

# Lower Thames Crossing

2.9 Engineering Drawings and Sections

Volume B (A122 LTC Cross Sections) (Clean version)

APFP Regulation 5(2)(o) and 6(2)

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Volume 2

DATE: August 2023 DEADLINE: 3

Planning Inspectorate Scheme Ref: TR010032 Application Document Ref: TR010032/APP/2.9

VERSION: 2.0

### **Revision history**

Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	24 August 2023	Deadline 3

# Lower Thames Crossing

List of contents

### Page number

Introduction	1
Schedule of Plans included in this application document	4

## 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 This document comprises part of the suite of application documentation and is included in the application to comply with Regulations 5(2)(o) and 6(2) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 2009 Regulations), which require:
  - a. 5(2)(o) 'any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping.
  - b. 6(2) If the application is for highway related development or for the construction or alteration of a railway, it must be accompanied by section drawings to suitable horizontal and vertical scales, which show, by reference to Ordnance Survey or Chart datum:
  - c. the levels of the proposed works, including in particular and where relevant:
    - i. ground levels;
    - ii. the height of every proposed bridge, viaduct, aqueduct, embankment and elevated guideway;
    - iii. the depth of every proposed cutting and tunnel;
    - iv. the levels of the bed of any tidal waters or inland waterway in which it is proposed that any works should be situated;
    - the height of every structure or device (including a cable, but not catenary and related equipment) intended to be erected above, on or below the surface of, or on or beneath the bed of tidal waters or an inland waterway; and
    - vi. drainage outfall details for highways;

- 1.1.4 The purpose of the Engineering Drawings and Sections Plans is to show the key features of the Project for which development consent is sought. The set shows details of the proposed road plan and longitudinal profile including the ground levels, the height of certain structures and embankments, the depth of proposed cuttings and tunnel, and the indicative location and level of drainage outfall features.
- 1.1.6 For each section, the Applicant has provided a key plan of the corresponding geographical area that provides the sheet number and a description of the associated road works to help with its identification within the set. It is important to note that the plans are numbered in each of the aforementioned sections and that the numbering system does not apply to the set as whole.
- 1.1.7 The key plans use a smaller scale than that prescribed in Regulation 5(3) of the 2009 Regulations so that the Project or the section of the Project can be represented in a single sheet plan. The scales in the key plans vary from 1:50000 to 1:5000. The remaining sheets in the set containing the plan and profiles and the cross sections have been prepared at a horizontal scale of 1:2500 and a vertical scale of 1:250.
- 1.1.8 As this document has been informed by and is part of the application documentation it should be read alongside the other application documents. In particular, the plans should be read alongside the Works Plans (Application Document 2.6) and Schedule 1 of the draft Order (Application Document 3.1). Article 6 of the draft Order should also be referred to as it provides the reference points for the application of the upwards and downwards vertical limits of deviation applicable to the elements of the works.
- 1.1.9 Numbered works shown in the Engineering Drawings and Sections Plans are consistent with the information presented in the Works Plans (Application Document 2.6) and Schedule 1 of the draft Order (Application Document 3.1). Further details of the proposed bridges and tunnel structures are provided in the Structures Plans (Application Document 2.13).
- 1.1.10 The information shown on the plans is commensurate with the preliminary design status of the Project. The detailed design will be in accordance with the extent of the defined limits of deviation provided and any approval required under the DCO requirements set out in Schedule 2 of the draft Order (Application Document 3.1).
- 1.1.11 The lateral limits of deviation for the works are shown in the Works Plans (Application Document 2.6) and in the Tunnel Limits of Deviation (Application Document 2.15); article 6 of the draft Order establishes the vertical limits of deviation. Further information about the limits of deviation is provided in the Introduction to the Application (Application Document 1.3).
- 1.1.12 The Engineering Drawings and Sections show the Order Limits. In this plan set, 'the Order Limits' mean the limits of lands to be acquired or used, permanently or temporarily, within which the authorised development may be carried out (see article 2 of the draft Order (Application Document 3.1)).
- 1.1.13 To ensure that the file size of this document does not exceed the 50MB limit prescribed by the Planning Inspectorate, the set has been split into eight volumes:

- a. Volume A contains the A122 Lower Thames Crossing Plan and Profiles;
- b. Volume B contains the A122 Lower Thames Crossing Cross Sections;
- c. Volume C contains the A2/M2 Plan and Profiles and A2 Mainline Plan and Profiles;
- d. Volume D contains the A122 Lower Thames Crossing/A2 Junction Plan and Profiles;
- e. Volume E contains the South Portal Plan and Profiles and Tilbury Plan and Profiles;
- f. Volume F contains the A13 Junction Plan and Profile;
- g. Volume G contains the A122 Lower Thames Crossing/M25 Junction Plan; and
- h. Volume H contains the Overhead Diversion Route and Pylon general arrangements.
- 1.1.14 These plans have been updated at Deadline 1 to address minor drafting inaccuracies.
- 1.1.15 These plans have been updated for Deadline 3 to include the minor amendments as advised by the Examining Authority in Rule 9 [PD-022].

# Schedule of Plans included in this application document

Document Title	Document Number	Revision
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) KEY PLAN	TR010032/APP/2.9	P02
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 1	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 2	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 3	TR010032/APP/2.9	P02
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 4	TR010032/APP/2.9	P02
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 5	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 6	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 7	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 8	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 9	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 10	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 11	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 12	TR010032/APP/2.9	P02

Document Title	Document Number	Revision
A122 LTC PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 13	TR010032/APP/2.9	P01
A122 LTC PLAN AND PROFILES REGULATION 5(2)(o) AND 6(2) SHEET 14	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) KEY PLAN	TR010032/APP/2.9	P02
CROSS SECTIONS REGULATION 5(2)(o) AND 6(2) SHEET 1	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 2	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 3	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(o) AND 6(2) SHEET 4	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 5	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 6	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 7	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 8	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 9	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 10	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 11	TR010032/APP/2.9	P01

Document Title	Document Number	Revision
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 12	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 13	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 14	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 15	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 16	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 17	TR010032/APP/2.9	P01
CROSS SECTIONS REGULATION 5(2)(0) AND 6(2) SHEET 18	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) KEY PLAN	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 1	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 2	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 3	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 4	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 5	TR010032/APP/2.9	P01
A2/M2 PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 6	TR010032/APP/2.9	P01

Document Title	Document Number	Revision
A2 MAINLINE – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) KEY PLAN	TR010032/APP/2.9	P01
A2 MAINLINE – PLAN AND PROFILES REGULATION 5(2)(o) AND 6(2) SHEET 1	TR010032/APP/2.9	P01
A2 MAINLINE – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 2	TR010032/APP/2.9	P01
A2 MAINLINE – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 3	TR010032/APP/2.9	P01
A2 MAINLINE – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 4	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) KEY PLAN	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(o) AND 6(2) SHEET 1	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 2	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 3	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 4	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 5	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 6	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 7	TR010032/APP/2.9	P01
A122 LTC/A2 JCT – PLAN AND PROFILES REGULATION 5(2)(o) AND 6(2) SHEET 8	TR010032/APP/2.9	P01

December 17/1		
Document Title	Document Number	Revision
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 9		Det
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 10		Dat
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 11		
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 12		
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 13		
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 14		
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 15		
A122 LTC/A2 JCT – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 16		
SOUTH PORTAL – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
KEY PLAN		5
SOUTH PORTAL – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 1		5.4
SOUTH PORTAL – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P02
REGULATION 5(2)(o) AND 6(2)		
KEY PLAN		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 1		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		

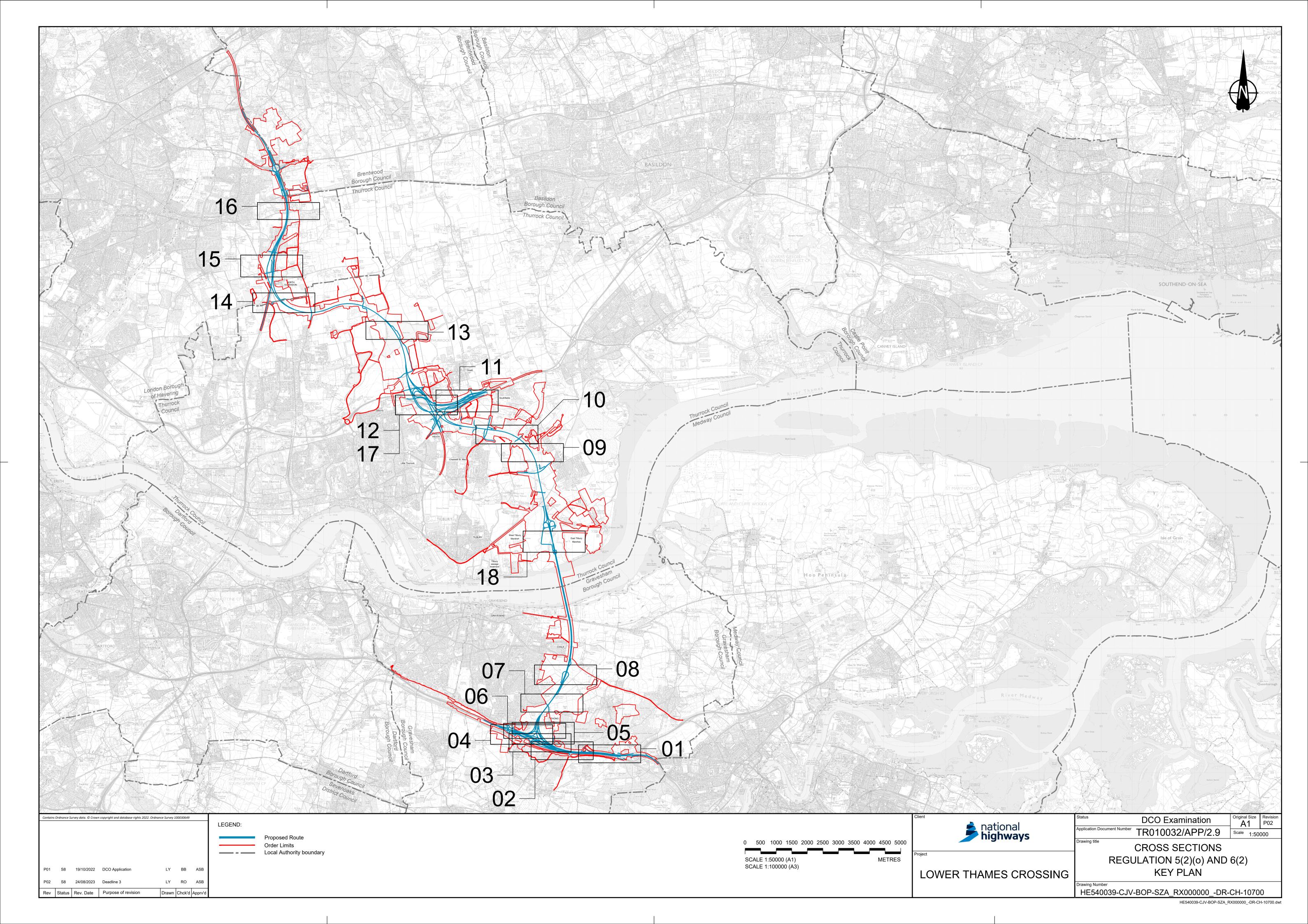
Document Title	Document Number	Revision
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 3		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P02
REGULATION 5(2)(o) AND 6(2)		
SHEET 4		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P02
REGULATION 5(2)(o) AND 6(2)		
SHEET 5		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P02
REGULATION 5(2)(o) AND 6(2)		
SHEET 6		
TILBURY – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 7		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
KEY PLAN		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 1		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 3		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 4		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 5		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 6		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 7		
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P02
REGULATION 5(2)(o) AND 6(2)		
SHEET 8		

Document Title	Document Number	Revision
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 9	TR010032/APP/2.9	P02
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 10	TR010032/APP/2.9	P02
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 11	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 12	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 13	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 14	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 15	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 16	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 17	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 18	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 19	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 20	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 21	TR010032/APP/2.9	P01
A13 JUNCTION – PLAN AND PROFILES REGULATION 5(2)(0) AND 6(2) SHEET 22	TR010032/APP/2.9	P01

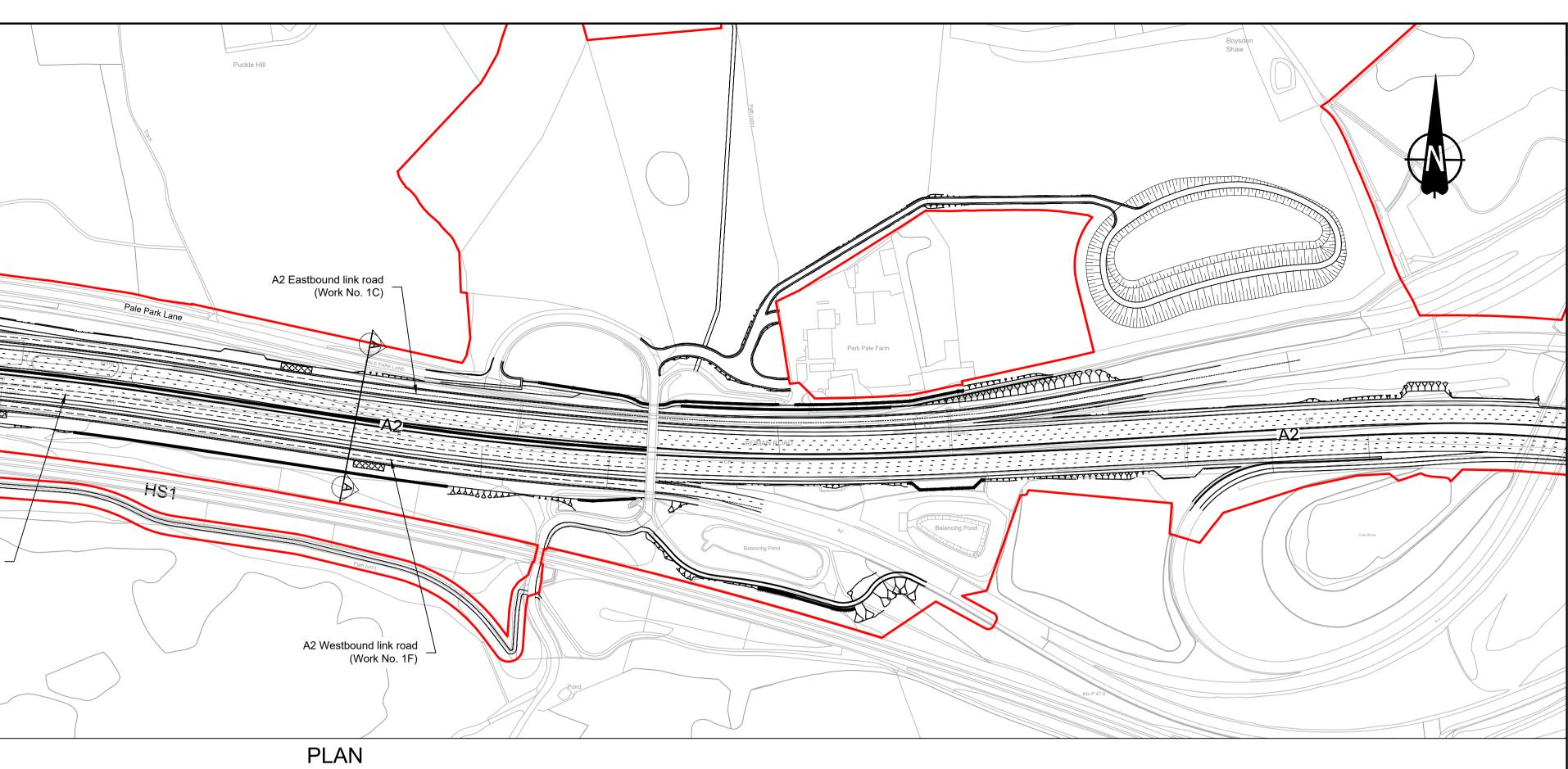
Document Title	Document Number	Revision
A13 JUNCTION – PLAN AND PROFILES	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 23		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
KEY PLAN		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 1		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 3		_
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 4	TD0/0000/ADD/0.0	504
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2) SHEET 5		
	TD040020/ADD/2.0	D04
	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2) SHEET 6		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)	TR010032/AFF/2.9	FUI
SHEET 7		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)	11010002//11/2.0	
SHEET 8		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 9		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 10		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 11		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 12		

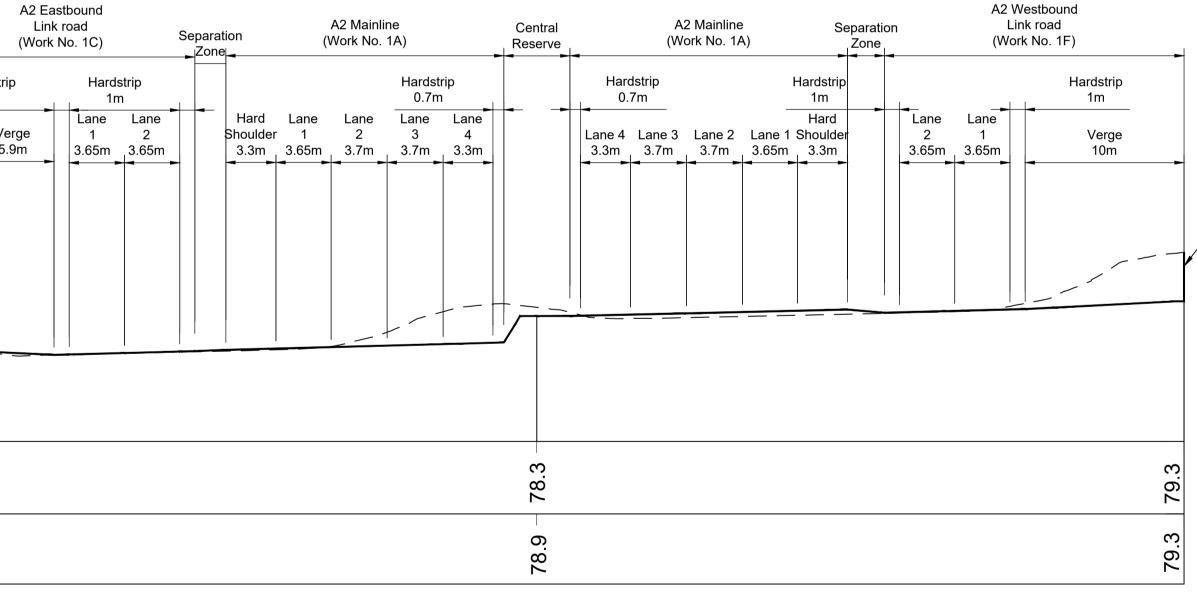
Document Title	Document Number	Revision
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 13		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 14		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 15		
A122 LTC/M25 JUNCTION	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 16		
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		101
PYLON LAYOUT		
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
	TR010052/AFF/2.9	FUI
REGULATION 5(2)(o) AND 6(2) SHEET 1		
		D01
	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		5.4
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 3		
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 4		
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 5		
OVERHEAD DIVERSION ROUTE	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 6		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 1		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 2		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 3 - L7c D E12		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 4 - L7c D30 E12		
Planning Inspectorate Scheme Ref: TR010032	1	1

Document Title	Document Number	Revision
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 5 - L7c D E3		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(o) AND 6(2)		
SHEET 6 - L7c D30 E9		
PYLON GENERAL ARRANGEMENT	TR010032/APP/2.9	P01
REGULATION 5(2)(0) AND 6(2)		
SHEET 7 - L7c DT E9		

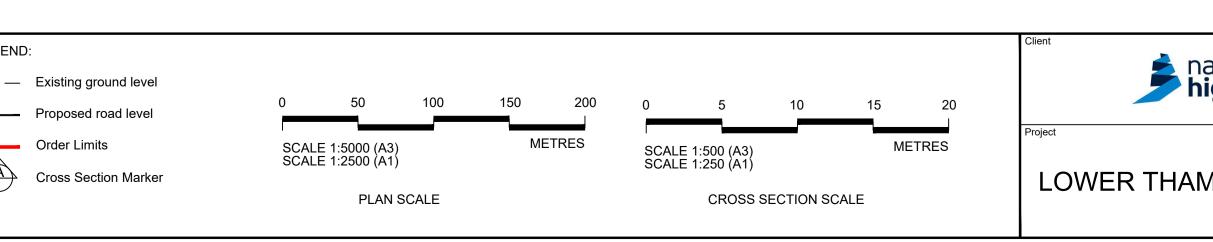


	Shorne Wood Country Park		
Datum = 70.0	Boughint	Brewers Wood	
All and a second	Pet Hotel		
Error and and an and a second a			
Datum = 70.0			
A2 Mi records 1 in 3 Datum = 70.0 Proposed Levels g		<u>ΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫΫ</u>	
Eathworks cut 1 in 3 Datum = 70.0 Proposed Levels	Fish Pond (um) Utged		A2 M (Work N
Earthworks cut 1 in 3 Datum = 70.0 Proposed Levels			
Earthworks out 1 in 3 Datum = 70.0 Proposed Levels			0/
			Earthworks cut 1 in 3
		Datum = 70.0	cut
		Proposed Leve	Earthworks cut 1 in 3
NOTES: I. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).	NOTES: 1. The proposed works shown are illusi design development. Any changes w	Proposed Level Existing Levels	Earthworks cut 1 in 3
NOTES:           1. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the	<ol> <li>The proposed works shown are illust design development. Any changes w Development Consent Order (applica 2. These plans should be read in conju Development Consent Order (applica 3. Do not scale from this drawing.</li> </ol>	Proposed Leve Existing Levels	Earthworks cut 1 in 3



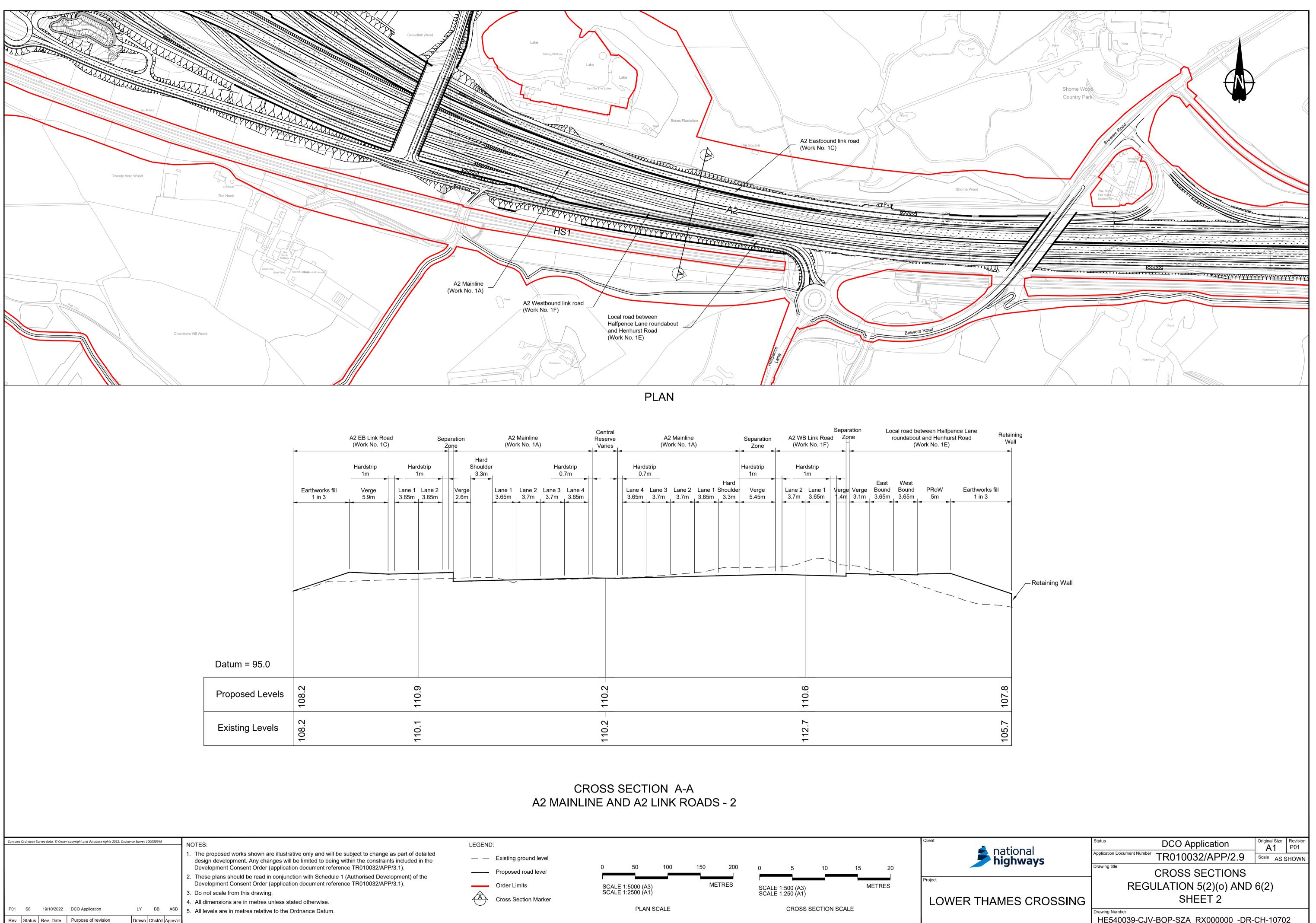


CROSS-SECTION A-A A2 MAINLINE AND A2 LINK ROADS - 1

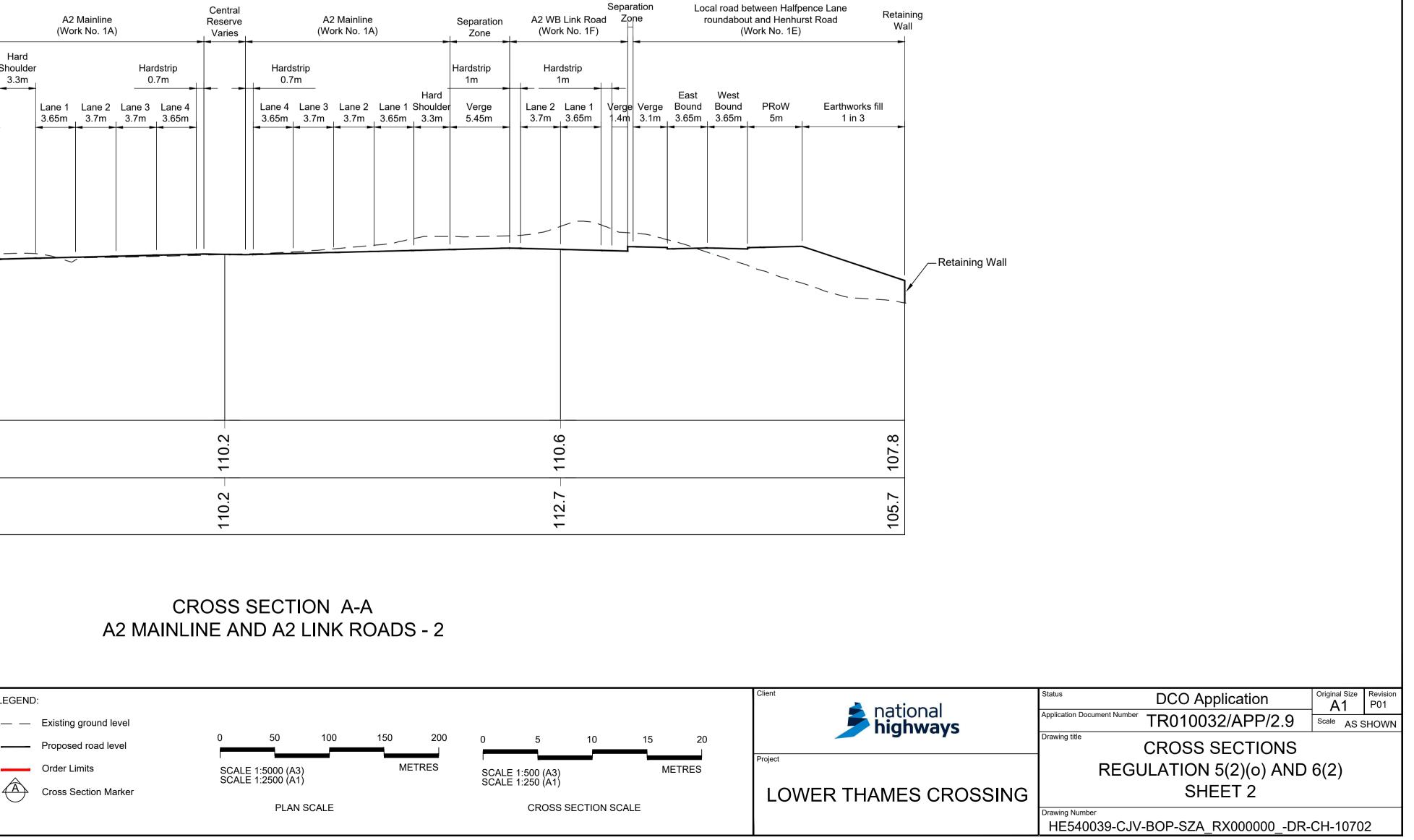


-Retaining Wall

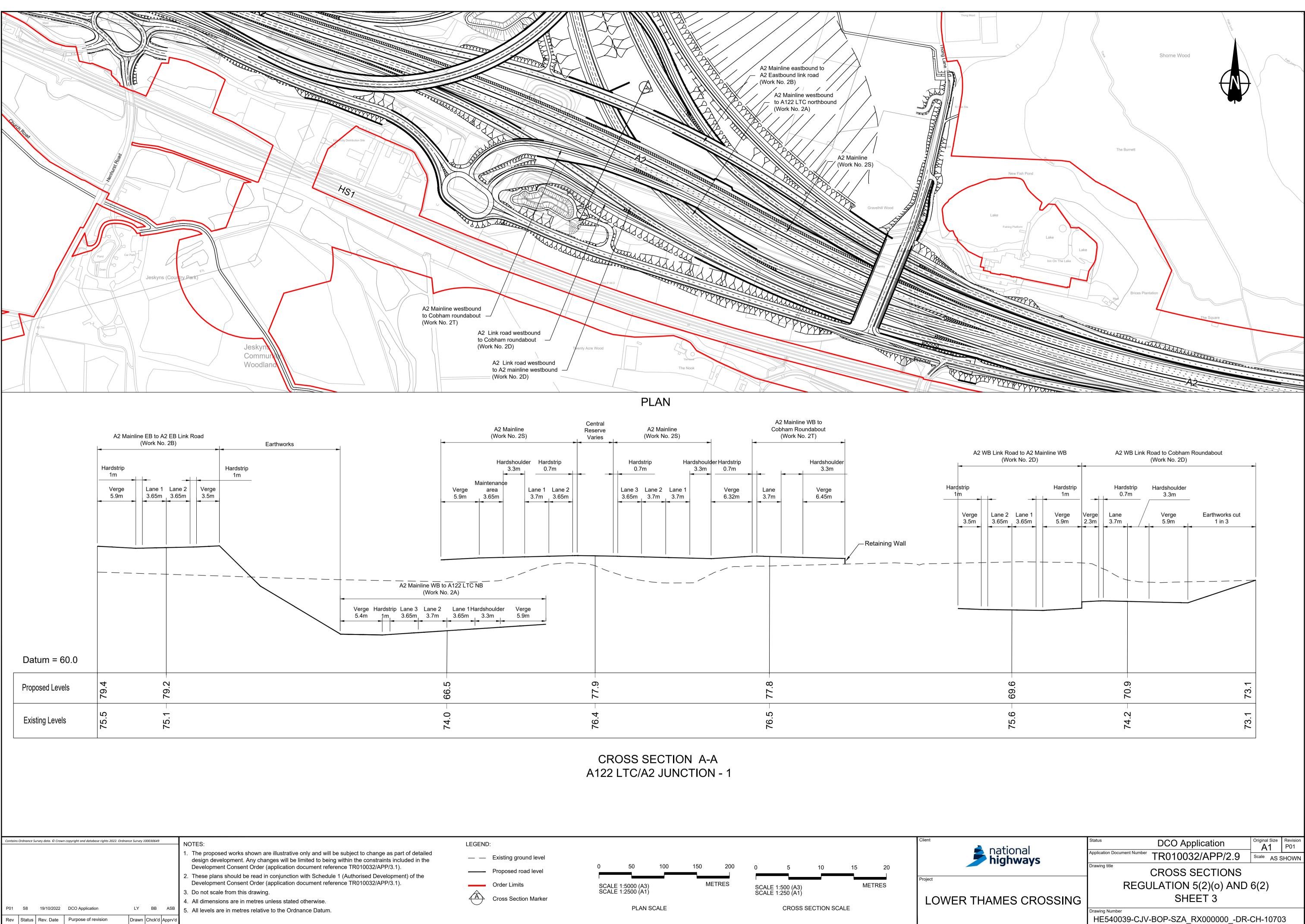
ational	Status DCO Application		Original Size	Revision P01				
ational <b>ighways</b>	Application Document Number TR010032/APP/2.	9		SHOWN				
iginiays	Drawing title CROSS SECTION	IS						
	REGULATION 5(2)(0) AND 6(2)							
MES CROSSING	SHEET 1							
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-CH-10701							
	HE540039-CJV-BO	P-SZA_R	X000000DR-CI	H-10701.dwt				



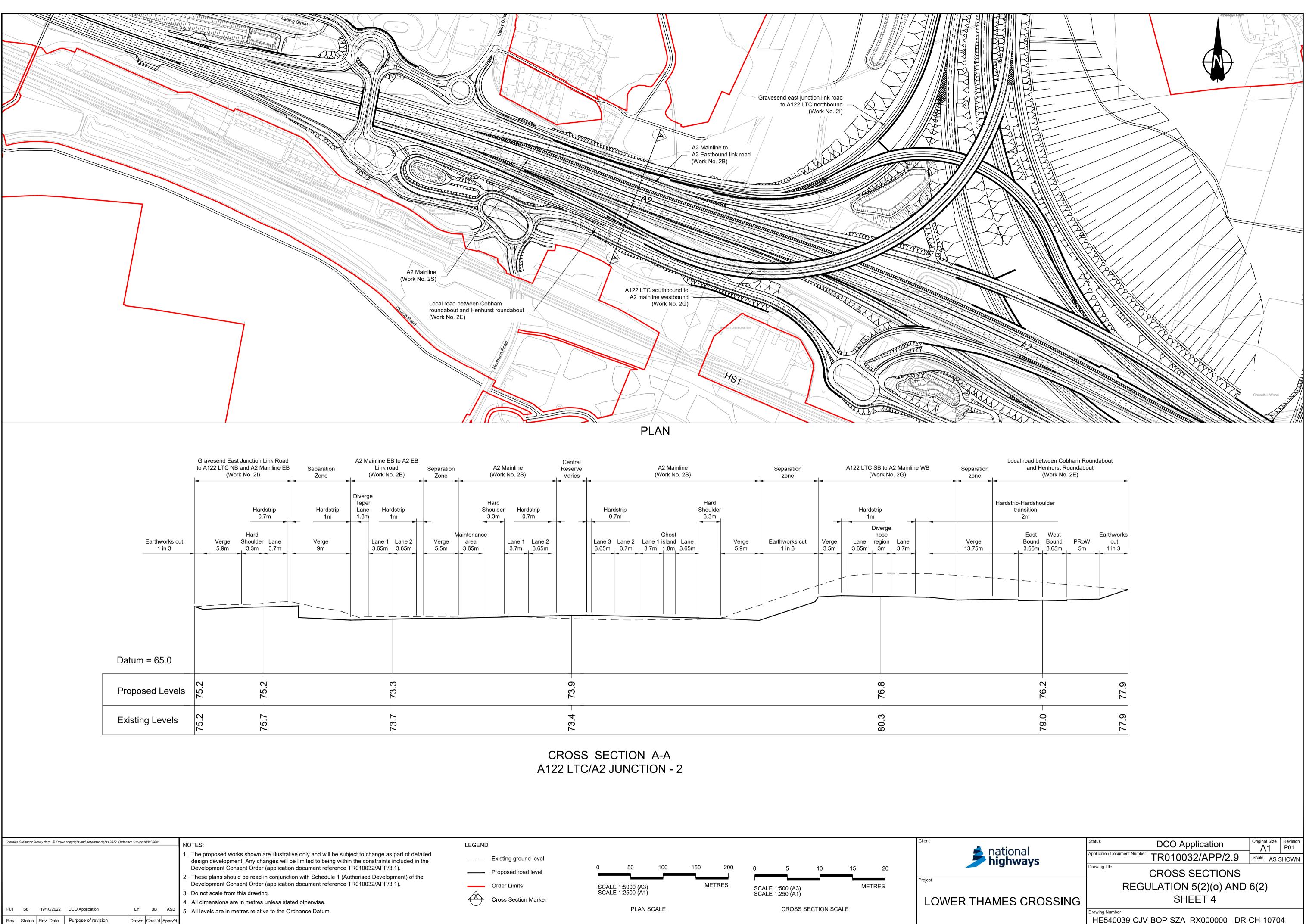
P01	S8	19/10/2022	DCO Application	LY	BB	ASB	<ol> <li>All dimensions are in metres unless stated otherwise.</li> <li>All levels are in metres relative to the Ordnance Datum.</li> </ol>
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd	



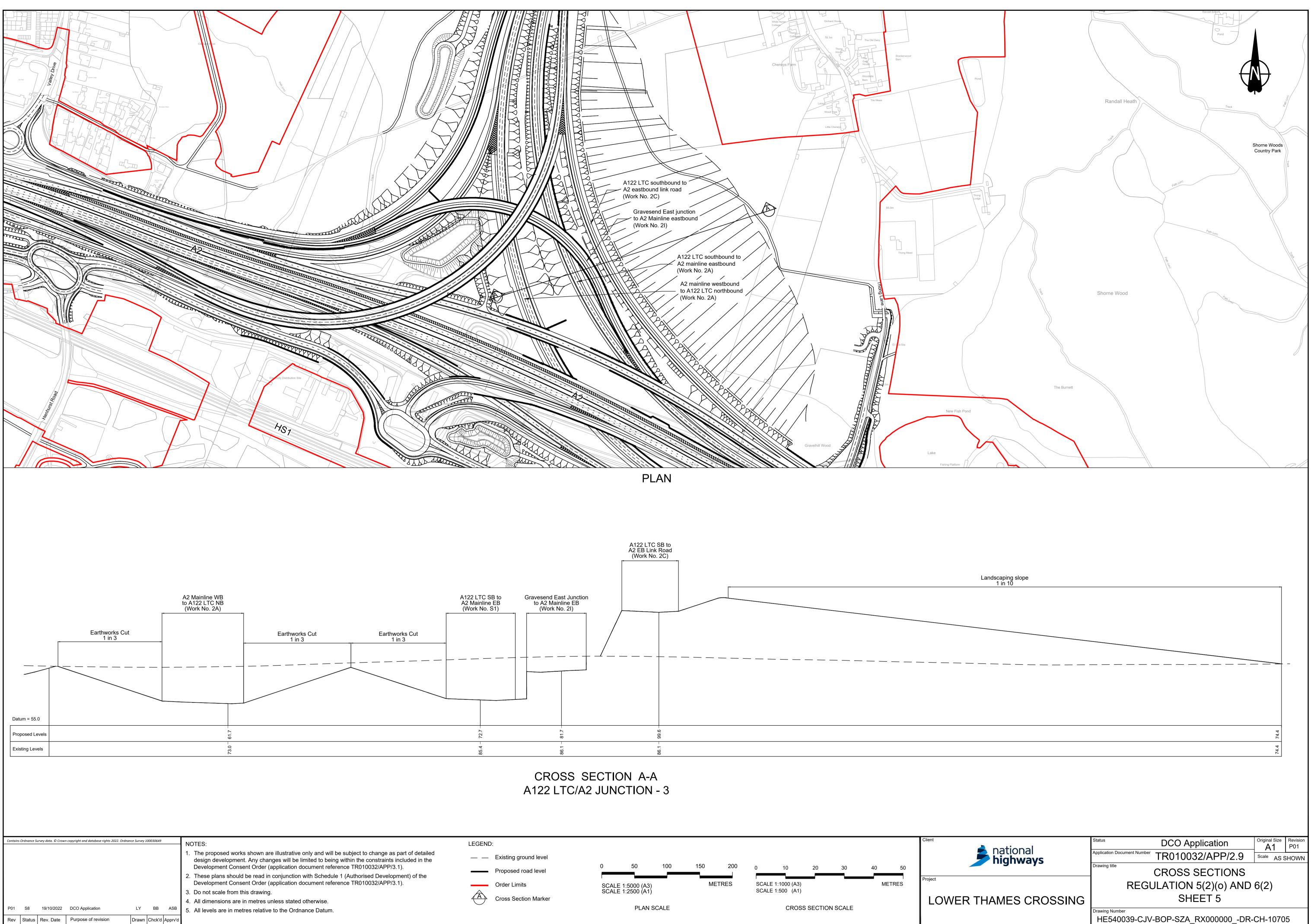
	Mainline k No. 1A)	)	-	Central Reserve Varies	1_		2 Mainline ork No. 1 <i>I</i>		_	Separation Zone			Link Road k No. 1F)		pration		oundabou	etween Halfpe it and Henhur Vork No. 1E)		Re
ane 1 3.65m					Hard 0.7 Lane 4 3.65m	'n	Lane 2 3.7m	Lane 1 3.65m	Hard Shoulder 3.3m	Hardstrip 1m Verge 5.45m	La 3	1 ne 2	dstrip M Lane 1 3.65m	Verge	e Verge 3.1m	East Bound 3.65m	West Bound 3.65m	PRoW 5m	Earthworks 1 in 3	fill
				110.2 -								1106								4 T T R
				110.2								1107	1.7							105 7



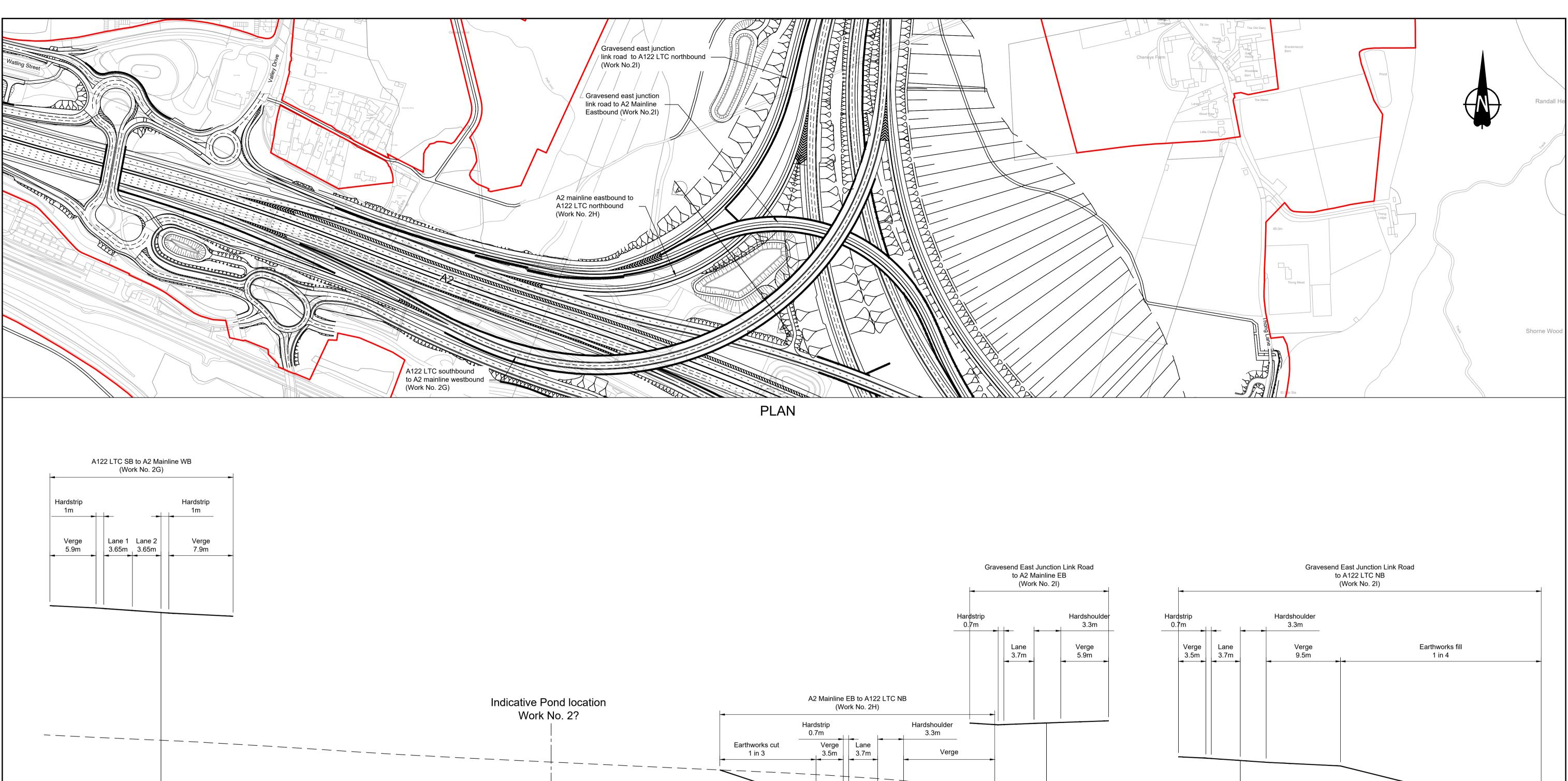
ational	Status DCO Application	Original Size	Revision P01					
national <b>nighways</b>	Application Document Number TR010032/APP/2.9		SHOWN					
	CROSS SECTIONS							
MES CROSSING	REGULATION 5(2)(0) AND 6(2)							
	SHEET 3							
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-	CH-1070	3					
			1 10702 dut					

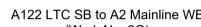


HE540039-CJV-BOP-SZA\_RX000000\_-DR-CH-10704

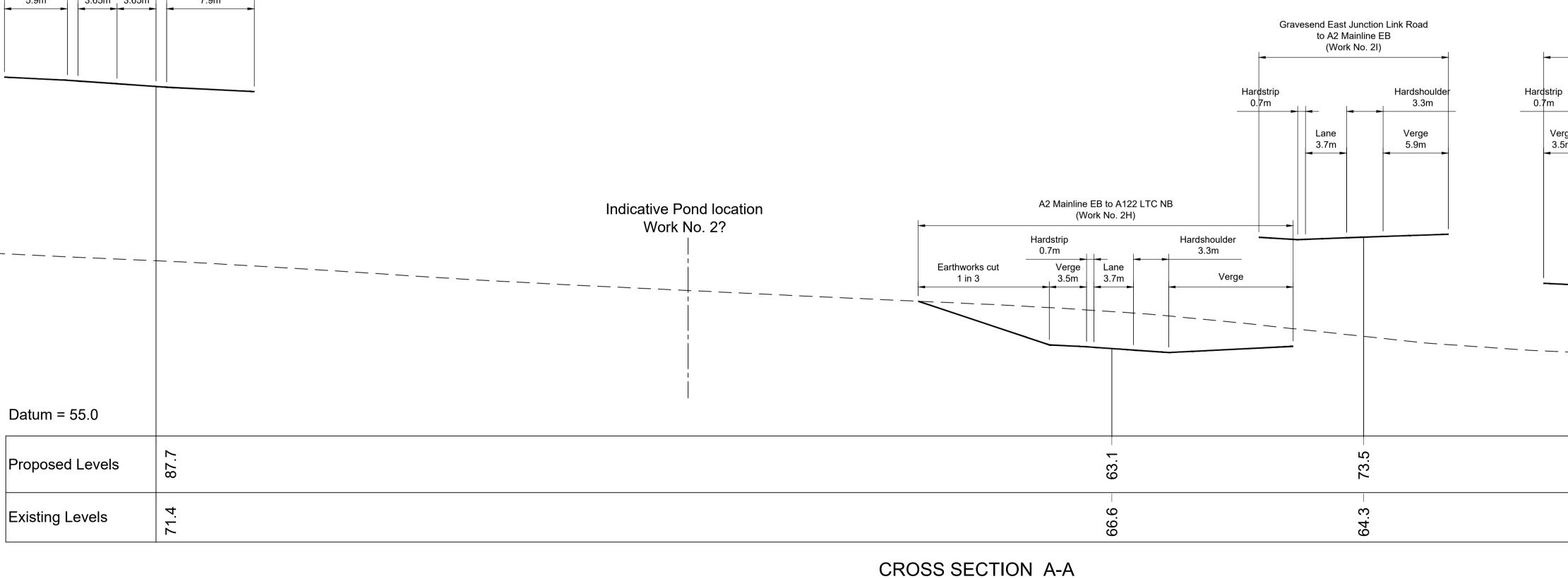


END	:												Client	
	Existing ground level													n
_	Proposed road level	0	50	100	150	200	0	10	20	30	40	50		
	Order Limits	SCALE 1	1:5000 (A3) 1:2500 (A1)		ME	TRES		E 1:1000 (A3) E 1:500 (A1)			ME	TRES	Project	
$\rightarrow$	Cross Section Marker	JUALL	PLAN S				00,122		S SECTIO				LOWE	
			FLANK					CROS	S SECTIO	NOCALE				





Hardstrip 1m	- <b> -</b>	Hardstrip 1m
Verge	Lane 1 Lane 2	Verge
5.9m	3.65m 3.65m	7.9m



ontains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649	NOTES:	LEGEND:						StatusDCO ApplicationOriginal Size PIRe PI
	1. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the	— — Existing ground level					national highways	Application Document Number TR010032/APP/2.9
	Development Consent Order (application document reference TR010032/APP/3.1).	Proposed road level	0 50 100	150 200 0	10 20 30 4	40 50		CROSS SECTIONS
	<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	Order Limits	SCALE 1:5000 (A3)	METRES SCALE 1:1	1000 (A3)	METRES	Project	REGULATION 5(2)(o) AND 6(2)
	3. Do not scale from this drawing.		SCALE 1:5000 (A3) SCALE 1:2500 (A1)	SCALE 1:5	500 (A1)			
	4. All dimensions are in metres unless stated otherwise.	Cross Section Marker					LOWER THAMES CROSSING	SHEET 6
P01 S8 19/10/2022 DCO Application LY BB AS	5. All levels are in metres relative to the Ordnance Datum.		PLAN SCALE		CROSS SECTION SCALE			Drawing Number
Rev Status Rev. Date Purpose of revision Drawn Chck'd Appro	'd							HE540039-CJV-BOP-SZA RX000000 -DR-CH-10706

# A122 LTC/A2 JUNCTION - 4

HE540039-CJV-BOP-SZA\_RX000000\_-DR-CH-10706.dwt

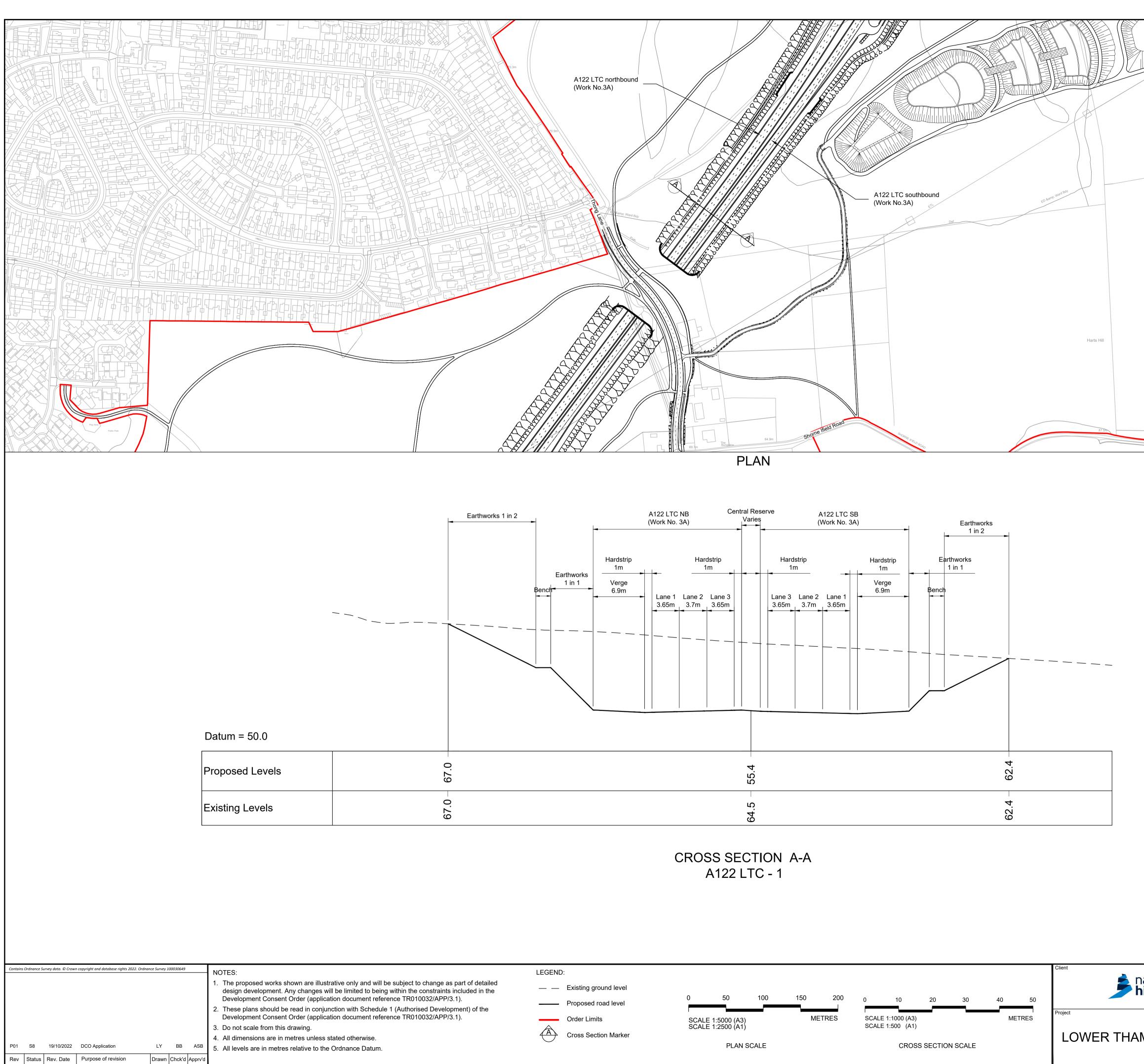
^.

61

61.7

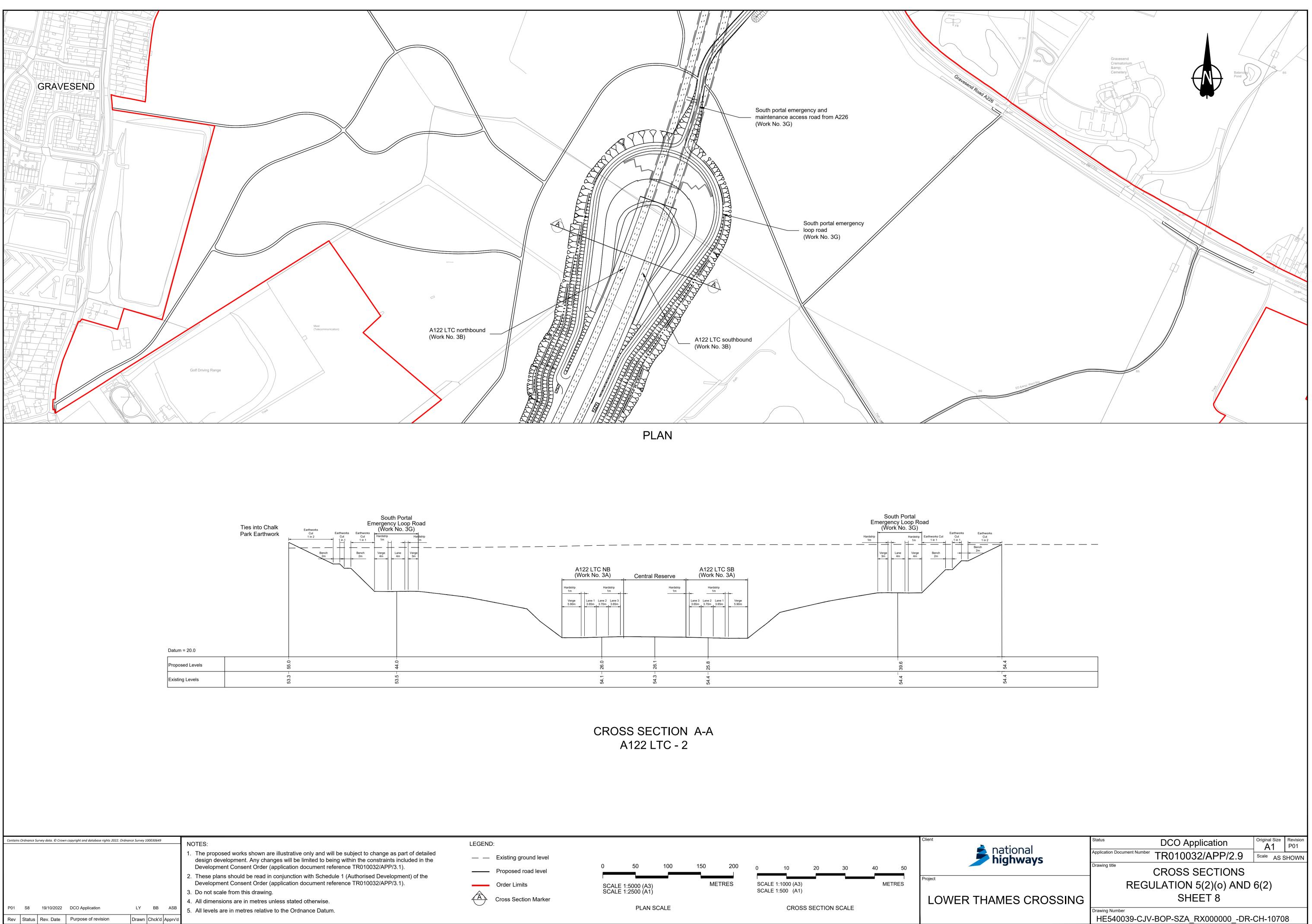
68.8

62.6

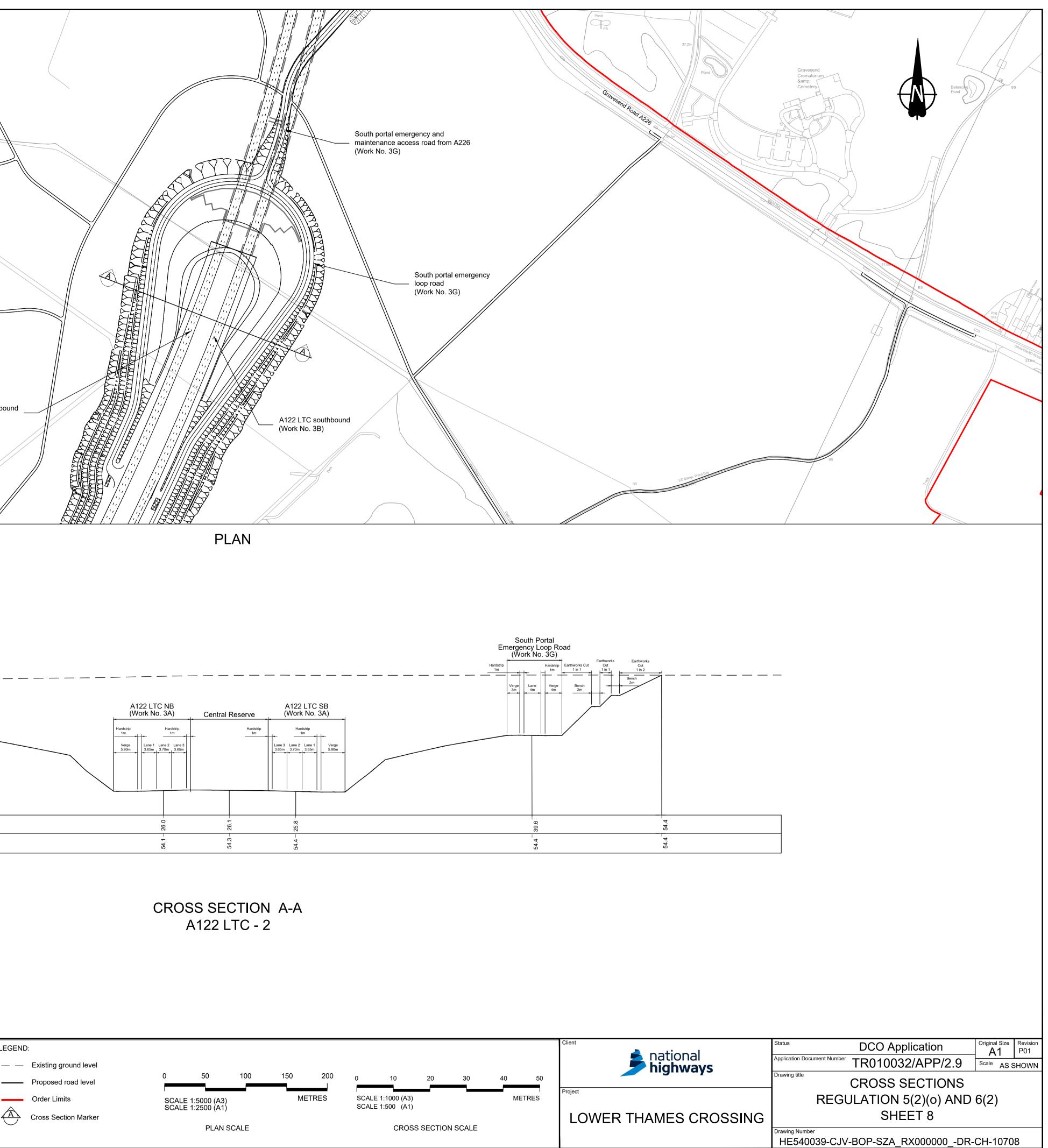


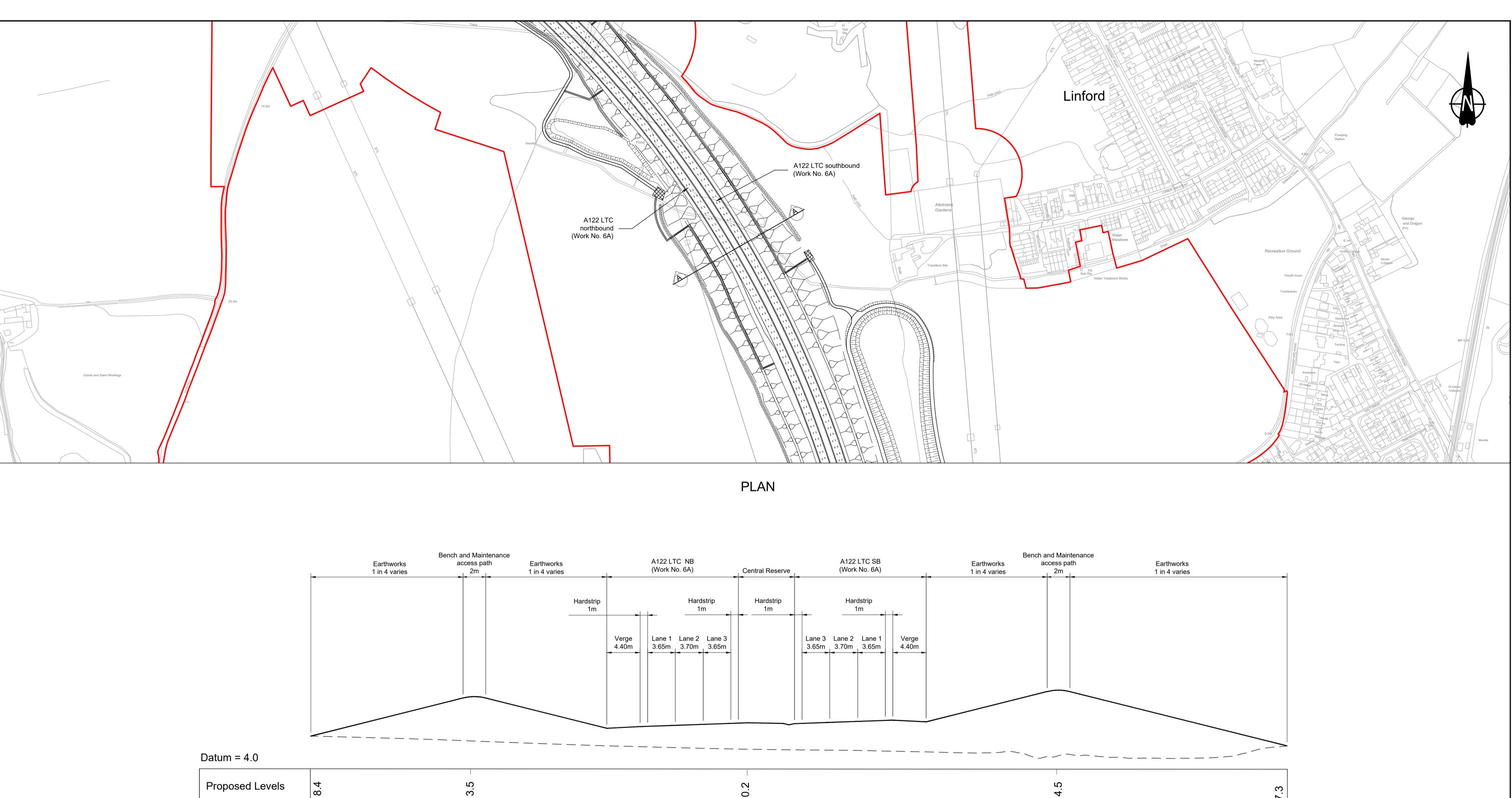
Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd	
S8	19/10/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Da
						4. All dimensions are in metres unless stated otherwi

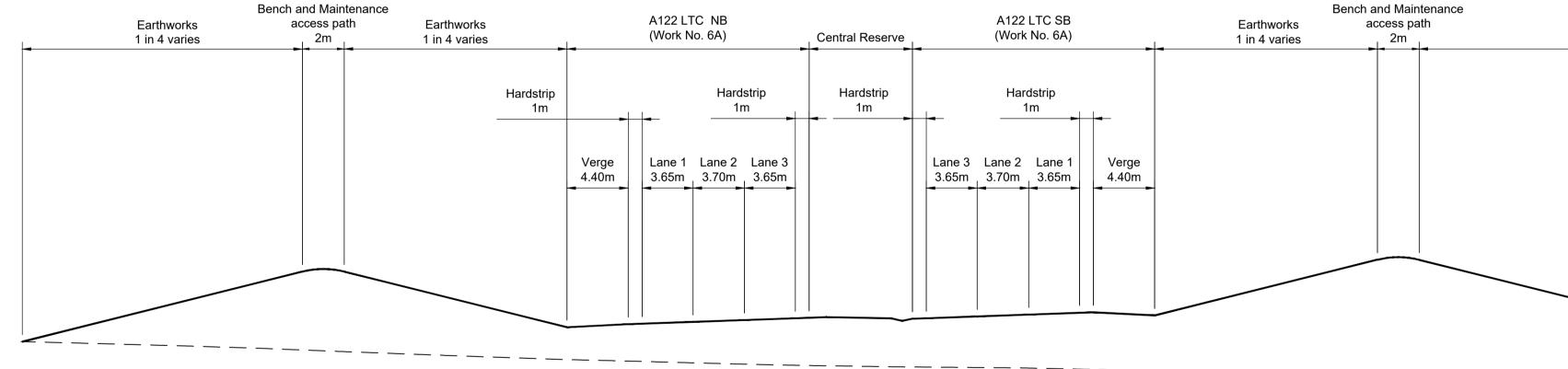
		12
		Path lumi
		Muqqins Chelk Pit
		Muggins Chalk Pit (dis)
		hjela c
	Status	incotion
ational	ОСО Арр	
ational	Status DCO App Application Document Number TR010032	
ational	Application Document Number TR010032	2/APP/2.9 Scale AS SHOWN
ational	Application Document Number TR010032 Drawing title CROSS S	A1 P01 2/APP/2.9 Scale AS SHOWN ECTIONS
ational	Application Document Number TR010032 Drawing title CROSS S	A1 P01 2/APP/2.9 Scale AS SHOWN ECTIONS
	Application Document Number TR010032 Drawing title CROSS S REGULATION 5	A1     P01       2/APP/2.9     Scale     AS SHOWN       ECTIONS     (2)(0) AND 6(2)
	Application Document Number TR010032 Drawing title CROSS S	A1     P01       2/APP/2.9     Scale     AS SHOWN       ECTIONS     (2)(0) AND 6(2)
national ighways	Application Document Number TR010032 Drawing title CROSS S REGULATION 5	A1 P01 Scale AS SHOWN ECTIONS (2)(0) AND 6(2) ET 7



Date	Purpose of revision	Drawn	Chek'd	Apprv'd	
0/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Datum
					4. All dimensions are in metres unless stated otherwise.

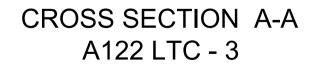


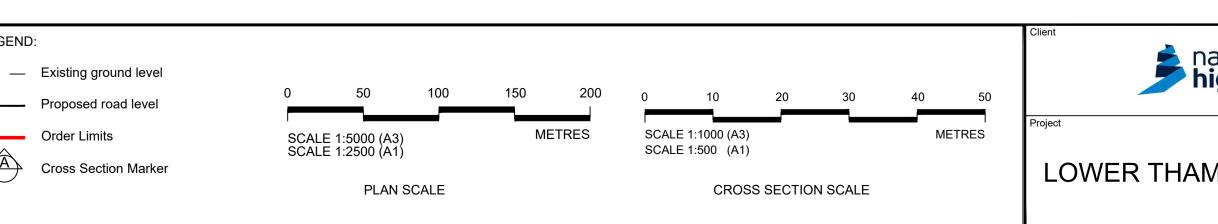




Proposed Levels	8.4 13.5	10.2	14.5
Existing Levels	8.4 7.6	6.7	5.8

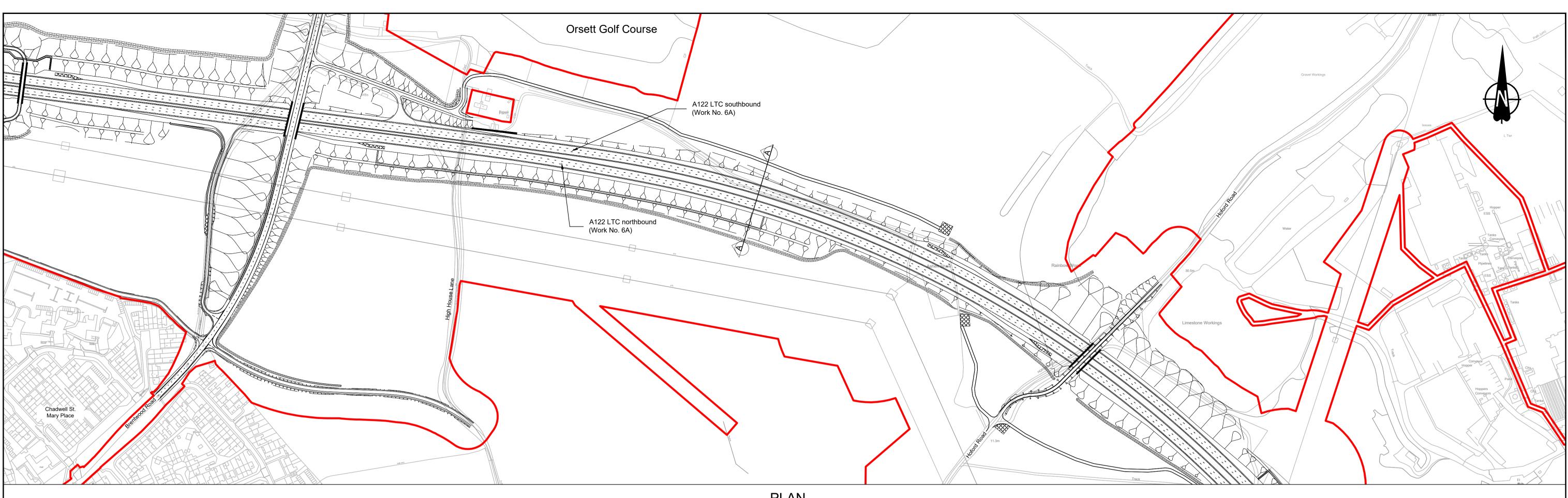
contains	s oranance su	rvey aata. © Crow	n copyright and database rights 2022.	. Oranance Survey	100030649		NOTES:	LEGEN
							<ol> <li>The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							3. Do not scale from this drawing.	Â
							4. All dimensions are in metres unless stated otherwise.	(A)
P01	S8	19/10/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Datum.	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd		

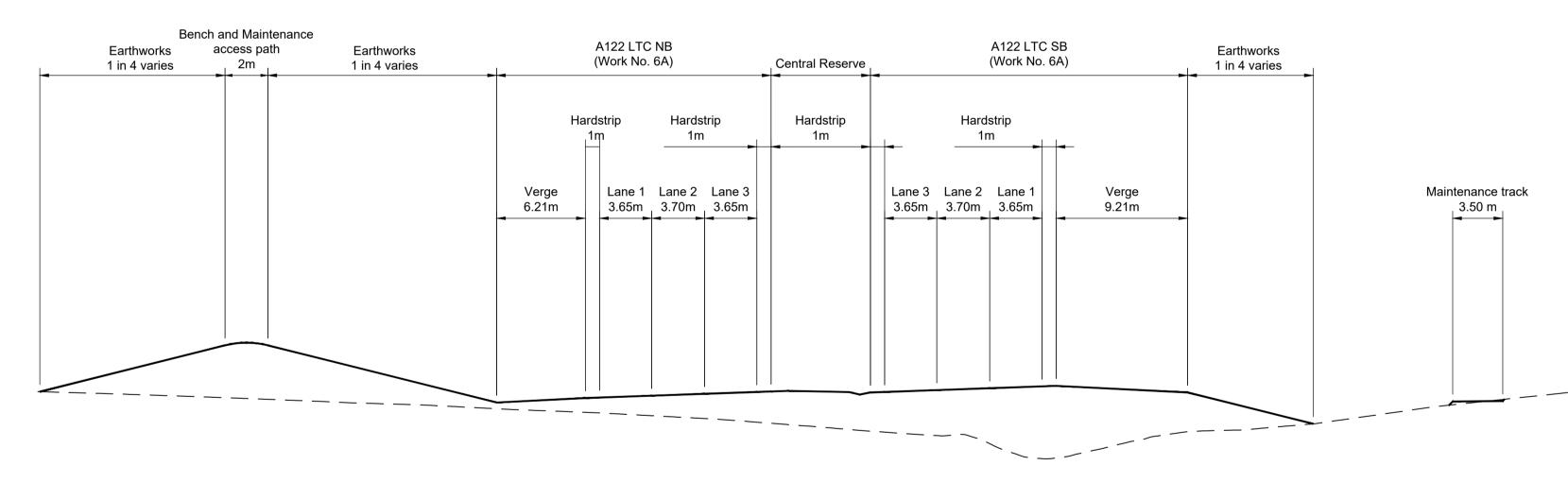




antional	Status	DCO Application	Original Size	Revision P01			
national <b>nighways</b>	Application Document Number	TR010032/APP/2.9		SHOWN			
iginayo	Drawing title CROSS SECTIONS						
	REGULATION 5(2)(0) AND 6(2)						
MES CROSSING	SHEET 9						
	Drawing Number HE540039-CJV-	BOP-SZA_RX000000DR-(	CH-1070	9			
				1 40700 1 4			

7.3





## Datum = 10.0

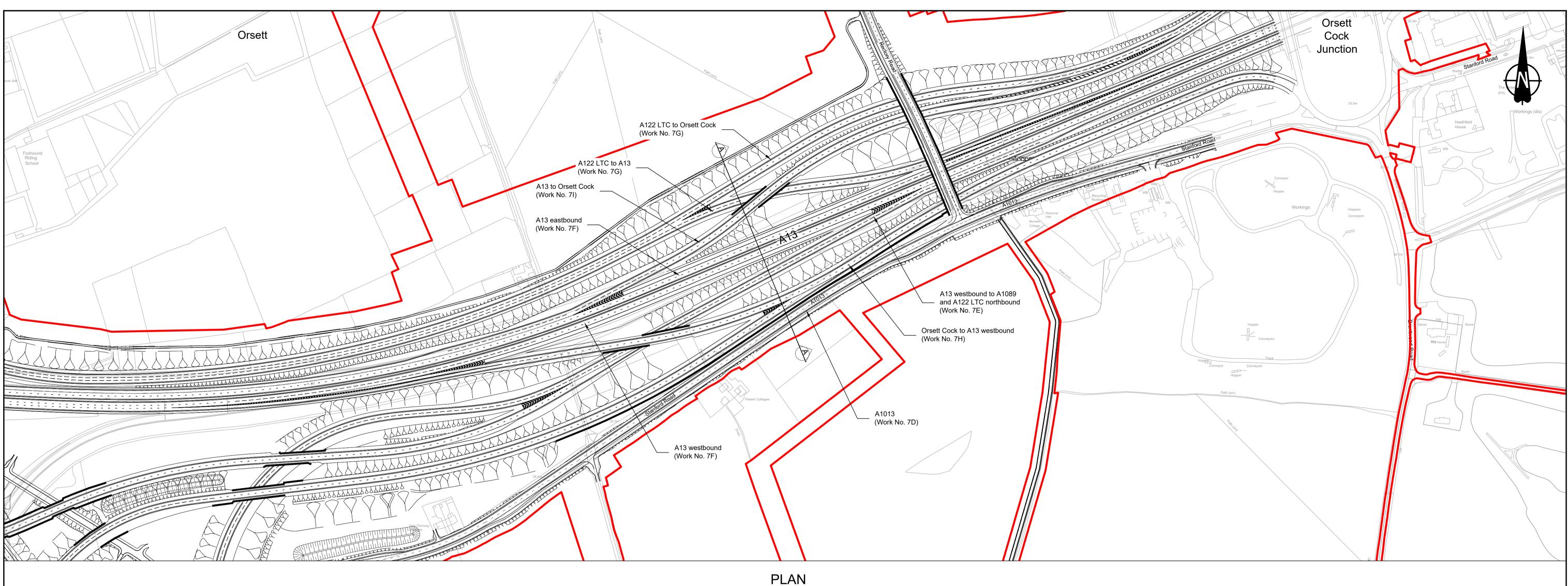
Proposed Levels	17.2	17.3	15.0	16.5
Existing Levels	17.2	14.0	15.0	16.5

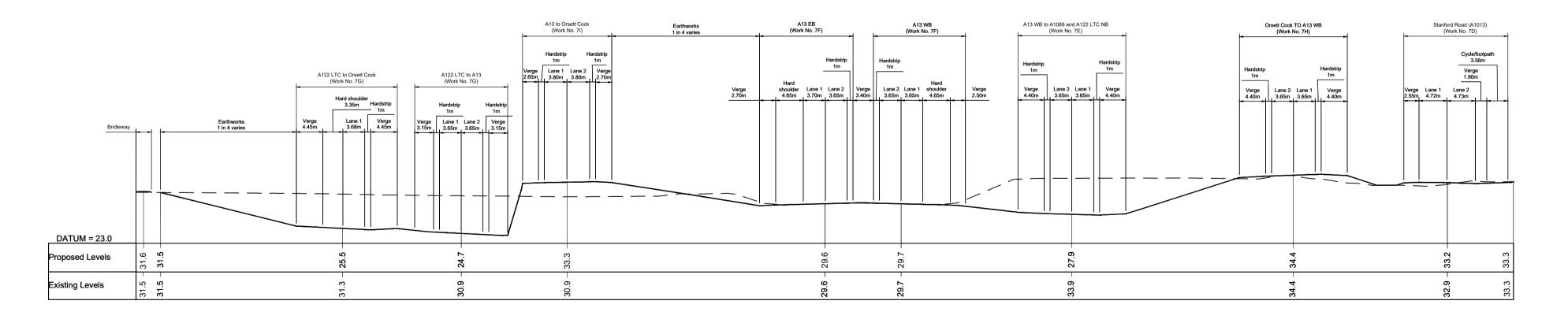
Contain	s Ordnance S	urvey data. © Crow	n copyright and database rights 2022.	Ordnance Survey 1	00030649		NOTES:	LEGEN
							<ol> <li>The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							3. Do not scale from this drawing.	Â
							4. All dimensions are in metres unless stated otherwise.	
P01	S8	19/10/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Datum.	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd		

PLAN



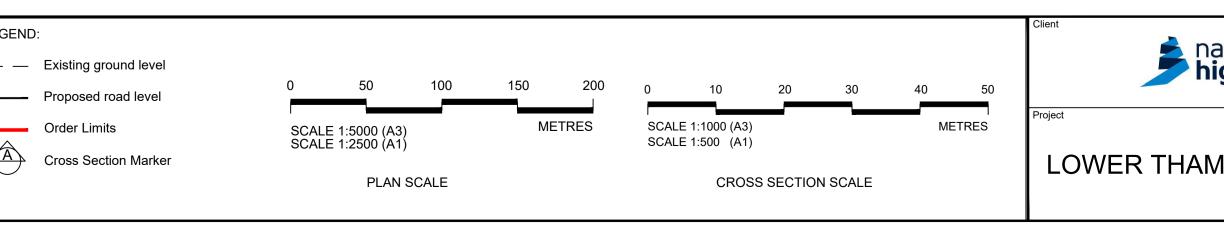
END: Status DCO Application Original Size A1	e Revision P01
- Existing ground level	SHOWN
- Proposed road level 0 50 100 150 200 0 10 20 30 40 50	
Order Limits SCALE 1:5000 (A3) METRES SCALE 1:1000 (A3) METRES SCALE 1:1000 (A3) METRES REGULATION 5(2)(o) AND 6(2)	
SCALE 1:2500 (A1)	
PLAN SCALE Drawing Number	
HE540039-CJV-BOP-SZA_RX000000DR-CH-107	



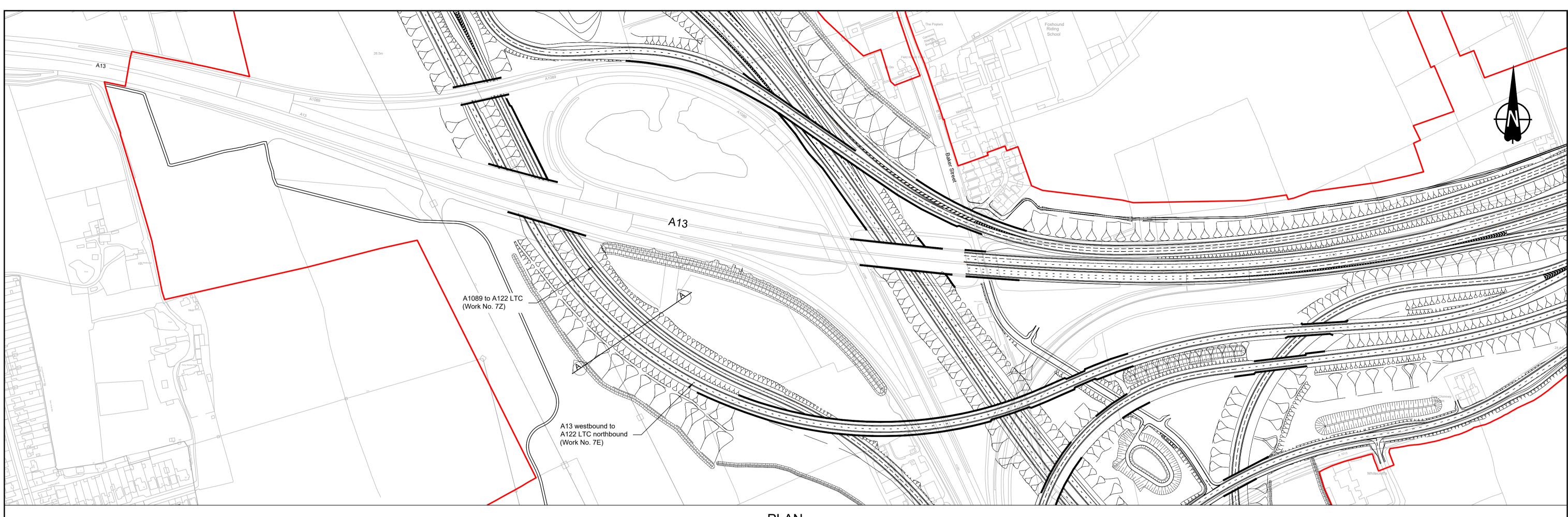


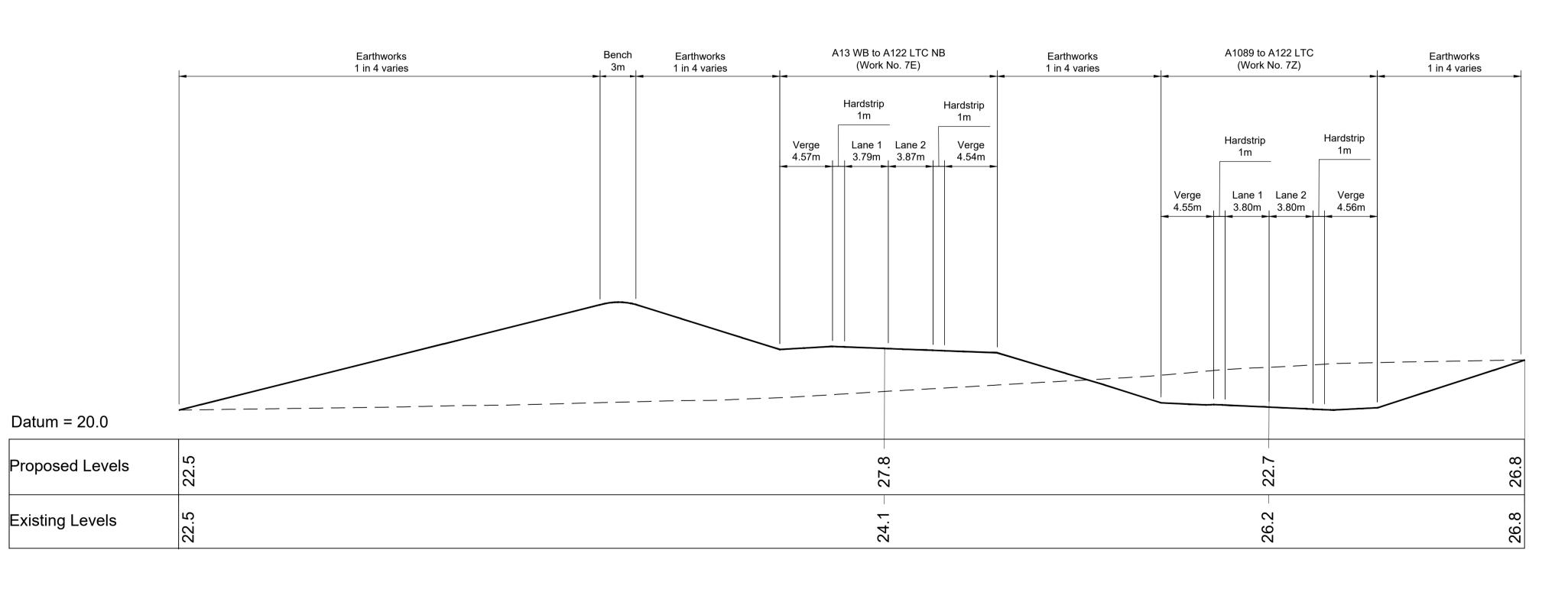
Contain	s Ordnance Su	ırvey data. © Crowı	n copyright and database rights 2022.	Ordnance Survey	100030649		NOTES:	LEGEN
							<ol> <li>The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							3. Do not scale from this drawing.	Â
							4. All dimensions are in metres unless stated otherwise.	
P01	S8	19/10/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Datum.	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd		

# CROSS SECTION A-A A13 AND A13/A122 LTC JUNCTION - 1



ational	Status DCO Application	Original Size	Revision P01			
national <b>nighways</b>	Application Document Number TR010032/APP/2.9		SHOWN			
	Drawing title CROSS SECTIONS					
	REGULATION 5(2)(0) AND 6(2)					
MES CROSSING	SHEET 11					
	Drawing Number HE540039-CJV-BOP-SZA RX000000 -DR-		1			
	HE540039-CJV-BOP-SZA_R	X000000DR-C	H-10711.dwt			

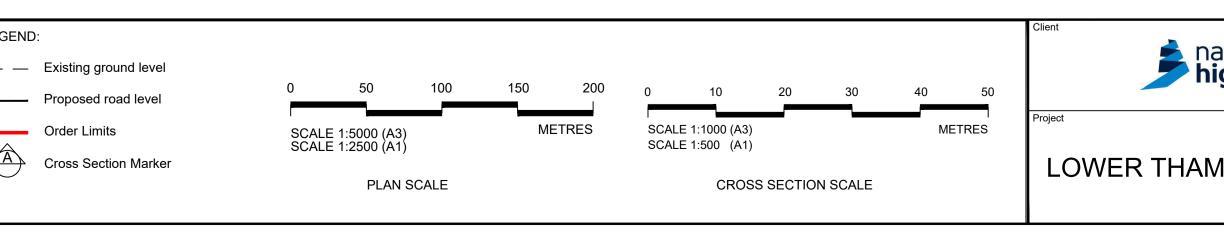




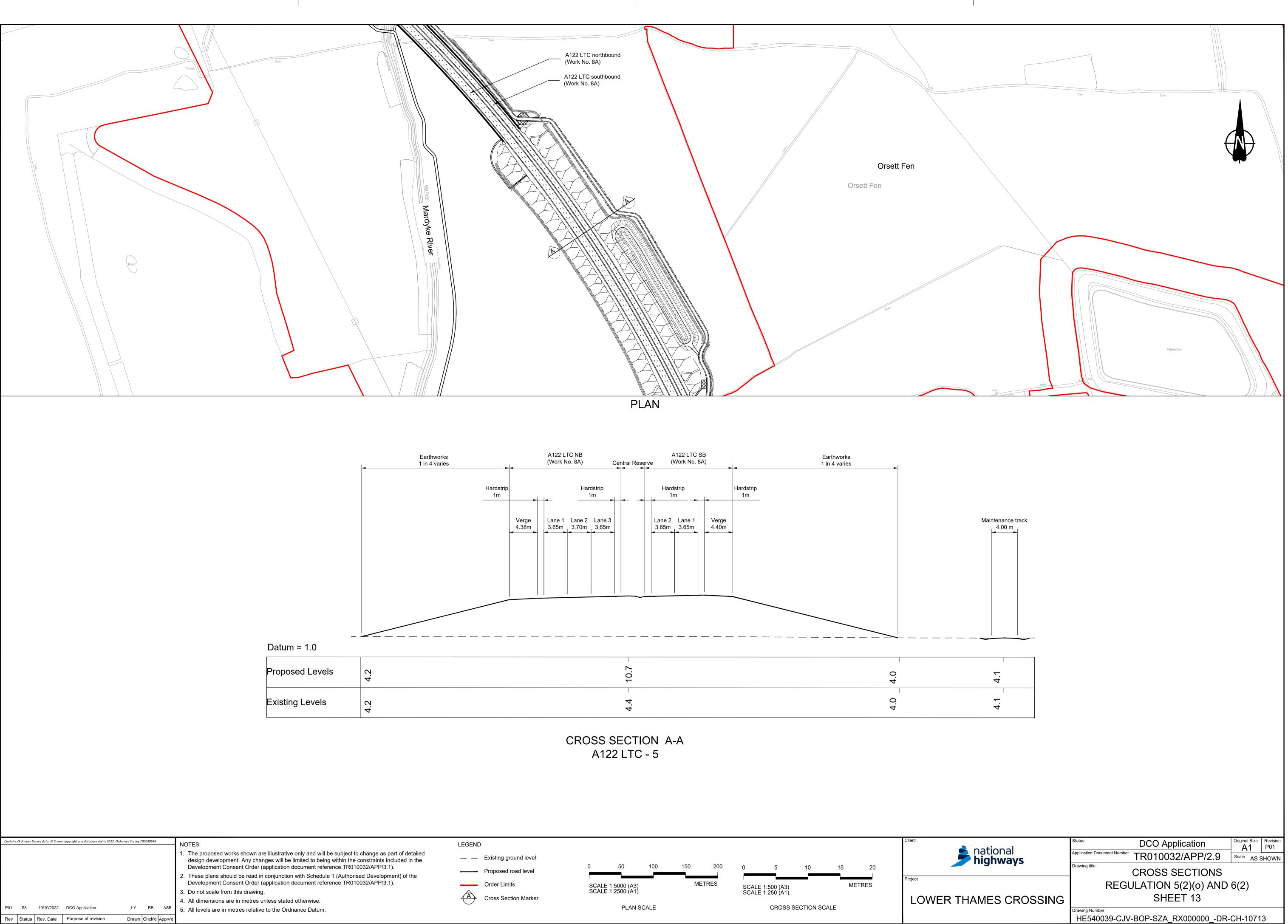
Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649       NOTES:         1. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).	
	LEGE
<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	_
3. Do not scale from this drawing.	Â
4. All dimensions are in metres unless stated otherwise.	$\leftarrow$
P01 S8 19/10/2022 DCO Application LY BB ASB 5. All levels are in metres relative to the Ordnance Datum.	
Rev     Status     Rev. Date     Purpose of revision     Drawn     Chck'd     Apprv'd	

PLAN

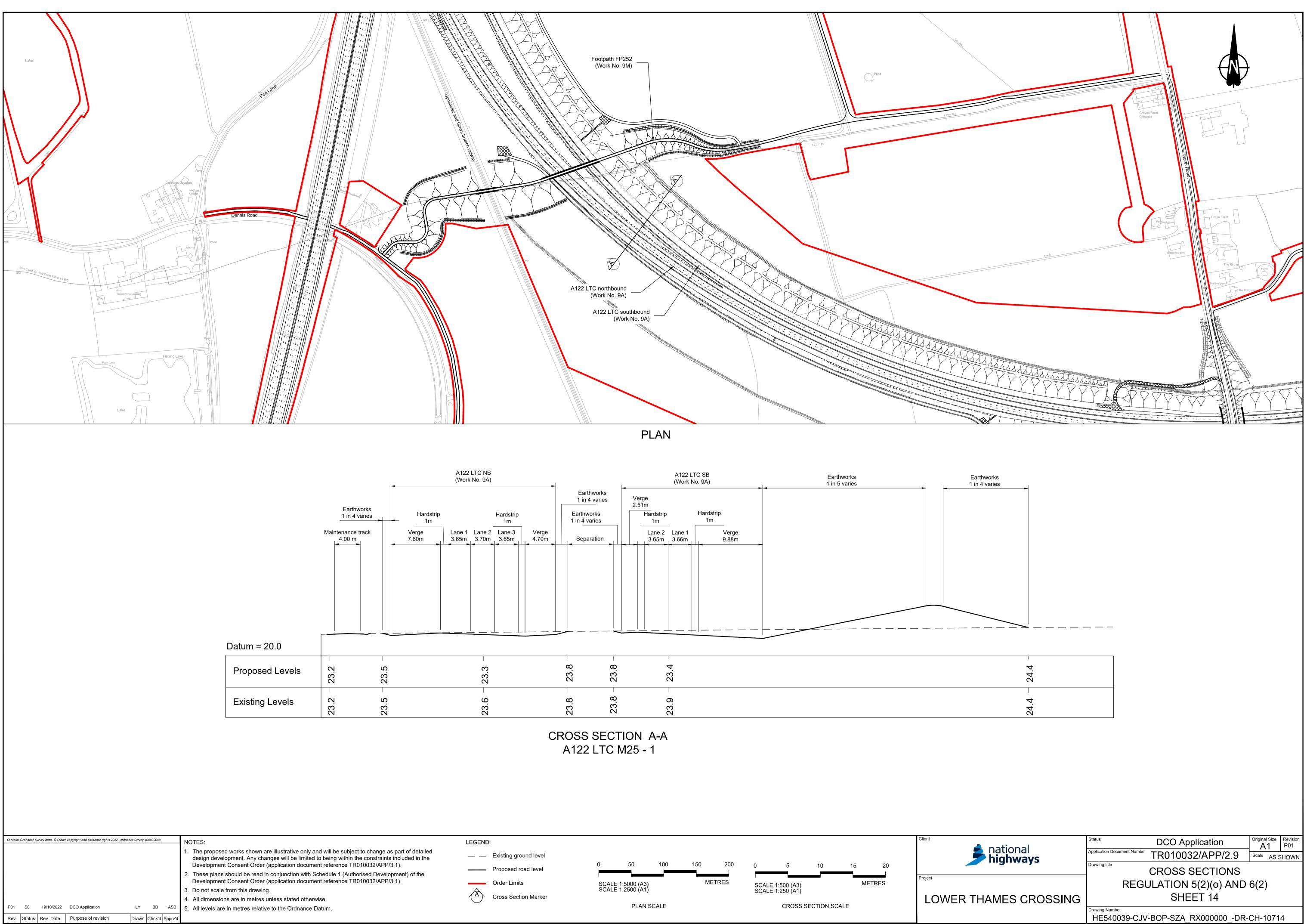
# CROSS SECTION A-A A13/A122 LTC JUNCTION - 2



ational	Status DCO Application	Original Size	Revision P01
national <b>nighways</b>	Application Document Number TR010032/APP/2.9		SHOWN
iginays	Drawing title CROSS SECTIONS		
	REGULATION 5(2)(0) AND	6(2)	
MES CROSSING	SHEET 12		
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-0	CH-1071	2
	HE540039-CJV-BOP-SZA_R	X000000DR-CI	H-10712.dwt

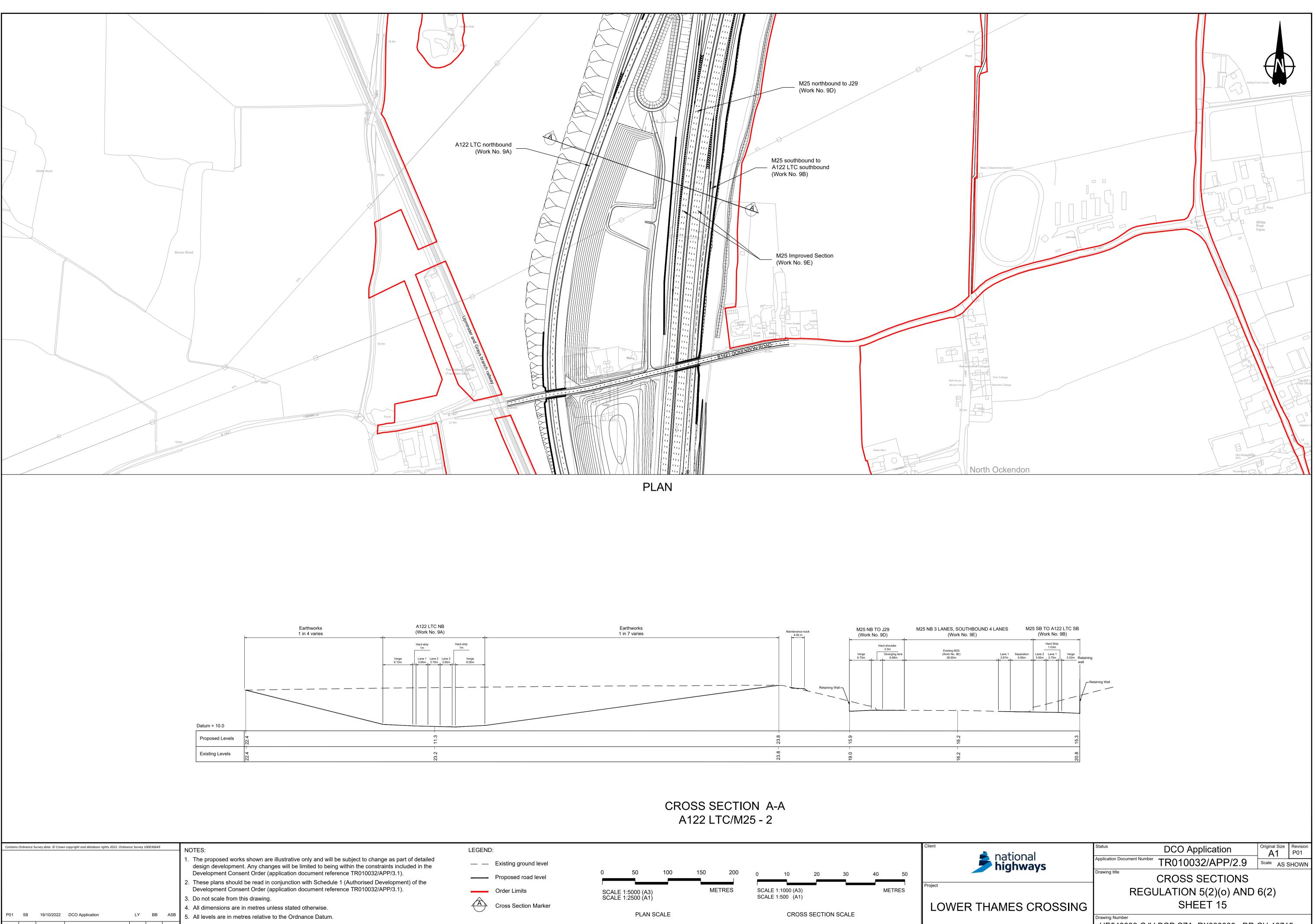


ational	Status DCO Application	Original Size	Revision P01			
national <b>nighways</b>	Application Document Number TR010032/APP/2.9	<u> </u>	SHOWN			
	Drawing title CROSS SECTIONS					
	REGULATION 5(2)(0) AND 6(2)					
MES CROSSING	SHEET 13					
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-	CH-1071	3			
	HE540039-CJV-BOP-SZA_R	X000000DR-C	H-10713.dwt			

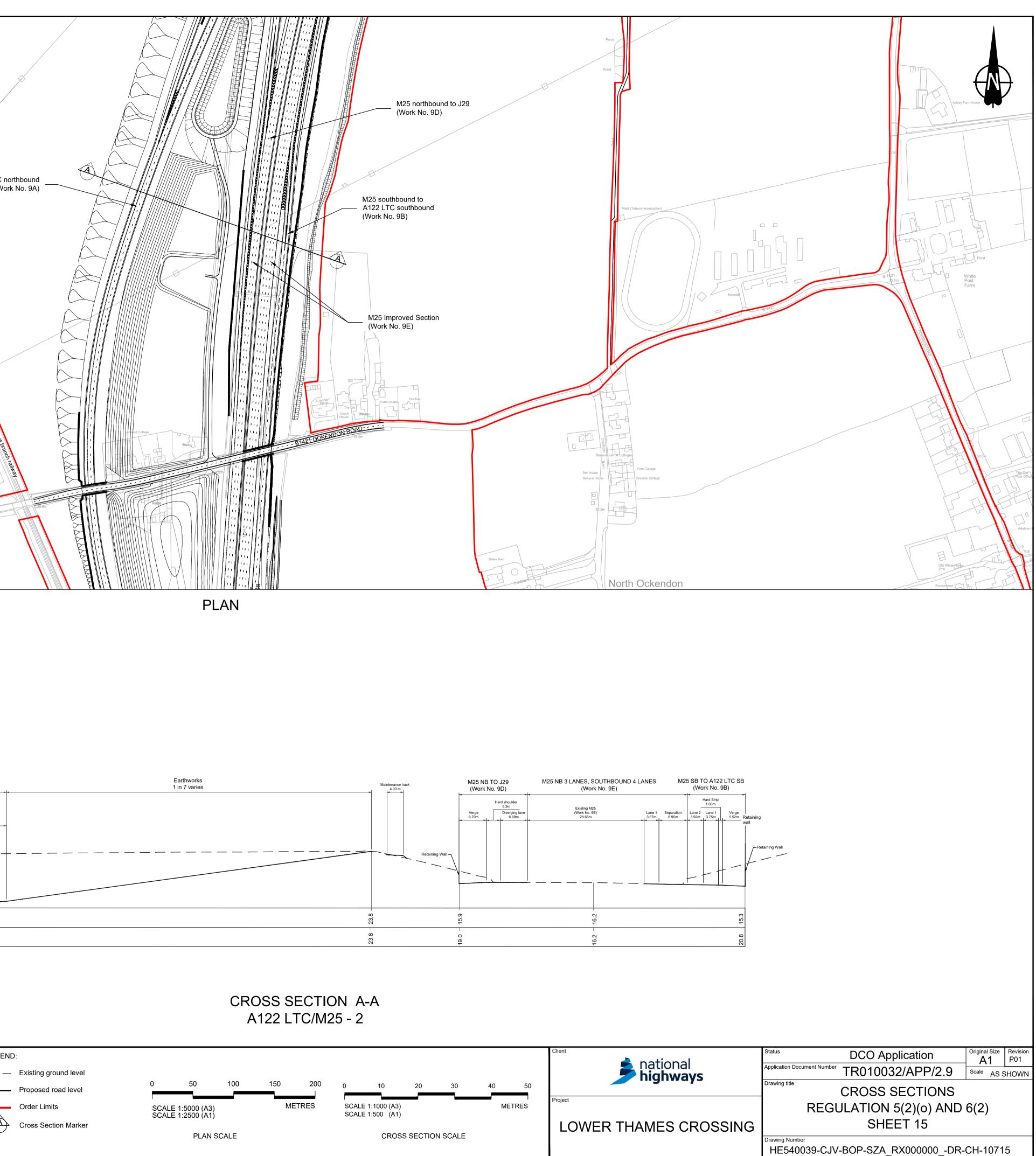


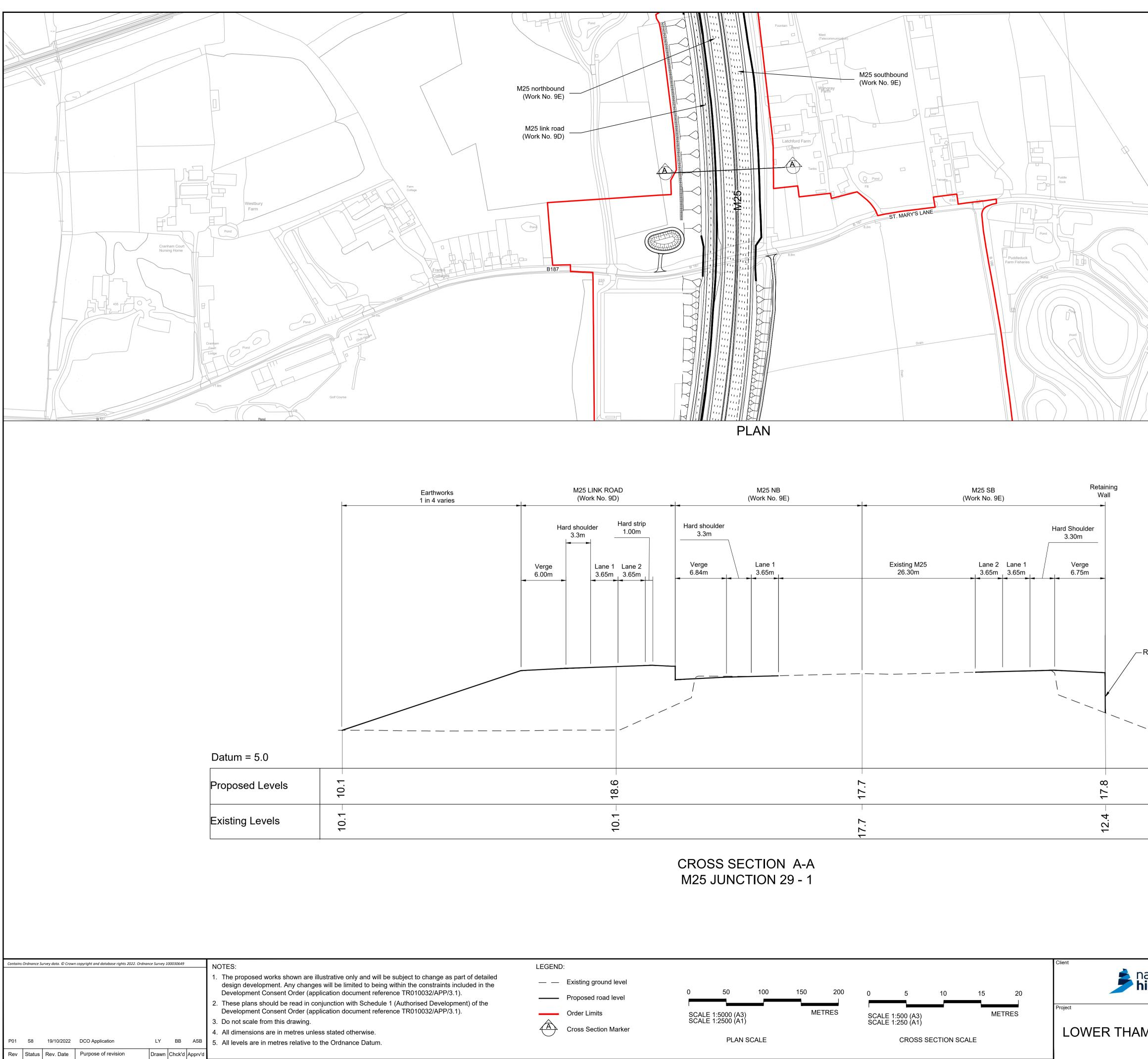
	I		I
~~	ŝ	ŝ	4
( <sup>1</sup> )			
Ω.	C.	C C	n n n
Š.	$\sim$	$\sim$	$\sim$
		ŝ	•
Ö	æ		0
Ω.	Ω.	C C	ů.
Ň	Ň	$\sim$	Ň

ational	Status DCO Application	Original Size	Revision P01			
national <b>nighways</b>	Application Document Number TR010032/APP/2.9		HOWN			
	Drawing title CROSS SECTIONS					
	REGULATION 5(2)(0) AND 6(2)					
MES CROSSING	SHEET 14					
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-CH-10714					

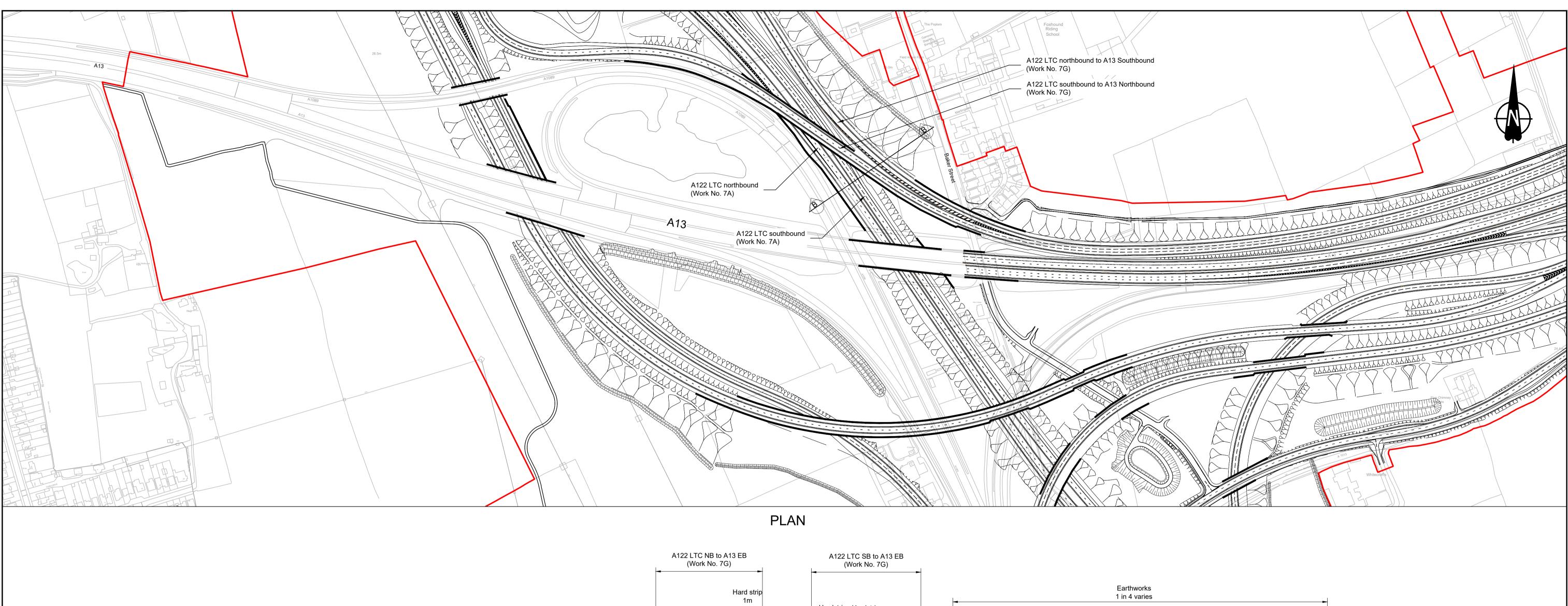


P01	S8	19/10/2022	DCO Application	LY	BB	ASB	<ul><li>4. All dimensions are in metres unless stated otherwise.</li><li>5. All levels are in metres relative to the Ordnance Datum.</li></ul>	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd		





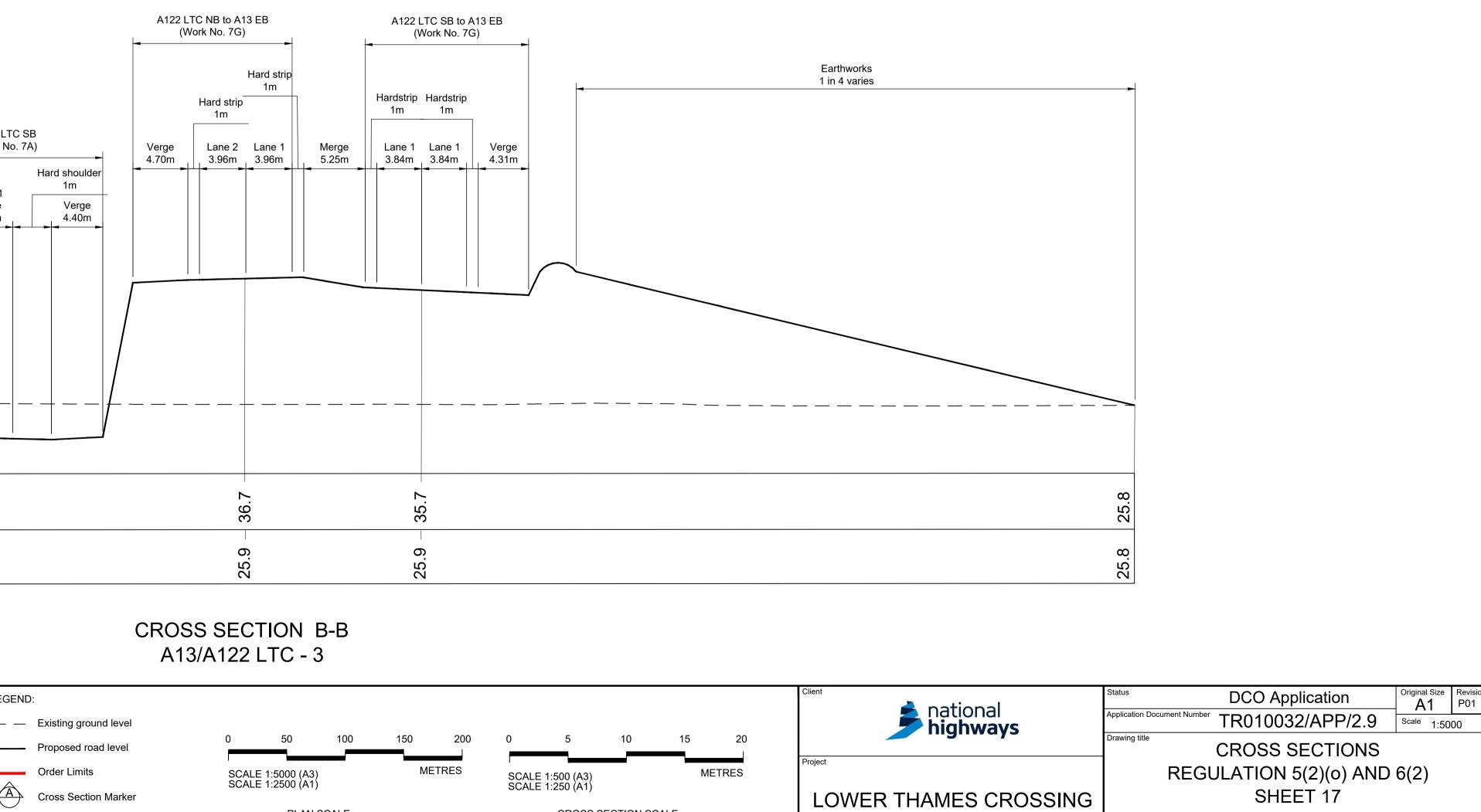
Track		
7.4m	7.6m	7.3m 7.3m Clyddelife
ST MARY	Pond	Mardyke Works
Pond	Clay Tye Wood	
Retaining Wall		
ational <b>ighways</b>	Status DCO Applicatio Application Document Number TR010032/AP Drawing title	
MES CROSSING	CROSS SECT REGULATION 5(2)( SHEET 10	o) AND 6(2)



Existing A13 EB to A1089		A122 LTC NB (Work No. 7A)	Central R	A122 LTC (Work No.	
		Hardstrip 1m	Hardstrip 1m	Hardstrip 1m	1 4
	Verge 4.40m	Lane 1 Lane 2 3.65m 3.70m		Lane 2 3.65m	Lane 1 merge 4.39m
Existing A13 EB to A1089					
	\				
Datum = 20.0					
Proposed Levels	22.7		23.3		
Existing Levels	26.2		26.1		

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649							NOTES:	LEGEN
							<ol> <li>The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							<ol> <li>These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).</li> </ol>	
							3. Do not scale from this drawing.	
							4. All dimensions are in metres unless stated otherwise.	(A)
P01	S8	19/10/2022	DCO Application	LY	BB	ASB	5. All levels are in metres relative to the Ordnance Datum.	
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd		

PLAN SCALE



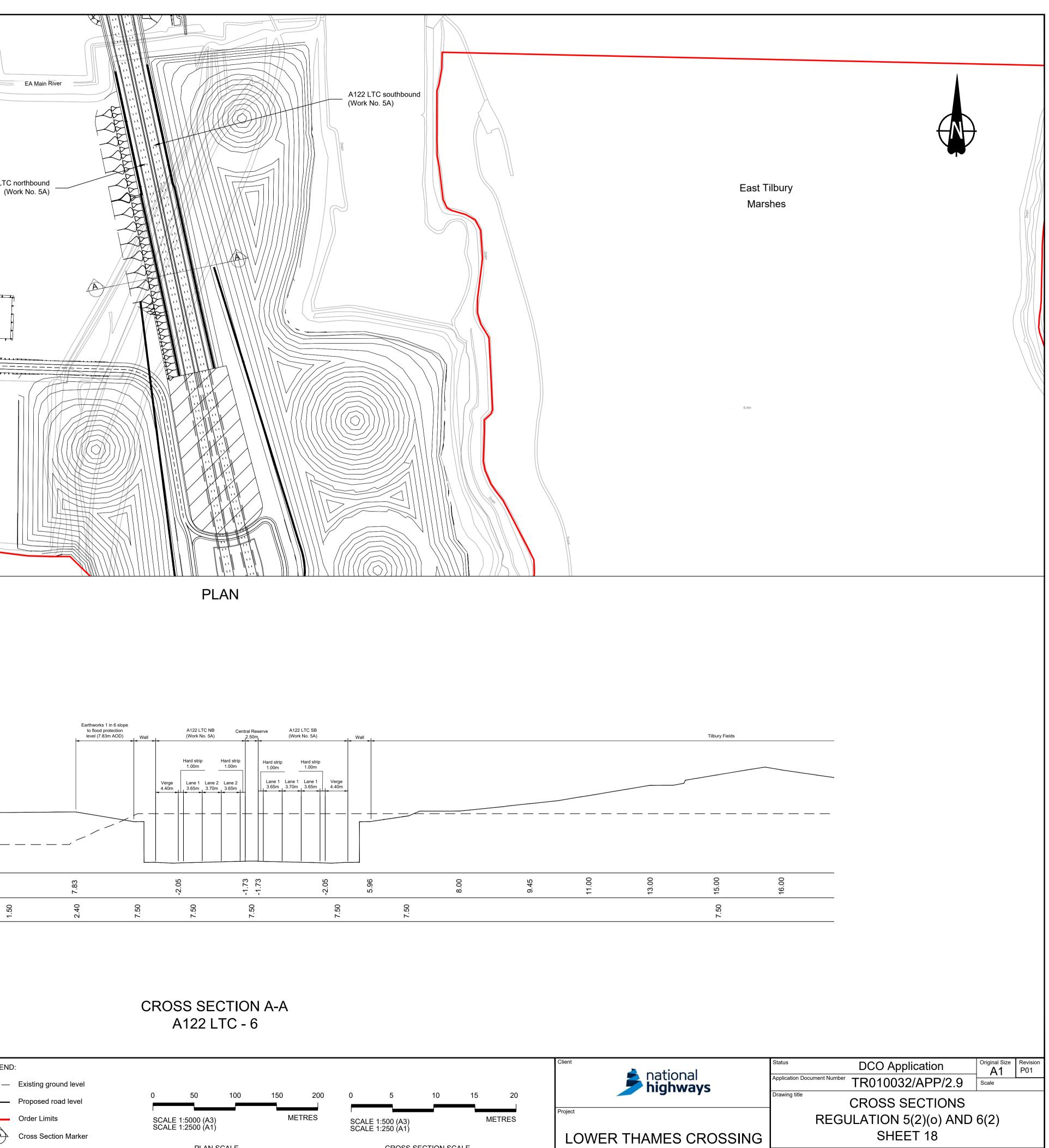
CROSS SECTION SCALE

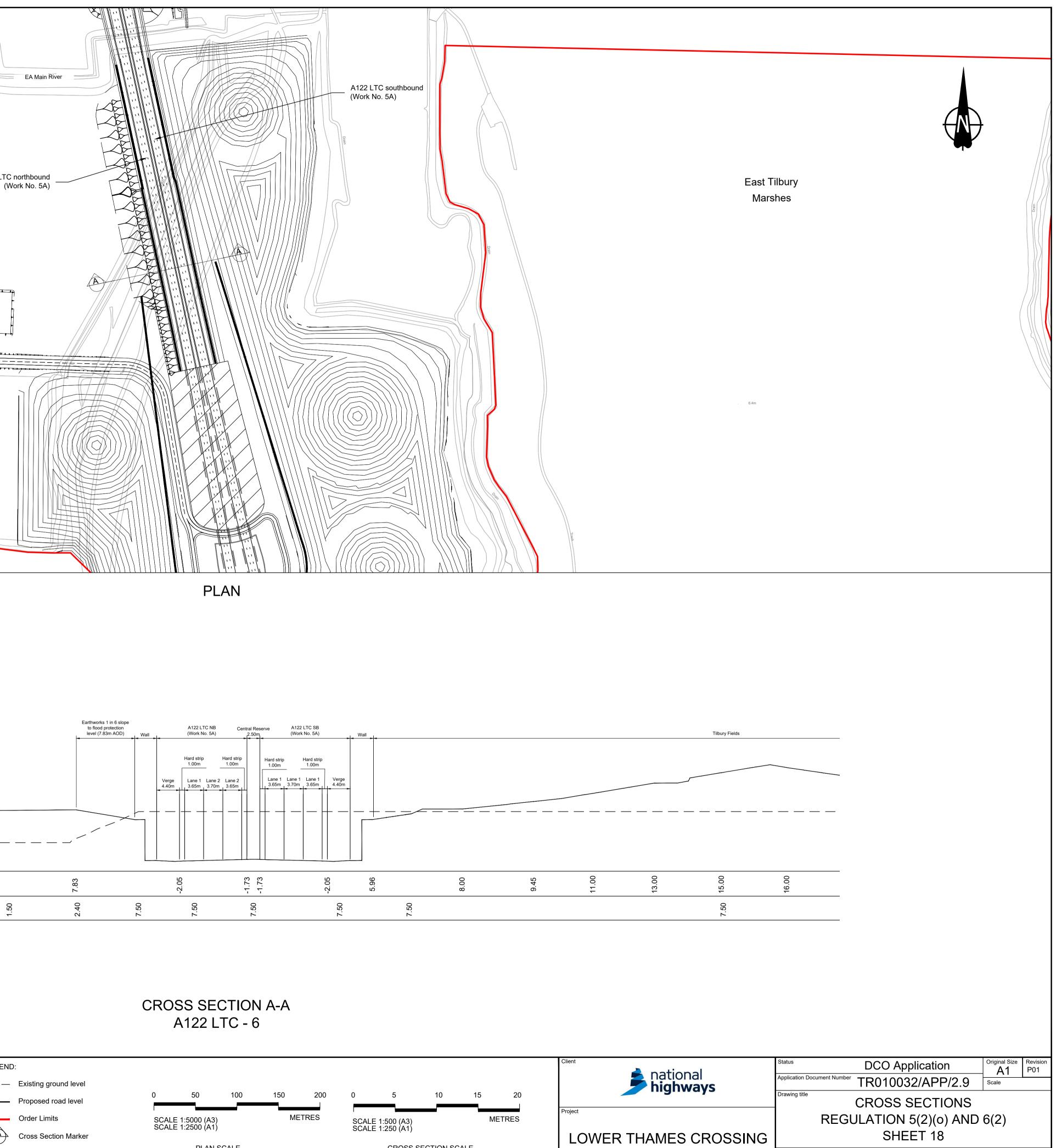
ational	Status DCO Application	Original Size	Revision P01			
national <b>nighways</b>	Application Document Number TR010032/APP/2.9	Scale 1:50	00			
	Drawing title CROSS SECTIONS					
	REGULATION 5(2)(0) AND 6(2)					
MES CROSSING	SHEET 17					
	Drawing Number HE540039-CJV-BOP-SZA_RX000000DR-CH-10718					
	HE540039-CJV-BOP-SZA_RX000000_	-DR-CH-10718.d	wt			

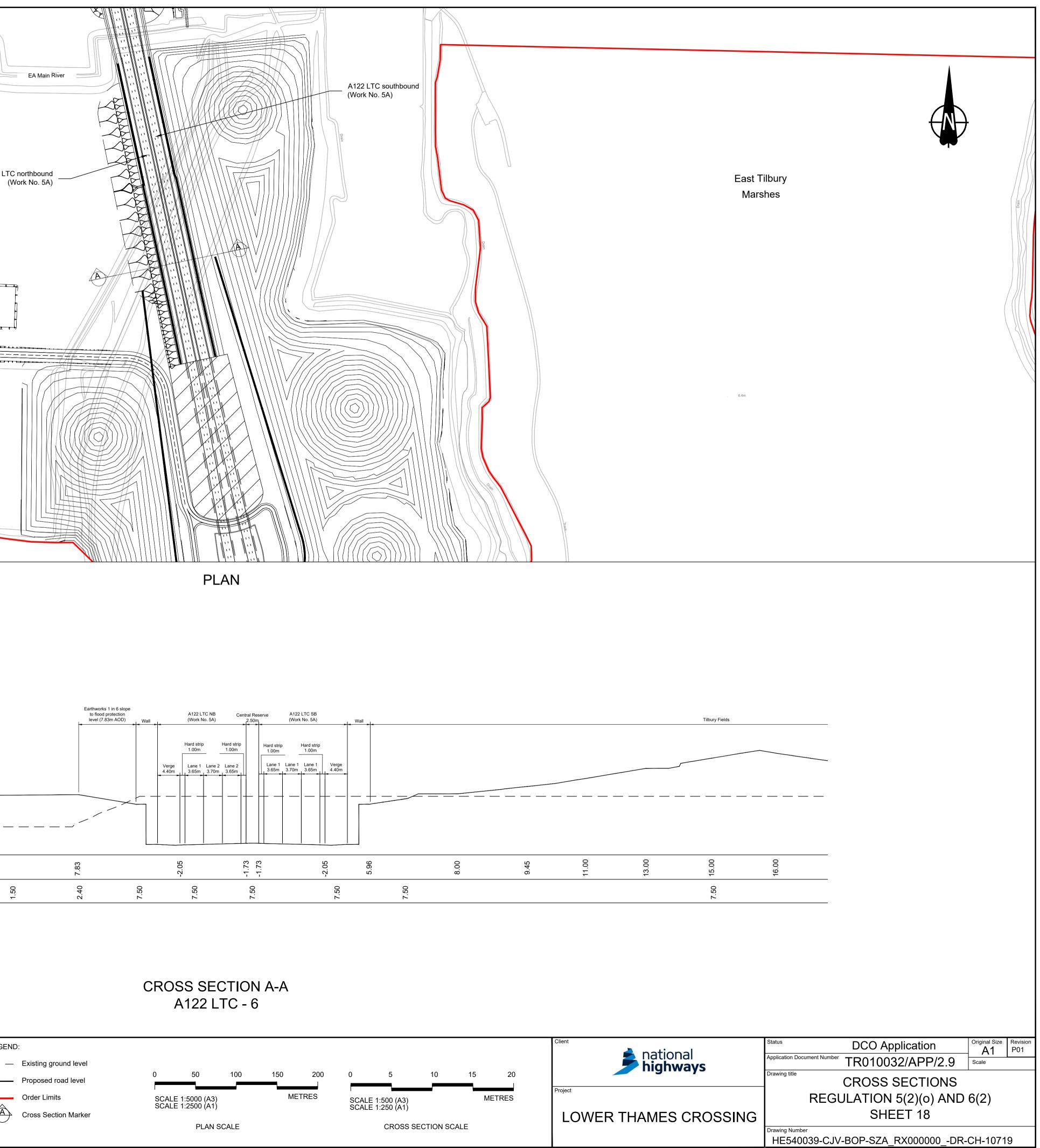
Drain_		A122 L
Workings	Workings	5
		\ \ _
	Datum = -4.0 AOD	
	Proposed Levels	
	Existing Levels	
Contains Ordnance Survey data. @ Crown copyright and database rights 2022. Ordnance Survey 100030649	NOTES: 1. The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1). 2. These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).	LEGE 
P01 S8 19/10/2022 DCO Application LY BB ASB	<ul><li>3. Do not scale from this drawing.</li><li>4. All dimensions are in metres unless stated otherwise.</li><li>5. All levels are in metres relative to the Ordnance Datum.</li></ul>	Â

Drawn Chck'd Apprv'd

Rev Status Rev. Date Purpose of revision







If you need help accessing this or any other National Highways information, please call **0300 123 5000** and we will help you.

### © Crown copyright 2023.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-governmentlicence/

### write to the **Information Policy Team, The National Archives, Kew, London TW9 4DU**, or email **psi@nationalarchives.gsi.gov.uk**.

Mapping (where present): © Crown copyright and database rights 2023 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

# If you have any enquiries about this publication email info@nationalhighways.co.uk or call 0300 123 5000\*.

\*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by National Highways.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

National Highways Limited registered in England and Wales number 09346363