



## Lower Thames Crossing

### 2.5 General Arrangement Plans Volume A (Key Plan) (Tracked changes version)

APFP Regulation 5(2)(o)

**Deleted:** DATE: September 2023  
**Deadline:** 4

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

Volume 2

DATE: November 2023  
DEADLINE: 7

Planning Inspectorate Scheme Ref: TR010032  
Application Document Ref: TR010032/APP/2.5

VERSION: 4.0

### Revision history

Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	24 August 2023	Deadline 3
3.0	19 September 2023	Deadline 4
<u>4.0</u>	<u>17 November 2023</u>	<u>Deadline 7</u>

## Lower Thames Crossing

### 2.5 General Arrangement Plans Volume A (Key Plan) (Tracked changes version)

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## 1 Introduction

- 1.1.1 This document is submitted to the Planning Inspectorate on behalf of the Secretary of State in relation to an application made by National Highways (the Applicant) under section 37 of the Planning Act 2008.
- 1.1.2 The application is for the grant of development consent for the A122 Lower Thames Crossing. Should development consent be granted, the draft A122 (Lower Thames Crossing) Development Consent Order (Application Document 3.1) (the draft Order) will be made by the Secretary of State (subject to any modifications considered appropriate).
- 1.1.3 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 Procedures) 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 The purpose of the General Arrangement Plans is to illustrate:
- the proposed highway works, including embankment and cutting earthworks and structures, including new or modified bridges and retaining walls;
  - the routes proposed for new or improved rights of way; the location of new lighting, traffic signs and gantries;
  - proposed above ground drainage features, including the location of culverts and wetlands and infiltration basins;
  - the tunnels and the tunnel cross passages;
  - areas of environmental works that show ecological habitat creation and receptor sites for protected species;
  - areas for open space provision and replacement land;
  - the location and extent of proposed new hedgerows, highways and ecological fencing and acoustic barriers;
  - the location of grassland and woodland planting areas;
  - the location and extent of utilities diversions for overhead powerlines, underground multiutility works, high pressure gas pipelines, those other gas pipelines with a diameter of 800mm or greater and the location of permanent utility facilities or substation.

- 1.1.5 The information shown on the plans is commensurate with the preliminary design status of the Project and 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).
- 1.1.6 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).
- 1.1.7 Further details on the height of proposed bridges, structures and embankments and the depth of proposed cuttings, together with cross-sections of structures, longitudinal profiles and typical details for specific design features are provided in the Engineering Drawings and Sections (Application Document 2.9) and in the Structures Plans (Application Document 2.13).
- 1.1.8 To ensure sufficient detail and clarity of information, the General Arrangement 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 approach for the General Arrangement Plans 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. Works Plans (Application Document 2.6)
  - e. Rights of Way and Access Plans (Application Document 2.7)
  - f. Streets Subject to Temporary Restrictions of Use Plans (Application Document 2.8)
  - g. Traffic Regulation Measures Plans (Application Document 2.10)
  - h. Drainage Plans (Application Document 2.16)
  - i. Temporary Works Plans (Application Document 2.17)
  - j. Hedgerow And Tree Preservation Order Plans (Application Document 2.18)
- 1.1.10 The information contained on each sheet of the General Arrangement 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 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.
- 1.1.12 The General Arrangement Plans 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 3.1)).
- 1.1.13 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 Schedule 1 of the draft Order (Application Document 3.1).
- 1.1.14 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.
- 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](#)].
- 1.1.16 These plans have been updated for Deadline 4 to include the proposed changes MRC01, MRC02 and MRC03 following the procedural decision made by the Examining Authority [[PD-031](#)].
- 1.1.17 These plans have been updated for Deadline 7 to include the proposed amendment EA07, as detailed in Deadline 5 cover letter [[REP5-001](#)], and proposed amendments EA08 and EA10, as explained in the Applicant's Amendment Letter (document number TR010032/EXAM/10.46).

## 2 Schedule of Plans included in this application document

Document Title	Document Number	Revision
GENERAL ARRANGEMENT REGULATION 5(2)(o) KEY PLAN	TR010032/APP/2.5	P04
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 1	TR010032/APP/2.5	P02
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 2	TR010032/APP/2.5	P02
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 3	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 4	TR010032/APP/2.5	P02
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 5	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 6	TR010032/APP/2.5	P02
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 7	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 8	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 9	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 10	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 11	TR010032/APP/2.5	P03

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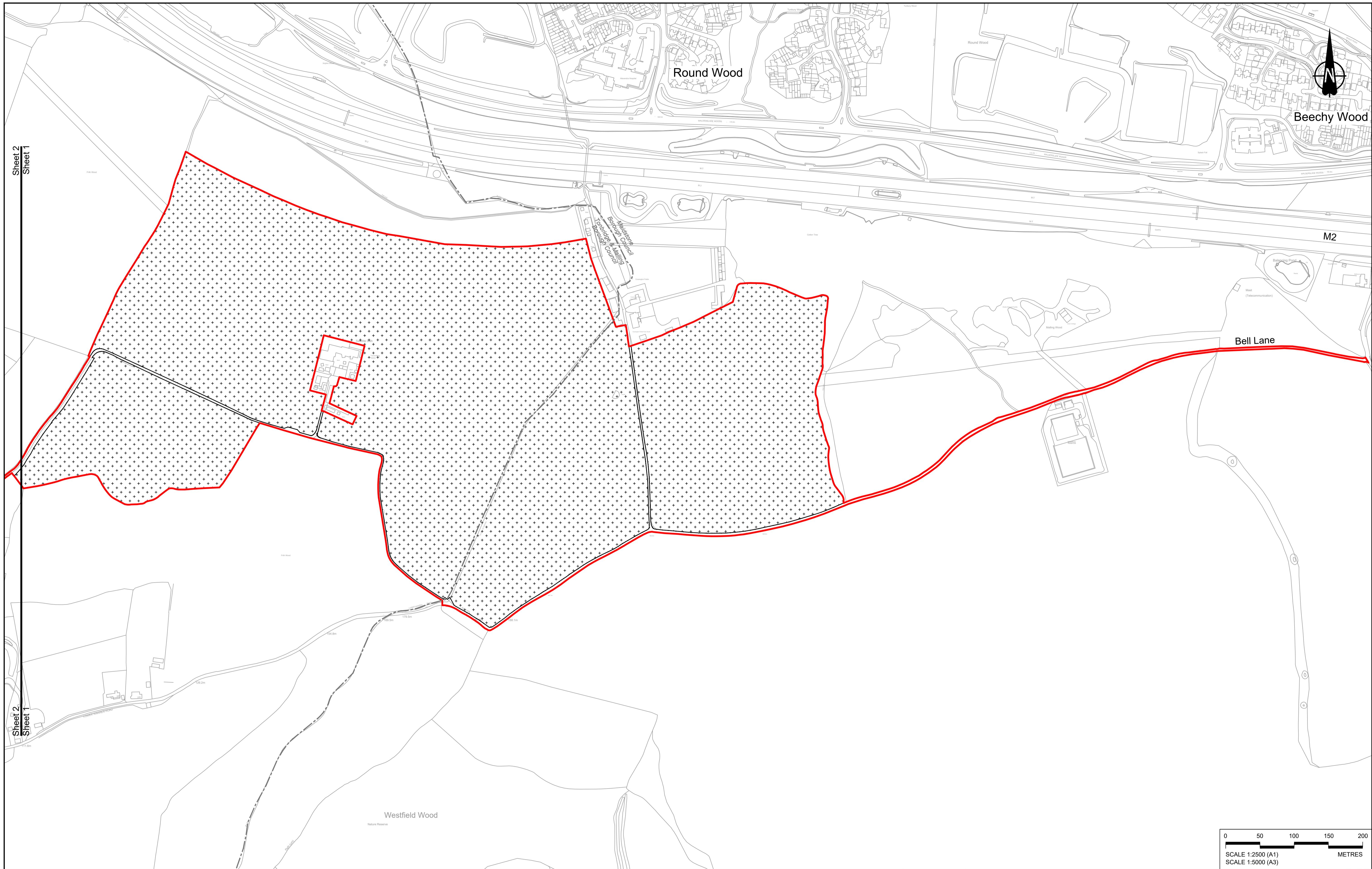
Deleted: P01

Deleted: P02

Document Title	Document Number	Revision
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 12	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 13	TR010032/APP/2.5	<u>P02</u>
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 14	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 15	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 16	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 17	TR010032/APP/2.5	<u>P02</u>
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 18	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 19	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 20	TR010032/APP/2.5	<u>P02</u>
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 21	TR010032/APP/2.5	<u>P02</u>
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 22	TR010032/APP/2.5	P02
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 23	TR010032/APP/2.5	P03
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 24	TR010032/APP/2.5	P02

Document Title	Document Number	Revision
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 25	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 26	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 27	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 28	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 29	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 30	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 31	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 32	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 33	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 34	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 35	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 36	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 37	TR010032/APP/2.5	P01

Document Title	Document Number	Revision
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 38	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 39	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 40	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 41	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 42	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 43	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 44	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 45	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 46	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 47	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 48	TR010032/APP/2.5	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 49	TR010032/APP/2.5	P01



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<b>NOTES:</b>											
P01	S8	19/10/2022	DCO Application	GP	RO	ASB	Order Limits	Culvert	Earthworks - Cutting	PROPOSED UTILITIES	PROPOSED ENVIRONMENTAL WORKS
P02	S8	19/09/2023	Deadline 4	GP	RO	ASB	Local Authority boundary	Traffic sign	Earthworks - Embankment	Underground gas diversion	Flood Compensation Area
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd	Proposed replacement travellers site	Gantry	Earthworks - False cutting and landscaping	Regulated or modified overhead electricity line	Woodland planting
							New carriageway	Verge	Underground utility alignment	Underground utility alignment	Grassland planting
							Overbridge	Retaining wall	Diversion ties into existing network	Ecological habitat creation and receptor site for protected species	Hedgerow
							Underpass	Water pipe & self-regulating valve	Water pipe & self-regulating valve	Temporary ecological habitat	Watercourse diversion
								Tunnel Service Building	Maintenance access	Ecological fencing (badger)	Acoustic barrier
								Tunnel	Car park	Bat Barn structure	Fencing
								Ground protection tunnel	Rendezvous point	Ecological pond	

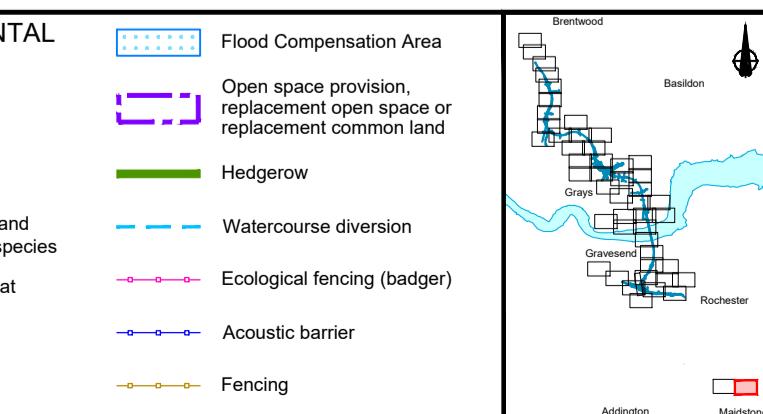
**NOTES:**

- The proposed arrangement of the Scheme is 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).
- These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).
- For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

**BOUNDARIES**  
 Order Limits  
 Local Authority boundary  
 Proposed replacement travellers site  
**PROPOSED ENGINEERING AND CONSTRUCTION**  
 New carriageway  
 Overbridge  
 Underpass  
 Culvert  
 Traffic sign  
 Gantry  
 Lighting  
 Infiltration basin, detention basin or retention pond  
 New cycling and horse-riders routes  
 Green Roof for Tunnel Service Building  
 Retaining wall  
 Tunnel  
 Ground protection tunnel

**PROPOSED UTILITIES**  
 Underground gas diversion  
 Regulated or modified overhead electricity line  
 Underground utility alignment  
 Diversion ties into existing network  
 Water pipe & self-regulating valve  
 Utility compound or substation

**PROPOSED ENVIRONMENTAL WORKS**  
 Flood Compensation Area  
 Open space provision, replacement open space or replacement common land  
 Woodland planting  
 Grassland planting  
 Ecological habitat creation and receptor site for protected species  
 Temporary ecological habitat  
 Ecological fencing (badger)  
 Bat Barn structure  
 Acoustic barrier  
 Fencing  
 Ecological pond



**Client**  
**Project**  
**LOWER THAMES CROSSING**

<b>DCO Examination</b>	Original Size	Revision
Application Document Number	A1	P02
TR010032/APP/2.5	Scale	1:2500
Drawing title		
<b>GENERAL ARRANGEMENT REGULATION 5(2)(o)</b>		
<b>SHEET 1</b>		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_DR-CX-10055	



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2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).
3. For Environmental details refer to the Environmental Masterplan

A diagram showing a cross-section of a proposed engineering project. The diagram features a large, irregularly shaped area at the bottom labeled "PROPOSED ENGINEERING AND CONSTRUCTION". Above this, there is a smaller, roughly circular area with a blue shaded interior. To the right of this blue area, the text "Infiltration basin, detention basin or retention pond" is written. Below the main label, the text "With dimensions" is partially visible.

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- underground gas
- aligned or modified overhead electric
- underground multi-agency
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The diagram consists of three horizontal shapes. The first shape is a green circle centered below a green hatched rectangle. The second shape is a yellow hatched rectangle. The third shape is a black rectangle containing four white '+' signs arranged in a 2x2 grid.

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Woodland plant  
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A map of the Basildon area, showing the coastline and the location of the study site. The study site is indicated by a small square marker on the map.

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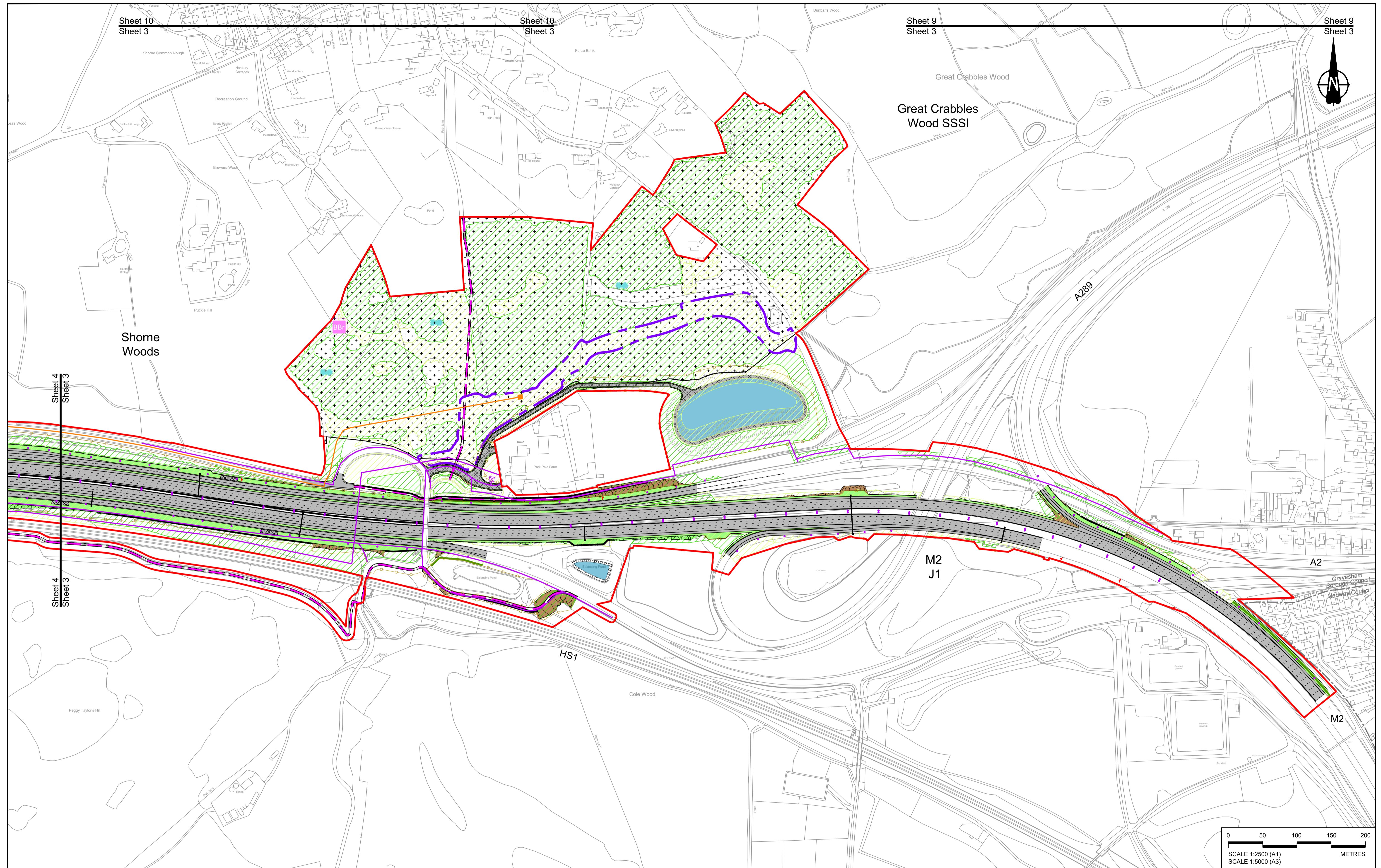
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P02

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<b>NOTES:</b>									
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2. These plans should be read in conjunction with the Development Consent Order (application document reference TR01032/APP/0.1).									
3. For Environmental details refer to the Environmental Masterplan (application document reference TR01032/APP/2.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR01032/APP/0.2 Fig 2.3) and associated drawings and documents.									
P01	S8	19/10/2022	DCO Application	GP	RO	ASB			
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd			

BOUNDARIES		PROPOSED UTILITIES		PROPOSED ENVIRONMENTAL WORKS	
— Order Limits	— Local Authority boundary	— Proposed replacement travellers site	— Culvert	— Earthworks - Cutting	— Flood Compensation Area
— Proposed replacement travellers site	— Local Authority boundary	— Culvert	— Traffic sign	— Earthworks - Embankment	— Open space provision, replacement open space or replacement common land
— Local Authority boundary	— Order Limits	— Culvert	— Gantry	— Earthworks - False cutting and landscaping	— Woodland planting
— Order Limits	— Local Authority boundary	— Culvert	— Lighting	— Verge	— Grassland planting
— Local Authority boundary	— Order Limits	— Culvert	— Infiltration basin, detention basin or retention pond	— Retaining wall	— Ecological habitat creation and receptor site for protected species
— Order Limits	— Local Authority boundary	— Culvert	— Walking, cycling and horse-riding routes	— Water pipe & self-regulating valve	— Utility compound or substation
— Local Authority boundary	— Order Limits	— Culvert	— New carriageway	— Maintenance access	— Temporary ecological habitat
— Local Authority boundary	— Order Limits	— Culvert	— Overbridge	— Car park	— Bat Barn structure
— Local Authority boundary	— Order Limits	— Culvert	— Underpass	— Rendezvous point	— Acoustic barrier
— Local Authority boundary	— Order Limits	— Culvert	— Tunnel		— Fencing

**PROPOSED ENGINEERING AND CONSTRUCTION**

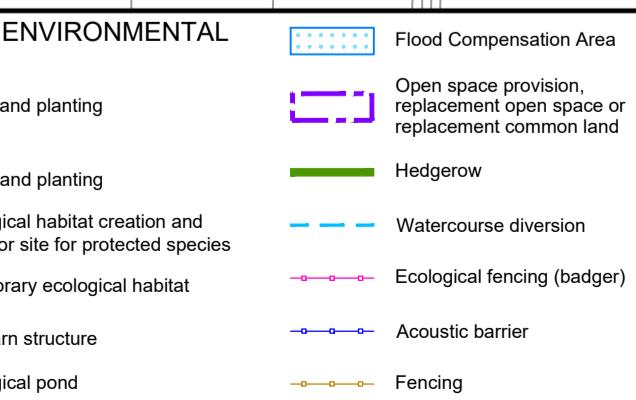
- New carriageway
- Overbridge
- Underpass
- Tunnel
- Ground protection tunnel

**PROPOSED UTILITIES**

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multilift alignment
- Diversion ties into existing network
- Water pipe & self-regulating valve

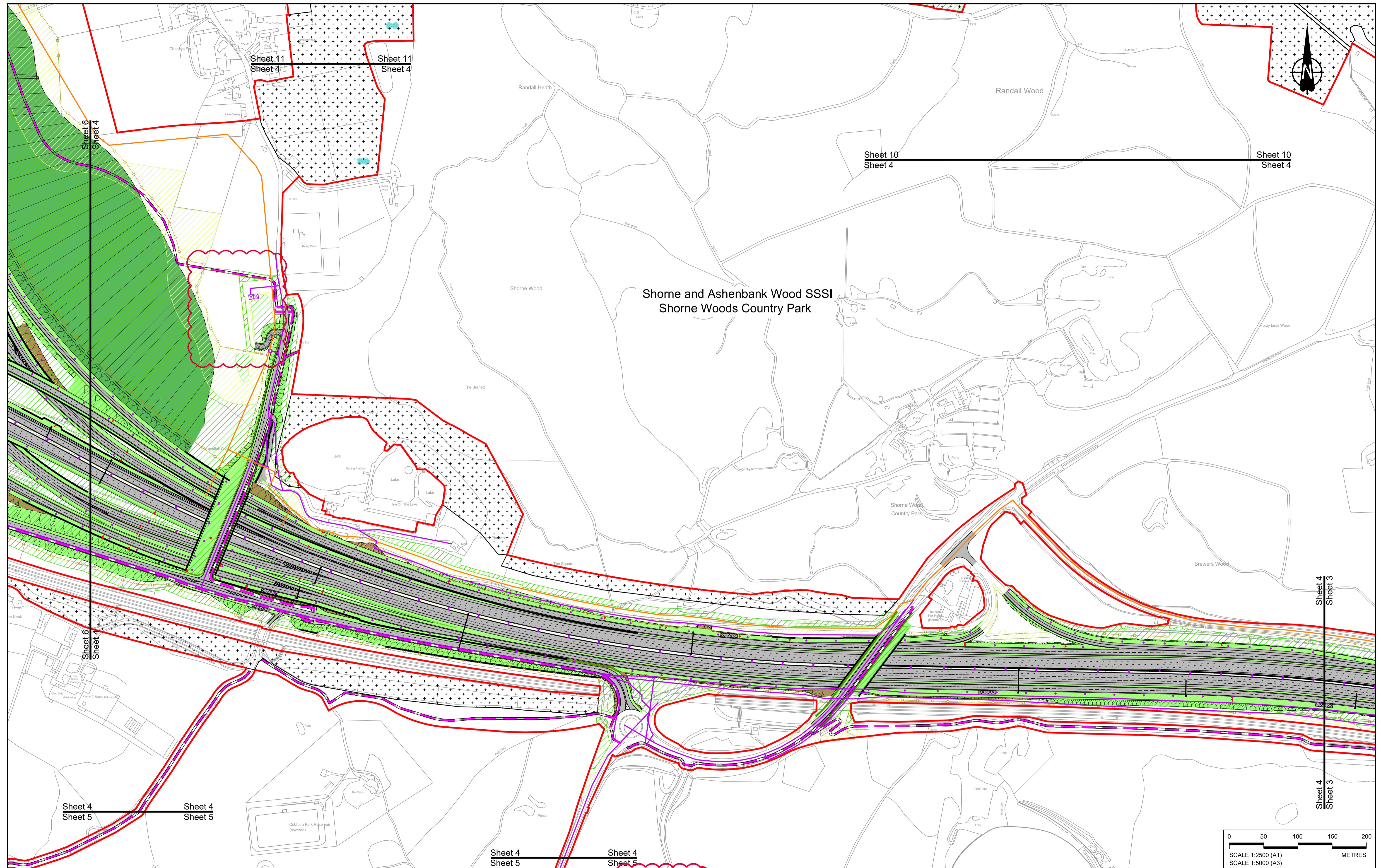
**PROPOSED ENVIRONMENTAL WORKS**

- Flood Compensation Area
- Open space provision, replacement open space or replacement common land
- Woodland planting
- Grassland planting
- Ecological habitat creation and receptor site for protected species
- Utility compound or substation
- Temporary ecological habitat
- Bat Barn structure
- Acoustic barrier
- Fencing
- Ecological pond



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

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR01032/APP/2.5	Scale	1:2500		
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o)				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_DR-CX-10001				



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**NOTES:**  
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 2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP3.1).  
 3. For Environmental Constraints refer to the Environmental Management Plan (application document reference TR010032/APP6.2 Fig 2-4) and Environmental Constraints Plan (application document reference TR010032/APP6.2 Fig 2-3) and associated drawings and documents.

#### PROPOSED ENGINEERING AND CONSTRUCTION

New carriageway  
Overbridge  
Underpass

Culvert  
Proposed replacement travellers site

Traffic sign  
Gantry  
Lighting

Infiltration basin, detention basin or retention pond

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Green Roof for Tunnel Service Building

Maintenance access

Tunnel

Car park

Tunnel

Rendezvous point

Ground protection tunnel

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Grassland planting

Hedgerow

Watercourse diversion

Ecological habitat creation and receptor site for protected species

Underground multistorey alignment

Temporary ecological habitat

Ecological fencing (badger)

Bat Barn structure

Acoustic barrier

Ecological pond

Fencing

Utility compound or substation

#### BOUNDARIES

Order Limits  
Local Authority boundary  
Proposed replacement travellers site

Culvert  
Traffic sign  
Gantry

Lighting

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Green Roof for Tunnel Service Building

Maintenance access

Tunnel

Car park

Tunnel

Rendezvous point

Ground protection tunnel

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Grassland planting

Hedgerow

Watercourse diversion

Ecological habitat creation and receptor site for protected species

Underground multistorey alignment

Temporary ecological habitat

Ecological fencing (badger)

Bat Barn structure

Acoustic barrier

Ecological pond

Fencing

Utility compound or substation

Rev

Status

Rev. Date

Purpose of revision

Drawn

Chk'd

Apprv'd

P01

S8

19/10/2022

DCO Application

GP

RO

ASB

P02

S8

17/11/2023

Deadline 7

GP

RO

ASB

#### Status

DCO Application  
Application Document Number TR010032/APP2.5  
Scale 1:2500

A1

Revision P02

Original Size

1:2500 (A1)

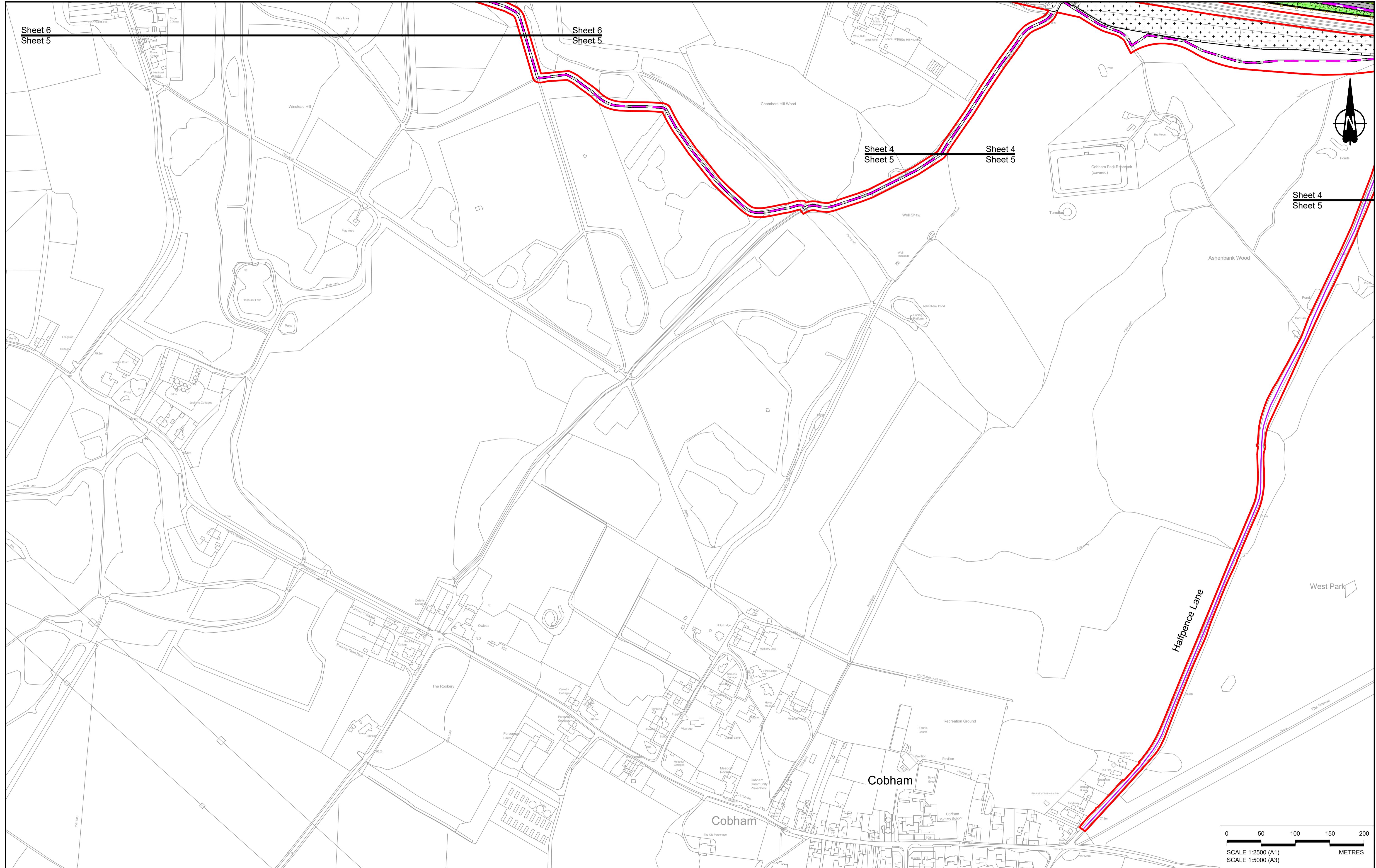
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Project



GENERAL ARRANGEMENT  
REGULATION 5(2)(o)  
SHEET 4  
Drawing Number HE540039-CJV-BOP-SZZ\_GN000000\_DR-CX-10002

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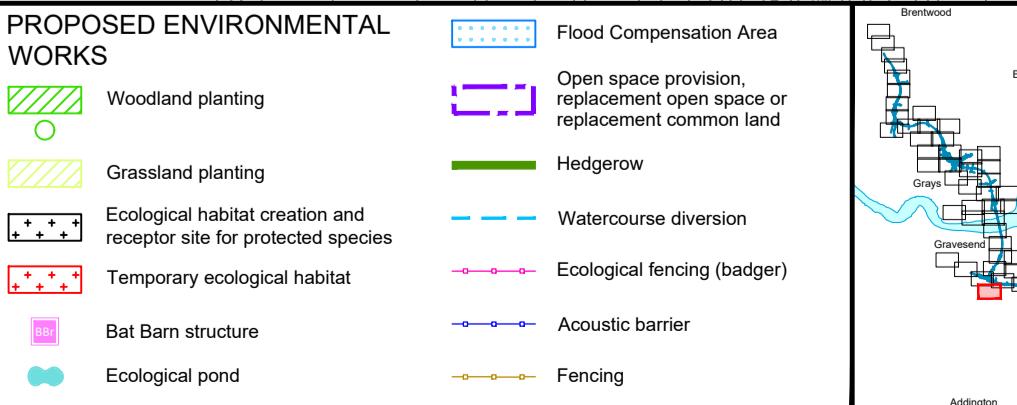
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P01	S8	19/10/2022	DCO Application	GP	RO	ASB					
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd					

BOUNDARIES	
Order Limits	Culvert
Local Authority boundary	Traffic sign
Proposed replacement travellers site	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walk/bike cycling and horse-riding routes
New carriageway	Earthworks - False cutting and landscaping
Overbridge	Earthworks - Embankment
Underpass	Earthworks - Cutting
	Retaining wall
	Verge
	Tunnel
	Tunnel Service Building
	Ground protection tunnel

PROPOSED ENGINEERING AND CONSTRUCTION	
New carriageway	Underground gas diversion
Overbridge	Resigned or modified overhead electricity line
Underpass	Realignments or realignment of existing network
	Temporary ecological habitat
	Ecological habitat creation and receptor site for protected species
	Maintenance access
	Utility compound or substation
	Bat Barn structure
	Ecological pond
	Fencing

PROPOSED UTILITIES	
Culvert	Underground gas diversion
Traffic sign	Resigned or modified overhead electricity line
Gantry	Realignments or realignment of existing network
Lighting	Temporary ecological habitat
Infiltration basin, detention basin or retention pond	Ecological habitat creation and receptor site for protected species
Walk/bike cycling and horse-riding routes	Maintenance access
Earthworks - False cutting and landscaping	Utility compound or substation
Earthworks - Embankment	Bat Barn structure
Earthworks - Cutting	Ecological pond

PROPOSED ENVIRONMENTAL WORKS	
Flood Compensation Area	Woodland planting
Open space provision, replacement open space or replacement common land	Grassland planting
Hedgerow	Ecological habitat creation and receptor site for protected species
Watercourse diversion	Maintenance access
Ecological fencing (badger)	Utility compound or substation
Acoustic barrier	Bat Barn structure
Fencing	Ecological pond



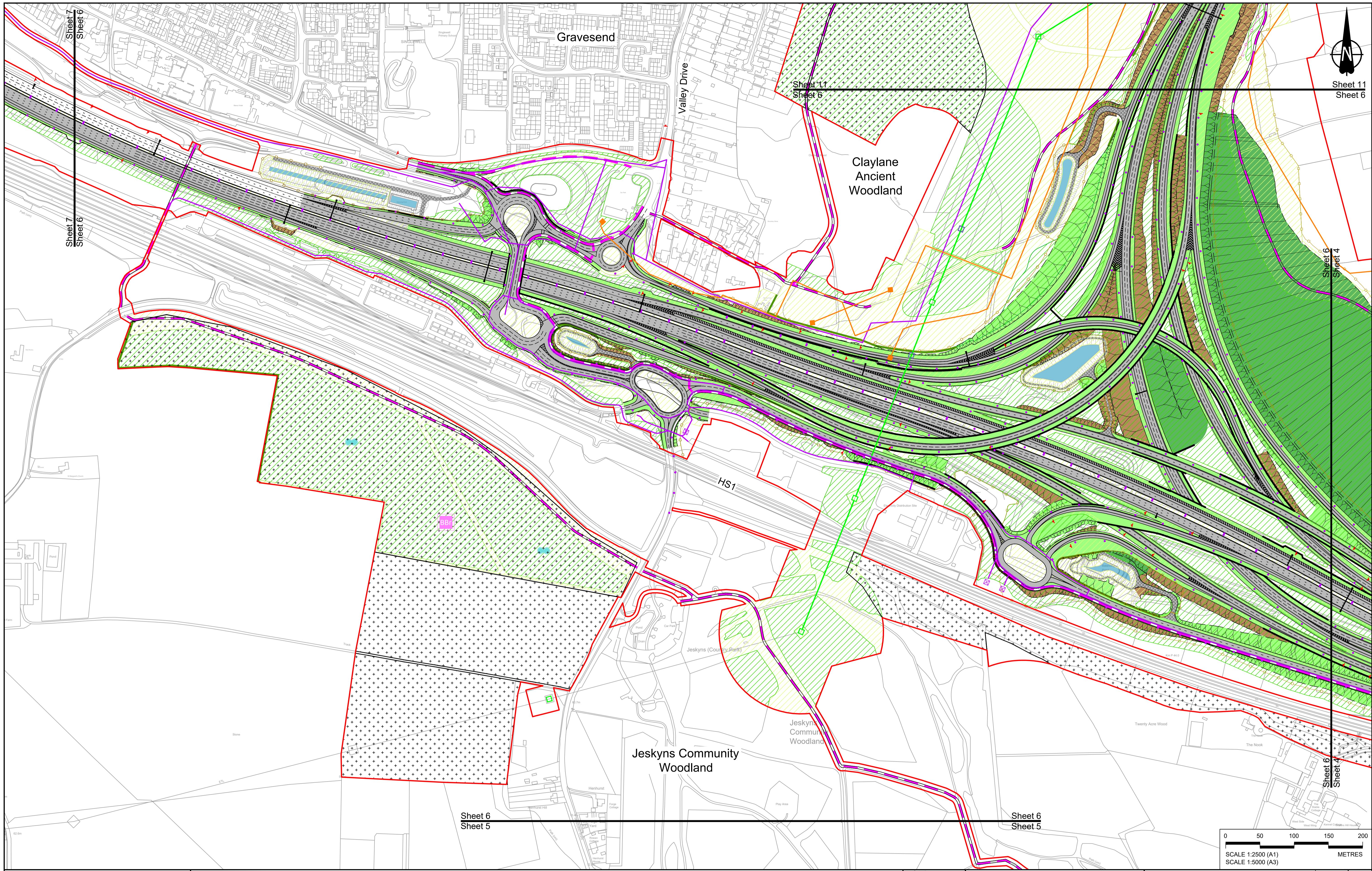
Client

national highways

Status

DCO Application  
Application Document Number TR010032/APP/2.5  
Scale 1:2500

Original Size A1  
Revision P01  
Drawing title  
Project  
GENERAL ARRANGEMENT  
REGULATION 5(2)(o)  
SHEET 5  
Drawing Number HE540039-CJV-BOP-SZZ\_GN000000\_DR-CX-10003  
HE540039-CJV-BOP-SZZ\_GN000000\_DR-CX-10003.dwg



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#### BOUNDARIES

- Order Limits
- Local Authority boundary
- Proposed replacement travellers site
- New carriageway
- Overbridge
- Underpass

#### PROPOSED ENGINEERING AND CONSTRUCTION

- Culvert
- Traffic sign
- Gantry
- Lighting
- Infiltration basin, detention basin or retention pond
- Walkway, cycling and horse-riding routes
- Green Roof for Tunnel Service Building
- Tunnel Service Building
- Rendezvous point

#### PROPOSED UTILITIES

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multiutility alignment
- Diversion ties into existing network

#### PROPOSED ENVIRONMENTAL WORKS

- Flood Compensation Area
- Woodland planting
- Grassland planting
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Utility compound or substation
- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Acoustic barrier
- Ecological pond
- Fencing

#### Client



#### Project

LOWER THAMES CROSSING

#### DCO Examination

Application Document Number

TR010032/APP/2.5

Original Size

A1

Revision

P02

Scale

1:2500

Drawing title

GENERAL ARRANGEMENT

REGULATION 5(2)(o)

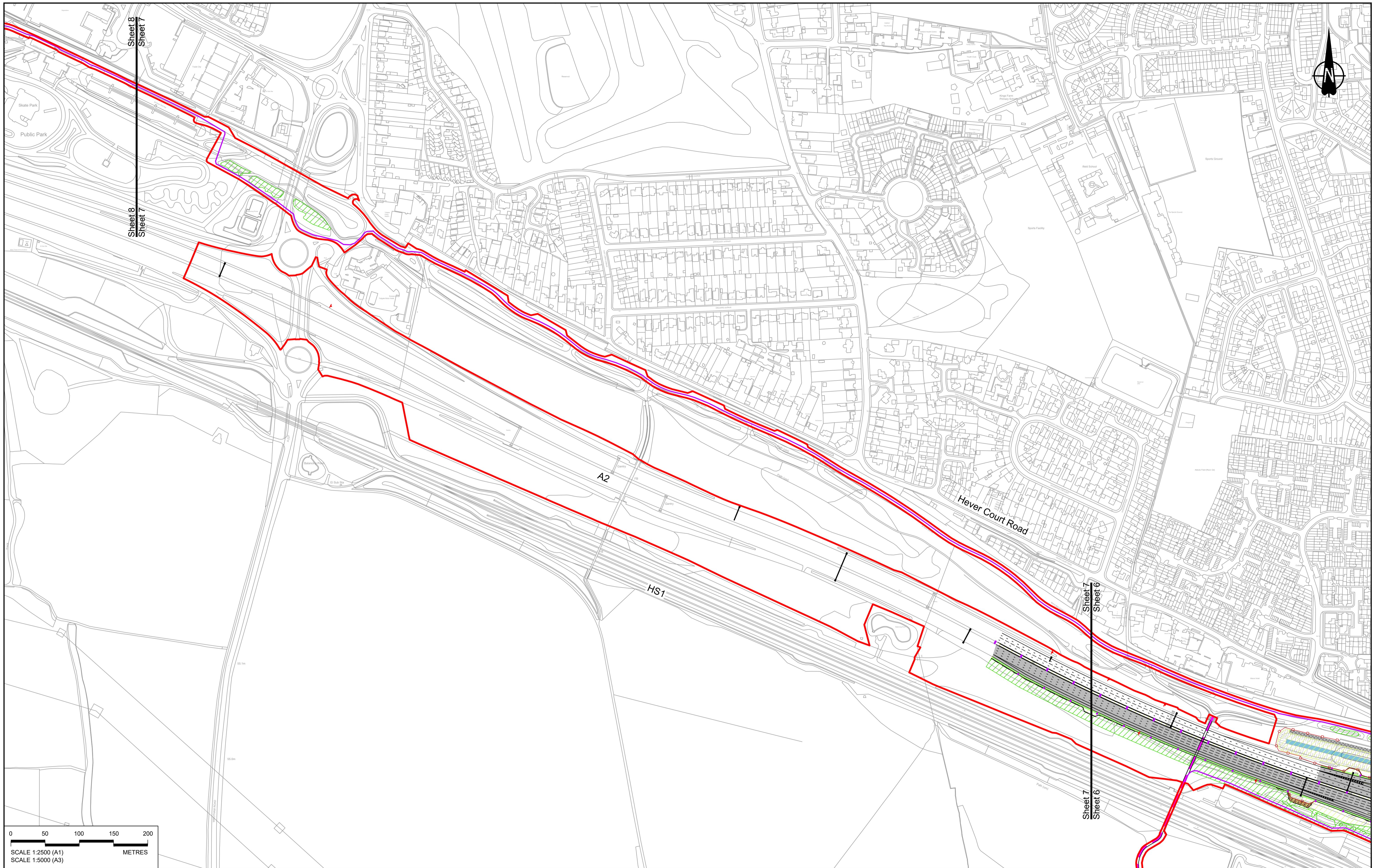
SHEET 6

Drawing Number

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
P02	S8	24/08/2023	Deadline 3	GP	RO	ASB



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 3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

**BOUNDARIES**  
 — Order Limits  
 - - - Local Authority boundary  
 - - - Proposed replacement travellers site  
**PROPOSED ENGINEERING AND CONSTRUCTION**  
 ■ New carriageway  
 ■ Overbridge  
 ■ Underpass  
 ■ Culvert  
 ■ Traffic sign  
 ■ Gantry  
 ■ Lighting  
 ■ Infiltration basin, detention basin or retention pond  
 ■ Walk/cycling and horse-riding routes  
 ■ Green Roof for Tunnel Service Building  
 ■ Tunnel  
 ■ Rendezvous point

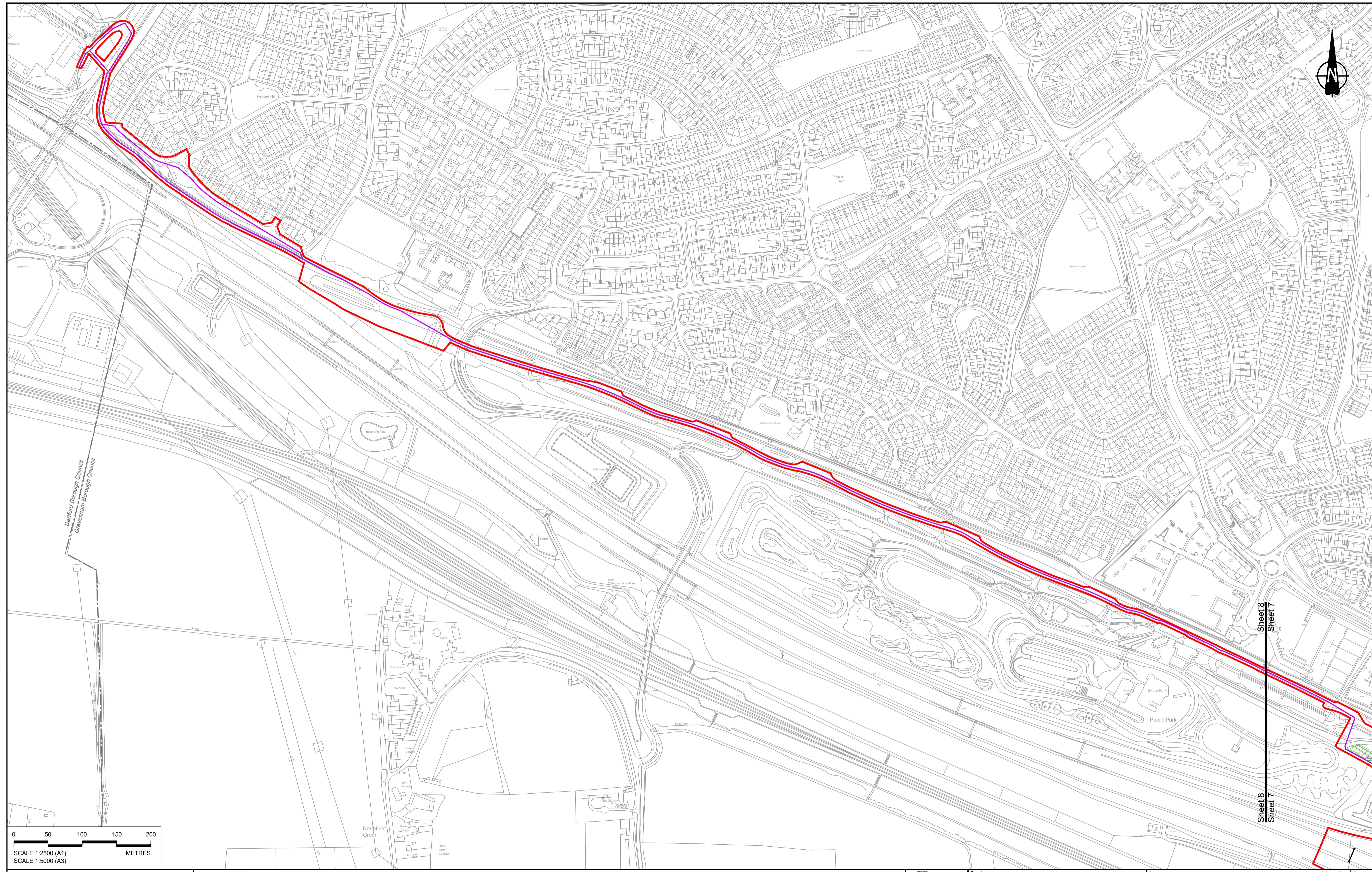
**PROPOSED UTILITIES**  
 ■ Underground gas diversion  
 ■ Resigned or modified overhead electricity line  
 ■ Underground multiutility alignment  
 ■ Diversion ties into existing network  
**PROPOSED ENVIRONMENTAL WORKS**  
 ■ Woodland planting  
 ■ Grassland planting  
 ■ Retaining wall  
 ■ Verge  
 ■ Tunnel Service Building  
 ■ Utility compound or substation  
 ■ Maintenance access  
 ■ Car park  
 ■ Rendezvous point

**Flood Compensation Area**  
 ■ Open space provision, replacement open space or replacement common land  
 ■ Hedgerow  
 ■ Watercourse diversion  
 ■ Ecological fencing (badger)  
 ■ Temporary ecological habitat  
 ■ Bat Barn structure  
 ■ Acoustic barrier  
 ■ Fencing  
 ■ Ecological pond

Client



**DCO Application**  
 Application Document Number: TR010032/APP/2.5  
 Scale: 1:2500  
 Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o)  
 Project: LOWER THAMES CROSSING  
 Drawing Number: HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10005  
 Original Size: A1  
 Revision: P01



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**NOTES:**

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2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).
3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.2) – as detailed below.

**PROPOSED ENGINEERING AND CONSTRUCTION**

- Order Limits
- Local Authority boundary
- Proposed replacement travellers site
- New carriageway
- Overbridge
- Underpass
- Culvert
- Traffic sign
- Gantry
- Lighting
- Infiltration basin, detention basin or retention pond
- Walking, cycling and horse-riding routes
- Green Roof for Tunnel Service Building
- Tunnel
- Ground protection tunnel

The legend consists of eight entries, each with a colored square icon followed by a descriptive label:

- Earthworks - Cutting**: A brown square with three downward-pointing triangles.
- Earthworks - Embankment**: A green square with three upward-pointing triangles.
- Earthworks - False cutting and landscaping**: A grey square with three stylized trees.
- Verge**: A light green horizontal bar.
- Retaining wall**: A black horizontal bar.
- Water pipe & self-regulating**: A pink horizontal bar.
- Maintenance access**: A grey square with a diamond pattern.
- Car park**: A grey square with a grid of small circles.
- Rendezvous point**: A grey square with a grid of small squares.

**PROPOSED UTILITIES**

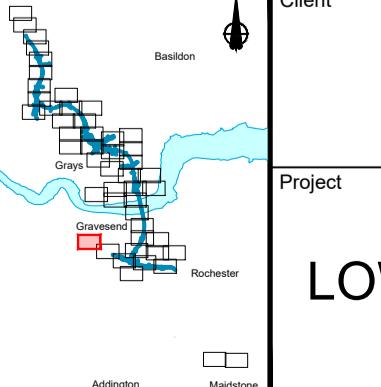
-  Underground gas diversion
-  Realigned or modified overhead electricity line
-  Underground multiutility alignment
-  Diversion ties into existing network
-  Utility compound or substation

**PROPOSED ENVIRONMENTAL WORKS**

-  Woodland planting
-  Grassland planting
-  Ecological habitat creation and receptor site for protected species
-  Temporary ecological habitat

**Flood Compensation Area**

- Open space provision,** replacement open space or replacement common land
- Hedgerow**
- Watercourse diversion**
- Ecological fencing (badger)**
- Acoustic barrier**
- Fencing**

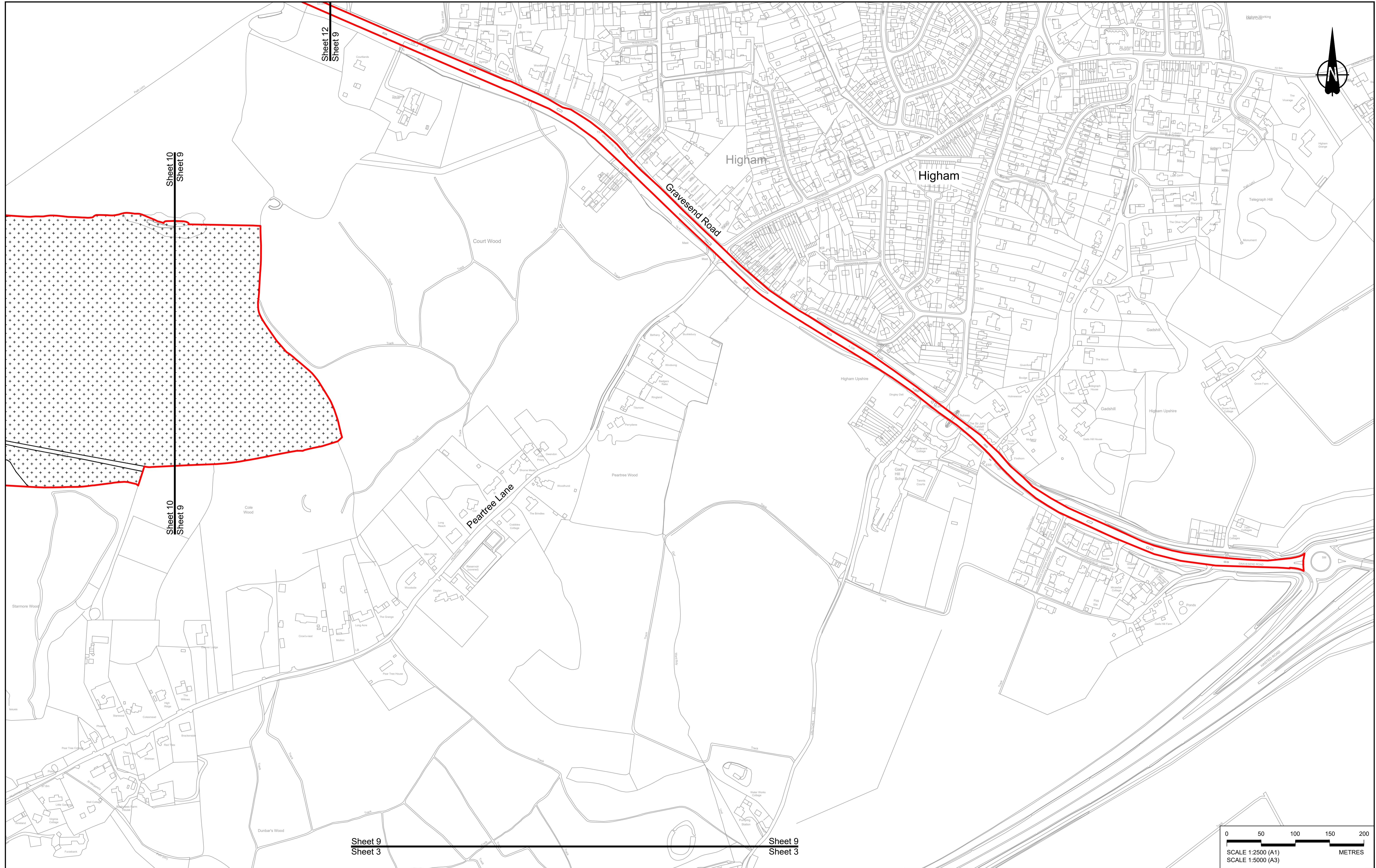


 national  
highways

# WER THAMES CROSSING

DCO Application		Original A1
Document Number	TR010032/APP/2.5	Scale
<h1>GENERAL ARRANGEMENT</h1> <h2>REGULATION 5(2)(o)</h2> <h3>SHEET 8</h3>		

039-CJV-BOP-SZZ GN000000 -DR-CX-10006



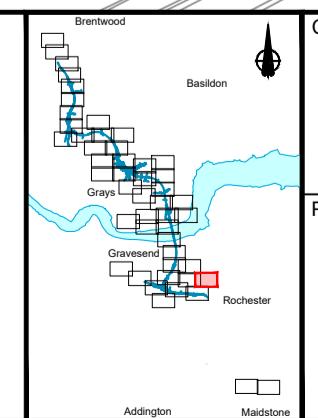
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd

**NOTES:**

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- For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

BOUNDARIES		PROPOSED ENGINEERING AND CONSTRUCTION		PROPOSED UTILITIES		PROPOSED ENVIRONMENTAL WORKS	
	Culvert		Traffic sign		Earthworks - Cutting		Flood Compensation Area
	Gantry		Lighting		Earthworks - Embankment		Basin
	Infiltration basin, detention basin or retention pond		Retaining wall		Earthworks - False cutting and landscaping		Brewood
	Walkways, cycling and horse-riding routes		Water pipe & self-regulating valve		Maintenance access		Rochester
	Green Roof for Tunnel Service Building		Car park		Car park		Ashington
			Rendezvous point				Messing

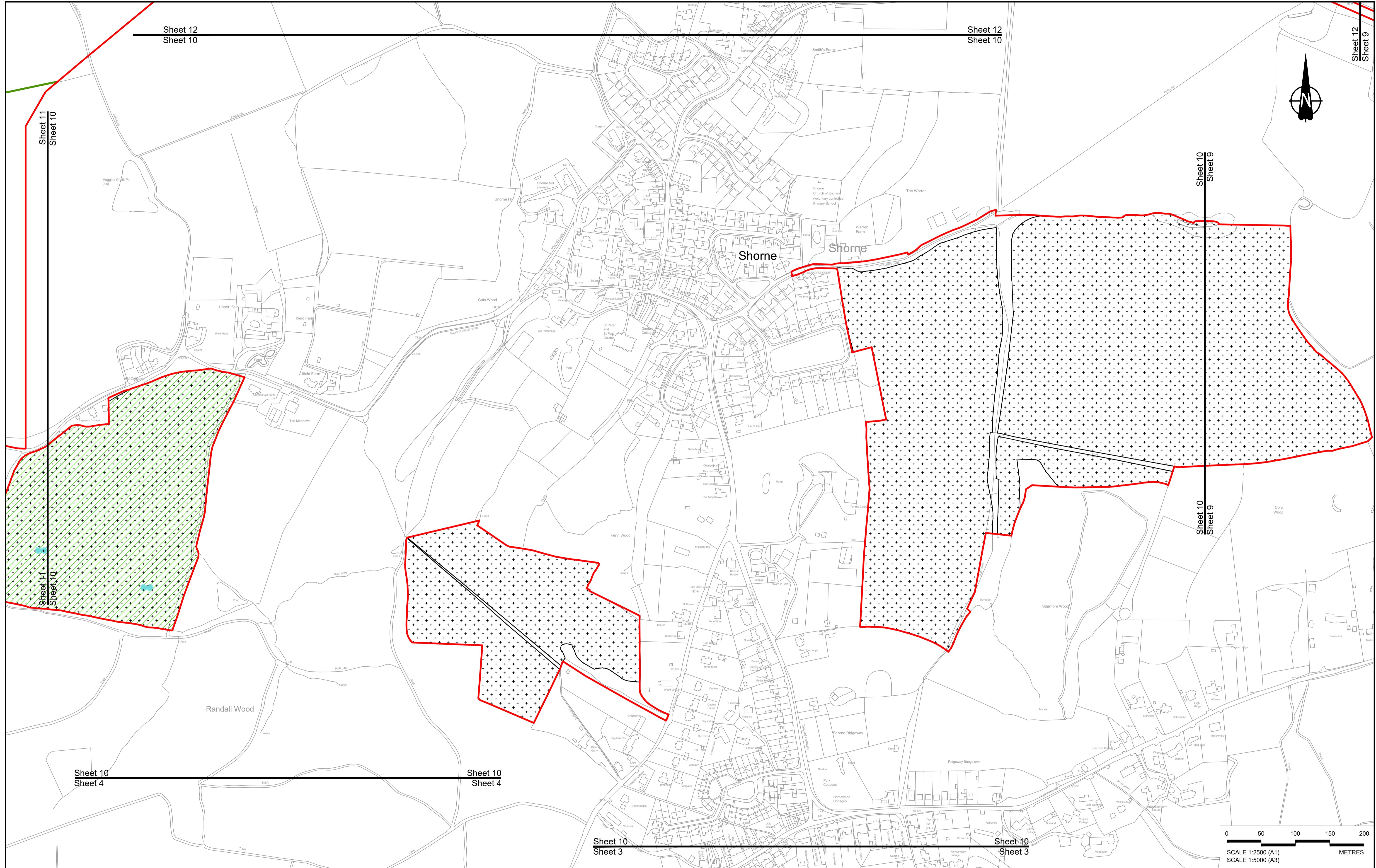


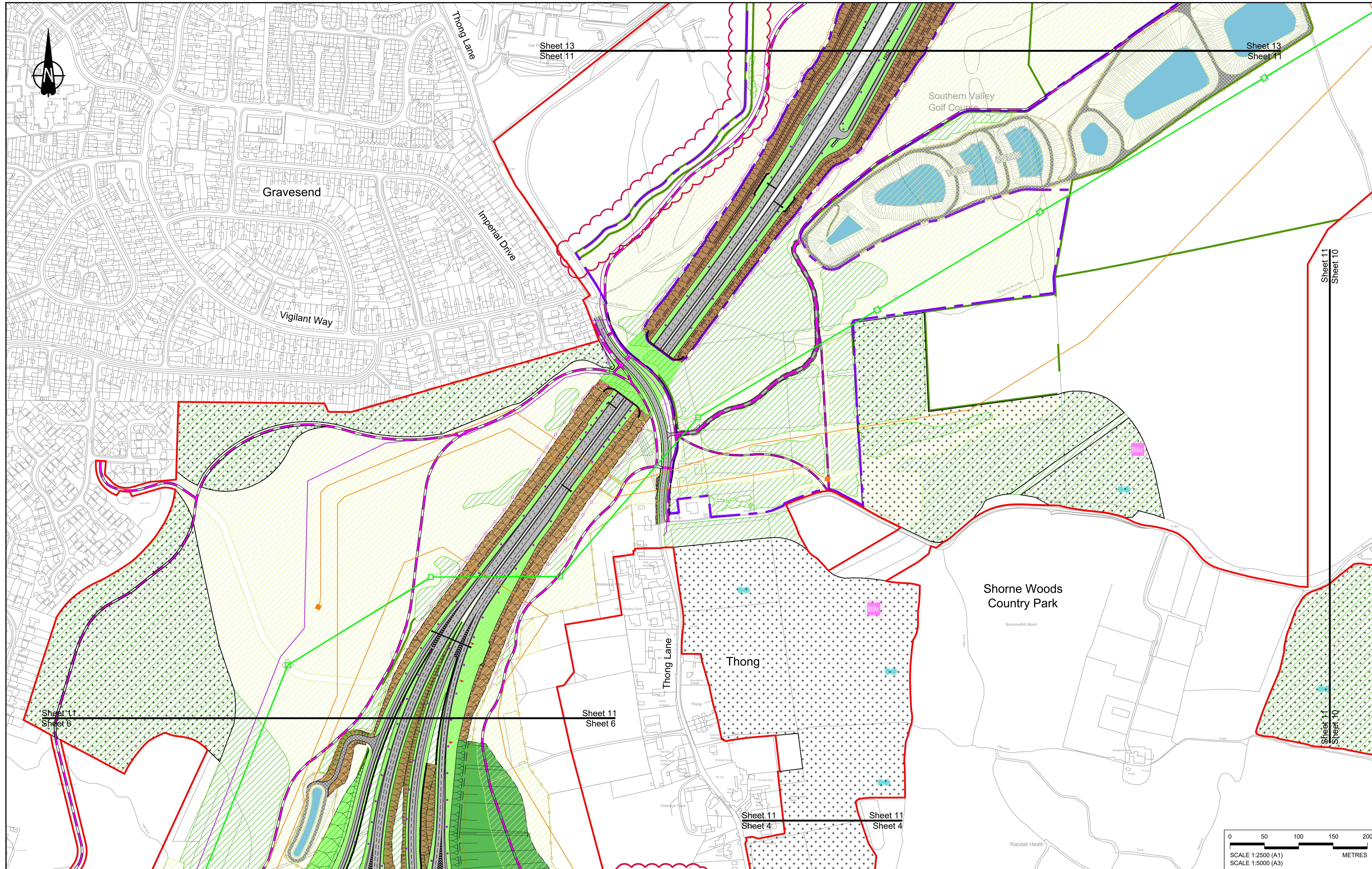
**Client:** national highways  
**Project:** LOWER THAMES CROSSING

<b>DCO Application</b>	Original Size A1	Revision P01		
Application Document Number	TR010032/APP/2.5	Scale 1:2500		
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o)			
<b>SHEET 9</b>				
Drawing Number HE540039-CJV-BOP-SZZ_GN000000_DR-CX-10007				

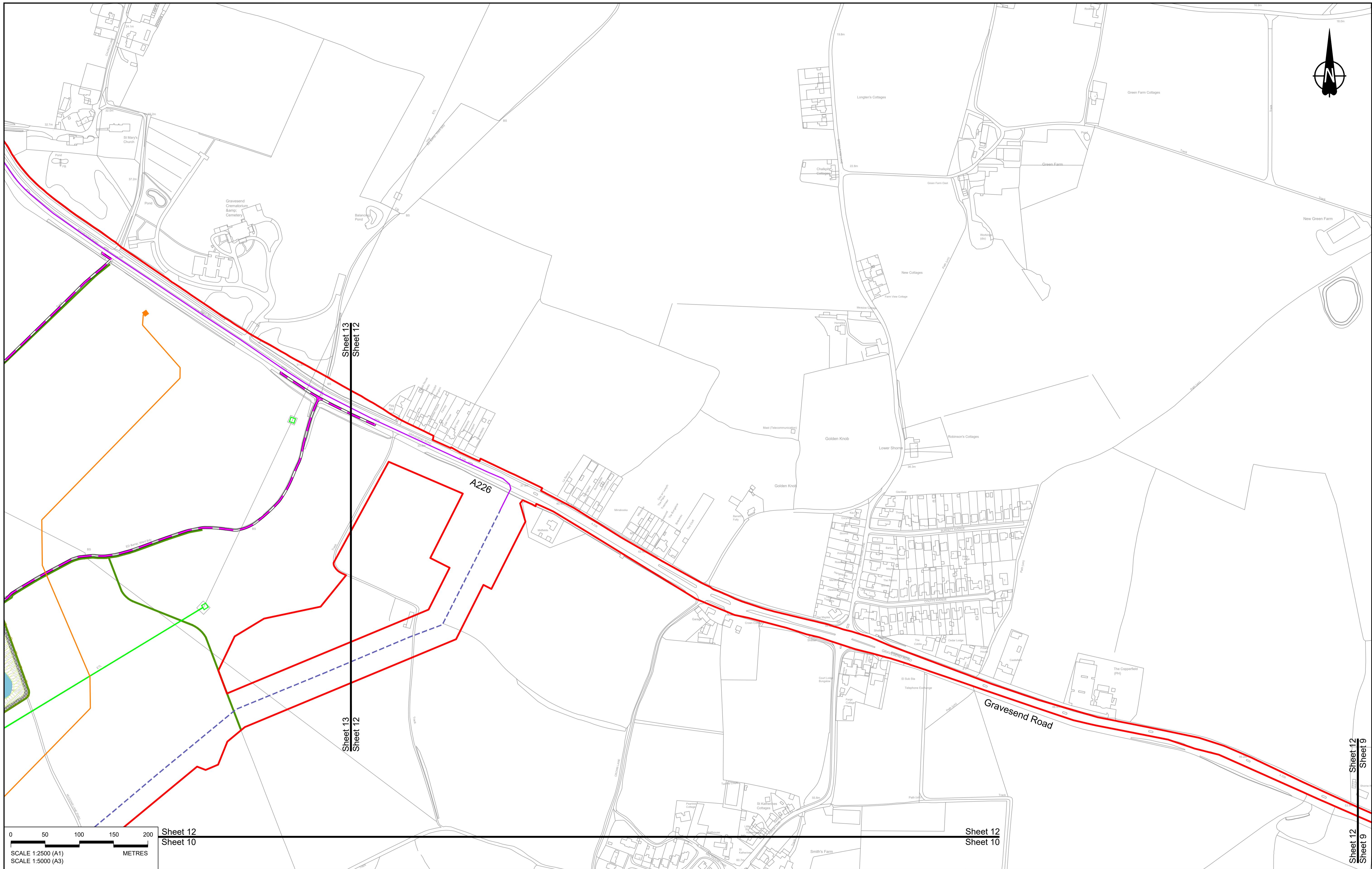
HE540039-CJV-BOP-SZZ\_GN000000\_DR-CX-10007



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NOTES:												Application Document Number		TR010032/APP/2.5		Scale	1:2500		
1. The proposed arrangement of the Scheme is illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).												Drawing title		GENERAL ARRANGEMENT					
2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).												Project		REGULATION 5(2)(o)					
3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.												Drawing Number		HE540039-CJV-BOP-SZZ_GN0000000_DR-CX-10008					
P01 S8 19/10/2022 DCO Application GP RO ASB Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd												Client		national highways					
PROPOSED ENGINEERING AND CONSTRUCTION												Project		LOWER THAMES CROSSING					
New carriageway Overbridge Underpass												Status		DCO Application		Original Size	A1	Revision	P01
PROPOSED UTILITIES												Application Document Number		TR010032/APP/2.5		Scale	1:2500		
Underground gas diversion Resigned or modified overhead electricity line Underground multiutility alignment Diversion ties into existing network Utility compound or substation												Drawing title		GENERAL ARRANGEMENT					
PROPOSED ENVIRONMENTAL WORKS												Project		REGULATION 5(2)(o)					
Flood Compensation Area Woodland planting Grassland planting Ecological habitat creation and receptor site for protected species Temporary ecological habitat Bat Barn structure Acoustic barrier Fencing												Drawing Number		HE540039-CJV-BOP-SZZ_GN0000000_DR-CX-10008					
Culvert Traffic sign Gantry Lighting Infiltration basin, detention basin or retention pond Walkway, cycling and horse-riding routes Green Roof for Tunnel Service Building Tunnel Underpass												Client		national highways					
Earthworks - Cutting Earthworks - Embankment Earthworks - False cutting and landscaping Verge Retaining wall Water pipe & self-regulating valve Tunnel access Car park Rendezvous point												Project		LOWER THAMES CROSSING					



GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 11										Status	DCO Examination	Original Size	Revision
										Application Document Number	TR010032/APP/2.5	Scale	1:2500
										Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 11		
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd							
P01	S8	19/10/2022	DCO Application	GP	RO	ASB							
P02	S8	24/08/2023	Deadline 3	GP	RO	ASB							
P03	S8	17/11/2023	Deadline 7	GP	RO	ASB							



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

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**BOUNDARIES**  
Order Limits  
Local Authority boundary  
Proposed replacement travellers site  
**PROPOSED ENGINEERING AND CONSTRUCTION**  
New carriageway  
Overbridge  
Underpass  
Culvert  
Traffic sign  
Gantry  
Lighting  
Infiltration basin, detention basin or retention pond  
Walkway, cycling and horse-riding routes  
Green Roof for Tunnel Service Building  
Tunnel  
Ground protection tunnel

**PROPOSED UTILITIES**  
Underground gas diversion  
Resigned or modified overhead electricity line  
Underground utility alignment  
Diversion ties into existing network  
**PROPOSED ENVIRONMENTAL WORKS**  
Earthworks - Cutting  
Earthworks - Embankment  
Earthworks - False cutting and landscaping  
Verge  
Retaining wall  
Water pipe & self-regulating valve  
Tunnel access  
Car park  
Rendezvous point  
Flood Compensation Area  
Open space provision  
Replacement open space or replacement common land  
Hedgerow  
Watercourse diversion  
Ecological habitat creation and receptor site for protected species  
Temporary ecological habitat  
Bat Barn structure  
Acoustic barrier  
Fencing  
Woodland planting  
Grassland planting  
Ecological pond

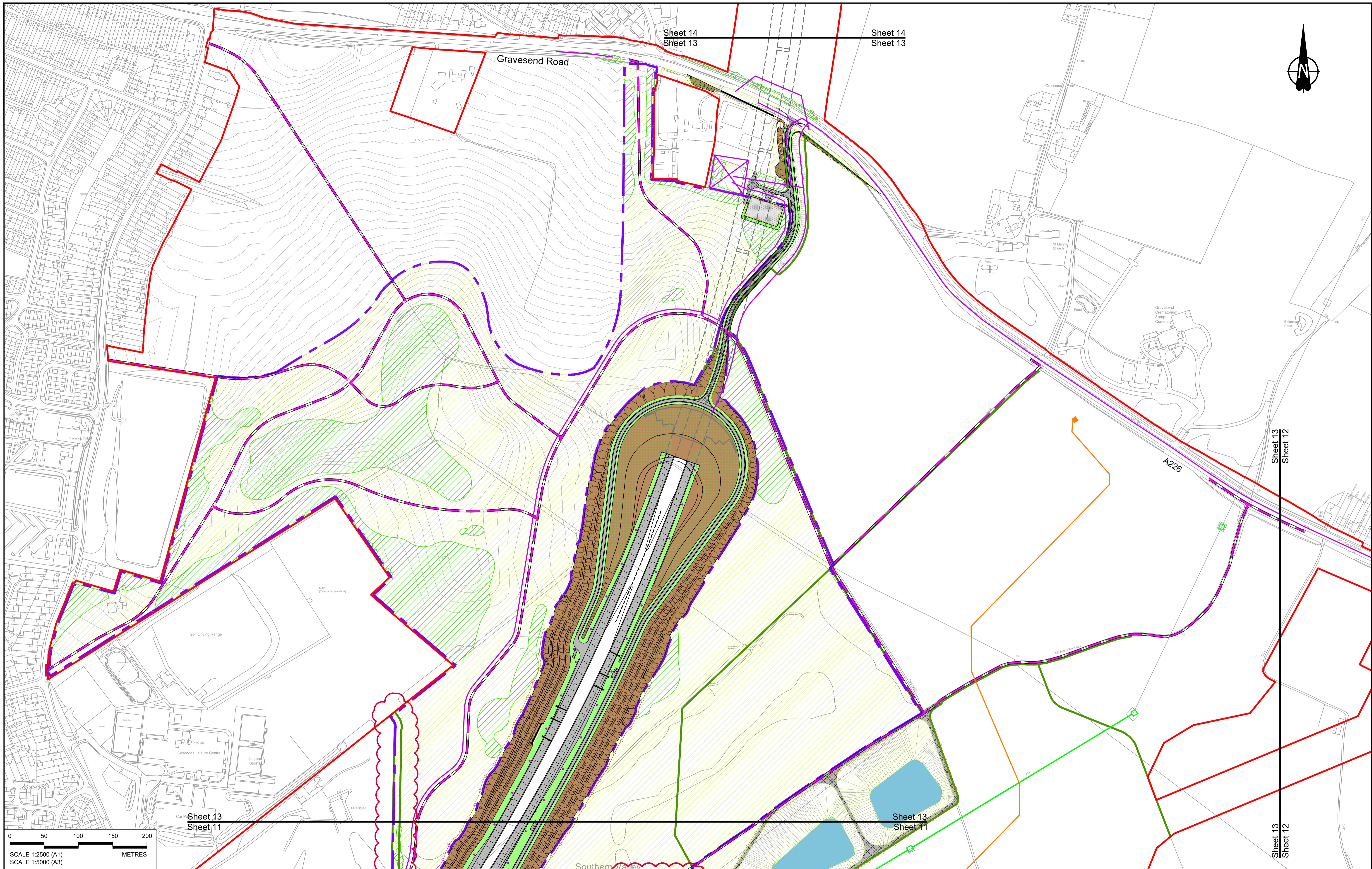
**Client**  
national highways  
**Project**  
LOWER THAMES CROSSING

**Status**  
DCO Application  
Application Document Number  
TR010032/APP/2.5  
Scale 1:2500  
Drawing title  
GENERAL ARRANGEMENT  
REGULATION 5(2)(o)  
SHEET 12

**Original Size**  
A1  
**Revision**  
P01

**Drawing Number**  
HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10057

HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10057



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**BOUNDARIES**  
Order Limits  
Local Authority boundary  
Proposed replacement travellers site

**PROPOSED ENGINEERING AND CONSTRUCTION**  
New carriageway  
Overbridge  
Underpass

Culvert  
Traffic sign  
Gantry  
Lighting  
Infiltration basin, detention basin or retention pond  
Bike/cycling and horse-riding routes  
Green Roof for Tunnel Service Building  
Tunnel  
Rendezvous point

**PROPOSED UTILITIES**  
Underground gas diversion  
Realigned or modified overhead electricity line  
Underground mobility alignment  
Division ties into existing network  
Maintenance access  
Car park  
Rendezvous point

**PROPOSED ENVIRONMENTAL WORKS**  
Flood Compensation Area  
Woodland planting  
Grassland planting  
Ecological habitat creation and receptor site for protected species  
Temporary ecological habitat  
Bat Barn structure  
Acoustic barrier  
Fencing

**Client**

**Status**  
DCO Application  
Application Document Number TR010032/APP/2.5  
Scale 1:2500

**Drawing title**  
GENERAL ARRANGEMENT REGULATION 5(2)(o)  
SHEET 13

**Project**  
LOWER THAMES CROSSING

**Drawing Number**  
HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10010

**Original Size**  
A1

**Revision**  
P02

**Scale**  
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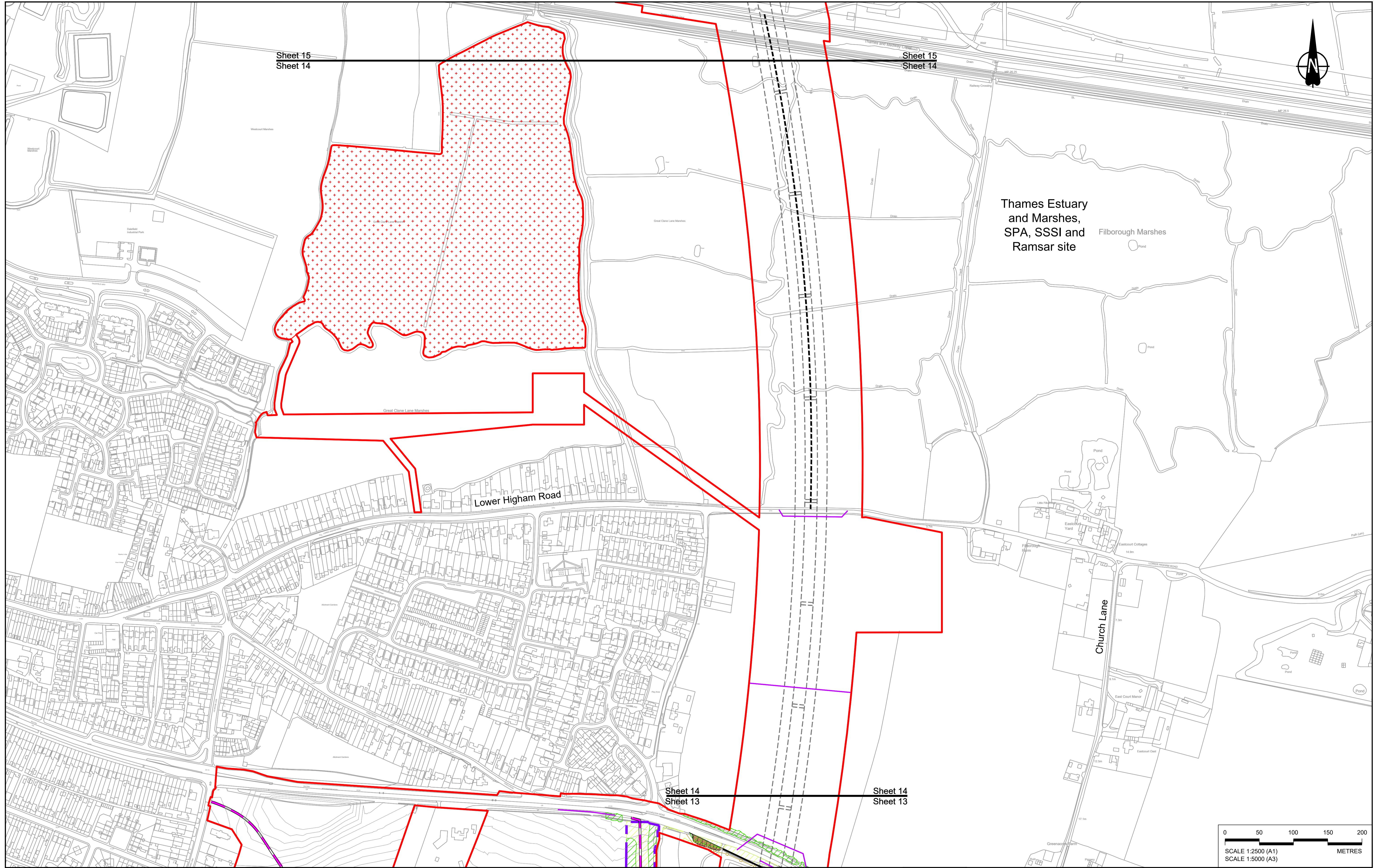
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**Deadline**  
19/10/2022

**Deadline**  
DCO Application

**Deadline**  
GP RO ASB



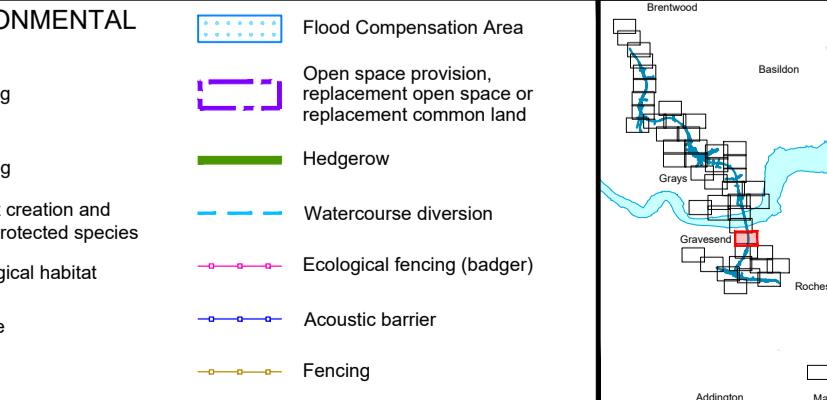
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

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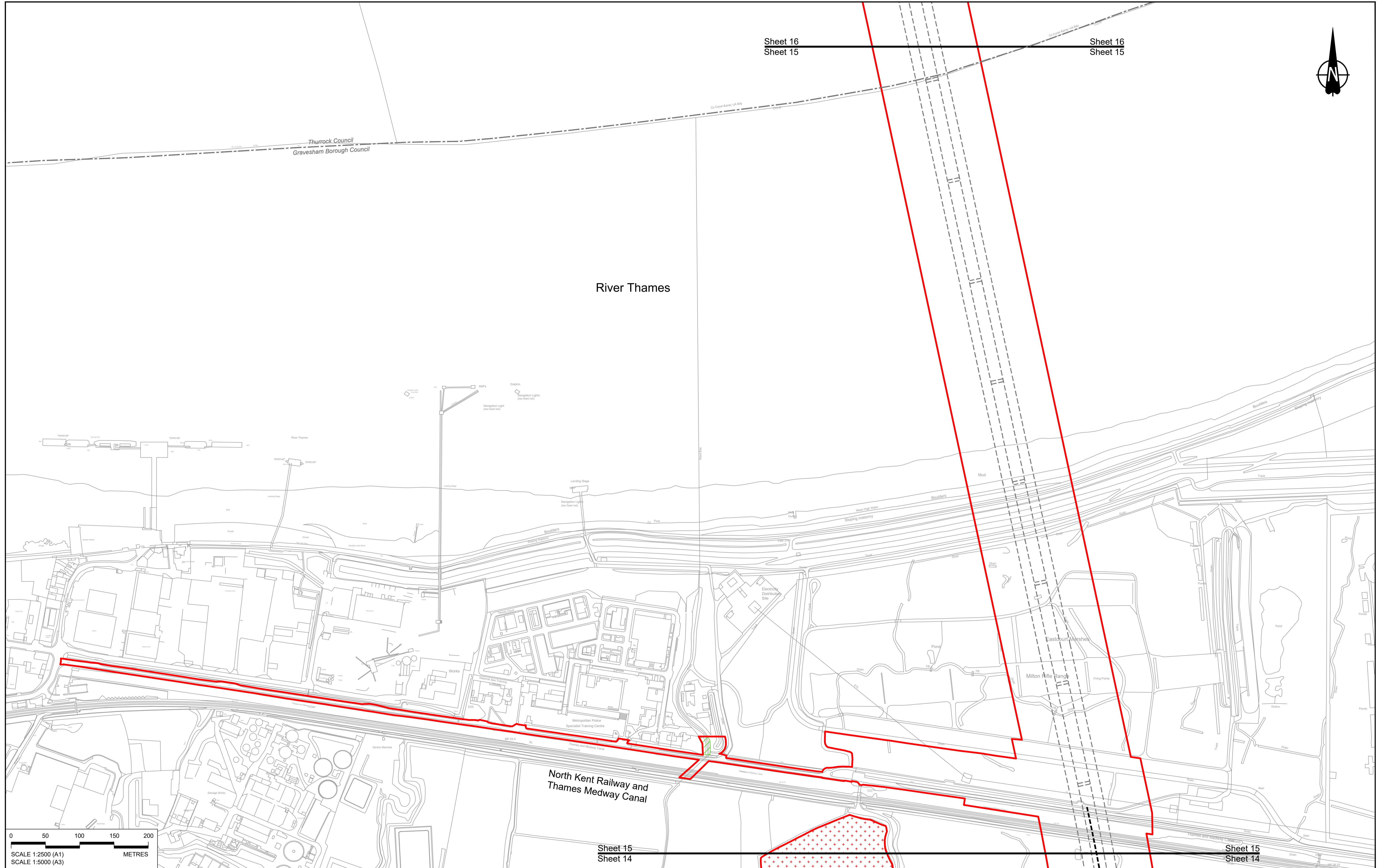
BOUNDARIES		PROPOSED UTILITIES		PROPOSED ENVIRONMENTAL WORKS	
Order Limits	Culvert	Earthworks - Cutting	Flood Compensation Area	Woodland planting	Client
Local Authority boundary	Traffic sign	Earthworks - Embankment	Open space provision, replacement open space or replacement common land	Grassland planting	<b>national highways</b>
Proposed replacement travellers site	Gantry	Underground gas diversion	Hedgerow	Ecological habitat creation and receptor site for protected species	Project
New carriageway	Lighting	Resigned or modified overhead electricity line	Watercourse diversion	Temporary ecological habitat	
Overbridge	Infiltration basin, detention basin or retention pond	Underground utility alignment	Ecological fencing (badger)	Bat Barn structure	
Underpass	Walkway, cycling and horse-riding routes	Diversion ties into existing network	Acoustic barrier	Ecological pond	
	Green Roof for Tunnel Service Building	Water pipe & self-regulating valve	Fencing		
	Tunnel	Maintenance access			
	Ground protection tunnel	Rendezvous point			

PROPOSED ENGINEERING AND CONSTRUCTION	
New carriageway	Culvert
Overbridge	Traffic sign
Underpass	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walkway, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel



**LOWER THAMES CROSSING**

**DCO Application**  
Application Document Number: TR010032/APP/2.5  
Scale: 1:2500  
Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o)  
Drawing Number: HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10011



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

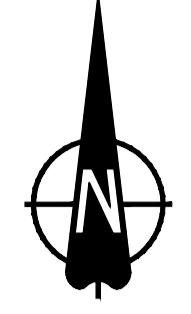
NOTES:  
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BOUNDARIES		PROPOSED ENGINEERING AND CONSTRUCTION		PROPOSED UTILITIES		PROPOSED ENVIRONMENTAL WORKS	
—	Order Limits	—	Culvert	—	Earthworks - Cutting	—	Flood Compensation Area
—	Local Authority boundary	—	Traffic sign	—	Earthworks - Embankment	—	Open space provision, replacement open space or replacement common land
—	Proposed replacement travellers site	—	Gantry	—	Earthworks - False cutting and landscaping	—	Hedgerow
—		—	Lighting	—	Verge	—	Grassland planting
—		—	Overbridge	—	Infiltration basin, detention basin or retention pond	—	Ecological habitat creation and receptor site for protected species
—		—	Underpass	—	Walkways, cycling and horse-riding routes	—	Temporary ecological habitat
—		—	New carriageway	—	Green Roof for Tunnel Service Building	—	Bat Barn structure
—		—	Proposed replacement travellers site	—	Tunnel Service Building	—	Acoustic barrier
—		—	Local Authority boundary	—	Underground utility alignment	—	Ecological pond
—		—	Order Limits	—	Resigned or modified overhead electricity line	—	Fencing
—		—		—	Underground gas diversion	—	
—		—		—	Diversion ties into existing network	—	
—		—		—	Retaining wall	—	
—		—		—	Water pipe & self-regulating valve	—	
—		—		—	Utility compound or substation	—	
—		—		—	Maintenance access	—	
—		—		—	Car park	—	
—		—		—	Rendezvous point	—	

Sheet 15  
Sheet 14

Sheet 16  
Sheet 15

Sheet 16  
Sheet 15



### River Thames

North Kent Railway and  
Thames Medway Canal

Sheet 15  
Sheet 14

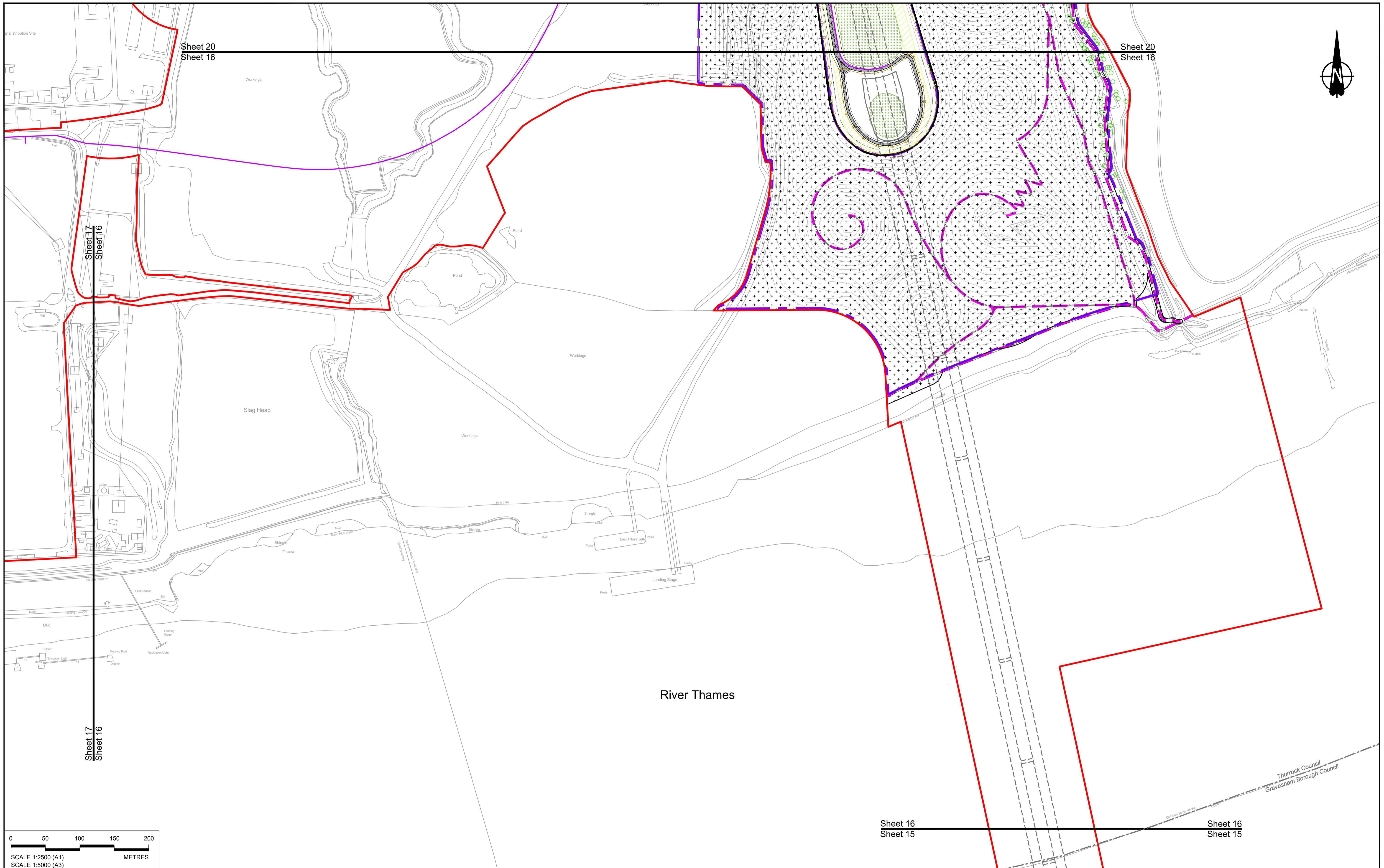
Sheet 15  
Sheet 14

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision P01
Application Document Number	TR010032/APP/2.5	Scale	1:2500	
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 15			
Drawing Number HE540039-CJV-BOP-SZZ_GN0000000_DR-CX-10012				



HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10012



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- NOTES:**

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  2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).
  3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

**BOUNDARIES**

- Order Limits
- Local Authority boundary
- Proposed replacement travellers site

**PROPOSED ENGINEERING AND CONSTRUCTION**

- New carriageway
- Overbridge
- Underpass

Cul.

Tran.

Gar.

Light

Infil.

bas.

Wat.

hors.

Gre.

Tur.

Turn.

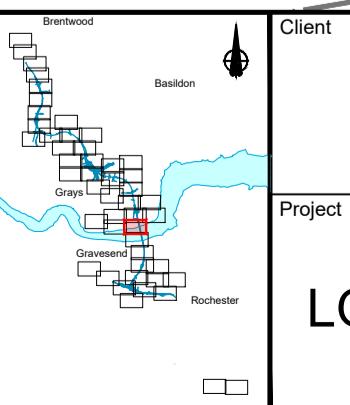
Gro.

The legend consists of eight entries, each with a small icon followed by a descriptive label:

- Earthworks - Cutting**: Represented by three brown pick-axe icons above a horizontal black line.
- Earthworks - Embankment**: Represented by three green pick-axe icons above a horizontal grey line.
- Earthworks - False cutting and landscaping**: Represented by three green pick-axe icons above a horizontal grey line with a green border.
- Verge**: Represented by a thick green horizontal line.
- Retaining wall**: Represented by a thick black horizontal line.
- Water pipe & self-regulating**: Represented by a thick pink horizontal line.
- Maintenance access**: Represented by a grey rectangle with a diagonal hatching pattern.
- Car park**: Represented by a grey rectangle divided into a grid of 15 smaller squares.
- Rendezvous point**: Represented by a grey rectangle divided into a grid of 16 smaller squares.

PROPOSED UTILITIES	PROPOSED WORKS
Underground gas diversion	
Realigned or modified overhead electricity line	Woodland
Underground multiutility alignment	Grassland
Diversion ties into existing network	Ecological receptors
Utility compound or substation	Temporal

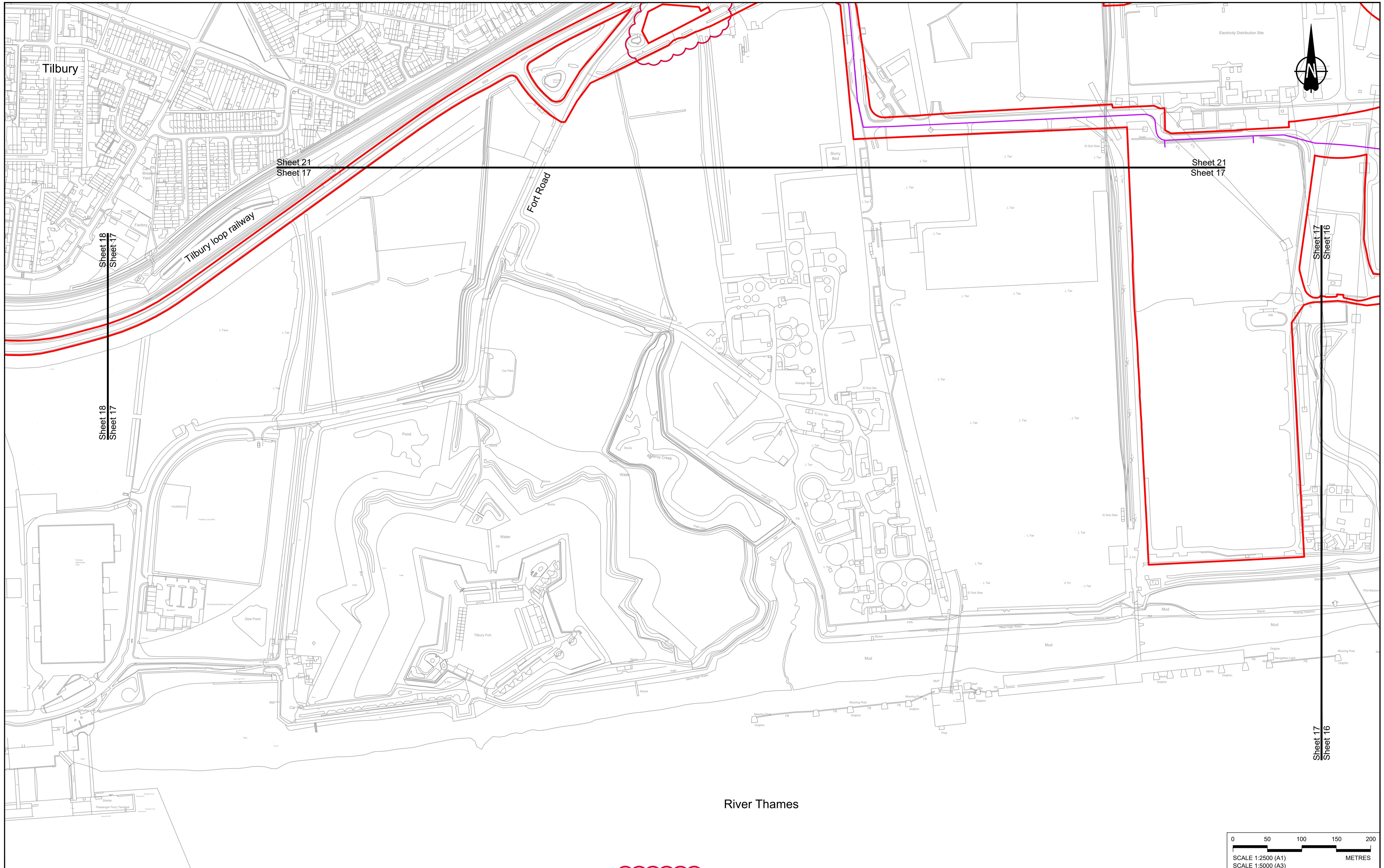
ENVIRONMENTAL		
planting		Flood Compensation Area
planting		Open space provision, replacement open space or replacement common land
habitat creation and site for protected species		Hedgerow
ecological habitat		Watercourse diversion
structure		Ecological fencing (badger)
pond		Acoustic barrier
		Fencing



 national  
highways

# WER THAMES CROSSING

Status	DCO Application	Original Size A1	Revision P01
Application Document Number	TR010032/APP/2.5	Scale 1:2500	
Drawing title	<p><b>GENERAL ARRANGEMENT</b></p> <p><b>REGULATION 5(2)(o)</b></p> <p><b>SHEET 16</b></p>		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_DR-CX-10013		



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**NOTES:**

1. The proposed arrangement of the Scheme is 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 the Development Consent Order (application document reference TR010032/APP/3.1).
3. For Environmental details refer to the Environmental Masterplan

## BOUNDARIES

1. The proposed arrangement of the Scheme is 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 the Development Consent Order (application document reference TR010032/APP/3).
  3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.2) and associated drawings and

2

- 

Culvert

- Traffic sign
  - Gantry
  - Lighting
  - Infiltration basin, detention basin or retention pond
  - Walking, cycling and horse-riding routes
  - Green Roof for

 Earthworks - Cutting

- The legend consists of five horizontal rows, each featuring a colored square followed by a symbol and its corresponding label. The colors are green, grey, green, black, and pink. The symbols are: a stylized tree or plant, a diagonal line with a cross, a small circle with a cross, a vertical line with a cross, and a wavy line.

Green	Earthworks - Embankm
Grey	Earthworks - False cut and landscaping
Green	Verge
Black	Retaining wall
Pink	Water pipe & self-regu

■ ■ ■ ■ Central reserve crossing point PROPOSED ENVIRONMENTAL WORKS

- PROPOSED UTILITIES**

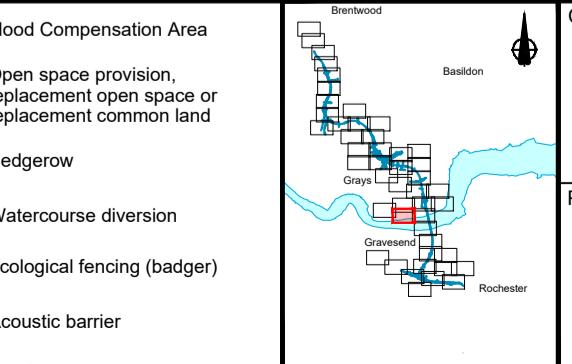
  - Underground gas diversion
  - Realigned or modified overhead electricity line
  - Underground multiutility alignment
  - Diversion ties into existing network
  - Utility compound or substation

**WORKS**

	Woodland planting
	Grassland planting
	Ecological habitat creation receptor site for protected
	Temporary ecological habitat
	Bat Barn structure

ENTAL

- 

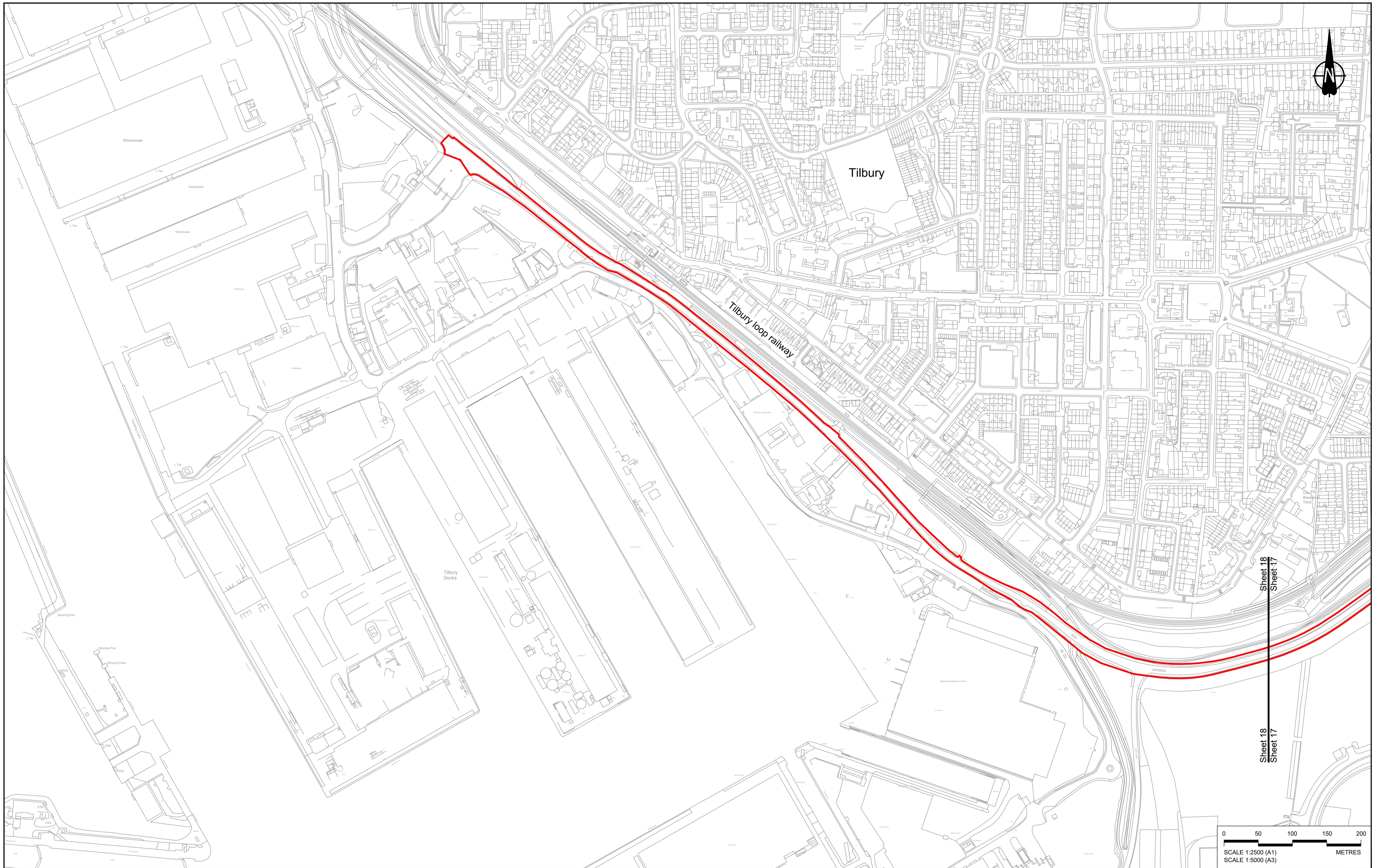


Client

## LOWER THAMES CROSSING

Document Number	DCO Application TR010032/APP/2.5	Original Size A1	Revision P02
		Scale 1:2500	

**GENERAL ARRANGEMENT  
REGULATION 5(2)(o)  
SHEET 17**



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**NOTES:**

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- These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/2.1).
- For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

**BOUNDRIES**  
 Order Limits  
 Local Authority boundary  
 Proposed replacement travellers sites

**PROPOSED ENGINEERING AND CONSTRUCTION**  
 New carriageway  
 Overbridge  
 Underpass  
 Tunnel

Culvert  
 Traffic sign  
 Gantry  
 Lighting  
 Infiltration basin, detention basin, retention pond  
 Walk-on, cycling and horse-riding routes  
 Water pipe & self-regulating valve  
 Green Roof for Tunnel Service Building  
 Maintenance access  
 Car park  
 Rendezvous point

Earthworks - Cutting  
 Earthworks - Embankment  
 Earthworks - False cutting and landscaping  
 Verge  
 Retaining wall  
 Tunnel

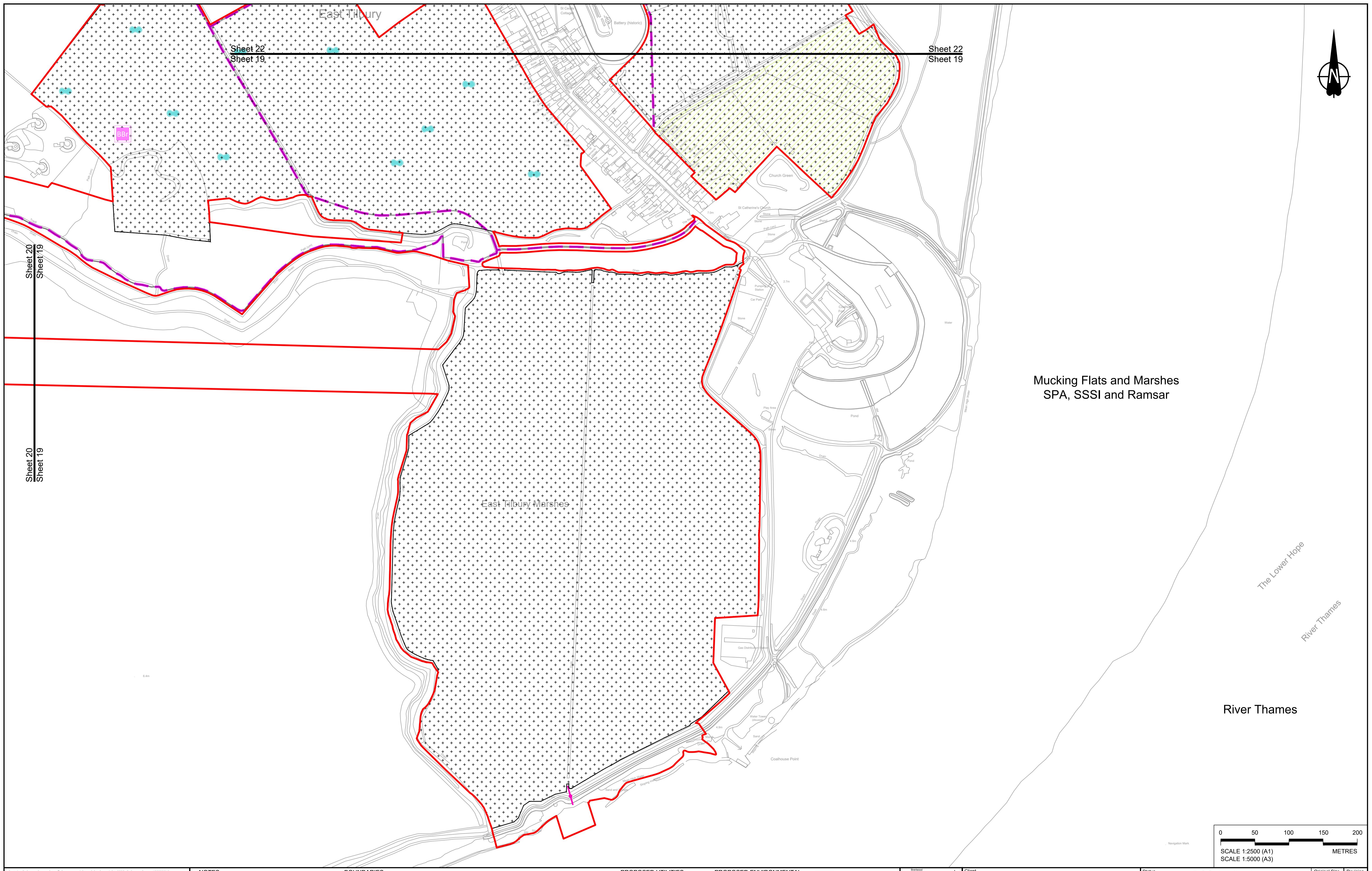
Underground gas diversion  
 Relocation or modified overhead electricity line  
 Underground utility alignment  
 Diversion ties into existing network  
 Utility compound or substation

Flood Compensation Area  
 Open space provision, replacement green spaces or replacement common land  
 Grassland planting  
 Hedgerow  
 Ecological habitat creation and receptor site for protected species  
 Temporary ecological habitat  
 Bat Barn structure  
 Ecological pond

Client  
 Project  
 LOWER THAMES CROSSING

national highways

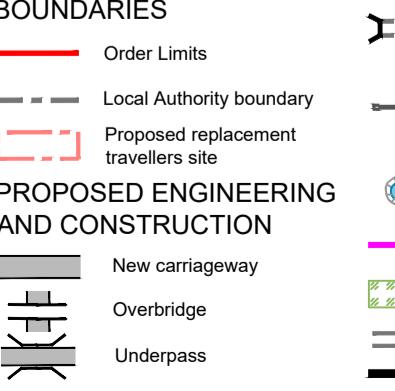
**DCO Application**  
 Application Document Number: TR010032/APP/2.5  
 Scale: 1:2500  
 Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o)  
 Drawing Number: HE540039-CJV-BOP-SZZ\_GN0000000\_DR-CX-10015  
 Original Size: A1  
 Revision: P01



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

**NOTES:**

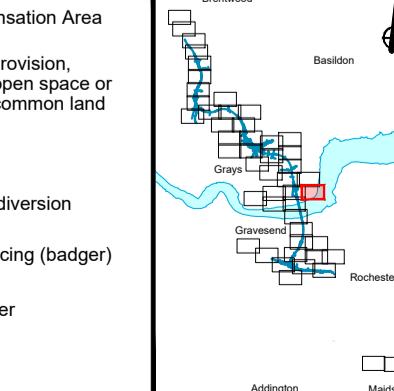
1. The proposed arrangement of the Scheme is illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
2. These plans should be read in conjunction with the Development Consent Order (application document reference TR010032/APP/3.1).
3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.



**PROPOSED UTILITIES**

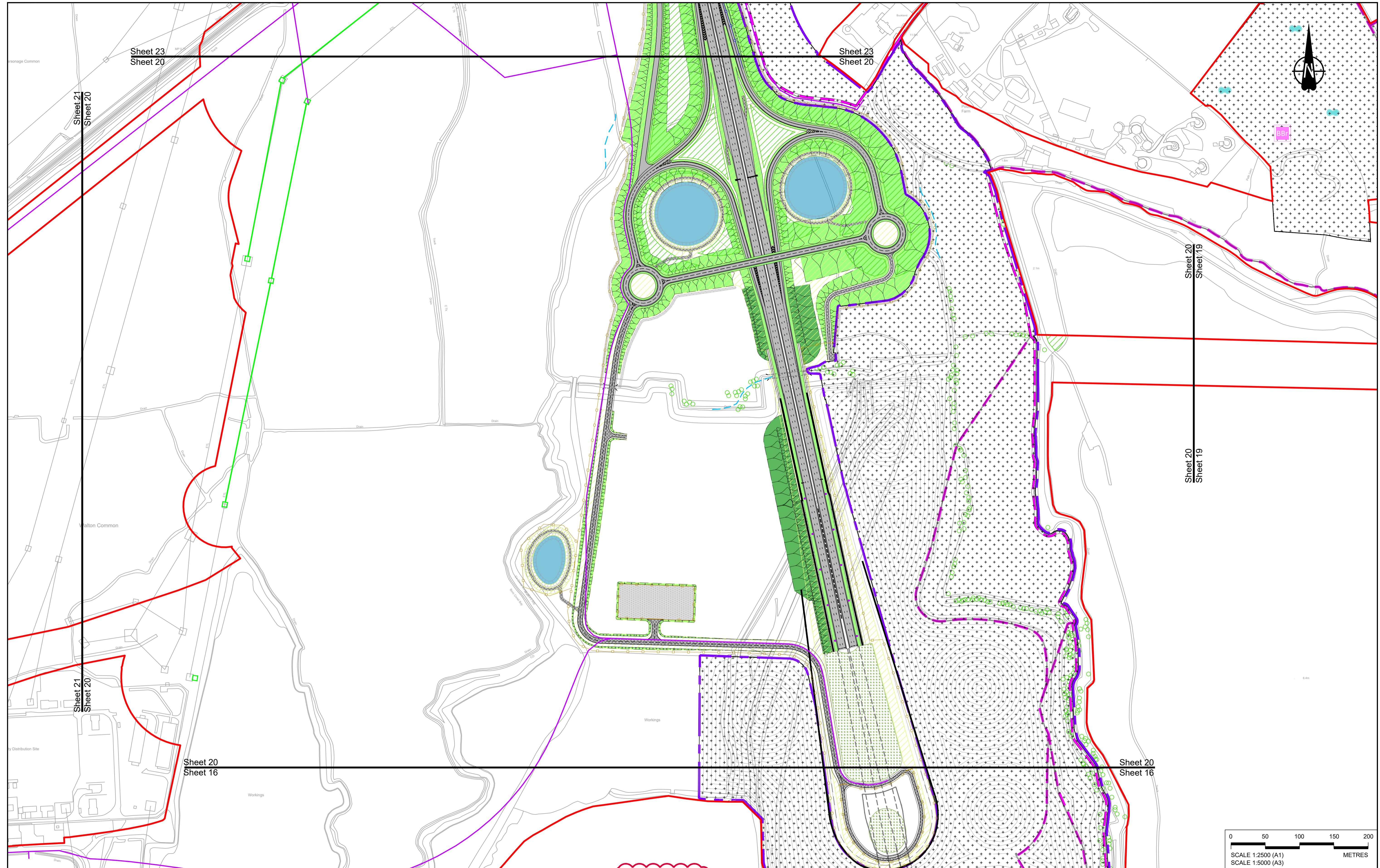
- Cutting**: Orange bar symbol.
- embankment**: Green bar symbol.
- False cutting**: Purple bar symbol.
- g**: Orange square symbol.
- Self-regulating valve**: Purple X symbol.
- Access**: Red square symbol.
- Underground gas diversion**: Orange bar symbol.
- Realigned or modified overhead electricity line**: Green bar symbol.
- Underground multiutility alignment**: Purple bar symbol.
- Diversion ties into existing network**: Orange square symbol.
- Utility compound or substation**: Purple X symbol.

	Flood Compaction
	Open space protection replacement conversion replacement
	Hedgerow
	Watercourse
	Ecological fence
	Acoustic barrier
	Woodland planting
	Grassland planting
	Ecological habitat creation and receptor site for protected species
	Temporary ecological habitat
	Bat Barn structure



# LOWER THAMES CROSSING

Status	DCO Application	Original Size A1	Revision P01
Application Document Number	TR010032/APP/2.5	Scale 1:2500	
Drawing title	<h1 style="text-align: center;">GENERAL ARRANGEMENT</h1> <h2 style="text-align: center;">REGULATION 5(2)(o)</h2> <h3 style="text-align: center;">SHEET 19</h3>		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_DR-CX-10016		



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The arrangement of the Scheme is illustrative only and will change as part of detailed design development. Any be limited to being within the constraints included in the Consent Order (application document reference APP/3.1).  
should be read in conjunction with the Development Order (application document reference TR010032/APP/3.1).  
ental details refer to the Environmental Masterplan document reference TR010032/APP/6, Fig 3.4) and

- Order Limits
- Local Authority boundary
- Proposed replacement travellers site

**PROPOSED ENGINEERING  
AND CONSTRUCTION**

Culvert

Traffic sign

Gantry

Lighting

Infiltration basin, detention basin or retention pond

Walking, cycling and

The legend includes the following entries:

- Earthworks - Cutting: A symbol of two crossed pickaxes.
- Earthworks - Embankment: A symbol of a spade digging into the ground.
- Earthworks - False cutting and landscaping: A symbol of a pickaxe and a shovel.
- Verge: A symbol of a green horizontal bar.
- Retaining wall: A symbol of a thick black horizontal bar.
- PROPOSED: A red cloud-like shape containing a dashed black line symbol.

Central reserve crossing point

## PROPOSED ENVIRONMENTAL WORKS

- Woodland planting
- Grassland planting
- Ecological habitat receptor site for
- Underground multiutility
- Realigned or modified overhead electricity line
- Underground gas diversion
- WOOD UTILITIES

	Flood Compensation Area
	Open space provision, replacement open space replacement common land
	Hedgerow
	Watercourse diversion

The map shows the River Thames flowing through Essex and Kent. Key locations labeled include Brentwood, Basildon, Grays, and Gravesend. A red box highlights a specific area near Grays, and a red arrow points from this area towards the 'Project' label on the right.



**national  
highways**

	Status	D
	Application Document Number	TR
	Drawing title	GENERAL RECORD

CO Application 010032/APP/2.5	Original Size A1
	Scale 1

ze Revision  
P02

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