

**Lower Thames Crossing**  
**6.2 Environmental Statement**  
**Figure 2.4 - Environmental**  
**Masterplan Section 4 (4 of 10)**  
**(Clean version)**

APFP Regulation 5(2)(a)

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

Volume 6

**DATE: December 2023**

Planning Inspectorate Scheme Ref: TR010032  
Application Document Ref: TR010032/APP/6.2

**VERSION:2.0**

### Revision history

Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	11 December 2023	Deadline 9

# Lower Thames Crossing

## 6.2 Environmental Statement

### Figure 2.4: Environmental Masterplan Section 4 (4 of 10) (Clean version)

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# 1 Environmental Masterplan: Section 4

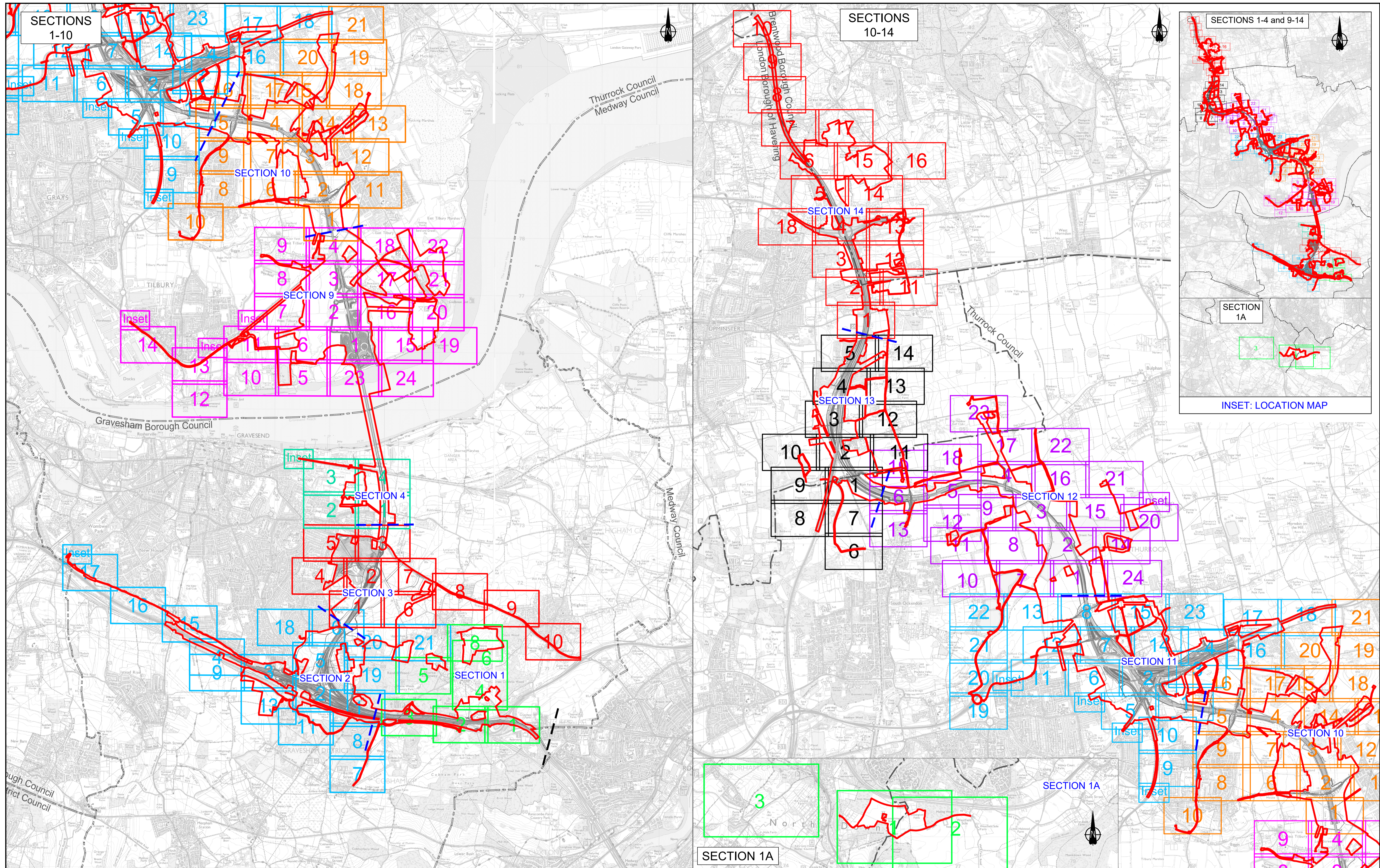
## 1.1 Schedule of Plans included in this application document

### 1.1.1 Section 4 (Sheets 1-4)

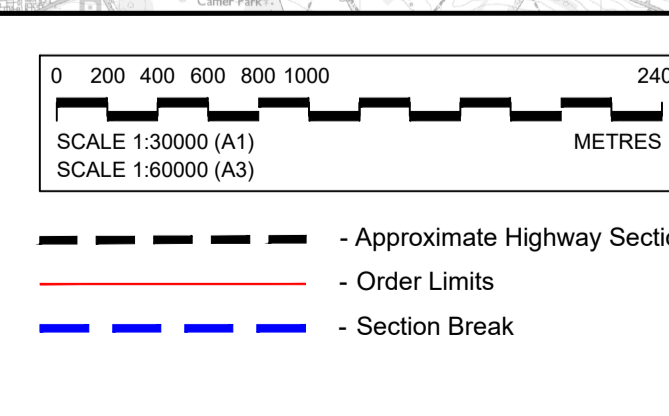
HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ- 00001 – Section 4 Overview	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ- 00002 - Section 4 Sheet 1	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ- 00003 - Section 4 Sheet 2	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ- 00004 - Section 4 Sheet 3	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ- 00005 - Section 4 Sheet 4	TR010032/APP/6.2	P02

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## 1.2 Scheme Overview



Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P01	S2	27/10/2022		LD		
P02	S8	19/09/2023	DEADLINE 4	LD	RO	BF
P03	S8	17/11/2023	DEADLINE 7	GH1	RO	BF
P04	S8	11/12/2023	DEADLINE 9	GH1	RO	BF



Section Layout Key:	
<span style="border: 1px solid green; padding: 2px;">1</span>	Section S1 (Sheets 1 - 8)
<span style="border: 1px solid blue; padding: 2px;">1</span>	Section S2 (Sheets 1 - 21)
<span style="border: 1px solid red; padding: 2px;">1</span>	Section S3 (Sheets 1 - 10)
<span style="border: 1px solid green; padding: 2px;">1</span>	Section S4 (Sheets 1 - 4)
<span style="border: 1px solid purple; padding: 2px;">1</span>	Section S5 to S8: Project route in tunnel, therefore no Environmental Masterplan coverage
<span style="border: 1px solid orange; padding: 2px;">1</span>	Section S9 (Sheets 1 - 24)
<span style="border: 1px solid black; padding: 2px;">1</span>	Section S10 (Sheets 1 - 21)
<span style="border: 1px solid purple; padding: 2px;">1</span>	Section S11 (Sheets 1 - 22)
<span style="border: 1px solid blue; padding: 2px;">1</span>	Section S12 (Sheets 1 - 24)
<span style="border: 1px solid black; padding: 2px;">1</span>	Section S13 (Sheets 1 - 14)
<span style="border: 1px solid red; padding: 2px;">1</span>	Section S14 (Sheets 1 - 18)

**NOTE:** Development of the Project design has resulted in the removal of some sheets forming part of the Environmental Masterplan, where acquisition of land for the Project is no longer required. In this instance, the original sheet numbering has been retained and therefore the sheet numbering shown on this Scheme Overview plan is not always consecutive.

For information, the following sheets have been omitted:

**Section 1**

- Sheet 7 (HE540039-CJV-EGN-S01\_EN000000\_Z-DR-ZZ-00008)

**Section 2**

- Sheet 10 (HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00011)
- Sheet 12 (HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00013)
- Sheet 14 (HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00015)

Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P04
Drawing title	ENVIRONMENTAL MASTERPLAN SCHEME OVERVIEW		
Drawing Number	HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00002		
Scale	AS SHOWN		

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## 1.3 Environmental Masterplan Legend



**EXISTING FEATURES**

**General Features**

- Existing WCH Route
- Overhead Power Lines

**Environmental Features**

- Retained Woodland, Trees and Hedges (within Order Limits)
- Retained Woodland, Trees and Hedges (outside Order Limits)
- Waterbodies / Ponds
- Watercourses
- Tree Preservation Orders Area
- Individual Tree Preservation Orders
- Veteran Tree

**PROPOSED PROJECT FEATURES**

- Order Limits
- Permanent Acquisition of Land

**General Project Features**

- Existing Overhead Power Lines to be Removed
- Indicative Diverted and Modified Overhead Power Lines
- Proposed / Improved WCH Route
- Diverted / Redesignated WCH Route
- Proposed Carriageway
- Proposed Retaining Wall
- Proposed Cutting
- Proposed Embankment
- Proposed False Cutting Earthwork (up to 4m height above carriageway level typically at 1(v) 4(h) gradient)
- Proposed Watercourse Diversion
- Proposed Attenuation Ponds
- Proposed Highway Estate Boundary Fencing
- Reinstated HS1 'Meshed' Fencing
- Proposed Security Fencing (incorporating highway boundary fence)
- Proposed Fencing Gates
- Proposed Tunnel Portal Building Outline (sub-surface)
- Proposed Highway Lighting and Gantry
- Proposed Green Bridge
- Proposed Traveller Site Replacement

**General Project Features cont.**

- Proposed Replacement Open Space
- Proposed Replacement Common Land
- Proposed Recreational Sites

**PROPOSED LANDSCAPE ELEMENTS**

**Grassland (LE 1)**

- LE 1.3 Species Rich Grassland
- LE 1.31 Species Rich Chalk Grassland
- LE 1.32 Species Rich Annual Wildflower Grassland
- LE 1.4 Rock and Scree

**Planting (LE 2)**

- LE 2.1 Woodland
- LE 2.11 Woodland With Non-Native Species
- LE 2.14 Wet / Carr Woodland
- LE 2.2 Woodland Edge
- LE 2.22 Scrub Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
- LE 2.5 Shrubs With Intermittent Trees
- LE 2.7 Scattered Trees
- LE 2.8 Scrub / Scattered Scrub

**Hedges (LE 4)**

- LE 4.3 Native Species Hedge (untrimmed)
- LE 4.4 Native Hedgerow With Trees

**Individual Trees (LE 5)**

- LE 5.1 Individual Trees

**Wetland Habitats (LE 6)**

- LE 6.11 Water Bodies – Standing Water
- LE 6.12 Water Bodies and Associated Plants – Shallow Scrape Habitat
- LE 6.2 Banks and Ditches
- LE 6.21 Banks and Ditches – High Tide Roost Features
- LE 6.4 Wet Grassland

**General Project Features cont.**

- LE 6.41 Marsh and Wet Grassland – Coastal Grazing Marsh
- LE 7.2 Green Roof
- LE 7.3 Car Park
- LE 7.4 Reinforced Earth Bund

**Ecological Habitats (LE 8)**

- LE 8.1 Open Mosaic Habitat
- LE 8.2 Ancient Woodland Compensation Planting
- LE 8.3 Woodland Mitigation Planting
- LE 8.4 Wetland / Fenland Creation
- LE 8.5 Ecology Pond (Indicative symbol only)
- LE 8.6 Acid Grassland Soil Salvage
- LE 8.7 Nitrogen Deposition (NDEP) Compensation Area

**Earthworks**

- Proposed Contours

**PROPOSED ENVIRONMENTAL ELEMENTS**

**Noise (E 1)**

- E 1.2 Acoustic Barrier-Built Elements (typically incorporating highway boundary fence)

**Water (E 2)**

- Flood Compensation Areas (E2-FCA)
- Flood Defence (E2-FD)

**Ecological (E 3)**

- E 3.2 Ecological Habitat Creation and Receptor Sites for Protected Species
- E 3.2 Ecological Protection Measures – Dormouse Boxes
- E 3.2 Ecological Protection Measures – Bat / Bird Boxes
- E 3.2 Ecological Protection Measures – Ecological Culvert
- E 3.2 Ecological Protection Measures – Bat Barn Block
- E 3.2 Ecological Protection Measures – Ecological Fencing (incorporating highway boundary fence)

**NOTES:**

**Land Reinstatement**

The Environmental Masterplan is intended to show the permanent landscaping and environmental mitigation features that are embedded in the operational design. Land temporarily impacted by construction would be reinstated to its former condition and composition upon completion, as far as reasonably practicable and as provided for in DCO Article 35, unless otherwise shown in the Environmental Masterplan.

**WCH Terminology and Route Information**

The term 'WCH Routes' (which includes Public Rights of Way) refers to routes for walkers, cyclists and horse riders and is used in the broad sense within the Environmental Masterplan to refer to routes intended for at least one (but not necessarily more than one) of those users. For further information, please refer to the Rights of Way and Access Plans (Application Document 2.7) and the draft Development Consent Order (Application Document 3.1).

**Veteran Trees**

Veteran trees shown on the Environmental Masterplan include those identified in the Ancient Tree Inventory and project-identified potential ancient or veteran trees.

**Outline Landscape and Ecological Management Plan**

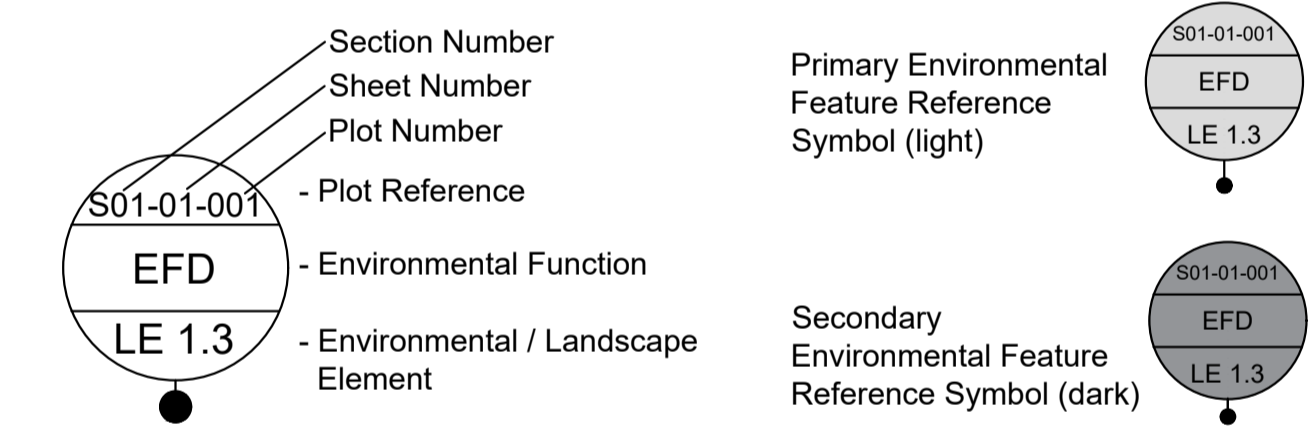
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environment Masterplan secures the spatial extent and location of the environmental / landscape elements detailed within the outline LEMP. The outline LEMP details the management regimes, management expectations and monitoring requirements for the proposals in each land parcel shown on the Environmental Masterplan. It focuses on the management requirements for land parcels to be permanently acquired within the Order Limits and which perform specific landscape and ecological mitigation functions for the Project. For further detail regarding management requirements and principles, please refer to the outline LEMP (Application Document 6.7).

**Existing WCH Routes**

Existing WCH route information is based on Local Authority data. For further details, please refer to the relevant Local Authority Definitive Public Right of Way Map and Statement.

**Environmental Feature Reference Symbol**

An Environmental Feature Reference Symbol is provided for each environmental / landscape element. This contains a Plot Reference, the Environmental Function and the specific Landscape / Environmental Element. The Plot Reference is unique to each element labelled, and comprises the Section number, Sheet number and unique Plot number. Additional Environmental Feature Reference Symbols have been attributed to elements which span more than one page. The differences between the initial (Primary) Environmental Feature Reference Symbol and any additional (Secondary) versions are shown below.



**Environmental Functions (EF)**

- EFA Visual Screening
- EFB Landscape Integration
- EFC Enhancing the Built Environment
- EFD Nature Conservation and Biodiversity
- EFE Visual Amenity
- EFF Heritage
- EFG Auditory Amenity
- EFH Water Quality
- EFJ Agricultural / Highway Boundary
- EFK Access

**Project Design Report**

For further detail on the Landscape Design and Special Category Land shown within these plans, as well as the associated background and approach, please refer to the Project Design Report, Volume 2 Book of Plans, and Design Principles document (Application Documents 7.4, 6.2 and 7.5 respectively).

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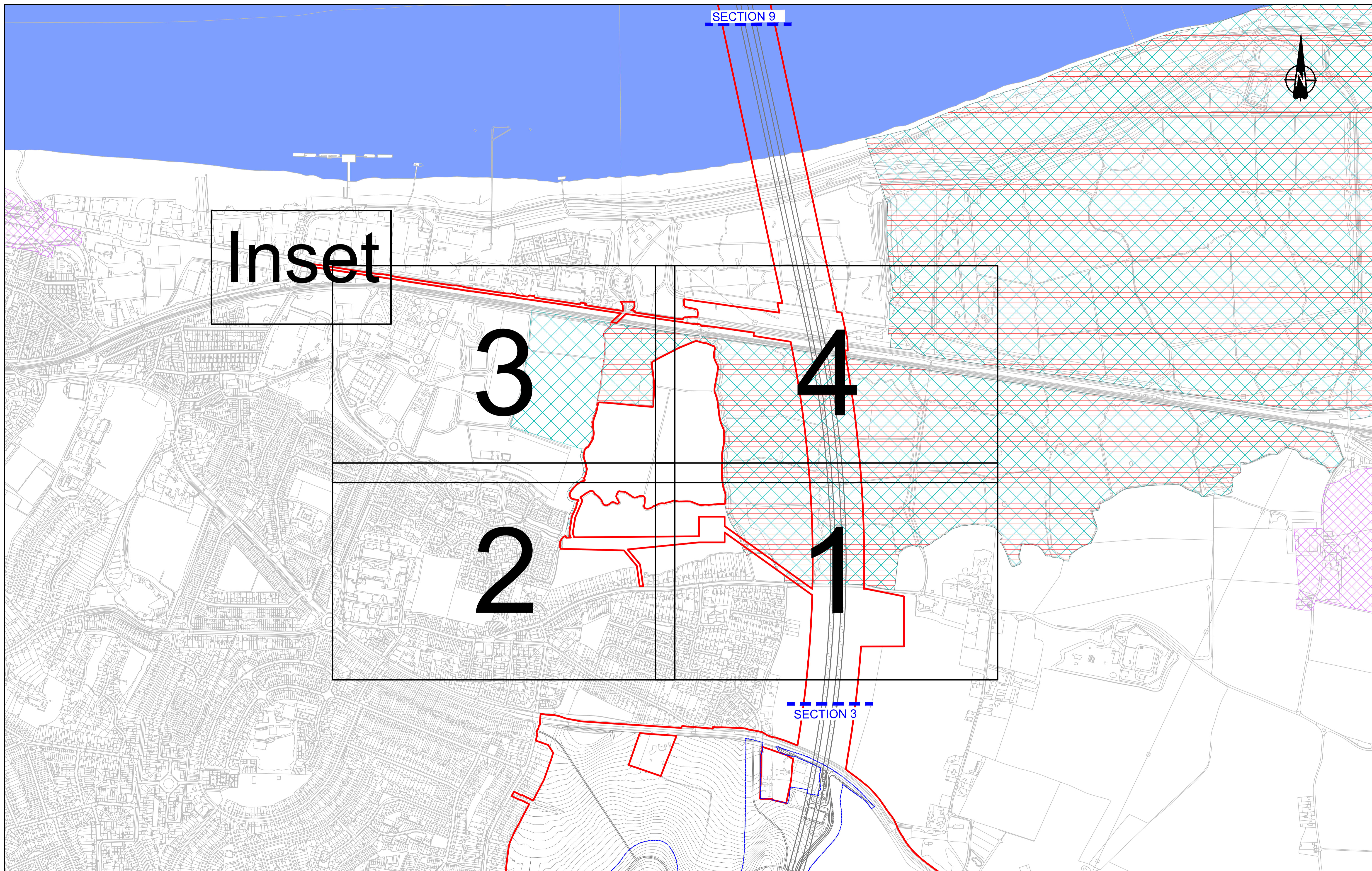
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P02	S8	11/12/2023	Deadline 9 GH1 RO BF
Rev	Status	Rev. Date	Purpose of revision
			Drawn
			Check'd
			Apprv'd

Client:

Project: LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	AS SHOWN		
Drawing title	ENVIRONMENTAL MASTERPLAN LEGEND				
Drawing Number	HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001				

## 1.4 Section 4



**Inset**

SECTION 9

3

4

2

1

SECTION 3

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0 50 100 150 200 250 300 350 400 450 500  
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 SCALE 1:10000 (A3)  
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P01	S2	25/10/2022	DCO Application	LD	PS	MH
P02	S8	11/12/2023	Deadline 9	GH	RO	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

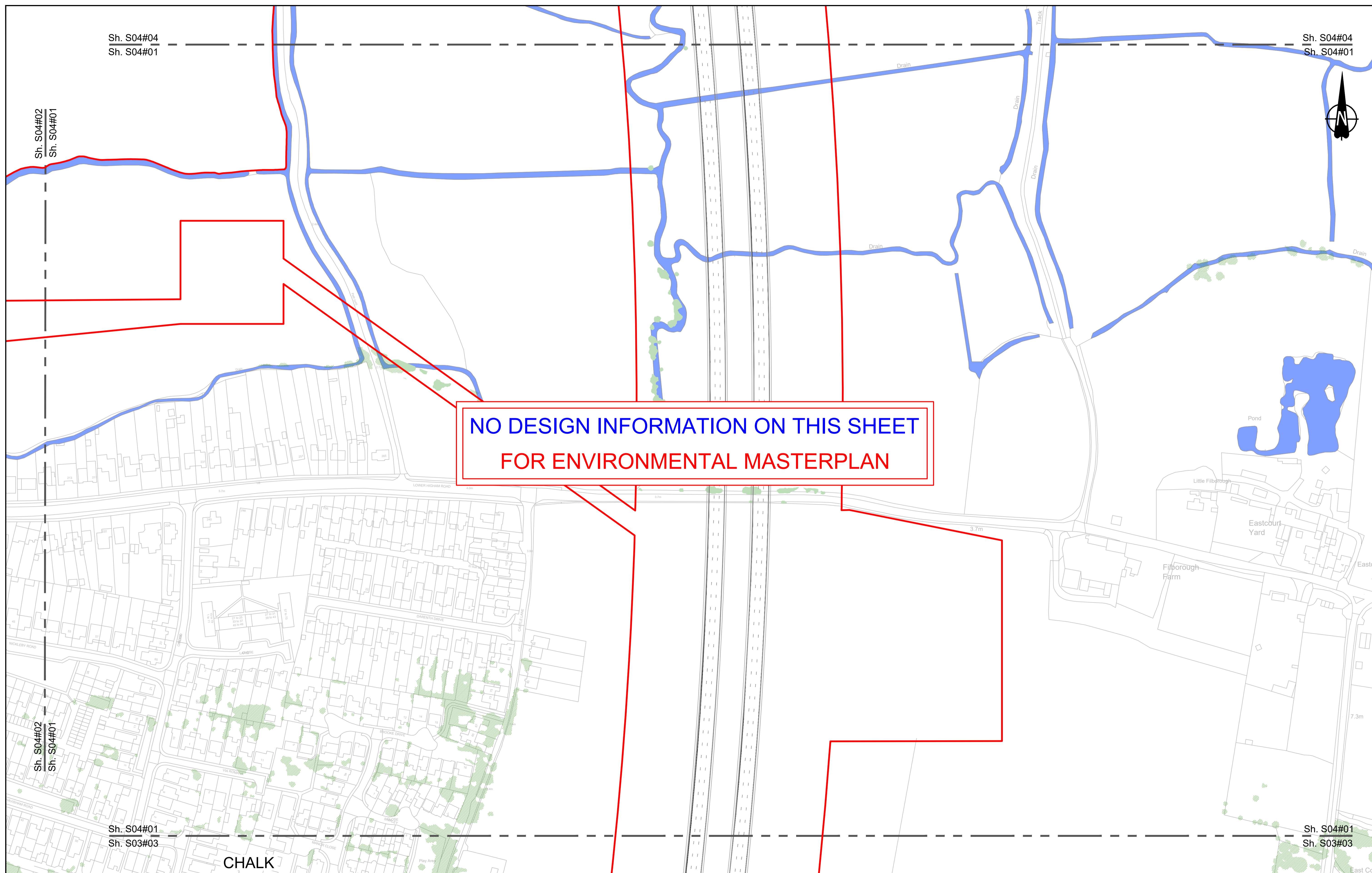
**LEGEND**

Order Limits	Registered Parks and Gardens
Permanent Acquisition of Land	Ramsar Sites
Area of Outstanding National Beauty (AONB)	Ancient Woodland
Site of Special Scientific Interest (SSSI)	Conservation Area

Client  
 national highways

Project  
 LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	AS SHOWN		
Drawing title	ENVIRONMENTAL MASTERPLAN OVERVIEW PLAN SECTION 4				
Drawing Number	HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ-00001				



NO DESIGN INFORMATION ON THIS SHEET  
FOR ENVIRONMENTAL MASTERPLAN

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SCALE 1:1250 (A1)  
SCALE 1:2500 (A3)

Section Overview Sheet. Refer to section overview plan at the start of the section.

P01	S2	25/10/2022		LD		
P02	S8	11/12/2023	Deadline 9	GH1 RO BF		
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ\_EN000000\_Z-DR-ZZ-00001).

Order Limits	<b>Planting (LE 2)</b>	LE 2.5 Shrubs With Intermittent Trees
Permanent Acquisition of Land	LE 2.1 Woodland	<b>Individual Trees (LE 5)</b>
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	<b>Wetland Habitats (LE 6)</b>
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 6.11 Water Bodies - Coastal Grazing Marsh
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	<b>Hedges (LE 4)</b>
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.3 Native Species Hedge (untrimmed)
		LE 4.4 Native Hedgerow With Trees

LE 6.4 Wet Grassland	<b>Ecological (E 3)</b>	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 6.42 Ancient Woodland Compensation Planting	E 3.2 Dormouse Boxes	E 3.2 Bat Boxes
LE 6.43 Woodland Mitigation Planting	E 3.2 Bat Boxes	E 3.2 Ecological Culvert
LE 6.44 Wetland / Fenland Creation	E 3.2 Bat Boxes	E 3.2 Bat Barn Block
LE 6.45 Ecology Pond (indicative symbol only)	E 3.2 Bat Barn Block	
LE 6.46 Acid Grassland Soil Salvage		

Client

Project

LOWER THAMES CROSSING

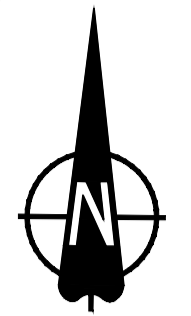
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Drawing Number	HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ-00002				

Sh. S04#03  
Sh. S04#02

Sh. S04#03  
Sh. S04#02

Sh. S04#02  
Sh. S04#01

Sh. S04#02  
Sh. S04#01



**NO DESIGN INFORMATION ON THIS SHEET  
FOR ENVIRONMENTAL MASTERPLAN**

North Kent College

Great Clane Lane Marshes

CHALK

Sh. S04#02  
Sh. S03#05

Sh. S04#02  
Sh. S03#05

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SCALE 1:1250 (A1)  
SCALE 1:2500 (A3)

Section Overview Sheet: Refer to section overview plan at the start of the section.

S2	25/10/2022	LD				
P02	S8	11/12/2023				
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Appr'd

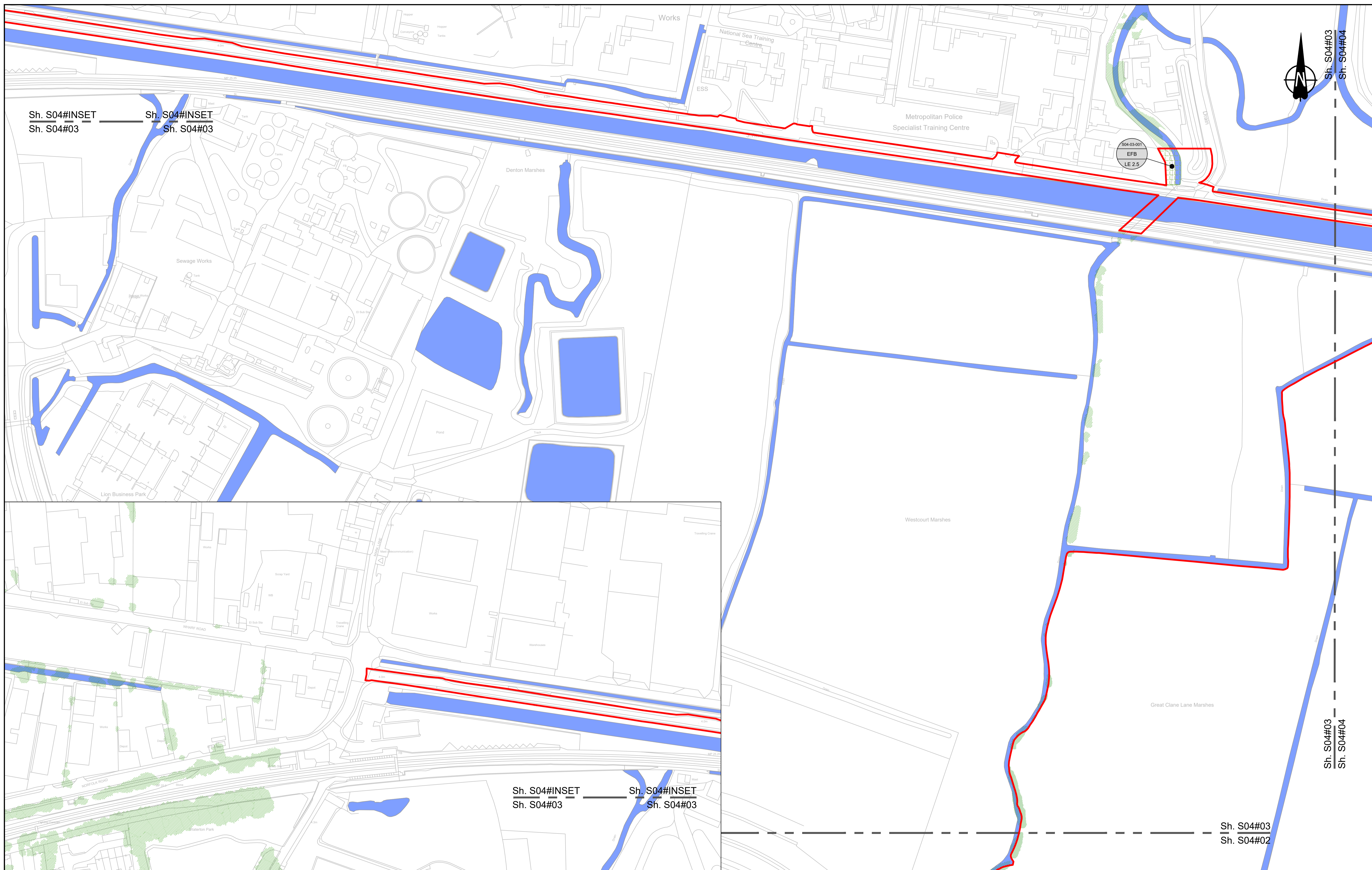
**Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ\_EN000000\_Z-DR-ZZ-00001).**

<p><b>Order Limits</b></p> <ul style="list-style-type: none"> <li>Order Limits</li> <li>Permanent Acquisition of Land</li> </ul> <p><b>Grassland (LE 1)</b></p> <ul style="list-style-type: none"> <li>LE 1.3 Species Rich Chalk Grassland</li> <li>LE 1.31 Species Rich Chalk Grassland</li> <li>LE 1.32 Species Rich Annual Wildflower Grassland</li> <li>LE 1.4 Rock and Scree</li> </ul>	<p><b>Planting (LE 2)</b></p> <ul style="list-style-type: none"> <li>LE 2.1 Woodland</li> <li>LE 2.11 Woodland With Non-Native Species</li> <li>LE 2.14 Wet / Carr Woodland</li> <li>LE 2.2 Woodland Edge</li> <li>LE 2.22 Scrub Woodland</li> <li>LE 2.4 Linear Belt of Shrubs and Trees</li> </ul> <p><b>Hedges (LE 4)</b></p> <ul style="list-style-type: none"> <li>LE 4.3 Native Species Hedge (untrimmed)</li> <li>LE 4.4 Native Hedgerow With Trees</li> </ul>	<p><b>Individual Trees (LE 5)</b></p> <ul style="list-style-type: none"> <li>LE 5.1 Individual Trees</li> </ul> <p><b>Wetland Habitats (LE 6)</b></p> <ul style="list-style-type: none"> <li>LE 6.11 Water Bodies - Standing Water</li> <li>LE 6.12 Water Bodies and Associated Plants - Shallow Scrape</li> <li>LE 6.2 Banks and Ditches</li> <li>LE 6.21 Banks and Ditches - High Tide Root Features</li> </ul>	<p><b>Wet Grassland</b></p> <ul style="list-style-type: none"> <li>LE 6.4 Wet Grassland</li> </ul> <p><b>Coastal Grazing Marsh</b></p> <ul style="list-style-type: none"> <li>LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh</li> </ul> <p><b>Hard Landscape Features (LE 7)</b></p> <ul style="list-style-type: none"> <li>LE 7.4 Reinforced Earth Bund</li> </ul> <p><b>Earthworks</b></p> <ul style="list-style-type: none"> <li>Proposed Contours</li> </ul>	<p><b>Ecological Habitats (LE 8)</b></p> <ul style="list-style-type: none"> <li>LE 8.1 Open Mosaic Habitat</li> <li>LE 8.2 Ancient Woodland Compensation Planting</li> <li>LE 8.3 Woodland Mitigation Planting</li> <li>LE 8.4 Wetland / Fenland Creation</li> <li>LE 8.5 Ecology Pond (indicative symbol only)</li> <li>LE 8.6 Acid Grassland Soil Salvage</li> </ul>	<p><b>Ecological (E 3)</b></p> <ul style="list-style-type: none"> <li>E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species</li> <li>E 3.2 Dormouse Boxes</li> <li>E 3.2 Bat Boxes</li> <li>E 3.2 Ecological Culvert</li> <li>E 3.2 Bat Barn Block</li> <li>E 3.2 Ecological Fencing (inc. highway boundary fence)</li> <li>E 3.2 Barn Owl Box</li> </ul>
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Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 4 SHEET 2				
Drawing Number	HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ-00003				



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SCALE 1:2500 (A3)

Section Overview Sheet. Refer to section overview plan at the start of the section.

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	S2	25/10/2022				
P02	S8	11/12/2023	Deadline 9	GH1	RO	BF

**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ\_EN000000\_Z-DR-ZZ-00001).

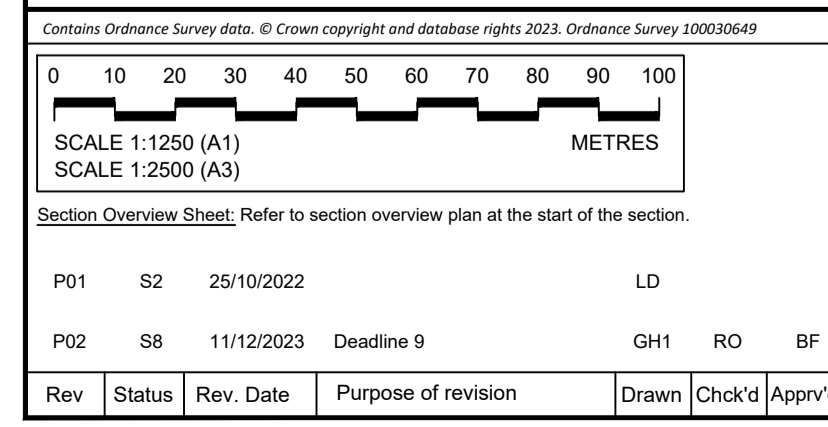
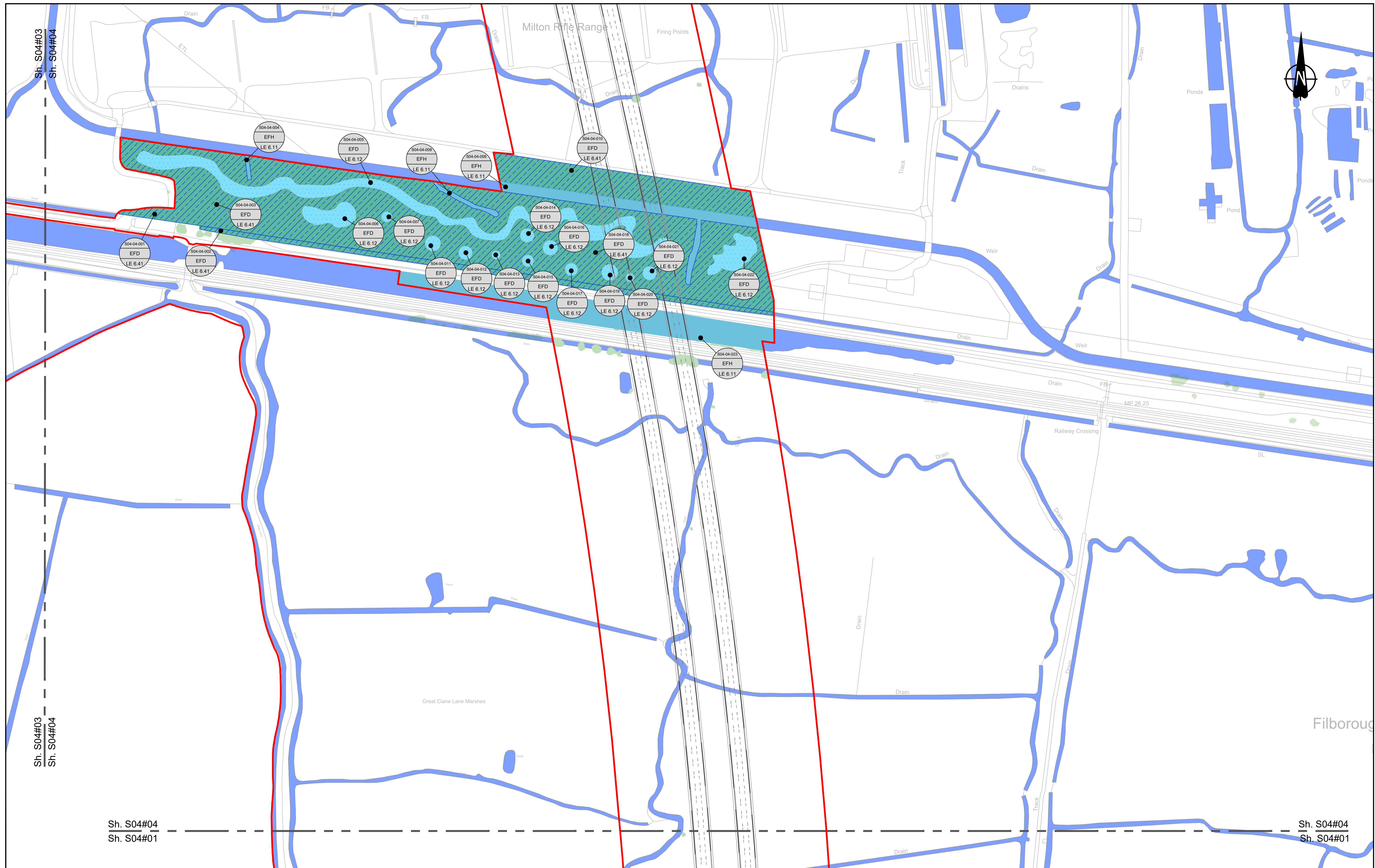
Order Limits	<b>Planting (LE 2)</b>	LE 2.5 Shrubs With Intermittent Trees	<b>Individual Trees (LE 5)</b>	LE 6.4 Wet Grassland	<b>Ecological Habitats (LE 8)</b>	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	<b>Ecological (E 3)</b>
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees	<b>Wetland Habitats (LE 6)</b>	LE 6.41 Marsh and Wet Grassland Coastal Grazing Marsh	LE 8.1 Open Mosaic Habitat	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Ecological Fencing (inc. highway boundary fence)
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	LE 2.7 Scattered Trees	LE 6.11 Water Bodies - Standing Water	LE 8.2 Ancient Woodland Compensation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes	E 3.2 Bat Owl Box
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 2.8 Scrub / Scattered Scrub	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.3 Woodland Mitigation Planting	<b>Water (E 2)</b>	E 3.2 Bat Boxes	E 3.2 Ecological Culvert
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	<b>Hedges (LE 4)</b>	LE 6.2 Banks and Ditches	LE 8.4 Wetland / Fenland Creation	Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Barn Block	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.3 Native Species Hedge (untrimmed)	LE 6.21 Banks and Ditches - High Tide Roost Features	LE 8.5 Ecology Pond (indicative symbol only)	Flood Defence (E 2-FD)		
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.4 Native Hedgerow With Trees	<b>Earthworks</b>	LE 8.6 Acid Grassland Soil Salvage			
			Proposed Contours				

Client

Project **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P02
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 4 SHEET 3		
Drawing Number	HE540039-CJV-EGN-S04_EN000000_Z-DR-ZZ-00004		

HE540039-CJV-EGN-S04\_EN000000\_Z-DR-ZZ-00004.dwg



**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ\_EN000000\_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	LE 5.2 Scattered Trees
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	Wetland Habitats (LE 6)
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.1 Water Bodies - Standing Water
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	LE 6.11 Water Bodies - Coastal Grazing Marsh
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.2 Banks and Ditches - High Tide Roost Features
LE 1.4 Rock and Scree		Hard Landscape Features (LE 7)
		LE 7.4 Reinforced Earth Bund
		Earthworks
		Proposed Contours

Ecological Habitats (LE 8)	Noise (E 1)	Water (E 2)
LE 8.1 Open Mosaic Habitat	LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	LE 2.5 Nitrogen Deposition (NDEP) Compensation Area
LE 8.2 Ancient Woodland Compensation Planting	Flood Compensation Areas (E 2-FCAs)	
LE 8.3 Woodland Mitigation Planting	Flood Defence (E 2-FD)	
LE 8.4 Wetland / Fenland Creation		
LE 8.5 Ecology Pond (indicative symbol only)		
LE 8.6 Acid Grassland Soil Salvage		

Ecological (E 3)	E 3.2 Ecological Fencing (inc. highway boundary fence)
E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Ecological Fencing (inc. highway boundary fence)
E 3.2 Dormouse Boxes	
E 3.2 Bat Boxes	
E 3.2 Ecological Culvert	
E 3.2 Bat Barn Block	

Client: **national highways**

Project: **LOWER THAMES CROSSING**

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