

# Lower Thames Crossing

## 2.9 Engineering Drawings and Sections

### Volume A (A122 LTC plan and profiles)

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

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

Volume 2

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# Lower Thames Crossing

## List of contents

|  | <b>Page number</b> |
|--|--------------------|
| <b>1 Introduction .....</b>  | <b>1</b>           |
| <b>2 Schedule of Plans included in this application document .....</b> | <b>4</b>           |

# 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 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;*
    - v. *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).
- 1.1.6 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)).
- 1.1.7 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.

## 2 Schedule of Plans included in this application document

| Document Title  | Document Number  | Revision |
|---|------------------|----------|
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>KEY PLAN | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 3  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 4  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 5  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 6  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 7  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 8  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 9  | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 10 | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 11 | TR010032/APP/2.9 | P01      |
| A122 LTC PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 12 | TR010032/APP/2.9 | P01      |

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

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

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

| <b>Document Title</b>  | <b>Document Number</b> | <b>Revision</b> |
|--|------------------------|-----------------|
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 9  | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 10 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 11 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 12 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 13 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 14 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 15 | TR010032/APP/2.9       | P01             |
| A122 LTC/A2 JCT – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 16 | TR010032/APP/2.9       | P01             |
| SOUTH PORTAL – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>KEY PLAN    | TR010032/APP/2.9       | P01             |
| SOUTH PORTAL – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1     | TR010032/APP/2.9       | P01             |
| SOUTH PORTAL – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2     | TR010032/APP/2.9       | P01             |
| TILBURY – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>KEY PLAN         | TR010032/APP/2.9       | P01             |
| TILBURY – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1          | TR010032/APP/2.9       | P01             |
| TILBURY – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2          | TR010032/APP/2.9       | P01             |

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



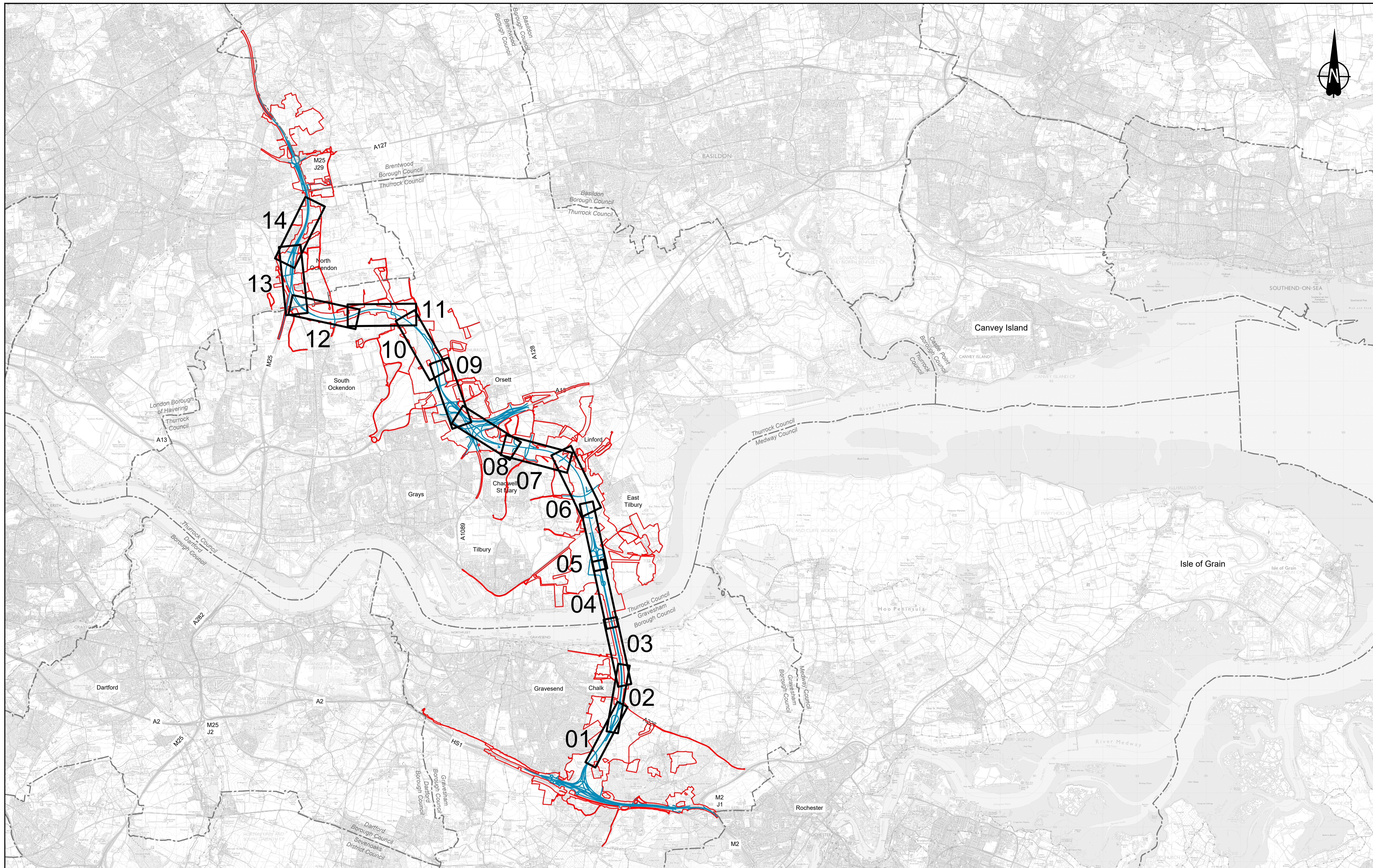
| <b>Document Title</b>   | <b>Document Number</b> | <b>Revision</b> |
|---|------------------------|-----------------|
| A13 JUNCTION – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 9  | TR010032/APP/2.9       | P01             |
| A13 JUNCTION – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND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

| <b>Document Title</b>   | <b>Document Number</b> | <b>Revision</b> |
|---|------------------------|-----------------|
| A13 JUNCTION – PLAN AND PROFILES<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 23 | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>KEY PLAN            | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 3             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 4             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 5             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 6             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 7             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 8             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 9             | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 10            | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 11            | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 12            | TR010032/APP/2.9       | P01             |

| <b>Document Title</b>   | <b>Document Number</b> | <b>Revision</b> |
|---|------------------------|-----------------|
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 13                  | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 14                  | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 15                  | TR010032/APP/2.9       | P01             |
| A122 LTC/M25 JUNCTION<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 16                  | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>PYLON LAYOUT           | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1                | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2                | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 3                | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 4                | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 5                | TR010032/APP/2.9       | P01             |
| OVERHEAD DIVERSION ROUTE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 6                | TR010032/APP/2.9       | P01             |
| PYLON GENERAL ARRANGEMENT<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1               | TR010032/APP/2.9       | P01             |
| PYLON GENERAL ARRANGEMENT<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 2               | TR010032/APP/2.9       | P01             |
| PYLON GENERAL ARRANGEMENT<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 3 - L7c D E12   | TR010032/APP/2.9       | P01             |
| PYLON GENERAL ARRANGEMENT<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 4 - L7c D30 E12 | TR010032/APP/2.9       | P01             |

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

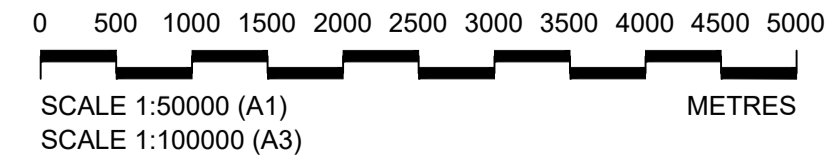





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**LEGEND:**

- Proposed Route
- Order Limits
- Local Authority boundary

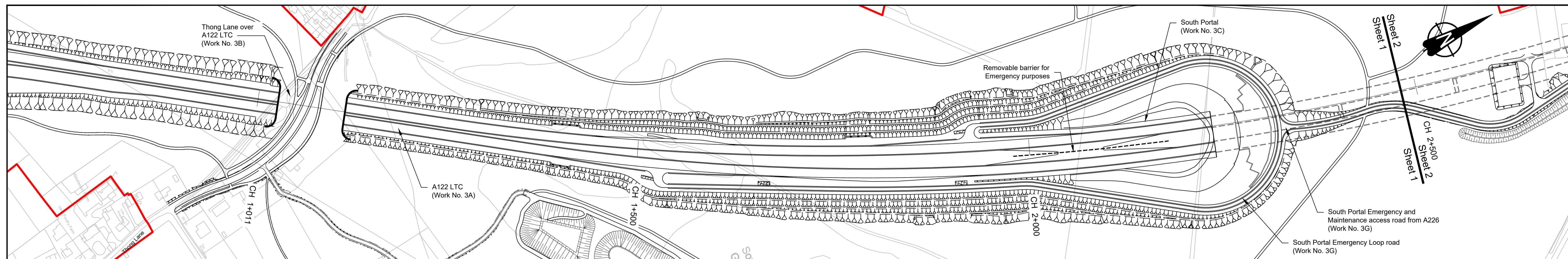


| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB   | ASB    |
|-----|--------|------------|---------------------|-------|------|--------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Chkd | Apprvd |

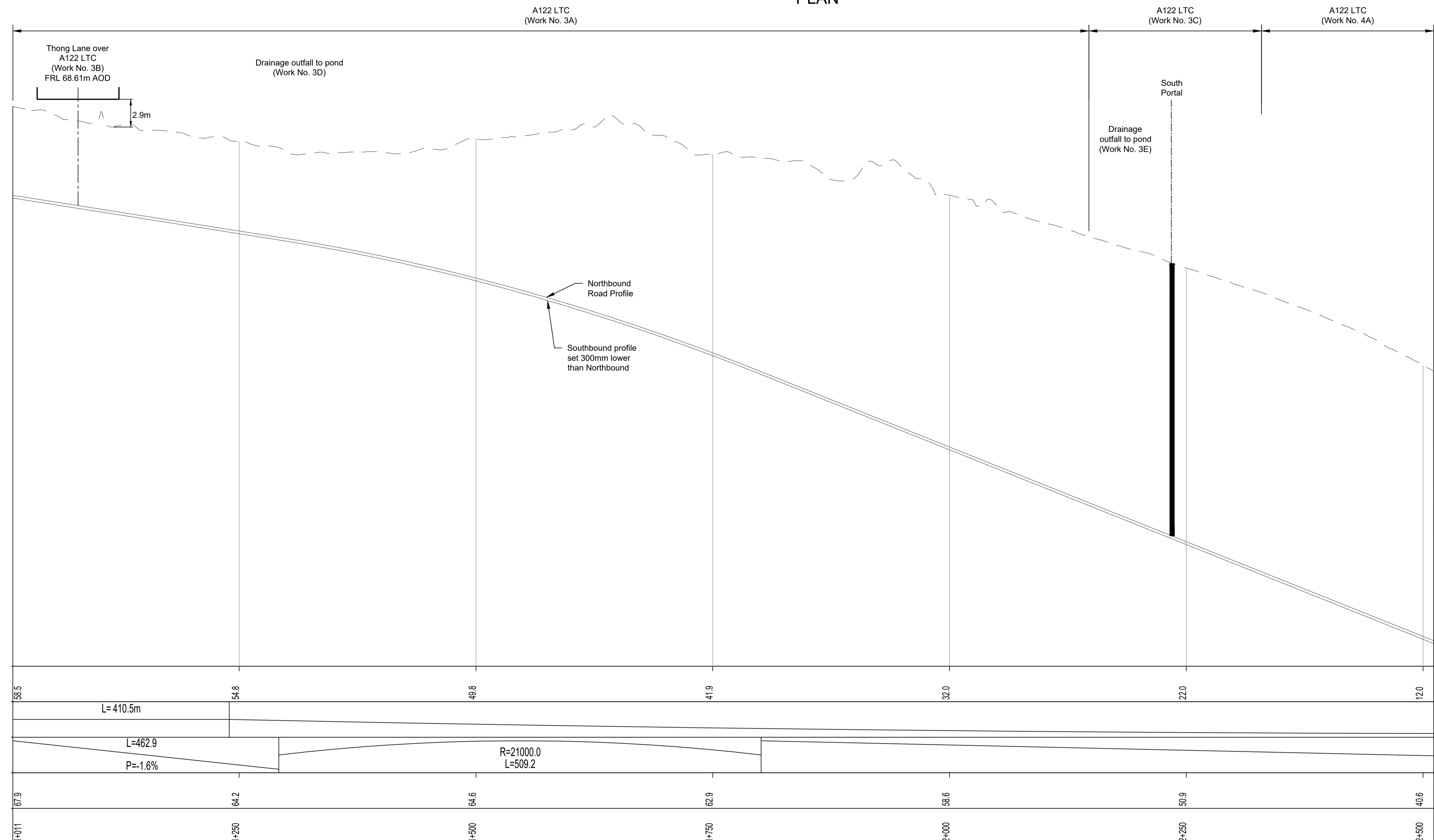
Client  
  
 Project  
**LOWER THAMES CROSSING**

|                             |   |               |         |          |     |
|-----------------------------|---|---------------|---------|----------|-----|
| Status                      | DCO Application   | Original Size | A1      | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | 1:50000 |          |     |
| Drawing title               | <b>A122 LTC PLAN AND PROFILE<br/>REGULATION 5(2)(o) AND 6(2)<br/>KEY PLAN</b> |               |         |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10000                                    |               |         |          |     |





PLAN

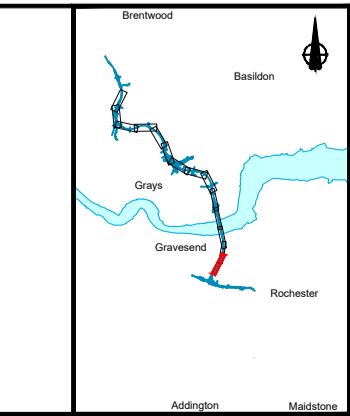
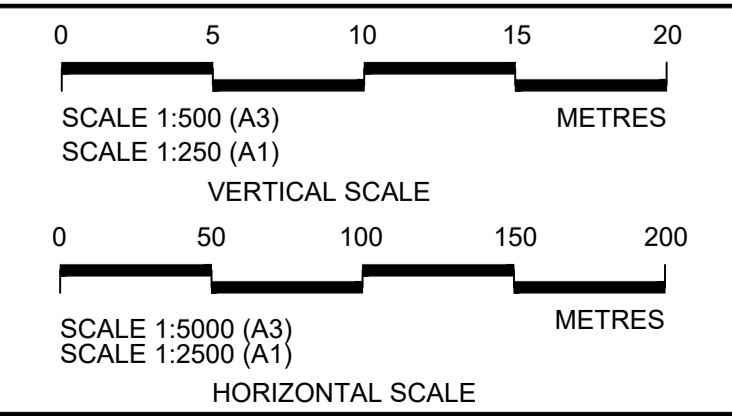


A122 LTC NORTHBOUND PROFILE

|     |        |            |                     |       |         |         |
|-----|--------|------------|---------------------|-------|---------|---------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB      | ASB     |

- NOTES:
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  - These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1).
  - Do not scale from this drawing.
  - All dimensions are in metres unless stated otherwise.
  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

- LEGEND:
- Existing ground level
  - == Structure
  - Proposed road level
  - ▭ Structures - Bridge
  - ▭ Structures - Underpass
  - NB - Northbound
  - WB - Westbound
  - EB - Eastbound
  - SB - Southbound
  - MHWS - Mean High Water Springs
  - MLWS - Mean Low Water Springs
  - FRL - Finished Road Level
  - ▨ Maintenance access
  - Order Limits

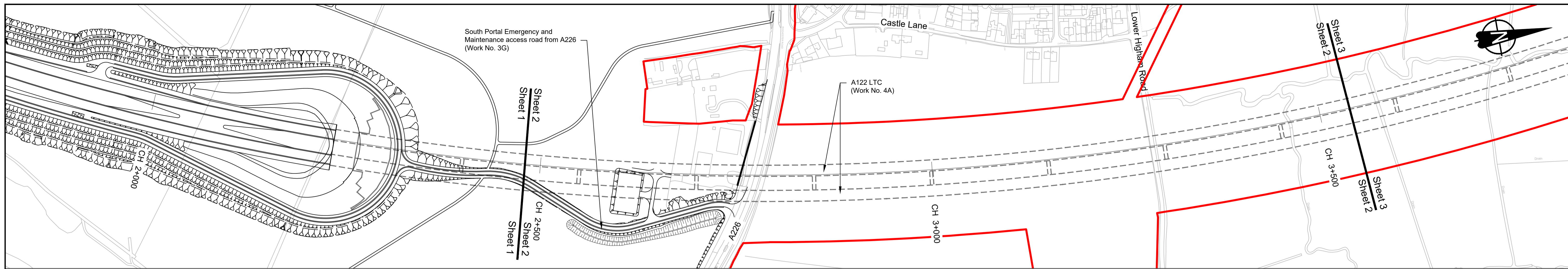


Client: **national highways**

Project: **LOWER THAMES CROSSING**

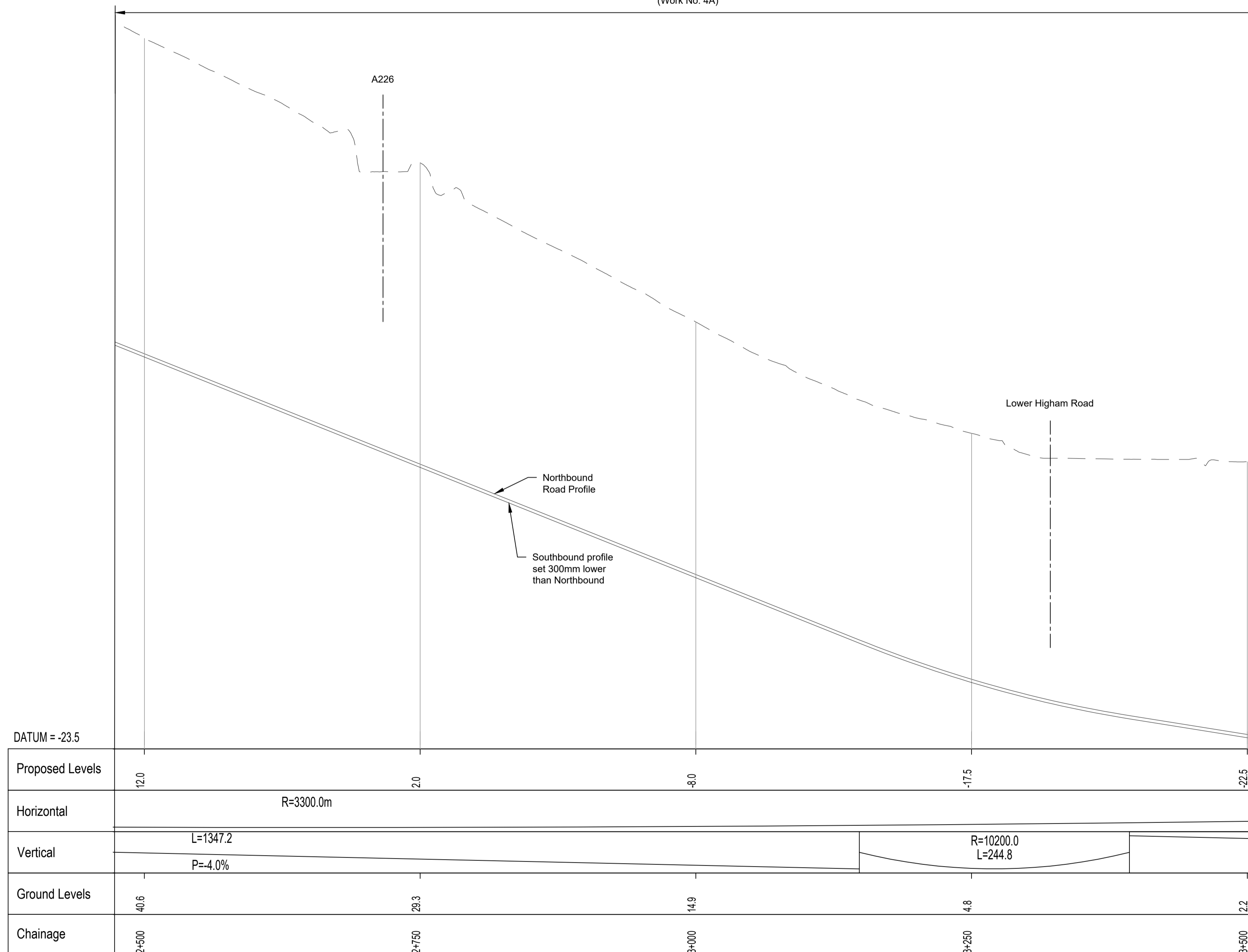
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| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 1 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10001                          |               |          |          |     |





PLAN

A122 LTC (Work No. 4A)



A122 LTC NORTHBOUND PROFILE

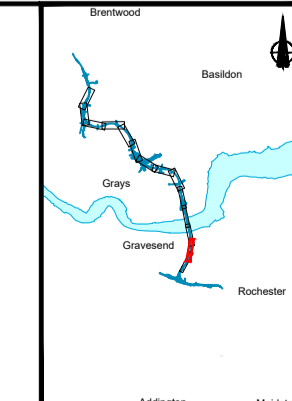
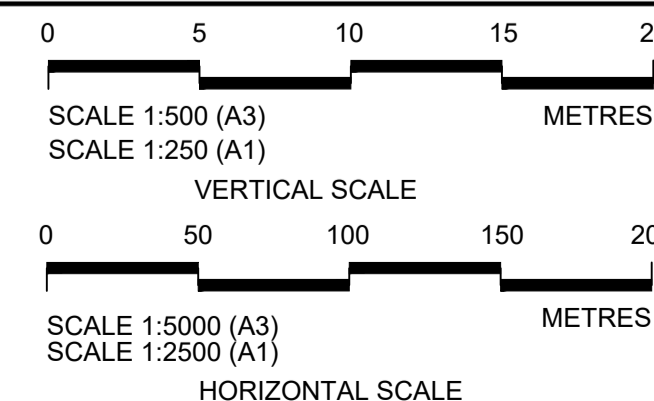
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NOTES:

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- All dimensions are in metres unless stated otherwise.
- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

LEGEND:

- - - Existing ground level
- Structure
- Proposed road level
- Structures - Bridge
- Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- Maintenance access
- Order Limits



Client

Project

**LOWER THAMES CROSSING**

Status: DCO Application

Application Document Number: TR010032/APP/2.9

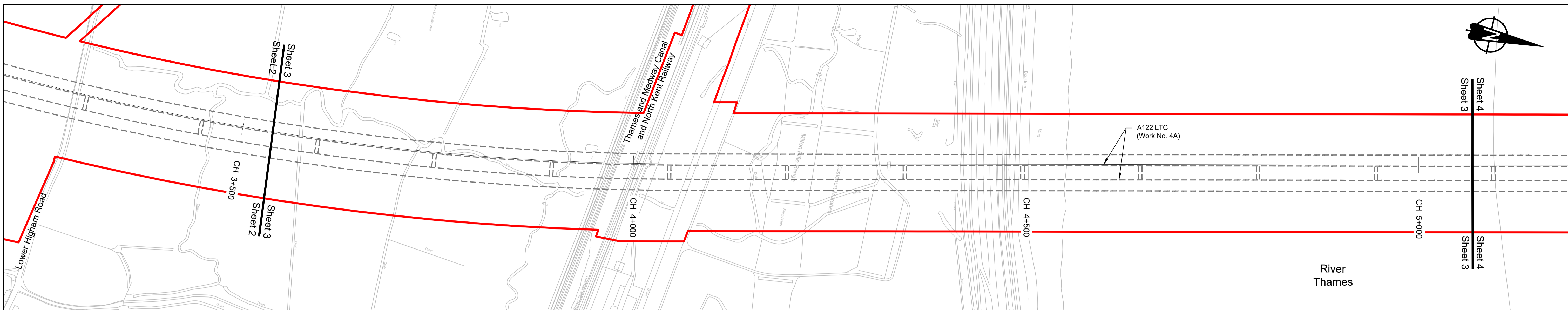
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Drawing Number: HE540039-CJV-BOP-SZA\_RX000000\_-DR-CH-10002

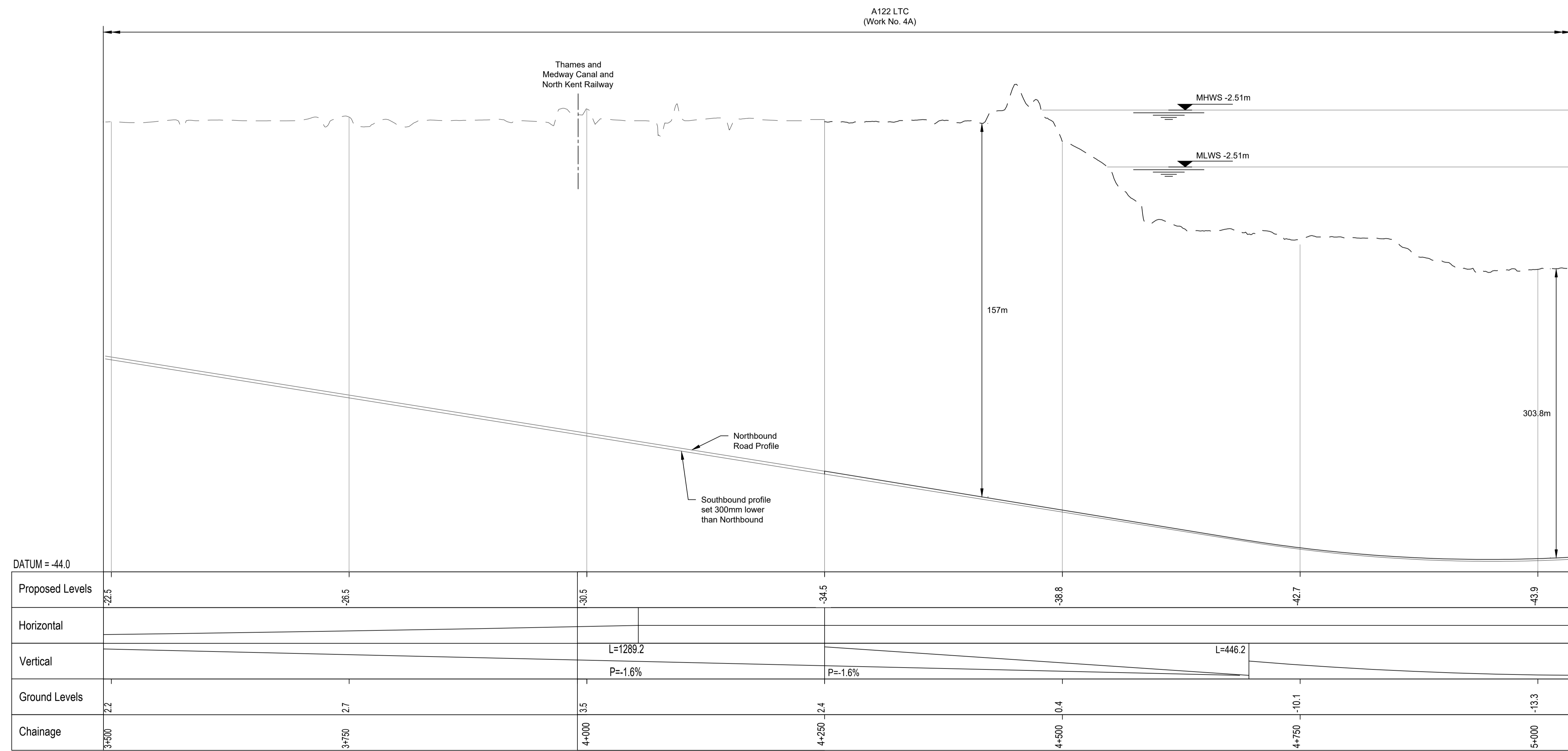
Original Size: A1, Revision: P01, Scale: AS SHOWN

|     |        |            |                     |       |         |         |
|-----|--------|------------|---------------------|-------|---------|---------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB      | ASB     |
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |





PLAN



A122 LTC NORTHBOUND PROFILE

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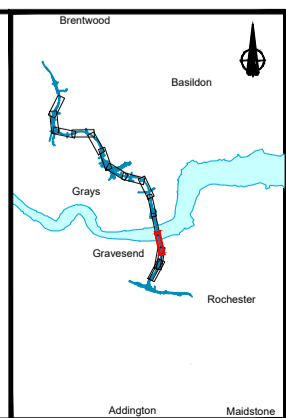
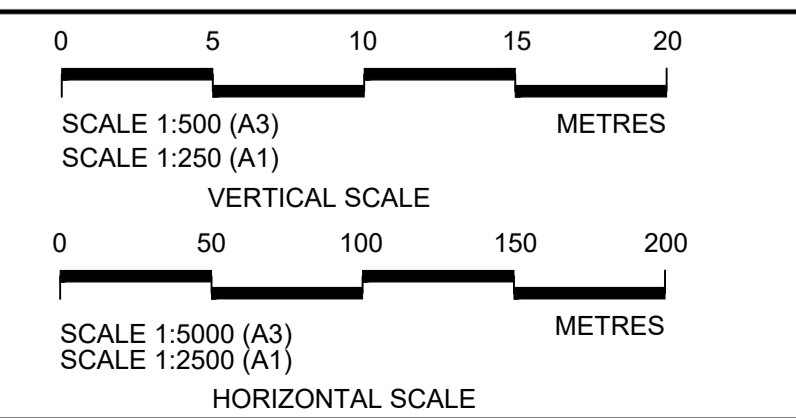
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Checked | Approved |
|-----|--------|------------|---------------------|-------|---------|----------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB      | ASB      |

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- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

**LEGEND:**

|     |                        |                    |                           |
|-----|------------------------|--------------------|---------------------------|
| --- | Existing ground level  | NB                 | - Northbound              |
| --- | Structure              | WB                 | - Westbound               |
| --- | Proposed road level    | EB                 | - Eastbound               |
| --- | Structures - Bridge    | SB                 | - Southbound              |
| --- | Structures - Underpass | MHWS               | - Mean High Water Springs |
| --- |                        | MLWS               | - Mean Low Water Springs  |
| --- |                        | FRL                | - Finished Road Level     |
| --- |                        | Maintenance access |                           |
| --- |                        | Order Limits       |                           |

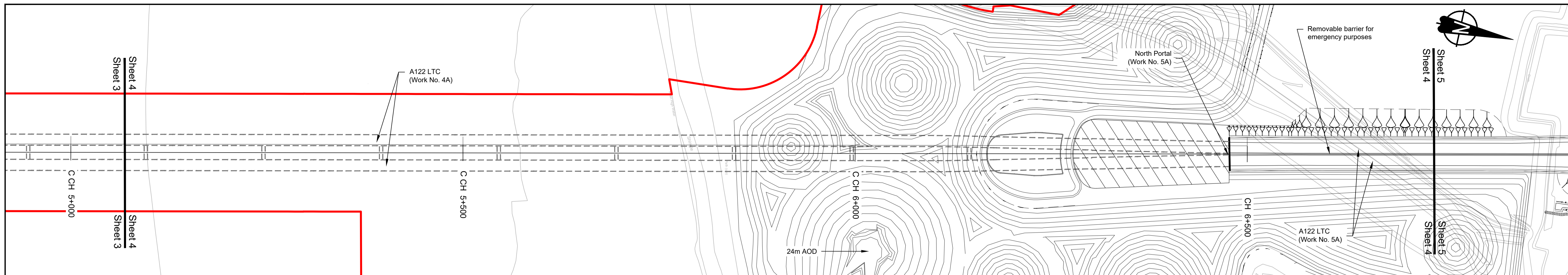


Client: national highways

Project: LOWER THAMES CROSSING

|                             |   |               |          |          |     |
|-----------------------------|---|---------------|----------|----------|-----|
| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 3 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10003                          |               |          |          |     |

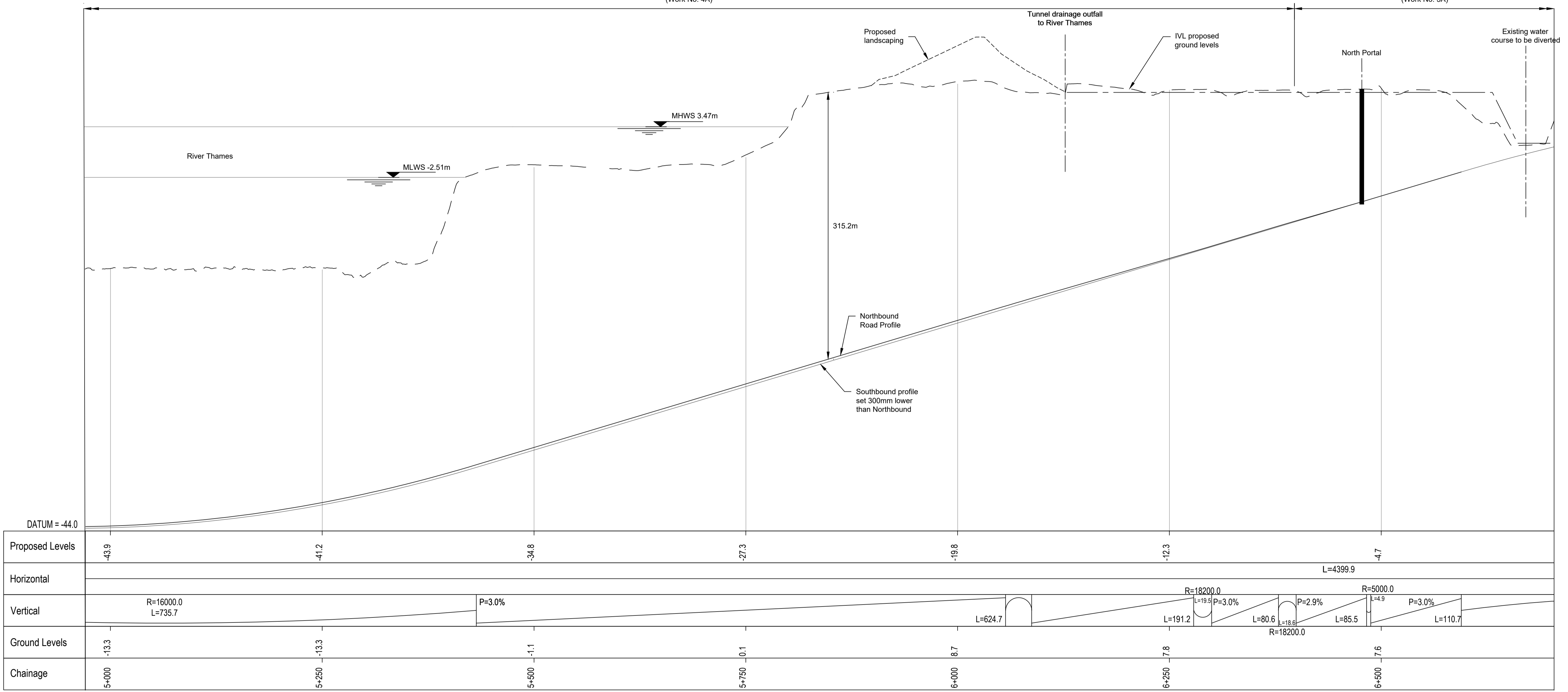




PLAN

A122 LTC (Work No. 4A)

A122 LTC NB (Work No. 5A)



A122 LTC NORTHBOUND PROFILE

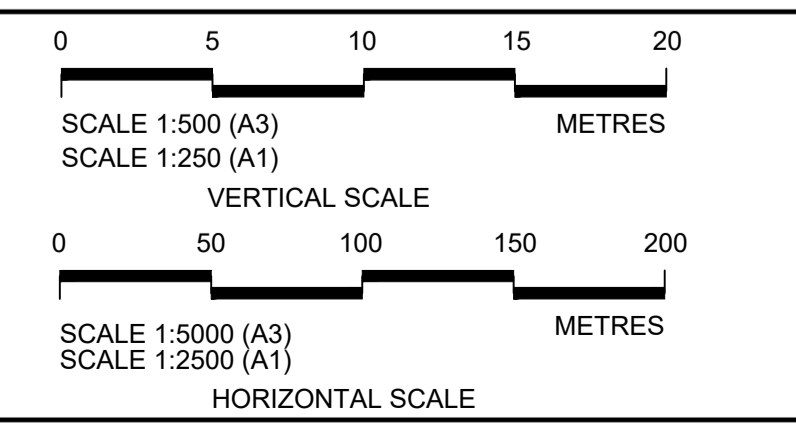
|     |        |            |                     |       |       |        |
|-----|--------|------------|---------------------|-------|-------|--------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Chk'd | Appr'd |
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB    | ASB    |

NOTES:

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- All dimensions are in metres unless stated otherwise.
- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

LEGEND:

- Existing ground level
- Structure
- Proposed road level
- Structures - Bridge
- Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- Maintenance access
- Order Limits

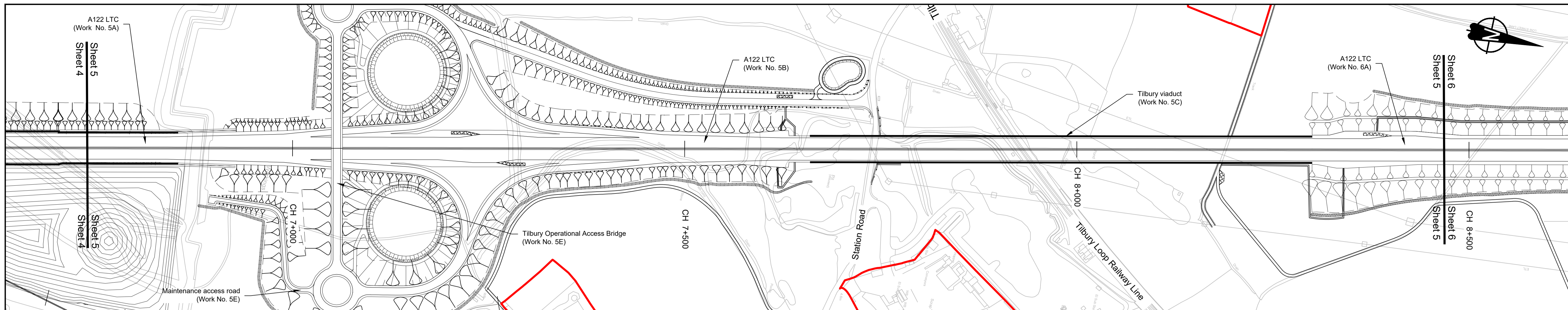


Client: national highways

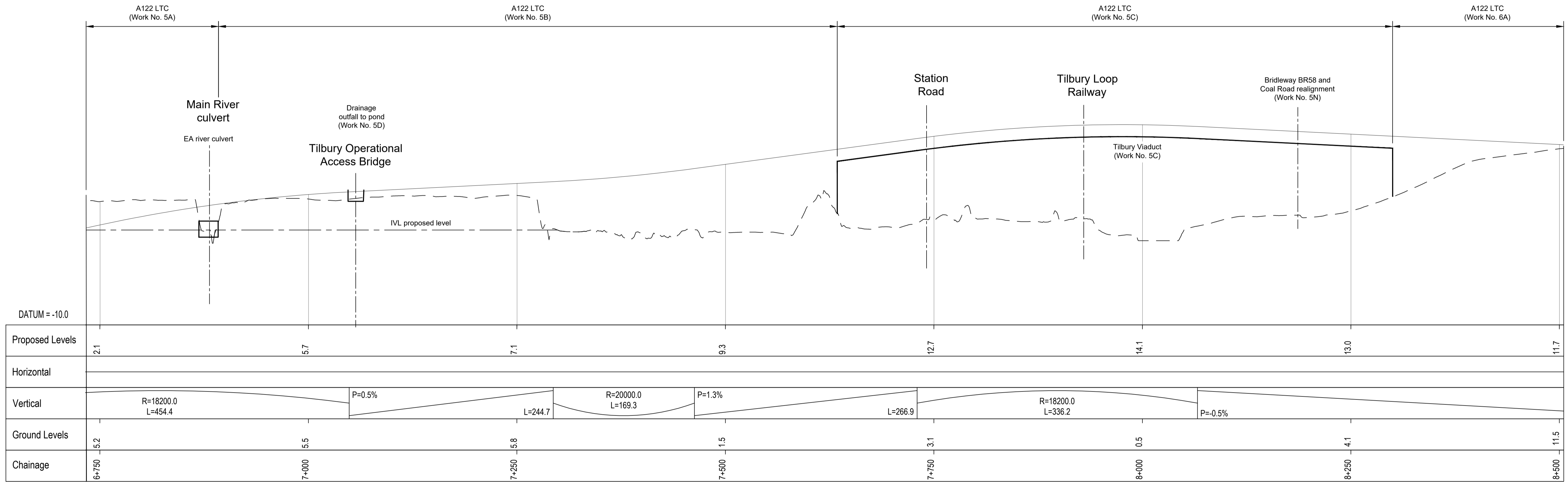
Project: LOWER THAMES CROSSING

|                             |   |               |          |          |     |
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| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 4 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10004                          |               |          |          |     |





PLAN



A122 LTC PROFILE

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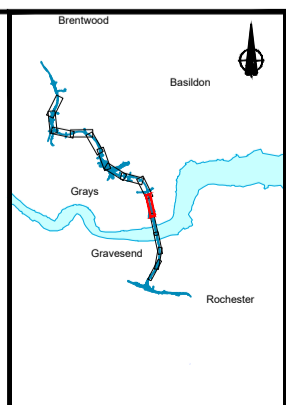
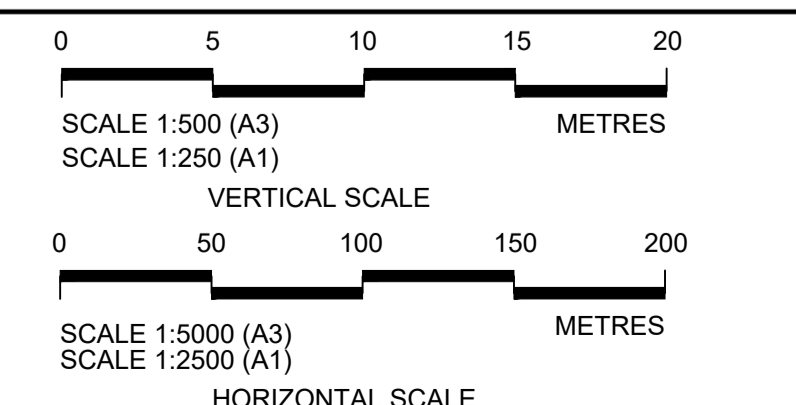
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Chk'd | Apprv'd |
|-----|--------|------------|---------------------|-------|-------|---------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB    | ASB     |

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- Do not scale from this drawing.
- All dimensions are in metres unless stated otherwise.
- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

**LEGEND:**

|     |                        |      |                           |
|-----|------------------------|------|---------------------------|
| --- | Existing ground level  | NB   | - Northbound              |
| ==  | Structure              | WB   | - Westbound               |
| --- | Proposed road level    | EB   | - Eastbound               |
| □   | Structures - Bridge    | SB   | - Southbound              |
| □   | Structures - Underpass | MHWS | - Mean High Water Springs |
| --- | Maintenance access     | MLWS | - Mean Low Water Springs  |
| --- | Order Limits           | FRL  | - Finished Road Level     |

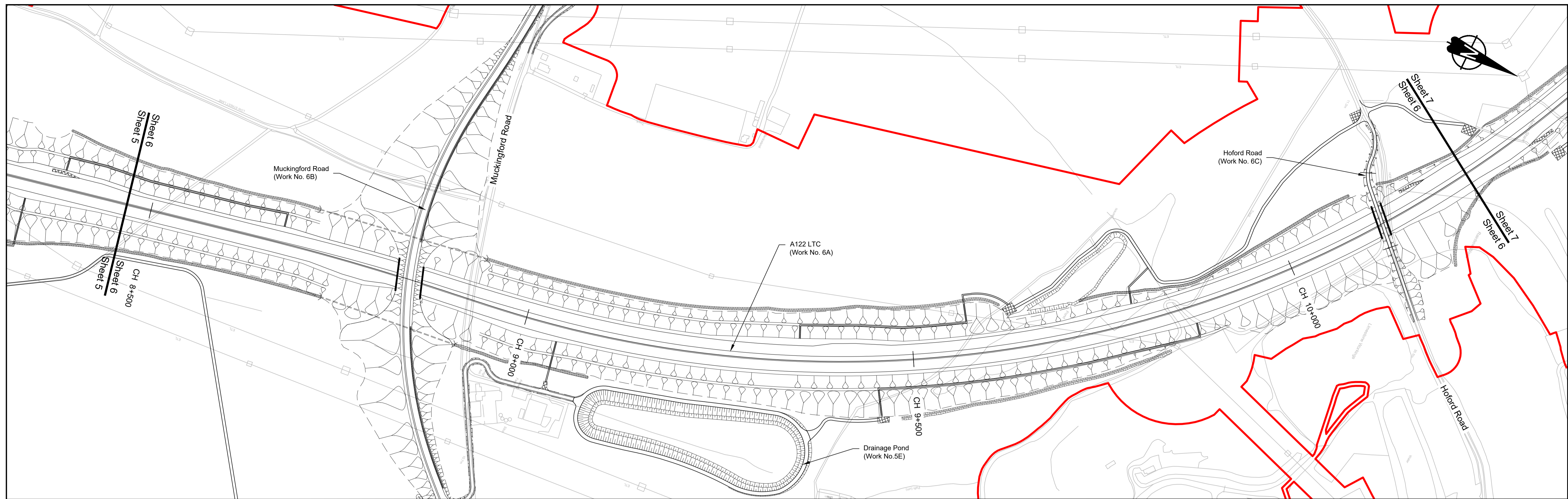


Client: **national highways**

Project: **LOWER THAMES CROSSING**

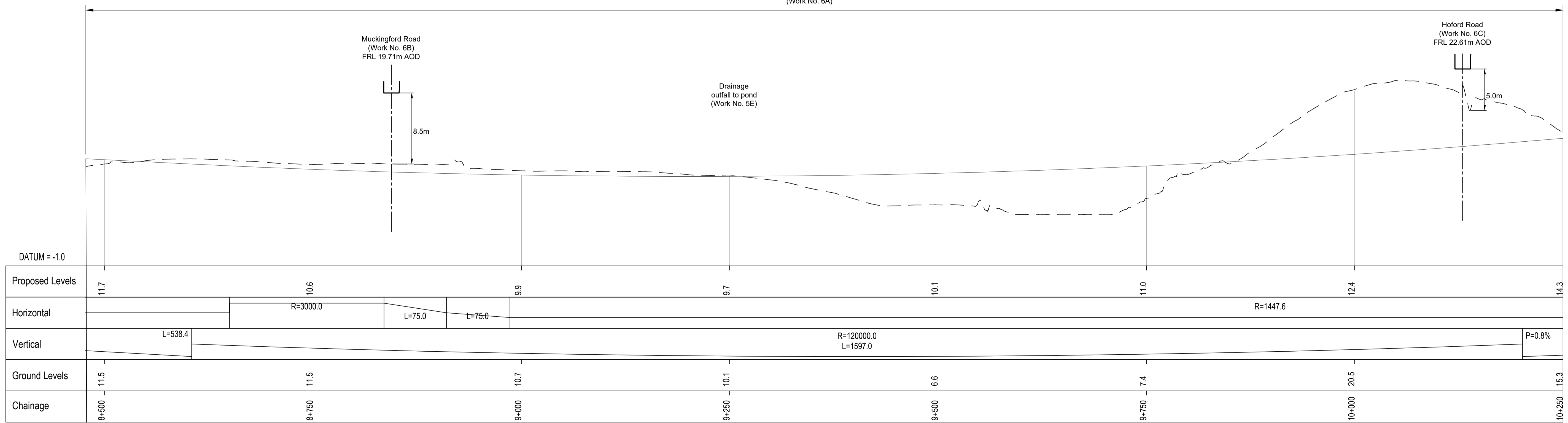
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|-----------------------------|--|---------------|----------|----------|-----|
| Status                      | DCO Application  | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9   | Scale         | AS SHOWN |          |     |
| Drawing title               | <b>A122 LTC PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 5</b> |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_DR-CH-10005                            |               |          |          |     |





PLAN

A122 LTC  
(Work No. 6A)



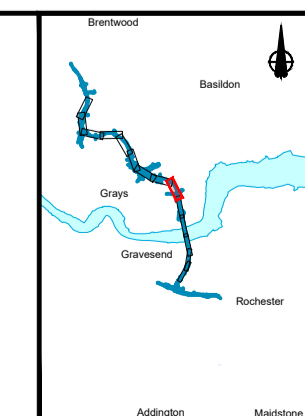
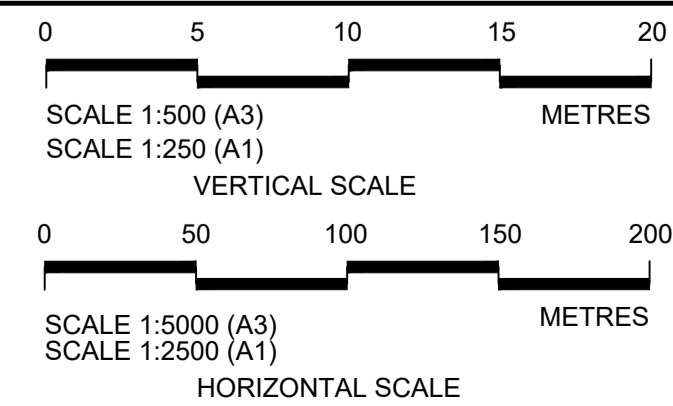
A122 LTC PROFILE

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| P01 | SB     | 19/10/2022 | DCO Application     | LY    | RO      | ASB     |
|-----|--------|------------|---------------------|-------|---------|---------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |

- NOTES:**
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  - All dimensions are in metres unless stated otherwise.
  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 Vertical.

- LEGEND:**
- - - Existing ground level
  - ▬ Structure
  - ▬ Proposed road level
  - ▭ Structures - Bridge
  - ▭ Structures - Underpass
  - NB - Northbound
  - WB - Westbound
  - EB - Eastbound
  - SB - Southbound
  - MHWS - Mean High Water Springs
  - MLWS - Mean Low Water Springs
  - FRL - Finished Road Level
  - ▨ Maintenance access
  - ▬ Order Limits

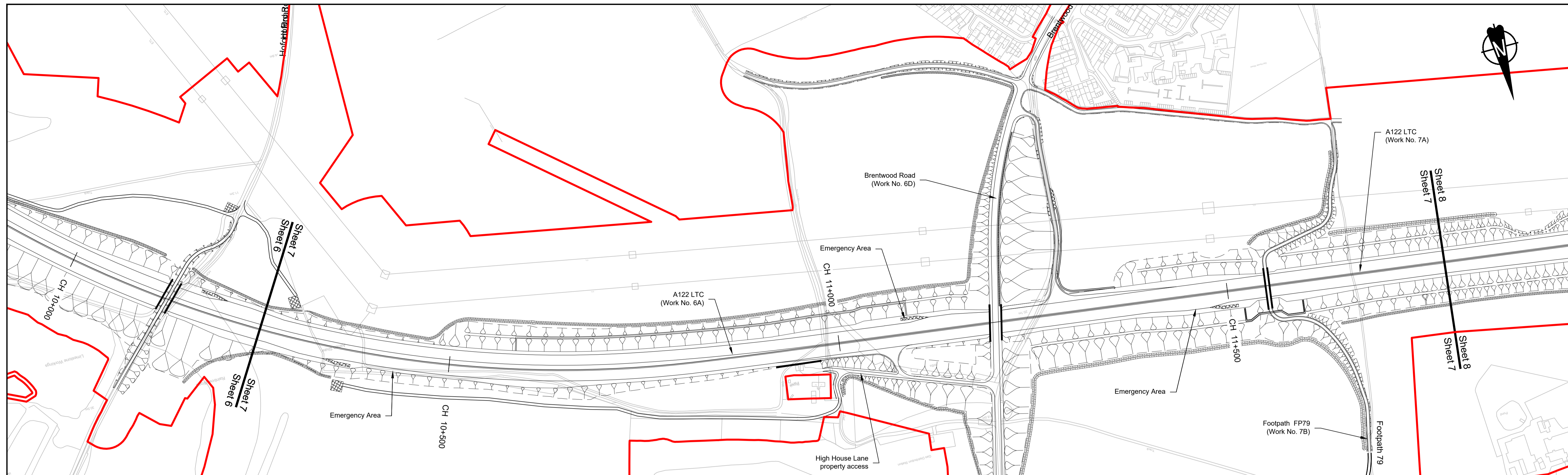


Client: **national highways**

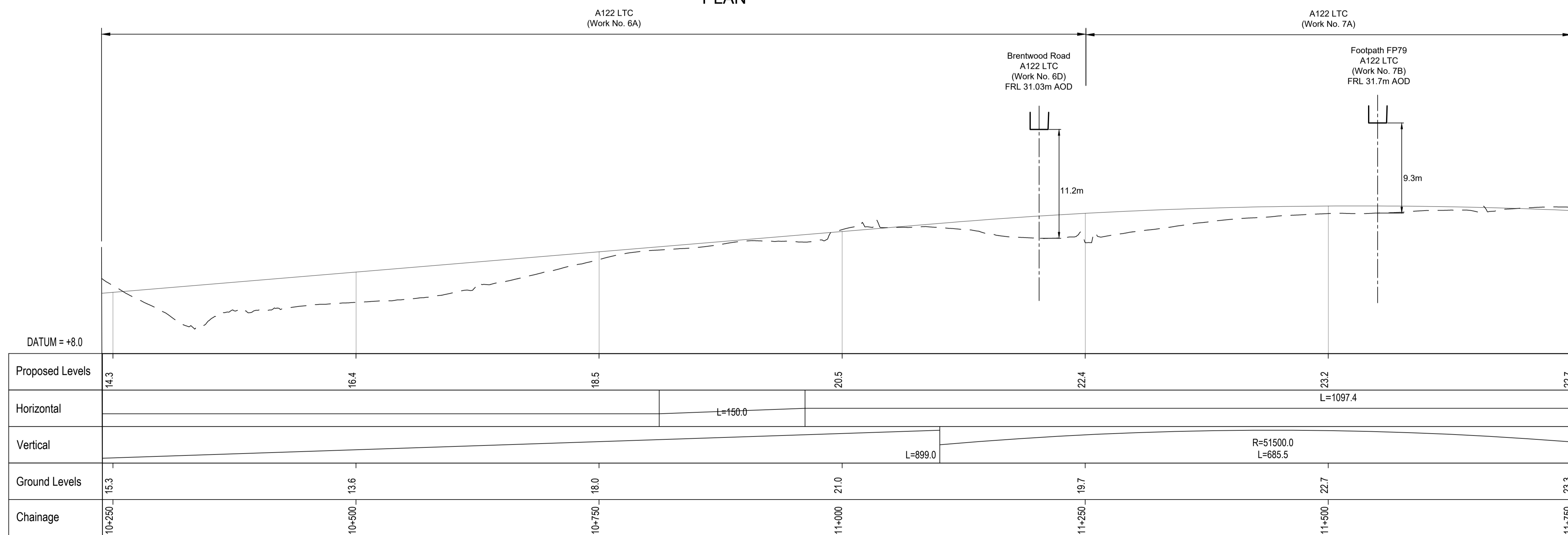
Project: **LOWER THAMES CROSSING**

|                             |   |               |          |          |     |
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| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 6 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10006                          |               |          |          |     |





PLAN



A122 LTC PROFILE

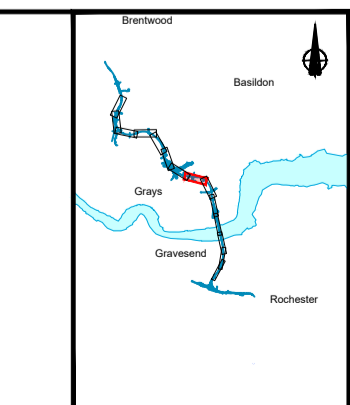
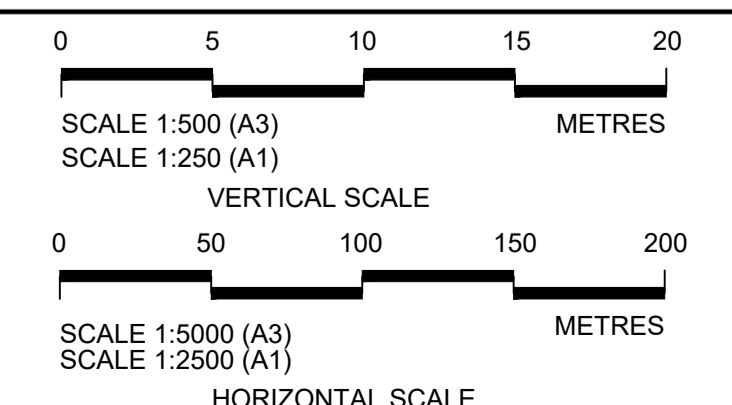
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| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Chkd | Apprv'd |
|-----|--------|------------|---------------------|-------|------|---------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB   | ASB     |

- NOTES:
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  - All dimensions are in metres unless stated otherwise.
  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

LEGEND:

- Existing ground level
- == Structure
- Proposed road level
- ▭ Structures - Bridge
- ▭ Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- ▨ Maintenance access
- Order Limits



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Application

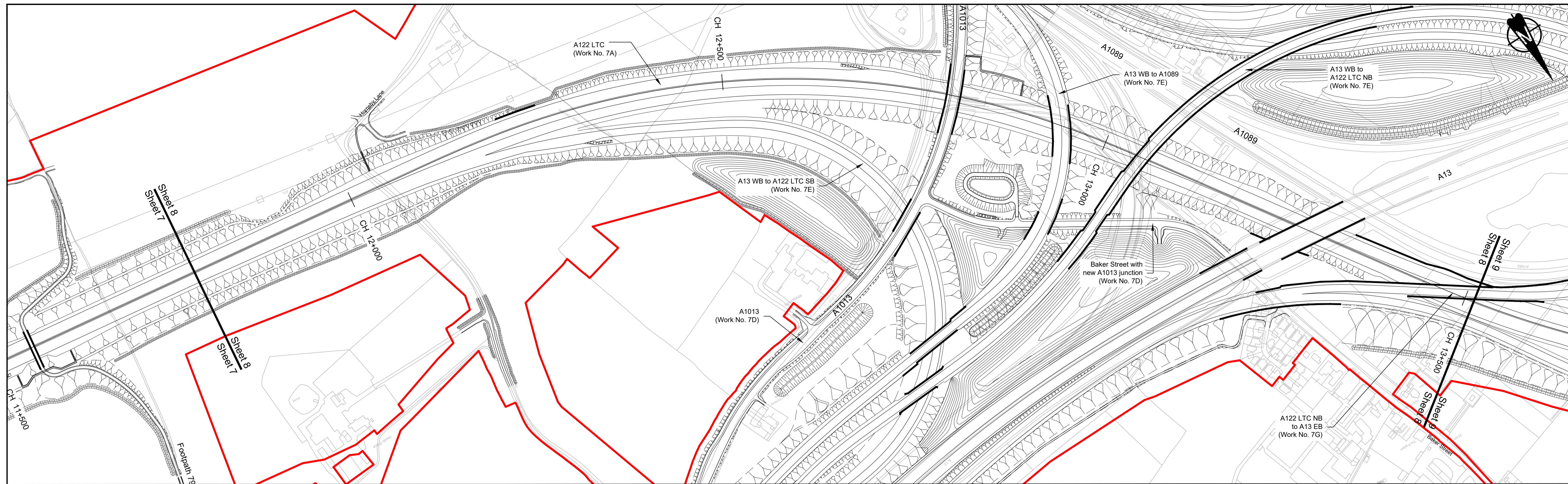
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Drawing title: **A122 LTC PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 7**

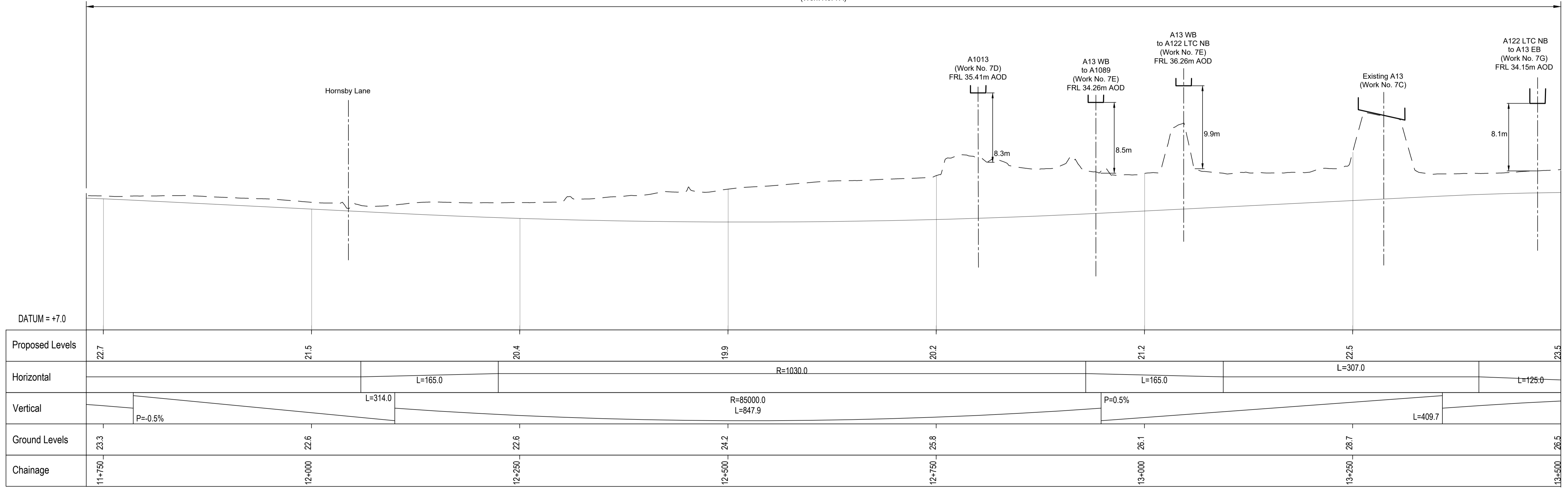
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Original Size: A1, Revision: P01, Scale: AS SHOWN





PLAN  
A122 LTC  
(Work No. 7A)



A122 LTC PROFILE

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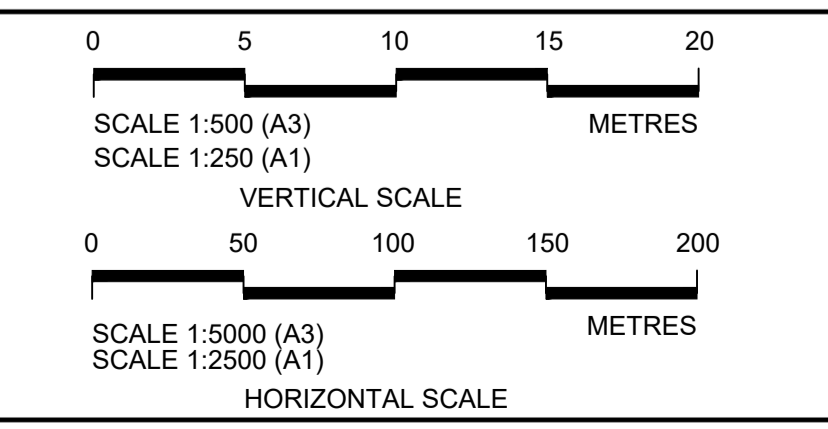
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB      | ASB     |
|-----|--------|------------|---------------------|-------|---------|---------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |

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- Do not scale from this drawing.
- All dimensions are in metres unless stated otherwise.
- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

**LEGEND:**

- Existing ground level
- == Structure
- Proposed road level
- ▭ Structures - Bridge
- ▭ Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- ▨ Maintenance access
- Order Limits

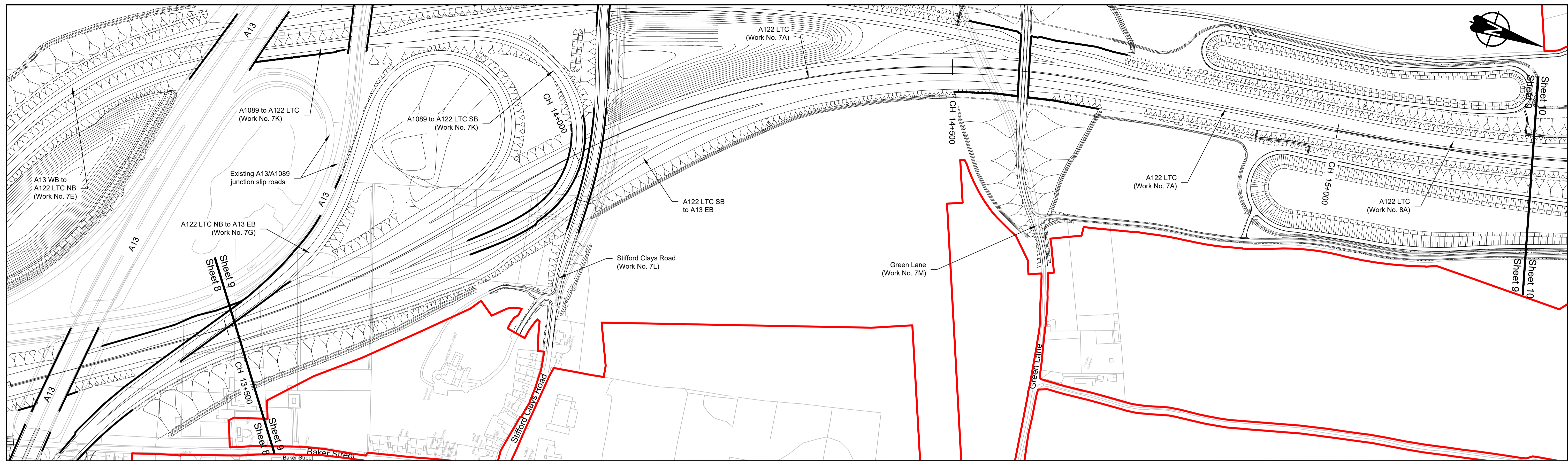


**national highways**

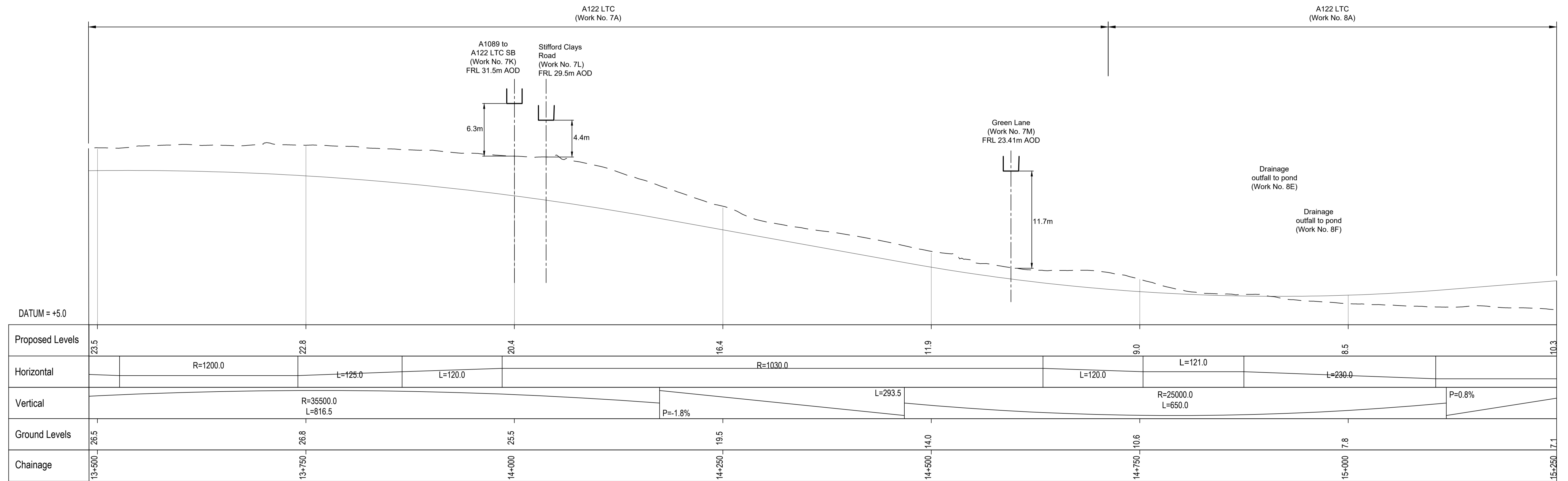
Project: LOWER THAMES CROSSING

|                             |   |               |          |          |     |
|-----------------------------|---|---------------|----------|----------|-----|
| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 8 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_DR-CH-10008                           |               |          |          |     |





PLAN



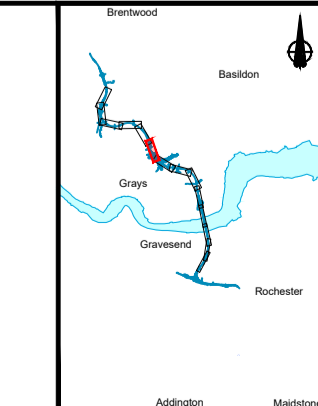
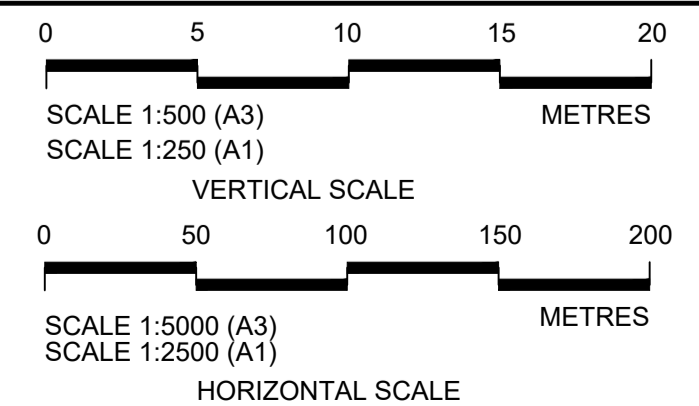
A122 LTC PROFILE

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|     |        |            |                     |       |         |         |
|-----|--------|------------|---------------------|-------|---------|---------|
| P01 | SB     | 19/10/2022 | DCO Application     | LY    | RO      | ASB     |
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |

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  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

- LEGEND:
- Existing ground level
  - == Structure
  - Proposed road level
  - Structures - Bridge
  - Structures - Underpass
  - NB - Northbound
  - WB - Westbound
  - EB - Eastbound
  - SB - Southbound
  - MHWS - Mean High Water Springs
  - MLWS - Mean Low Water Springs
  - FRL - Finished Road Level
  - ▨ Maintenance access
  - Order Limits

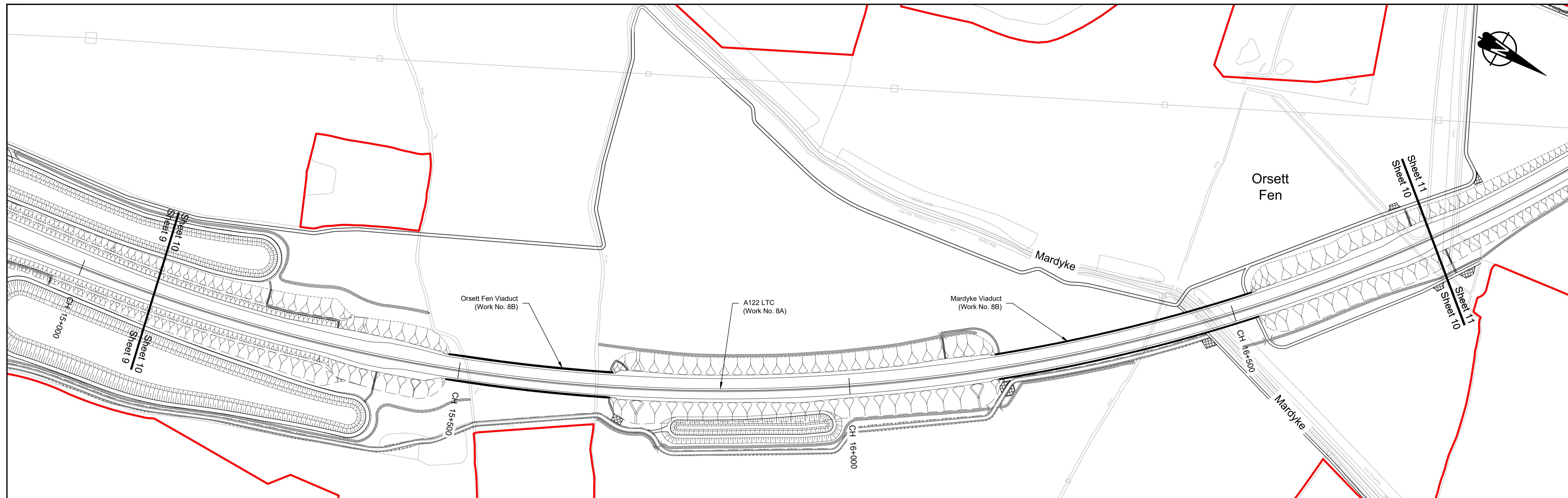


Client: national highways

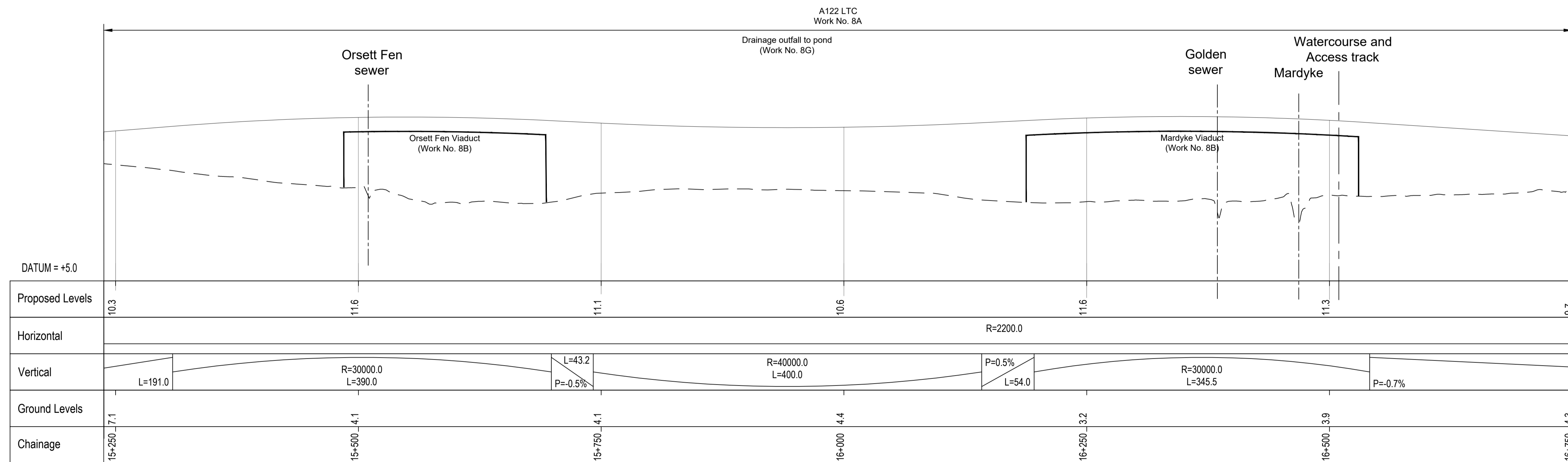
Project: LOWER THAMES CROSSING

|                             |   |               |          |          |     |
|-----------------------------|---|---------------|----------|----------|-----|
| Status                      | DCO Application   | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9  | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 9 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10009                          |               |          |          |     |





PLAN

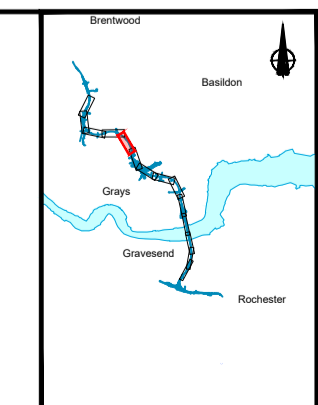
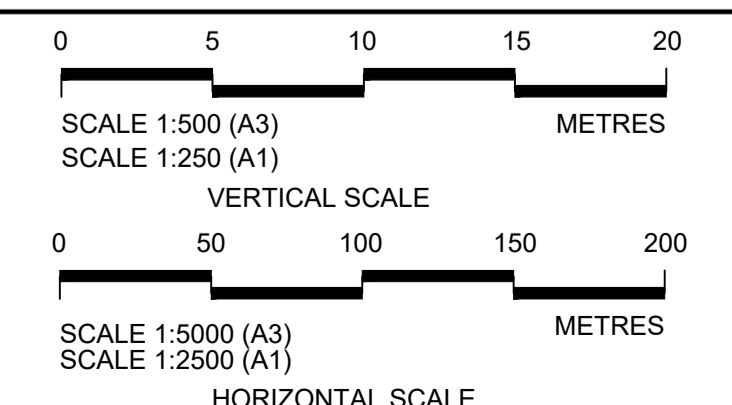


A122 LTC PROFILE

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**NOTES:**  
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 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).  
 3. Do not scale from this drawing.  
 4. All dimensions are in metres unless stated otherwise.  
 5. All levels are in metres relative to the Ordnance Datum.  
 6. Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

**LEGEND:**  
 - - - Existing ground level  
 Structure  
 Proposed road level  
 Structures - Bridge  
 Structures - Underpass  
 NB - Northbound  
 WB - Westbound  
 EB - Eastbound  
 SB - Southbound  
 MHWS - Mean High Water Springs  
 MLWS - Mean Low Water Springs  
 FRL - Finished Road Level  
 Maintenance access  
 Order Limits

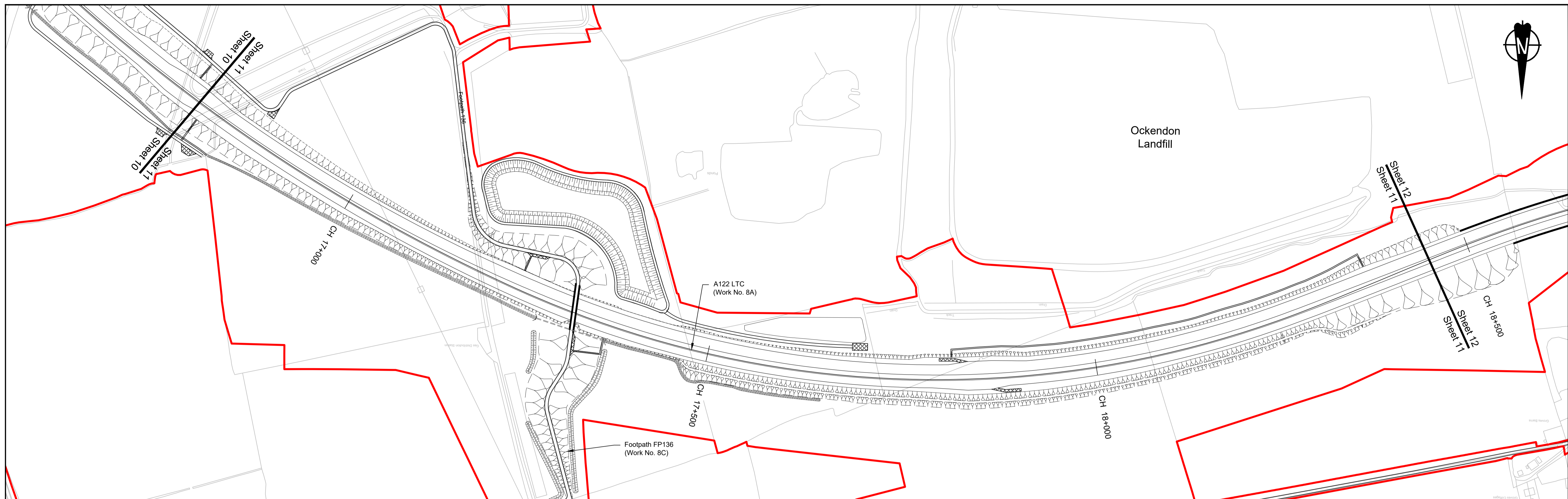


Client: **national highways**  
 Project: **LOWER THAMES CROSSING**

Status: DCO Application  
 Application Document Number: TR010032/APP/2.9  
 Drawing title: **A122 LTC PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 10**  
 Drawing Number: HE540039-CJV-BOP-SZA\_RX000000\_-DR-CH-10010

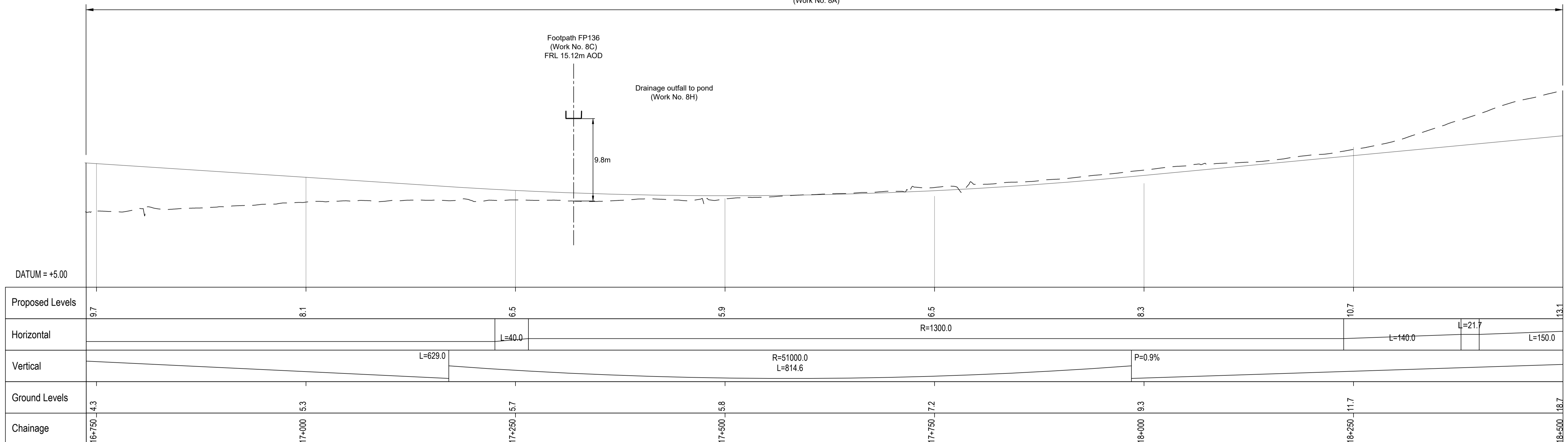
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |
|-----|--------|------------|---------------------|-------|---------|---------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB      | ASB     |





**PLAN**

A122 LTC  
(Work No. 8A)

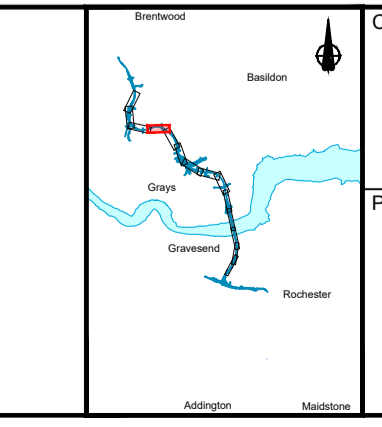
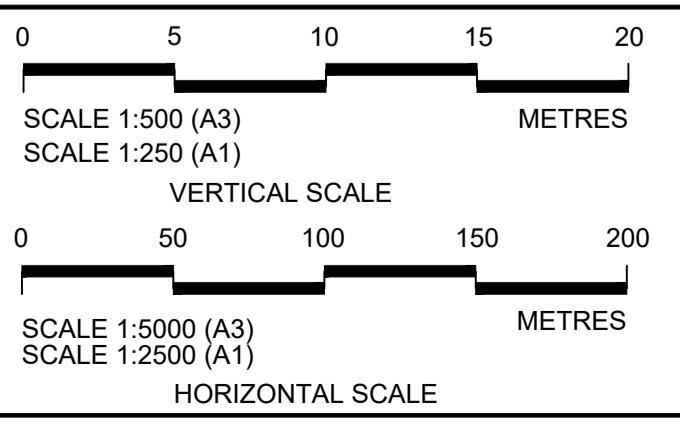


**A122 LTC PROFILE**

|  |        |            |                     |       |                   |
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| P01  | S8     | 19/10/2022 | DCO Application     | LY    | BB ASB            |
| Rev  | Status | Rev. Date  | Purpose of revision | Drawn | Check'd / Apprv'd |

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  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

- LEGEND:**
- Existing ground level
  - == Structure
  - Proposed road level
  - Structures - Bridge
  - Structures - Underpass
  - NB - Northbound
  - WB - Westbound
  - EB - Eastbound
  - SB - Southbound
  - MHWS - Mean High Water Springs
  - MLWS - Mean Low Water Springs
  - FRL - Finished Road Level
  - ▨ Maintenance access
  - Order Limits

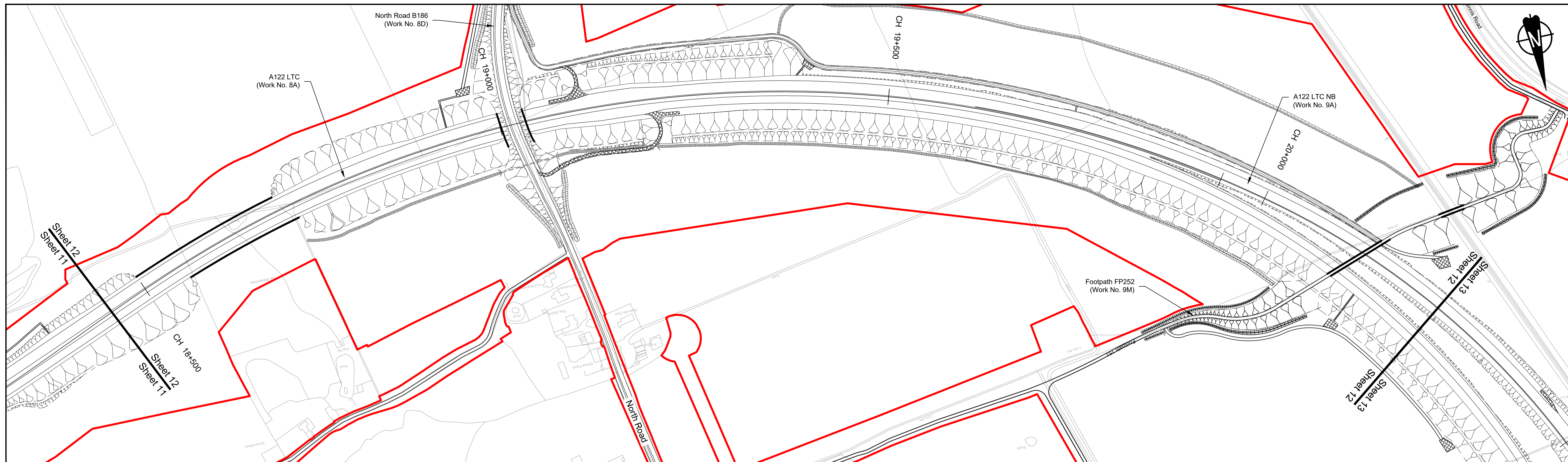


**national highways**

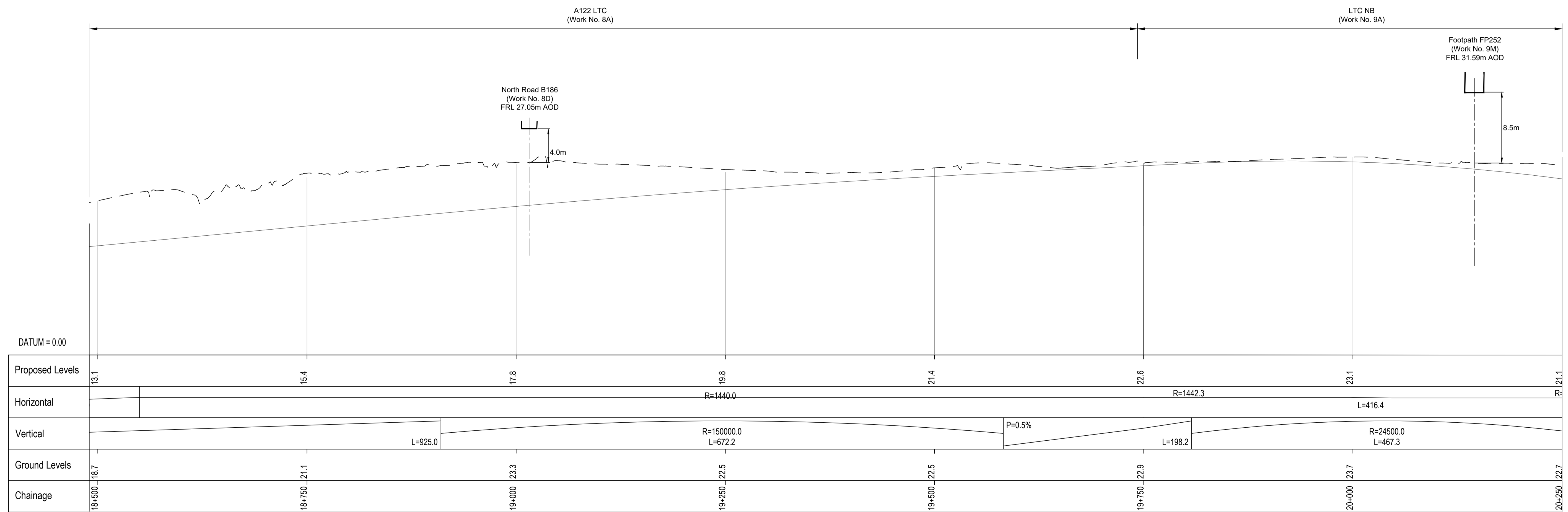
**LOWER THAMES CROSSING**

|                             |  |               |          |
|-----------------------------|--|---------------|----------|
| Status                      | DCO Application  | Original Size | Revision |
| Application Document Number | TR010032/APP/2.9   | A1            | P01      |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 11 |               |          |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_DR-CH-10011                            |               |          |





PLAN



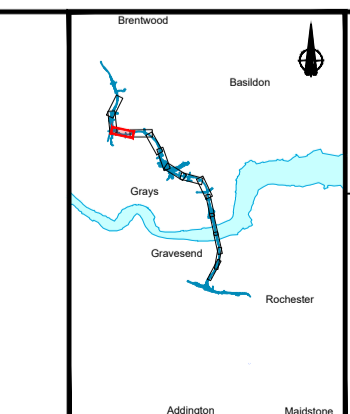
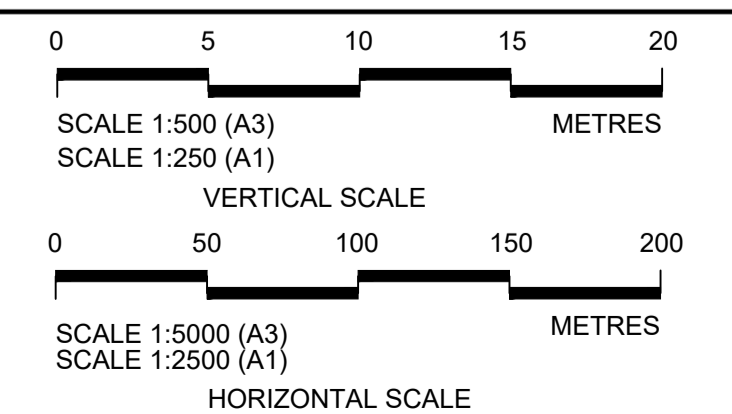
A122 LTC PROFILE

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|-----|--------|------------|---------------------|-------|---------|---------|
| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Check'd | Apprv'd |

- NOTES:
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  - All levels are in metres relative to the Ordnance Datum.
  - Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

- LEGEND:
- Existing ground level
  - Structure
  - Proposed road level
  - Structures - Bridge
  - Structures - Underpass
  - NB - Northbound
  - WB - Westbound
  - EB - Eastbound
  - SB - Southbound
  - MHWS - Mean High Water Springs
  - MLWS - Mean Low Water Springs
  - FRL - Finished Road Level
  - Maintenance access
  - Order Limits

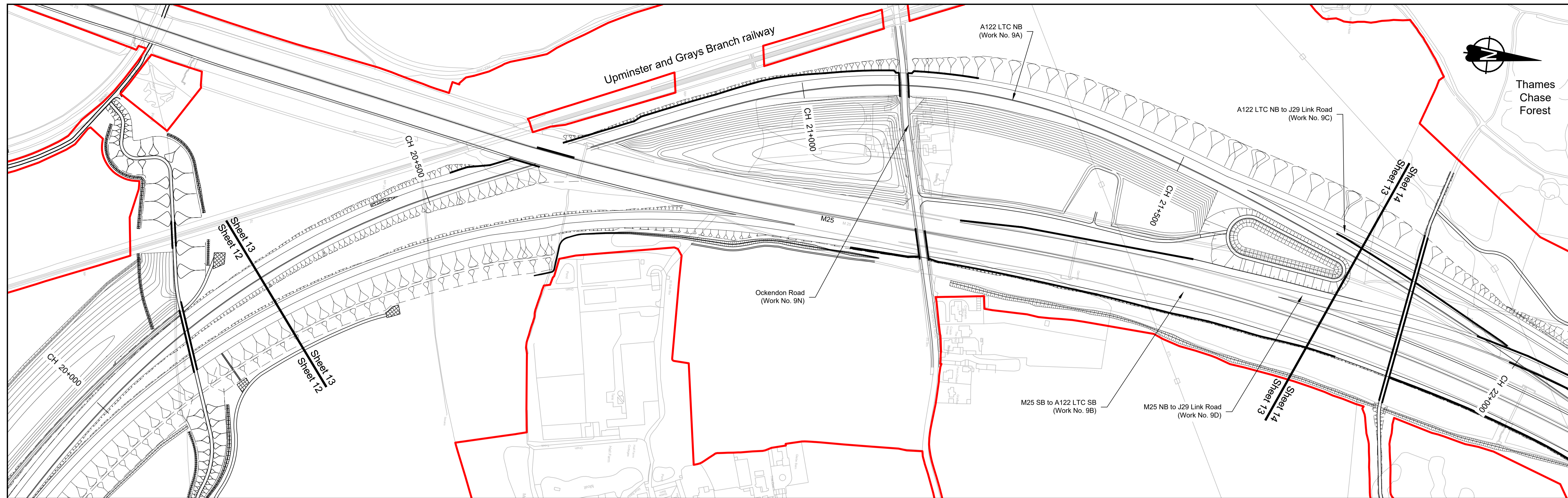


Client: national highways

Project: LOWER THAMES CROSSING

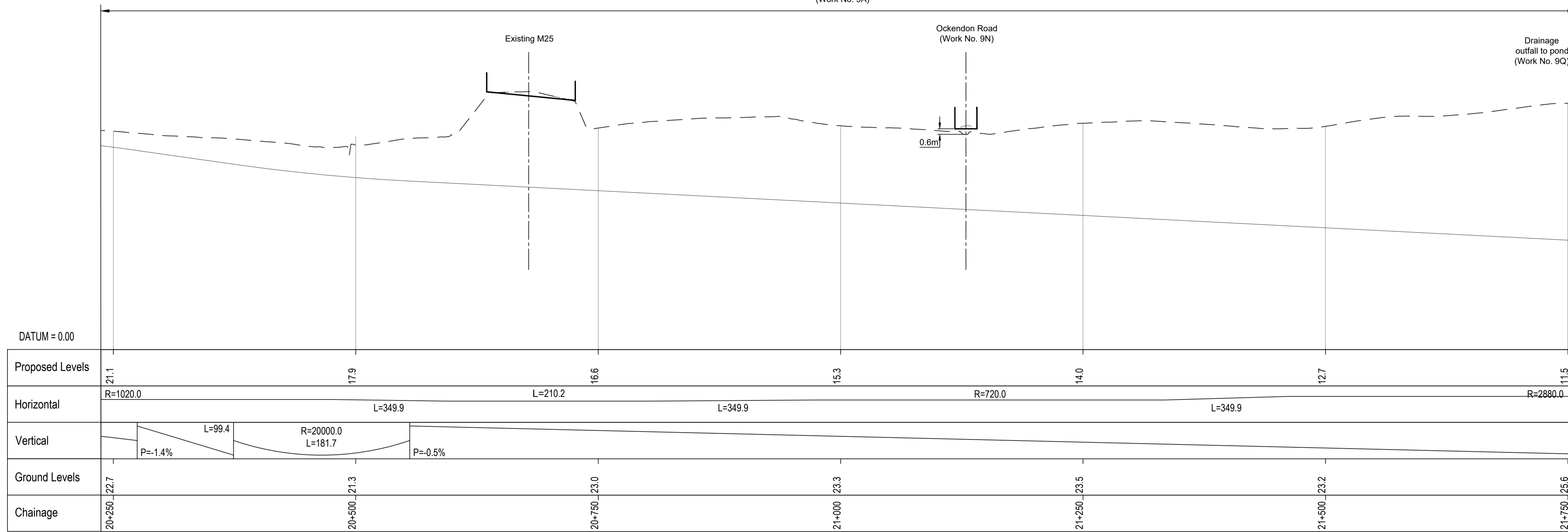
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| Status                      | DCO Application  | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9   | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 12 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10012                     |               |          |          |     |





PLAN

LTC NB  
(Work No. 9A)



A122 LTC PROFILE

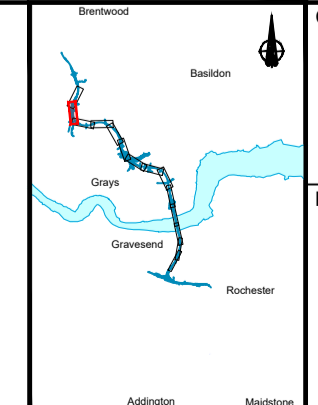
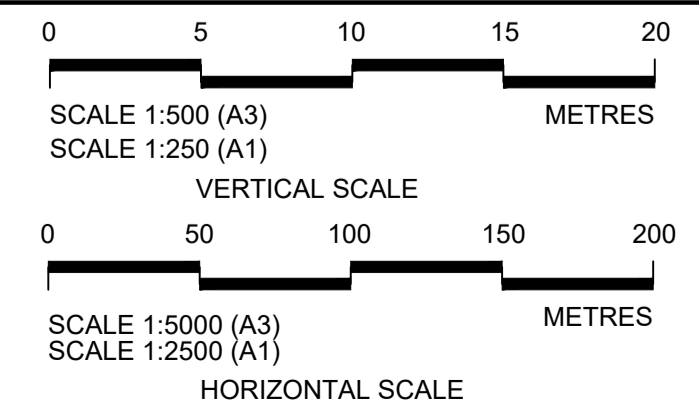
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|--|--------|------------|---------------------|-------|--------|---------|
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| P01  | S8     | 19/10/2022 | DCO Application     | LY    | BB     | ASB     |
| Rev  | Status | Rev. Date  | Purpose of revision | Drawn | Chck'd | Apprv'd |

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- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

LEGEND:

- Existing ground level
- == Structure
- Proposed road level
- ▭ Structures - Bridge
- ▭ Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- ▨ Maintenance access
- Order Limits

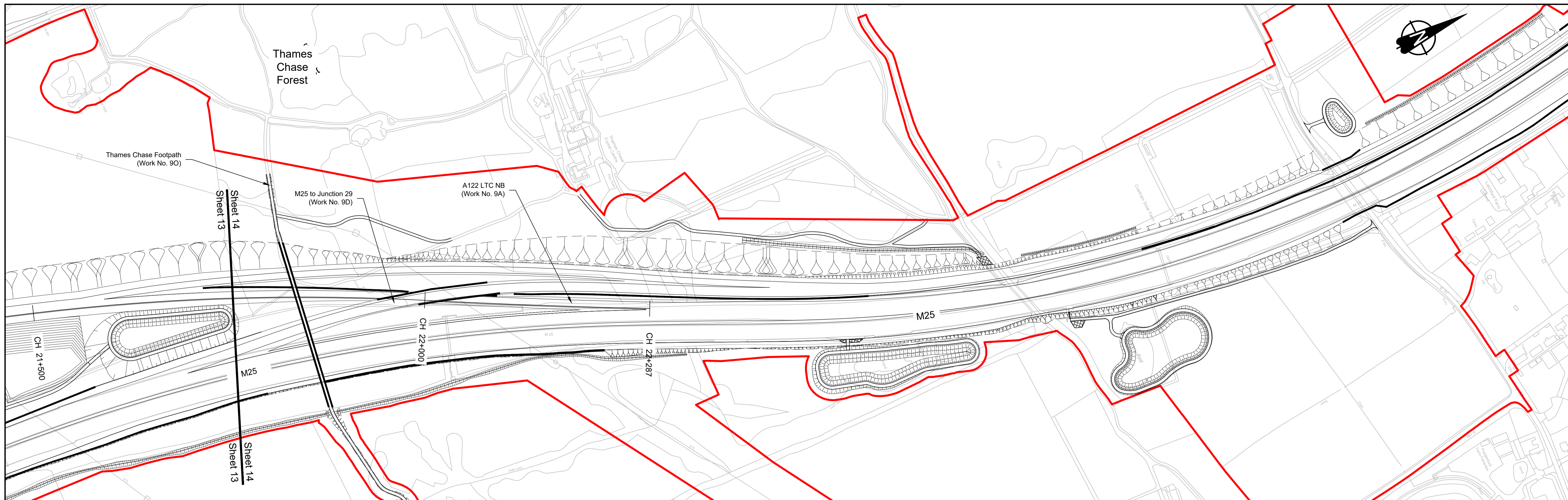


Client: national highways

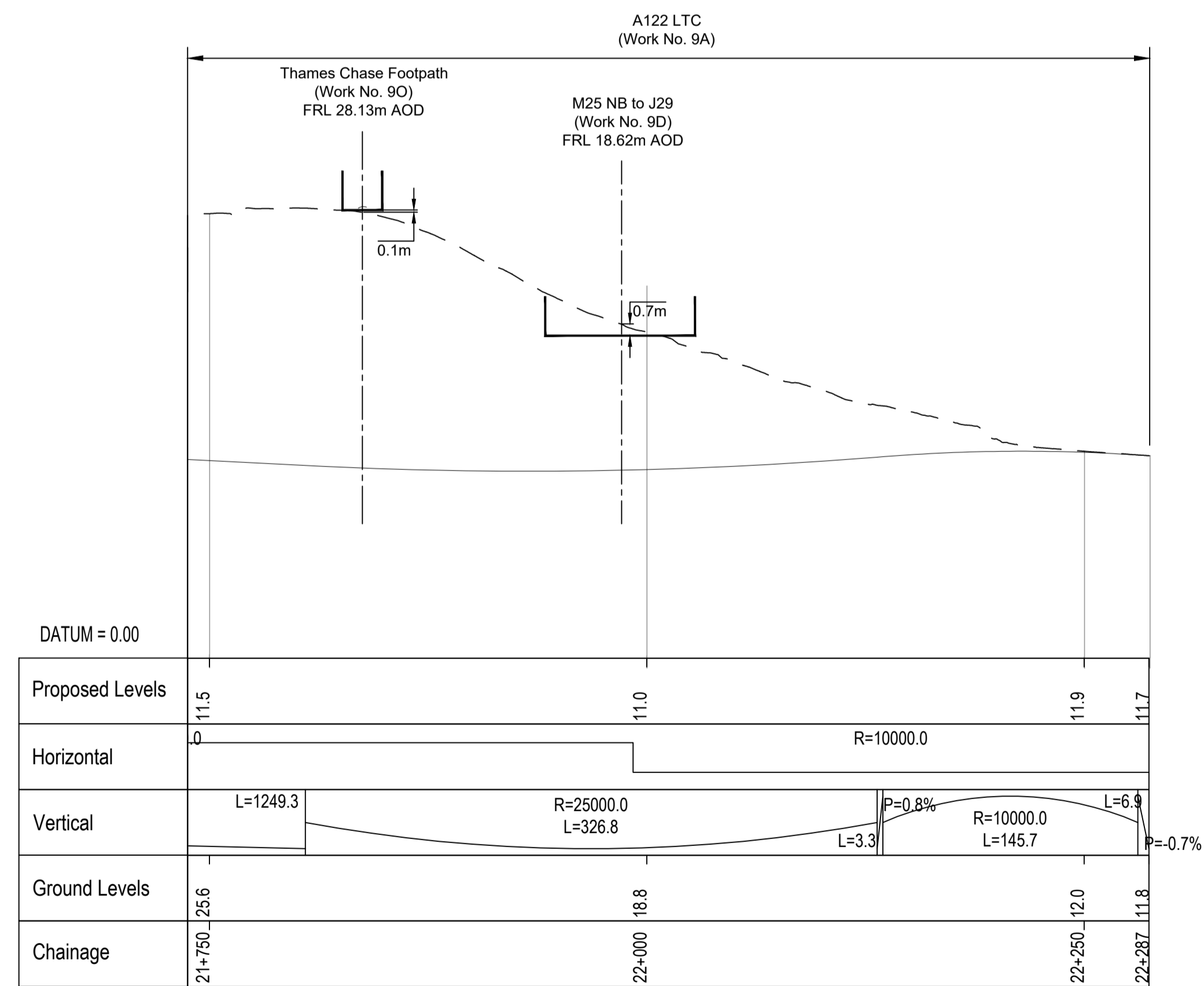
Project: LOWER THAMES CROSSING

|                             |  |               |          |          |     |
|-----------------------------|--|---------------|----------|----------|-----|
| Status                      | DCO Application  | Original Size | A1       | Revision | P01 |
| Application Document Number | TR010032/APP/2.9   | Scale         | AS SHOWN |          |     |
| Drawing title               | A122 LTC PLAN AND PROFILE<br>REGULATION 5(2)(o) AND 6(2)<br>SHEET 13 |               |          |          |     |
| Drawing Number              | HE540039-CJV-BOP-SZA_RX000000_-DR-CH-10013                           |               |          |          |     |





PLAN



A122 LTC PROFILE

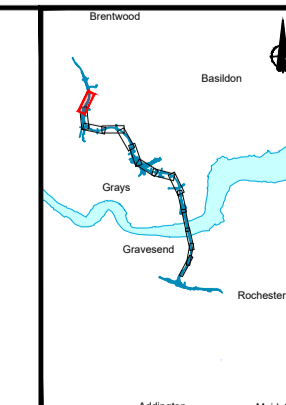
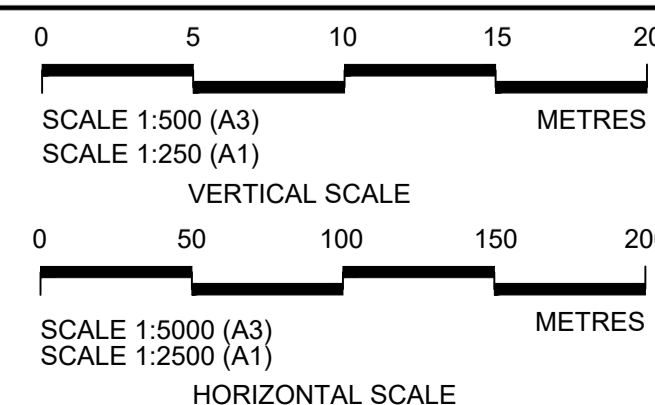
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- All levels are in metres relative to the Ordnance Datum.
- Profile uses an exaggerated scale of 1 horizontal : 10 vertical.

LEGEND:

- - - Existing ground level
- == Structure
- Proposed road level
- ▭ Structures - Bridge
- ▭ Structures - Underpass
- NB - Northbound
- WB - Westbound
- EB - Eastbound
- SB - Southbound
- MHWS - Mean High Water Springs
- MLWS - Mean Low Water Springs
- FRL - Finished Road Level
- ▨ Maintenance access
- Order Limits



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Application

Application Document Number: TR010032/APP/2.9

Drawing title: **A122 LTC PLAN AND PROFILE REGULATION 5(2)(o) AND 6(2) SHEET 14**

Drawing Number: HE540039-CJV-BOP-SZA\_RX000000\_-DR-CH-10014

Original Size: A1, Revision: P01

Scale: AS SHOWN

| Rev | Status | Rev. Date  | Purpose of revision | Drawn | Chk'd | Apprv'd |
|-----|--------|------------|---------------------|-------|-------|---------|
| P01 | S8     | 19/10/2022 | DCO Application     | LY    | BB    | ASB     |



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