-CV-DRG-002091 - Typical stile details
EE12-057-CV-DRG-002092 - Temporary fence details
EE12-057-CV-DRG-002111 - Farmer's gate details
EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
W067-057-SA-REP-000003 - Utilities report
A010835 HR1 - Haul road specification document
A010835 EX2 - Haul road classification
A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term/ high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Project Manager: K Latch	P04 11/08 Updated as per NR's comments	MM NM KL
Email: k.latch@scotwilson.com	P03 22/07 Updated as per NR's comments	MM CJ KL
Telephone: +44 (0)141 335 2301	P02 08/07 Updated as per NR's comments	AL CJ KL
Project No: A010835	Rev Date Description Dm Chk App	
ELRV Mileage: LEC2	Issue Status:	
Scale: 1:2500	FOR APPROVAL	
Drawn: W.J.Miller	Checked: C. Johnston	Appd: K. Latch
Date: 26 April 04	Date: 17 June 04	Date: 17 June 04
	Drawing No: EE12-057-CV-DRG-002021	Revision: P04

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 2 OF 27**



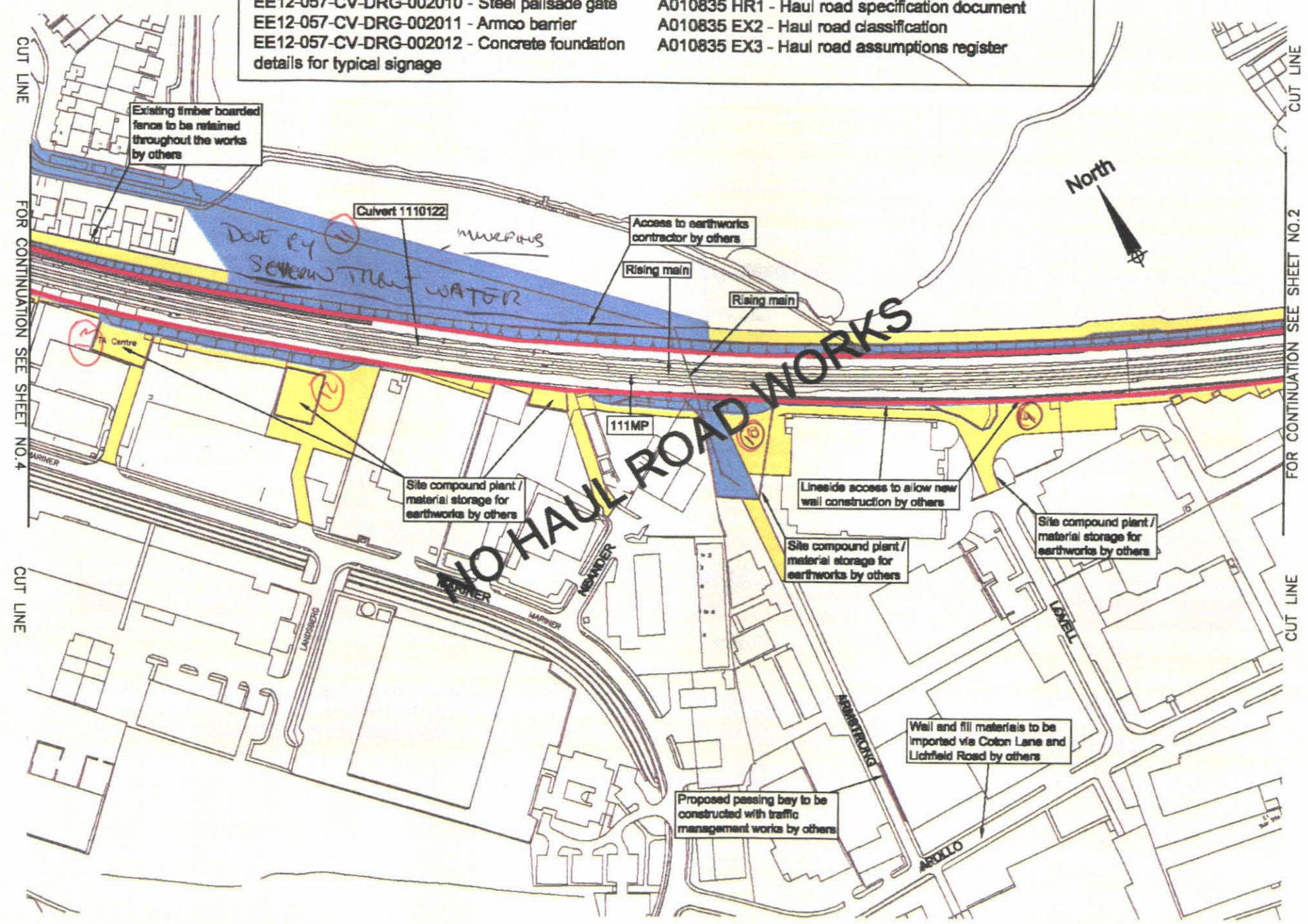
Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scotwilson.com



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
© Crown Copyright Network Rail
Licence Number: ALD50774A001

- Notes:**
- There are no haul road works on this drawing
 - For specific details refer to:
 EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
- EE12-057-CV-DRG-002091 - Typical stile details
 EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

- Key**
- Short term / low spec. haul roads
 - Long term/ high spec. haul roads
 - Haul roads / Permanent access
 - Permanent Land Take
 - Temporary Land Take
 - Existing / Proposed access to be used (works by others)
 - Existing Railway Boundary
 - Fencing
 - Signage and/or traffic lights
 - Haul road classification
 - Existing access Track



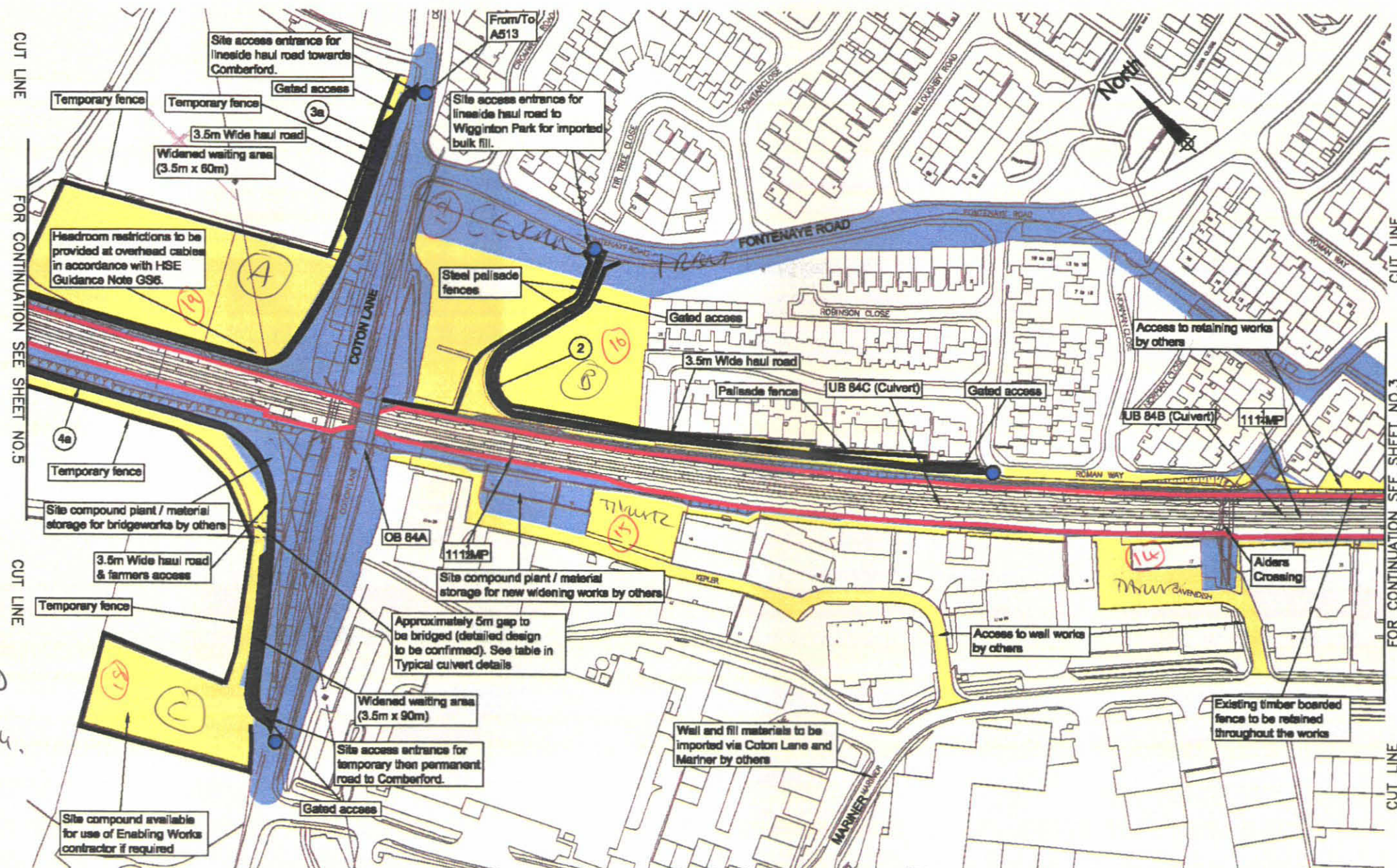
ALL EXISTING MAINT - NO IMPROVEMENTS

Project Manager: K Leitch		P04	11/08	Updated as per NR's comments	MM	MM	KL	Drawing Title WEST COAST ROUTE MODERNISATION TRENT VALLEY 4-TRACKING RESIGNALLING AND REMODELLING HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT SHEET 3 OF 27	Client Network Rail West Coast Route Modernisation	Scott Wilson Railways Ltd. Western House 1 Holbrook Way Swindon SN1 1BY Telephone 01793 515943 Fax 01793 515844 www.scottwilson.com	
Email: k.leitch@scottwilson.com		P03	22/07	Updated as per NR's comments	MM	CJ	KL				
Telephone: +44 (0)141 335 2301		P02	08/07	Updated as per NR's comments	AL	CJ	KL				
Project No: A010835		Rev	Date	Description	Dm	Chk	App				
ELRV Mileage: LEC2		Issue Status: FOR APPROVAL									
Scale: 1:2500		Drawing No: EE12-057-CV-DRG-002022							Revision P04		
Dwn: W.J.Miller Date: 26 April 04		Chkd: C. Johnston Date: 17 June 04		Appd: K. Leitch Date: 17 June 04							

All changes to this CAD generated drawing MUST be made via the master CAD file.

Key

- Short term / low spec. haul roads
- Long term/ high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- No. Haul road classification
- Existing access Track



Notes:

1. For specific details refer to:

- EE12-057-CV-DRG-002007 - Typical culvert details
- EE12-057-CV-DRG-002009 - Steel palisade fence
- EE12-057-CV-DRG-002010 - Steel palisade gate
- EE12-057-CV-DRG-002011 - Arcmo Barrier

EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage

EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details

W067-057-SA-REP-000003 - Utilities report

A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

Project Manager: K Litch

Email: k.litch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELR/ Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller

Date: 26 April 04

Chkd: C. Johnston

Date: 17 June 04

Appd: K. Litch

Date: 17 June 04

P05	10/08	Updated as per NR's comments	AL	NM	KL
P04	27/07	Fence updated and NR's comments	MM	SM	KL
P03	20/07	Updated as per NR's comments	MM	SM	KL
P02	06/07	Updated as per NR's comments	AL	CJ	KL

Rev Date Description Dm Chk App

Issue Status: FOR APPROVAL

Drawing No: EE12-057-CV-DRG-002023

Revision: P05

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 4 OF 27**

Client

Network Rail



West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
© Crown Copyright Network Rail
Licence Number: ALD58774A001

Notes:

1. Contractor to provide rate (based on 1m x 1m x 0.15m) for repairing potholes, to be remeasured on agreement with employer's representative.

2. Contractor to provide rate per linear metre to repair fence. Areas to be repaired to be agreed with employer's representative.

3. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel pallsade fence
EE12-057-CV-DRG-002010 - Steel pallsade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-002111 - Farmer's gate details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details

W067-057-SA-REP-000003 - Utilities report

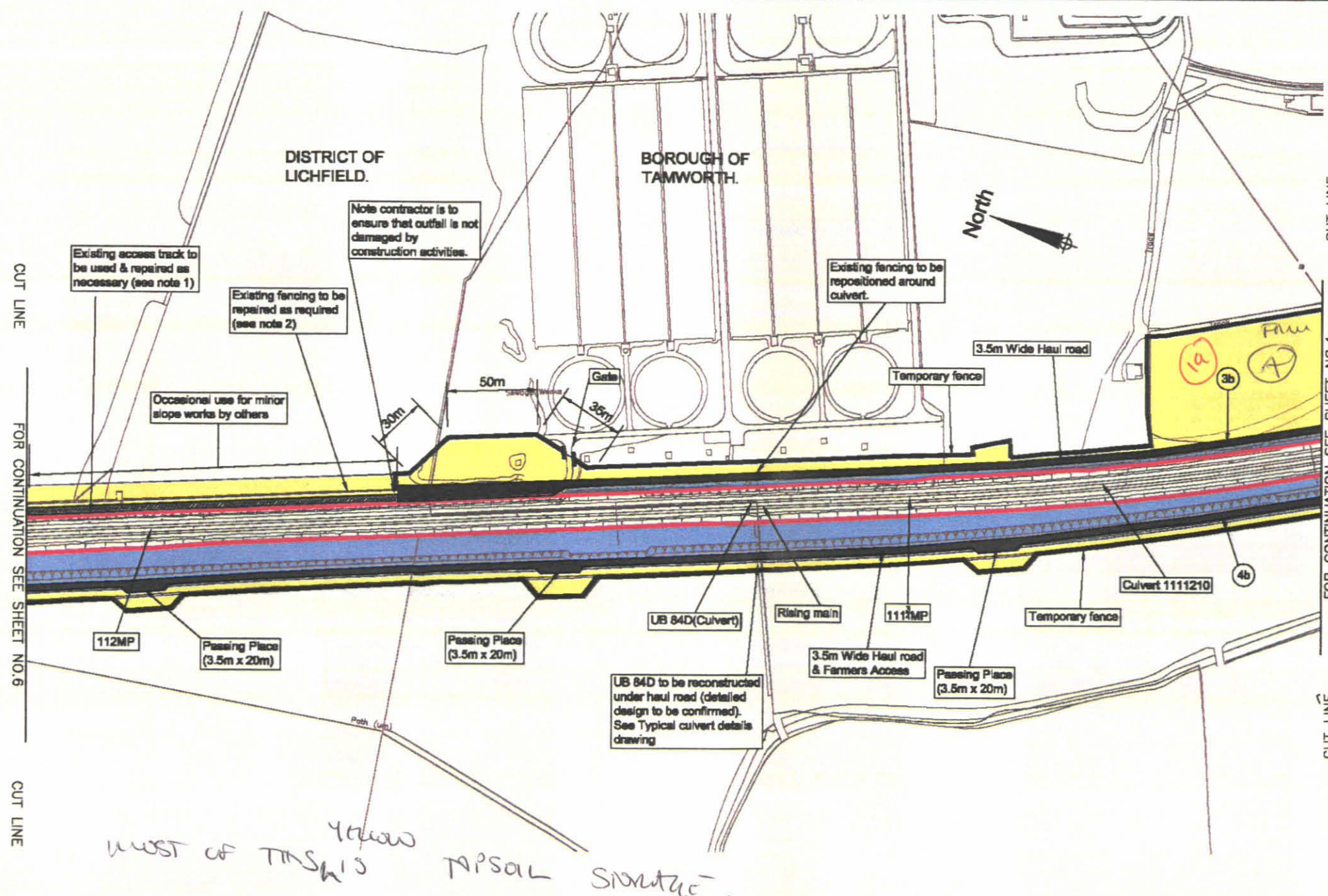
A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term/ high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Project Manager: K Leitch

Email: kan.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELRV Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller Chkd: C. Johnson Appd: K. Leitch

Date: 26 April 04 Date: 17 June 04 Date: 17 June 04

P05	10/06	Updated as per NR's comments	AL	NM	KL
P04	05/06	Updated as per NR's comments	MM	SM	KL
P03	20/07	Updated as per NR's comments	MM	SM	KL
P02	06/07	Updated as per NR's comments	AL	CJ	KL
Rev	Date	Description	Dm	Chk	App
Issue Status: FOR APPROVAL					
Drawing No: EE12-057-CV-DRG-002024					
Revision: P05					

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 5 OF 27**

Client

Network Rail
West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com

**Scott
Wilson**

Notes:












1. Contractor to provide rate (based on 1m x 1m x 0.15m) for repairing potholes, to be remeasured on agreement with employer's representative.
2. Contractor to provide rate per linear metre to repair fence. Areas to be repaired to be agreed with employer's representative.
3. For specific details refer to:
 EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details
 EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-002093 - Proposed flood relief culverts through haul road
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 EE12-057-CV-DRG-002062 - Diversion of channel south of River Tame
 EE12-057-CV-DRG-002109 - Temporary bridge over River Tame - Haul Road embankments
 W067-057-SA-REP-000005 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register
3. Contractor is to inspect the existing boundary fence and recommend such repairs as are required to ensure a secure boundary can be maintained throughout the duration of the works.

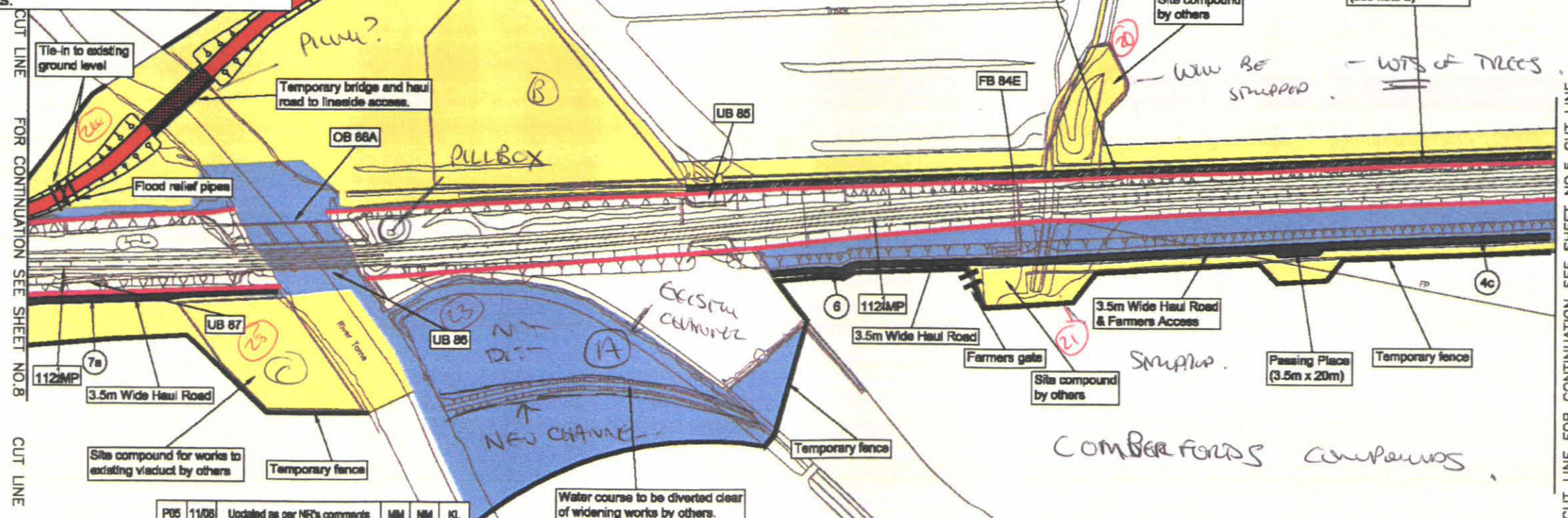
CUT LINE FOR CONTINUATION SEE SHEET NO.7

CUT LINE

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Key

- | | | | |
|---|-----------------------------------|---|---|
|  | Temporary Land Take |  | Existing / Proposed access to be used (works by others) |
|  | Short term / low spec. haul roads |  | Existing Railway Boundary |
|  | Long term / high spec. haul roads |  | Fencing |
|  | Haul roads / Permanent access |  | Signage and/or traffic lights |
|  | Permanent Land Take |  | Haul road classification |
|  | Existing access Track | | |

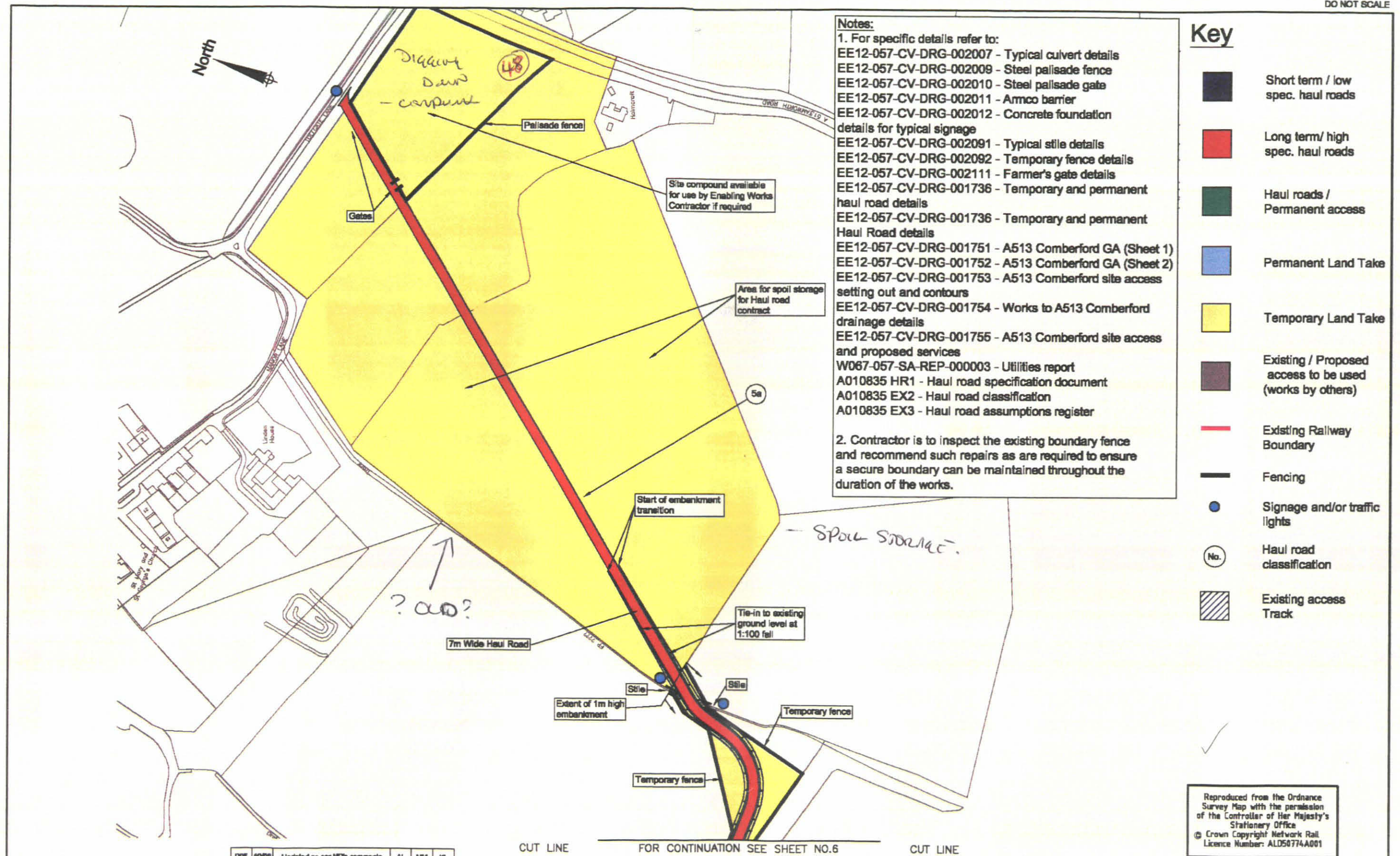


Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 6 OF 27**

Client
Network Rail
 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com





Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch

Email: ian.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELRV Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller

Chk: C. Johnson

App: K Leitch

Date: 15 June 04

Date: 17 June 04

Date: 17 June 04

P05	10/08	Updated as per NR's comments	AL	NM	KL
P04	06/08	Updated as per NR's comments	MM	SM	KL
P03	22/07	Updated as per NR's comments	MM	SM	KL
P02	08/07	Updated as per NR's comments	AL	CJ	KL
Rev	Date	Description	Dm	Chk	App
Issue Status:					
FOR APPROVAL					
Drawing No: EE12-057-CV-DRG-002048					
Revision: P05					

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 7 OF 27**

Client

Network Rail
West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com

**Scott
Wilson**

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
© Crown Copyright Network Rail
Licence Number: ALD50774A001












Notes:

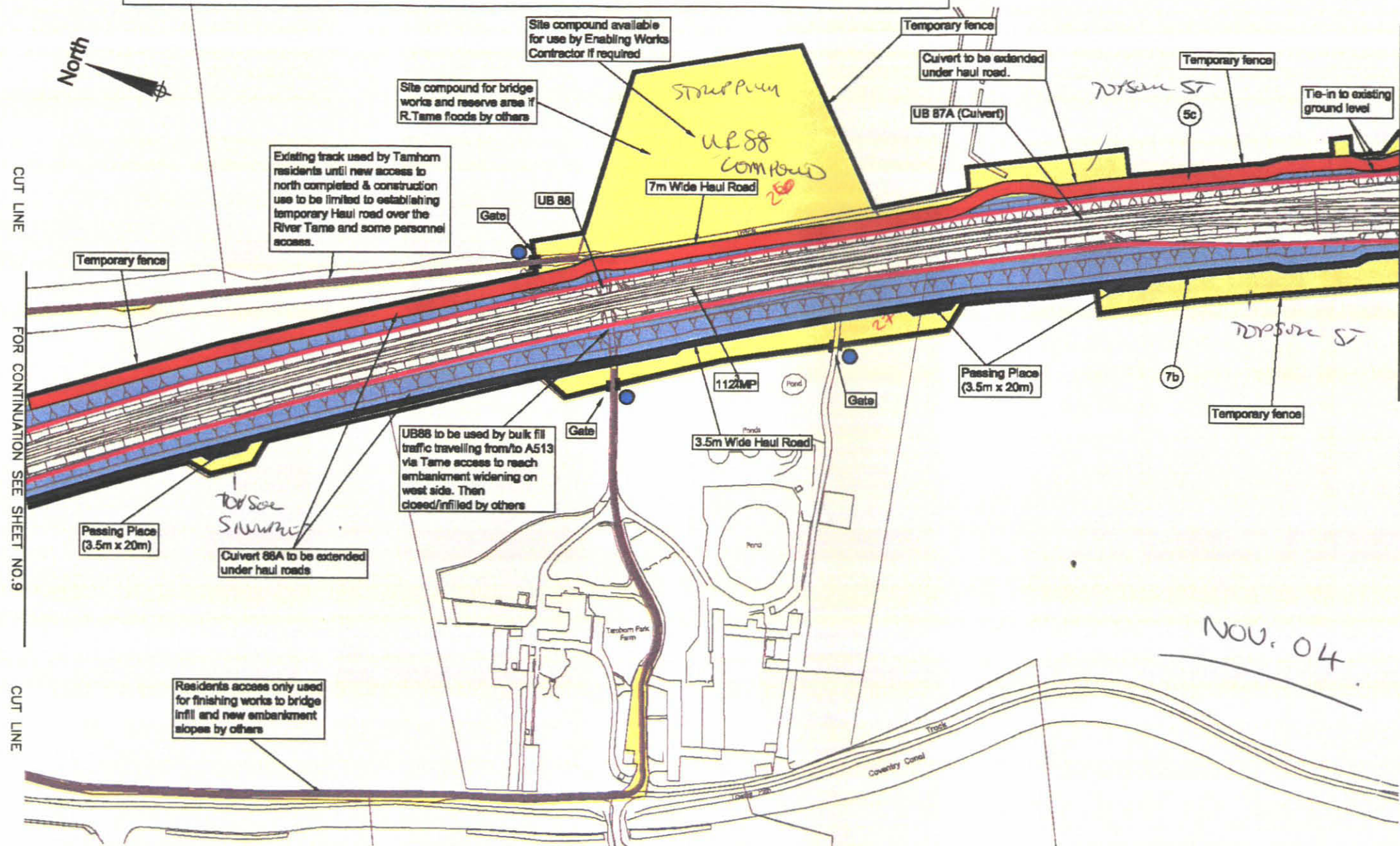
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel palisade fence
EE12-057-CV-DRG-002010 - Steel palisade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
EE12-057-CV-DRG-002111 - Farmer's gate details
EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
W067-057-SA-REP-000003 - Utilities report
A010835 HR1 - Haul road specification document
A010835 EX2 - Haul road classification
A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term/ high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Project Manager: K. Leitch

Email: kan.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELRV Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller

Chkd: C. Johnston

Appd: K. Leitch

Date: 26 April 04

Date: 17 June 04

Date: 17 June 04

P05	10/08	Updated as per NR's comments	AL	NM	KL
P04	05/08	Updated as per NR's comments	MM	SM	KL
P03	20/07	Updated as per NR's comments	MM	SM	KL
P02	08/07	Updated as per NR's comments	AL	CJ	KL
Rev	Date	Description	Dwn	Chk	App

Issue Status:

FOR APPROVAL

Drawing No: EE12-057-CV-DRG-002026
Revision: P05

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 8 OF 27**

Client

Network Rail
West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com

**Scott
Wilson**

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
© Crown Copyright Network Rail
Licence Number: ALD50774A001












Notes:

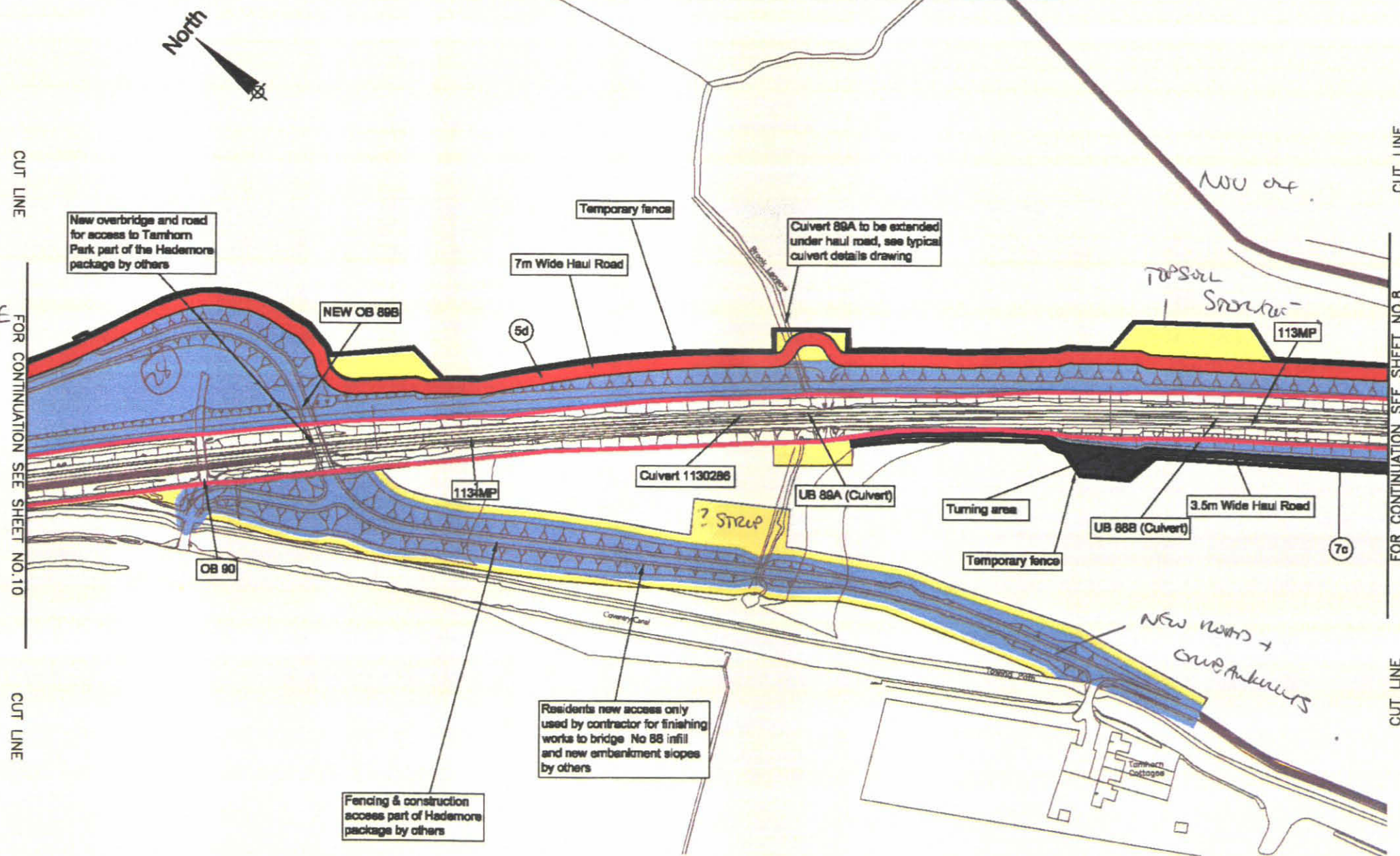
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel palisade fence
EE12-057-CV-DRG-002010 - Steel palisade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
EE12-057-CV-DRG-002111 - Farmer's gate details
EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
W067-057-SA-REP-000003 - Utilities report
A010835 HR1 - Haul road specification document
A010835 EX2 - Haul road classification
A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term / high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Project Manager: K. Leitch	P04	11/08	Updated as per NLR's comments	MM	NM	KL
Email: k.leitch@scottwilson.com	P03	21/07	Updated as per NLR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02	06/07	Updated as per NLR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Dm	Chk	App
ELRV Mileage: LEC2	Issue Status:					
Scale: 1:2500	FOR APPROVAL					
Dwn: W.J. Miller	Chkd: C. Johnston	Appd: K. Leitch	Drawing No:	Revision		
Date: 26 April 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002027	P04		

Drawing Title
**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 9 OF 27**

Client

Network Rail
West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com



OCT 05.

DO NOT SCALE

Notes:

1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details

EE12-057-CV-DRG-002009 - Steel palisade fence

EE12-057-CV-DRG-002010 - Steel palisade gate

EE12-057-CV-DRG-002011 - Armco barrier

EE12-057-CV-DRG-002012 - Concrete foundation

details for typical signage

EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-002111 - Farmer's gate details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details

W067-057-SA-REP-000003 - Utilities report

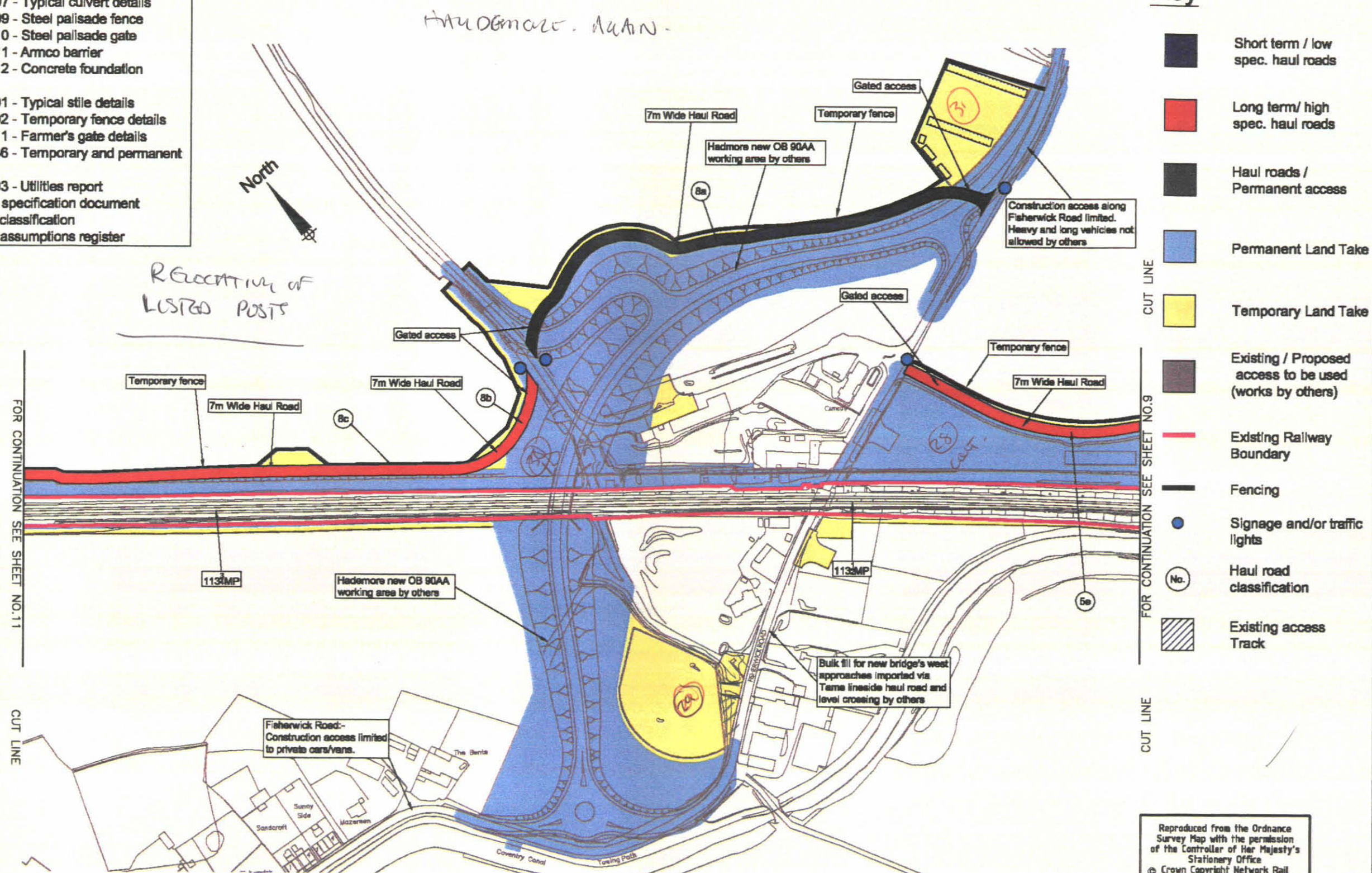
A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term/ high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K. Letch

Email: k.letch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELR/ Mileage: LEC2

Scale: 1:2500

Drawn: W.J. Miller

Chkd: C. Johnston

Appd: K. Letch

Date: 26 April 04

Date: 17 June 04

Date: 17 June 04

P05	10/08	Updated as per NR's comments	AL	NM	KL
P04	05/06	Updated as per NR's comments	MM	SM	KL
P03	23/07	Updated as per NR's comments	MM	CJ	KL
P02	06/07	Updated as per NR's comments	AL	CJ	KL
Rev	Date	Description	Dm	Chk	App

Issue Status:

FOR APPROVAL

Drawing No:

EE12-057-CV-DRG-002028

Revision:

P05

Drawing Title

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 10 OF 27**

Client

Network Rail












 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

All changes to this CAD generated drawing MUST be made via the master CAD file.

Key

-  Short term / low spec. haul roads
-  Long term/ high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track

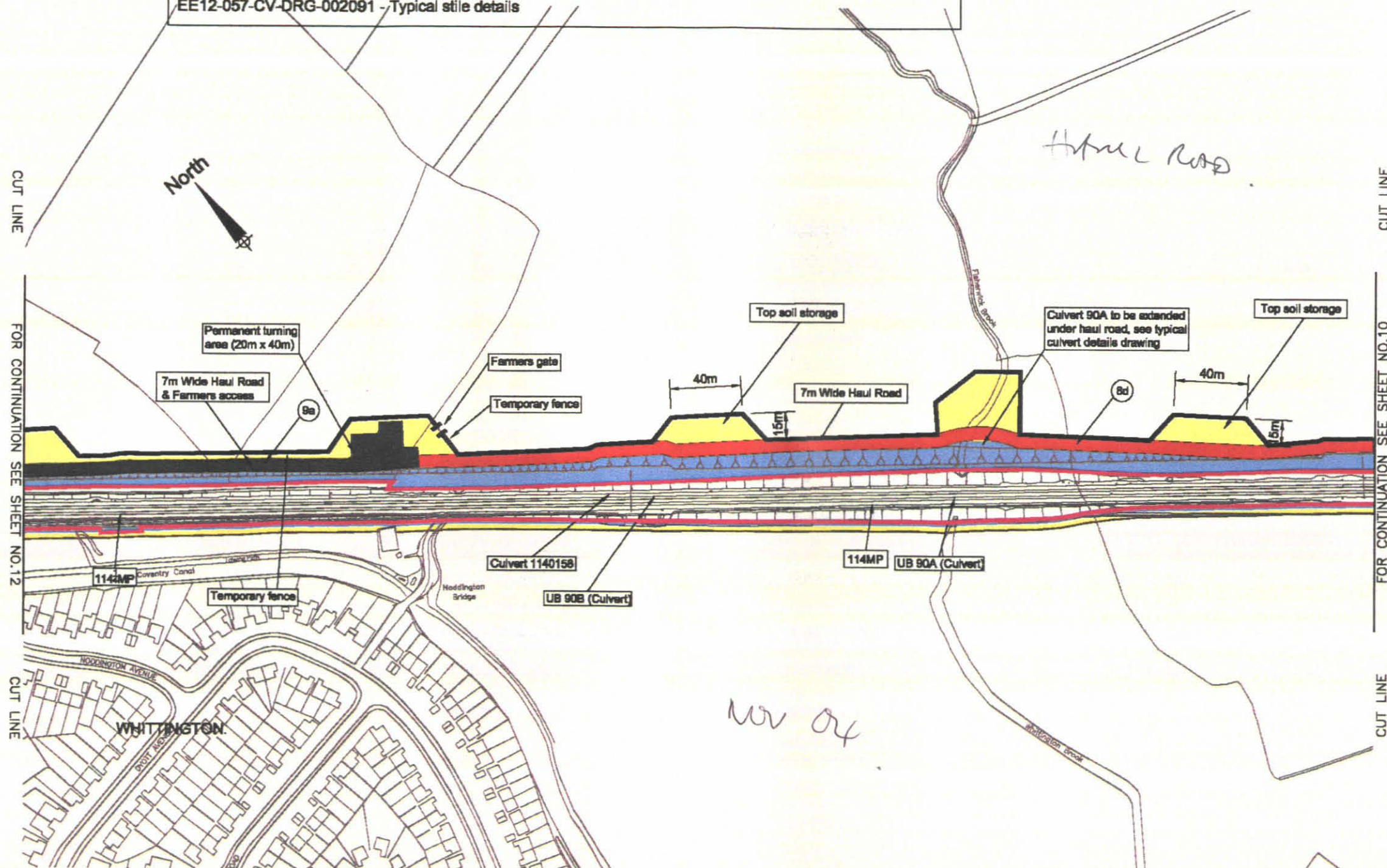
Notes:

1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Amco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001



Project Manager: K. Leitch	P04	10/08	Updated as per NR's comments	AL	NM	KL
Email: ken.leitch@scottwilson.com	P03	21/07	Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02	08/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Dm	Chk	App
ELRV Mileage: LEC2	Issue Status:					
Scale: 1:2500	FOR APPROVAL					
Dwn: W.J. Miller	Chkd: C. Johnson	Appd: K. Leitch	Drawing No:	Revision		
Date: 26 April 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002029	P04		

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 11 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com














Notes:

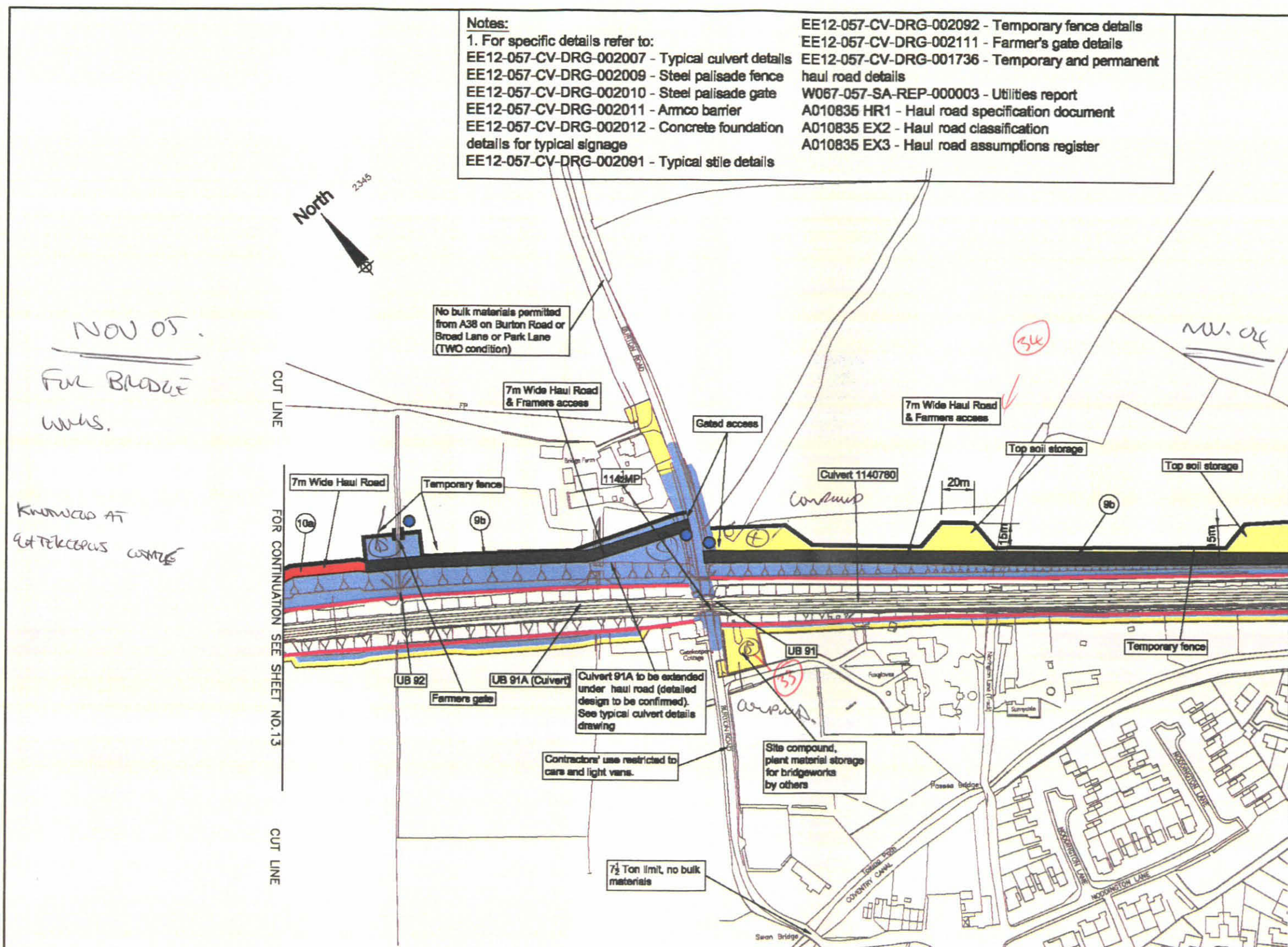
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term/ high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P04	10/08	Updated as per NR's comments	AL	NM	KL
Email: ken.leitch@scottwilson.com	P03	19/07	Updated as per NR's comments	NM	SM	KL
Telephone: +44 (0)141 335 2301	P02	08/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Dm	Chk	App
ELRV Mileage: LEC2	Issue Status: FOR APPROVAL					
Scale: 1:2500	Drawing No: EE12-057-CV-DRG-002030					
Drawn: W.J. Miller	Chkd: C. Johnston	Appd: K. Leitch	Revision: P04			
Date: 28 April 04	Date: 17 June 04	Date: 17 June 04				

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 12 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**












Notes:

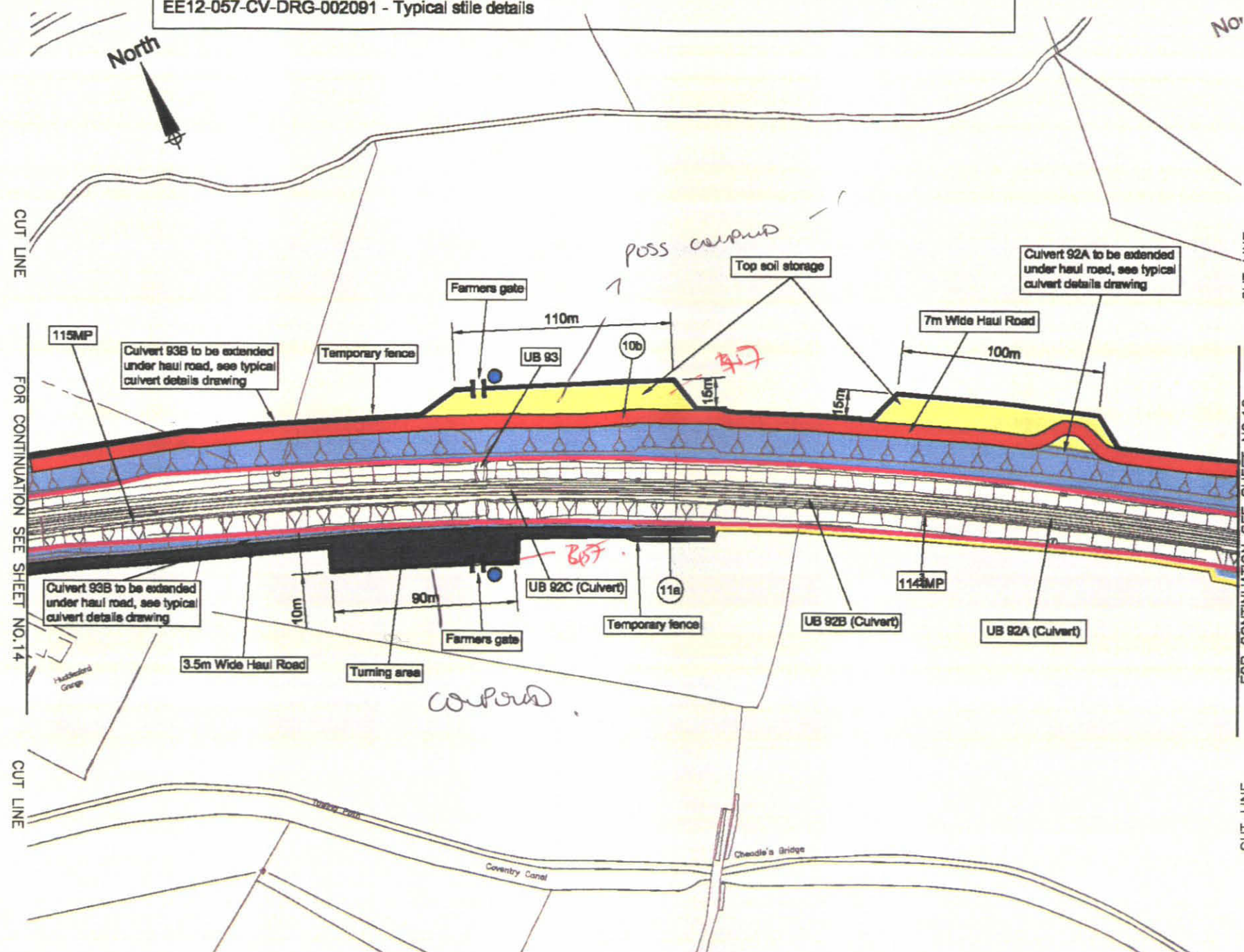
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term/ high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P04	11/06	Updated as per NR's comments	MM	SM	KL
Email: k.leitch@scottwilson.com	P03	21/07	Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02	08/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Drn	Chk	App
ELRV Mileage: LEC2	FOR APPROVAL					
Scale: 1:2500	Drawing No: EE12-057-CV-DRG-002031					
Drawn: W.J. Miller	Chief: C. Johnson	Appd: K. Leitch	Revision			
Date: 28 April 04	Date: 17 June 04	Date: 17 June 04	P04			

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 13 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



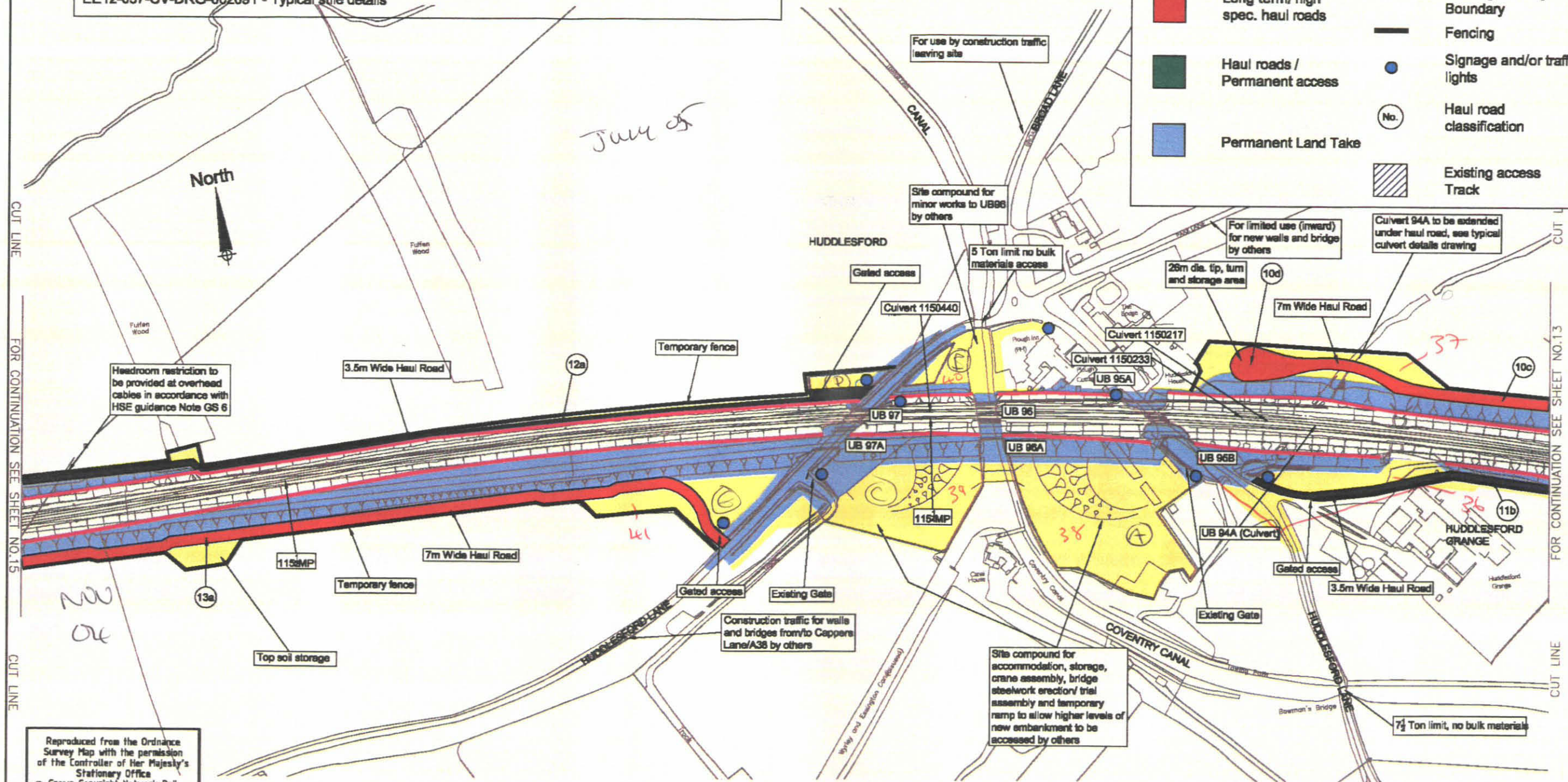
Notes:

1. For specific details refer to:
 EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- Temporary Land Take
- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD58774A001

Project Manager: K Leitch	P05 11/06 Updated as per NR's comments	MM	NM	KL
Email: k.leitch@scottwilson.com	P04 05/06 Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P03 19/07 Updated as per NR's comments	MM	SM	KL
Project No: A010835	P02 08/07 Updated as per NR's comments	AL	CJ	KL
ELR/ Mileage: LEC2	Rev Date Description Dm Chk App			
Scale: 1:2500	Issue Status:			
Dwn: W.J. Miller	FOR APPROVAL			
Chkd: C. Johnston	Drawing No:			
Appd: K. Leitch	EE12-057-CV-DRG-002032			
Date: 26 April 04	Revision			
Date: 17 June 04	P05			
Date: 17 June 04				

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 14 OF 27**

Client

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



Notes:

- For specific details refer to:
 EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details
 EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register
 A010835NS4 - Hardstanding specification

Legend:

- Long term / high spec. haul roads
- Haul roads / Permanent access
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Existing access Track

Handwritten Notes:

- A38 SITE
- August 05
- CUT LINE FOR CONTINUATION SEE SHEET NO.14

			P05	10/08	Updated as per NR's comments	AL	NM	KL
Project Manager: K.Letch			P04	06/08	Updated as per NR's comments	MM	SM	KL
Email: kan.letch@mothaarson.com			P03	21/07	Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301			P02	08/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835			Rev	Date	Description	Dim	Chk	App
ELV Mileage: LEC2			Issue Status:					
Scale: 1:2500			FOR APPROVAL					
Dwnr: W.J. Miller	Chief: C. Johnston	Appd: K. Letch	Drawing No:			Revision		
Date: 26 April 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002033			P05		

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 15 OF 27**

Client

Network Rail



West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com



Scott
Wilson

Notes:

1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details
 EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities Report

A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

2. For specific details of MAFF depot and Burton Road works refer to:

EE12-057-CV-GAD-002108 - Haul Road through Maff Depot
 EE12-057-CV-DRG-001745 - Works to A5127 Burton Road General arrangement
 EE12-057-CV-DRG-001747 - Works to A5127 Burton Road Setting out and drainage
 EE12-057-CV-DRG-001748 - Works to A5127 Burton Road Cross Sections

EE12-057-CV-DRG-001749 - Works to A5127 Burton Road Existing and Proposed Services

EE12-057-CV-DRG-001750 - Works to A5127 Burton Road General arrangement

EE12-057-CV-DRG-001751 - Works to A5127 Burton Road Construction Details













EE12-057-CV-BDD-001535/LE01 - Lighting and Electrical Layout Phase 1

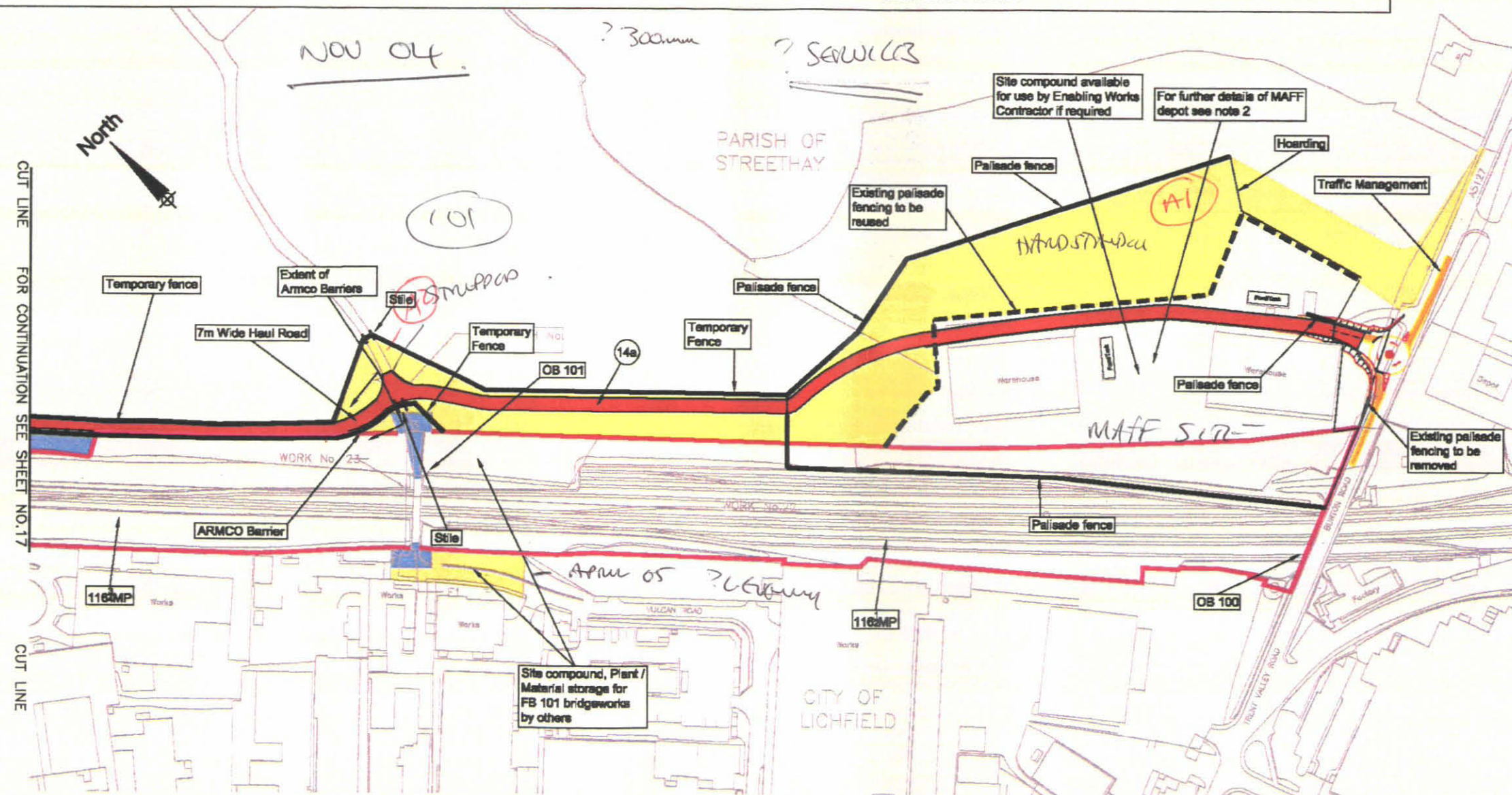
EE12-057-CV-BDD-001535/LE02 - Lighting and Electrical Layout Phase 1

EE12-057-CV-BDD-001535/LE03 - Lighting and Electrical Site Clearance Phase 1

EE12-057-CV-BDD-001535/LE04 - Lighting and Electrical Site Clearance Phase 1

Key

-  Short term / low spec. haul roads
-  Long term / high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track
-  Existing palisade fencing



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P05 10/08 Updated as per NR's comments	AL	NM	KL
Email: k.leitch@scottwilson.com	P04 06/08 Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P03 23/07 Updated as per NR's comments	MM	CJ	KL
Project No: A010835	P02 06/07 Updated as per NR's comments	AL	CJ	KL
ELRV Mileage: LEC2	Rev Date Description Dm Chk App			
Scale: 1:2500	Issue Status: FOR APPROVAL			
Drawn: W.J. Miller	Drawn No: EE12-057-CV-DRG-002035			
Check: N. Moody	Revision: P05			
Appd: K. Leitch				
Date: 12 May 04				
Date: 17 June 04				
Date: 17 June 04				

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKS
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 16 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

SWR(S)

DO NOT SCALE

Notes:

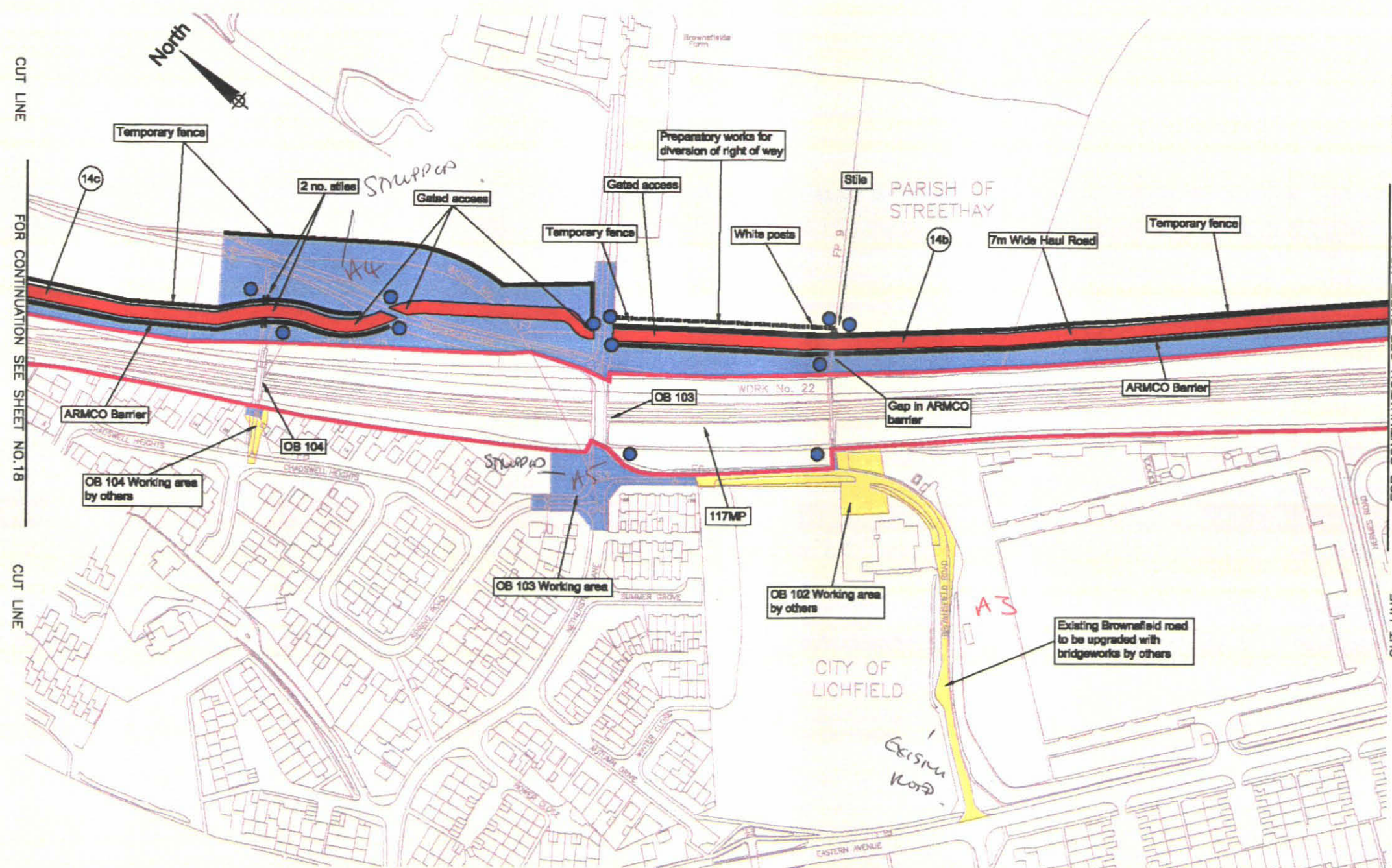
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774 A001

Project Manager: K Leitch

Email: k.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELR/ Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller

Date: 12 May 04

Chd: N. Moody

Date: 17 June 04

Appd: K. Leitch

Date: 17 June 04

P05	10/08	Updated as per NR's comments	AL	NM	KL
P04	05/08	Updated as per NR's comments	MM	SM	KL
P03	21/07	Updated as per NR's comments	MM	SM	KL
P02	08/07	Updated as per NR's comments	AL	CJ	KL
Rev	Date	Description	Dm	Chk	App
Issue Status:					
FOR APPROVAL					
Drawing No: EE12-057-CV-DRG-002036					
Revision: P05					

Drawing Title

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 17 OF 27**

Client

Network Rail
 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

All changes to this CAD generated drawing MUST be made via the master CAD file.

(A3) 420x297 Railways












Notes:

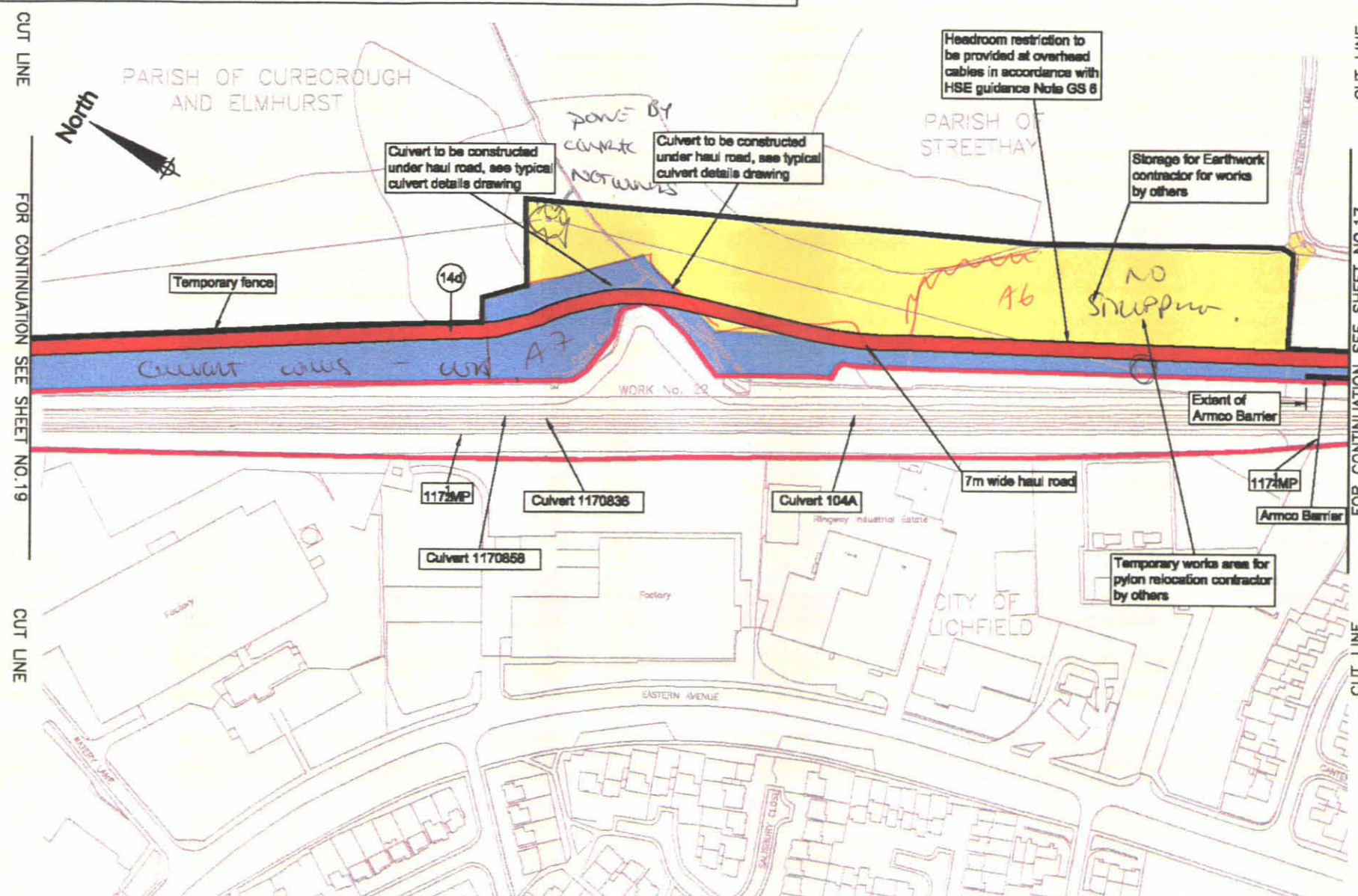
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
EE12-057-CV-DRG-002009 - Steel palisade fence
EE12-057-CV-DRG-002010 - Steel palisade gate
EE12-057-CV-DRG-002011 - Armco barrier
EE12-057-CV-DRG-002012 - Concrete foundation
details for typical signage
EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- | | |
|---|---|
|  | Short term / low spec. haul roads |
|  | Long term/ high spec. haul roads |
|  | Haul roads / Permanent access |
|  | Permanent Land Take |
|  | Temporary Land Take |
|  | Existing / Proposed access to be used (works by others) |
|  | Existing Railway Boundary |
|  | Fencing |
|  | Signage and/or traffic lights |
|  | Haul road classification |
|  | Existing access Track |



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
© Crown Copyright Network Rail
Licence Number: ALD50774A001

Project Manager: K Lailch			P04	11/08	Updated as per NR's comments	MM	NM	KL
Email: kan.lailch@ecothai.com			P03	21/07	Updated as per NR's comments	MM	SM	KL
Telephone: +66 (0)141 335 2301			P02	08/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835			Rev	Date	Description	Dm	Chk	App
ELR/ Mileage: LEC2			Issue Status:					
Scale: 1:2500			FOR APPROVAL					
Dwn: W.J.Miller	Chkd: N. Moody	Appd: K. Lailch	Drawing No:			Revision		
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002037			P04		

All changes to this CAD generated drawing MUST be made via the master CAD file.

Drawing Title
WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 18 OF 27

Client	
--------	--

Network Rail



West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com



SWR(S)

DO NOT SCALE

Notes:

1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

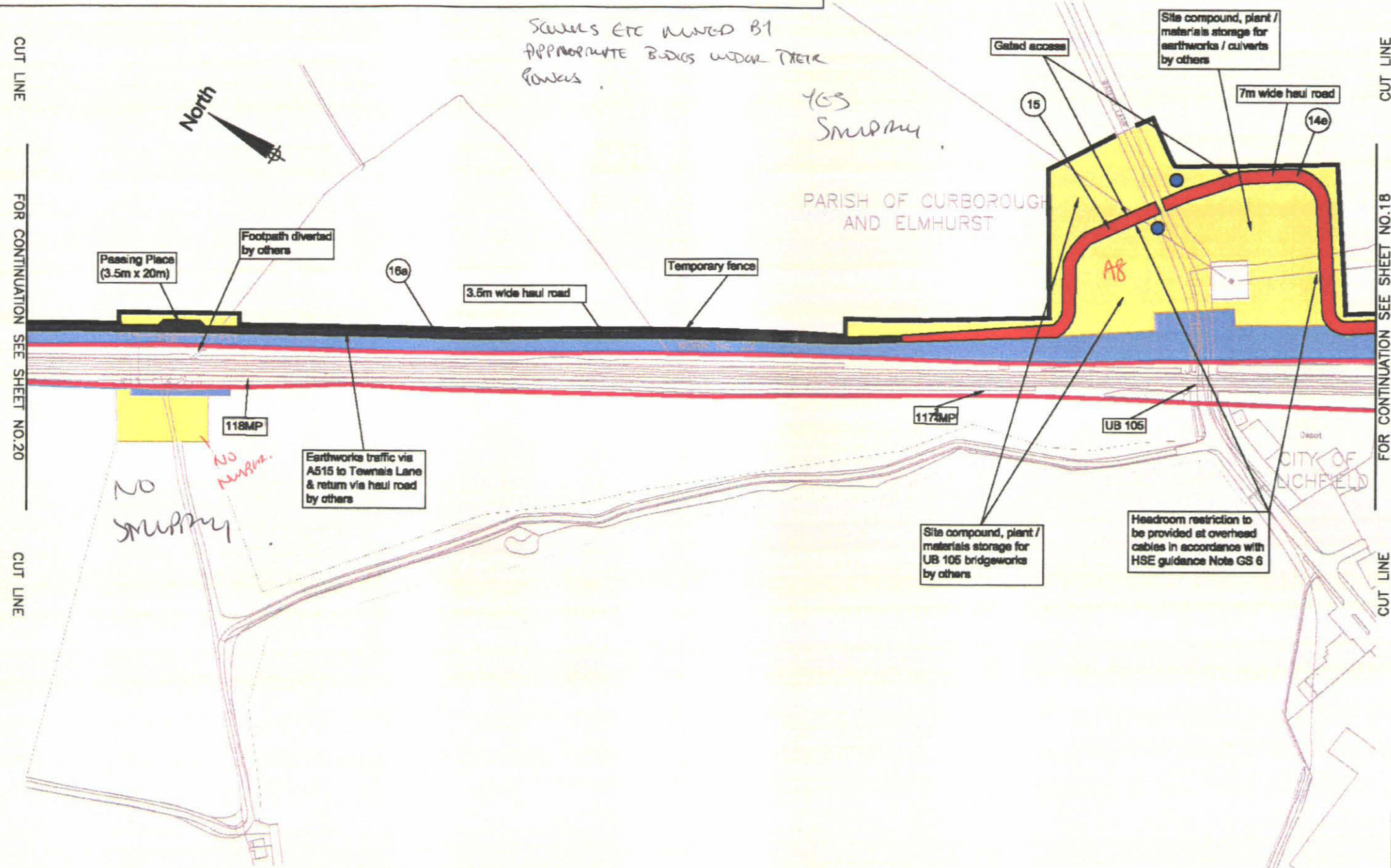
Key

- Short term / low spec. haul roads
- Long term/ high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track

CUT LINE

FOR CONTINUATION SEE SHEET NO.20

CUT LINE



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch
 Email: k.leitch@scottwilson.com
 Telephone: +44 (0)141 335 2301
 Project No: A010835
 ELRV Mileage: LEC2
 Scale: 1:2500
 Dwn: W.J.Miller
 Date: 12 May 04

Chd: N. Moody
 Date: 17 June 04
 Appd: K. Leitch
 Date: 17 June 04

Rev	Date	Description	Dm	Chk	App
P05	11/08	Updated as per NR's comments	MM	NM	KL
P04	05/06	Updated as per NR's comments	MM	SM	KL
P03	21/07	Updated as per NR's comments	MM	SM	KL
P02	08/07	Updated as per NR's comments	AL	CJ	KL
Issue Status:					
FOR APPROVAL					
Drawing No: EE12-057-CV-DRG-002038					
Revision: P05					

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 19 OF 27**

Client

Network Rail
 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



SWR(S)

DO NOT SCALE

Notes:

1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-002111 - Farmer's gate details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details

W067-057-SA-REP-000003 - Utilities report

A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

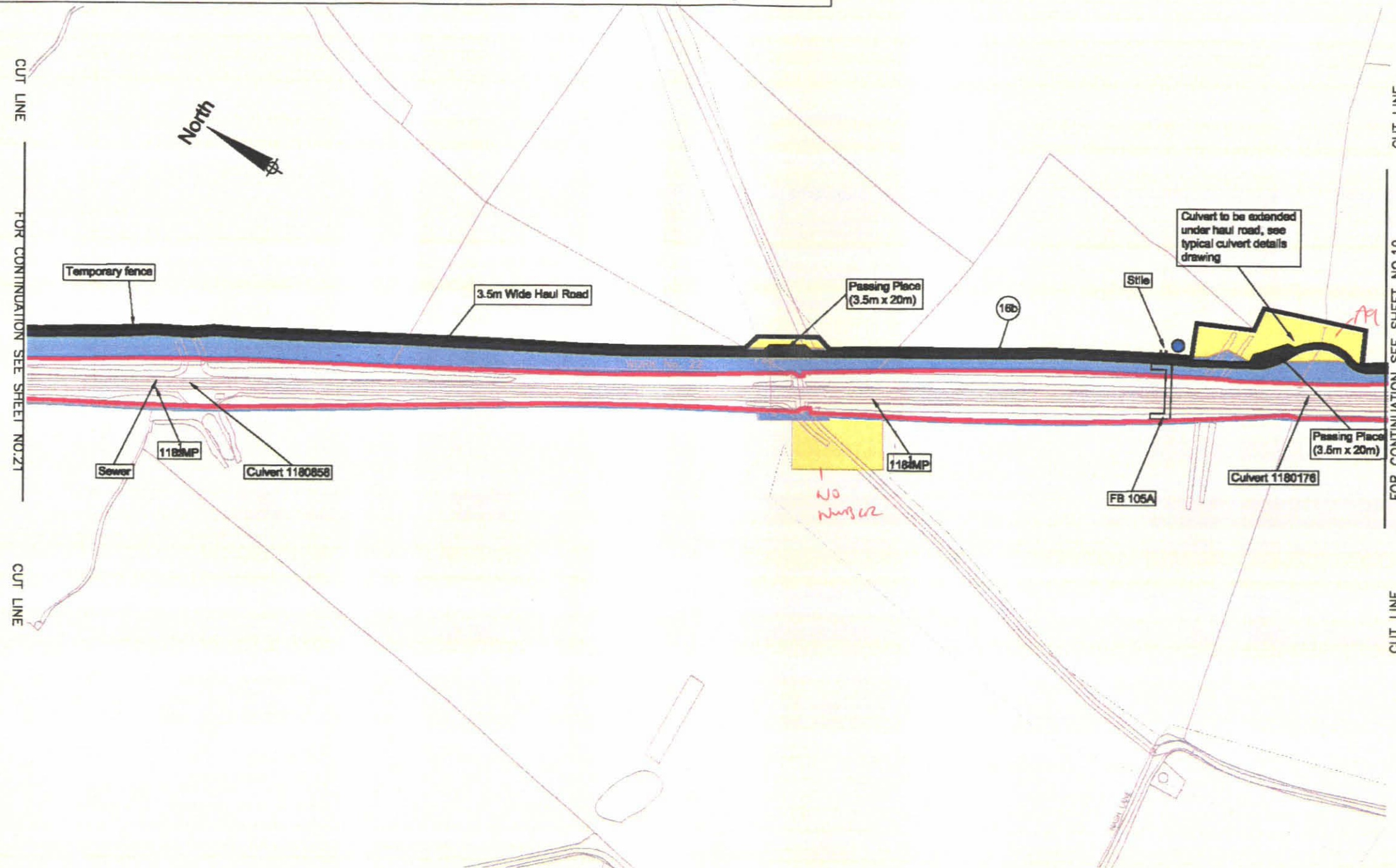
2. FB105A - Survey to be carried out by SWR to confirm design.

no stripping

no of

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Litch	P04	11/08	Updated as per NR's comments	MM	NM	KL
Email: k.litch@scottwilson.com	P03	22/07	Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02	06/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Dm	Chk	App
ELRV Mileage: LEC2	Issue Status:					
Scale: 1:2500	FOR APPROVAL					
Dwn: W.J. Miller	Chd: N. Moody	Appd: K. Litch	Drawing No:	Revision		
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002039	P04		

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 20 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



SWR(S)

DO NOT SCALE

Notes:

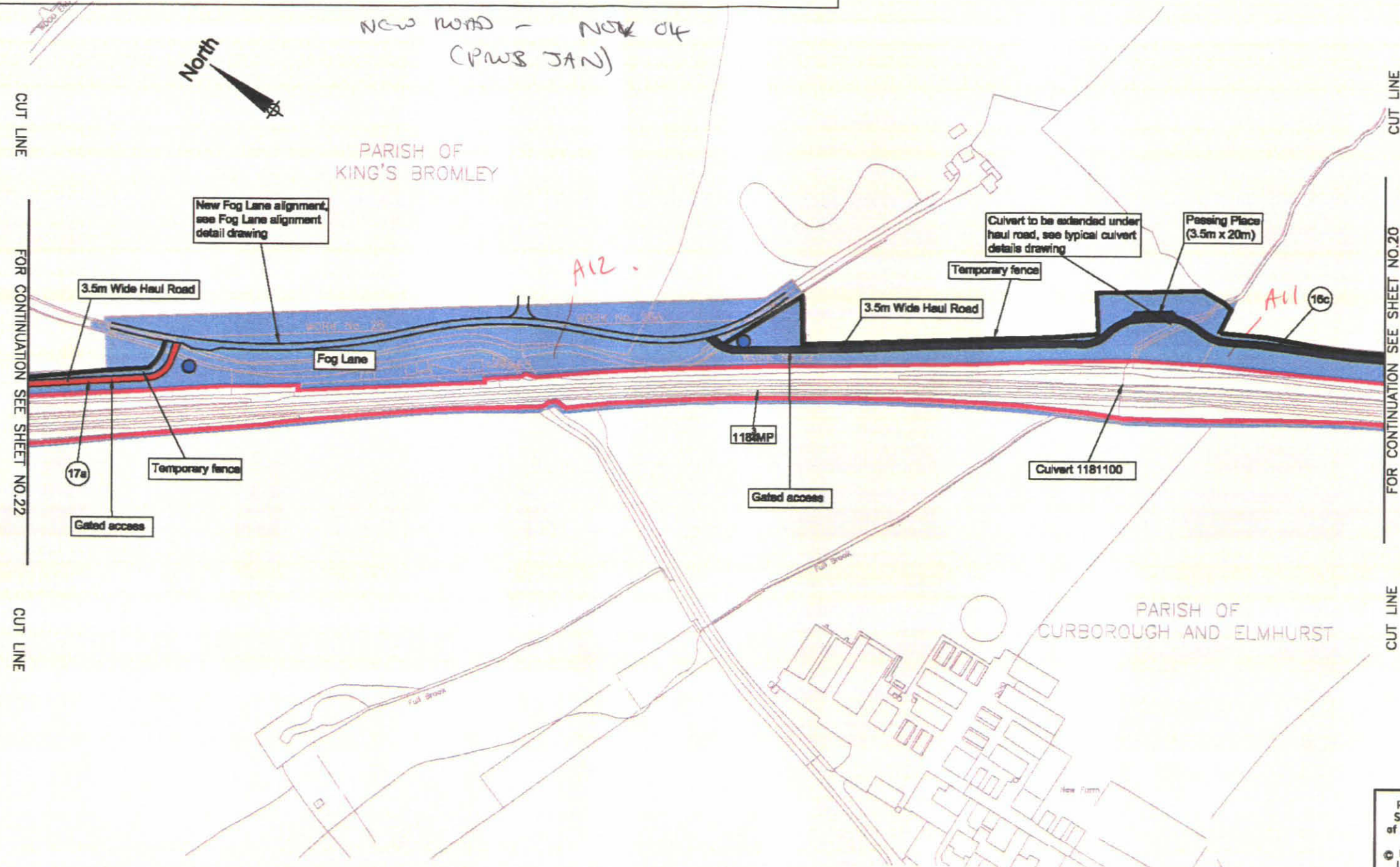
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 EE12-057-CV-GAD-001123 - Fog Lane alignment detail
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P05 10/06 Updated as per NRR's comments	AL	NM	KL
Email: k.leitch@scottwilson.com	P04 06/06 Updated as per NRR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P03 22/07 Updated as per NRR's comments	MM	SM	KL
Project No: A010835	P02 08/07 Updated as per NRR's comments	AL	CJ	KL
ELR/ Mileage: LEC2	Rev Date Description Dm Chk App			
Scale: 1:2500	Issue Status:			
Drawn: W.J. Miller	FOR APPROVAL			
Chkd: N. Moody	Drawing No:			
Appd: K. Leitch	EE12-057-CV-DRG-002040			
Date: 12 May 04	Revision			
Date: 17 June 04	P05			
Date: 17 June 04				

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 21 OF 27**

Client

Network Rail
 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



APR 05

WCM4105

Notes:

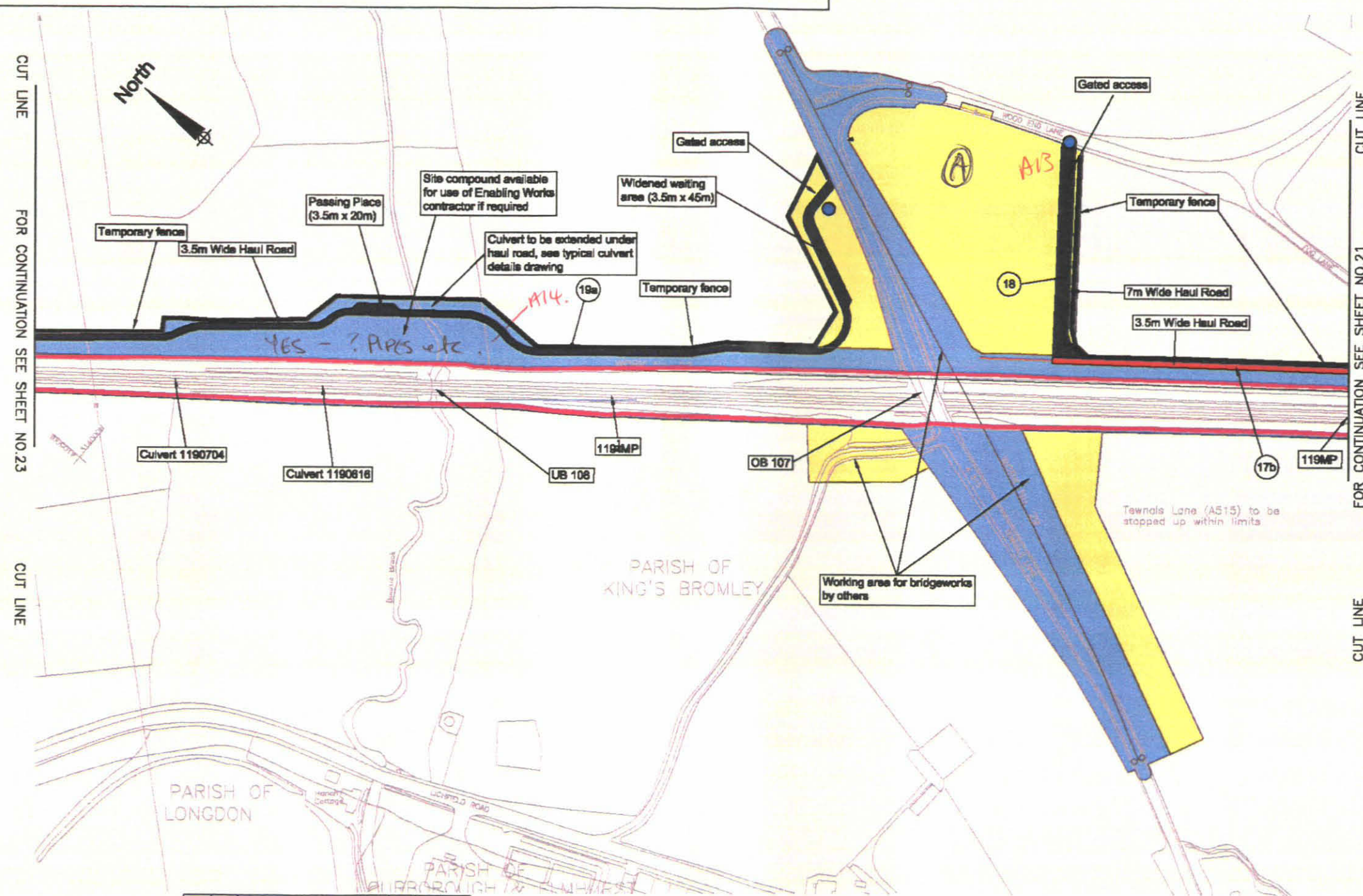
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Project Manager: K Leitch

Email: k.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELR/ Mileage: LEC2

Scale: 1:2500

Dwn: W.J.Miller

Chkd: N. Moody

Appd: K. Leitch

Date: 12 May 04

Date: 17 June 04

Date: 17 June 04

P05 10/08 Updated as per NR's comments AL NM KL

P04 05/08 Updated as per NR's comments MM SM KL

P03 22/07 Updated as per NR's comments MM SM KL

P02 08/07 Updated as per NR's comments AL CJ KL

Rev Date Description Dm Chk App

Issue Status:

FOR APPROVAL

Drawing No: EE12-057-CV-DRG-002041

Revision

P05

Drawing Title

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 22 OF 27**

Client

Network Rail
 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

Reproduced from the Ordnance
 Survey Map with the permission
 of the Controller of Her Majesty's
 Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD58774A001

Notes:

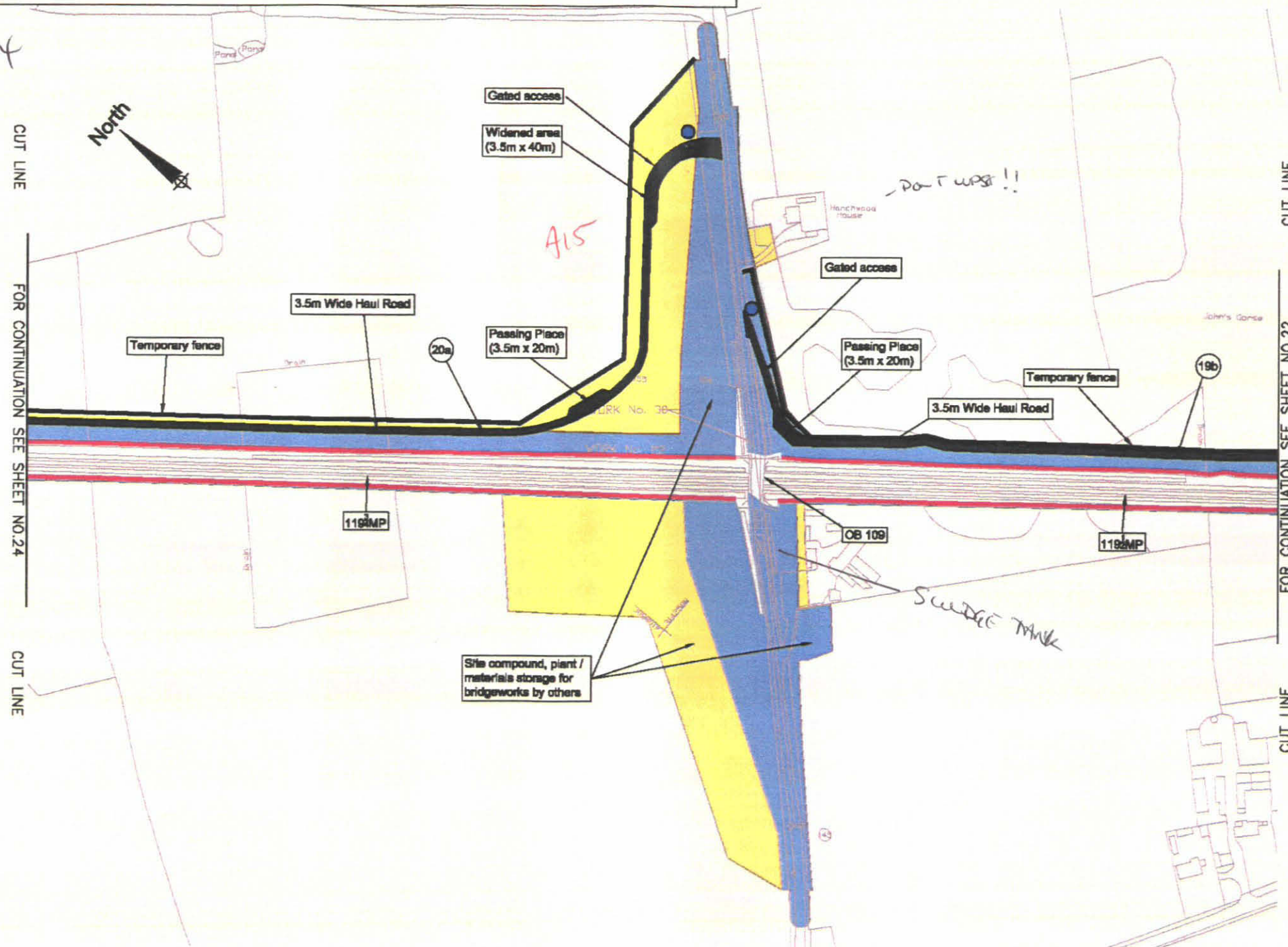
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALDS0774A001

Project Manager: K Leitch	P04 11/06 Updated as per NR's comments	MM	NM	KL
Email: k.leitch@scottwilson.com	P03 22/07 Updated as per NR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02 08/07 Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev Date Description	Dm	Chk	App
ELR/ Mileage: LEC2	Issue Status:			
Scale: 1:2500	FOR APPROVAL			
Dwn: W.J.Miller	Chkd: N. Moody	Appd: K. Leitch	Drawing No:	Revisor:
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002042	P04

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 23 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com



SWR(S)

DO NOT SCALE













Notes:

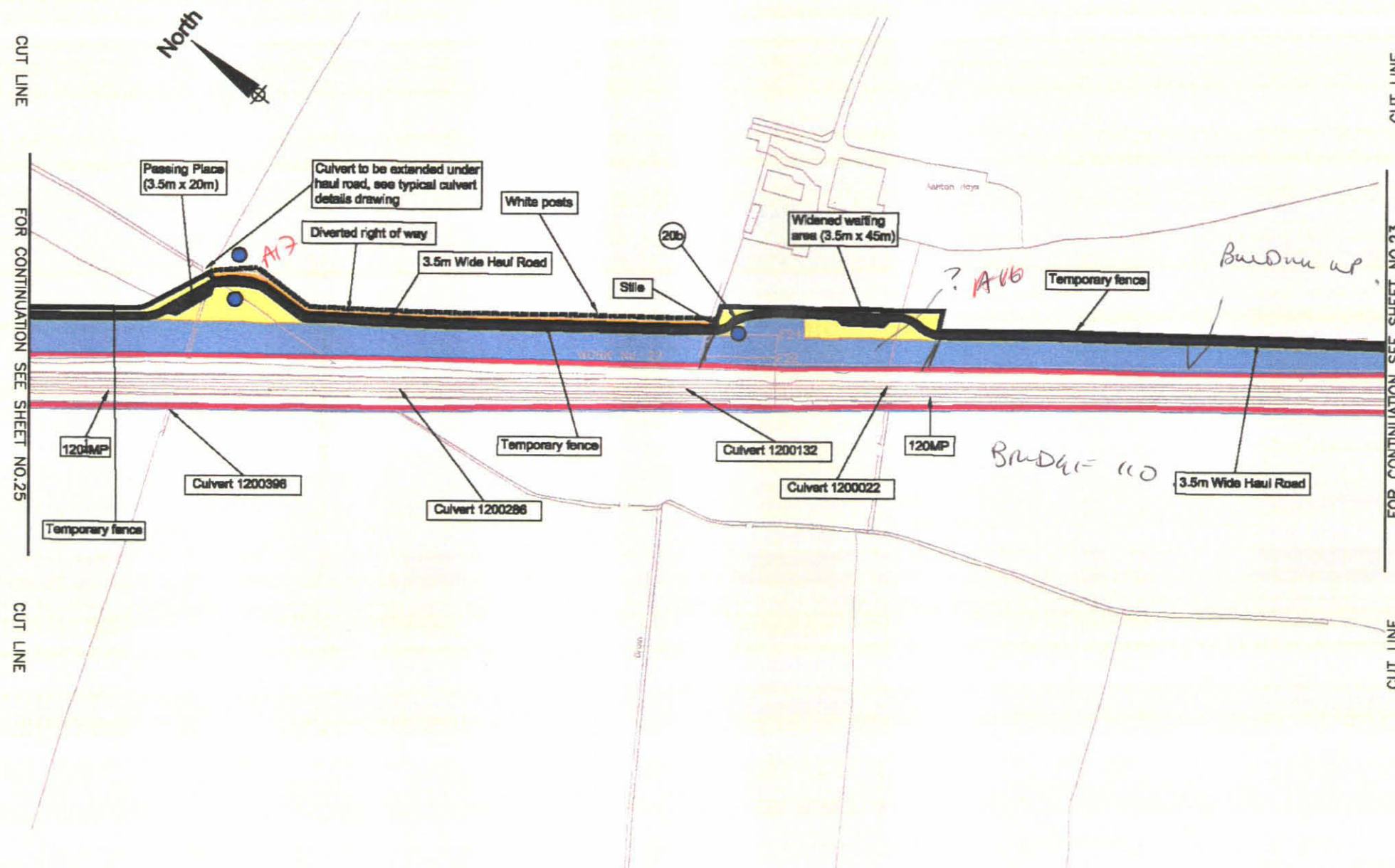
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term / high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track
-  Diverted right of way



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD58774A001

Project Manager: K Leitch	P04 11/08 Updated as per NR's comments	MM	NM	KL
Email: k.leitch@scottwilson.com	P03 23/07 Updated as per NR's comments	MM	CJ	KL
Telephone: +44 (0)141 335 2301	P02 09/07 Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev Date Description Dm Chk App			
ELR/ Mileage: LEC2	Issue Status:			
Scale: 1:2500	FOR APPROVAL			
Dwn: W.J. Miller	Chkd: N. Moody	Appd: K. Leitch	Drawing No:	Revision
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002043	P04

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 24 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

SWR(S)

DO NOT SCALE












Notes:

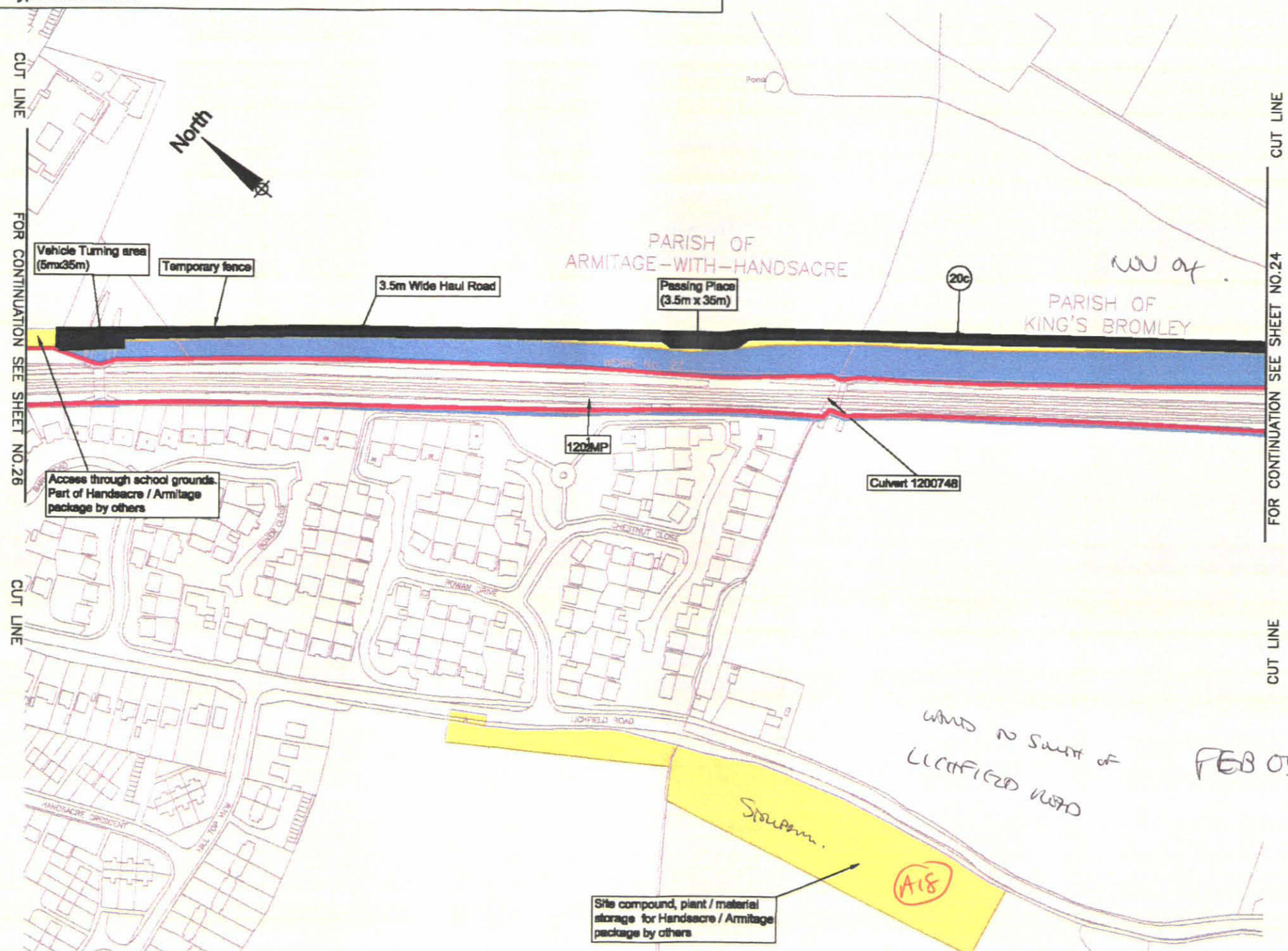
1. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier
 EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage
 EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details
 EE12-057-CV-DRG-002111 - Farmer's gate details
 EE12-057-CV-DRG-001736 - Temporary and permanent haul road details
 W067-057-SA-REP-000003 - Utilities report
 A010835 HR1 - Haul road specification document
 A010835 EX2 - Haul road classification
 A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term/ high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P04 11/08 Updated as per NLR's comments	MM	NM	KL
Email: k.leitch@scottwilson.com	P03 22/07 Updated as per NLR's comments	MM	SM	KL
Telephone: +44 (0)141 335 2301	P02 08/07 Updated as per NLR's comments	AL	CJ	KL
Project No: A010835	Rev/Date Description	Dm	Chk	App
ELR/ Mileage: LEC2	Issue Status:	FOR APPROVAL		
Scale: 1:2500	Drawing No: EE12-057-CV-DRG-002044	Revision P04		
Dwn: W.J. Miller	Chd: N. Moody	Appd: K. Leitch		
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04		

**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 25 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scottwilson.com

**Scott
 Wilson**

All changes to this CAD generated drawing MUST be made via the master CAD file.

SWR(S)

DO NOT SCALE

Notes:

1. There are no haul road works on this drawing.

2. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details

EE12-057-CV-DRG-002009 - Steel palisade fence

EE12-057-CV-DRG-002010 - Steel palisade gate

EE12-057-CV-DRG-002011 - Armco barrier

EE12-057-CV-DRG-002012 - Concrete foundation details for typical signage

EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-002111 - Farmer's gate details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details

W067-057-SA-REP-000003 - Utilities report

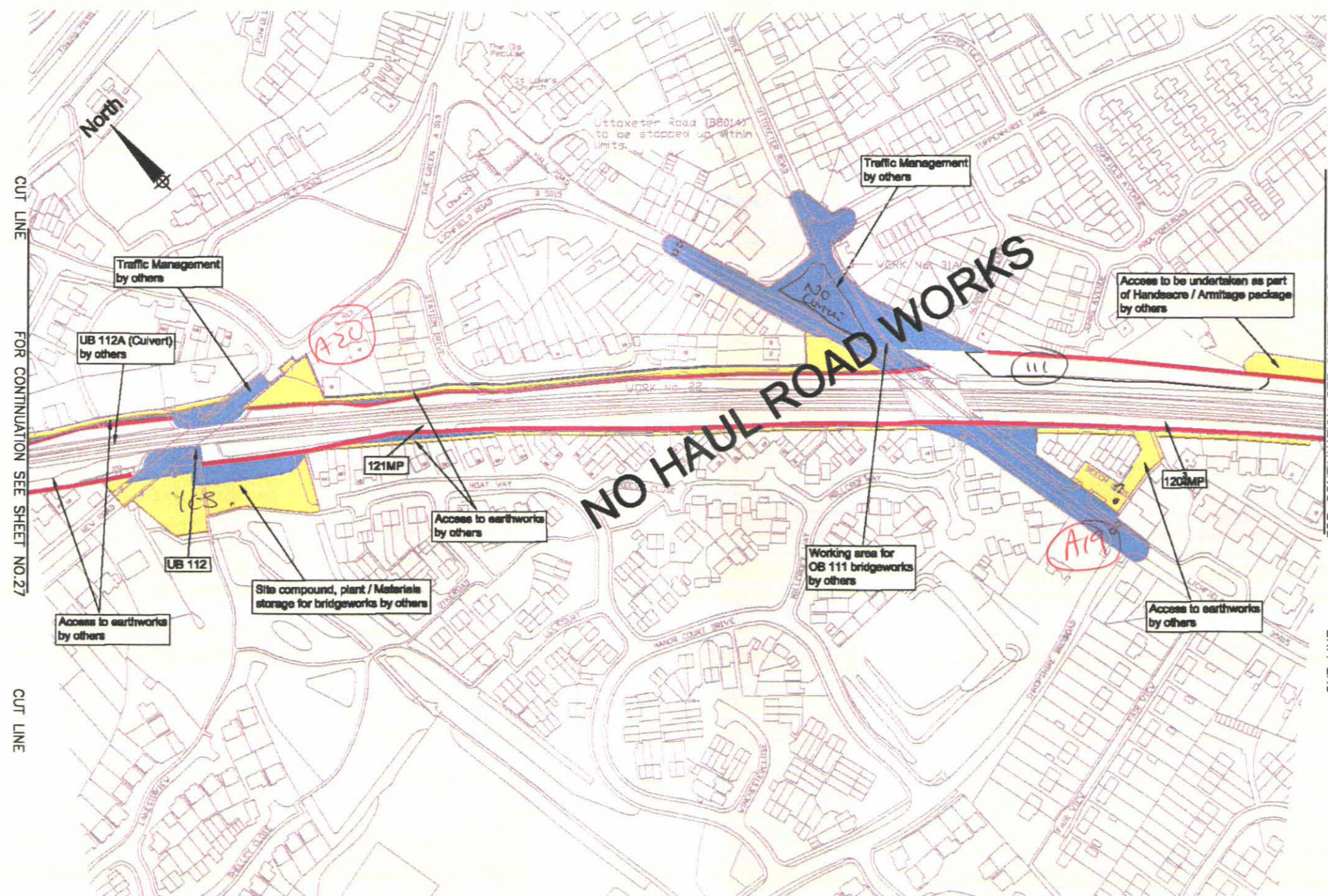
A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

Key

- Short term / low spec. haul roads
- Long term / high spec. haul roads
- Haul roads / Permanent access
- Permanent Land Take
- Temporary Land Take
- Existing / Proposed access to be used (works by others)
- Existing Railway Boundary
- Fencing
- Signage and/or traffic lights
- Haul road classification
- Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationary Office.
© Crown Copyright Network Rail
Licence Number: ALD50774 A001

Project Manager: K Leitch

Email: k.leitch@scottwilson.com

Telephone: +44 (0)141 335 2301

Project No: A010835

ELRV Mileage: LEC2

Scale: 1:2500

Dwn: W.J. Miller

Chk: N. Moody

Appd: K. Leitch

Date: 12 May 04

Date: 17 June 04

Date: 17 June 04

P05	11/06	Updated as per NR's comments	MM	MM	KL
P04	05/06	Updated as per NR's comments	TF	SM	KL
P03	22/07	Updated as per NR's comments	MM	SM	KL
P02	08/07	Updated as per NR's comments	AL	CJ	KL
Rev Date		Description	Dm	Chk	App
Issue Status: FOR APPROVAL					
Drawing No:		Revision			
EE12-057-CV-DRG-002045		P05			

Drawing Title

**WEST COAST ROUTE MODERNISATION
TRENT VALLEY 4-TRACKING
RESIGNALLING AND REMODELLING
HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
SHEET 26 OF 27**

Client

Network Rail
West Coast Route Modernisation

Scott Wilson Railways Ltd.
Western House
1 Holbrook Way
Swindon SN1 1BY
Telephone 01793 515943
Fax 01793 515844
www.scottwilson.com



All changes to this CAD generated drawing MUST be made via the master CAD file.

(A3) 420x297 Railways

SWR(S)

DO NOT SCALE

Notes:

1. There are no haul road works on this drawing.

2. For specific details refer to:

EE12-057-CV-DRG-002007 - Typical culvert details
 EE12-057-CV-DRG-002009 - Steel palisade fence
 EE12-057-CV-DRG-002010 - Steel palisade gate
 EE12-057-CV-DRG-002011 - Armco barrier

EE12-057-CV-DRG-002012 - Concrete foundation
 details for typical signage

EE12-057-CV-DRG-002091 - Typical stile details

EE12-057-CV-DRG-002092 - Temporary fence details

EE12-057-CV-DRG-002111 - Farmer's gate details

EE12-057-CV-DRG-001736 - Temporary and permanent haul road details












W067-057-SA-REP-000003 - Utilities report

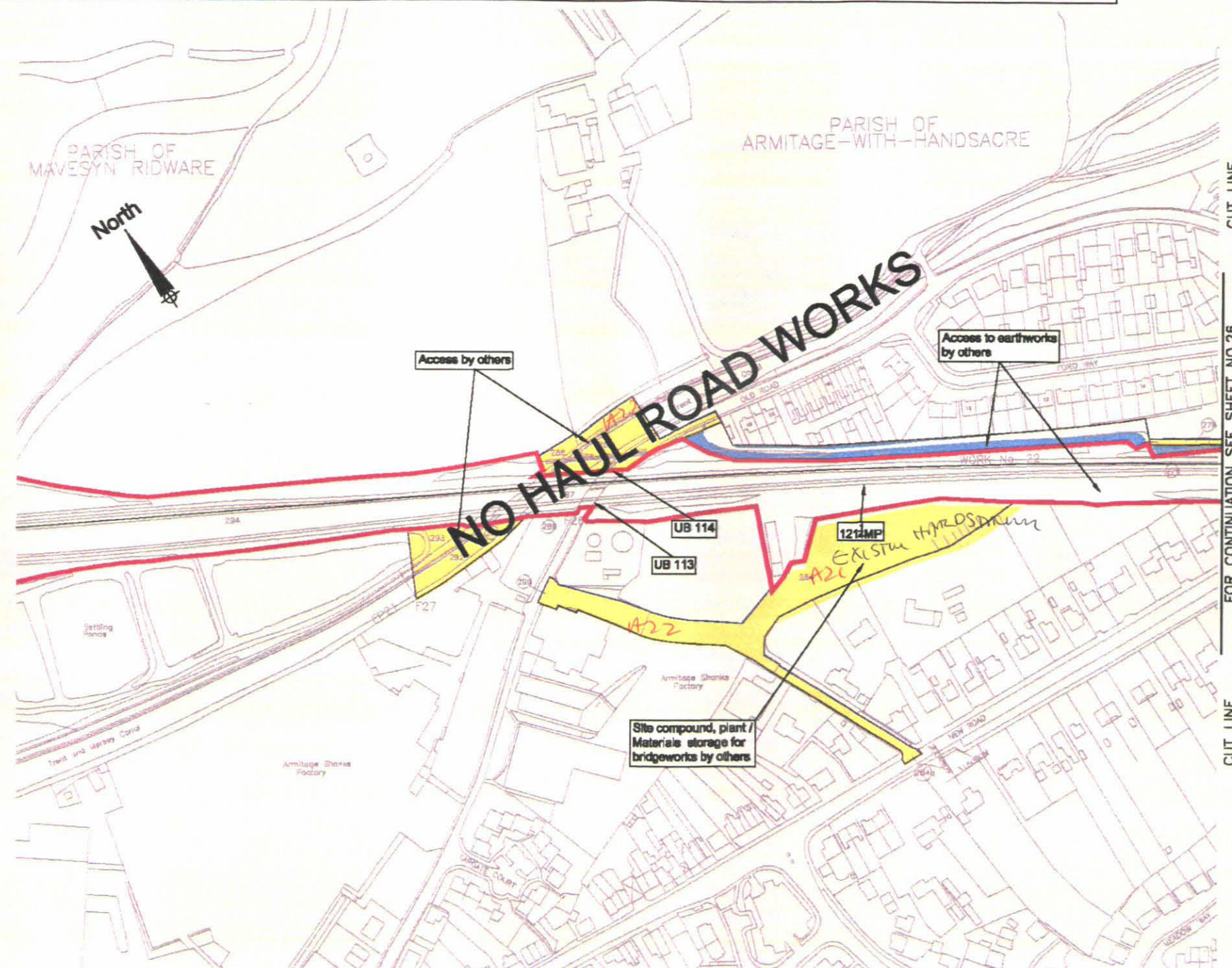
A010835 HR1 - Haul road specification document

A010835 EX2 - Haul road classification

A010835 EX3 - Haul road assumptions register

Key

-  Short term / low spec. haul roads
-  Long term / high spec. haul roads
-  Haul roads / Permanent access
-  Permanent Land Take
-  Temporary Land Take
-  Existing / Proposed access to be used (works by others)
-  Existing Railway Boundary
-  Fencing
-  Signage and/or traffic lights
-  Haul road classification
-  Existing access Track



Reproduced from the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office
 © Crown Copyright Network Rail
 Licence Number: ALD50774A001

Project Manager: K Leitch	P04	11/08	Updated as per NR's comments	MM	CJ	KL
Email: k.leitch@scotwilson.com	P03	23/07	Updated as per NR's comments	MM	CJ	KL
Telephone: +44 (0)141 335 2301	P02	09/07	Updated as per NR's comments	AL	CJ	KL
Project No: A010835	Rev	Date	Description	Dm	Chk	App
ELR/ Mileage: LEC2	Issue Status:					
Scale: 1:2500	FOR APPROVAL					
Dwn: W.J.Miller	Chk: N. Moody	App: K. Leitch	Drawing No:	Revision		
Date: 12 May 04	Date: 17 June 04	Date: 17 June 04	EE12-057-CV-DRG-002046	P04		

Drawing Title
**WEST COAST ROUTE MODERNISATION
 TRENT VALLEY 4-TRACKING
 RESIGNALLING AND REMODELLING
 HAUL ROAD, FENCELINE AND SIGNAGE LAYOUT
 SHEET 27 OF 27**

Client

Network Rail

 West Coast Route Modernisation

Scott Wilson Railways Ltd.
 Western House
 1 Holbrook Way
 Swindon SN1 1BY
 Telephone 01793 515943
 Fax 01793 515844
 www.scotwilson.com



All changes to this CAD generated drawing MUST be made via the master CAD file.

West Coast Main Line, TV4, Haul Road Watching
Brief
WCMHOS

Box 1 File 5

D. Catalogue of Photographs

SCAN PDF

FILMING INSTRUCTIONS

Submitter OASouth

No. of CD copies: 2

Headings

Site information

Line 1: [OASouth] County:[Staffordshire] Parish:[Tamworth to Lichfield] Site:[West Coast Main Line, Trent Valley Haul Road]

Site code[WCMLH05]

Line 2: Excavators name[King, C]

Line 3:

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	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	<input checked="" type="checkbox"/>
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	



PHOTOGRAPHIC RECORD SHEET

SITE CODE ~~WCM11705~~SITE NAME WEST COAST MAINLINE
HAUL ROAD / LICHFIELD

FILM NO. 1

Camera number 11

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
20/12/04	0		TOP STRET	DM
↓	1	NE	S. 100 Field boundary ditch	↓
↓	2	↓	↓	↓
↓	3	↓	↓	↓
↓	4	N	STRET STRET [104] STRET L. DEATH	↓
↓	5	↓	↓	↓
↓	6	↓	↓	↓
↓	7	↓	S. 101	↓
↓	8	↓		↓
↓	9	↓		↓
10/1/05	10	NW	S. 102 Pos Pit with board	J.T
↓	11	↓	"	↓
↓	12	↓	No board	↓
↓	13	↓	No board	↓
20/1/05	14	NW	Working shot, Topsoil removal, Haul Rd 16	J.T
"	15	NW	Nat sandy clay at change 465, Haul Rd 14	↓
"	16	NW	Area of Nat sandy clay at change 460	↓
"	17	SE	Working shot just exposed Nat sandy clay ^{Haul Rd 14}	J.T
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			

28.01.05

PHOTOGRAPHIC RECORD SHEET

SITE CODE *WCM L H OS*

SITE NAME *West Coast Main Line Haul Rd*

FILM NO. *2*

Camera number

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
	0			
	1			
<i>27/1/05</i>	<i>2</i>		<i>10 shot</i>	<i>JT</i>
<i>"</i>	<i>3</i>	<i>W</i>	<i>Working shot - top soil removal, Haul Rd SC</i>	<i>"</i>
<i>"</i>	<i>4</i>		<i>Void</i>	<i>"</i>
<i>"</i>	<i>5</i>	<i>E</i>	<i>Working shot - top soil removal, Haul Rd SC</i>	<i>"</i>
<i>11/2/05</i>	<i>6</i>	<i>S</i>	<i>" " - soil removal, Haul Road SC</i>	<i>"</i>
<i>"</i>	<i>7</i>	<i>S</i>	<i>" " - " " " "</i>	<i>"</i>
<i>2/2/05</i>	<i>8</i>	<i>W</i>	<i>S.103, ditch?</i>	<i>JT</i>
<i>"</i>	<i>9</i>	<i>W</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>10</i>	<i>W</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>11</i>	<i>W</i>	<i>S.104, boundary ditch</i>	<i>JT</i>
<i>"</i>	<i>12</i>	<i>W</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>13</i>	<i>W</i>	<i>" "</i>	<i>"</i>
<i>2/2/05</i>	<i>14</i>	<i>N</i>	<i>S.105 ditch (linear)</i>	<i>JT</i>
<i>"</i>	<i>15</i>	<i>N</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>16</i>	<i>N</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>17</i>	<i>N</i>	<i>" "</i>	<i>"</i>
<i>"</i>	<i>18</i>	<i>N</i>	<i>" "</i>	<i>"</i>
<i>2/2/05</i>	<i>19</i>	<i>N</i>	<i>Working shot, soil removal Haul Road SC</i>	<i>JT</i>
<i>"</i>	<i>20</i>	<i>NW</i>	<i>" " " "</i>	<i>"</i>
<i>3/2/05</i>	<i>21</i>	<i>N</i>	<i>Working shot, soil removal Haul Road SC</i>	<i>JT</i>
<i>"</i>	<i>22</i>	<i>N</i>	<i>" " " "</i>	<i>"</i>
<i>4/2/05</i>	<i>23</i>	<i>N</i>	<i>Working shot, soil removal</i>	<i>JT</i>
<i>"</i>	<i>24</i>	<i>N</i>	<i>" " "</i>	<i>"</i>
<i>4/2/05</i>	<i>25</i>	<i>NE</i>	<i>S.106, [119], boundary ditch</i>	<i>JT</i>
<i>"</i>	<i>26</i>	<i>NE</i>	<i>" " "</i>	<i>"</i>
<i>"</i>	<i>27</i>	<i>NE</i>	<i>" " "</i>	<i>"</i>
<i>7/2/05</i>	<i>28</i>	<i>S</i>	<i>Working shot, soil removal, Haul Road SC</i>	<i>JT</i>
<i>"</i>	<i>29</i>	<i>S</i>	<i>" " " "</i>	<i>"</i>
<i>8/2/05</i>	<i>30</i>	<i>NE</i>	<i>Working shot, soil removal, Haul Road SC</i>	<i>JT</i>
<i>"</i>	<i>31</i>	<i>NE</i>	<i>" " " "</i>	<i>"</i>
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			
	<i>36</i>			
	<i>37</i>			



PHOTOGRAPHIC RECORD SHEET

SITE CODE WCMCHOS

SITE NAME West Coast Mainline

FILM NO. 3

Camera number \ \


Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
16/2/05	0		T.D SHOT	J.T
17/2/05	1	SW	Working shot, start Haul Rd 13	J.T
"	2	"	"	"
18/2/05	3	SE	Back drain S.107 with board	J.T
↓	4	↓	" No board	↓
↓	5	↓	" No board	↓
18/2/05	6	NW	Working shot Haul Rd 13	J.T
"	7	"	"	J.T
21/2/05	8	NE	Working shot Haul Rd 13	J.T
"	9	"	"	J.T
21/2/05	10	N	Working shot, start Haul Rd 8a	J.T
"	11	N	" Haul Rd 8a	"
22/2/05	12	N	Working shot Haul Rd 8a	J.T
"	13	N	"	"
22/2/05	14	NE	Working shot, Haul Rd 13	J.T
"	15	NE	"	"
23/2/05	16	N	Working shot, Haul Rd 8a	J.T
"	17	NE	"	"
24/2/05	18	SW	Working shot, Haul Rd 8 - Bizzard	J.T
"	19	SW	"	"
24/2/05	20	E	Working shot, Haul Rd 8a	J.T
"	21	E	"	"
28/2/05	22	SW	Working shot, Haul Rd 8c	J.T
"	23	W	"	"
1/3/05	24	NW	Working shot, Haul Rd 8c	J.T
"	25	NW	"	"
1/3/05	26	SW	Working shot, Haul Rd 13, digging out drainage ditch	J.T
"	27	SE	"	J.T
1/3/05	28	E	Working shot, start Haul Rd 20	J.T
1/3/05	29	SW	"	"
2/3/05	30	NW	Working shot, Haul Rd 8c	J.T
"	31	NW	"	J.T
2/3/05	32	NE	Working shot, Haul Rd 20, start	J.T
"	33	NW	"	"
3/3/05	34	NW	Working shot, Haul Rd 8c	J.T
"	35	NW	"	"
	36			
	37			

9.3.05

Record sheet made from images

 Oxford Archaeology		PHOTOGRAPHIC RECORD SHEET		
SITE CODE <i>Wcml405</i>		SITE NAME <i>West Coast Main Line Haul Road</i>		FILM NO. <i>4</i>
Camera number		Lens number		Black & white / colour
Date	Negative number	View	Context(s)	Initials
	0		<i>ID shot</i>	
	1		<i>Working shot - Stripping in progress</i>	
	2		<i>" " "</i>	
	3		<i>" " "</i>	
	4		<i>" " "</i>	
	5		<i>Working shot - stripped area by compound</i>	
	6		<i>" " " "</i>	
	7		<i>Culvert</i>	
	8		<i>"</i>	
	9		<i>Working shot - stripping in progress</i>	
	10		<i>" "</i>	
	11		<i>" "</i>	
	12		<i>" "</i>	
	13		<i>" "</i>	
	14		<i>" "</i>	
	15		<i>Working shot</i>	
	16		<i>" "</i>	
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			

Shutter - colour camera bit sticky - especially at 1/60



PHOTOGRAPHIC RECORD SHEET

colour pics may be useless

SITE CODE WCHLH05

SITE NAME West Coast Main Line

FILM NO. 5

Camera number 11

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
29/3/05	0	-	J.D. Shot, film 5	J.T
"	1	S.E	Working shot haul Rd 5	J.T
"	2	SE	"	"
31/3/05	3	SE	Working shot, haul Rd 9	J.T
"	4	SE	"	"
"	5	NW	Working shot, haul Rd 5	J.T
"	6	NW	"	"
1/4/05	7	NW	Working shot, haul Rd 9	J.T
"	8	"	"	"
1/4/05	9	SE	Working shot, haul Rd 3	J.T
"	10	"	"	J.T
1/4/05	11	E	Working shot haul Rd 12	J.T
1/4/05	12	E	"	"
13/4/05	13	NW	Site 20	lee
	14	"	working shot w/ modern disturbance + flood	
	15	E	Site 10	
	16	"	working shot w/ beam + machine	
18/4/05	17	SW	Site 7	
	18	"	working shot thru rail tunnel	
	19	NE	Site 5	
	20	NE	working shot over River Tame / bridge pier	
	21	NW	Site 7	
	22		working shot along haul road	
	23			
	24			
	25		2 colour best shot after cleaning	
25/4/05	26	E	Site 20	
	27	"	working shot with land drains and	
	28	W	modern linear features	
	29	"	"	
3/5/05	30	E	Site 19	
	31		water meadow	
	32		+ flood w/ machine	
	33		last 2 not colour	
	34			
	35			
	36			
	37			

colour camera
at wrong ASA

4/10/05

cumber not working - stuck on 9



PHOTOGRAPHIC RECORD SHEET

SITE CODE *Wemh
05*

SITE NAME *Wc Mainline*

FILM NO. *6*

Camera number *11*


Lens number

Black & white / ~~colour~~

Date	Negative number	View	Context(s)	Initials
<i>4/5/05</i>	<i>0</i>		<i>ID shot</i>	<i>Lee</i>
	<i>1</i>	<i>E</i>	<i>Site 19</i>	
	<i>2</i>	<i> </i>	<i>water meadow area + machinery</i>	
	<i>3</i>	<i> </i>		
	<i>4</i>	<i> </i>		
	<i>5</i>	<i> </i>		
	<i>6</i>	<i>W</i>	<i>Site 19</i>	
	<i>7</i>	<i> </i>	<i>road cons rail</i>	
	<i>8</i>	<i> </i>	<i>" "</i>	
	<i>9</i>	<i>W</i>	<i>Site 20</i>	
	<i>10</i>	<i> </i>	<i>road machines rail</i>	
	<i>11</i>	<i> </i>		
	<i>12</i>	<i> </i>		
	<i>13</i>	<i> </i>		
	<i>14</i>	<i> </i>		
	<i>15</i>	<i> </i>		
<i>6/5/05</i>	<i>16</i>	<i>W</i>	<i>Site 20</i>	
	<i>17</i>	<i> </i>	<i>laying of hardcore</i>	
	<i>18</i>	<i> </i>	<i>Final length of excavation</i>	
	<i>19</i>	<i>NW</i>	<i>Visual IDs</i>	
	<i>20</i>	<i> </i>		
	<i>21</i>	<i> </i>		
	<i>22</i>	<i>NE</i>		
	<i>23</i>	<i> </i>		
	<i>24</i>	<i> </i>		
	<i>25</i>	<i>N</i>		
	<i>26</i>	<i> </i>		
	<i>27</i>	<i> </i>		
	<i>28</i>	<i>SE</i>		
	<i>29</i>	<i> </i>		
	<i>30</i>	<i> </i>		
	<i>31</i>			
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			
	<i>36</i>			
	<i>37</i>			

4/10/05

no B+w film 7 - film didn't wind on - sorry!

 Oxford Archaeology		PHOTOGRAPHIC RECORD SHEET		
SITE CODE <i>wcmth 05</i>		SITE NAME <i>wc mainline</i>		FILM NO. <i>7</i>
Camera number <i>18</i>		Lens number		Black & white film
Date	Negative number	View	Context(s)	Initials
<i>17/5/05</i>	<i>0</i>		<i>ID</i>	<i>cee</i>
	<i>1</i>	<i>E-W</i>	<i>Site 16</i>	
	<i>2</i>		<i>Site + machinery + working</i>	
	<i>3</i>			
	<i>4</i>			
	<i>5</i>			
	<i>6</i>			
	<i>7</i>			
	<i>8</i>			
	<i>9</i>			
	<i>10</i>			
	<i>11</i>			
	<i>12</i>			
	<i>13</i>			
	<i>14</i>			
	<i>15</i>			
	<i>16</i>			
	<i>17</i>			
	<i>18</i>			
	<i>19</i>	<i>N</i>	<i>Site 5-1</i>	
	<i>20</i>	<i>"</i>	<i>Area stripping</i>	
	<i>21</i>	<i>S</i>	<i>Sites</i>	
	<i>22</i>	<i>"</i>	<i>view to site 7 over River Tame</i>	
	<i>23</i>	<i>S</i>		
	<i>24</i>	<i> </i>		
	<i>25</i>	<i> </i>		
	<i>26</i>	<i>N</i>	<i>Site 5</i>	
	<i>27</i>	<i>"</i>	<i>General : natural + laid sand</i>	
	<i>28</i>			
	<i>29</i>			
	<i>30</i>			
	<i>31</i>			
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			
	<i>36</i>			
	<i>37</i>			

4/10/05



PHOTOGRAPHIC RECORD SHEET

SITE CODE *wc 1h 05*SITE NAME *wc mainline*FILM NO. *8*Camera number *146*

Lens number

Black & white / ~~colour~~

Date	Negative number	View	Context(s)	Initials
<i>14/5/05</i>	<i>0</i>		<i>ID</i>	<i>CE</i>
	<i>1</i>		<i>Site 16</i>	
	<i>2</i>		<i>working shots with brains</i>	<i>(Context)</i>
	<i>3</i>	<i>N</i>		
	<i>4</i>	<i>"</i>		
	<i>5</i>	<i>NW</i>		
	<i>6</i>	<i>"</i>		
	<i>7</i>	<i>W</i>		
	<i>8</i>	<i> </i>		
	<i>9</i>	<i> </i>		
	<i>10</i>	<i> </i>		
	<i>11</i>	<i>E</i>	<i>the ground</i>	
	<i>12</i>	<i>"</i>	<i>" "</i>	
	<i>13</i>			
	<i>14</i>			
	<i>15</i>			
	<i>16</i>			
	<i>17</i>			
	<i>18</i>			
	<i>19</i>			
	<i>20</i>			
	<i>21</i>			
	<i>22</i>			
	<i>23</i>			
	<i>24</i>			
	<i>25</i>			
	<i>26</i>			
	<i>27</i>			
	<i>28</i>			
	<i>29</i>			
	<i>30</i>			
	<i>31</i>			
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			
	<i>36</i>			
	<i>37</i>			

4/10/05



Oxford Archaeology

PHOTOGRAPHIC RECORD SHEET

SITE CODE WCHLTV
66

SITE NAME

WEST COAST MAINLINE
HAW. ROAD (C. LICHFIELD)

FILM NO. 1

Camera number 11

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
20/12/04	0		ID SHOT	SW
↓	1	NE	S. 100 FIELD BOUNDARY DITCH	↓
↓	2	↓		↓
↓	3	↓		↓
↓	4	N	LAND DRAIN [104] [105]	↓
↓	5	↓		↓
↓	6	↓		↓
↓	7	↓	S. 101 [64] [105]	↓
↓	8	↓		↓
↓	9	↓		↓
10/1/05	10	NW	S. 102 Post Pit with board	J.T.
↓	11	↓	"	↓
↓	12	↓	No board	↓
↓	13	↓	No board	↓
20/1/05	14	NW	Working shot / Top soil removal Haul Rd 14	J.T.
"	15	NW	Natural sand/clay exposed change 465 Haul Rd 14	J.T.
"	16	NW	Area of Nat sand/clay change 460	J.T.
"	17	SE	Working shot just exposed Nat sand/clay Haul Rd 14	J.T.
	18		↑ NOT TAKEN	
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			

W596264

28.01.05



PHOTOGRAPHIC RECORD SHEET

SITE CODE **WCMC
H05**SITE NAME **West Coast Main line
Haul Rd SC**FILM NO. **2**Camera number **11**

Lens number

Black & white/ colour

Date	Negative number	View	Context(s)	Initials
27/1/05	0		I.D. Shot	J.T
"	1	W	Working shot, top soil removal Haul Rd SC	"
"	2	E	"	"
1/2/05	3	S	Working shot, soil removal Haul Rd SC	J.T
"	4	S	"	"
2/2/05	5	W	S.103 ditch? w/board	J.T
"	6	V	"	↓
"	7	W	"	↓
"	8	W	S.104 boundary ditch? w/board	J.T
"	9	W	"	↓
"	10	W	" No board	↓
2/2/05	11	N	S.105 ditch (inner) w/board	J.T
"	12	N	"	↓
"	13	N	"	↓
"	14	N	S.105 Working shot, soil removal	J.T
9/2/05	15	N	Working shot, soil removal Haul Rd SC	J.T
"	16	NW	"	↓
3/2/05	17	N	Working shot, soil removal Haul Rd SC	J.T
"	18	N	"	↓
4/2/05	19	N	Working shot, soil removal	J.T
"	20	NE	S.106	"
4/2/05	21	NE	S.106, [119], boundary ditch w/board	J.T
↓	22	↓	"	↓
↓	23	↓	"	↓
7/2/05	24	S	Working shot, soil removal, haul SC	J.T
7/2/05	25	S	"	"
2/2/05	26	NE	Working shot, soil removal, haul SC	J.T
"	27	NE	"	"
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			

W 073718

21.2.05



PHOTOGRAPHIC RECORD SHEET

SITE CODE WCMLH05

SITE NAME West Coast Main Line

FILM NO. 3

Camera number 11

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
16/2/05	0		I.D. SITE	J.T
17/2/05	1	SW	Working shot, start Haul Rd 13	J.T
"	2	"	" " " "	"
18/2/05	3	SE	Brick drain S.107 with board	J.T
"	4	"	" " " " no board	"
"	5	"	" " " "	"
18/2/05	6	NW	Working shot, Haul Rd 13	J.T
"	7	"	" " " "	J.T
21/2/05	8	NE	Working shot, Haul Rd 13	J.T
"	9	"	" " " " Haul Rd 13	"
21/2/05	10	N	Working shot, start Haul Rd 8a	J.T
"	11	N	" " " " Haul Rd 8a	"
22/2/05	12	N	Working shot, Haul Rd 8a	J.T
"	13	N	" " " "	J.T
22/2/05	14	NE	Working shot, Haul Rd 13	J.T
"	15	NE	" " " "	"
23/2/05	16	N	Working shot, Haul Rd 8a	J.T
"	17	NE	" " " "	"
24/2/05	18	SW	Working shot, Haul Rd 8a Blizzard	J.T
"	19	SW	" " " "	"
25/2/05	20	E	Working shot, Haul Rd 8a	J.T
"	21	E	" " " "	"
28/2/05	22	SW	Working shot, Haul Rd 8c	J.T
"	23	W	" " " "	"
1/3/05	24	NW	Working shot, Haul Rd 8c	J.T
"	25	NW	" " " "	"
1/3/05	26	SW	Working shot, Haul Rd 13, digging out drainage ditch	J.T
"	27	SW	" " " "	J.T
1/3/05	28	E	Working shot, start Haul Rd 20	J.T
"	29	SW	" " " "	J.T
2/3/05	30	NW	Working shot, haul rd 8c	J.T
"	31	NW	" " " "	"
2/3/05	32	NE	Working shot, haul rd 20, start	J.T
2/3/05	33	NW	" " " "	"
3/3/05	34	NW	Working shot, haul rd 8c	J.T
"	35	"	" " " "	J.T
	36			
	37			

W 516169

9.3.05

Oxford Archaeological Unit		PHOTOGRAPHIC RECORD SHEET		
Site name: <u>West Coast Mainline</u>		Site code: <u>WCMLHOS</u>		Camera No:
Black & white <u>Colour:</u>		Film No: <u>4</u>		Lens No:
Date	Neg. No	View	Context(s)	Initials
	0		FIELD SHOT	
	1		WORKING SHOT, SITE STRIPPING	
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			

Shutter - colour camera bit sticky - especially at 1/60



PHOTOGRAPHIC RECORD SHEET

colour pics may be useless

SITE CODE WCHLH05

SITE NAME West Coast Main Line

FILM NO. 5

Camera number 11

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
29/3/05	0	-	J.D. Shot, film 5	J.T
"	1	S.E	Working shot haul Rd 5	J.T
"	2	SE	"	"
31/3/05	3	SE	Working shot, haul Rd 9	J.T
"	4	SE	"	"
"	5	NW	Working shot, haul Rd 5	J.T
"	6	NW	"	"
1/4/05	7	NW	Working shot, haul Rd 9	J.T
"	8	"	"	"
1/4/05	9	SE	Working shot, haul Rd 5	J.T
"	10	"	"	J.T
1/4/05	11	E	Working shot haul Rd 12	J.T
1/4/05	12	E	"	"
13/4/05	13	NW	Site 20	lee
	14	"	working shot w/ modern disturbance + flood	
	15	E	Site 10	
	16	"	working shot w/ beam + machine	
18/4/05	17	SW	Site 7	
	18	"	working shot thru rail tunnel	
	19	NE	Site 5	
	20	NE	working shot over River Tame / bridge pier	
	21	NW	Site 7	
	22		working shot along haul road	
	23			
	24			
	25	/	VOID colour best shots after cleaning	
25/4/05	26	E	Site 20	
	27	"	working shot with land drains and	
	28	W	modern linear features	
	29	"	" " "	
3/5/05	30	E	Site 19	
	31		water meadow	
	32		+ Flood w/ machine	
	33		last 2 not colour	
	34			
	35			


colour camera
wrong ASA

W 501240



4/10/05

camera shutter still sticky - will change camera

 Oxford Archaeology		PHOTOGRAPHIC RECORD SHEET		
SITE CODE <i>wcmh 05</i>		SITE NAME <i>wc Mainline</i>		FILM NO. <i>6</i>
Camera number <i>11</i>		Lens number		Black & white / colour
Date	Negative number	View	Context(s)	Initials
<i>4/5/05</i>	<i>0</i>		<i>10 shot</i>	<i>Lee</i>
	<i>1</i>	<i>E</i>	<i>site 19</i>	
	<i>2</i>	<i> </i>	<i>water meadow area + machinery</i>	
	<i>3</i>	<i> </i>		
	<i>4</i>	<i>/</i>	<i>VOID</i>	<i>/</i>
	<i>5</i>	<i> </i>		<i>sticky</i>
	<i>6</i>	<i> </i>		
	<i>7</i>	<i>w</i>	<i>site 19</i>	
	<i>8</i>	<i> </i>	<i>road cows rail</i>	<i>sticky</i>
	<i>9</i>	<i> </i>	<i>" "</i>	
	<i>10</i>	<i>w</i>	<i>site 20</i>	
	<i>11</i>	<i> </i>	<i>road machines rail</i>	
	<i>12</i>	<i> </i>		<i>sticky</i>
	<i>13</i>	<i> </i>		
	<i>14</i>	<i>/</i>	<i>VOID</i>	<i>sticky</i>
	<i>15</i>	<i> </i>		
	<i>16</i>	<i>/</i>	<i>VOID</i>	<i>/</i>
<i>6/5/05</i>	<i>17</i>	<i>w</i>	<i>site 20</i>	
	<i>18</i>	<i> </i>	<i>laying of hardcore</i>	
	<i>19</i>	<i> </i>	<i>final length of excavation</i>	
	<i>20</i>	<i>nw</i>	<i>visual IDs</i>	
	<i>21</i>	<i> </i>		
	<i>22</i>	<i> </i>		<i>sticky</i>
	<i>23</i>	<i>NE</i>		
	<i>24</i>	<i> </i>		
	<i>25</i>	<i> </i>		<i>sticky</i>
	<i>26</i>	<i>N</i>		<i>sticky</i>
	<i>27</i>	<i> </i>		<i>argh!</i>
	<i>28</i>	<i> </i>		
	<i>29</i>	<i>SE</i>		
	<i>30</i>	<i>/</i>	<i>VOID</i>	<i>/</i>
	<i>31</i>	<i>/</i>		<i>/</i>
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			

W578738



4/10/05



PHOTOGRAPHIC RECORD SHEET

SITE CODE *wcmh 05*

SITE NAME *wc Mainline*

FILM NO. *7*

Camera number *18*

Lens number

~~Black & white~~ / colour

Date	Negative number	View	Context(s)	Initials
<i>17/5/05</i>	<i>0</i>		<i>ID</i>	<i>Lee</i>
	<i>1</i>		<i>Site 16</i>	
	<i>2</i>	<i>E-W</i>	<i>Site + machinery + working</i>	
	<i>3</i>			
	<i>4</i>			
	<i>5</i>			
	<i>6</i>			
	<i>7</i>			
	<i>8</i>			
	<i>9</i>			
	<i>10</i>			
	<i>11</i>			
	<i>12</i>			
	<i>13</i>			
	<i>14</i>			
	<i>15</i>			
	<i>16</i>			
	<i>17</i>			
	<i>18</i>			
	<i>19</i>	<i>N</i>	<i>Site 5-1</i>	
	<i>20</i>	<i>"</i>	<i>area stripping</i>	
	<i>21</i>	<i>S</i>	<i>Site 5</i>	
	<i>22</i>	<i>"</i>	<i>view to site 7 over River Tame</i>	
	<i>23</i>	<i>S</i>		
	<i>24</i>	<i>I</i>		
	<i>25</i>	<i>/</i>	<i>VOID</i>	
	<i>26</i>	<i>N</i>	<i>Site 5</i>	
	<i>27</i>	<i>"</i>	<i>General: natural + laid sand</i>	
<i>19/5/05</i>	<i>28</i>	<i>W</i>	<i>Site 15</i>	
	<i>29</i>	<i>N</i>	<i>working shots with trains</i>	
	<i>30</i>	<i>"</i>		
	<i>31</i>	<i>NW</i>		
	<i>32</i>	<i>"</i>		
	<i>33</i>	<i>SW</i>		
	<i>34</i>	<i>/</i>	<i>VOID</i>	
	<i>35</i>	<i>W</i>		

W597265



4110105



PHOTOGRAPHIC RECORD SHEET

SITE CODE *WCH 05*

SITE NAME *WC Mainline*

FILM NO. *8*

Camera number *16*

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
<i>19/5/05</i>	<i>0</i>		<i>ID</i>	<i>lee</i>
	<i>1</i>	<i>E</i>	<i>Site 16</i>	
	<i>2</i>	<i>"</i>	<i>the ground</i>	
	<i>3</i>			
	<i>4</i>			
	<i>5</i>			
	<i>6</i>			
	<i>7</i>			
	<i>8</i>			
	<i>9</i>			
	<i>10</i>			
	<i>11</i>			
	<i>12</i>			
	<i>13</i>			
	<i>14</i>			
	<i>15</i>			
	<i>16</i>			
	<i>17</i>			
	<i>18</i>			
	<i>19</i>			
	<i>20</i>			
	<i>21</i>			
	<i>22</i>			
	<i>23</i>			
	<i>24</i>			
	<i>25</i>			
	<i>26</i>			
	<i>27</i>			
	<i>28</i>			
	<i>29</i>			
	<i>30</i>			
	<i>31</i>			
	<i>32</i>			
	<i>33</i>			
	<i>34</i>			
	<i>35</i>			

W597700



4/10/05