



Lower Thames Crossing

2.5 General Arrangement Plans

Volume C (sheets 21 to 49)

(Tracked changes version)

APFP Regulation 5(2)(o)

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

Volume 2

DATE: September, 2023

DEADLINE: 4

Deleted: August

Deleted: 3

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

VERSION: 3.0

Deleted: 2

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

Lower Thames Crossing

2.5 General Arrangement Plans

Volume C (sheets 21 to 49)

(Tracked changes version)

List of contents

	Page number
1 Introduction	1
2 Schedule of Plans included in this application document	4

Deleted: 2.5 General Arrangement Plans
Volume C (sheets 21 to 49)
(Clean version)*

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.

Deleted: high voltage electricity cables

Deleted: and

Deleted: - and medium-

- 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 \[PD-031\].](#)

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	P03
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	P01
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	P02

Deleted: P02

Deleted: P01

Deleted: P01

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	P01
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	P01
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	P01
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 21	TR010032/APP/2.5	P01
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

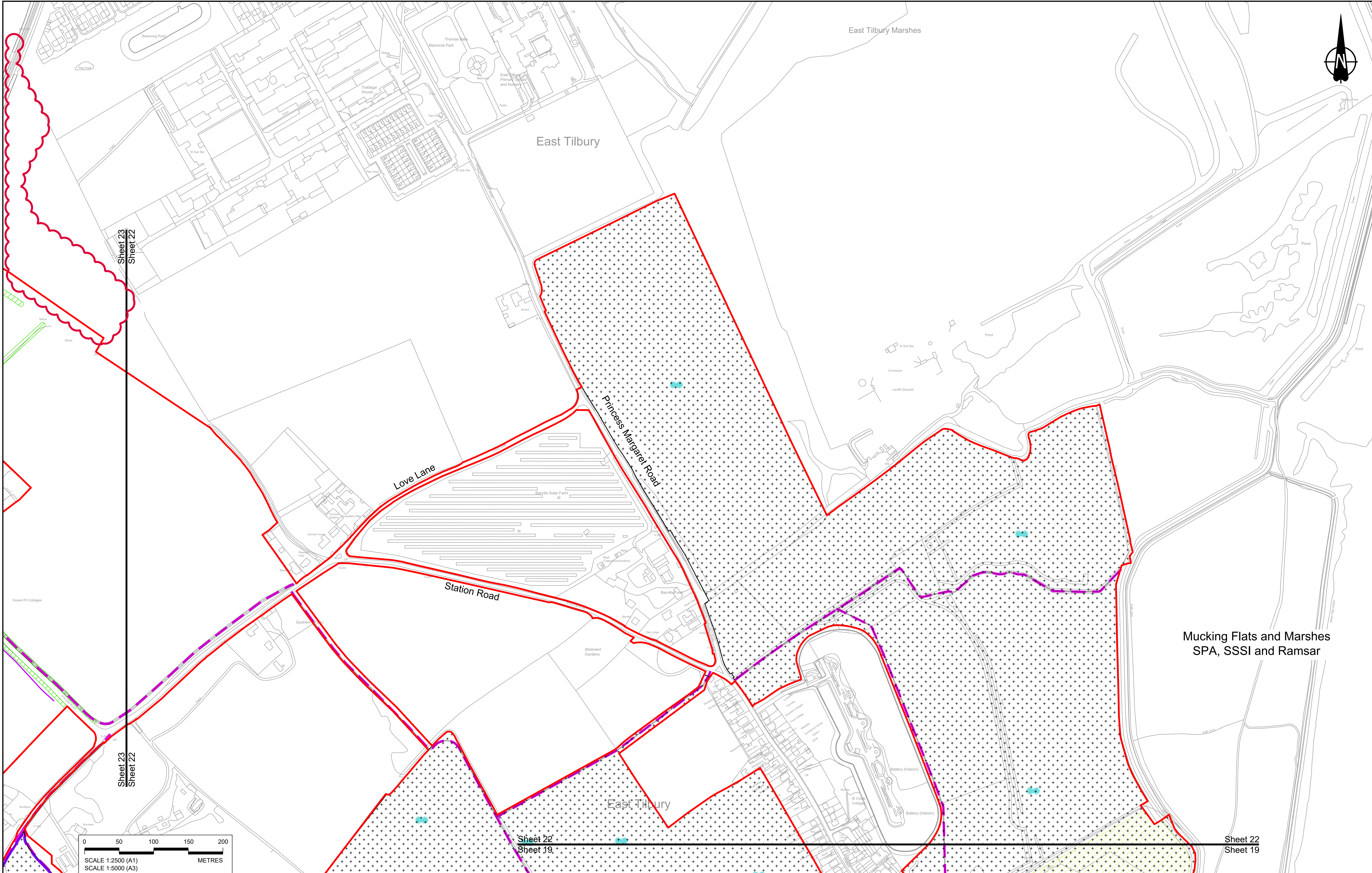
Deleted: P01

Deleted: P02

Deleted: P01

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



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	19/10/2022	DCO Application	GP	RO	ASB
P02	S8	19/09/2023	Deadline 4	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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/8.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/8.2 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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED UTILITIES

Underground gas diversion

Reassigned 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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

Project

LOWER THAMES CROSSING

Status

DCO Examination

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 22

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10019

Original Size

A1

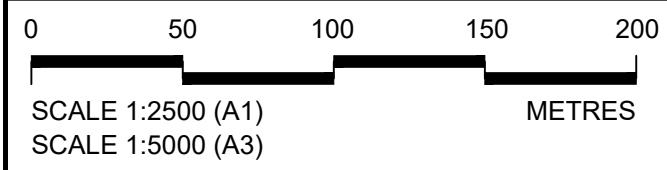
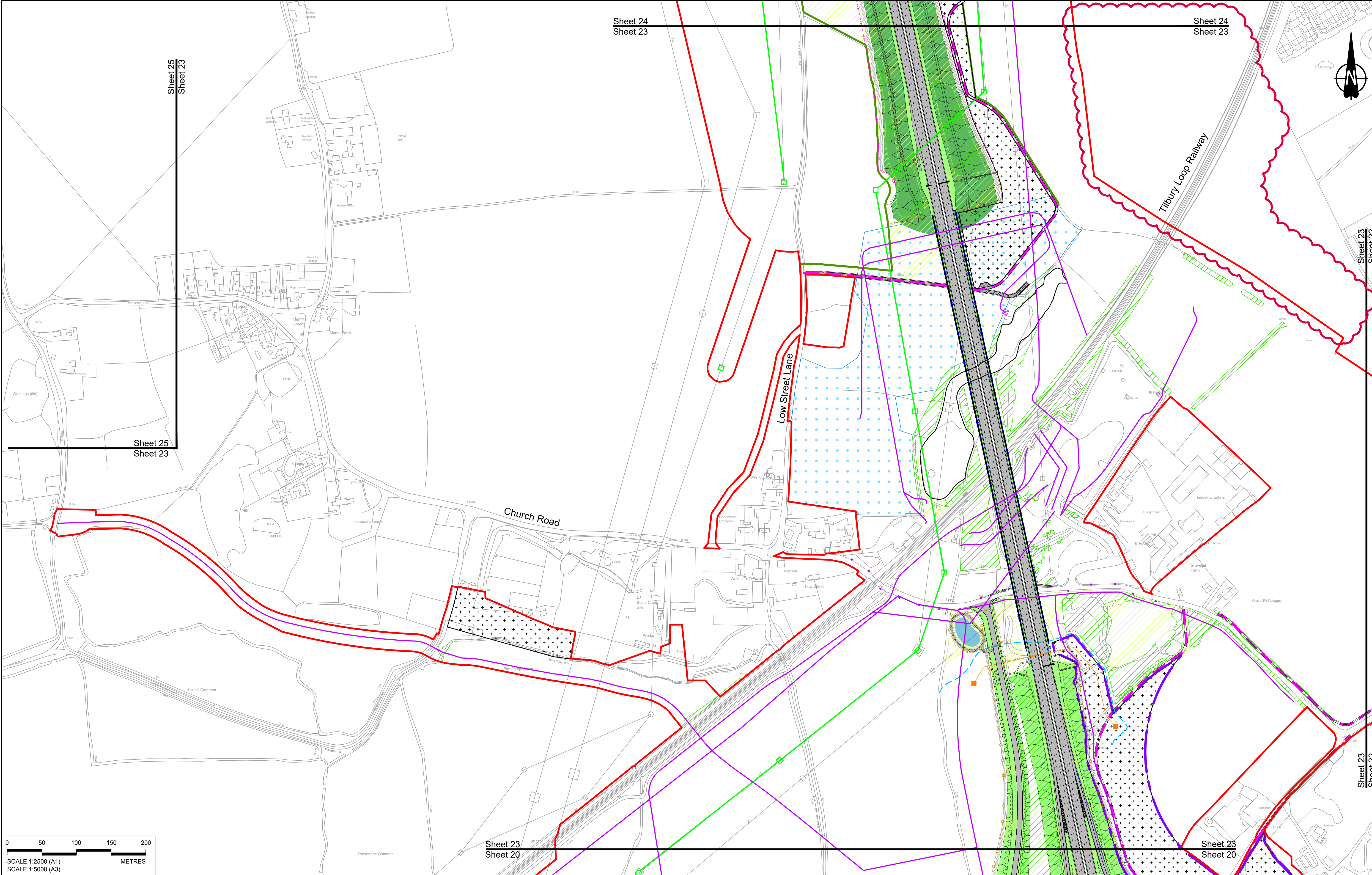
Revision

P02

Scale

1:2500

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10019.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
P02	S8	24/08/2023	Deadline 3	GP	RO	ASB
P03	S8	19/09/2023	Deadline 4	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

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

PROPOSED UTILITIES

- 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

PROPOSED ENVIRONMENTAL WORKS

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Maintenance access
- Car park
- Rendezvous point

PROPOSED UTILITIES

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multiutility alignment
- Diversion ties into existing network
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Woodland planting
- Grassland planting
- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

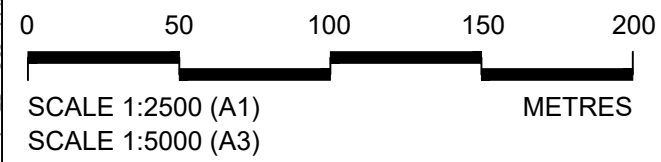
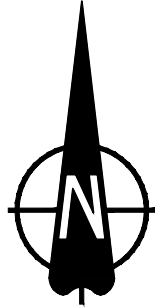
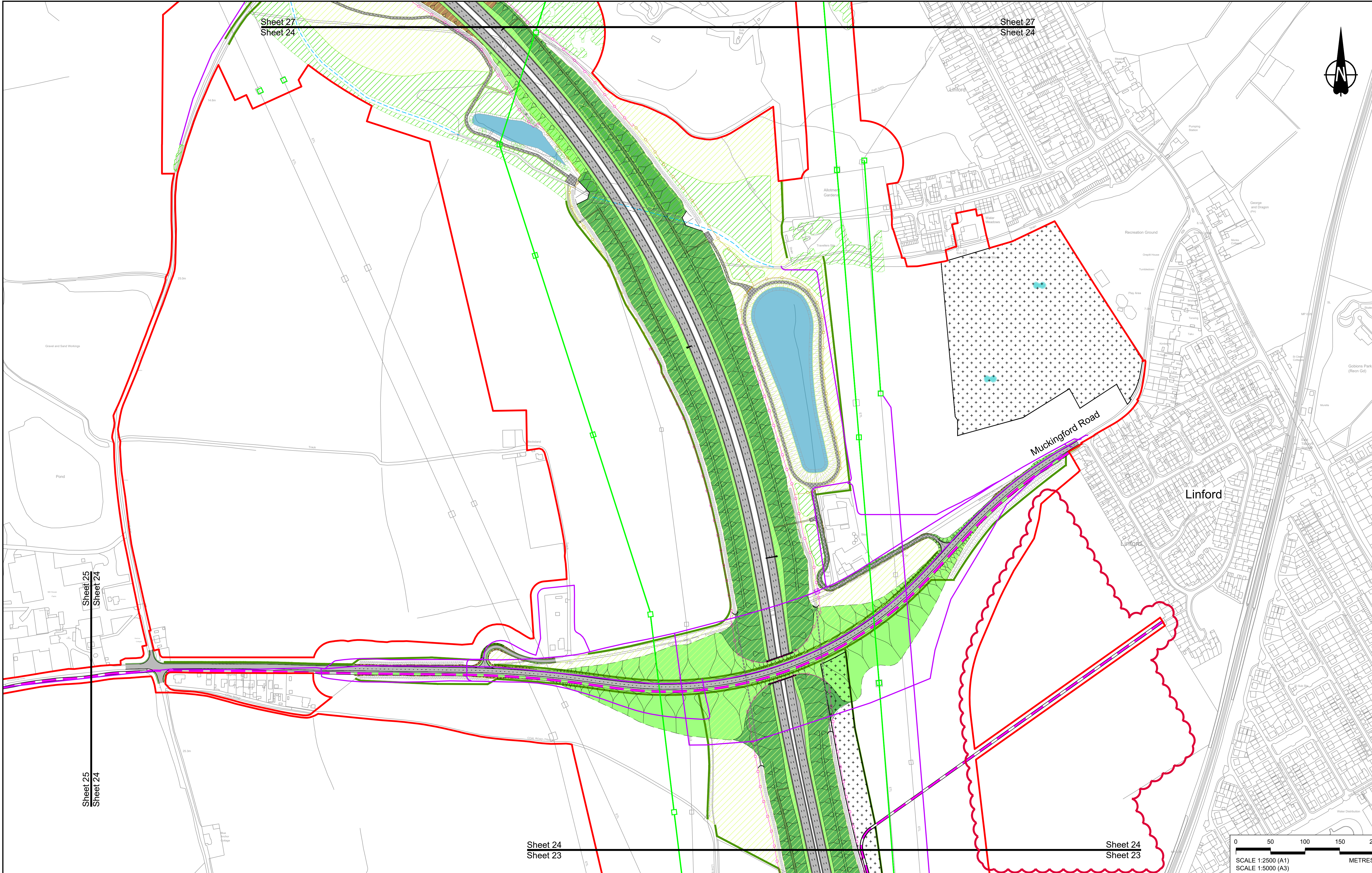
- Flood Compensation Area
- Open space provision, replacement open space or replacement common land
- Hedgerow
- Watercourse diversion
- Ecological fencing (badger)
- Acoustic barrier
- Fencing

Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P03
Application Document Number	TR010032/APP/2.5	Scale	1:2500		
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 23				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10020				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
P02	S8	19/09/2023	Deadline 4	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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.

BOUNDARIES	
	Order Limits
	Local Authority boundary
	Proposed replacement travellers site
PROPOSED ENGINEERING AND CONSTRUCTION	
	New carriageway
	Overbridge
	Underpass

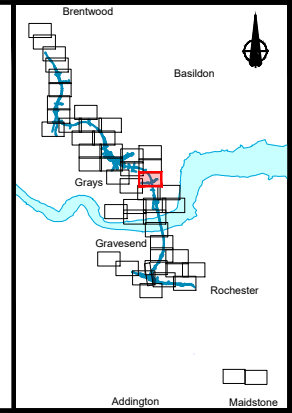
	Culvert
	Traffic sign
	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

	Earthworks - Cutting
	Earthworks - Embankment
	Earthworks - False cutting and landscaping
	Verge
	Retaining wall
	Water pipe & self-regulating valve
	Maintenance access
	Car park
	Rendezvous point

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
	Bat Barn structure
	Ecological pond

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

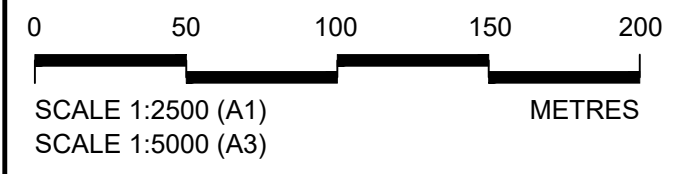
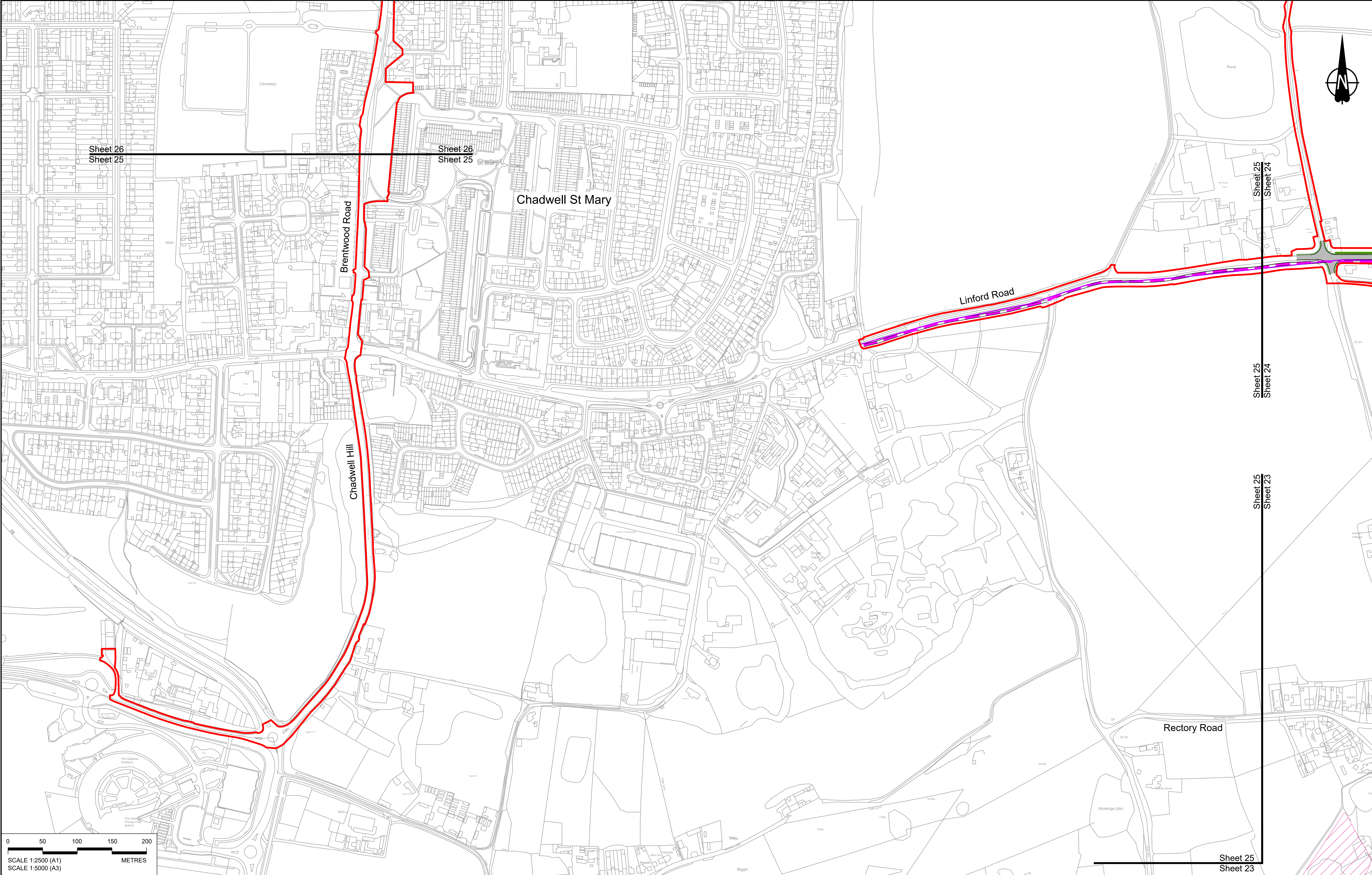


Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/2.5	Scale	1:2500		
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 24				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10021				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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.

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

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
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

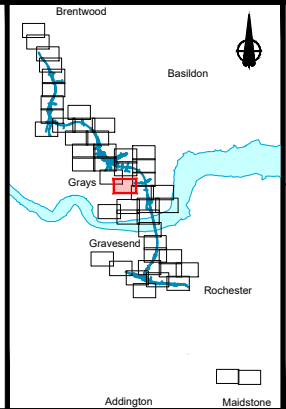
PROPOSED UTILITIES

	Underground gas diversion
	Reassigned 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
	Bat Barn structure
	Ecological pond

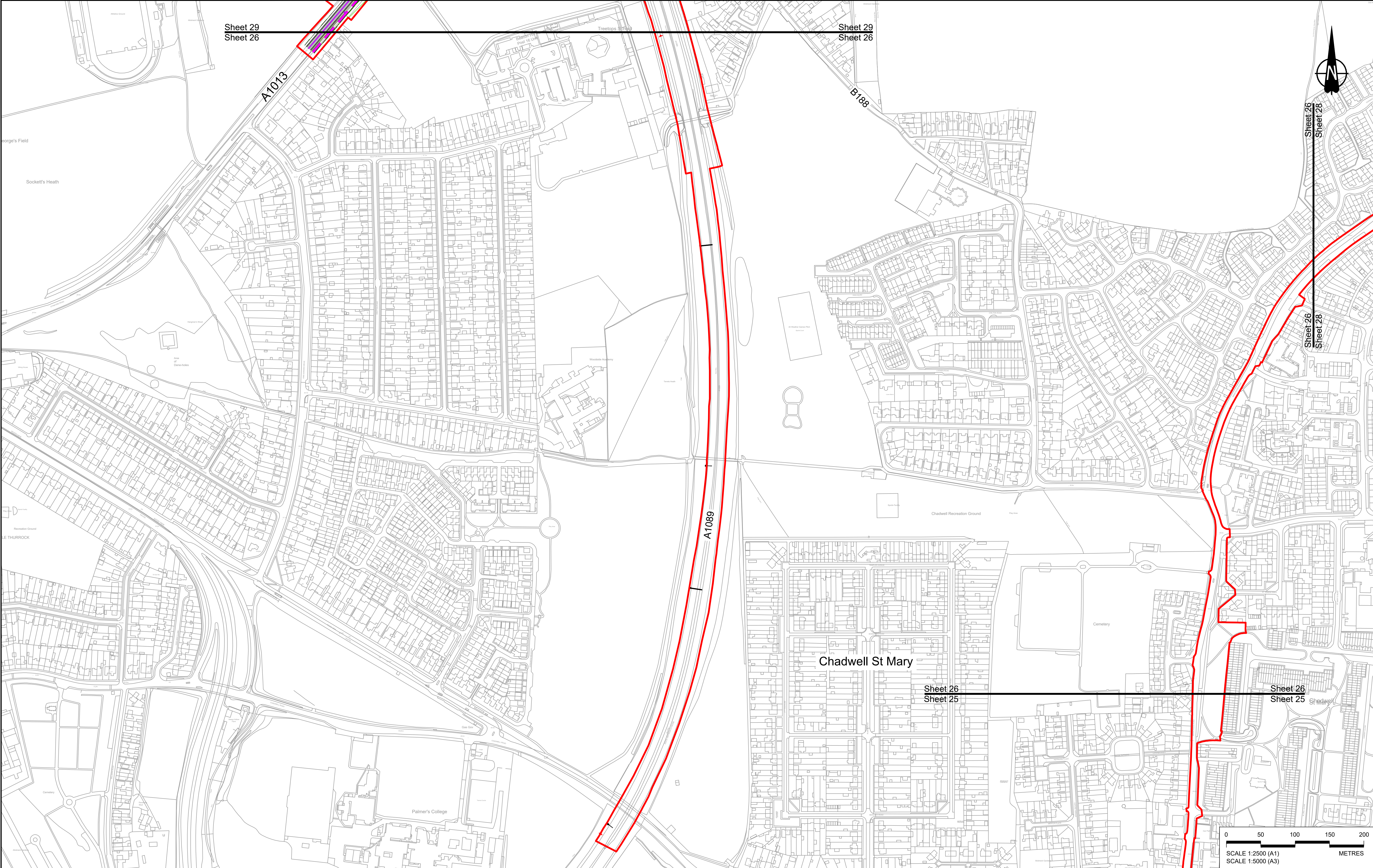
	Flood Compensation Area
	Open space provision, replacement open space or replacement common land
	Hedgerow
	Watercourse diversion
	Ecological fencing (badger)
	Acoustic barrier
	Fencing



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	P01
Application Document Number	TR010032/APP/2.5	Scale	1:2500
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 25		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10022		



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
P01	SB	19/10/2022	DCO Application	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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.

BOUNDARIES	
	Order Limits
	Local Authority boundary
	Proposed replacement travellers site
PROPOSED ENGINEERING AND CONSTRUCTION	
	New carriageway
	Overbridge
	Underpass

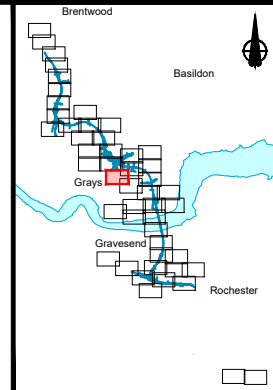
	Culvert
	Traffic sign
	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

	Earthworks - Cutting
	Earthworks - Embankment
	Earthworks - False cutting and landscaping
	Verge
	Retaining wall
	Water pipe & self-regulating valve
	Maintenance access
	Car park
	Rendezvous point

PROPOSED UTILITIES	
	Underground gas diversion
	Reassigned 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
	Bat Barn structure
	Ecological pond

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



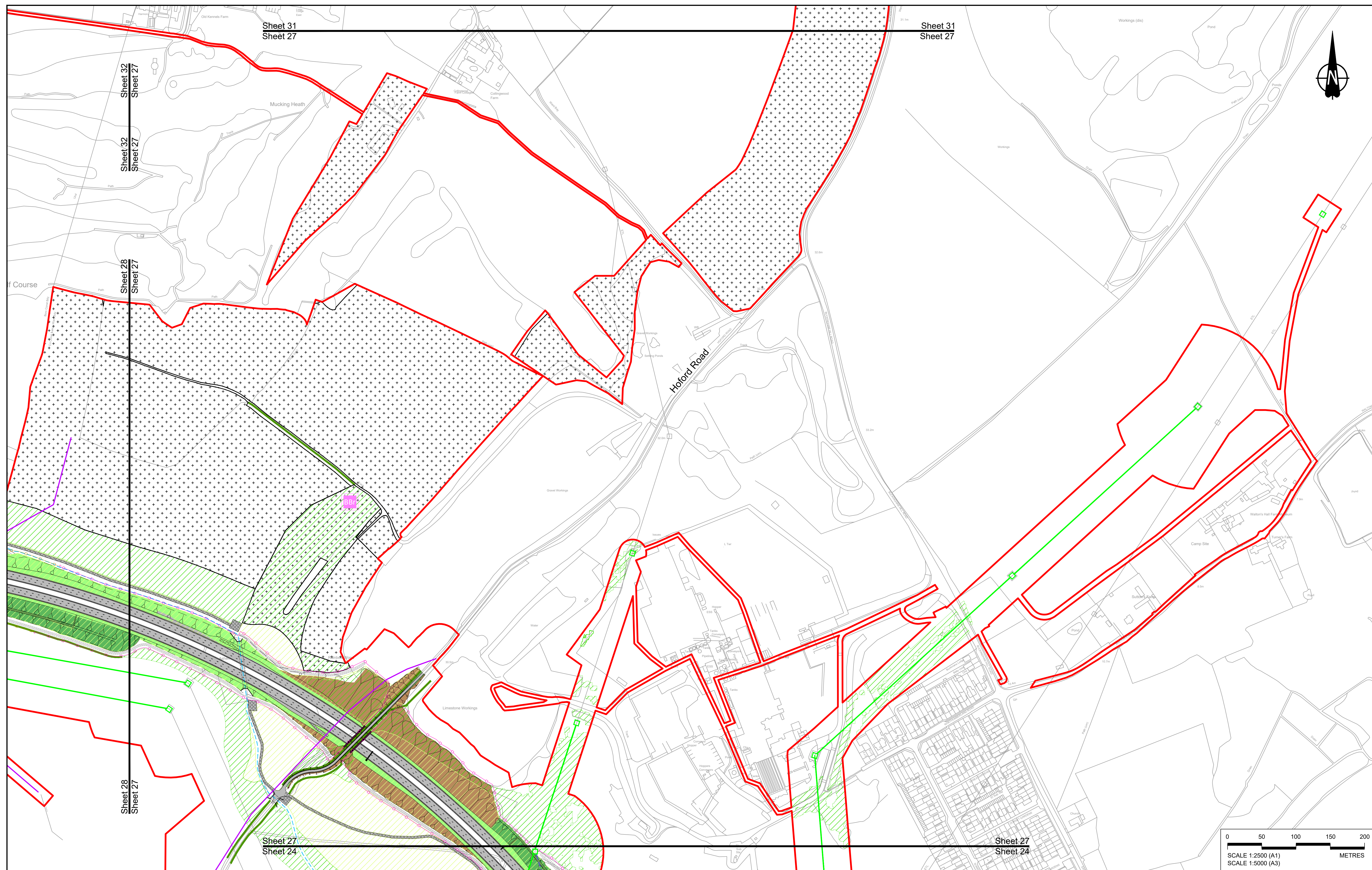


Client

Project

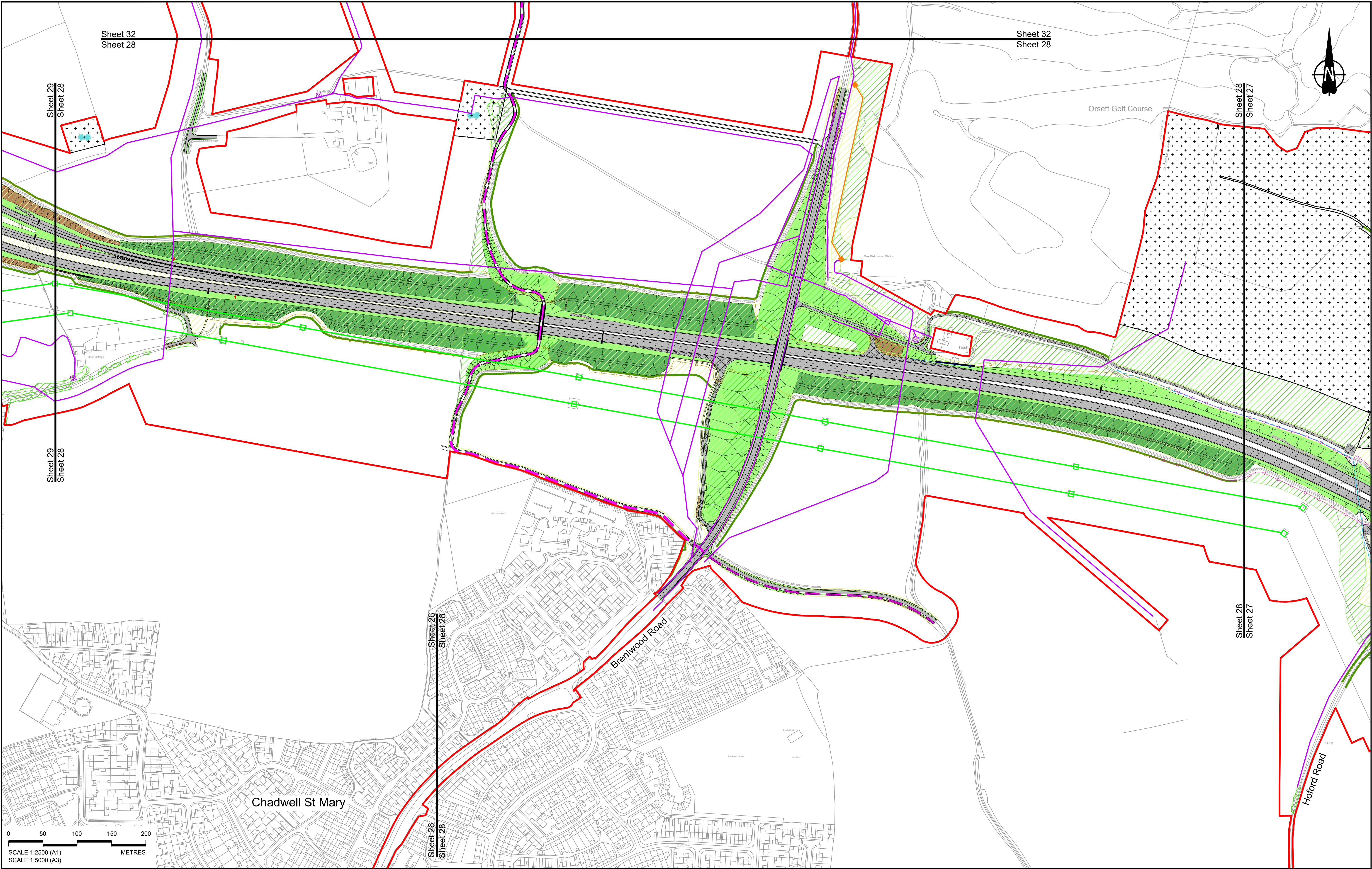
LOWER THAMES CROSSING

Status	DCO Application	Original Size	P01
Application Document Number	TR010032/APP/2.5	Scale	1:2500
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 26		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10023		



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
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						
PROPOSED UTILITIES - Underground gas diversion - Realigned or modified overhead electricity line - Underground multutility alignment - Diversion ties into existing underground - Utility compound or substation						
PROPOSED ENVIRONMENTAL WORKS - Woodland planting - Grassland planting - Ecological habitat creation and receptor sites for protected species - Temporary ecological habitat - Bat Barn structure - Ecological pond						
Flood Compensation Area - Open space provision, replacement open space or replacement common land - Hedgerow - Watercourse diversion - Ecological fencing (badger) - Acoustic barrier - Fencing						
Client: national highways Project: LOWER THAMES CROSSING						
Status: DCO Application Application Document Number: TR010032/APP/2.5 Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 27 Drawing Number: HE540039-CJV-BOP-SZZ GN000000 -DR-CX-10024						
Original Size: A1 Revision: P01 Scale: 1:2500						
Rev: P01 Status: S8 Rev. Date: 19/10/2022 Purpose of revision: DCO Application Drawn: GP Chk'd: RO Appr'd: ASB						

HE540039-CJV-BOP-SZZ GN000000 -DR-CX-10024.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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

BOUNDARIES

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

PROPOSED ENGINEERING AND CONSTRUCTION

- New carriageway
- Overbridge
- Underpass

PROPOSED UTILITIES

- Culvert
- Traffic sign
- Gantry
- Lighting
- Infiltration basin, detention basin or retention pond
- Walking, cycling and horse-riding routes
- Green Road for Tunnel Service Building
- Tunnel
- Ground protection tunnel

PROPOSED ENVIRONMENTAL WORKS

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Maintenance access
- Car park
- Rendezvous point

PROPOSED UTILITIES

- Underground gas diversion
- Resigned 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
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

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

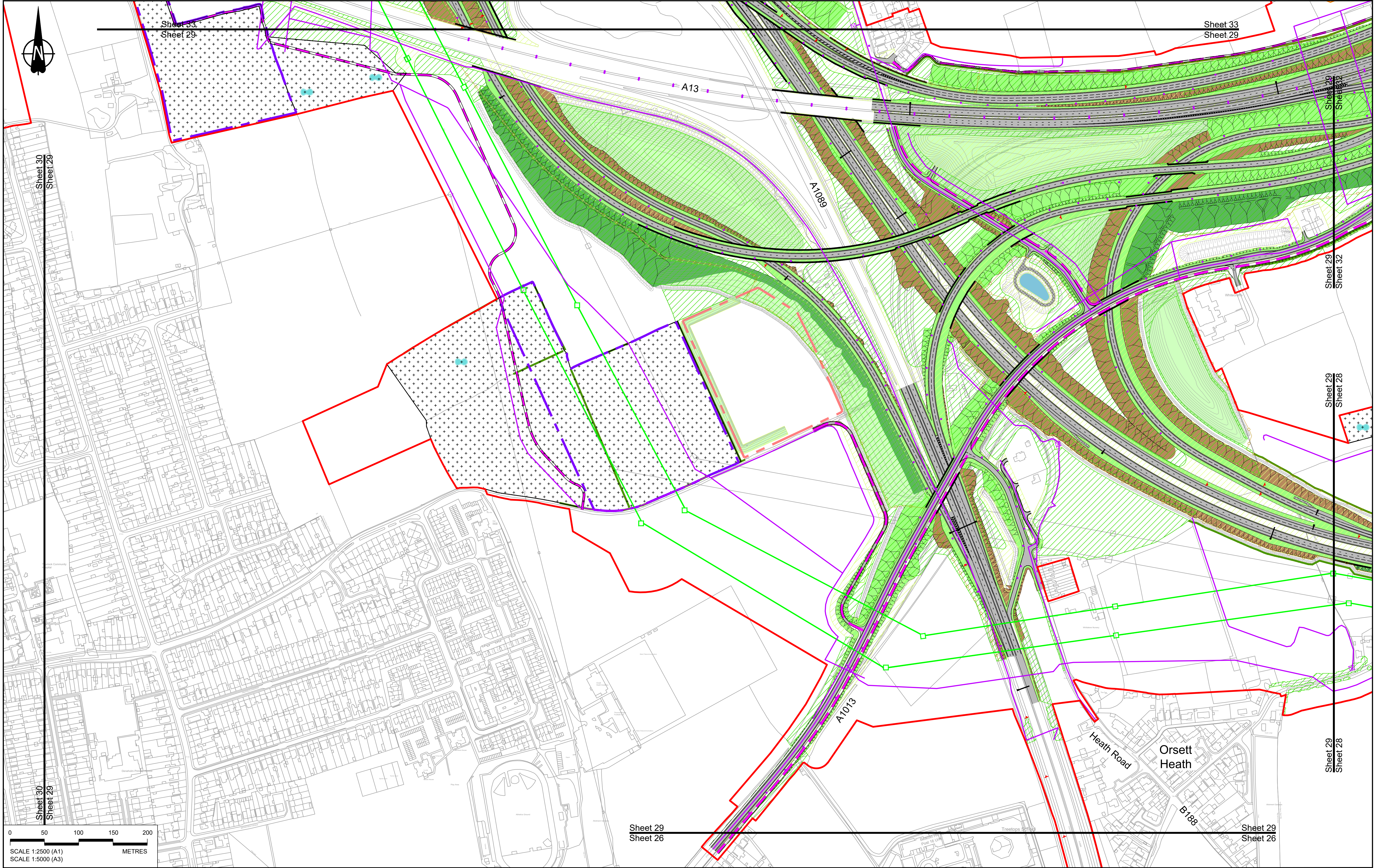
Client

Project

national highways

LOWER THAMES CROSSING

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.5	A1	P01
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 28		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10025		



050100150200

SCALE 1:2500 (A1)

SCALE 1:5000 (A3)

METRES

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.4) 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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED UTILITIES

Underground gas diversion

Resigned 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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

national highways

Project

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 29

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10026

Original Size

A1

Revision

P01

Scale

1:2500

P01

S8

19/10/2022

DCO Application

GP

RO

ASB

Rev

Status

Rev. Date

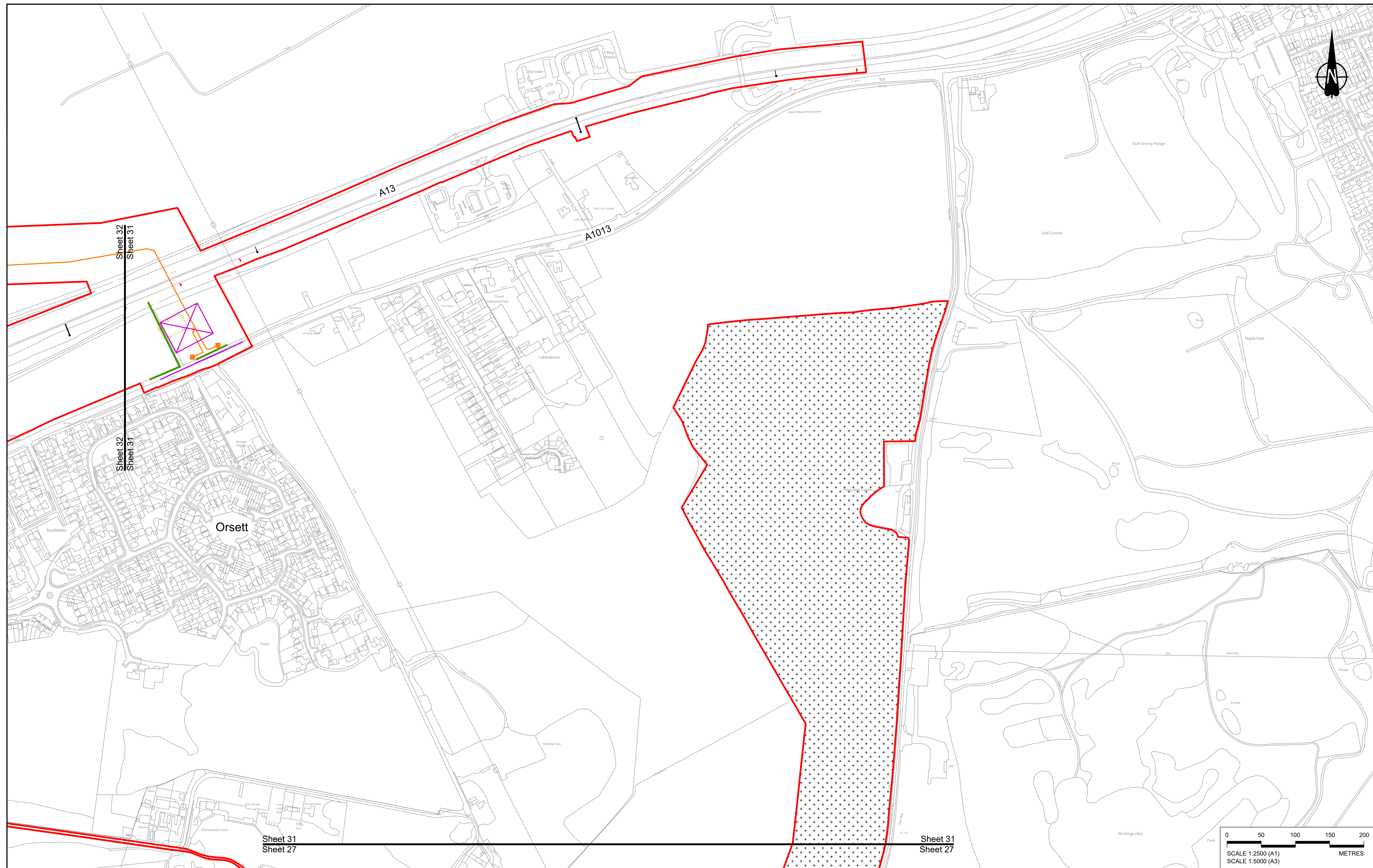
Purpose of revision

Drawn

Chck'd

Apprv'd

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10026.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100050649

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/8.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/8.2 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
- Verge
- Retaining wall
- Walking, cycling and horse-riding routes
- Green Roof for Tunnel Service Building
- Tunnel
- Ground protection tunnel

PROPOSED UTILITIES

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multitality alignment
- Diversion tie 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
- Bat Barn structure
- Ecological pond

Flood Compensation Area

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

Client

Project

LOWER THAMES CROSSING

Rev

Status

Rev. Date

Purpose of revision

GP

RO

ASB

Drawn

Chkd'd

Appr'd

Original Size

A1

Scale

1:2500

Revision

P01

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT

REGULATION 5(2)(c)

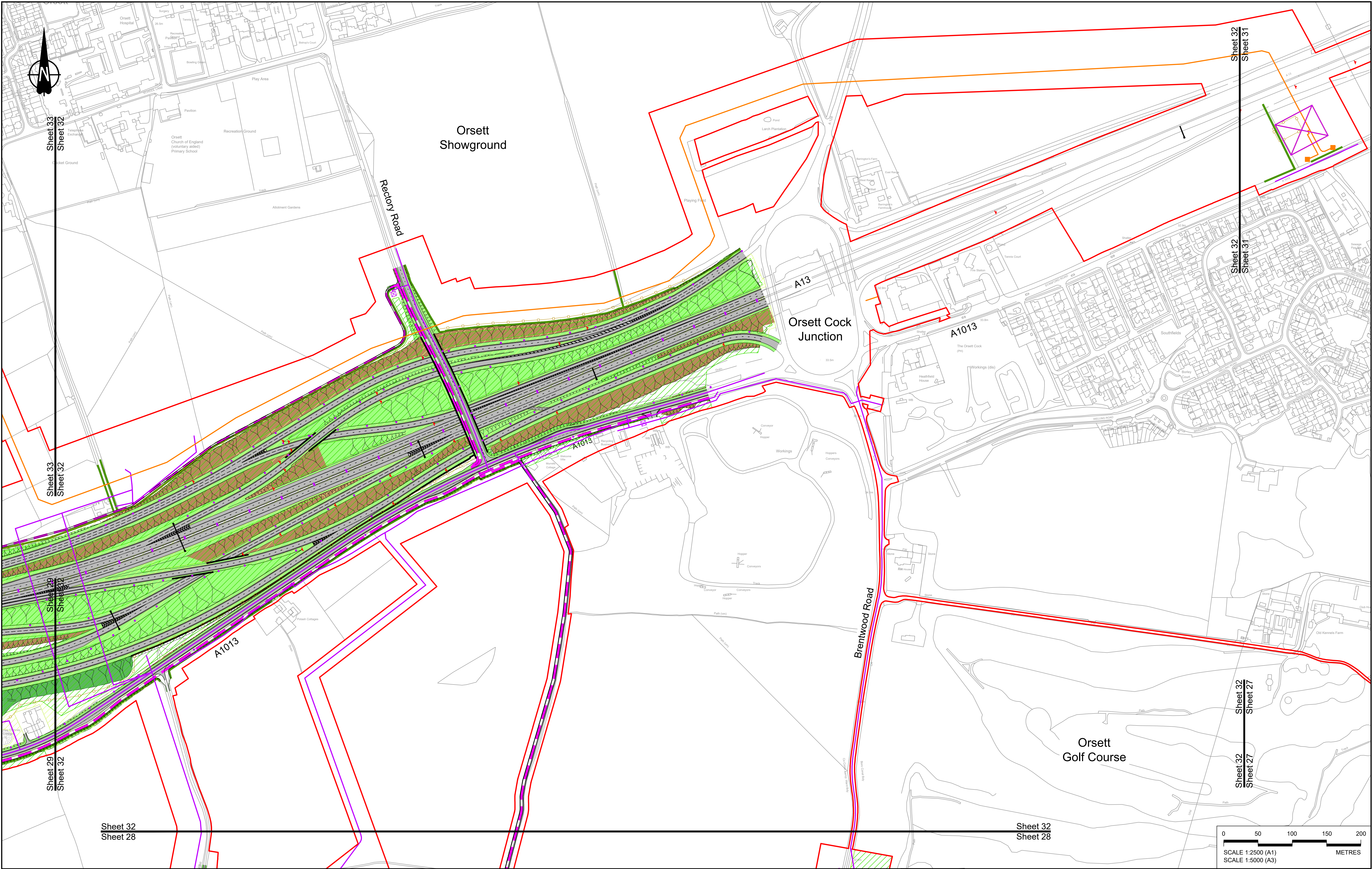
SHEET 31

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000 -DR-CX-10028

Status

DCO Application



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
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.

BOUNDARIES	
	Order Limits
	Local Authority boundary
	Proposed replacement travellers site
PROPOSED ENGINEERING AND CONSTRUCTION	
	New carriageway
	Overbridge
	Underpass

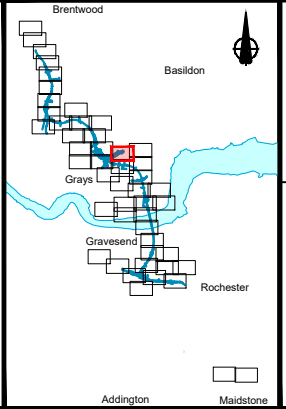
	Culvert
	Traffic sign
	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

	Earthworks - Cutting
	Earthworks - Embankment
	Earthworks - False cutting and landscaping
	Verge
	Retaining wall
	Water pipe & self-regulating valve
	Maintenance access
	Car park
	Rendezvous point

PROPOSED UTILITIES	
	Underground gas diversion
	Resigned or modified overhead electricity line
	Underground multiutility alignment
	Diversion ties into existing network
	Utility compound or substation

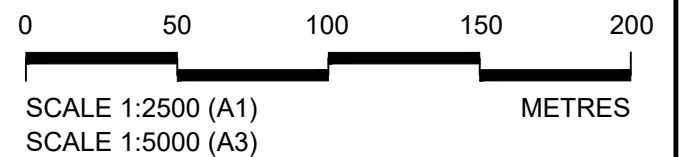
PROPOSED ENVIRONMENTAL WORKS	
	Woodland planting
	Grassland planting
	Ecological habitat creation and receptor site for protected species
	Temporary ecological habitat
	Bat Barn structure
	Ecological pond

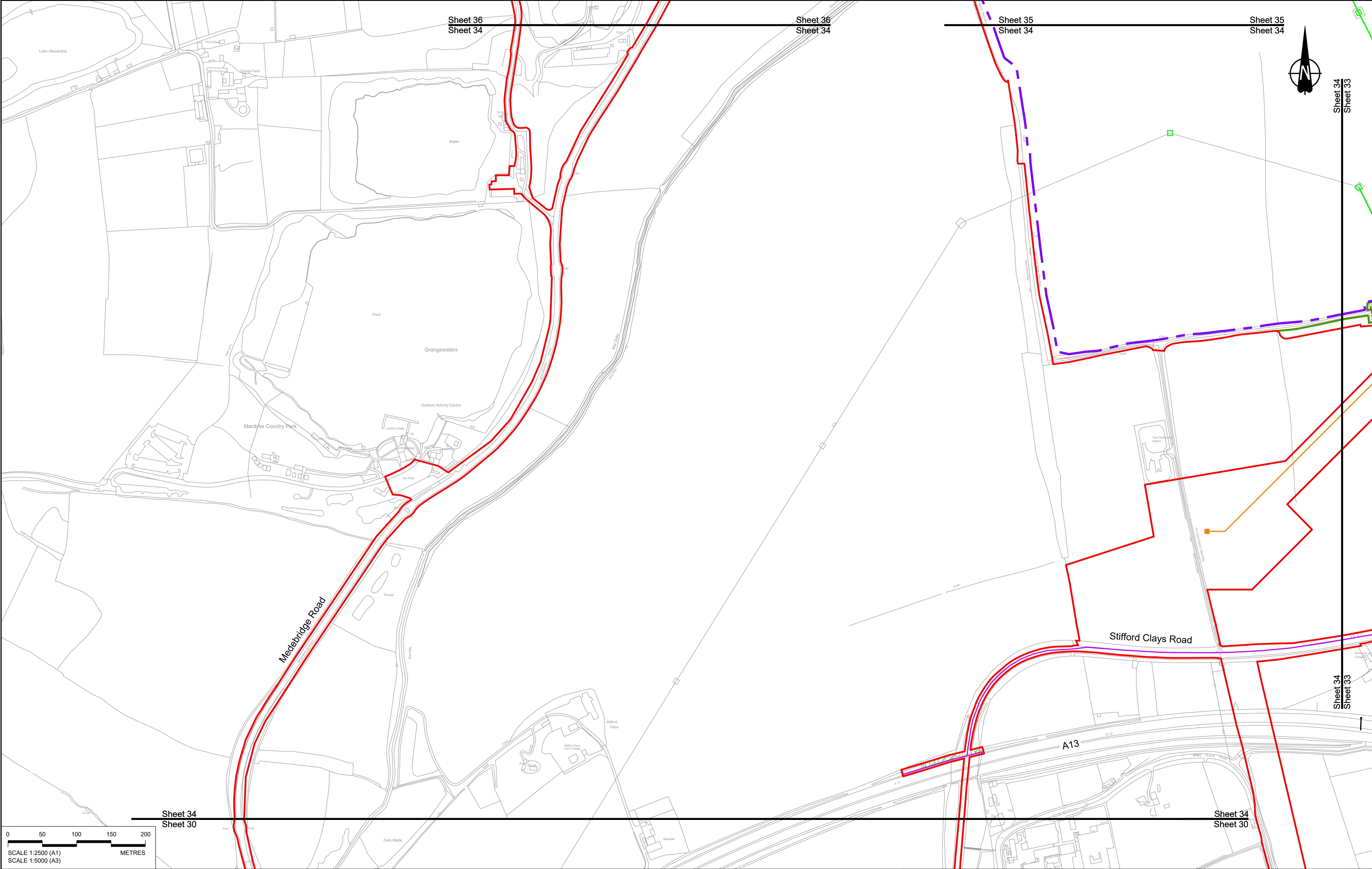
	Flood Compensation Area
	Open space provision, replacement open space or replacement common land
	Hedgerow
	Watercourse diversion
	Ecological fencing (badger)
	Acoustic barrier
	Fencing



LOWER THAMES CROSSING

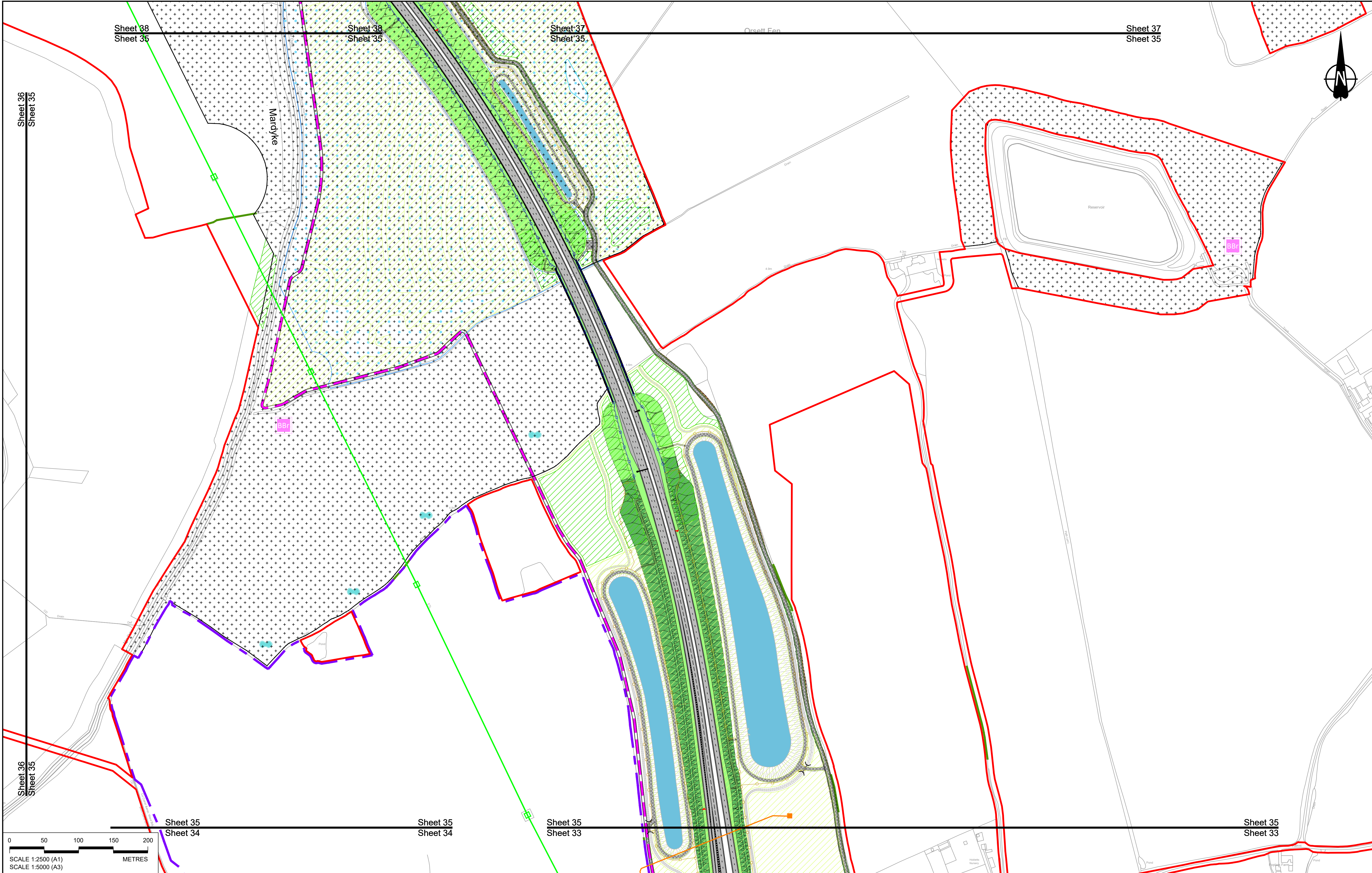
Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.5	A1	P01
		Scale	1:2500
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 32		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10029		





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

01020304050607080910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989900010210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001301130213031304130513061307130813091310131113121313131413151316131713181319132013211322132313241325132613271328132913301331133213331334133513361337133813391340134113421343134413451346134713481349135013511352135313541355135613571358135913601361136213631364136513661367136813691370137113721373137413751376137713781379138013811382138313841385138613871388138913901391139213931394139513961397139813991400140114021403140414051406140714081409141014111412141314141415141614171418141914201421142214231424142514261427142814291430143114321433143414351436143714381439144014411442144314441445144614471448144914501451145214531454145514561457145814591460146114621463146414651466146714681469147014711472147314741475147614771478147914801481148214831484148514861487148814891490149114921493149414951496149714981499150015011502150315041505150615071508150915101511151215131514151515161517151815191520152115221523152415251526152715281529153015311532153315341535153615371538153915401541154215431544154515461547154815491550155115521553155415551556155715581559156015611562156315641565156615671568156915701571157215731574157515761577157815791580158115821583158415851586158715881589159015911592159315941595159615971598159916001601160216031604160516061607160816091610161116121613161416151616161716181619162016211622162316241625162616271628162916301631163216331634163516361637163816391640164116421643164416451646164716481649165016511652165316541655165616571658165916601661166216631664166516661667166816691670167116721673167416751676167716781679168016811682168316841685168616871688168916901691169216931694169516961697169816991700170117021703170417051706170717081709171017111712171317141715171617171718171917201721172217231724172517261727172817291730173117321733173417351736173717381739174017411742174317441745174617471748174917501751175217531754175517561757175817591760176117621763176417651766176717681769177017711772177317741775177617771778177917801781178217831784178517861787178817891790179117921793179417951796179717981799180018011802180318041805180618071808180918101811181218131814181518161817181818191820182118221823182418251826182718281829183018311832183318341835183618371838183918401841184218431844184518461847184818491850185118521853185418551856185718581859186018611862186318641865186618671868186918701871187218731874187518761877187818791880188118821883188418851886188718881889189018911892189318941895189618971898189919001901190219031904190519061907190819091910191119121913191419151916191719181919192019211922192319241925192619271928192919301931193219331934193519361937193819391940194119421943194419451946194719481949195019511952195319541955195619571958195919601961196219631964196519661967196819691970197119721973197419751976197719781979198019811982198319841985198619871988198919901991199219931994199519961997199819992000200120022003200420052006200720082009201020112012201320142015201620172018201920202021202220232024202520262027202820292030203120322033203420352036203720382039204020412042204320442045204620472048204920502051205220532054205520562057205820592060206120622063206420652066206720682069207020712072207320742075207620772078207920802081208220832084208520862087208820892090209120922093209420952096209720982099210021012102210321042105210621072108210921102111211221132114211521162117211821192120212121222123212421252126212721282129213021312132213321342135213621372138213921402141214221432144214521462147214821492150215121522153215421552156215721582159216021612162216321642165216621672168216921702171217221732174217521762177217821792180218121822183218421852186218721882189219021912192219321942195219621972198219922002201220222032204220522062207220822092210221122122213221422152216221722182219222022212222222322242225222622272228222922302231223222332234223522362237223822392240224122422243224422452246224722482249225022512252225322542255225622572258225922602261226222632264226522662267226822692270227122722273227422752276227722782279228022812282228322842285228622872288228922902291229222932294229522962297229822992300230123022303230423052306230723082309231023112312231323142315231623172318231923202321232223232324232523262327232823292330233123322333233423352336233723382339234023412342234323442345234623472348234923502351235223532354235523562357235823592360236123622363236423652366236723682369237023712372237323742375237623772378237923802381238223832384238523862387238823892390239123922393239423952396239723982399240024012402240324042405240624072408240924102411241224132414241524162417241824192420242124222423242424252426242724282429243024312432243324342435243624372438243924402441244224432444244524462447244824492450245124522453245424552456245724582459246024612462246324642465246624672468246924702471247224732474247524762477247824792480248124822483248424852486248724882489249024912492249324942495249624972498249925002501250225032504250525062507250825092510251125122513251425152516251725182519252025212522252325242525252625272528252925302531253225332534253525362537253825392540254125422543254425452546254725482549255025512552255325542555255625572558255925602561256225632564256525662567256825692570257125722573257425752576257725782579258025812582258325842585258625872588258925902591259225932594259525962597259825992600260126022603260426052606260726082609261026112612261326142615261626172618261926202621262226232624262526262627262826292630263126322633263426352636263726382639264026412642264326442645264626472648264926502651265226532654265526562657265826592660266126622663266426652666266726682669267026712672267326742675267626772678267926802681268226832684268526862687268826892690269126922693269426952696269726982699270027012702270327042705270627072708270927102711271227132714271527162717271827192720272127222723272427252726272727282729273027312732273327342735273627372738273927402741274227432744274527462747274827492750275127522753275427552756275727582759276027612762276327642765276627672768276927702771277227732774277527762777277827792780278127822783278427852786278727882789279027912792279327942795279627972798279928002801280228032804280528062807280828092810281128122813281428152816281728182819282028212822282328242825282628272828282928302831283228332834283528362837283828392840284128422843284428452846284728482849285028512852285328542855285628572858285928602861286228632864286528662867286828692870287128722873287428752876287728782879288028812882288328842885288628872888288928902891289228932894289528962897289828992900290129022903290429052906290729082909291029112912291329142915291629172918291929202921292229232924292529262927292829292930293129322933293429352936293729382939294029412942294329442945294629472948294929502951295229532954295529562957295829592960296129622963296429652966296729682969297029712972297329742975297629772978297929802981298229832984298529862987298829892990299129922993299429952996299729982999300030013002300330043005300630073008300930103011301230133014301530163017301830193020302130223023302430253026302730283029303030313032303330343035303630373038303930403041304230433044304530463047304830493050305130523053305430553056305730583059306030613062306330643065306630673068306930703071307230733074307530763077307830793080308130823083308430853086308730883089309030913092309330943095309630973098309931003101310231033104310531063107310831093110311131123113311431153116311731183119312031213122312331243125312631273128312931303131313231333134313531363137313831393140314131423143314431453146314731483149315031513152315331543155315631573158315931603161316231633164316531663167316831693170317131723173317431753176317731783179318031813182318331843185318631873188318931903191319231933194319531963197319831993200320132023203320432053206320732083209321032113212321332143215321632173218321932203221322232233223432253226322732283229323032313232323332343235323632373238323932403241324232433244324532463247324832493250325132523253325432553256325732583259326032613262326332643265326632673268326932703271327232733274327532763277327832793280328132823283328432853286328732883289329032913292329332943295329632973298329933003301330233033304330533063307330833093310331133123313331433153316331733183319332033213322332333243325



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

0 50 100 150 200 METRES
SCALE 1:2500 (A1)
SCALE 1:5000 (A3)

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) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.4) and associated drawings and documents.

3. For Environmental details refer to the Environmental Masterplan (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

PROPOSED UTILITIES

- 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

PROPOSED ENVIRONMENTAL WORKS

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Maintenance access
- Car park
- Rendezvous point

PROPOSED ENVIRONMENTAL WORKS

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multiutility alignment
- Division ties into existing network
- Utility compound or substation
- Woodland planting
- Grassland planting
- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

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

national highways

LOWER THAMES CROSSING

Status: DCO Application

Application Document Number: TR010032/APP/2.5

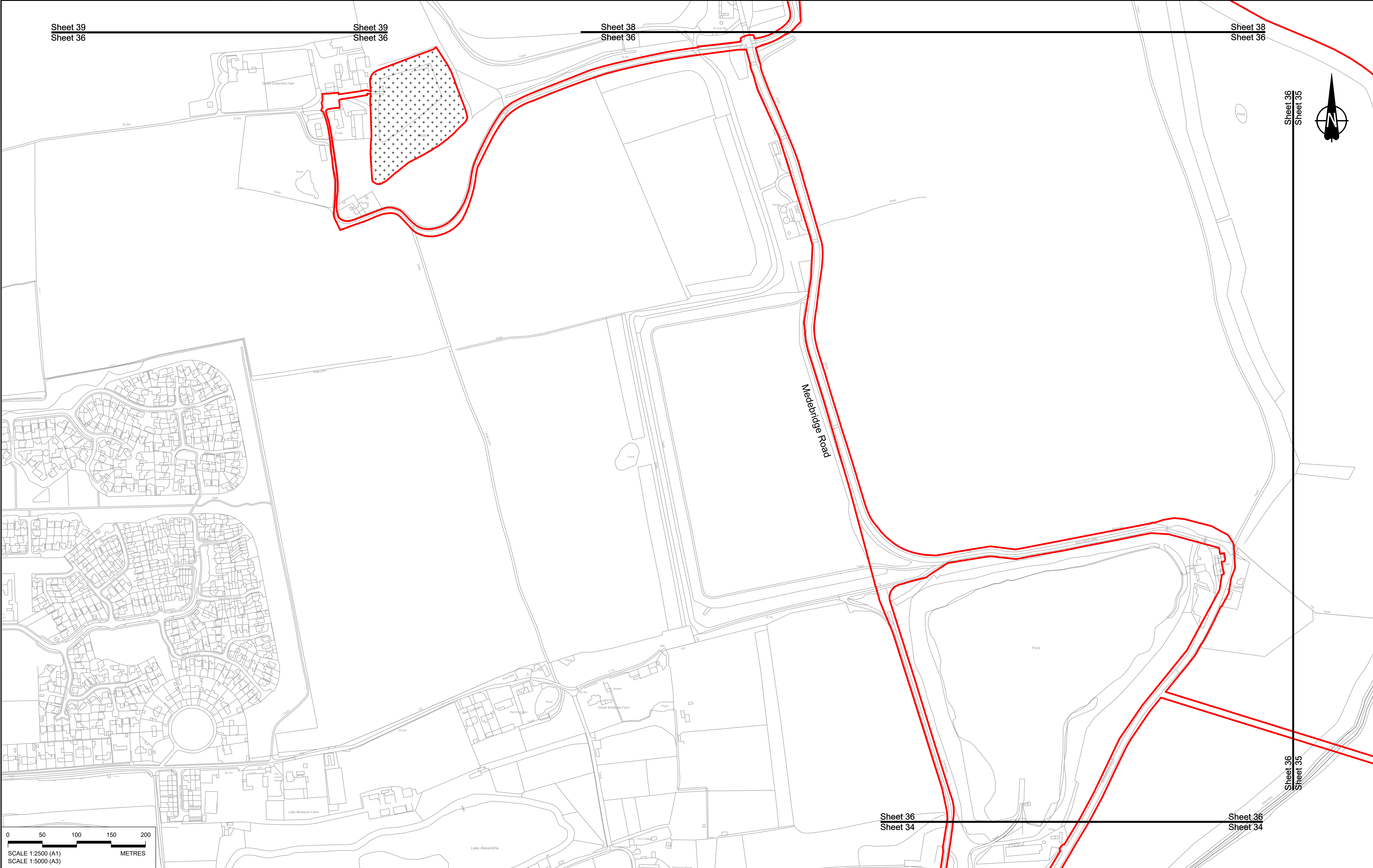
Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 35

Drawing Number: HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10032

Original Size: A1

Revision: P01

Scale: 1:2500



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

0 50 100 150 200
SCALE 1:2500 (A1)
SCALE 1:5000 (A3)
METRES

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.

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
Walking, cycling and horse-riding routes
Green Roof for Tunnel Service Building
Tunnel
Ground protection tunnel

PROPOSED UTILITIES

Underground gas diversion
Realigned or modified overhead electricity line
Underground multiutility alignment
Diversion lies 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
Bat Barn structure
Ecological pond

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

national highways

LOWER THAMES CROSSING

Status: DCO Application

Application Document Number: TR010032/APP/2.5

Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 36

Drawing Number: HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10033

Original Size: A1
Revision: P01
Scale: 1:2500

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



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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

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/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
- Walking, cycling and horse-riding routes
- Green Roof for Tunnel Service Building
- Tunnel
- Ground protection tunnel

PROPOSED UTILITIES

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Maintenance access
- Car park
- Rendezvous point
- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multiutility alignment
- Division 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
- Bat Barn structure
- Ecological pond
- Flood Compensation Area
- Open space provision, replacement open space or replacement common land
- Hedgerow
- Watercourse diversion
- Ecological fencing (badger)
- Acoustic barrier
- Fencing

Client

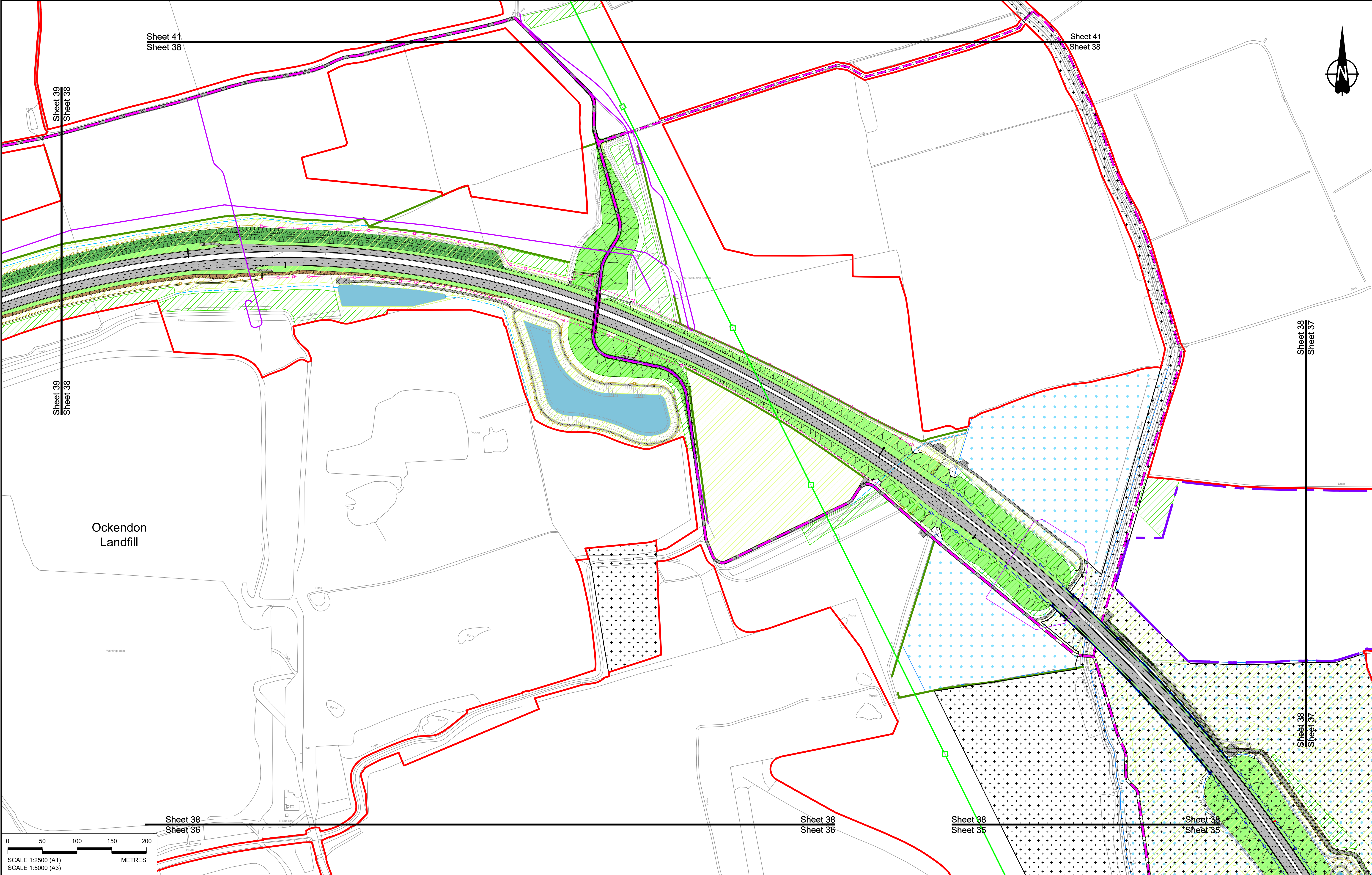
Project

national highways

LOWER THAMES CROSSING

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.5	A1	P01
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 37		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10034		

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10034.dwg



05010022

DCO Application

GP

RO

ASB

Rev

Status

Rev. Date

Purpose of revision

Drawn

Check'd

Apprv'd

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/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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED UTILITIES

Underground gas diversion

Realigned or modified overhead electricity line

Underground multiutility alignment

Division 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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

Project

national highways

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 38

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10035

Original Size

A1

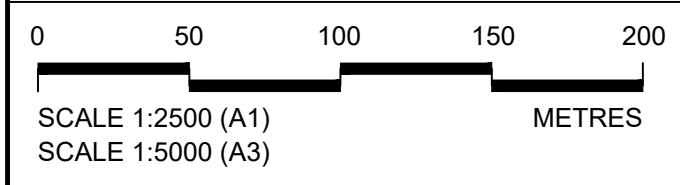
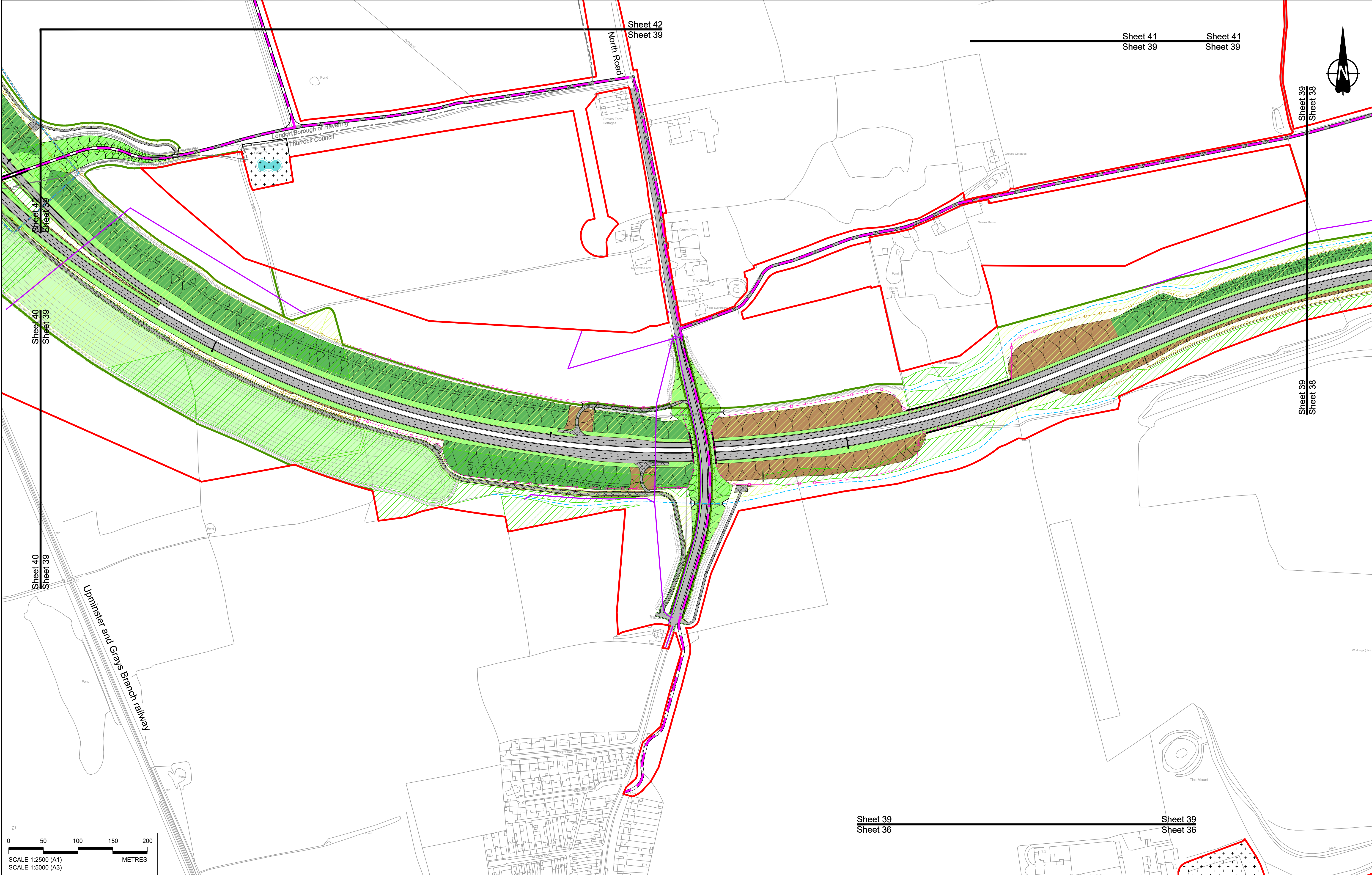
Revision

P01

Scale

1:2500

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10035.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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.

BOUNDARIES

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

PROPOSED ENGINEERING AND CONSTRUCTION

- New carriageway
- Overbridge
- Underpass

PROPOSED UTILITIES

- 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

PROPOSED ENVIRONMENTAL WORKS

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Car park
- Rendezvous point

PROPOSED UTILITIES

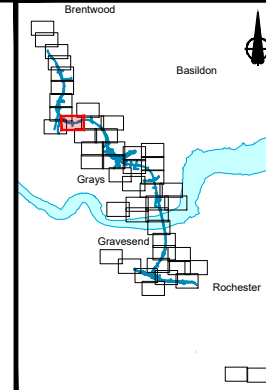
- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multiutility alignment
- Diversion ties into existing network
- Utility compound or substation

PROPOSED ENVIRONMENTAL WORKS

- Woodland planting
- Grassland planting
- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

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



national highways

LOWER THAMES CROSSING

Status: DCO Application

Application Document Number: TR010032/APP/2.5

Drawing title: GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 39

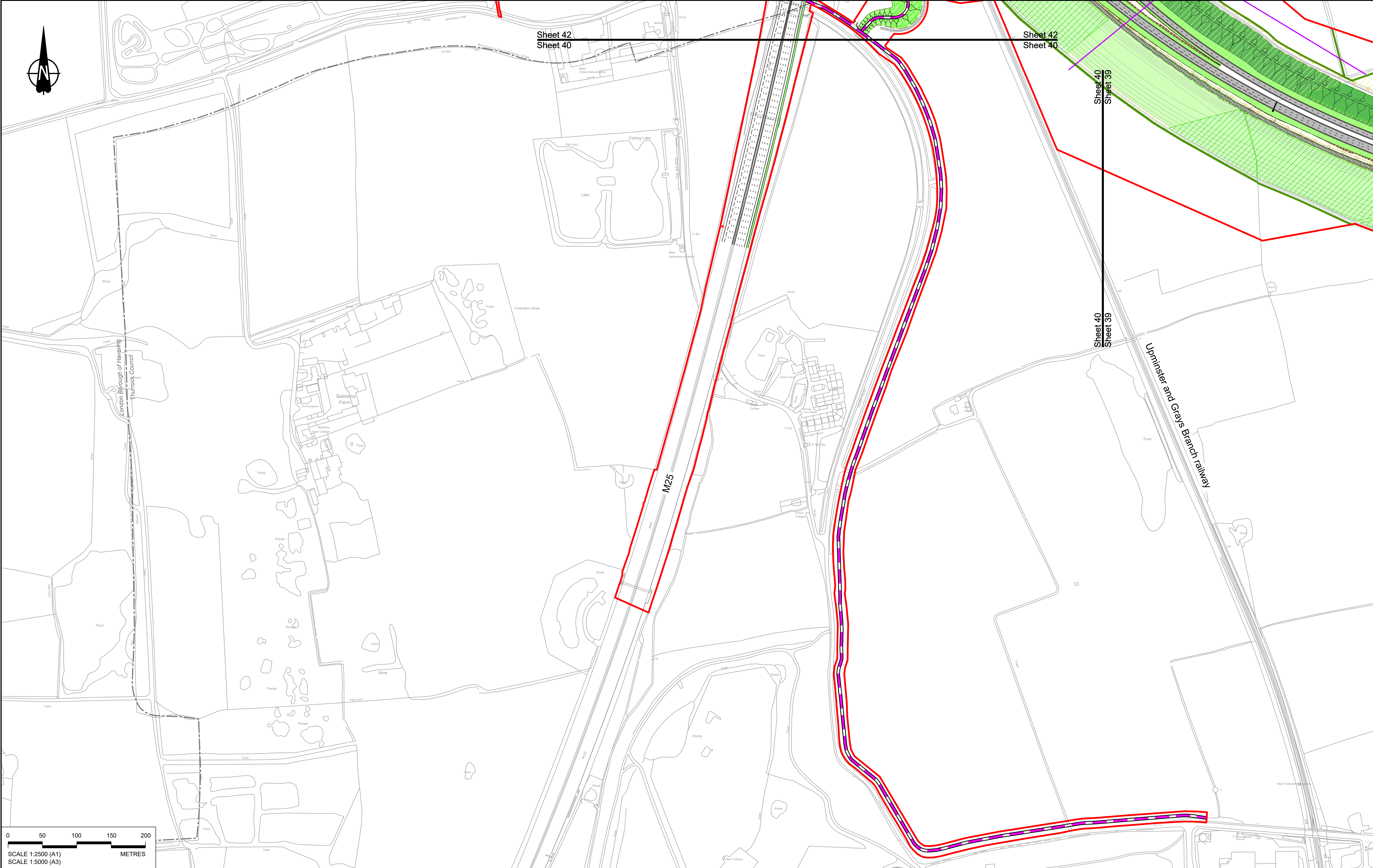
Drawing Number: HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10036

Original Size: A1

Revision: P01

Scale: 1:2500

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



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

0101102022

DCO Application

GP

RO

ASB

Rev

Status

Rev. Date

Purpose of revision

Drawn

Check'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.

BOUNDARIES

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

PROPOSED UTILITIES

Underground gas diversion

Realigned or modified overhead electricity line

Underground multiutility alignment

Diversion lies into existing network

Utility compound or substation

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED ENVIRONMENTAL WORKS

Woodland planting

Grassland planting

Ecological habitat creation and receptor site for protected species

Temporary ecological habitat

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

Project

LOWER THAMES CROSSING

national highways

Map of the project area showing the location of the Lower Thames Crossing relative to the surrounding region.

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 40

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10037

Original Size

A1

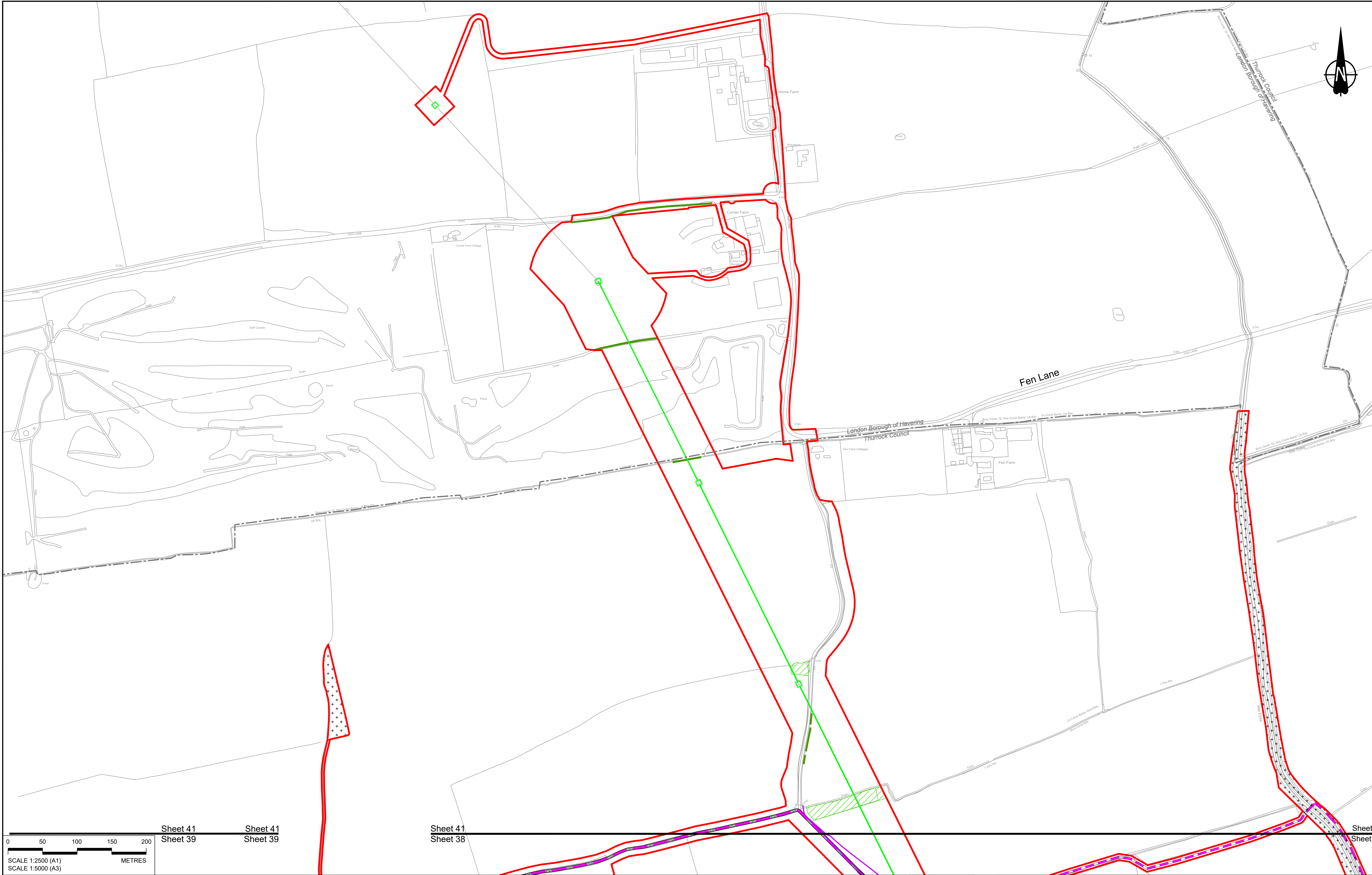
Revision

P01

Scale

1:2500

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10037.dwg



050100150200

SCALE 1:2500 (A1)

SCALE 1:5000 (A3)

METRES

Sheet 41

Sheet 39

Sheet 41

Sheet 38

Sheet 41

Sheet 38

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/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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED UTILITIES

Underground gas diversion

Realigned or modified overhead electricity line

Underground multiutility alignment

Division 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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

national highways

Project

LOWER THAMES CROSSING

London

Reading

Wokingham

Andover

Salisbury

Exeter

Cardiff

Belfast

London

Reading

Wokingham

Andover

Salisbury

Exeter

Cardiff

Belfast

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 41

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10039

Original Size

A1

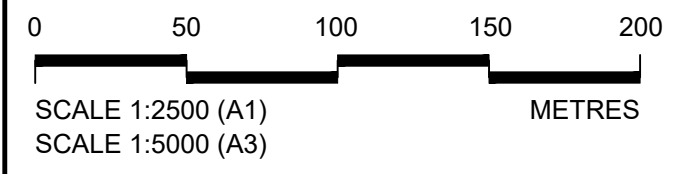
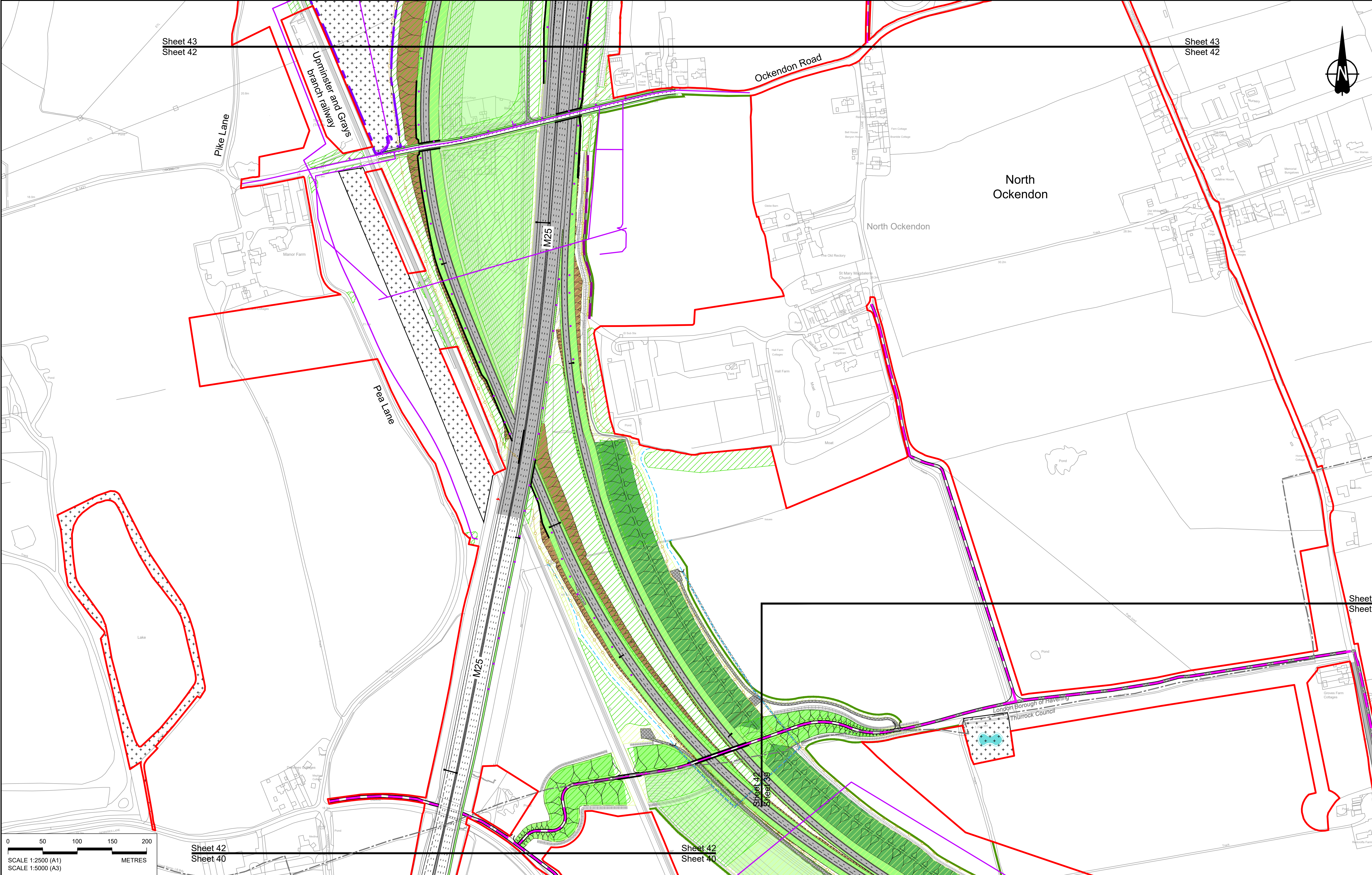
Revision

P01

Scale

1:2500

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10039.dwg



Sheet 42
Sheet 40

Sheet 42
Sheet 40

Sheet 42
Sheet 39

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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.

BOUNDARIES

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

PROPOSED UTILITIES

- 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

PROPOSED ENVIRONMENTAL WORKS

- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Water pipe & self-regulating valve
- Maintenance access
- Car park
- Rendezvous point

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
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

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

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

PROPOSED ENVIRONMENTAL WORKS

- Ecological habitat creation and receptor site for protected species
- Temporary ecological habitat
- Bat Barn structure
- Ecological pond

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

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

GP	RO	ASB
----	----	-----

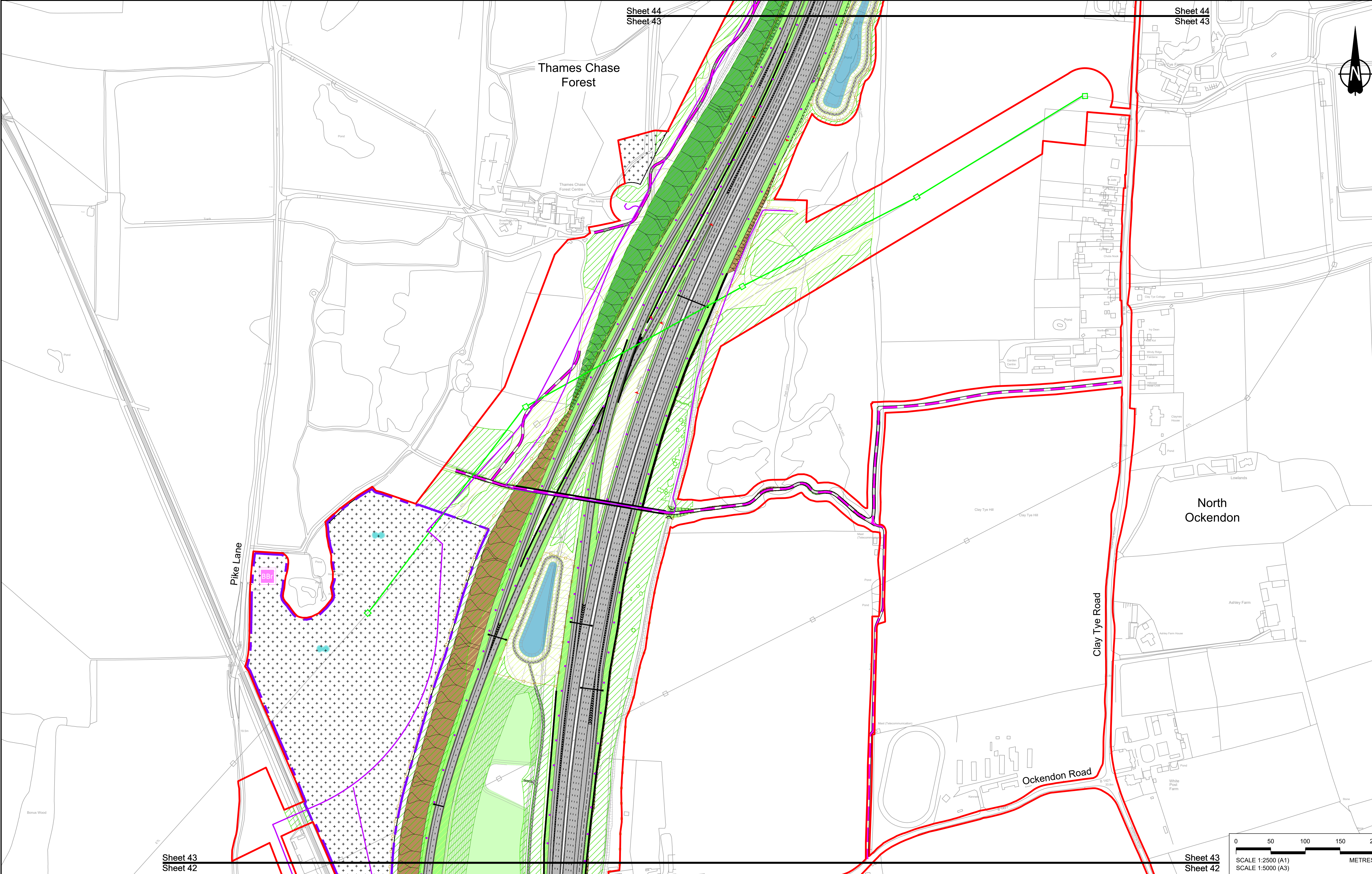
GP	RO	ASB
----	----	-----



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 42				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10040				

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10040.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Sheet 43
Sheet 42

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.

BOUNDARIES

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

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Car park

Rendezvous point

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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgegrow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

Project

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT
REGULATION 5(2)(o)
SHEET 43

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10041

Original Size

A1

Revision

P01

Scale

1:2500

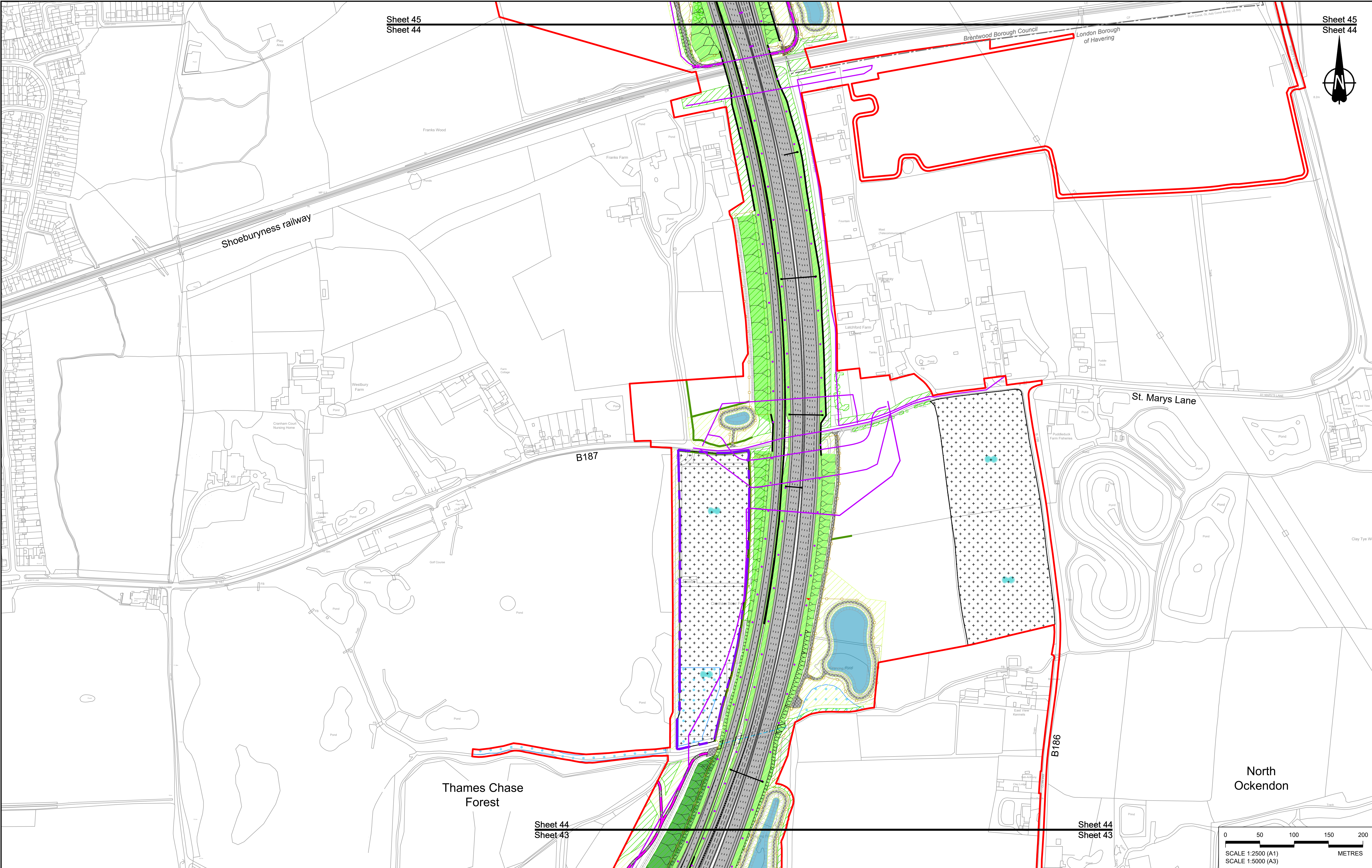
0 50 100 150 200

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

METRES

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10041.dwg

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10041.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

Rev

Status

Rev. Date

Purpose of revision

Drawn

Check'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.

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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

Project

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 44

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10042

Original Size

A1

Revision

P01

Scale

1:2500

0

50

100

150

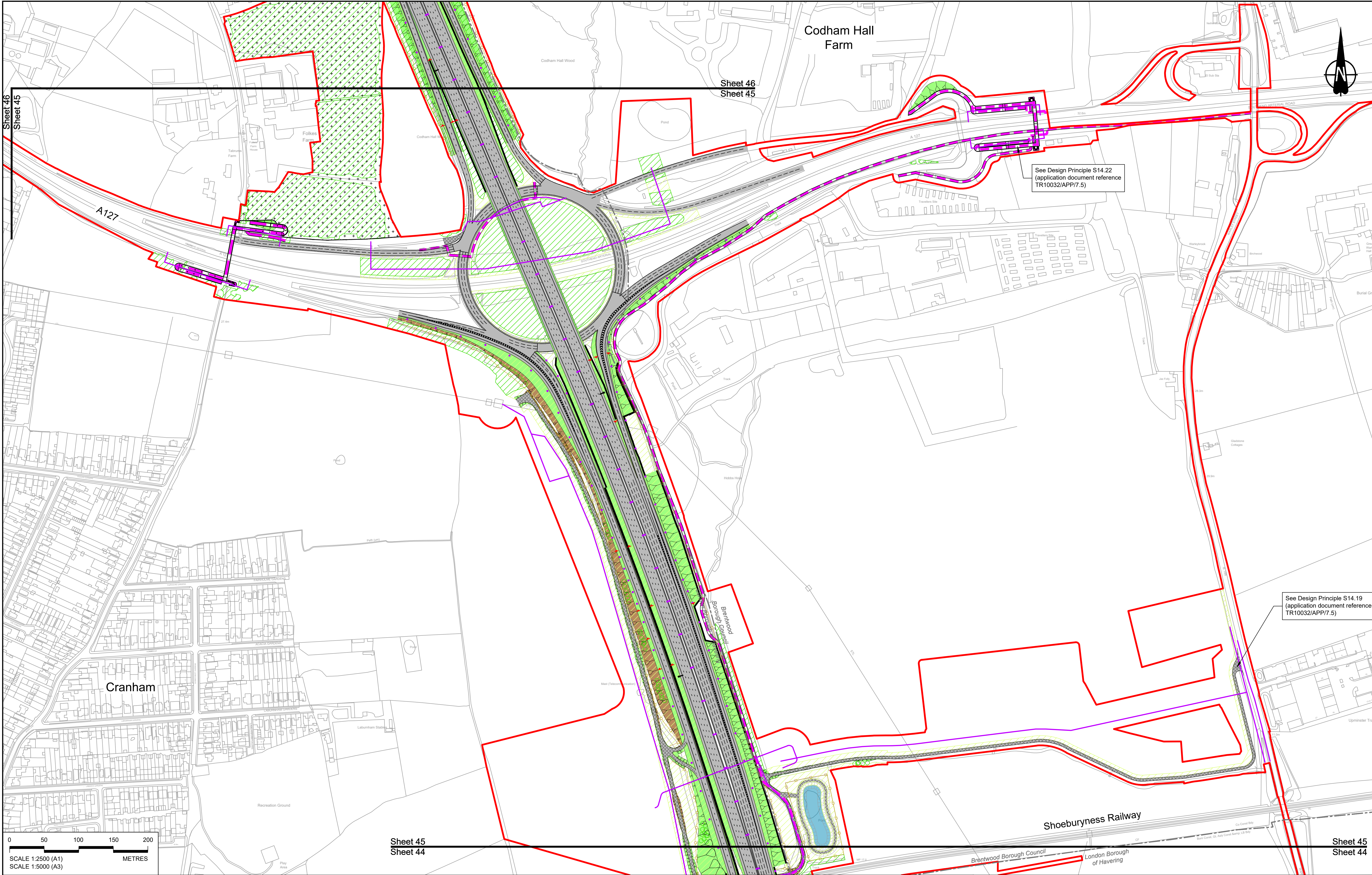
200

METRES

Scale 1:2500 (A1)

Scale 1:5000 (A3)

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10042.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

0 50 100 150 200
SCALE 1:2500 (A1)
SCALE 1:5000 (A3)
METRES

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.

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
- Walking, cycling and horse-riding routes
- Green Roof for Tunnel Service Building
- Tunnel
- Ground protection tunnel

PROPOSED UTILITIES

- Underground gas diversion
- Realigned or modified overhead electricity line
- Underground multitenity 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
- Bat Barn structure
- Ecological pond

Other Features

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

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **DCO Application**

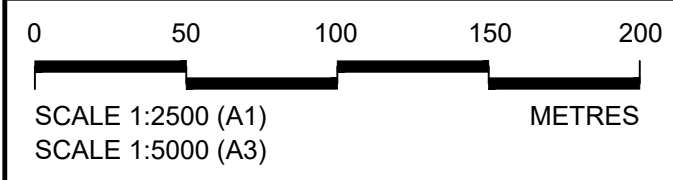
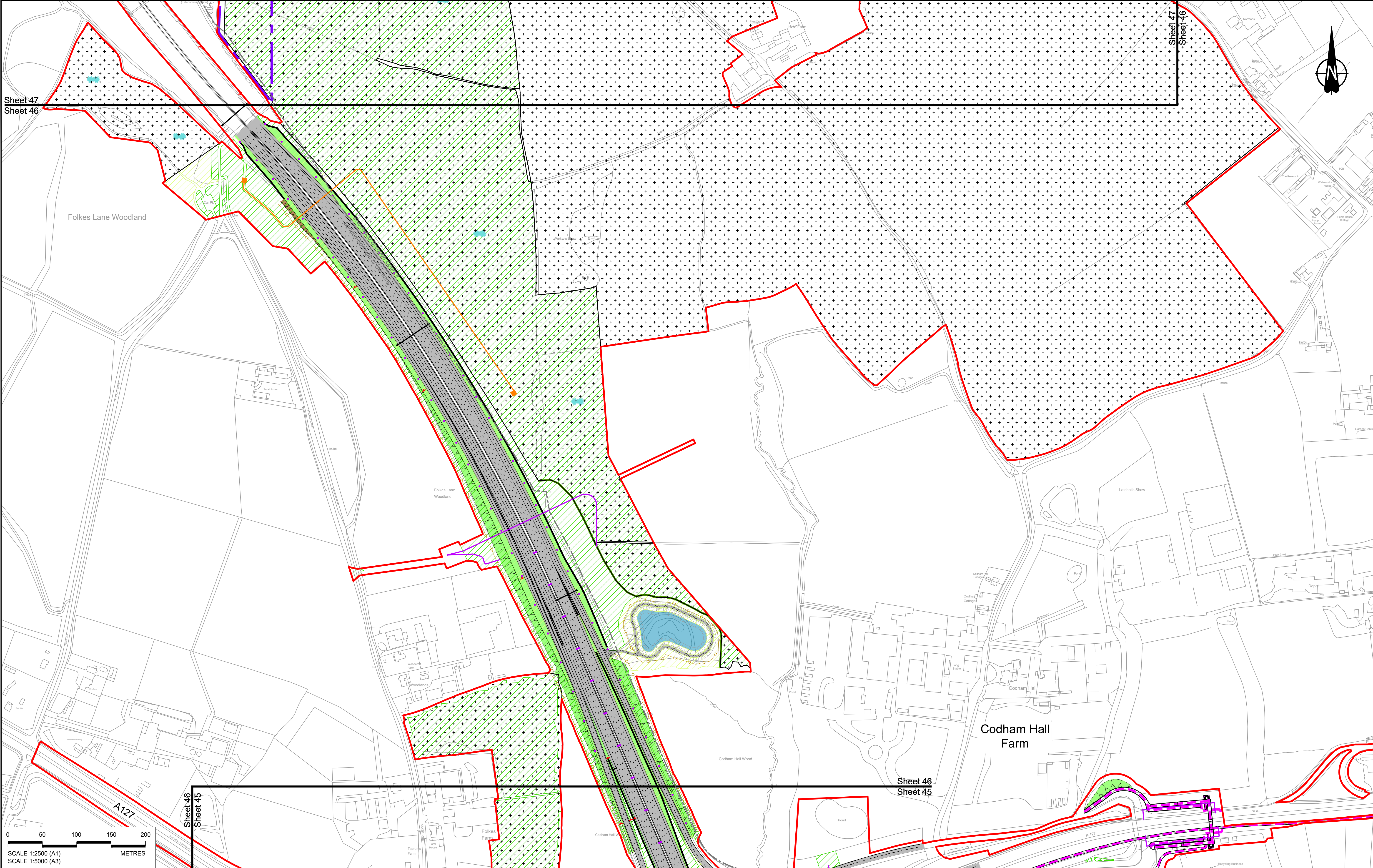
Application Document Number: **TR010032/APP/2.5**

Drawing title: **GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 45**

Drawing Number: **HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10043**

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

Scale: **1:2500**



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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).

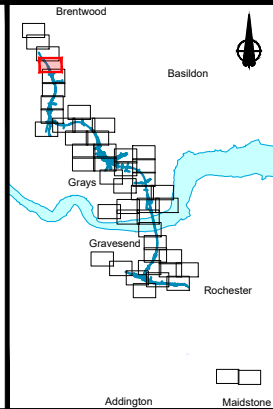
3. For Environmental details refer to the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig 2.4) and Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig 2.3) and associated drawings and documents.

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

BOUNDARIES		PROPOSED ENGINEERING AND CONSTRUCTION	
	Order Limits		New carriageway
	Local Authority boundary		Overbridge
	Proposed replacement travellers site		Underpass
	Culvert		Tunnel
	Traffic sign		Ground protection tunnel
	Gantry		
	Lighting		
	Infiltration basin, detention basin or retention pond		
	Walking, cycling and horse-riding routes		
	Green Roof for Tunnel Service Building		
	Earthworks - Cutting		
	Earthworks - Embankment		
	Earthworks - False cutting and landscaping		
	Verge		
	Retaining wall		
	Water pipe & self-regulating valve		
	Maintenance access		
	Car park		
	Rendezvous point		

PROPOSED UTILITIES		PROPOSED ENVIRONMENTAL WORKS	
	Underground gas diversion		Woodland planting
	Realigned or modified overhead electricity line		Grassland planting
	Underground multiutility alignment		Ecological habitat creation and receptor site for protected species
	Diversion ties into existing network		Temporary ecological habitat
	Utility compound or substation		Bat Barn structure
			Ecological pond

PROPOSED ENVIRONMENTAL WORKS		PROPOSED ENVIRONMENTAL WORKS	
	Flood Compensation Area		Open space provision, replacement open space or replacement common land
	Hedgerow		Watercourse diversion
	Ecological fencing (badger)		Acoustic barrier
	Fencing		



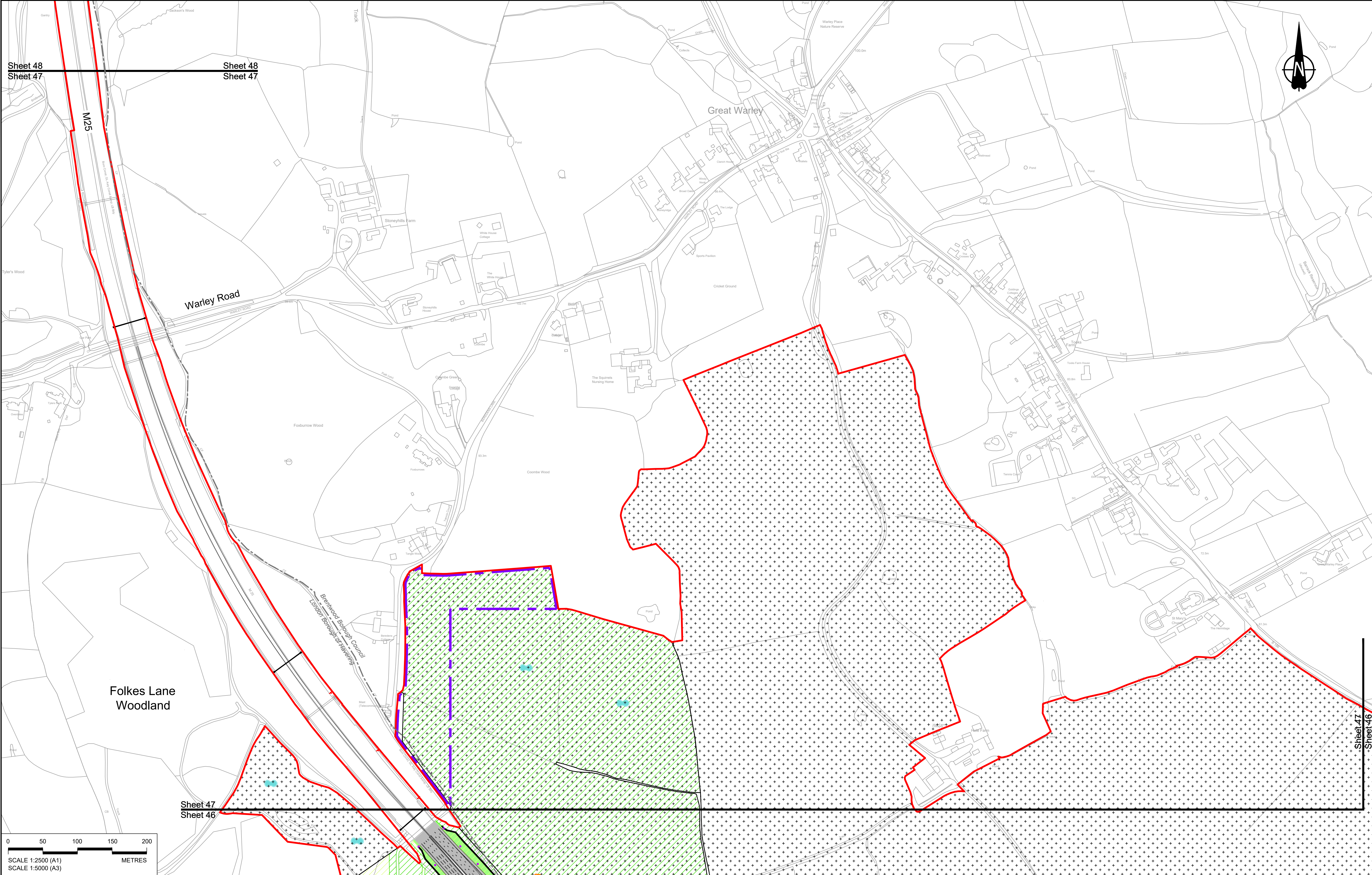
Client

Project

national highways

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 46				
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10044				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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.

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

Walking, cycling and horse-riding routes

Green Roof for Tunnel Service Building

Tunnel

Ground protection tunnel

Earthworks - Cutting

Earthworks - Embankment

Earthworks - False cutting and landscaping

Verge

Retaining wall

Water pipe & self-regulating valve

Maintenance access

Car park

Rendezvous point

PROPOSED UTILITIES

Underground gas diversion

Realigned or modified overhead electricity line

Underground multiutility alignment

Division 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

Bat Barn structure

Ecological pond

Flood Compensation Area

Open space provision, replacement open space or replacement common land

Hedgerow

Watercourse diversion

Ecological fencing (badger)

Acoustic barrier

Fencing

Client

national highways

Project

LOWER THAMES CROSSING

Status

DCO Application

Application Document Number

TR010032/APP/2.5

Drawing title

GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 47

Drawing Number

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10045

Original Size

A1

Revision

P01

Scale

1:2500

Rev

Status

Rev. Date

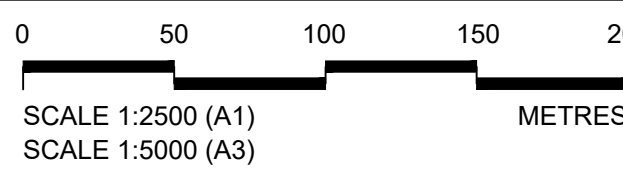
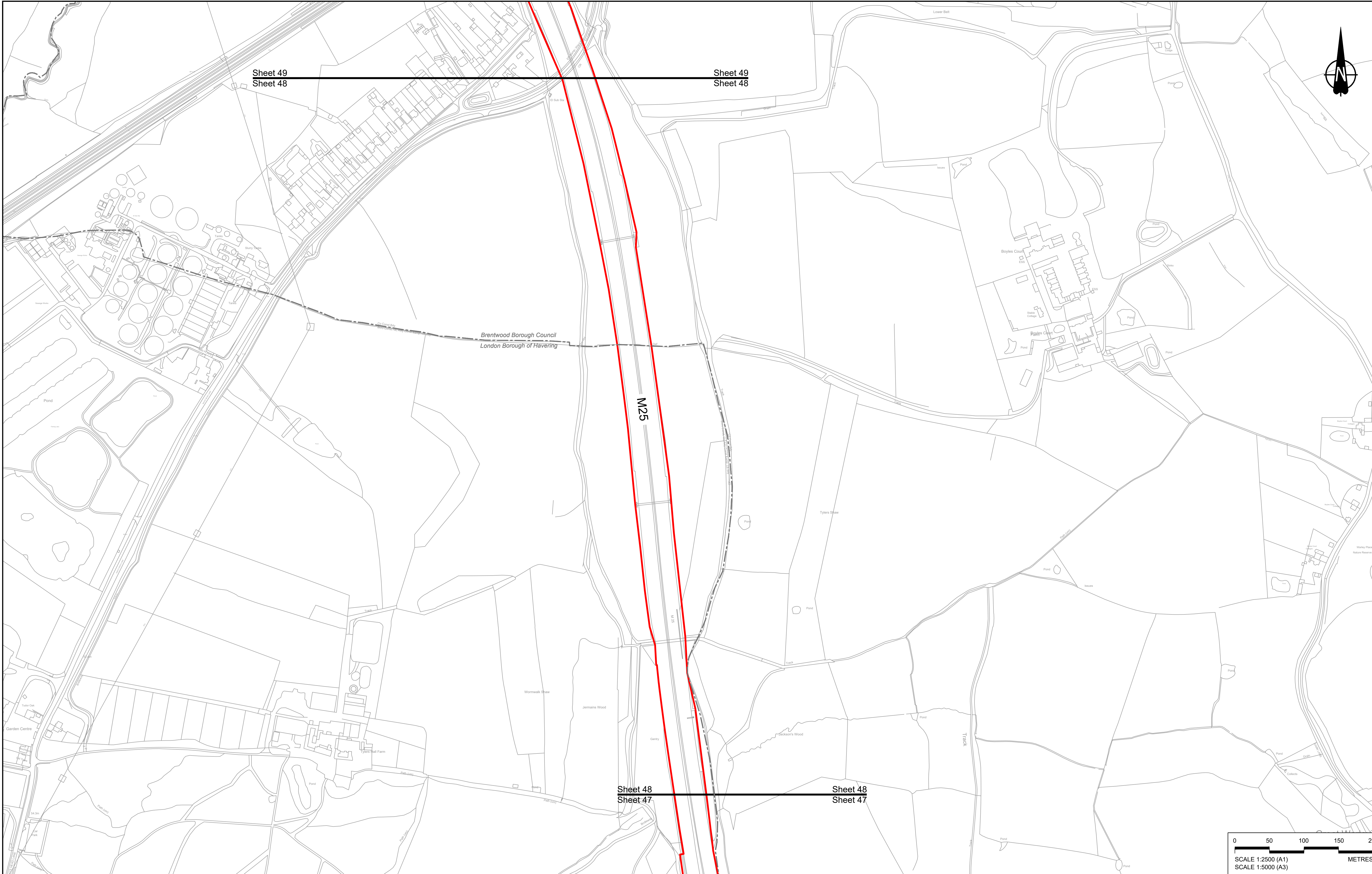
Purpose of revision

Drawn

Check'd

Apprv'd

HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10045.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

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

BOUNDARIES	
	Order Limits
	Local Authority boundary
	Proposed replacement travellers site
PROPOSED ENGINEERING AND CONSTRUCTION	
	New carriageway
	Overbridge
	Underpass

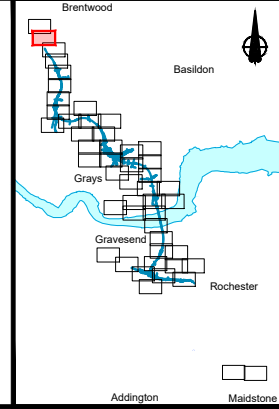
	Culvert
	Traffic sign
	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

	Earthworks - Cutting
	Earthworks - Embankment
	Earthworks - False cutting and landscaping
	Verge
	Retaining wall
	Water pipe & self-regulating valve
	Maintenance access
	Car park
	Rendezvous point

PROPOSED UTILITIES	
	Underground gas diversion
	Resigned or modified overhead electricity line
	Underground multitype 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
	Bat Barn structure
	Ecological pond

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

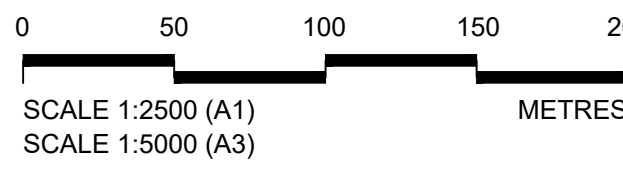
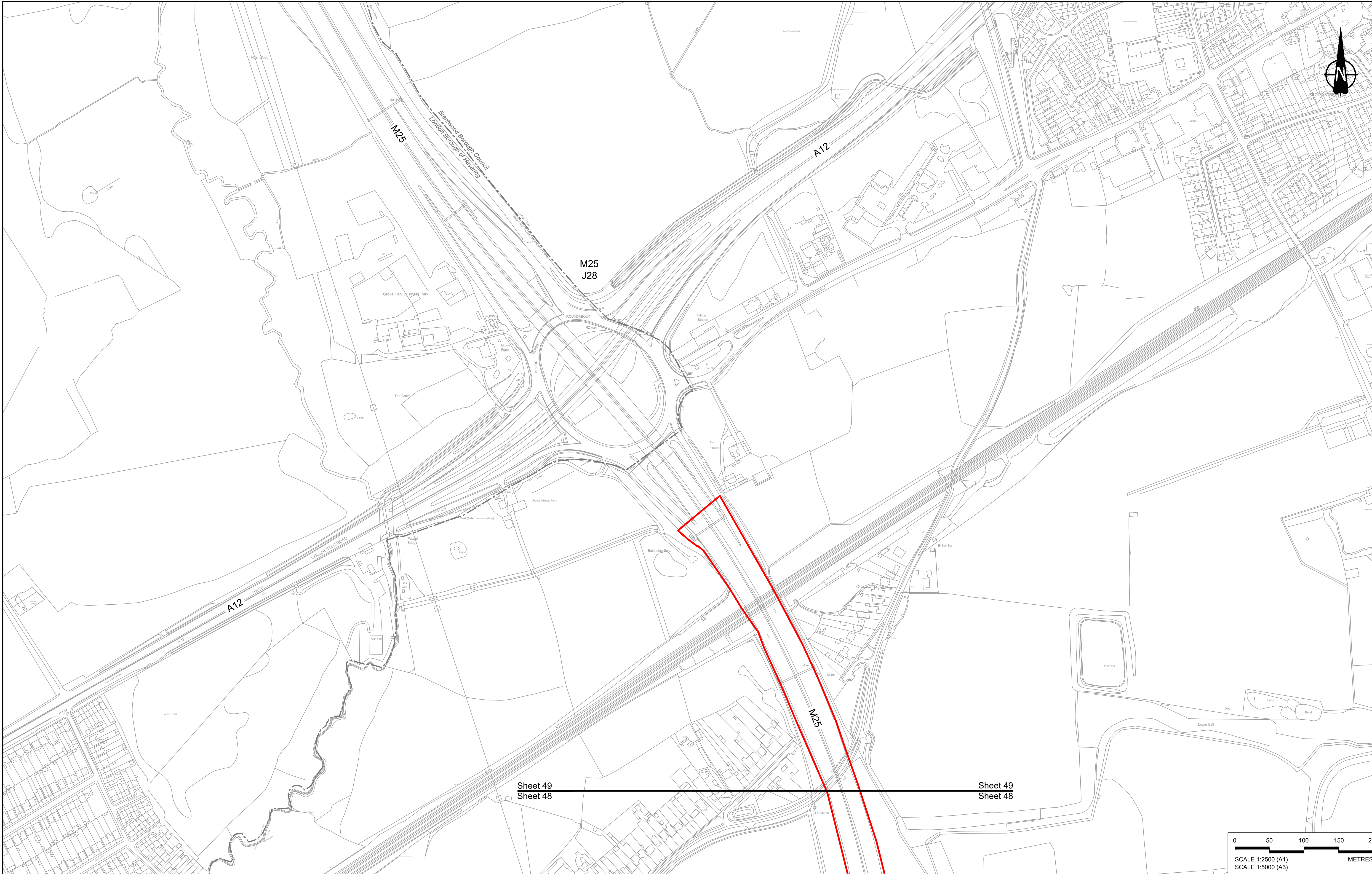


Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	Revision
Application Document Number	TR010032/APP/2.5	A1	P01
Drawing title	Scale 1:2500		
GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 48			
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10046		



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
P01	S8	19/10/2022	DCO Application	GP	RO	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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.

BOUNDARIES	
	Order Limits
	Local Authority boundary
	Proposed replacement travellers site
PROPOSED ENGINEERING AND CONSTRUCTION	
	New carriageway
	Overbridge
	Underpass

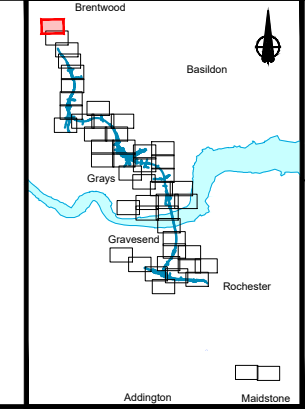
	Culvert
	Traffic sign
	Gantry
	Lighting
	Infiltration basin, detention basin or retention pond
	Walking, cycling and horse-riding routes
	Green Roof for Tunnel Service Building
	Tunnel
	Ground protection tunnel

	Earthworks - Cutting
	Earthworks - Embankment
	Earthworks - False cutting and landscaping
	Verge
	Retaining wall
	Water pipe & self-regulating valve
	Maintenance access
	Car park
	Rendezvous point

PROPOSED UTILITIES	
	Underground gas diversion
	Realigned or modified overhead electricity line
	Underground multistudy alignment
	Diversion lies 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
	Bat Barn structure
	Ecological pond

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



Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	P01
Application Document Number	TR010032/APP/2.5	Scale	1:2500
Drawing title	GENERAL ARRANGEMENT REGULATION 5(2)(o) SHEET 49		
Drawing Number	HE540039-CJV-BOP-SZZ_GN000000_-DR-CX-10047		

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

© Crown copyright 2023.

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

visit www.nationalarchives.gov.uk/doc/open-government-licence/

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

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

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

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls.

These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

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

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

National Highways Limited registered in England and Wales number 09346363