

Lower Thames Crossing

2.18 Hedgerow and Tree Preservation Order Plans

Volume B (sheets 1 to 20)

APFP Regulation 5(2)(o)

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

Volume 2

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/2.18

VERSION: 1.0

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Lower Thames Crossing

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1 Introduction

- 1.1.1 This document is submitted to the Planning Inspectorate on behalf of the Secretary of State in relation to an application made by National Highways (the Applicant) under section 37 of the Planning Act 2008.
- 1.1.2 The application is for the grant of development consent for the A122 Lower Thames Crossing. Should development consent be granted, the draft A122 (Lower Thames Crossing) Development Consent Order (Application Document 3.1) (the draft Order) will be made by the Secretary of State for Transport (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 5(4) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, which require:
- 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.*
- 5(4) Where a plan comprises three or more separate sheets a key plan must be provided showing the relationship between the different sheets.’*
- 1.1.4 As this document is part of the application documentation it should be read alongside, and is informed by, the other Application documents. In particular, the plans should be read alongside Schedule 7 of the draft Order (Application Document 3.1).
- 1.1.5 The purpose of the Hedgerow and Tree Preservation Order is to show the hedgerows and trees or group of trees subject to a Tree Preservation Order that are located along the project. It distinguishes between important hedgerows (as defined in paragraph (4) of the Hedgerows Regulations 1997) and other hedgerows.
- 1.1.6 The Hedgerow and Tree Preservation Order show the Order Limits and the relevant local authority boundaries for clarity. 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 The Project design is shown in the background on the Hedgerow and Tree Preservation Order for illustrative purposes and specifically to provide context and aid understanding of the works. The design shown corresponds to the highways design and the environment works.
- 1.1.8 To ensure sufficient detail and clarity of information, the Hedgerow and Tree Preservation Order Plans (sheets 1 to 49) have been prepared at a scale of 1:2500. The key plan uses a smaller scale than that prescribed in Regulation 5(3) of the 2009 Regulations so that the Project can be represented on a single sheet plan.

- 1.1.9 The Applicant has adopted the same consistent approach for the Hedgerow and Tree Preservation Order as has been used for the following:
- a. Land Plans (Application Document 2.2)
 - b. Crown Land Plans (Application Document 2.3)
 - c. Special Category Land Plans (Application Document 2.4)
 - d. General Arrangement Plans (Application Document 2.5)
 - e. Works Plans (Application Document 2.6)
 - f. Rights of Way and Access Plans (Application Document 2.7)
 - g. Streets Subject to Temporary Restrictions of Use Plans (Application Document 2.8)
 - h. Traffic Regulation Measures Plans (Application Document 2.10)
 - i. Drainage Plans (Application Document 2.16)
 - j. Temporary Works Plans (Application Document 2.17)
- 1.1.10 The information contained on each sheet of the Hedgerow and Tree Preservation Order Plans corresponds with the information shown on each sheet of the aforementioned sets. This is intended to help interested parties understand the inter-relationship between the different sets of plans and to help illustrate the design of the Project more clearly.
- 1.1.11 This approach means that there are some sheets that cover an area of the Project where there is no traffic regulations design to show. On these sheets, the Applicant has introduced a label stating: 'No design information on this sheet'.
- 1.1.12 This plan set uses a consistent key applicable to the plan set as a whole, rather than being tailored to each individual sheet. This means that there may be some items shown in the key that are not on a given sheet.
- 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 three volumes: volume A contains the key plan, volume B the initial sheets 1 to 20 and volume C contains the following sheets, 21 to 49.

2 Schedule of Plans included in this application document

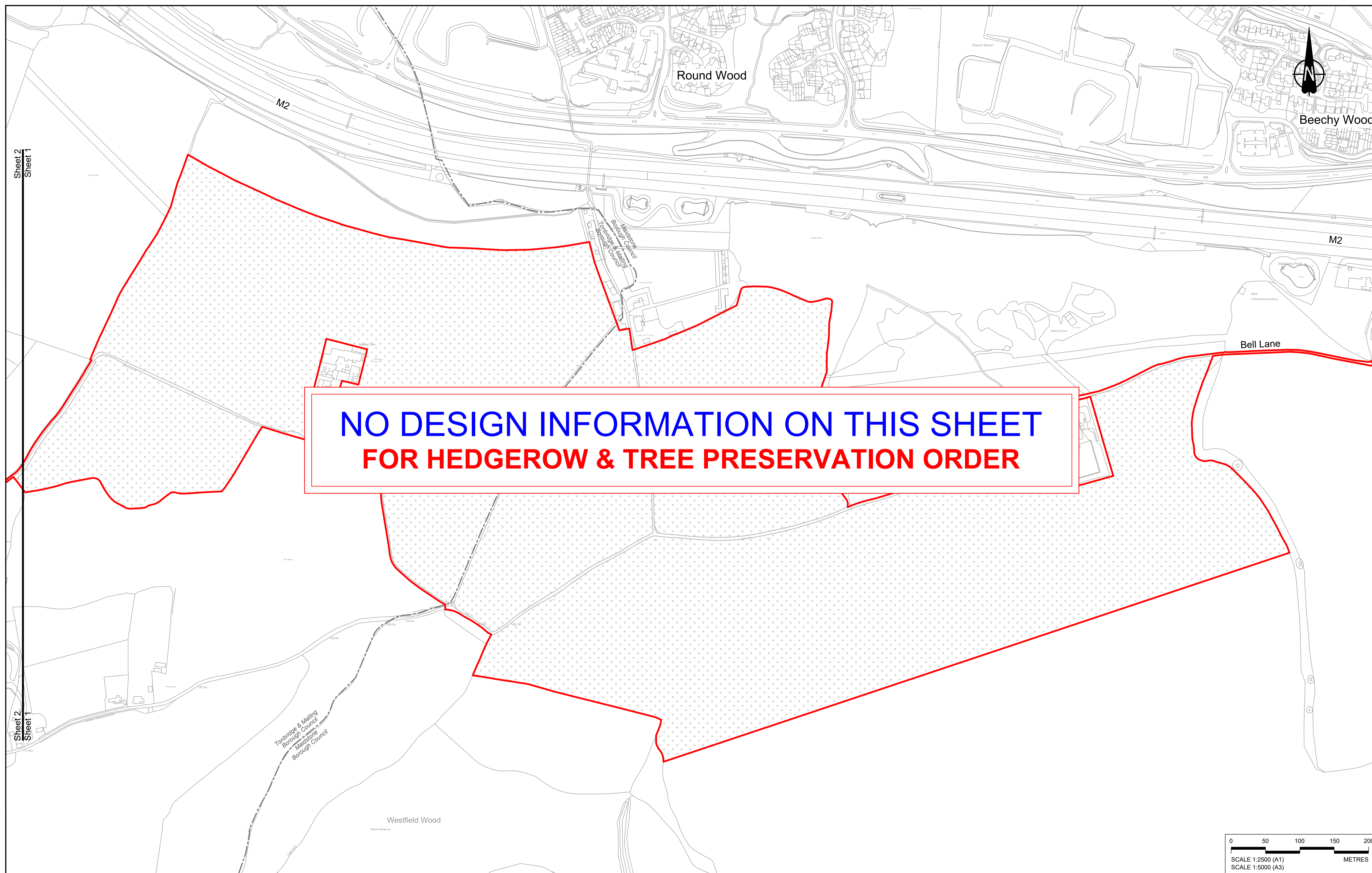
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) KEY PLAN	TR010032/APP/2.18	P01
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 2	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 3	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 4	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 5	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 6	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 7	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 8	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 9	TR010032/APP/2.18	P01

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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 11	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 12 HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 13	TR010032/APP/2.18	P01
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 15	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 16	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 17	TR010032/APP/2.18	P01
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Document Title	Document Number	Revision
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 22	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 23	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 24	TR010032/APP/2.18	P01
HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 25	TR010032/APP/2.18	P01
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Document Title	Document Number	Revision
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 33	TR010032/APP/2.18	P01
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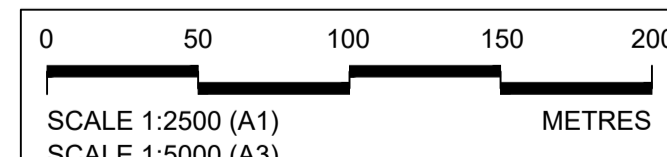
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HEDGEROW AND TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 49	TR010032/APP/2.18	P01



**NO DESIGN INFORMATION ON THIS SHEET
FOR HEDGEROW & TREE PRESERVATION ORDER**

Sheet 2
Sheet 1

Sheet 2
Sheet 1



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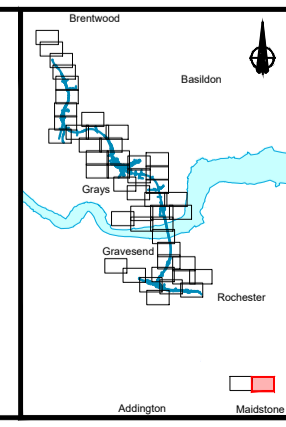
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P01	S8	19/10/2022	DCO Application	MS	RO	ASB

NOTES:

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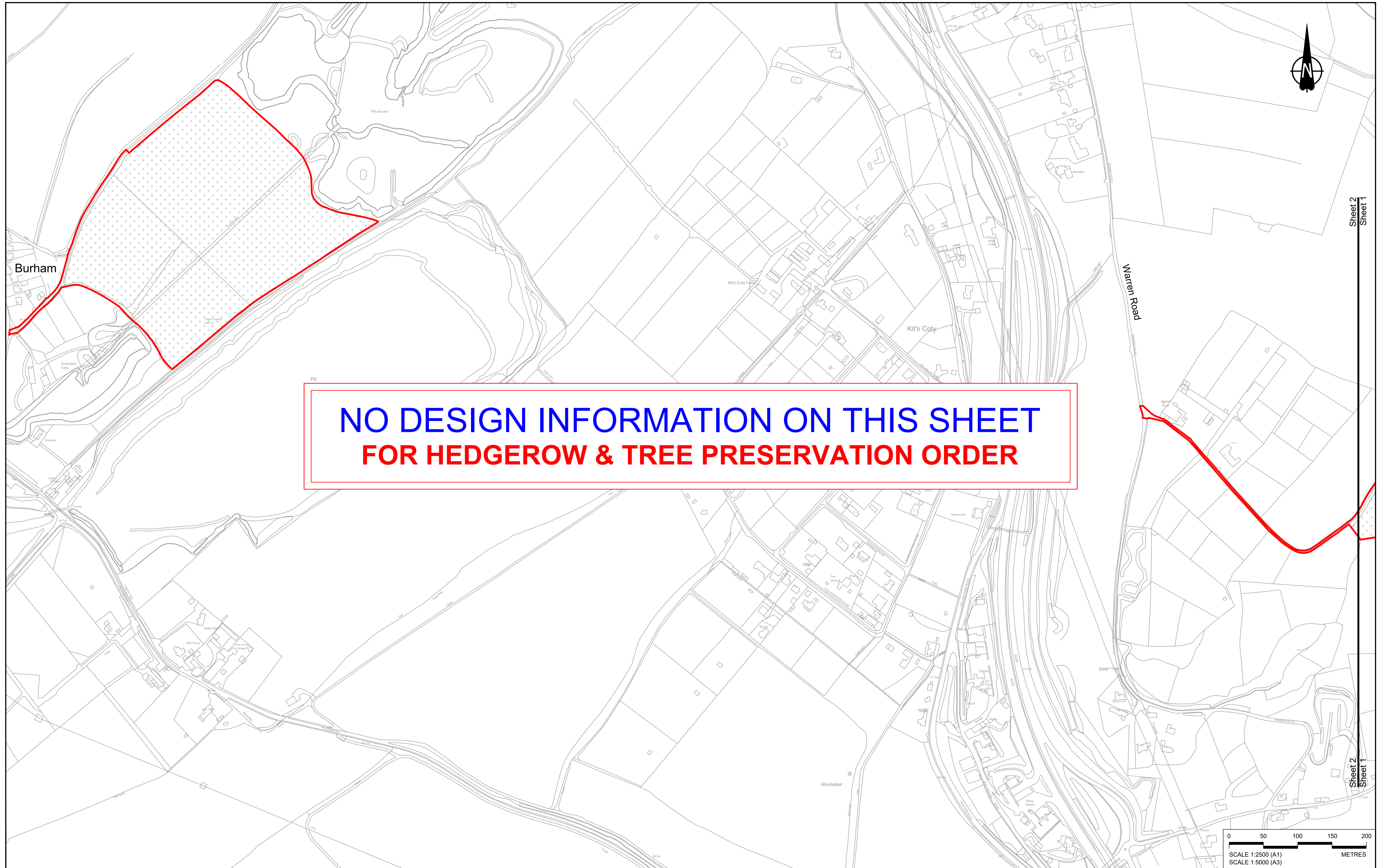
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- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



Client
national highways

Project
LOWER THAMES CROSSING

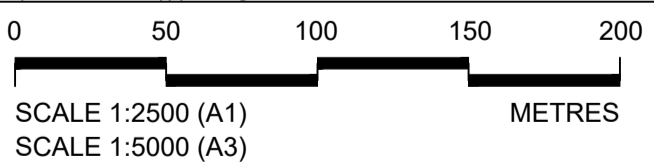
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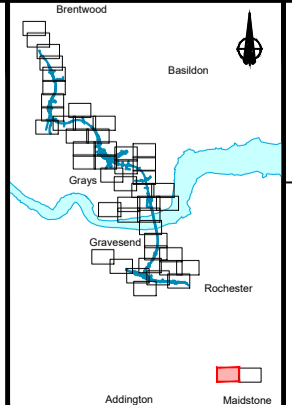
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P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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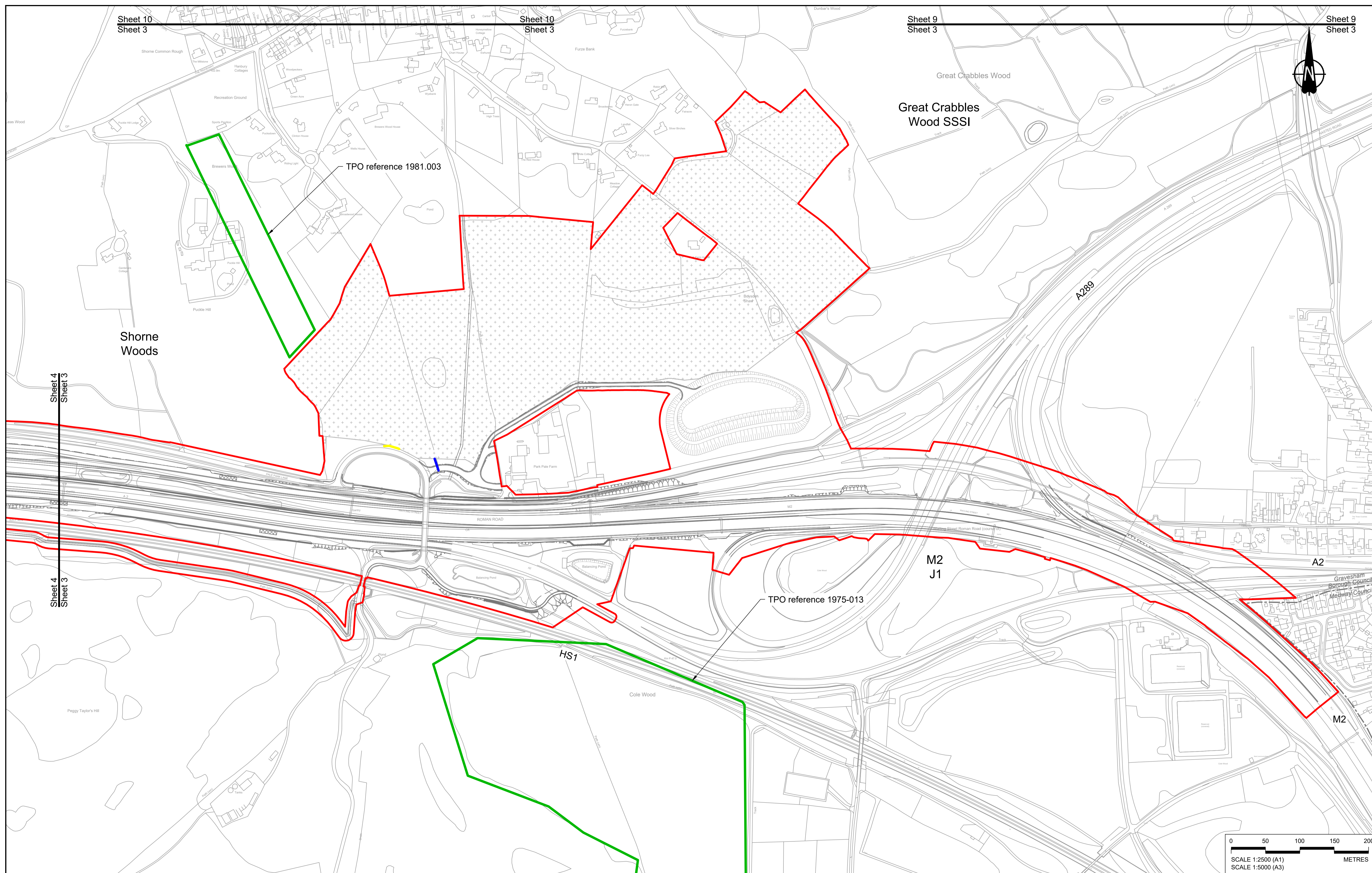
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 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

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Sheet 9
Sheet 3

Shorne Woods

Great Crabbles Wood SSSI

A289

M2
J1

A2

Gravesham Borough Council
Medway Council

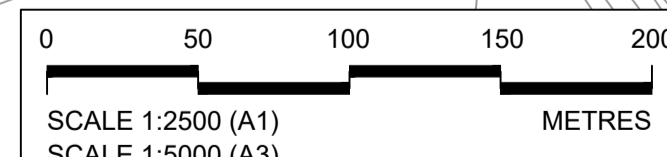
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TPO reference 1981.003

TPO reference 1975-013

HS1

Cole Wood



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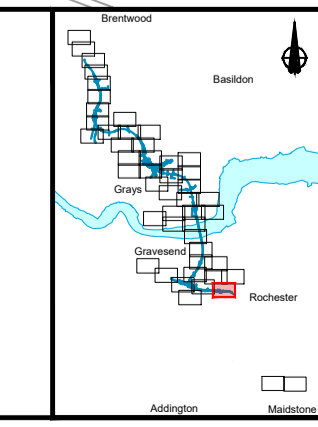
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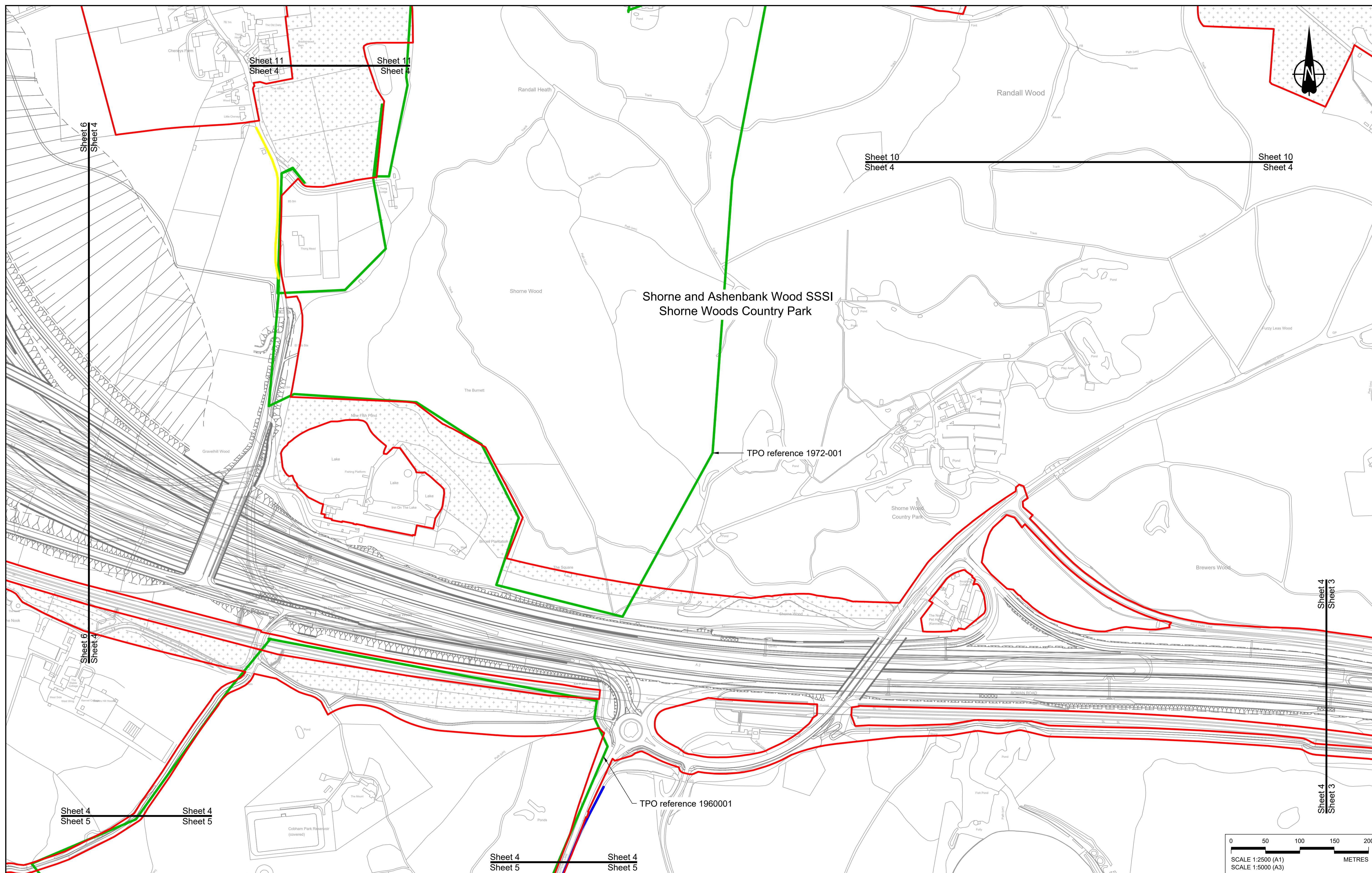
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- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

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- LEGEND:**
- Order Limits
 - - - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree

Client

national highways

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
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Sheet 5



Sheet 6
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Sheet 5

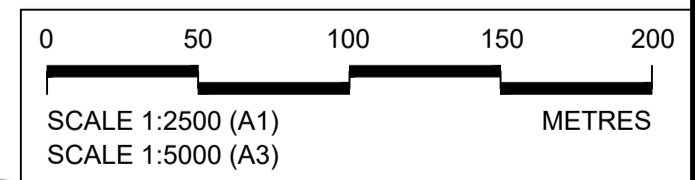
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Sheet 5

TPO reference 1960001

Halfpence Lane

Cobham

Cobham



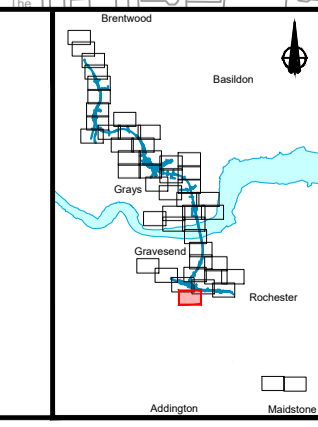
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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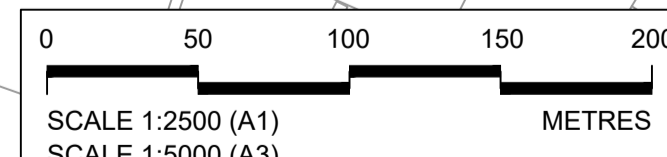
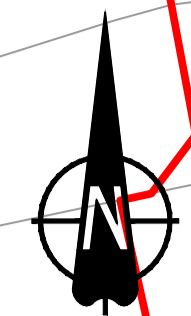
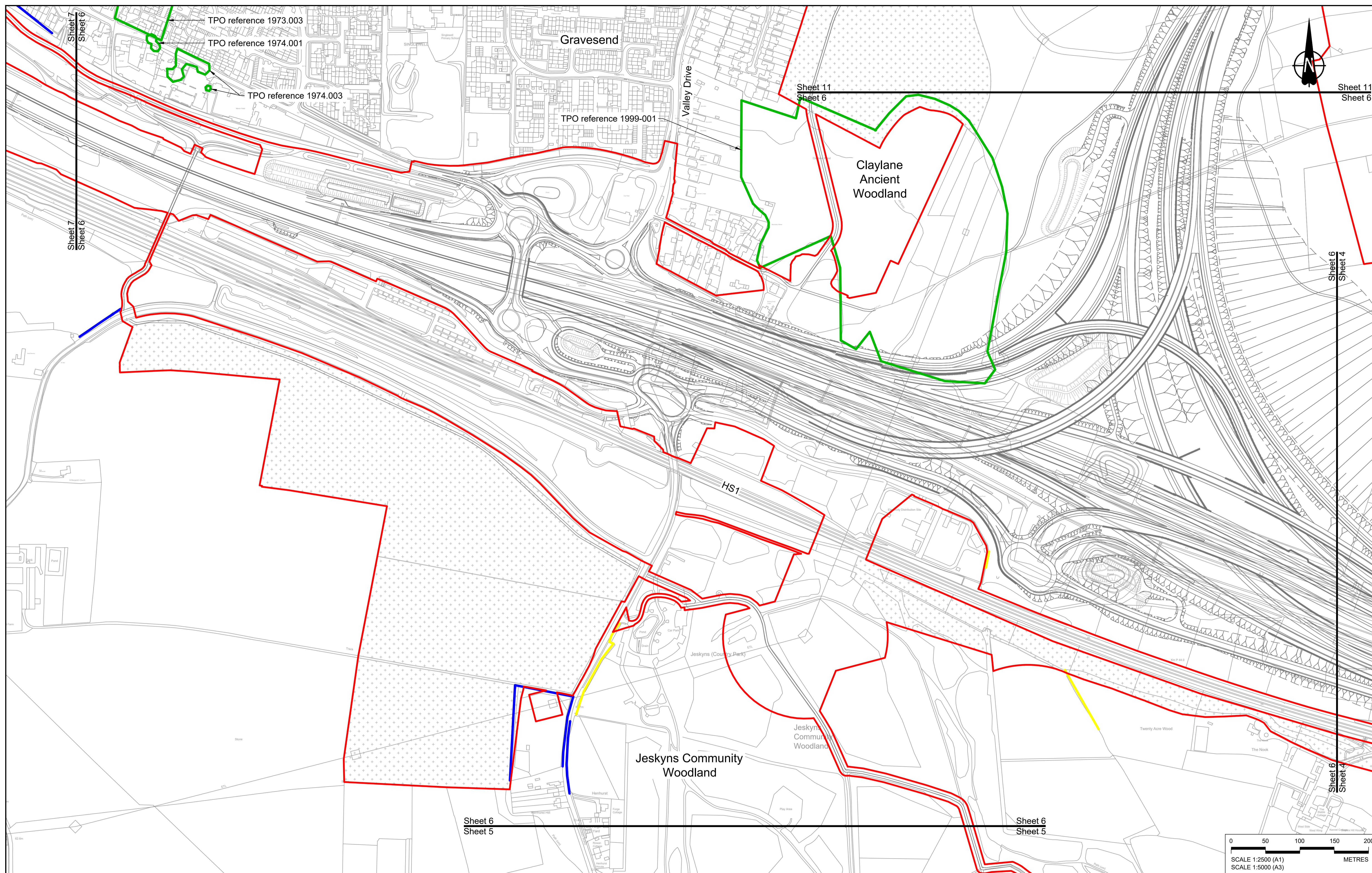
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- Order Limits
 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Application	Original Size: A1	Revision: P01
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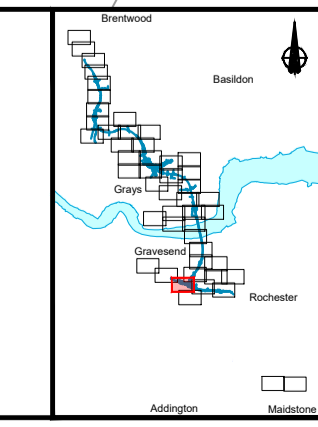
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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- LEGEND:**
- Order Limits
 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

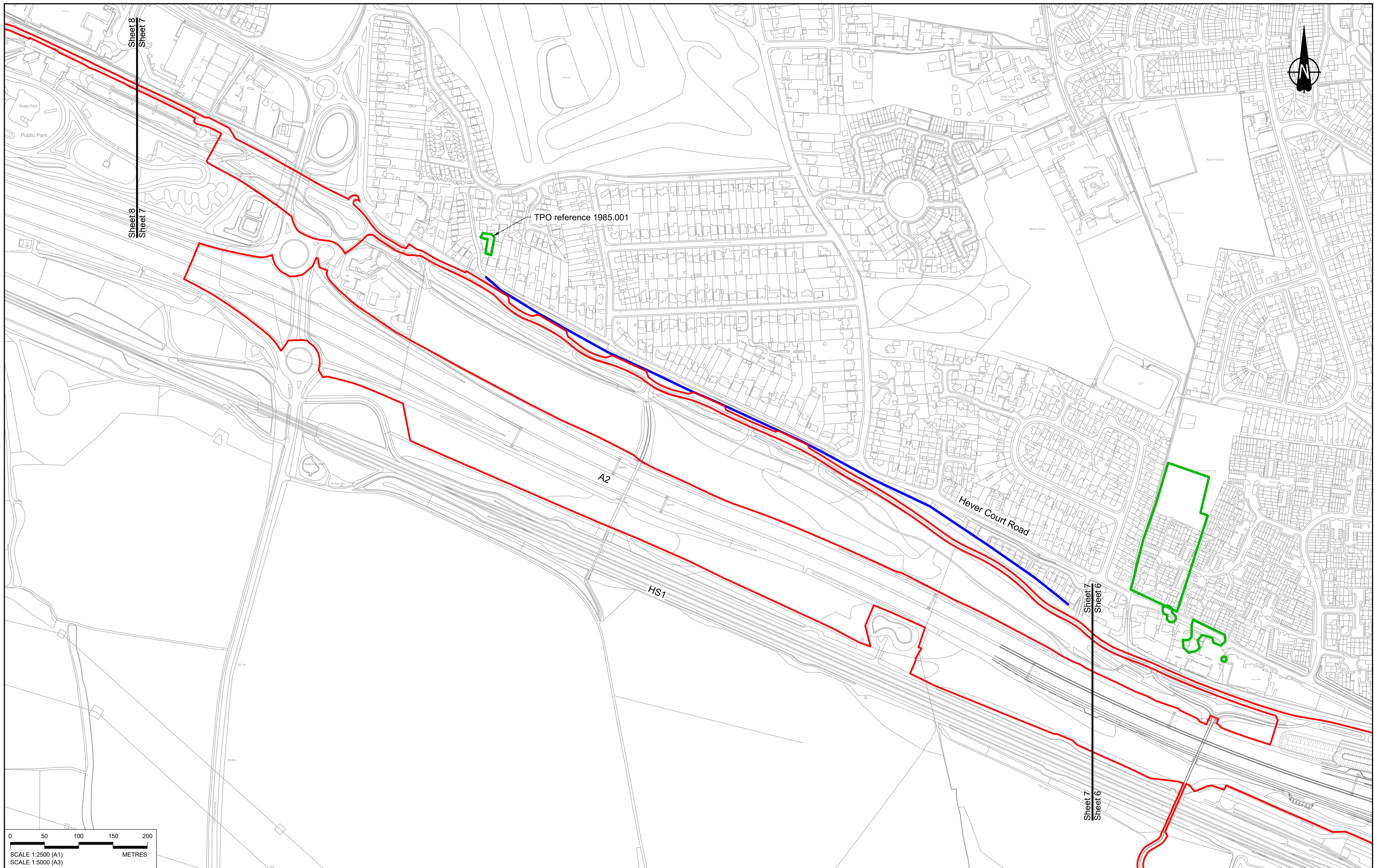
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Original Size: **A1** | Revision: **P01**
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Sheet 7

Sheet 7
Sheet 6



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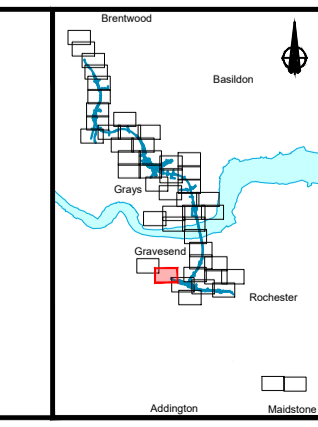
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LEGEND:

- Order Limits
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- Tree Preservation Order - Individual Tree

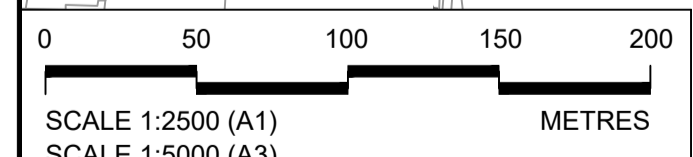
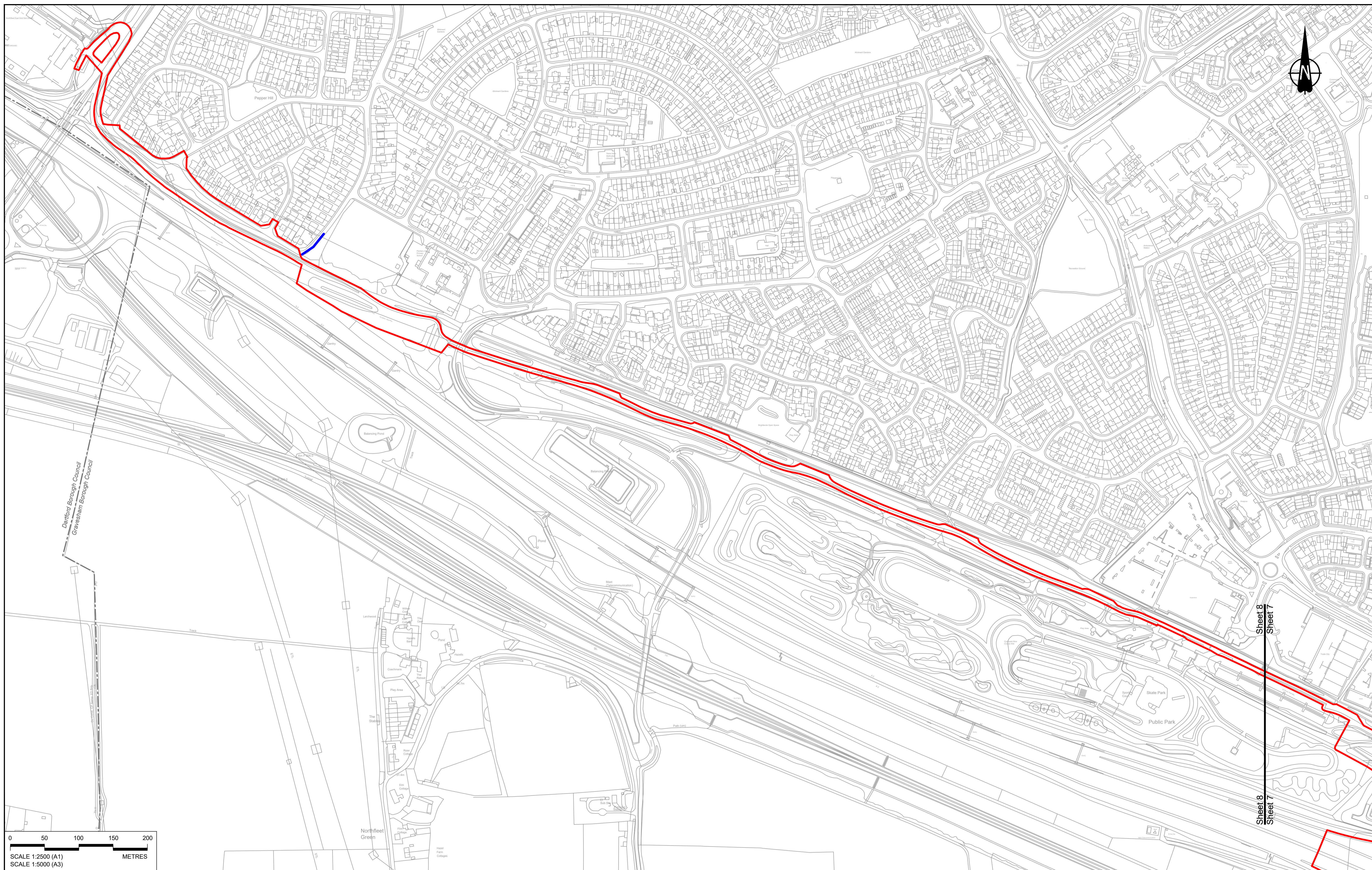


Client

Project

LOWER THAMES CROSSING

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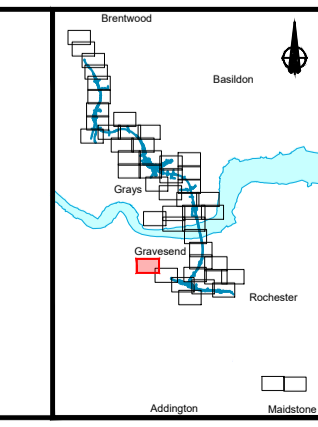
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 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree

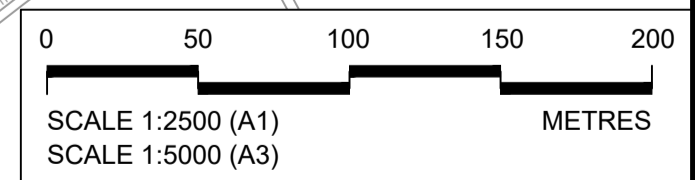
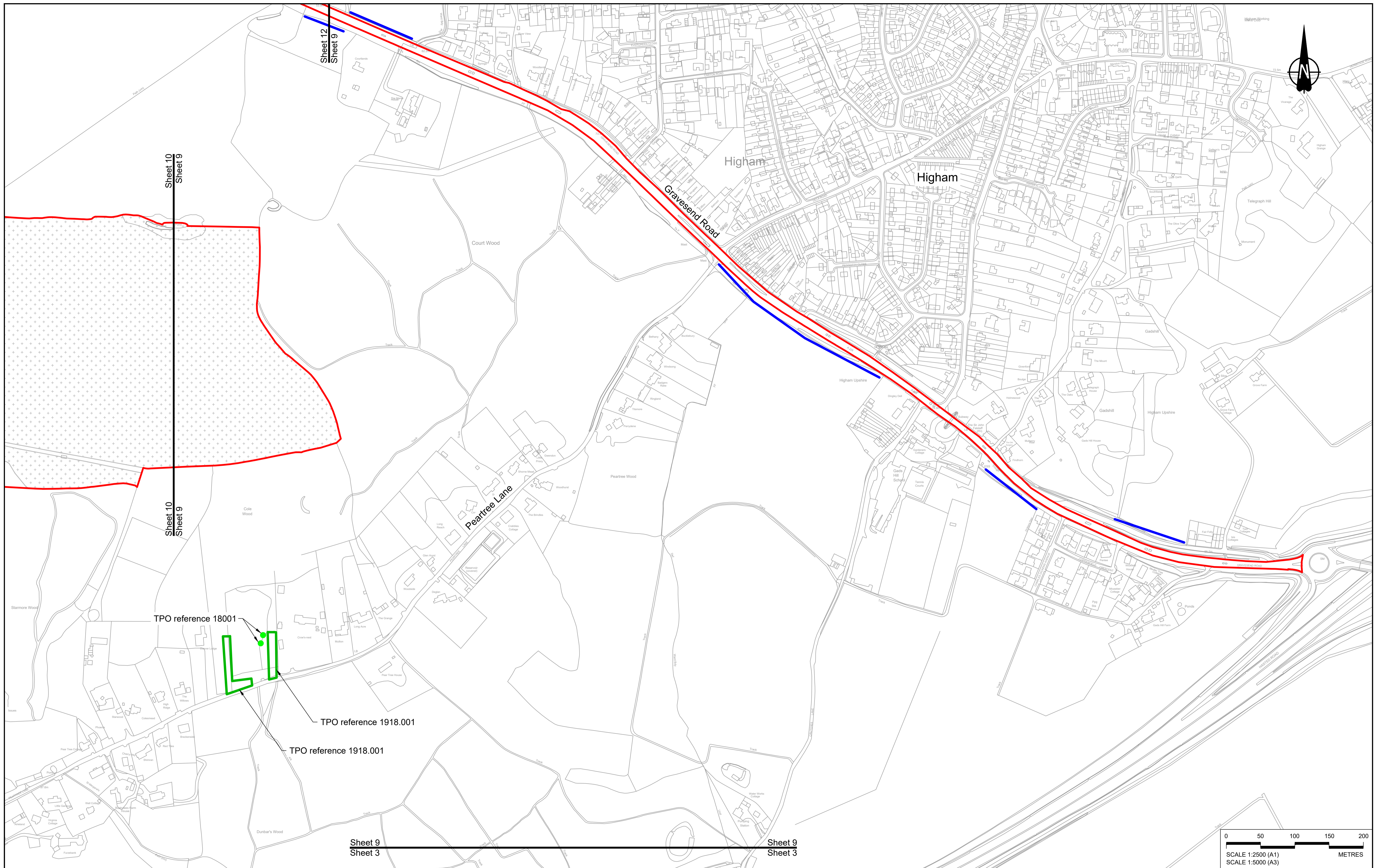


Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.18	Scale	1:2500		
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 8				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60006				



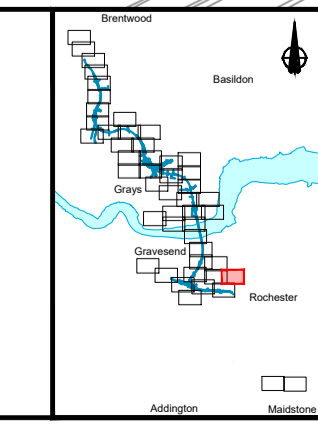
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

NOTES:

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- These plans should be read in conjunction with Schedule 7 (Trees subject to Tree Preservation Order) of the Development Consent Order (application document reference TR010032/APP/3.1).

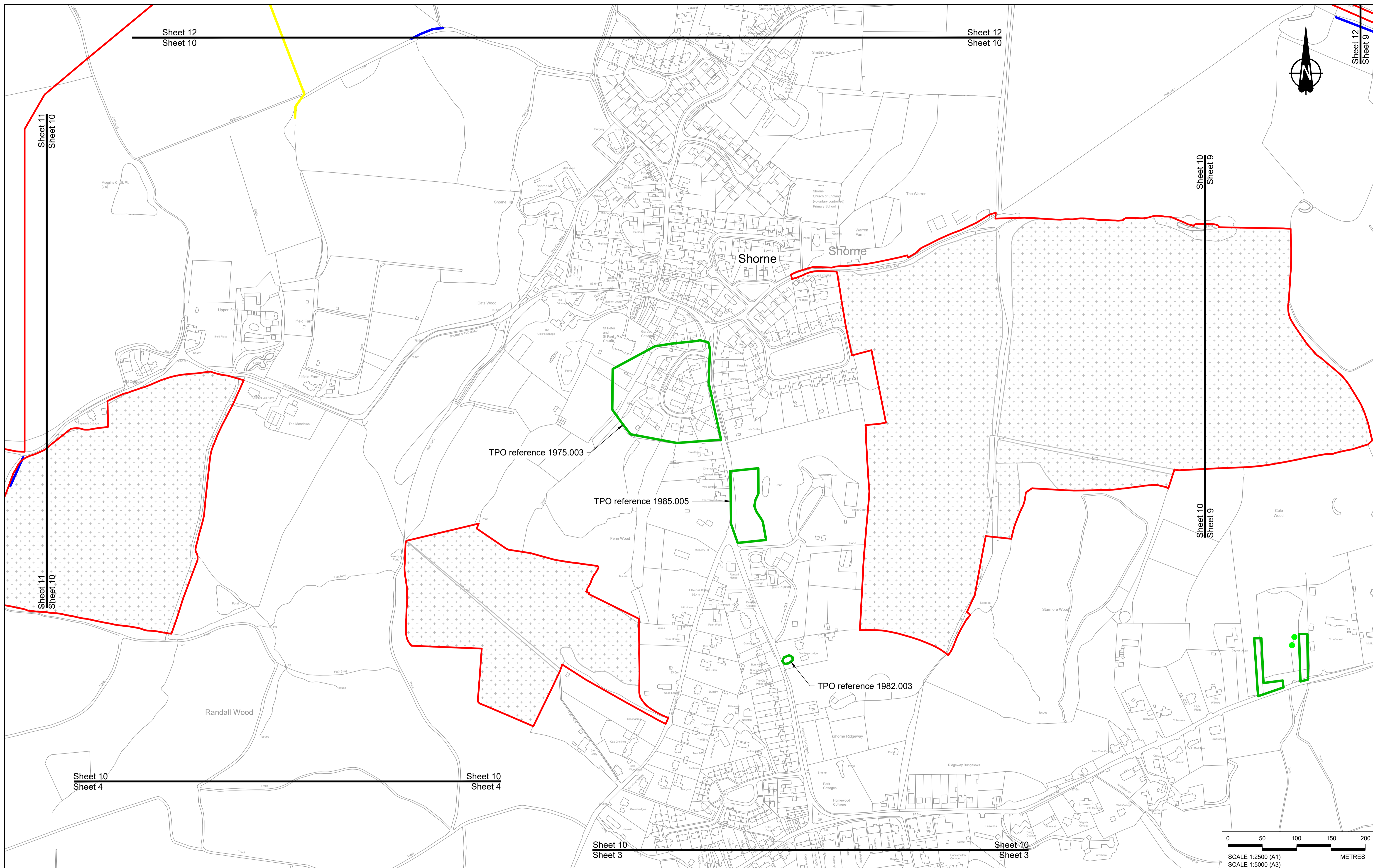
- LEGEND:**
- Order Limits
 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.18	Scale	1:2500		
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 9				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60007				



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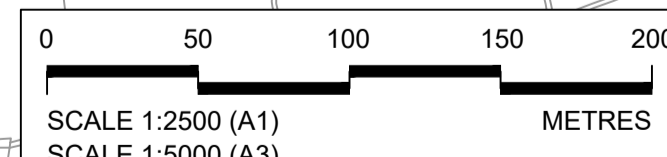
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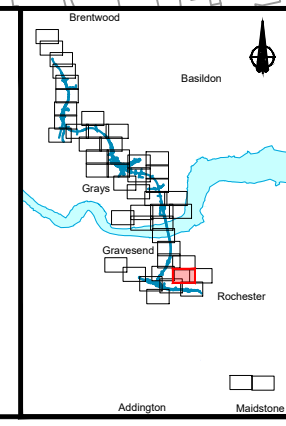
NOTES:

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



Client

national highways

Project

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.18

Drawing title

HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 10

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60008

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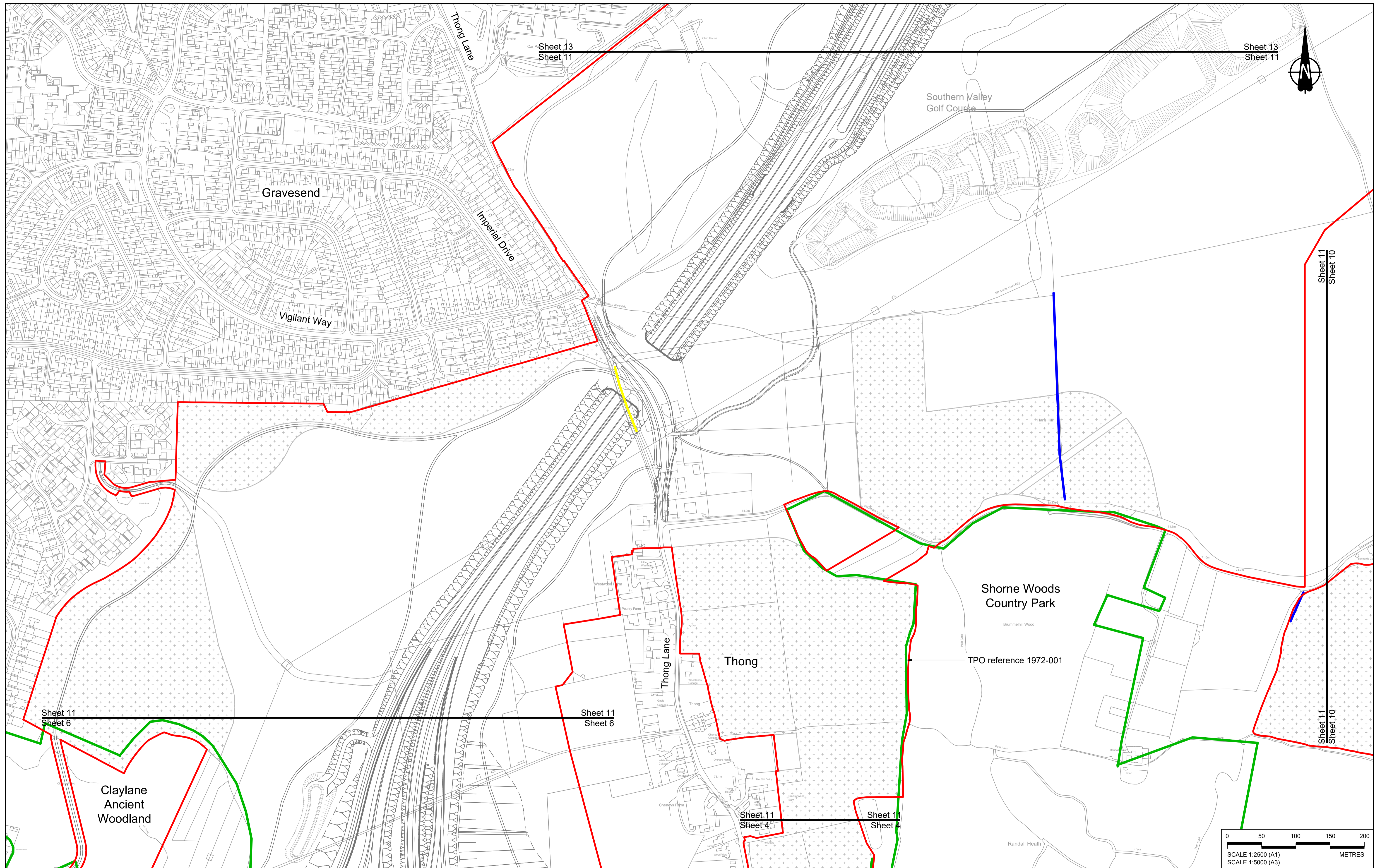
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Revision

P01

Scale

1:2500



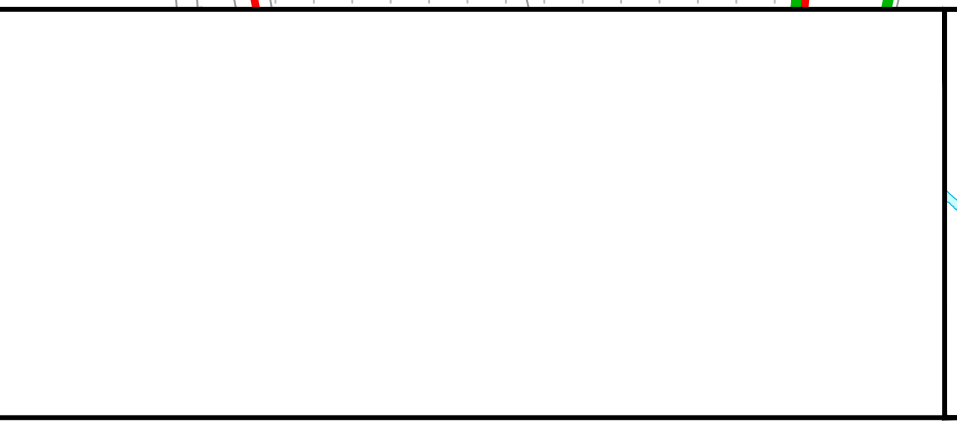
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P01	SB	19/10/2022	DCO Application	MS	RO	ASB

NOTES:

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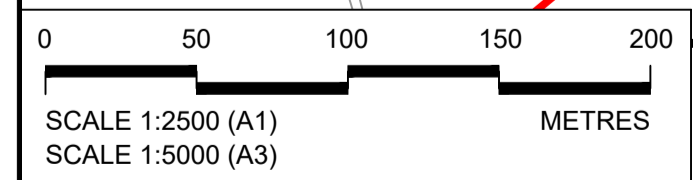
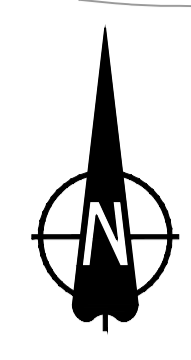
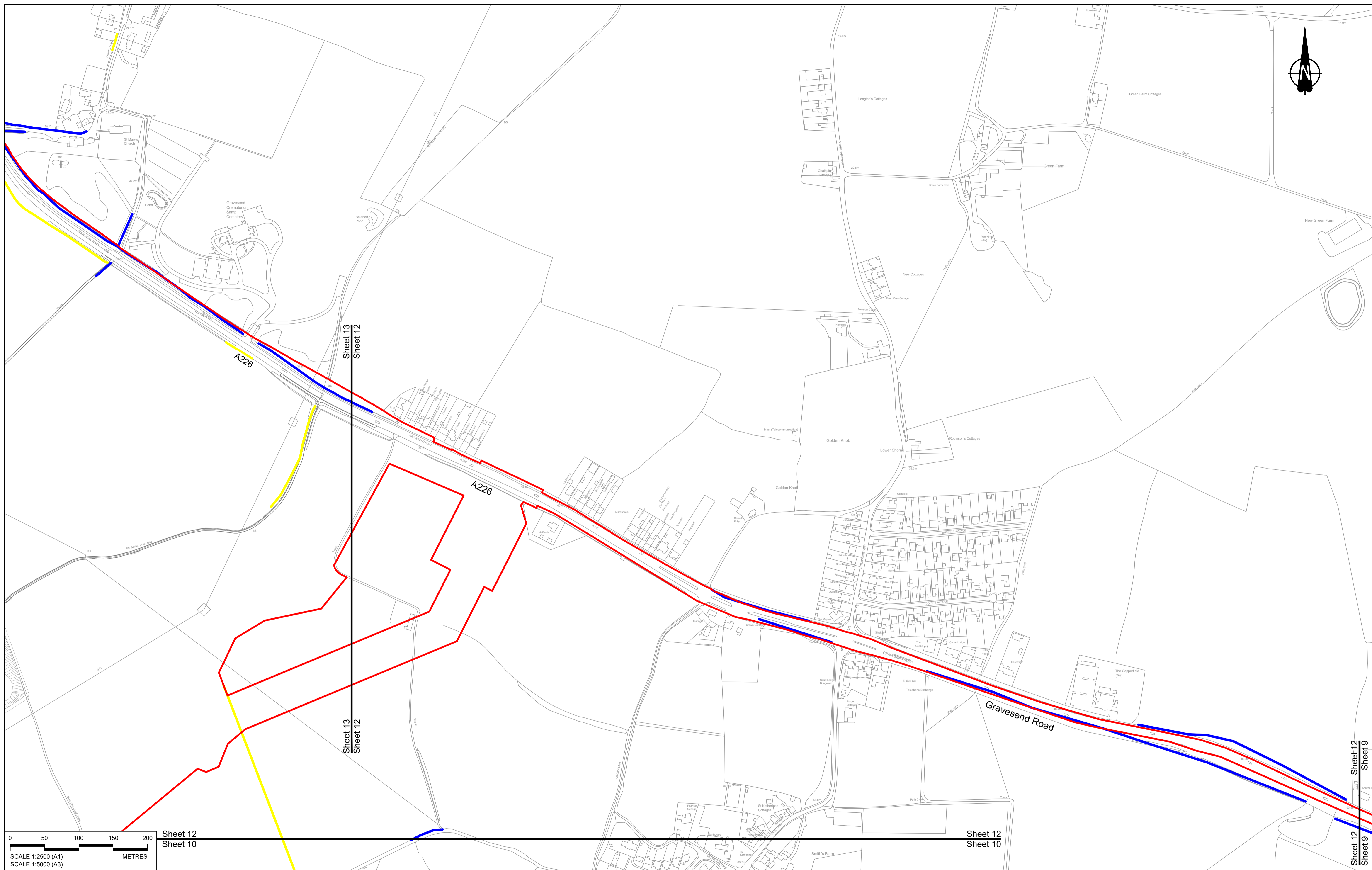
- LEGEND:**
- Order Limits
 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.18	Scale	1:2500		
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 11				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60009				



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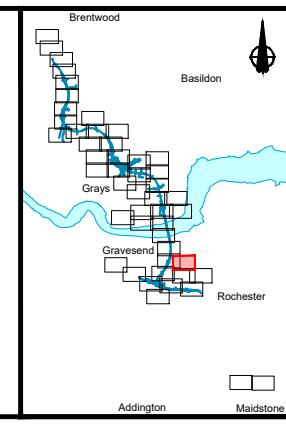
NOTES:

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



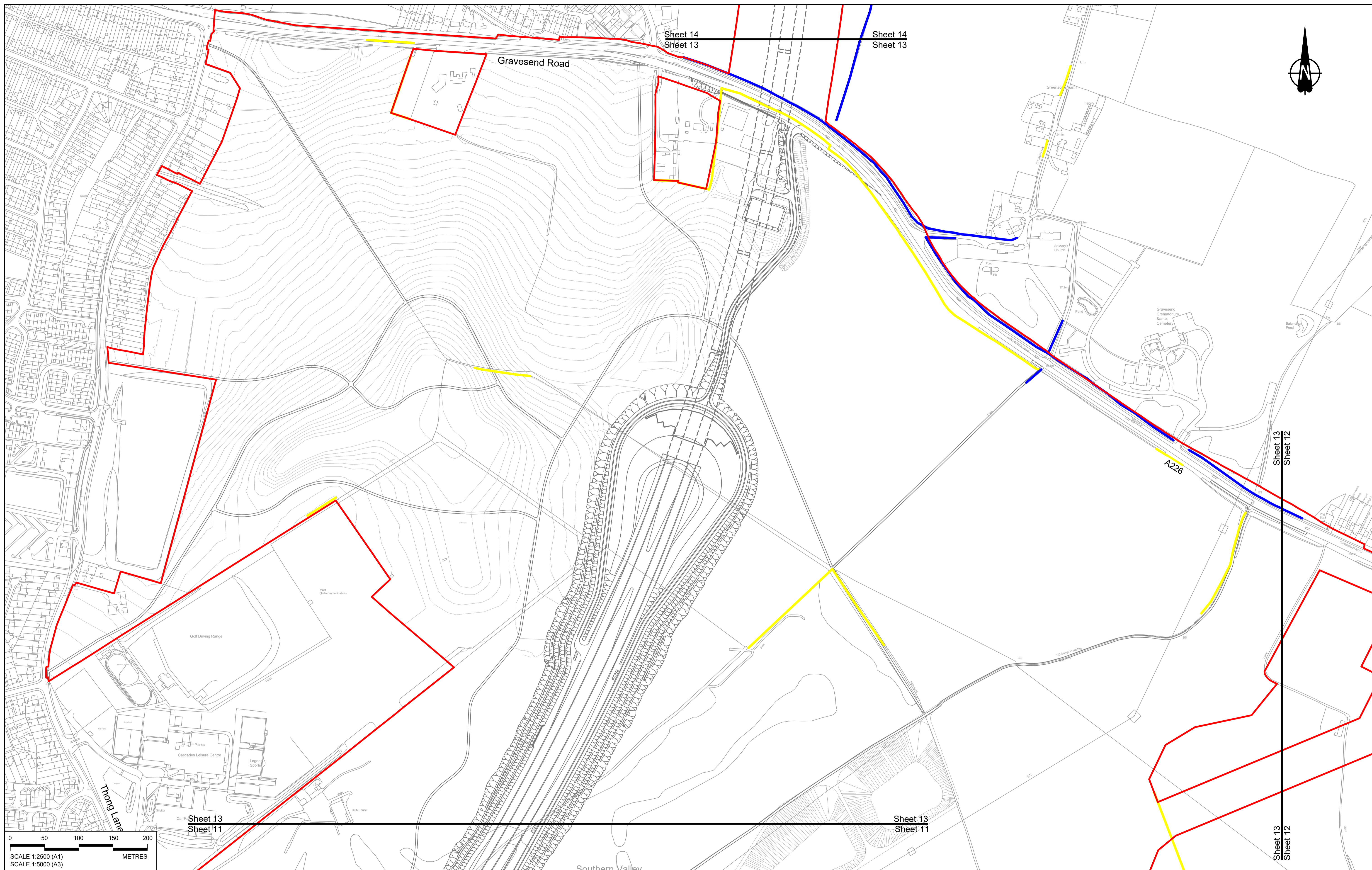
Client



Project

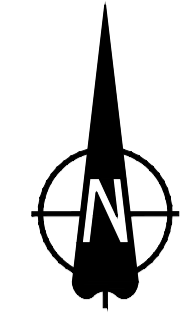
LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.18	Scale	1:2500		
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 12				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60050				



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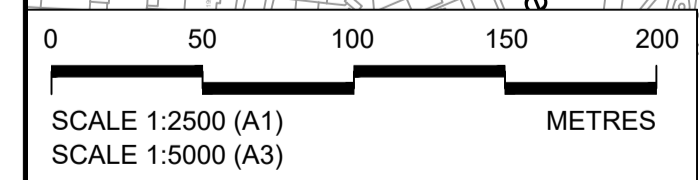
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A26

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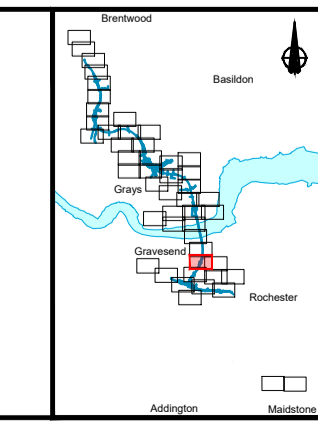
NOTES:

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



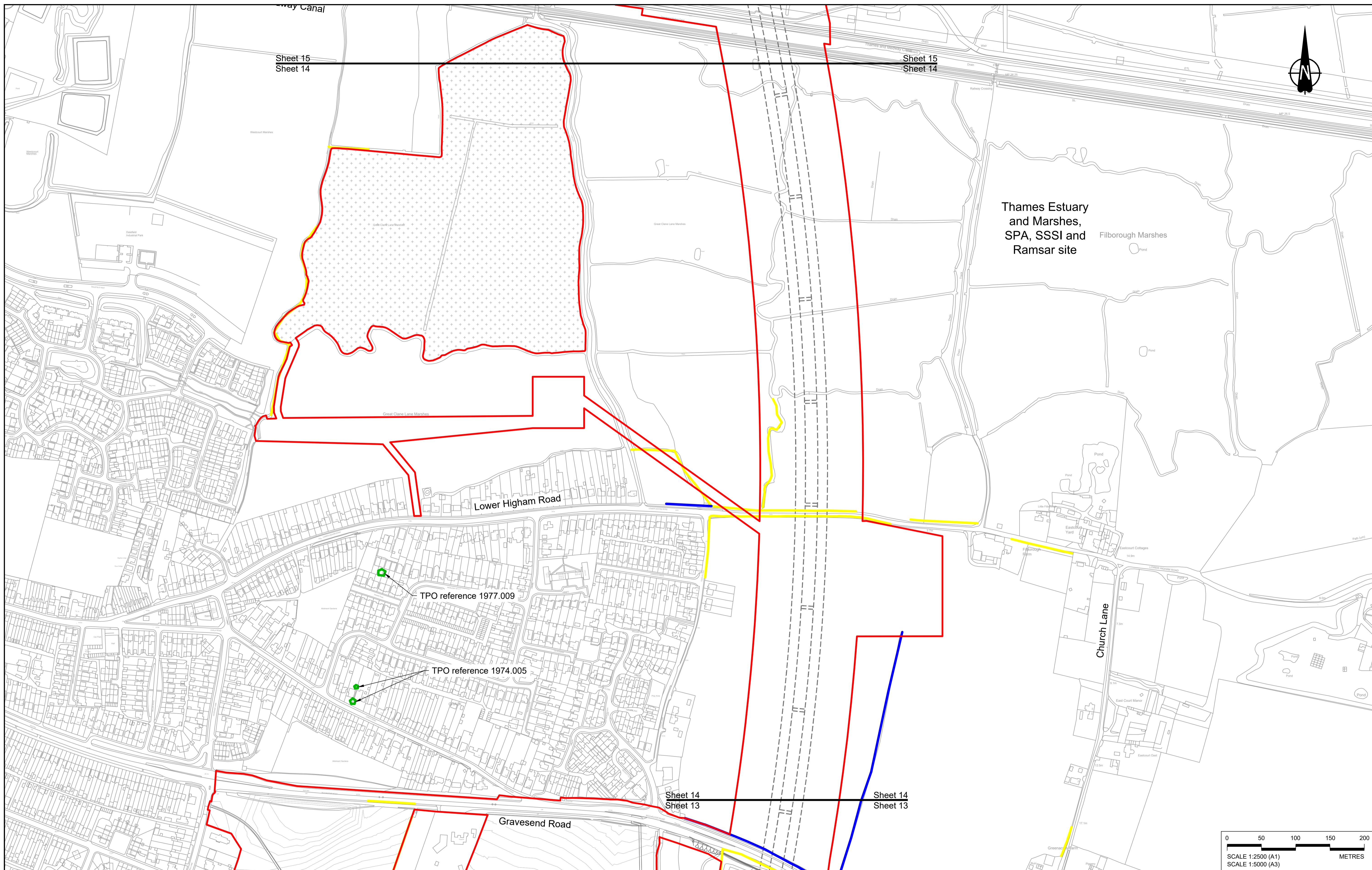
Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.18	A1	P01
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 13		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60010		

Scale 1:2500



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Thames Estuary and Marshes, SPA, SSSI and Ramsar site
Filborough Marshes

Lower Higham Road

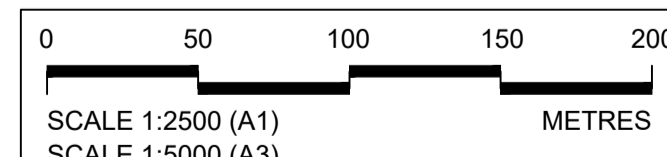
TPO reference 1977.009

TPO reference 1974.005

Gravesend Road

Sheet 14
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree

Client

Project

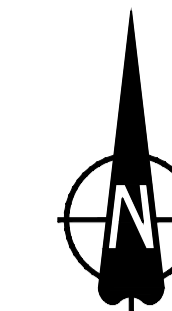
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Status	DCO Application	Original Size	A1	Revision	P01
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Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60011				

HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60011.dwg					
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Thurrock Council
Gravesham Borough Council

River Thames

**NO DESIGN INFORMATION ON THIS SHEET
FOR HEDGEROW & TREE PRESERVATION ORDER**

North Kent Railway and
Thames Medway Canal

Sheet 15
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Sheet 14

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SCALE 1:2500 (A1)
SCALE 1:5000 (A3) METRES

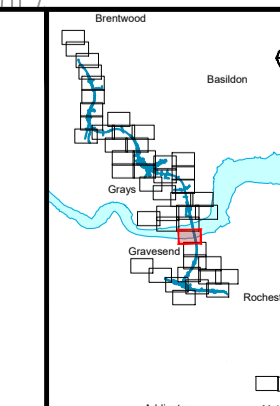
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NOTES:

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LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



Client
national highways

Project
LOWER THAMES CROSSING

Status
DCO Application

Application Document Number
TR010032/APP/2.18

Drawing title
HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 15

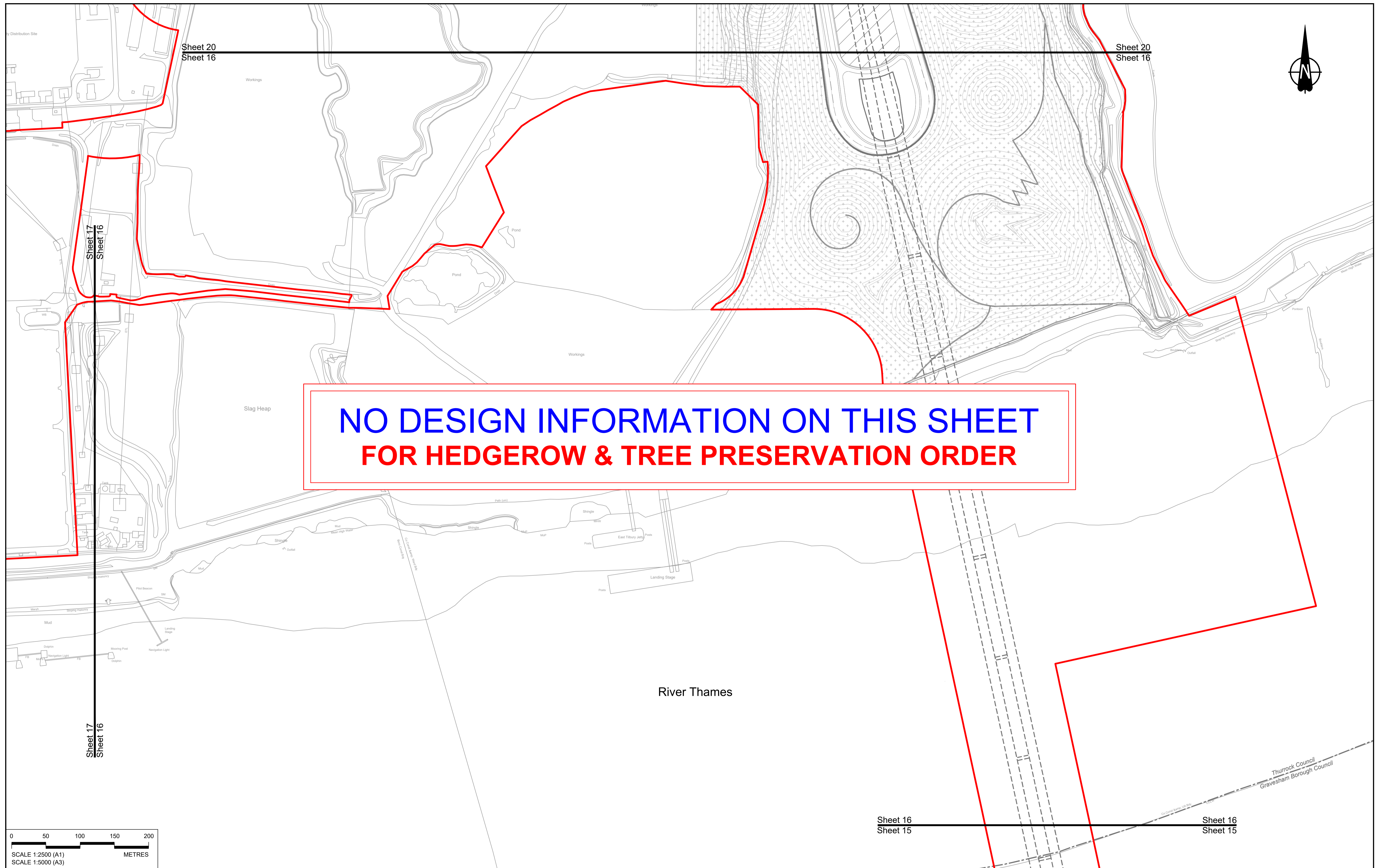
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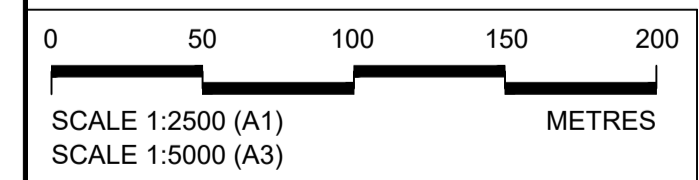
Revision
P01

Scale
1:2500

Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB



**NO DESIGN INFORMATION ON THIS SHEET
FOR HEDGEROW & TREE PRESERVATION ORDER**



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

NOTES:

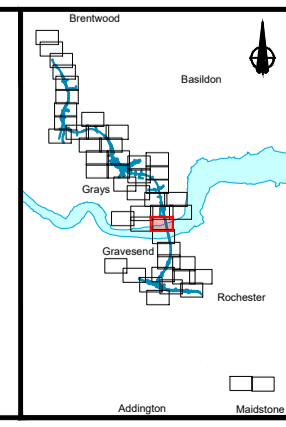
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LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree

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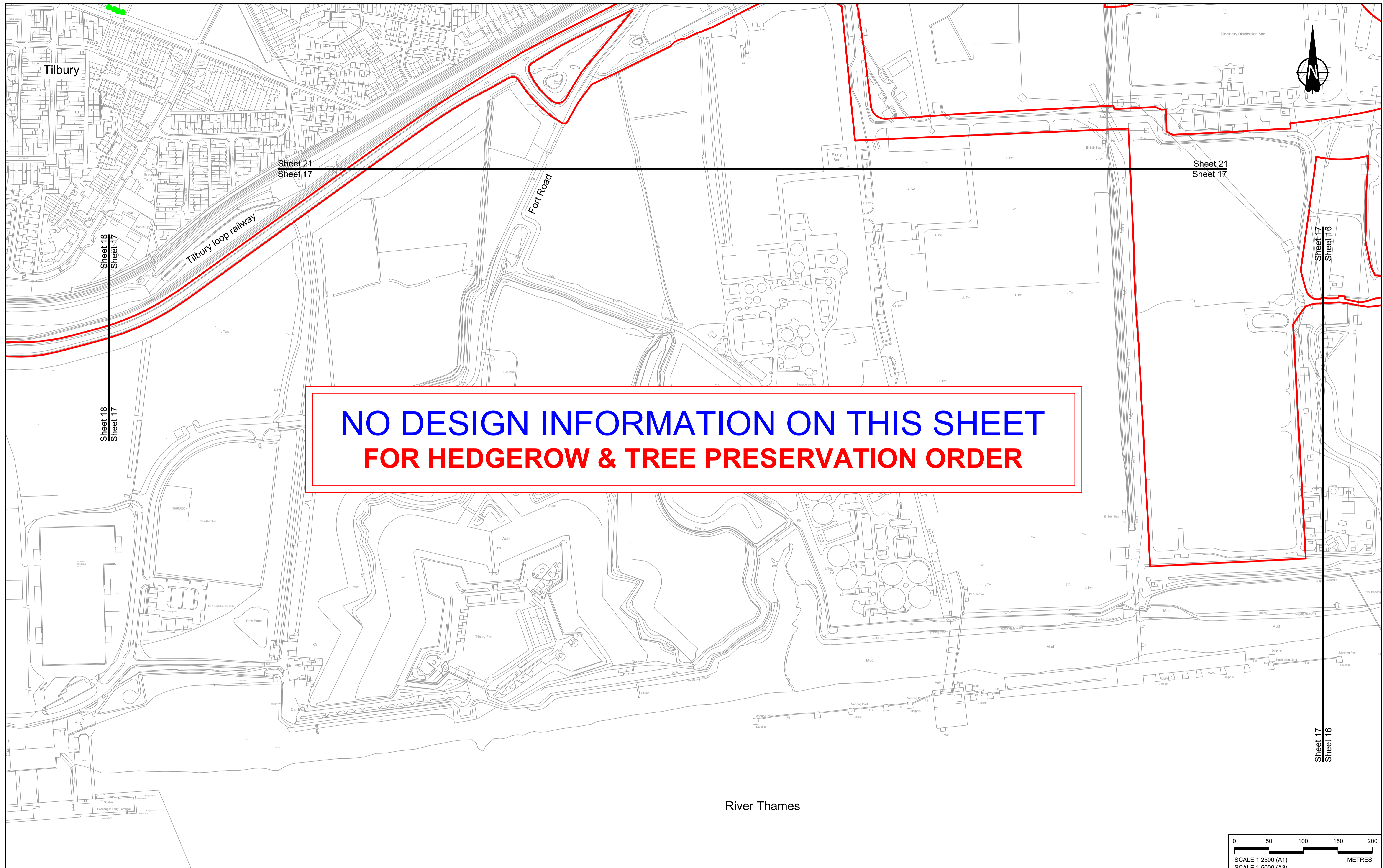


Client: **national highways**

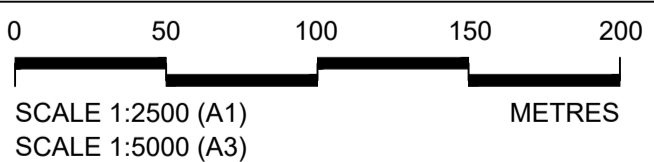
Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.18	A1	P01
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 16		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60013		

Scale 1:2500



**NO DESIGN INFORMATION ON THIS SHEET
FOR HEDGEROW & TREE PRESERVATION ORDER**



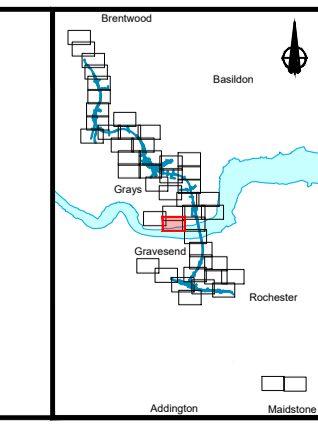
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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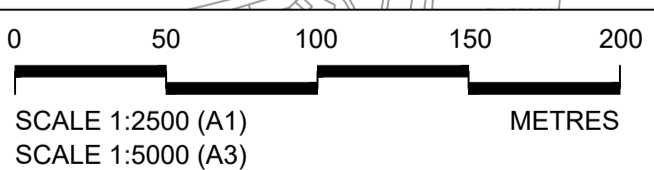
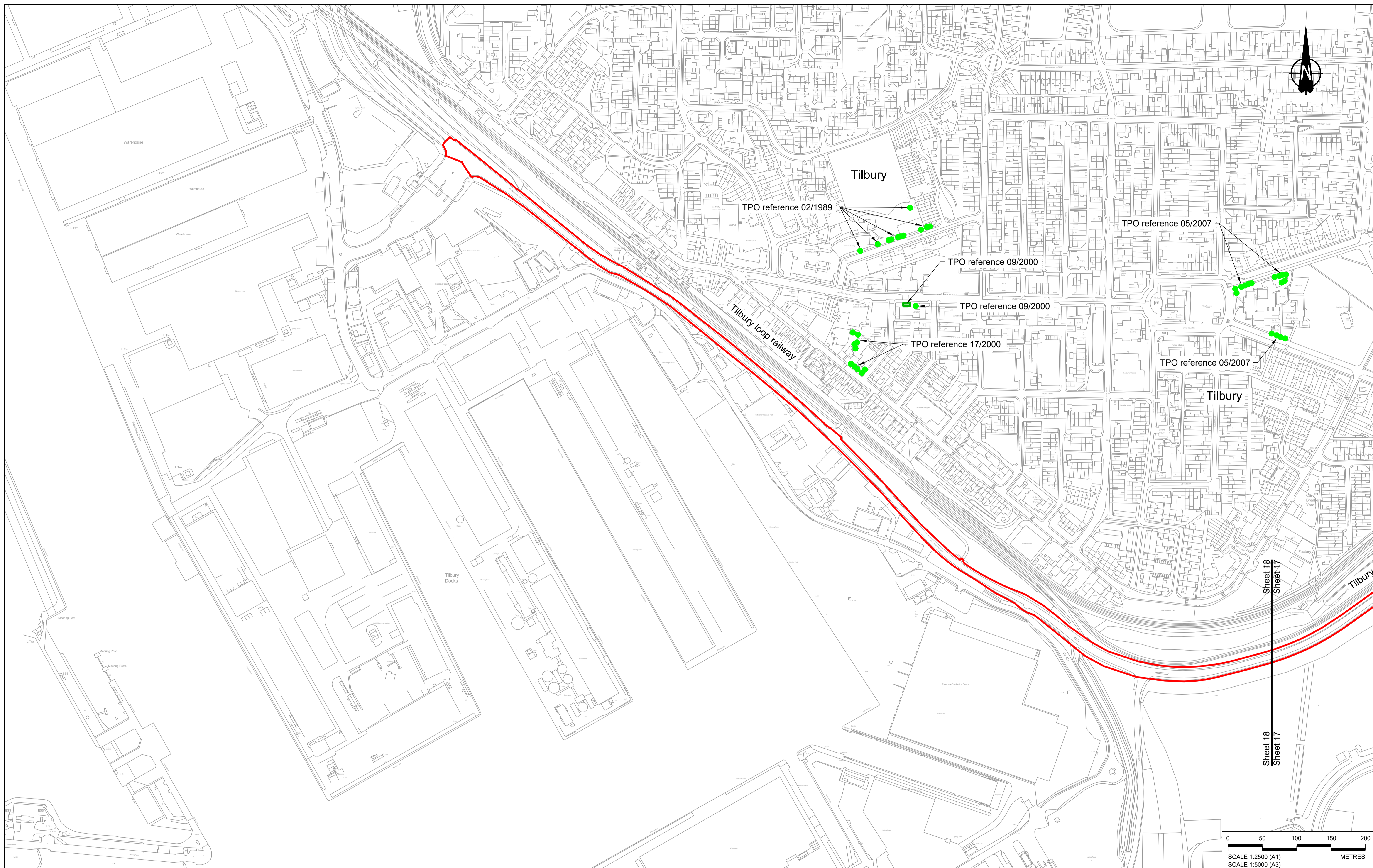
- LEGEND:**
- Order Limits
 - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Application	Original Size: A1	Revision: P01
Application Document Number: TR010032/APP/2.18	Scale: 1:2500	
Drawing title: HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 17		
Drawing Number: HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60014		



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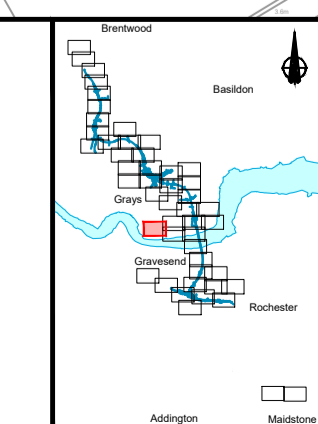
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

NOTES:

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LEGEND:

- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree

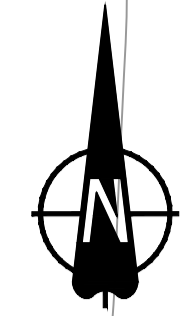
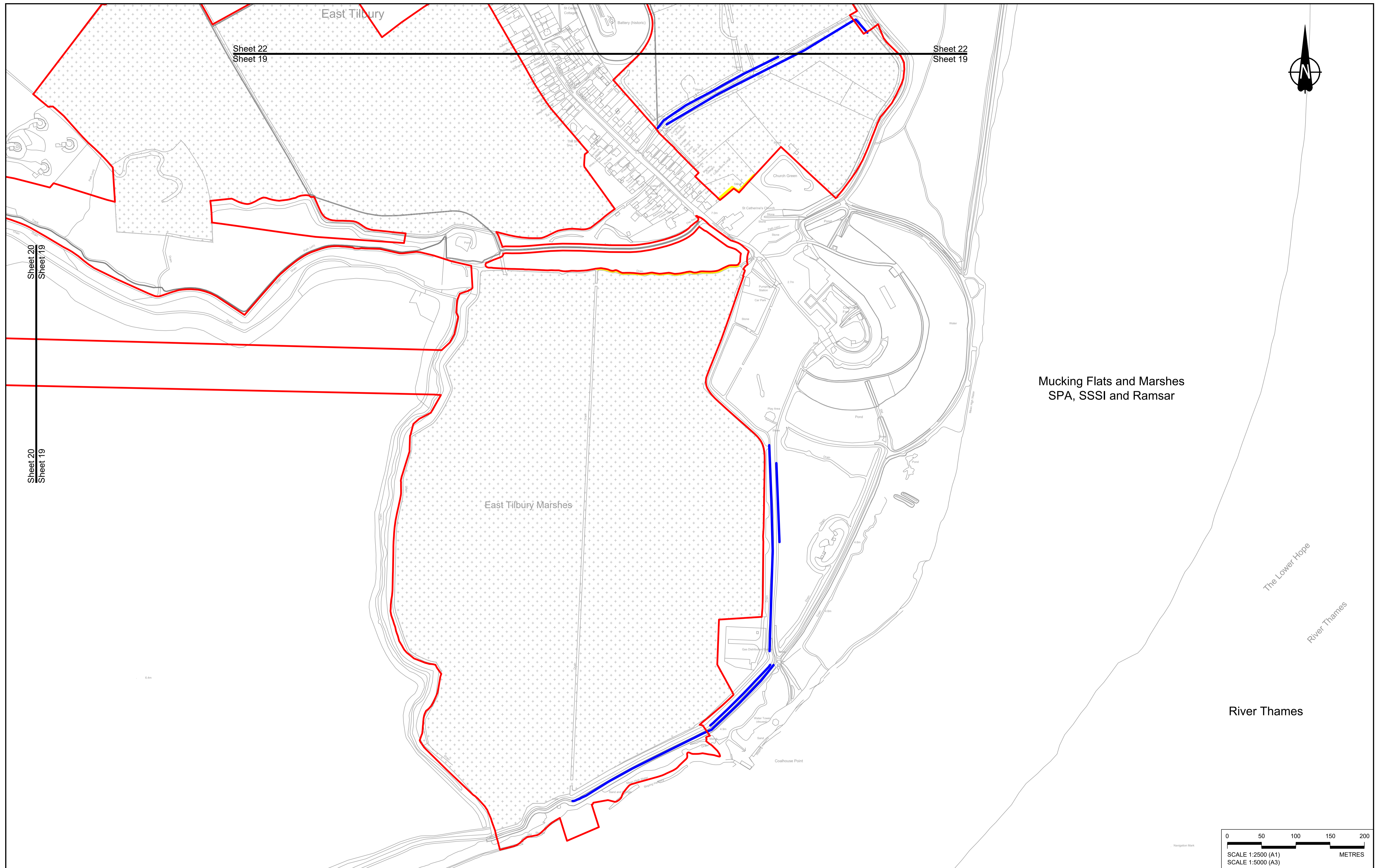


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.18	A1	P01
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 18		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60015		

Scale 1:2500

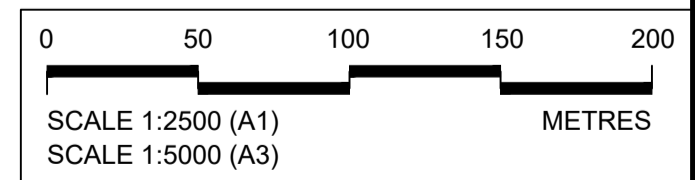


Mucking Flats and Marshes
SPA, SSSI and Ramsar

East Tilbury Marshes

River Thames

The Lower Hope
River Thames



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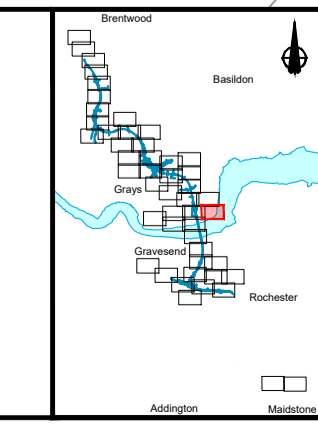
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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LEGEND:

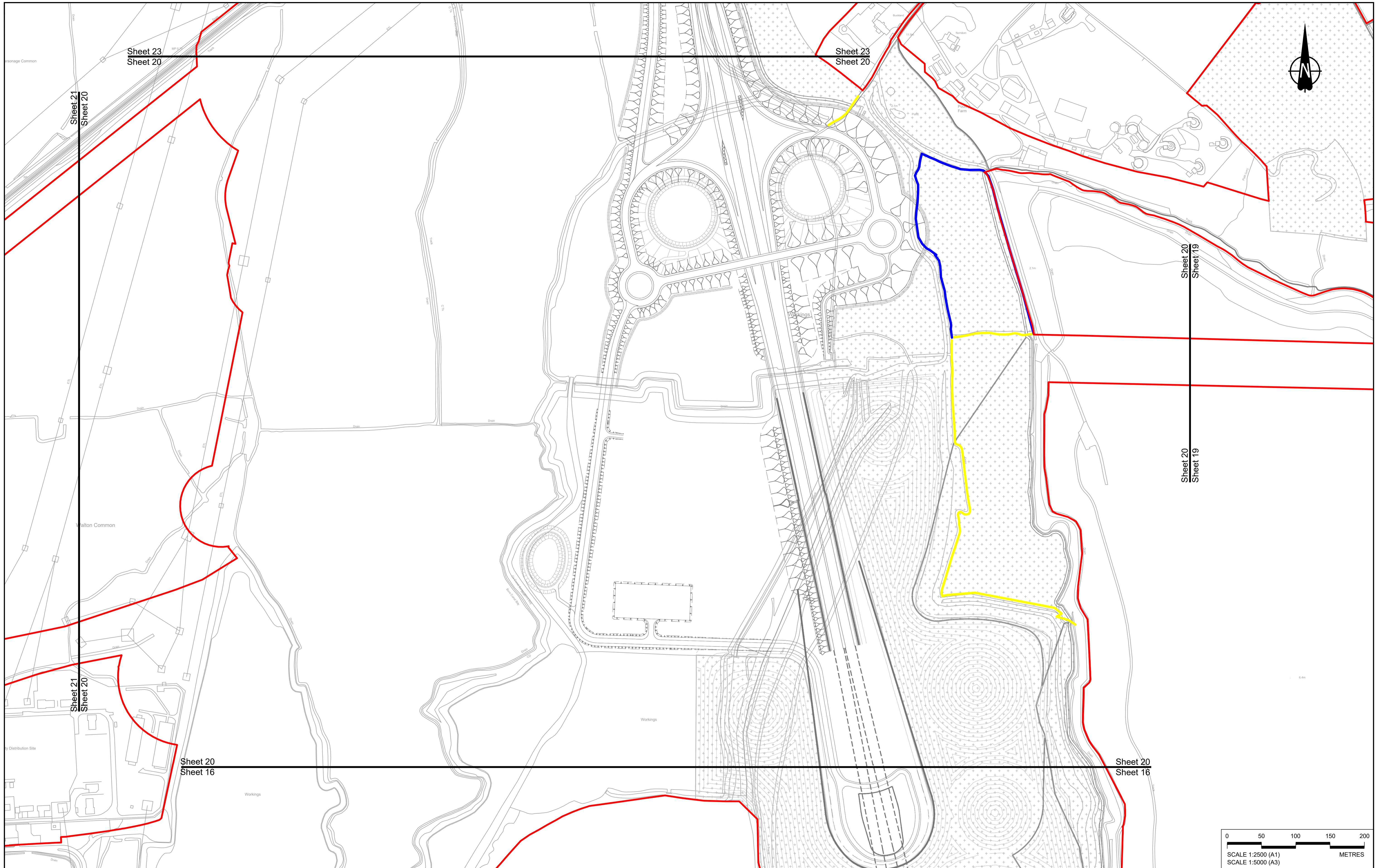
- Order Limits
- Local Authority Boundary
- Important Hedgerows (subject to The Hedgerows Regulations 1997)
- Other Hedgerows
- Tree Preservation Order - Area, Group or Woodland
- Tree Preservation Order - Individual Tree



Client
national highways

Project
LOWER THAMES CROSSING

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.18	A1	P01
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 19		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60016		



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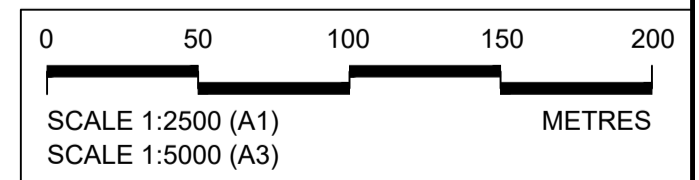
Sheet 20
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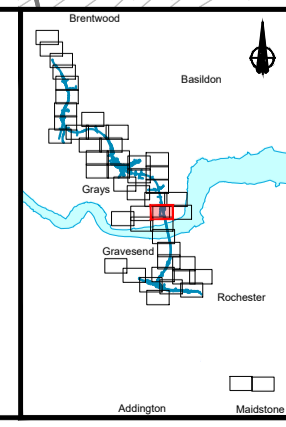
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	S8	19/10/2022	DCO Application	MS	RO	ASB

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- LEGEND:**
- Order Limits
 - - - Local Authority Boundary
 - Important Hedgerows (subject to The Hedgerows Regulations 1997)
 - Other Hedgerows
 - Tree Preservation Order - Area, Group or Woodland
 - Tree Preservation Order - Individual Tree



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.18	A1	P01
Drawing title	HEDGEROW & TREE PRESERVATION ORDER REGULATION 5(2)(o) SHEET 20		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-LX-60017		

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