

Lower Thames Crossing

9.108 Diagrammatic Sections – Construction Compounds

Infrastructure Planning (Examination
Procedure) Rules 2010

Volume 9

DATE: October 2023
DEADLINE: 5

Planning Inspectorate Scheme Ref: TR010032
Examination Document Ref: TR010032/EXAM/9.108

VERSION: 1.0

Lower Thames Crossing

9.108 Diagrammatic Sections – Construction Compounds

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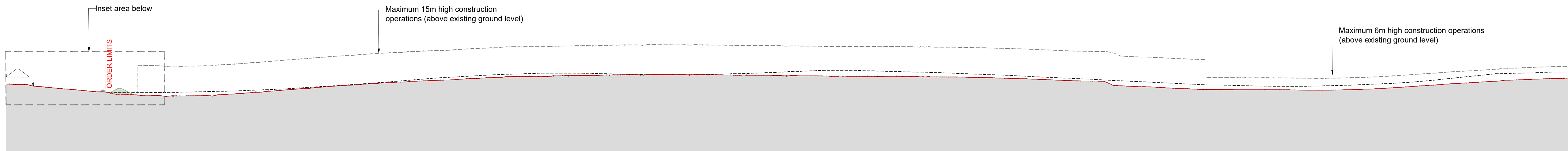
	Page number
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1 Introduction

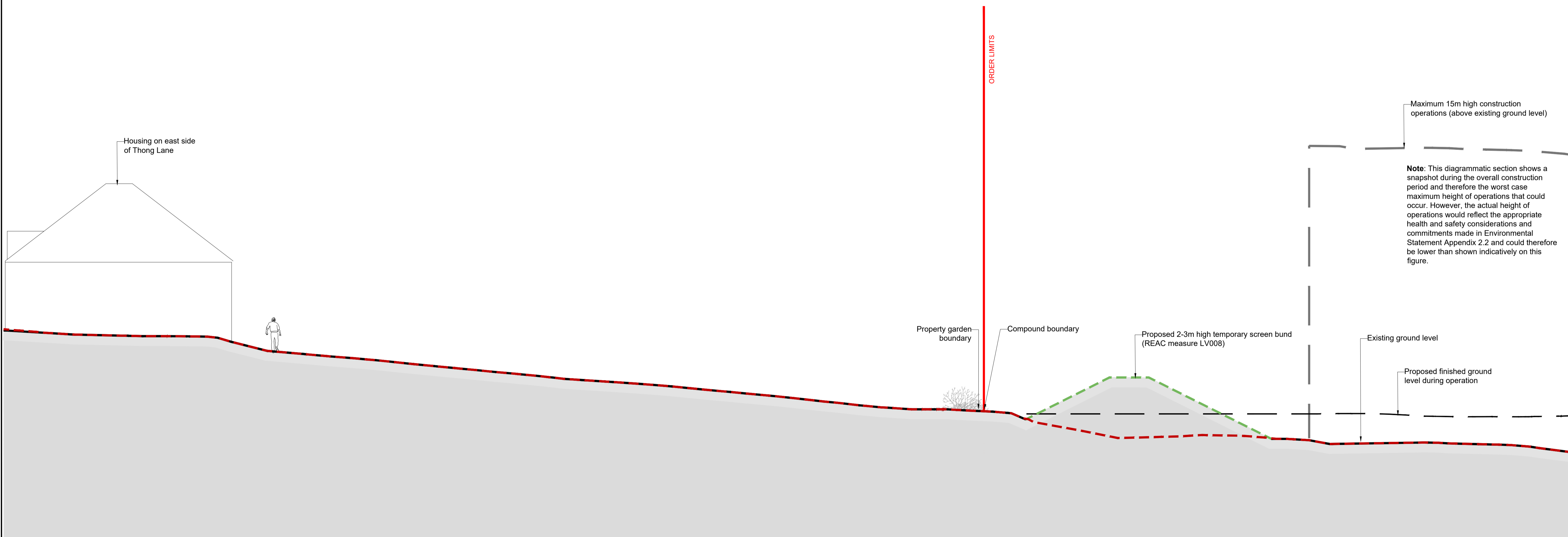
- 1.1.1 This document is submitted to the Planning Inspectorate on behalf of the Secretary of State in relation to an application made by National Highways (the Applicant) under section 37 of the Planning Act 2008.
- 1.1.2 The application is for the grant of development consent for the A122 Lower Thames Crossing. Should development consent be granted, the draft A122 (Lower Thames Crossing) Development Consent Order (Application Document 3.1) (the draft Order) will be made by the Secretary of State (subject to any modifications considered appropriate).
- 1.1.3 Further illustrative material in relation to construction compounds was requested by the Examining Authority (ExA) in its first written questions (ExQ1 Q12.3.6). A sample diagrammatic section was provided in the Applicant's response to Q12.3.6 in their Deadline 4 Submission - 9.89 Responses to the Examining Authority's ExQ1 Appendix H - 12 Physical Effects of Development & Operation [REP4-200], together with an undertaking to provide further diagrammatic sections at Deadline 5. Section 2 of this explanatory text lists the eight diagrammatic sections provided and the accompanying location plan. The Applicant's response to Q12.3.6 explains the basis for the sections provided.
- 1.1.4 The diagrammatic sections show a snapshot during the overall construction period and therefore the worst-case maximum height of construction operations that could occur. The maximum height of construction operations is taken from the maximum heights shown on the revised Zone of Theoretical Visibility (ZTV) figure submitted at Deadline 4, Environmental Statement Figure 7.8 ZTV - 5km DTM Analysis of Main Construction Compounds. The only exception is the A226 Gravesend Road Compound, for which a ZTV has not been prepared and therefore a worst-case assumption has been made for the purposes of preparing the diagrammatic section.
- 1.1.5 The diagrammatic sections include indicative information on:
- The maximum height of construction operations (above existing ground level)
 - The location, height and indicative profile of temporary screen bunds (where proposed)
 - The location and height of perimeter hoarding (where proposed)
- 1.1.6 A full section is shown at the top of each drawing, and where required large scale insets are included beneath to show key areas in more detail.
- 1.1.7 These diagrammatic sections are designed to be viewed on a screen and are shown at various scales which do not match those prescribed in Regulation 5(3) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009. The scales were chosen to suit the type of information displayed and so that interested parties can see the extents of the diagrammatic sections more easily on one drawing sheet, rather than spread over multiple sheets.

2 Schedule of Plans included in this application document

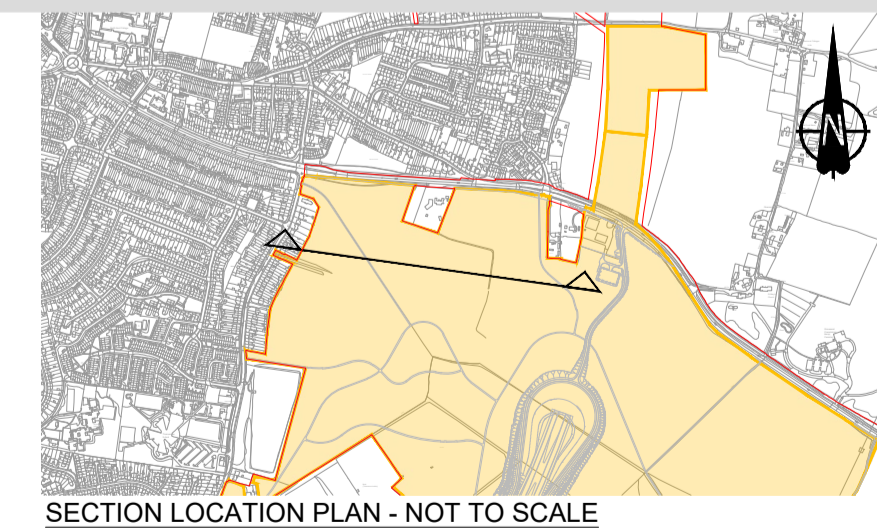
Document Title	Document Number	Revision
Southern Tunnel Entrance Compound - Diagrammatic Section (1 of 2)	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00544	P01
Marling Cross Compound Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00545	P01
A2 Compound Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00546	P01
Southern Tunnel Entrance Compound - Diagrammatic Section (2 of 2)	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00547	P01
A226 Gravesend Road Compound - Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00548	P01
Stifford Clays Road Compound East - Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00549	P01
Mardyke Compound - Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00550	P01
Ockendon Road Compound - Diagrammatic Section	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00551	P01
Construction Compounds Diagrammatic Section Locations	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00552	P01



01 Long Cross Section
00544 1:1000@A1



02 Cross Section - Inset
00544 1:100@A1



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	S8	29/09/2023	DEADLINE 5	KB	AK	JBa

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 - This drawing is to be read in conjunction with Plate 1.3 of 6.3 Environmental Statement - Appendix 2.1 - Construction Supporting Information [AS-049].
 - For details of the commitments relating to construction compounds, reference should be made to Environmental Statement Appendix 2.2 - Code of Construction Practice, First iteration of Environmental Management Plan [REP1-157]

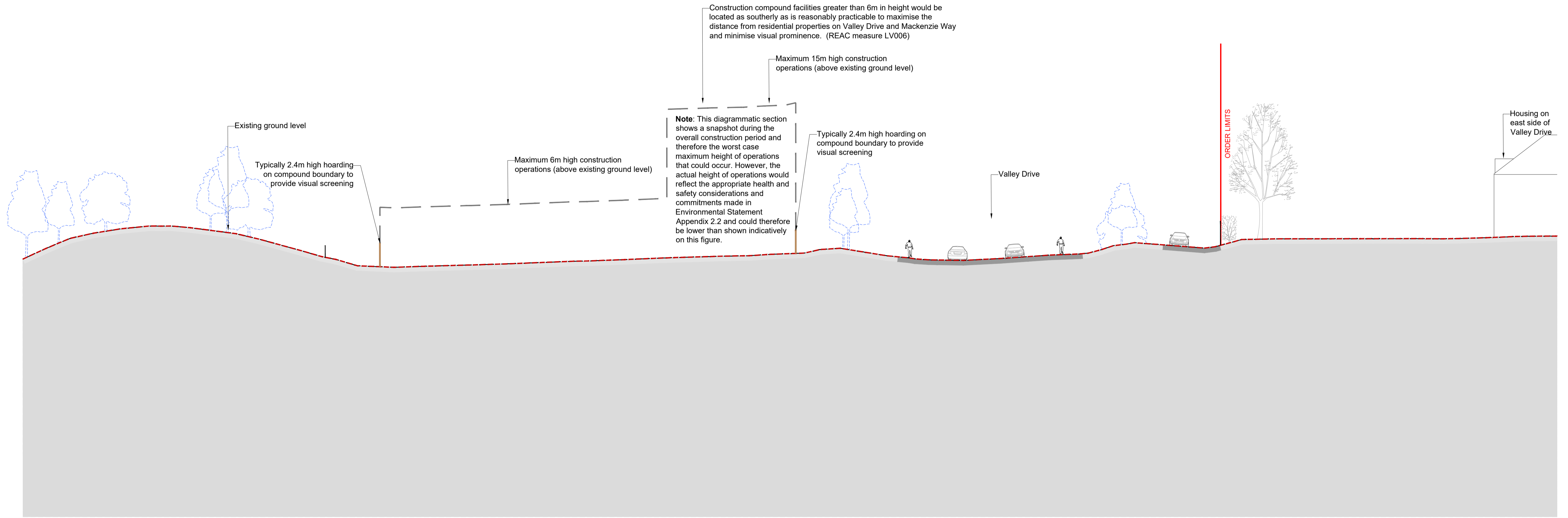
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PROPOSED TEMPORARY GROUND LEVEL DURING CONSTRUCTION	ORDER LIMITS
PROPOSED GROUND LEVEL DURING OPERATION	EXISTING VEGETATION TO BE RETAINED
PROPOSED HOARDING	REMOVED VEGETATION

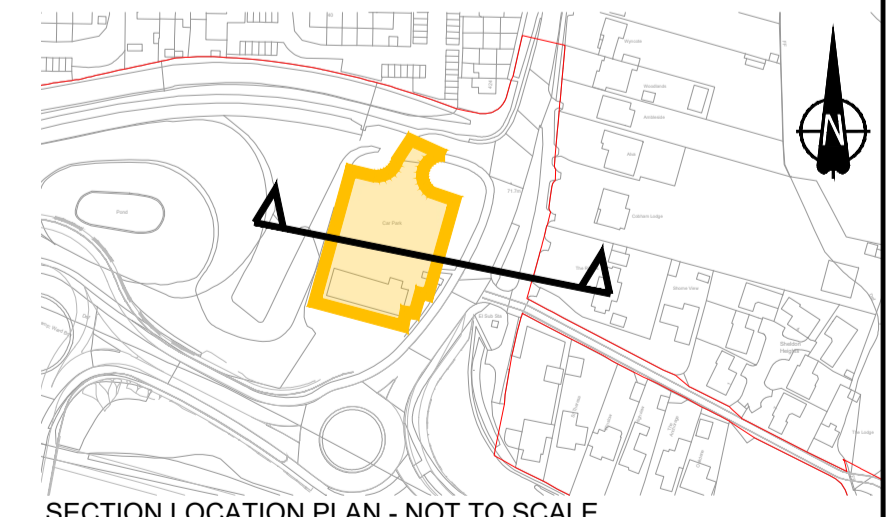
Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO EXAMINATION	Original Size	A1	Revision	P01
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Drawing number	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZ-DR-ZZ-00544				



01 Long Cross Section
00545 1:200@A1



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 - For details of the commitments relating to construction compounds, reference should be made to Environmental Statement Appendix 2.2 - Code of Construction Practice, First iteration of Environmental Management Plan [REP1-157] including the measures in the Register of Environmental Actions and Commitments (REAC).

KEY

EXISTING GROUND LEVEL	PROPOSED MAXIMUM EXTENT OF OPERATIONS
PROPOSED TEMPORARY GROUND LEVEL DURING CONSTRUCTION	ORDER LIMITS
PROPOSED GROUND LEVEL DURING OPERATION	EXISTING VEGETATION TO BE RETAINED
PROPOSED HOARDING	REMOVED VEGETATION

Client
national highways

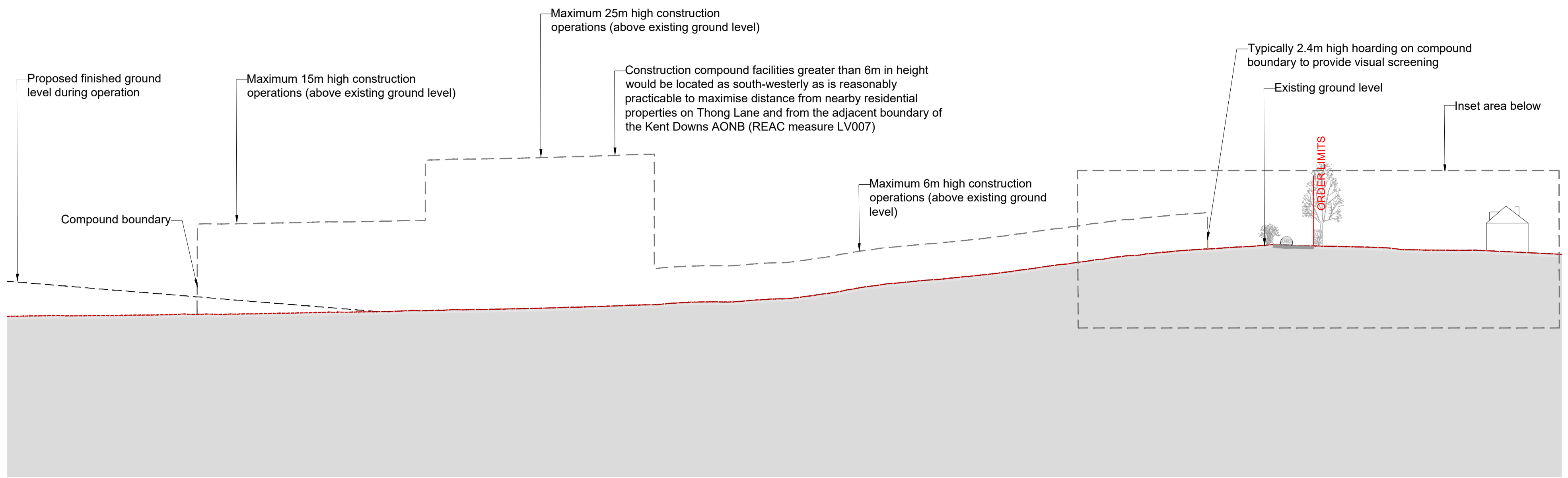
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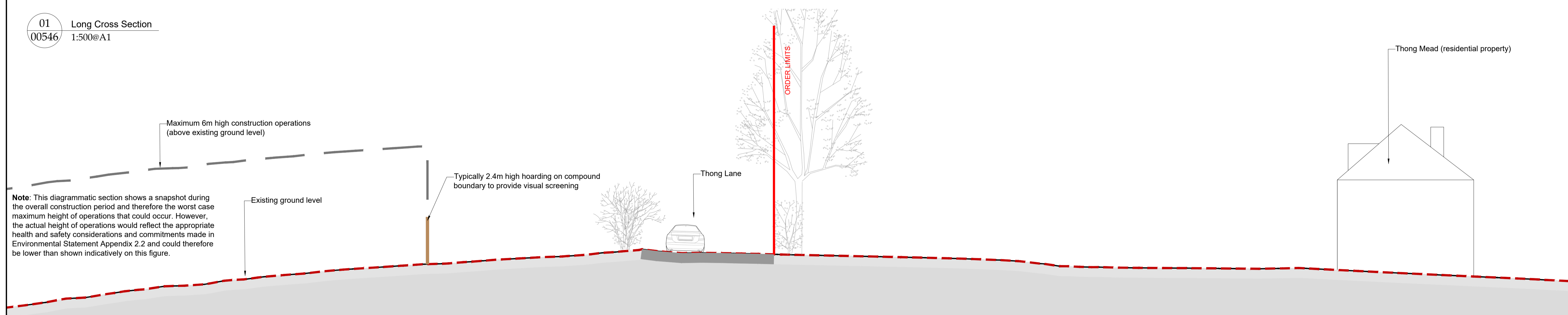
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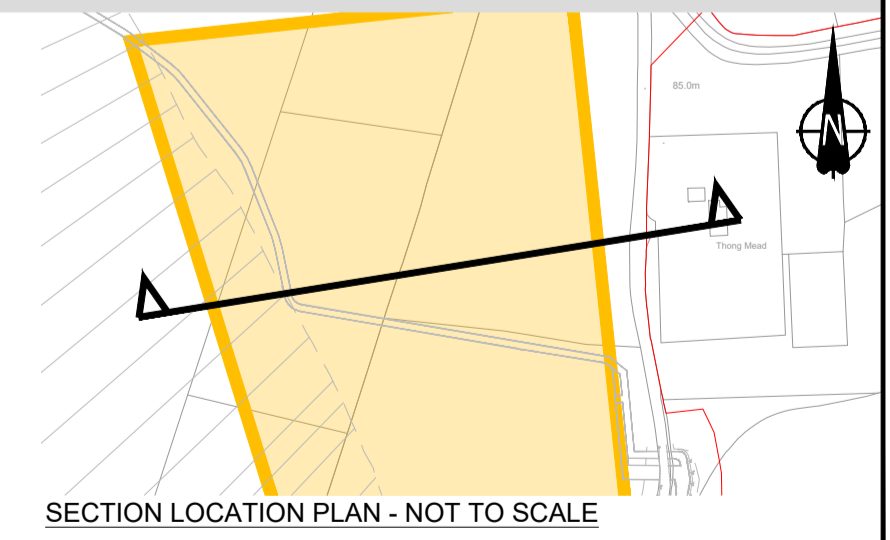
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Scale **AS SHOWN**



01 Long Cross Section
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02 Cross Section - Inset
00546 1:100@A1



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

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	PROPOSED TEMPORARY GROUND LEVEL DURING CONSTRUCTION		ORDER LIMITS
	PROPOSED GROUND LEVEL DURING OPERATION		EXISTING VEGETATION TO BE RETAINED
	PROPOSED HOARDING		REMOVED VEGETATION

Client:

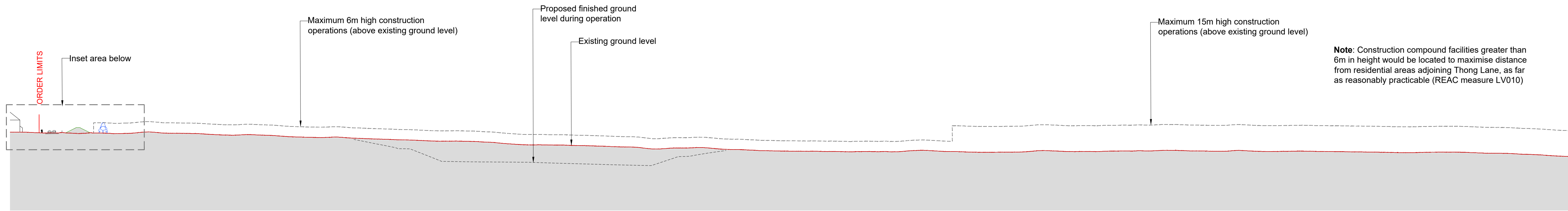
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Status: DCO EXAMINATION

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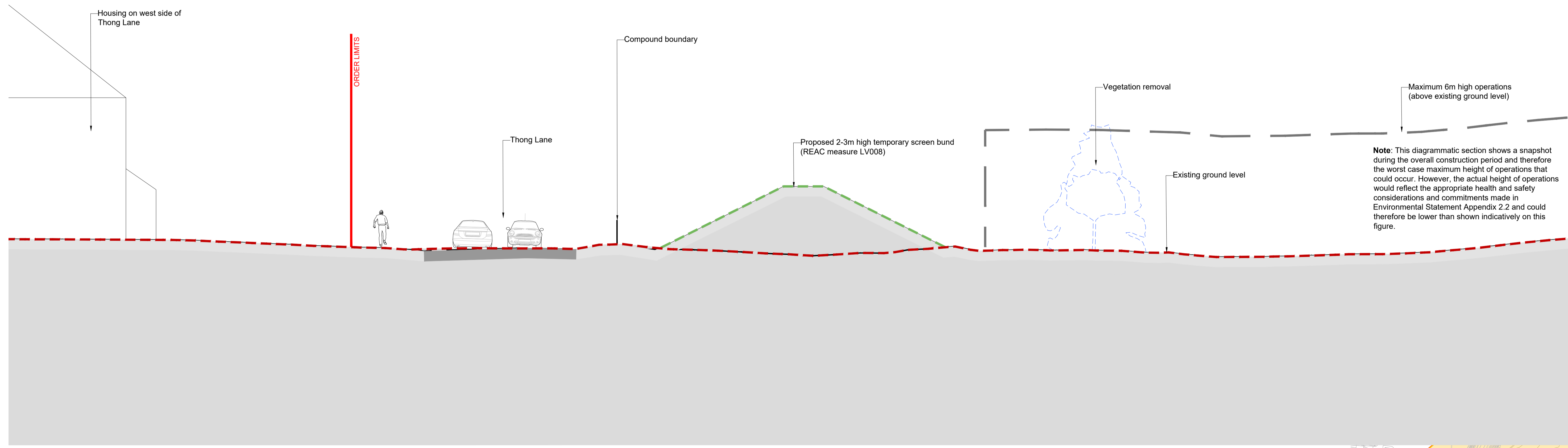
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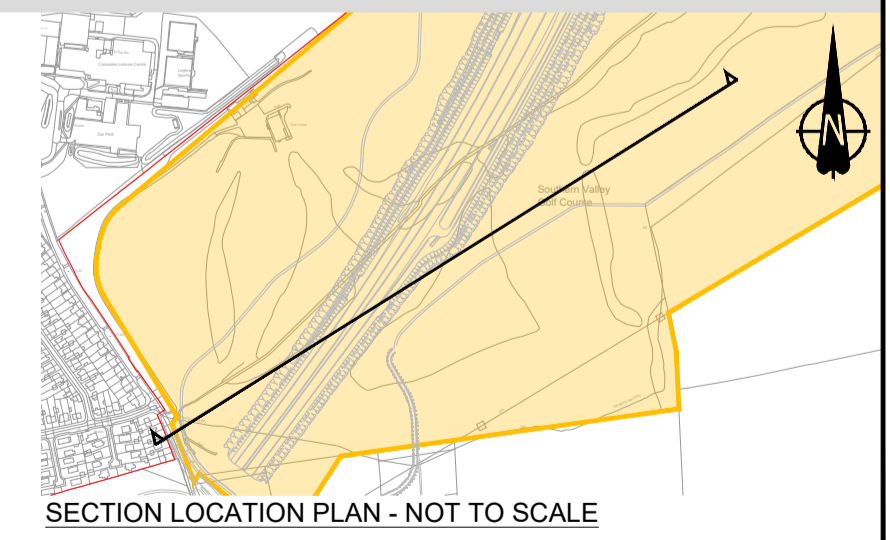
Note: Construction compound facilities greater than 6m in height would be located to maximise distance from residential areas adjoining Thong Lane, as far as reasonably practicable (REAC measure LV010)

01 Long Cross Section
00547 1:1250 @A1



Note: This diagrammatic section shows a snapshot during the overall construction period and therefore the worst case maximum height of operations that could occur. However, the actual height of operations would reflect the appropriate health and safety considerations and commitments made in Environmental Statement Appendix 2.2 and could therefore be lower than shown indicatively on this figure.

02 Cross Section - Inset
00547 1:100 @A1



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P01	S8	29/09/2023	DEADLINE 5	KB	AK	JBa
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7. For details of the commitments relating to construction compounds, reference should be made to Environmental Statement Appendix 2.2 - Code of Construction Practice, First iteration of Environmental Management Plan [REP1-157] including the measures in the Register of Environmental Actions and Commitments (REAC).

KEY

	EXISTING GROUND LEVEL		PROPOSED MAXIMUM EXTENT OF OPERATIONS
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	PROPOSED GROUND LEVEL DURING OPERATION		EXISTING VEGETATION TO BE RETAINED
	PROPOSED HOARDING		REMOVED VEGETATION

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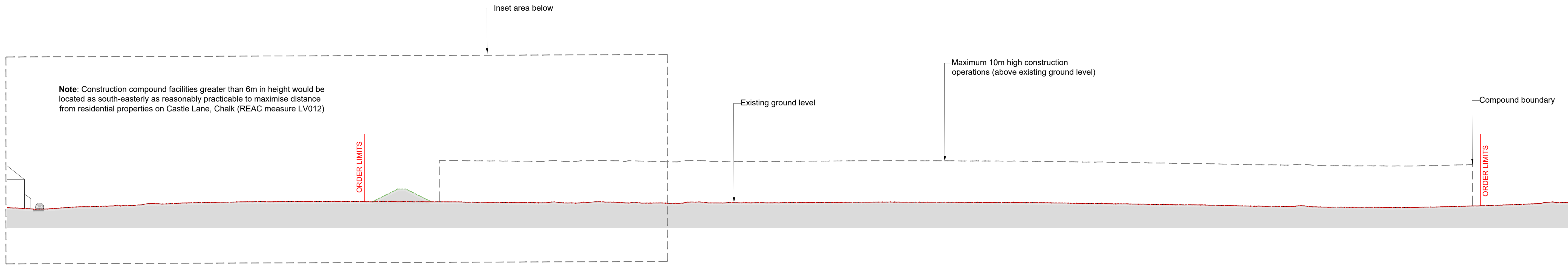
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Status
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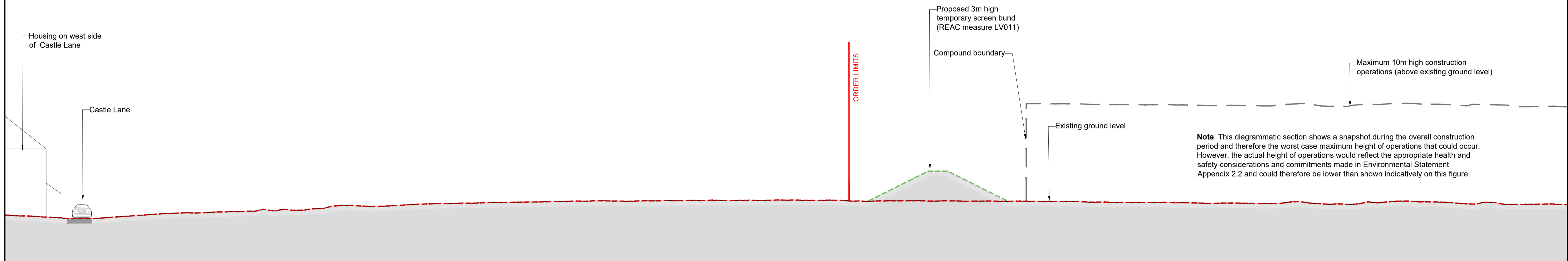
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Drawing number
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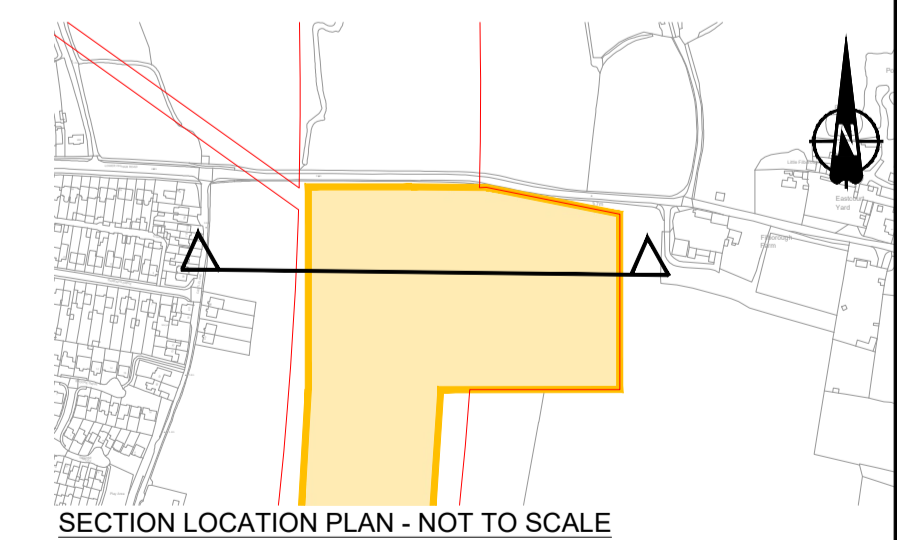
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01 Long Cross Section
00548 1:500 @A1



02 Cross Section - Inset
00547 1:100 @A1



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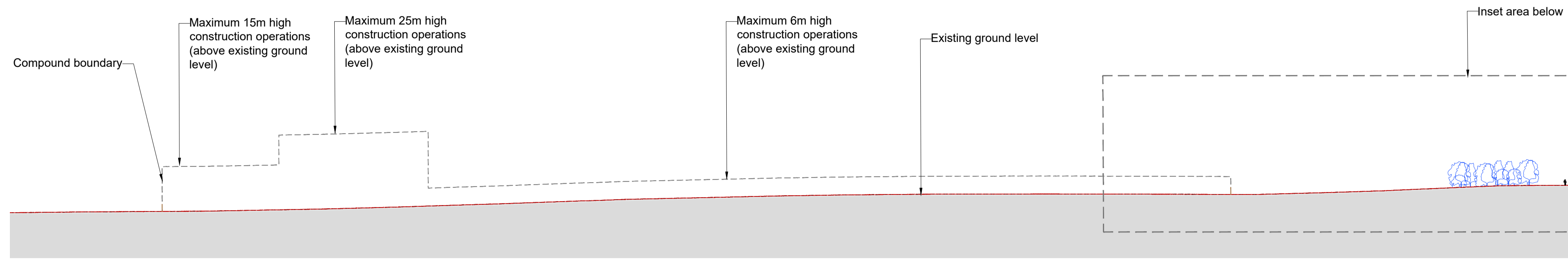
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	PROPOSED HOARDING		REMOVED VEGETATION

Client
national highways

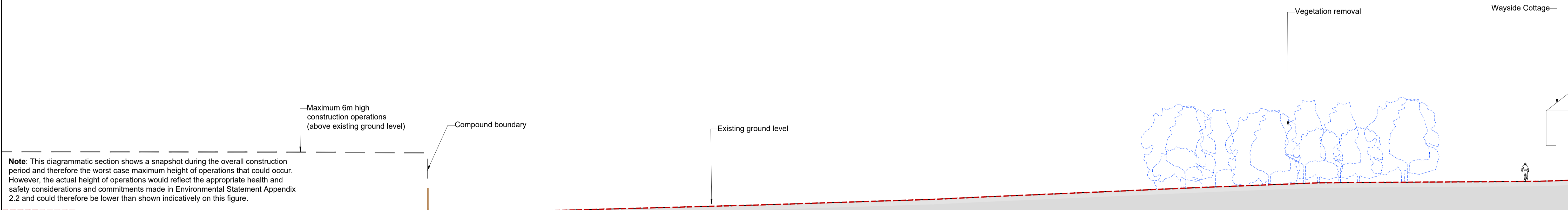
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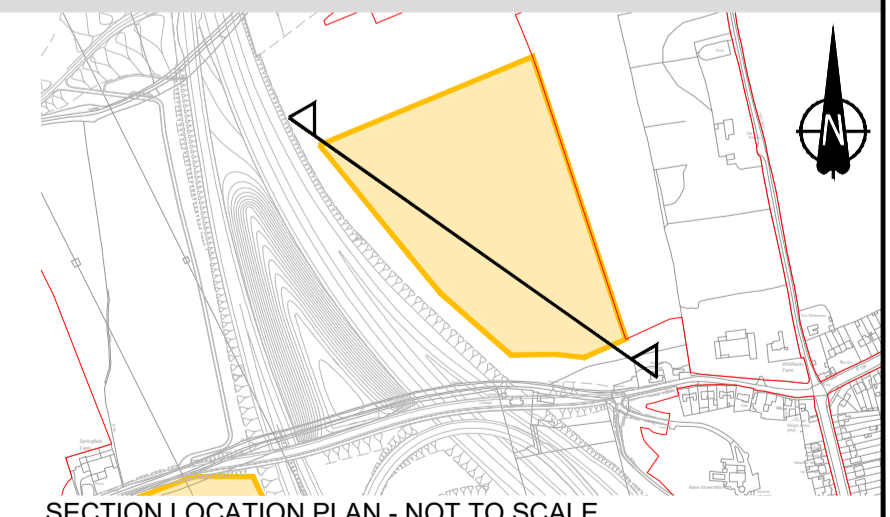


01 Long Cross Section
00549 1:1000 @A1



Note: This diagrammatic section shows a snapshot during the overall construction period and therefore the worst case maximum height of operations that could occur. However, the actual height of operations would reflect the appropriate health and safety considerations and commitments made in Environmental Statement Appendix 2.2 and could therefore be lower than shown indicatively on this figure.

02 Cross Section - Inset
00549 1:100 @A1



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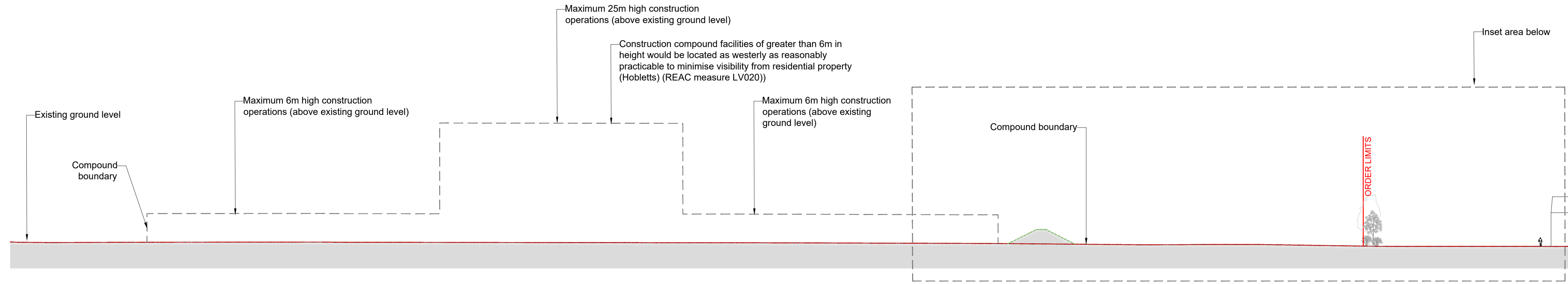
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	PROPOSED HOARDING		REMOVED VEGETATION

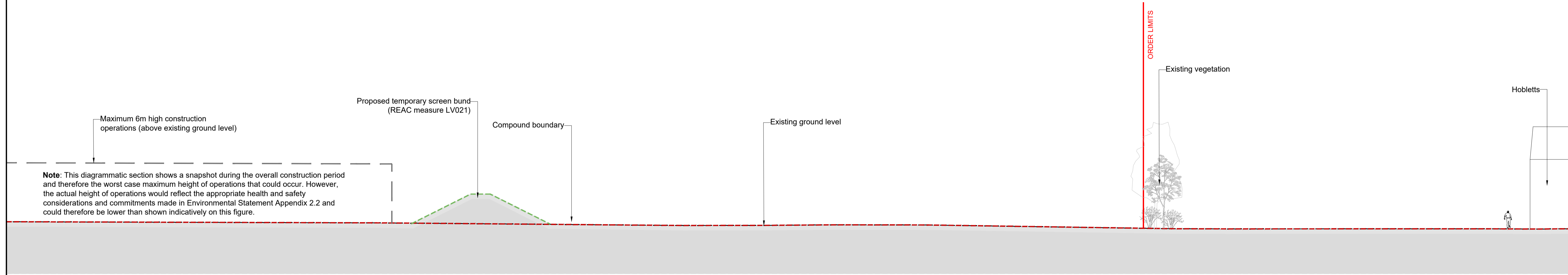
Client
national highways

Project
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Drawing number	HE540039-CJV-SAR-ZZZ_ZZZZZZZZ-DR-ZZ-00549				

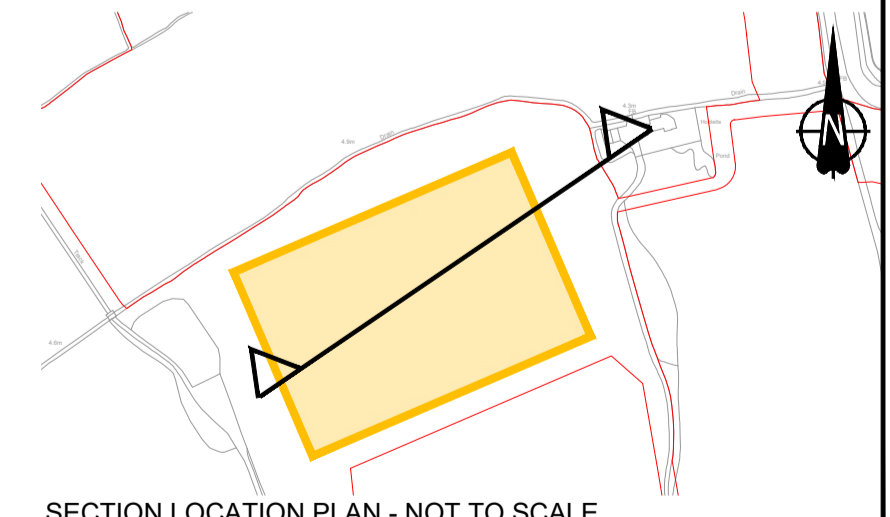


01 Long Cross Section
00550 1:500 @A1



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02 Cross Section - Inset
00550 1:200 @A1



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	PROPOSED GROUND LEVEL DURING OPERATION		EXISTING VEGETATION TO BE RETAINED
	PROPOSED HOARDING		REMOVED VEGETATION

Client

Project

LOWER THAMES CROSSING

Status

DCO EXAMINATION

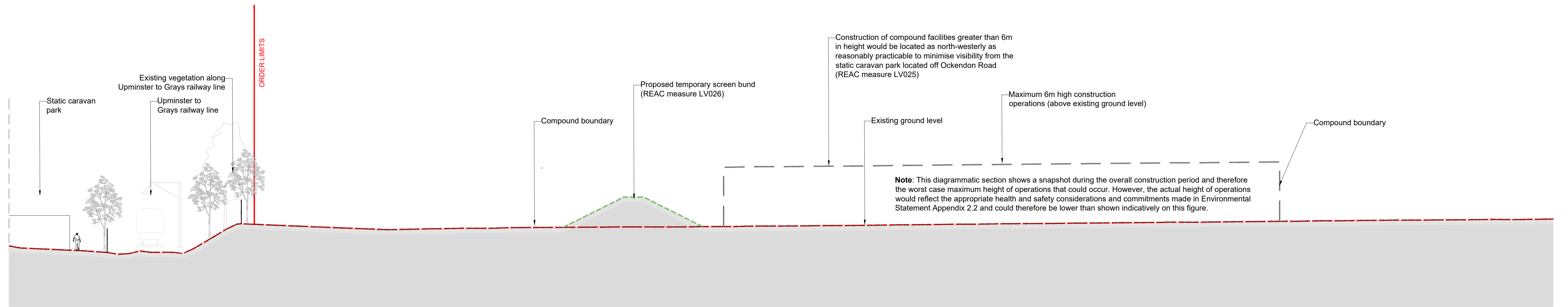
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MARDYKE COMPOUND - DIAGRAMMATIC SECTION

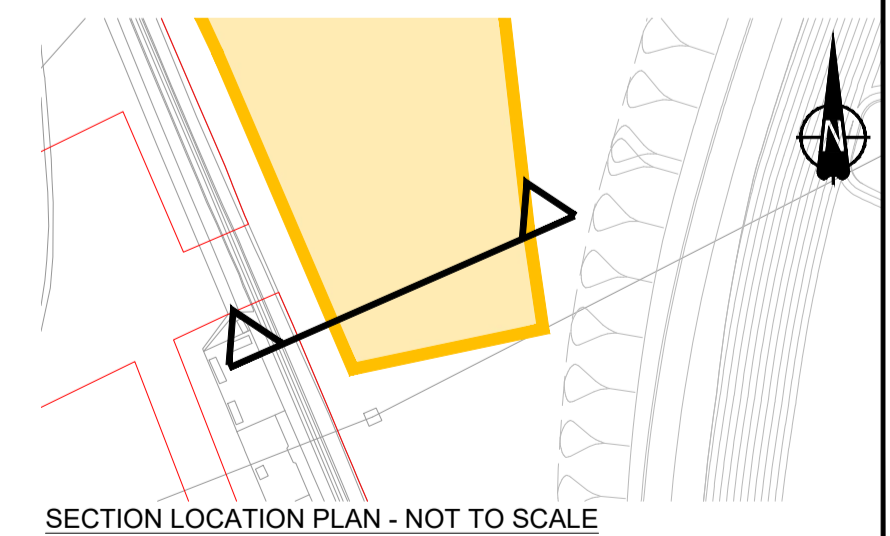
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Original Size	Revision
A1	P01
Scale	AS SHOWN



01 Long Cross Section
00551 1:200 @A1



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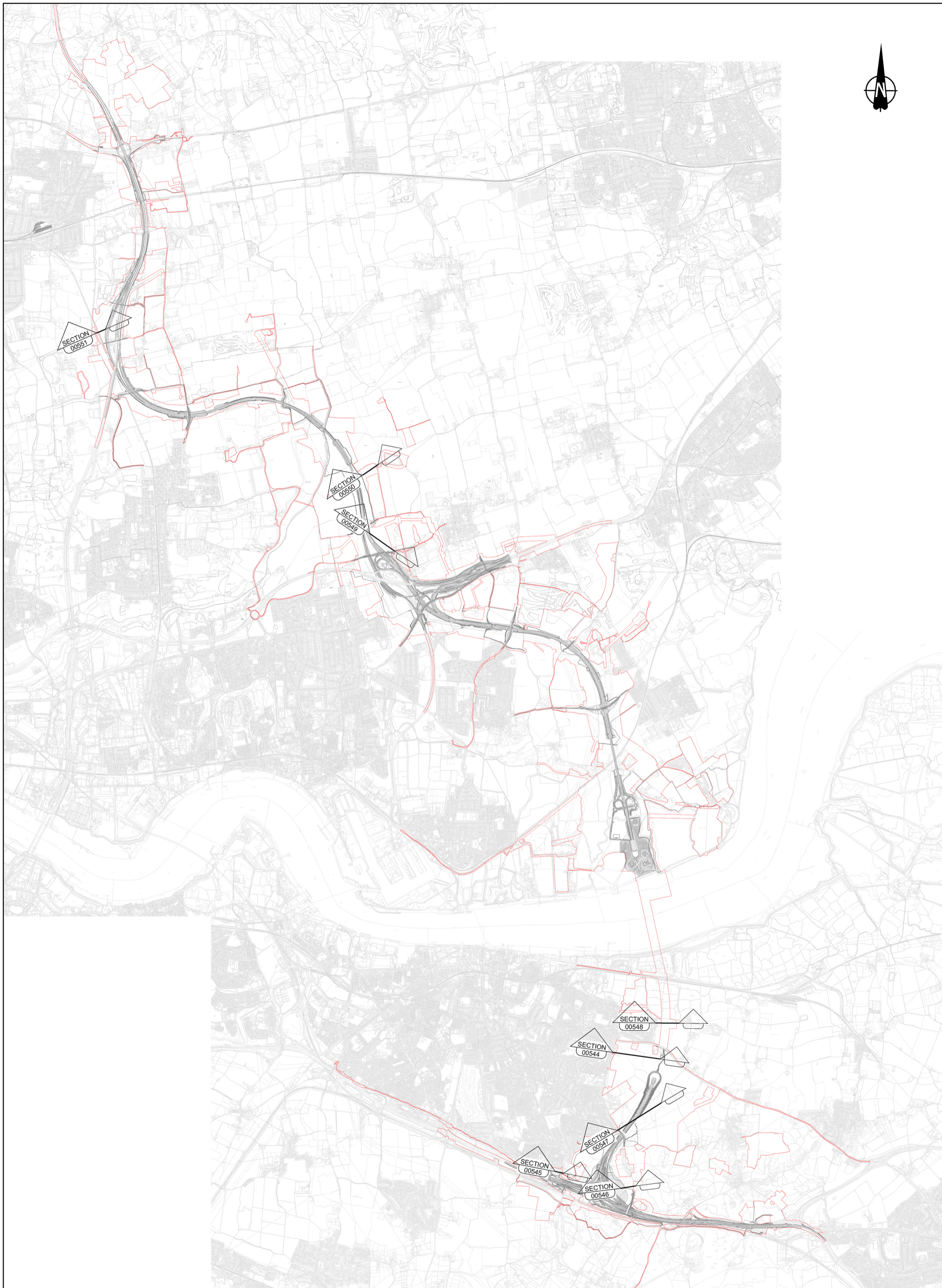
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	PROPOSED HOARDING		REMOVED VEGETATION


Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO EXAMINATION	Original Size	A1	Revision	P01
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Drawing number	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00551				




Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
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Client	
Project	LOWER THAMES CROSSING
Drawing title	CONSTRUCTION COMPOUNDS CROSS SECTIONS LOCATIONS

Status	DCO EXAMINATION
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Revision	P01
Scale	AS SHOWN
Drawn	KB
Checked	AK
Approved	JBa
Drawing number	HE540039-CJV-SAR-ZZZ_ZZZZZZZZZZ-DR-ZZ-00552

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Client	
Project	LOWER THAMES CROSSING
Drawing title	CONSTRUCTION COMPOUNDS CROSS SECTIONS LOCATIONS

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