

# Lower Thames Crossing

## 6.2 Environmental Statement

### Figure 2.4: Environmental Masterplan Section 2 (2 of 10) (Clean version)

APFP Regulation 5(2)(a)

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

Volume 6

**DATE: December 2023**  
**DEADLINE: 9**

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

**VERSION: 5.0**

### Revision history

Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	3 August 2023	Deadline 2
3.0	24 August 2023	Deadline 3
4.0	17 November 2023	Deadline 7
5.0	11 December 2023	Deadline 9



# Lower Thames Crossing

## 6.2 Environmental Statement Figure 2.4: Environmental Masterplan Section 2 (2 of 10) (Clean version)

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# 1 Environmental Masterplan: Section 2

## 1.1 Schedule of Plans included in this application document

### 1.1.1 Section 2 (Sheets 1-21)

HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00001 – Section 2 Overview	TR010032/APP/6.2	P04
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00002 - Section 2 Sheet 1	TR010032/APP/6.2	P04
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00003 - Section 2 Sheet 2	TR010032/APP/6.2	P03
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00004 - Section 2 Sheet 3	TR010032/APP/6.2	P03
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00005 - Section 2 Sheet 4	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00006 - Section 2 Sheet 5	TR010032/APP/6.2	P03
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00007 - Section 2 Sheet 6	TR010032/APP/6.2	P04
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00008 - Section 2 Sheet 7	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-  00009 - Section 2 Sheet 8	TR010032/APP/6.2	P02

HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00010 - Section 2 Sheet 9	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00012 - Section 2 Sheet 11	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00014 - Section 2 Sheet 13	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00016 - Section 2 Sheet 15	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00017 - Section 2 Sheet 16	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00018 - Section 2 Sheet 17	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00019 - Section 2 Sheet 18	TR010032/APP/6.2	P03
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00020 - Section 2 Sheet 19	TR010032/APP/6.2	P03
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ- 00021 - Section 2 Sheet 20	TR010032/APP/6.2	P02

HE540039-CJV-EGN-S02\_EN000000\_Z-  
DR-ZZ-

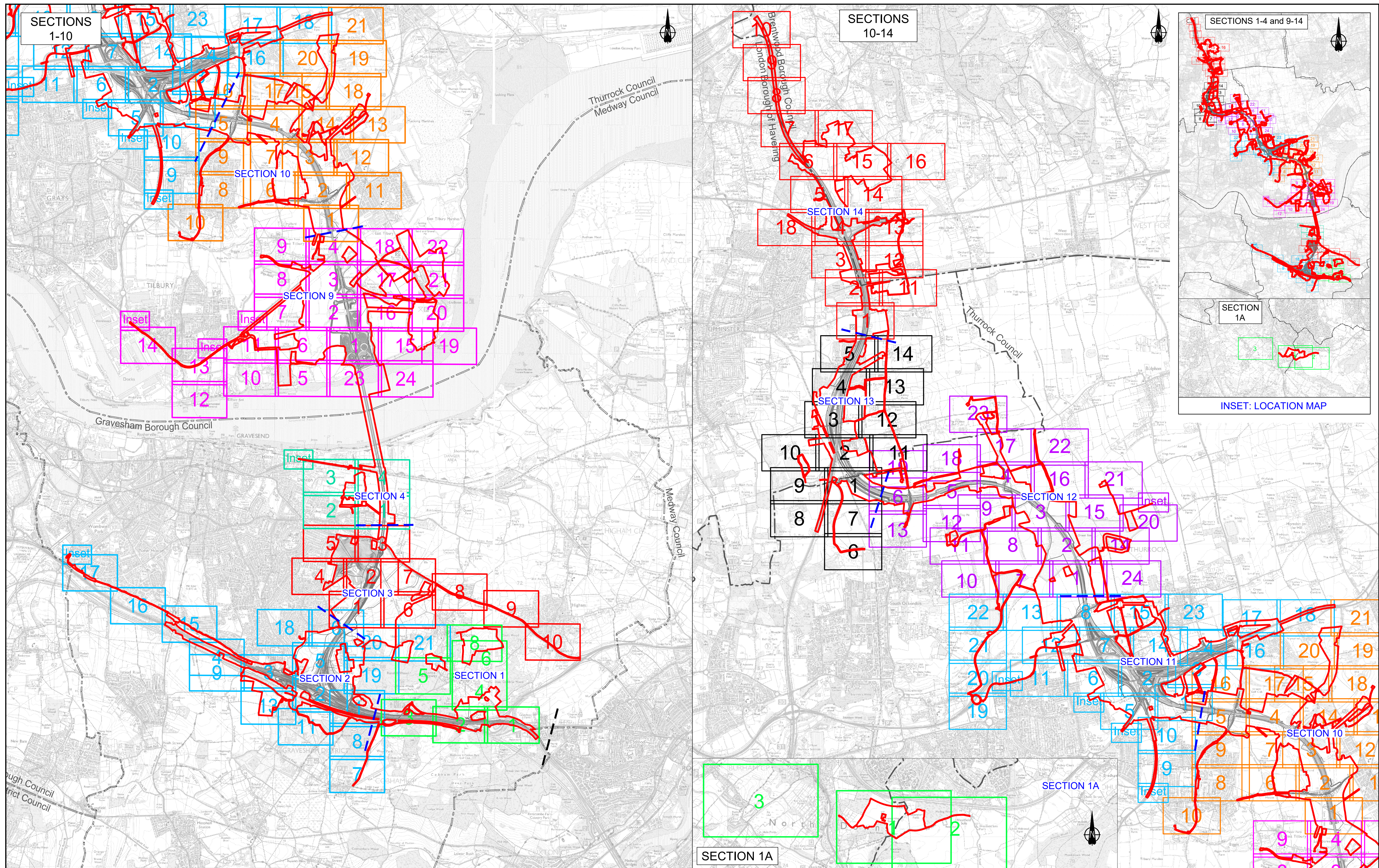
TR010032/APP/6.2

P02

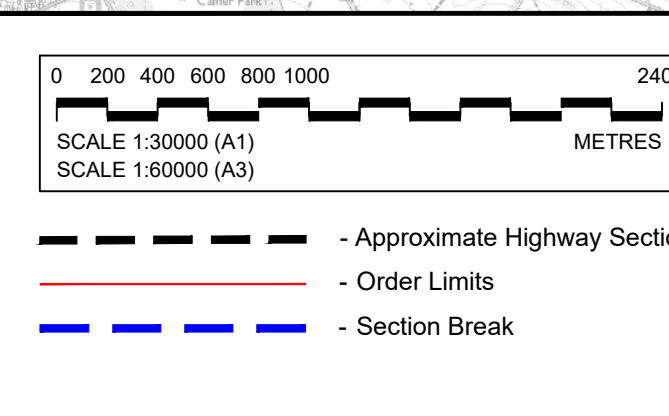
00022 - Section 2 Sheet 21

## 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	BB
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

Project

**LOWER THAMES CROSSING**

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



## 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**

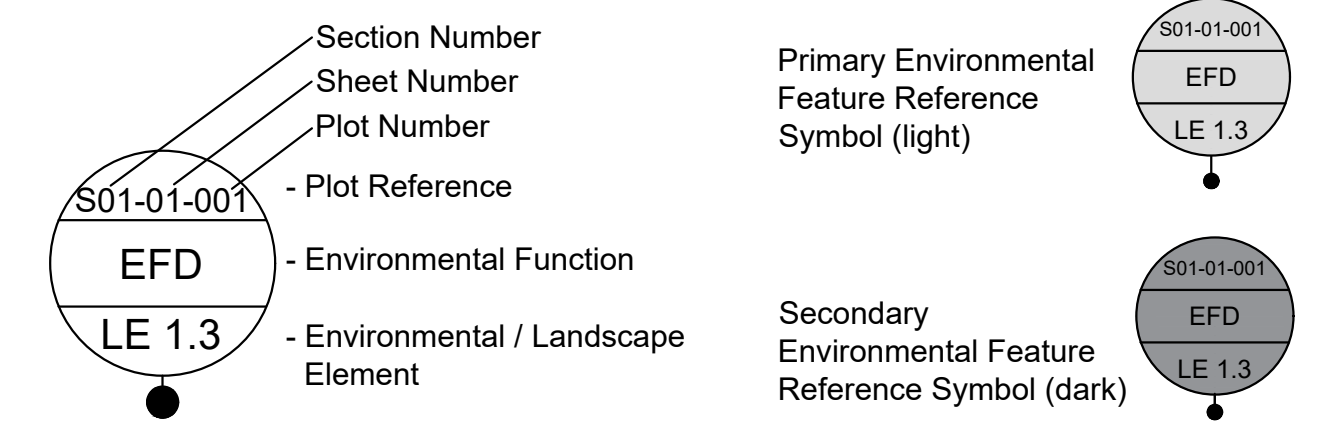
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environment Masterplan secures the spatial extent and location of the environmental / landscape elements detailed 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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P01	S2	27/10/2022	LD
P02	S8	11/12/2023	Deadline 9
Rev	Status	Rev. Date	Purpose of revision
			Drawn
			Check'd
			Apprv'd

Client:

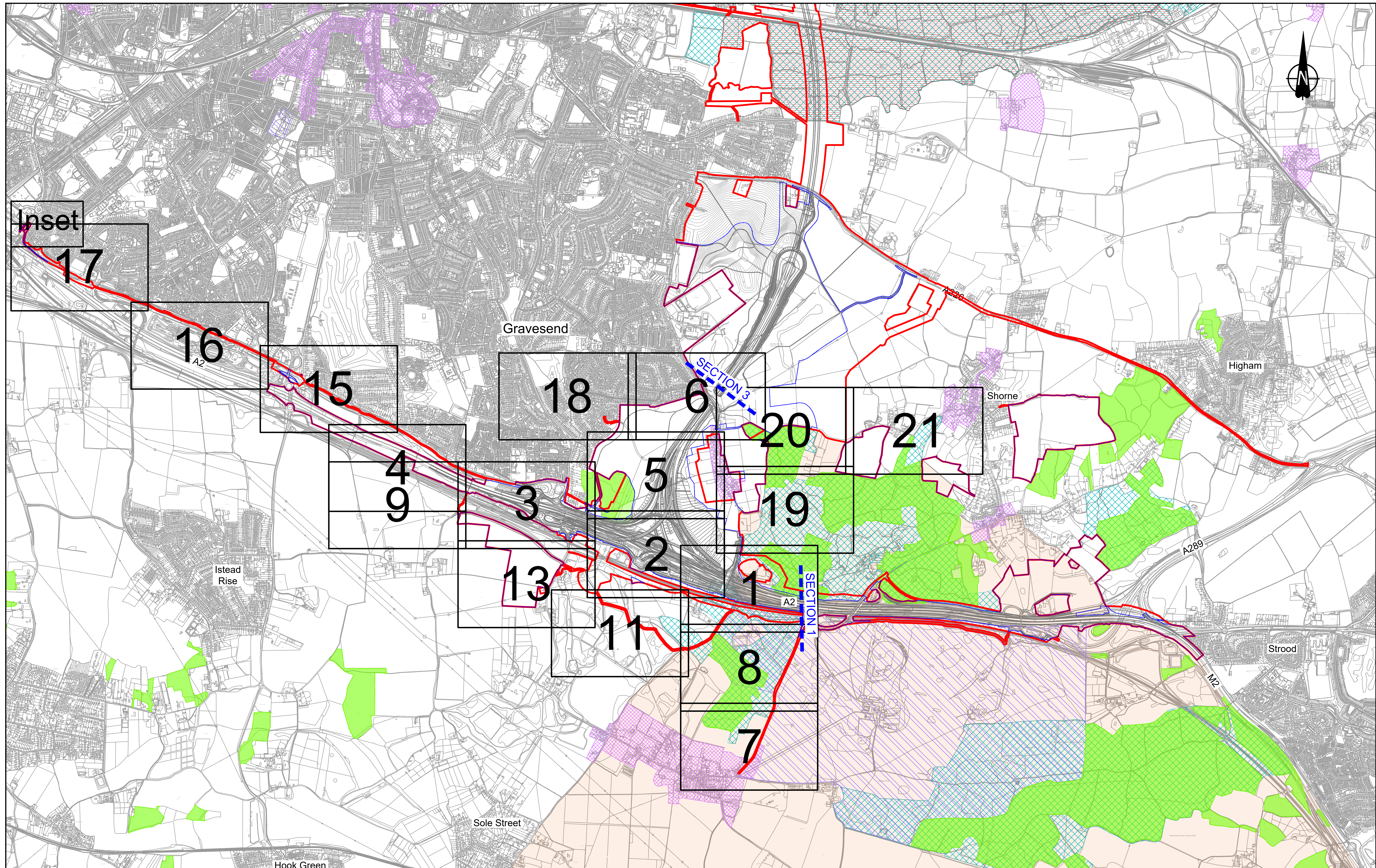
Project: LOWER THAMES CROSSING

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 2





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METRES

SCALE 1:5000 (A1)  
SCALE 1:10000 (A3)

P01	S2	25/10/2022	DCO Application	SA	PS	MH
P02	S8	03/08/2023	Deadline 2	PS	SK	BF
P03	S8	17/11/2023	Deadline 7	GH1	RO	BF
P04	S8	11/12/2023	Deadline 9	GH1	RO	BF

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

**Notes:**

1. The sheets presented cover the full extent of the Order Limits. The sheet numbering for section 2 is not sequential due to alteration to the Order Limits prior to submissions resulting in sheets 10, 12, and 14 being removed in the submission set

**LEGEND**

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

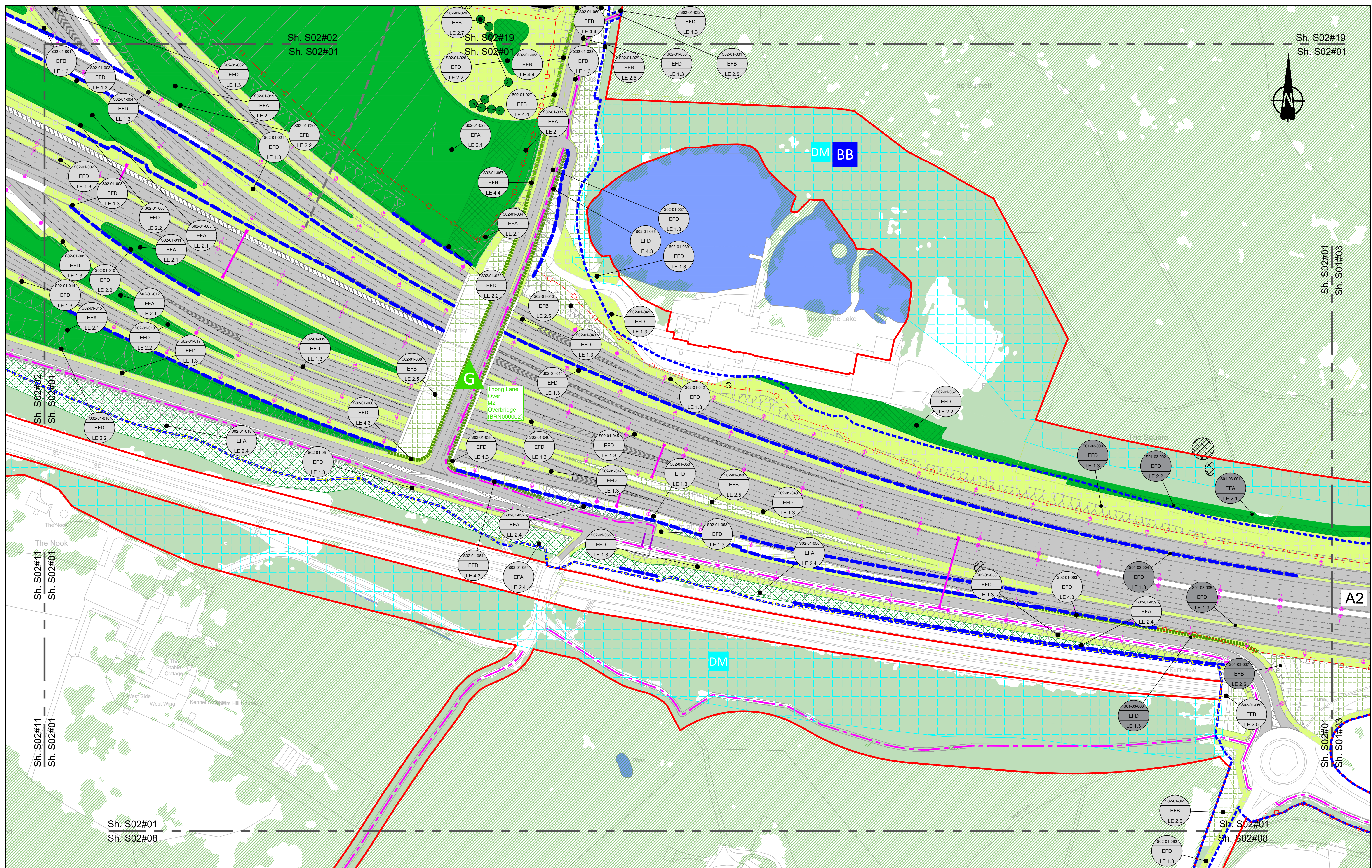
Client

Project

**LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P04
Application Document Number	TR010032/APP/6.2	Scale	AS SHOWN		
Drawing title	<b>ENVIRONMENTAL MASTERPLAN OVERVIEW PLAN SECTION 2</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00001				





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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.

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S2	25/10/2022	DCO Application	SA	PS	MH
P02	S8	03/08/2023	Deadline 2	PS	SK	BF
P03	S8	17/11/2023	Deadline 7	GH1	RO	BB
P04	S8	11/12/2023	Deadline 9	GH1	RO	BF

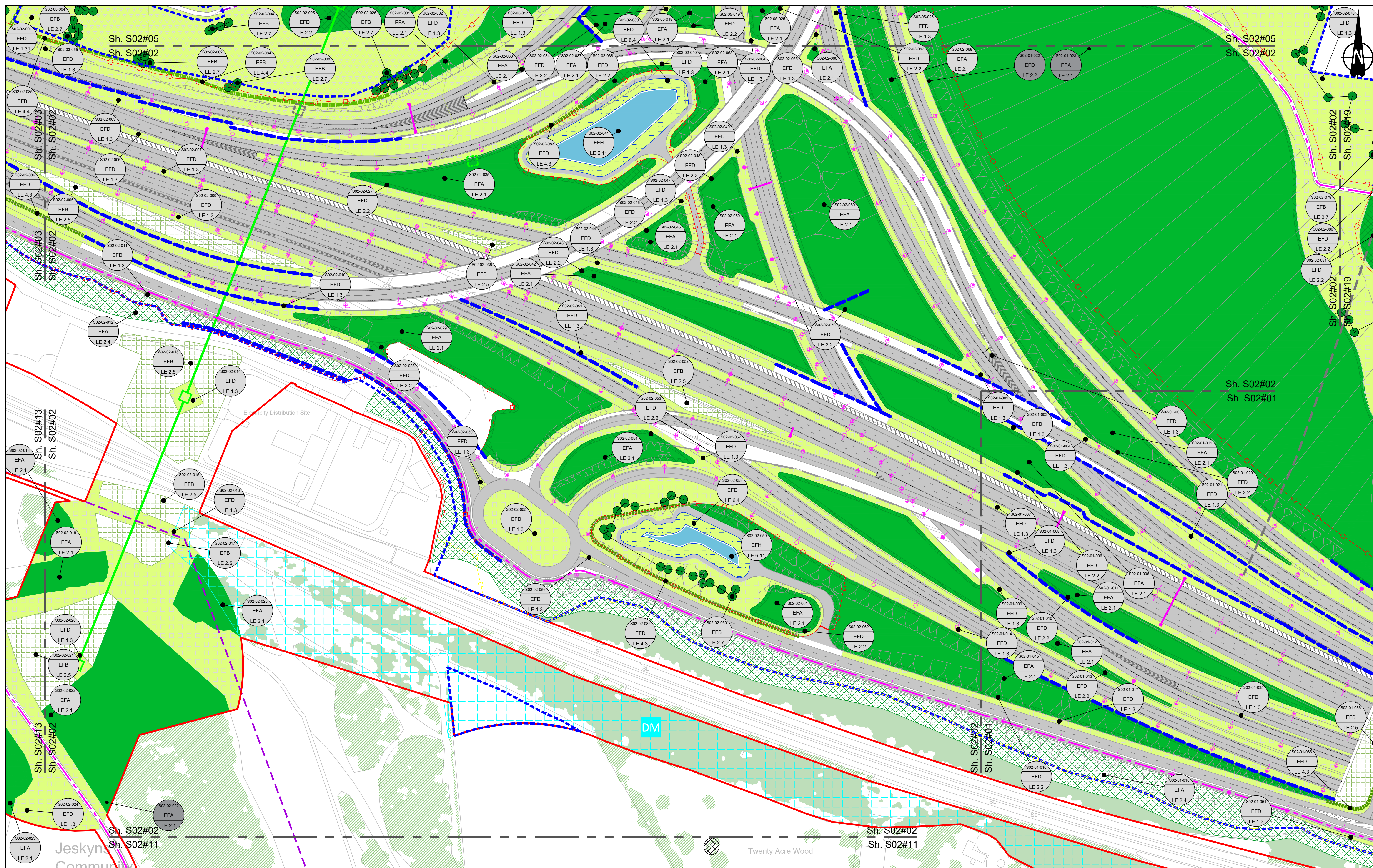
**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN000000\_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Noise (E 1)	Water (E 2)
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat	LE 1.1 Nitrogen Deposition (NDEP) Compensation Area	LE 2.1 Flood Compensation Areas (E 2-FCAs)
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	LE 5.11 Wetland Habitats (LE 6)	LE 8.2 Ancient Woodland Compensation Planting	LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	LE 2.2 Flood Defence (E 2-FD)
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	LE 6.1 Wetland Habitats (LE 6)	LE 8.3 Woodland Mitigation Planting	LE 2.3 Ecological Fencing (inc. highway boundary fence)	
LE 1.1 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.11 Water Bodies - Coastal Grazing Marsh	LE 8.4 Wetland / Fenland Creation		
LE 1.13 Species Rich Chalk Grassland	LE 2.22 Woodland Woodland	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.5 Ecology Pond (indicative symbol only)		
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.2 Banks and Ditches			
LE 1.4 Rock and Scree		LE 6.21 Banks and Ditches - High Tide Roost Features			
		LE 6.4 Wet Grassland			
		LE 6.41 Marsh and Wet Grassland			
		LE 6.42 Ancient Woodland Compensation Planting			
		LE 6.43 Wetland Mitigation Planting			
		LE 6.44 Wetland / Fenland Creation			
		LE 6.45 Ecology Pond (indicative symbol only)			
		LE 6.46 Banks and Ditches - High Tide Roost Features			
		LE 6.47 Acid Grassland Soil Salvage			

	Client	DCO Examination	Original Size	Revision
	Application Document Number	TR010032/APP/6.2	A1	P04
	Project	ENVIRONMENTAL MASTERPLAN	Scale	1:1250
		SECTION 2		
		SHEET 1		
	Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00002		

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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	DCO Application	LD	PS	MH
P02	S9	03/08/2023	Deadline 2	PS	SK	BF
P03	S8	11/12/2023	Deadline 9	GH1	RO	BFF

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	<b>Individual Trees (LE 5)</b>	LE 6.4 Wet Grassland
Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.7 Scattered Trees	LE 5.1 Individual Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	LE 2.8 Scrub / Scattered Scrub	<b>Wetland Habitats (LE 6)</b>	LE 8.2 Ancient Woodland Compensation Planting
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 1.32 Species Rich Annual Wildflower Grassland	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.3 Woodland Mitigation Planting
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 1.4 Rock and Scree	LE 6.2 Banks and Ditches	LE 8.4 Wetland / Fenland Creation
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 1.4 Linear Belt of Shrubs and Trees	LE 6.21 Banks and Ditches - High Tide Roost Features	LE 8.5 Ecology Pond (indicative symbol only)
LE 1.33 Species Rich Annual Wildflower Grassland	LE 2.4 Reinforced Earth Bund		<b>Hard Landscape Features (LE 7)</b>	LE 8.6 Acid Grassland Soil Salvage
LE 1.34 Rock and Scree	LE 7.4 Reinforced Earth Bund		<b>Earthworks</b>	
	Proposed Contours		Proposed Contours	

LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	<b>Ecological (E 3)</b>	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Barn Owl Box
<b>Noise (E 1)</b>	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes	E 3.2 Ecological Fencing (inc. highway boundary fence)
<b>Water (E 2)</b>	Flood Compensation Areas (E 2-FA)	E 3.2 Bat Boxes	E 3.2 Ecological Culvert
Flood Defence (E 2-FD)		E 3.2 Bat Barn Block	

Client

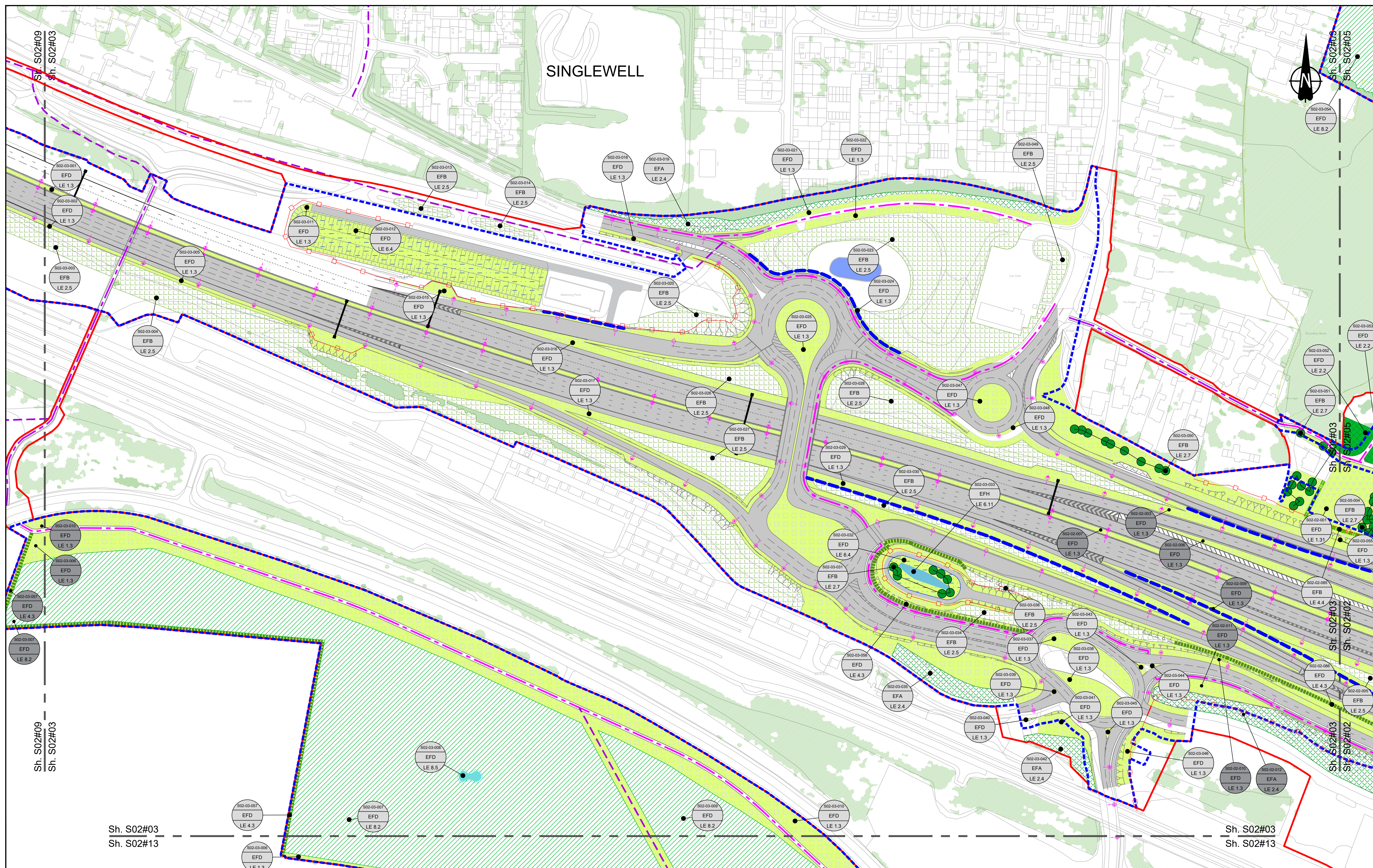
Project

**LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 2</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00003				

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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	DCO Application	LD	PS	MH
P02	S9	03/08/2023	Deadline 2	PS	SK	BF
P03	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-SZ2\_EN000000\_Z-DR-ZZ-00001)

Order Limits	<b>Planting (LE 2)</b> 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	<b>Individual Trees (LE 5)</b> LE 5.1 Individual Trees	<b>Wetland Habitats (LE 6)</b> LE 6.11 Water Bodies - Standing Water LE 6.12 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features	<b>Ecological Habitats (LE 8)</b> 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	<b>Noise (E 1)</b> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	<b>Ecological (E 3)</b> E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species E 3.2 Dormouse Boxes E 3.2 Bat Boxes E 3.2 Ecological Culvert E 3.2 Bat Barn Block
Permanent Acquisition of Land	<b>Hedges (LE 4)</b> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees	<b>Hard Landscape Features (LE 7)</b> LE 7.4 Reinforced Earth Bund	<b>Earthworks</b> Proposed Contours	<b>Water (E 2)</b> Flood Compensation Areas (E 2-1-CA) Flood Defence (E 2-FD)	E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence)	

Client: national highways

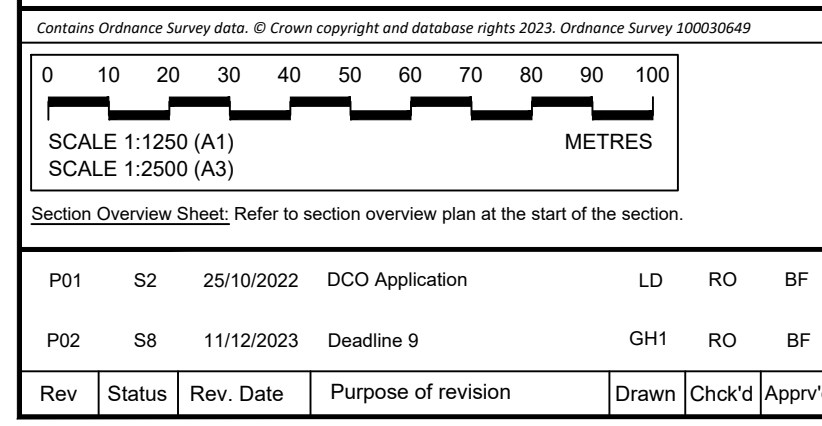
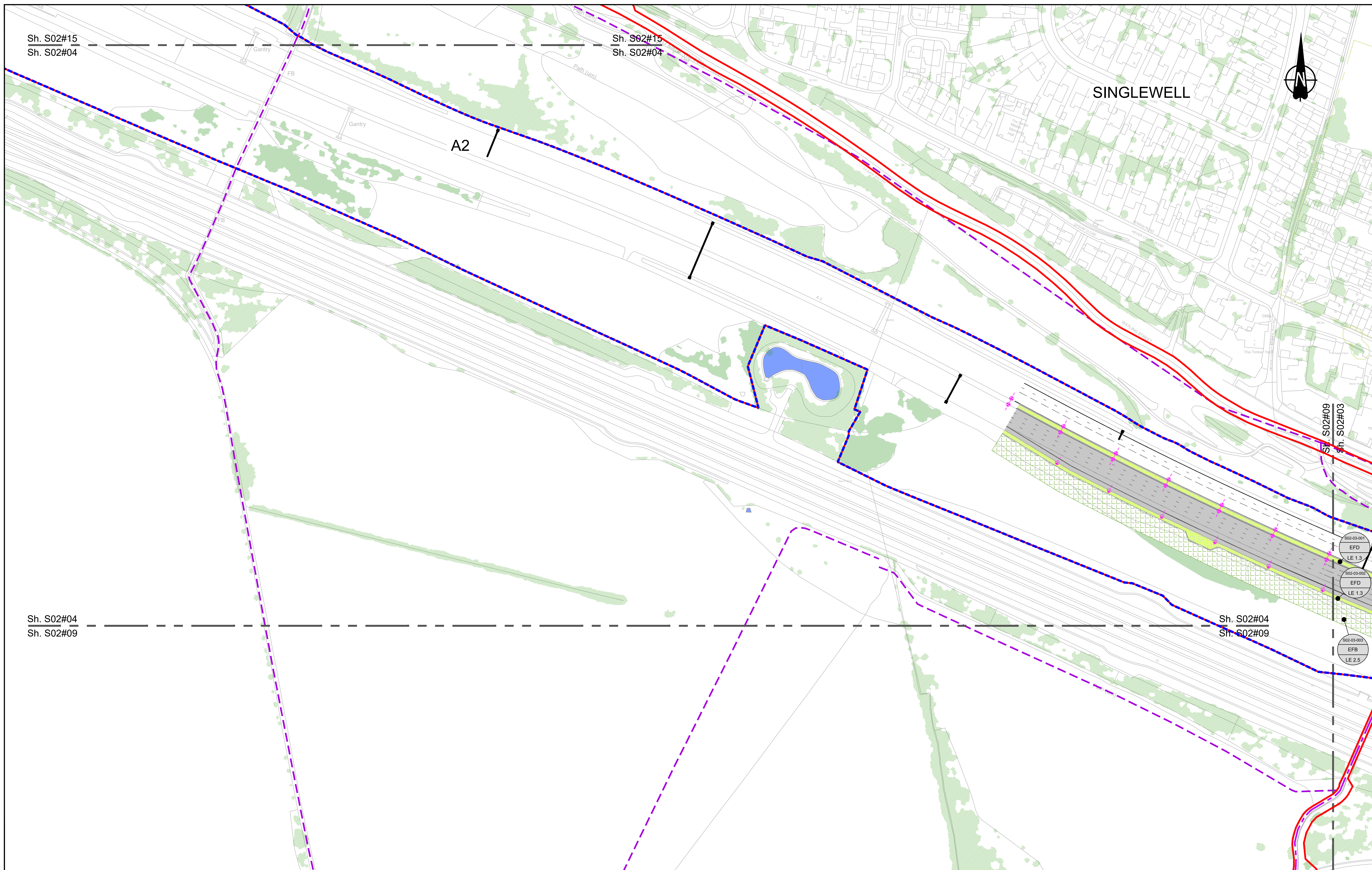
Project: LOWER THAMES CROSSING

Status: DCO Examination  
Application Document Number: TR010032/APP/6.2  
Drawing title: ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 3  
Drawing Number: HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00004

Original Size: A1  
Scale: 1:1250  
Revision: P03

HE540039-CJV-EGN-S02\_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).

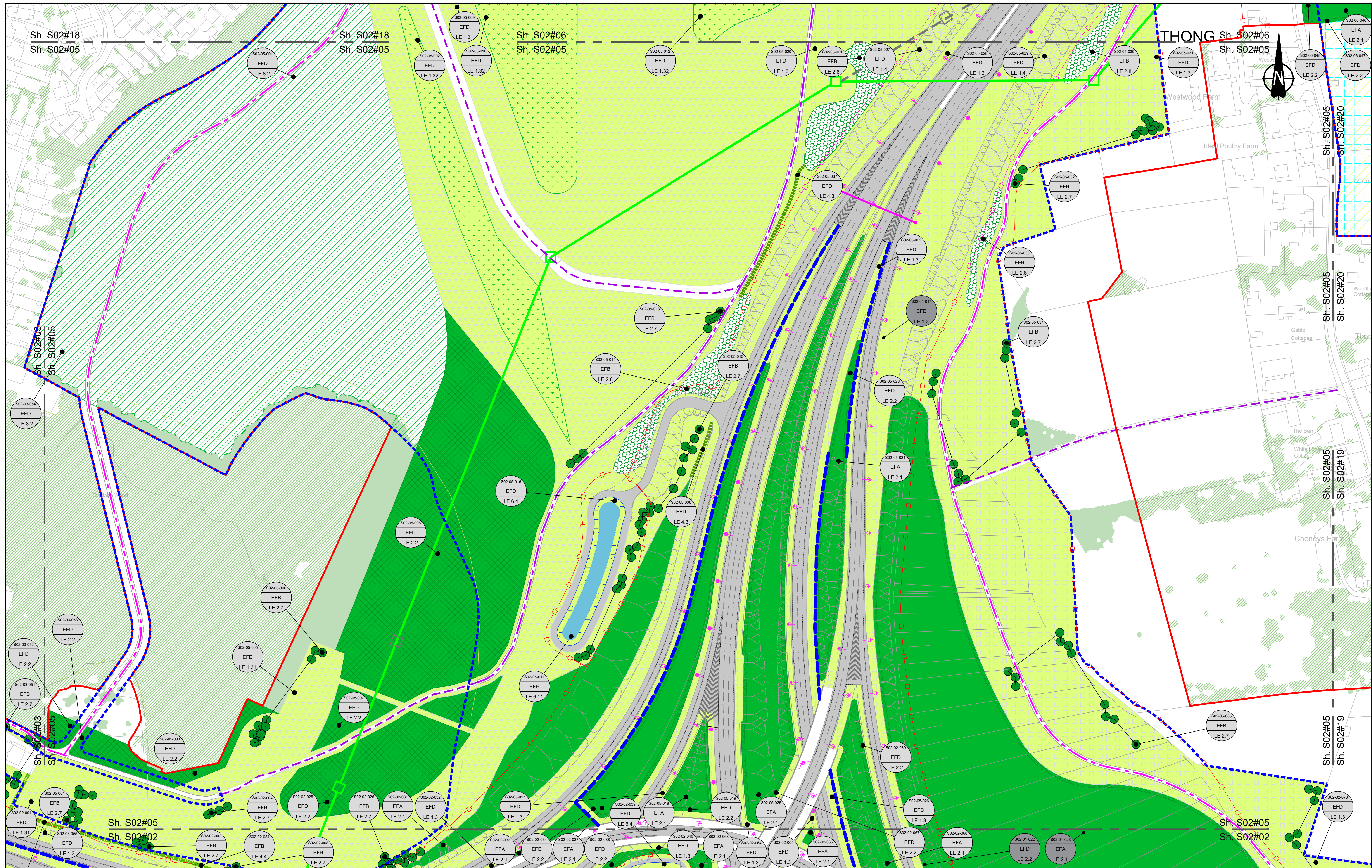
Order Limits	<b>Planting (LE 2)</b>	LE 2.5 Shrubs With Intermittent Trees	<b>Individual Trees (LE 5)</b>	LE 6.4 Wet Grassland	<b>Ecological (E 3)</b>
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees	<b>Wetland Habitats (LE 6)</b>	LE 8.1 Open Mosaic Habitat	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	<b>Wetland Habitats (LE 6)</b>	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)
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 2.7 Scattered Trees	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.3 Woodland Mitigation Planting	E 3.2 Dormouse Boxes
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 2.8 Scrub / Scattered Scrub	<b>Hedges (LE 4)</b>	LE 8.4 Wetland / Fenland Creation	E 3.2 Bat Boxes
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.3 Native Species Hedge (untrimmed)	LE 4.4 Native Hedgerow With Trees	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Ecological Culvert
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.4 Native Hedgerow With Trees	<b>Hard Landscape Features (LE 7)</b>	LE 8.6 Acid Grassland Soil Salvage	E 3.2 Ecological Fencing (inc. highway boundary fence)
			LE 7.4 Reinforced Earth Bund	<b>Water (E 2)</b>	E 3.2 Bat Owl Box
			LE 6.2 Banks and Ditches	E 2.2 Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Block
			LE 6.21 Banks and Ditches - High Tide Roost Features	E 2.2 Flood Defence (E 2-FD)	
			<b>Earthworks</b>		
			Proposed Contours		

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 2 SHEET 4				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00005				





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

Section Overview Sheet: Refer to main legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN000000\_Z-DR-ZZ-00001)

Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
P01	S2	25/10/2022	DCO Application	LD	SK	
P02	S9	03/08/2023	Deadline 2	PS	SK	BF
P03	S8	11/12/2023	Deadline 9	GH1	RO	BF

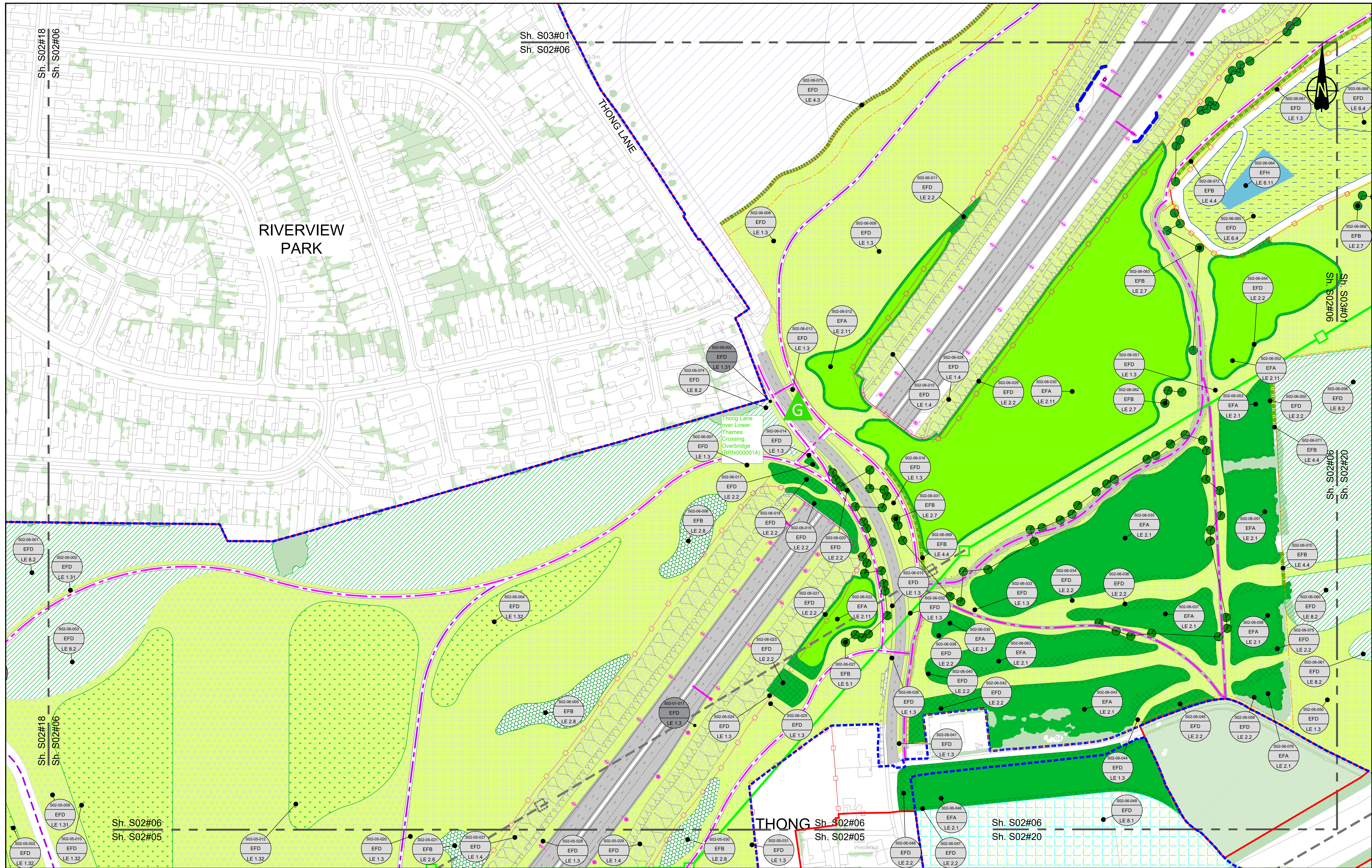
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2_EN000000_Z-DR-ZZ-00001)	
<b>Order Limits</b> Permanent Acquisition of Land <b>Grassland (LE 1)</b> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree	<b>Planting (LE 2)</b> 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 <b>Hedges (LE 4)</b> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees
<b>Individual Trees (LE 5)</b> LE 5.1 Individual Trees <b>Wetland Habitats (LE 6)</b> LE 6.11 Water Bodies - Standing Water LE 6.12 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features <b>Wetland Habitats (LE 6)</b> LE 6.4 Wet Grassland LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh <b>Hard Landscape Features (LE 7)</b> LE 7.4 Reinforced Earth Band <b>Earthworks</b> Proposed Contours	<b>Ecological Habitats (LE 8)</b> 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 <b>Ecological (E 3)</b> E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species E 3.2 Dormouse Boxes E 3.2 Bat Boxes E 3.2 Ecological Culvert E 3.2 Bat Barn Block E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence)
<b>Noise (E 1)</b> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <b>Water (E 2)</b> Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD)	<b>Ecological (E 3)</b> E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species E 3.2 Dormouse Boxes E 3.2 Bat Boxes E 3.2 Ecological Culvert E 3.2 Bat Barn Block E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence)

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P03
Scale	1:1250		
Drawing Title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 5</b>		
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00006		





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0 10 20 30 40 50 60 70 80 90 100 METRES

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	03/08/2023	Deadline 2	LD RO BF
P03	S8	17/11/2023	Deadline 7	GH1 RO BF
P04	S8	11/12/2023	Deadline 9	GH1 RO BF

Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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		Planting (LE 2)		Individual Trees (LE 5)
	Permanent Acquisition of Land		Grassland (LE 1)		Wetland Habitats (LE 6)
	Grassland (LE 1)		Hedges (LE 4)		Hard Landscape Features (LE 7)
	Grassland (LE 1)		Hedges (LE 4)		Earthworks

	Ecological Habitats (LE 8)		Noise (E 1)		Water (E 2)
	Ecological Habitats (LE 8)		Noise (E 1)		Water (E 2)
	Ecological Habitats (LE 8)		Noise (E 1)		Water (E 2)

	Ecological (E 3)		Ecological (E 3)
	Ecological (E 3)		Ecological (E 3)
	Ecological (E 3)		Ecological (E 3)

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **DCO Examination**

Application Document Number: **TR010032/APP/6.2**

Scale: **1:1250**

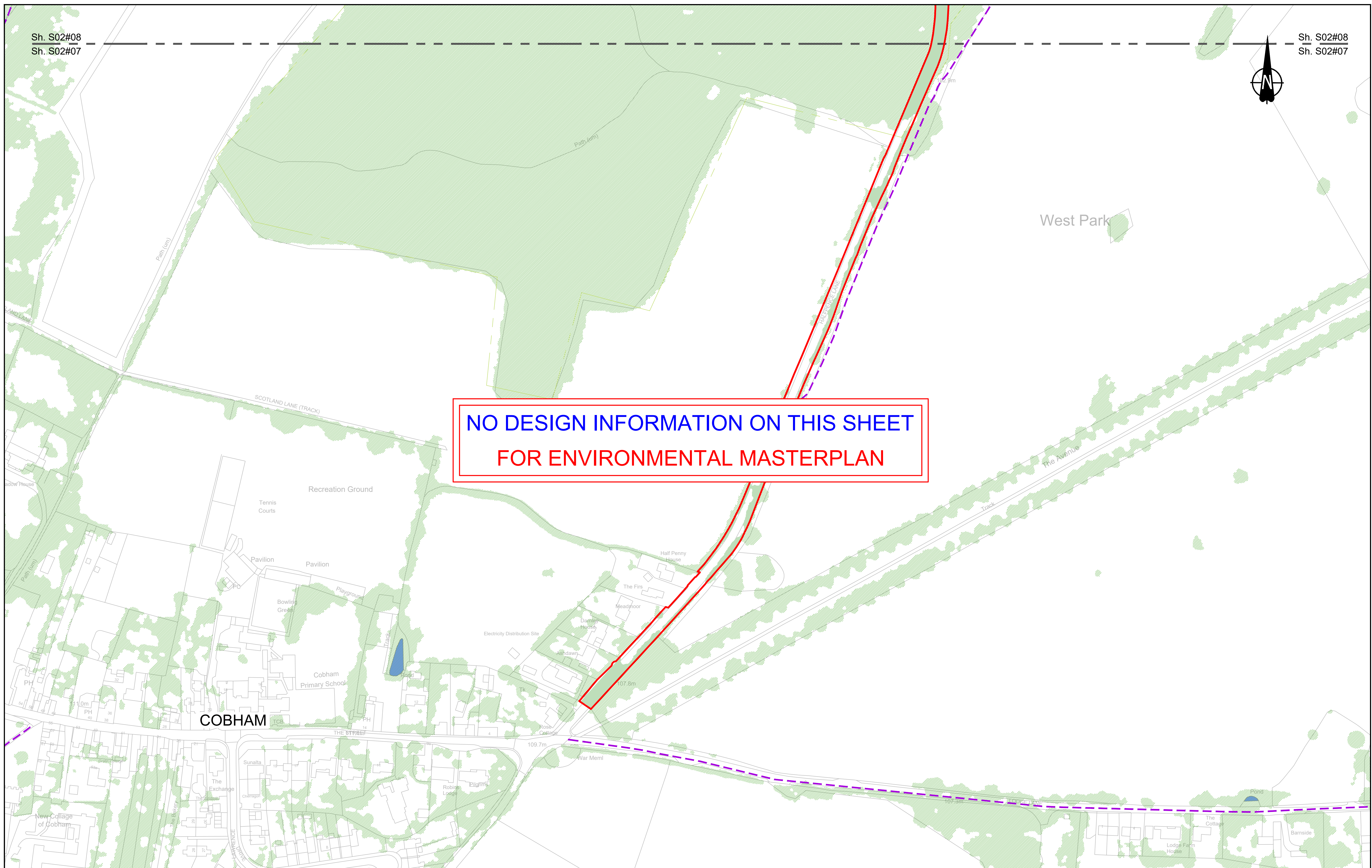
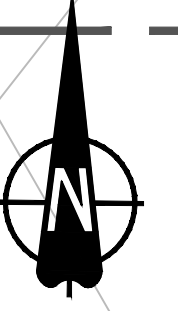
Original Size: **A1** Revision: **P04**

Drawing Title: **ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 6**

Drawing Number: **HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00007**

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00007.dwg





**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
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>	<b>Individual Trees (LE 5)</b>
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees
<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 - Standing Water
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	LE 6.2 Banks and Ditches
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.21 Banks and Ditches - High Tide Roost Features
	LE 2.5 Scrubs With Intermittent Trees	LE 6.4 Wet Grassland
	LE 2.7 Scattered Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh
	LE 2.8 Scrub / Scattered Scrub	<b>Hard Landscape Features (LE 7)</b>
	<b>Hedges (LE 4)</b>	LE 7.4 Reinforced Earth Bund
	LE 4.3 Native Species Hedge (untrimmed)	<b>Earthworks</b>
	LE 4.4 Native Hedgerow With Trees	Proposed Contours

LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	<b>Ecological (E 3)</b>
LE 8.2 Ancient Woodland Compensation Planting	<b>Noise (E 1)</b>	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
LE 8.3 Woodland Mitigation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes
LE 8.4 Wetland / Fenland Creation	<b>Water (E 2)</b>	E 3.2 Bat Boxes
LE 8.5 Ecology Pond (indicative symbol only)	Flood Compensation Areas (E 2-FCA)	E 3.2 Ecological Culvert
LE 8.6 Acid Grassland Soil Salvage	Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
	E 3.2 Ecological Fencing (inc. highway boundary fence)	
	E 3.2 Barn Owl Box	

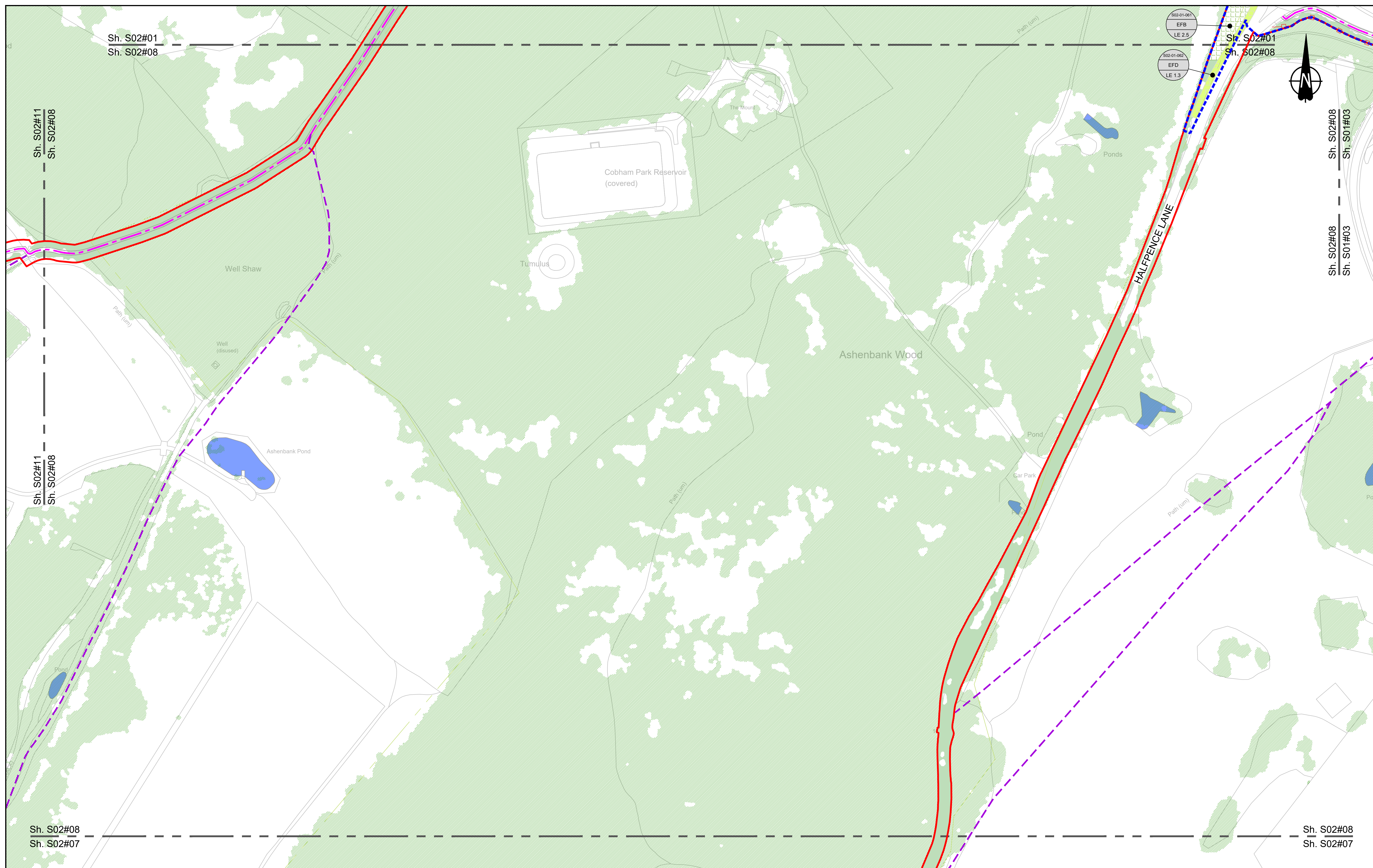
Client

Project

**LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P02
Scale	1:1250		
Drawing title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 7</b>		
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00008		





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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.

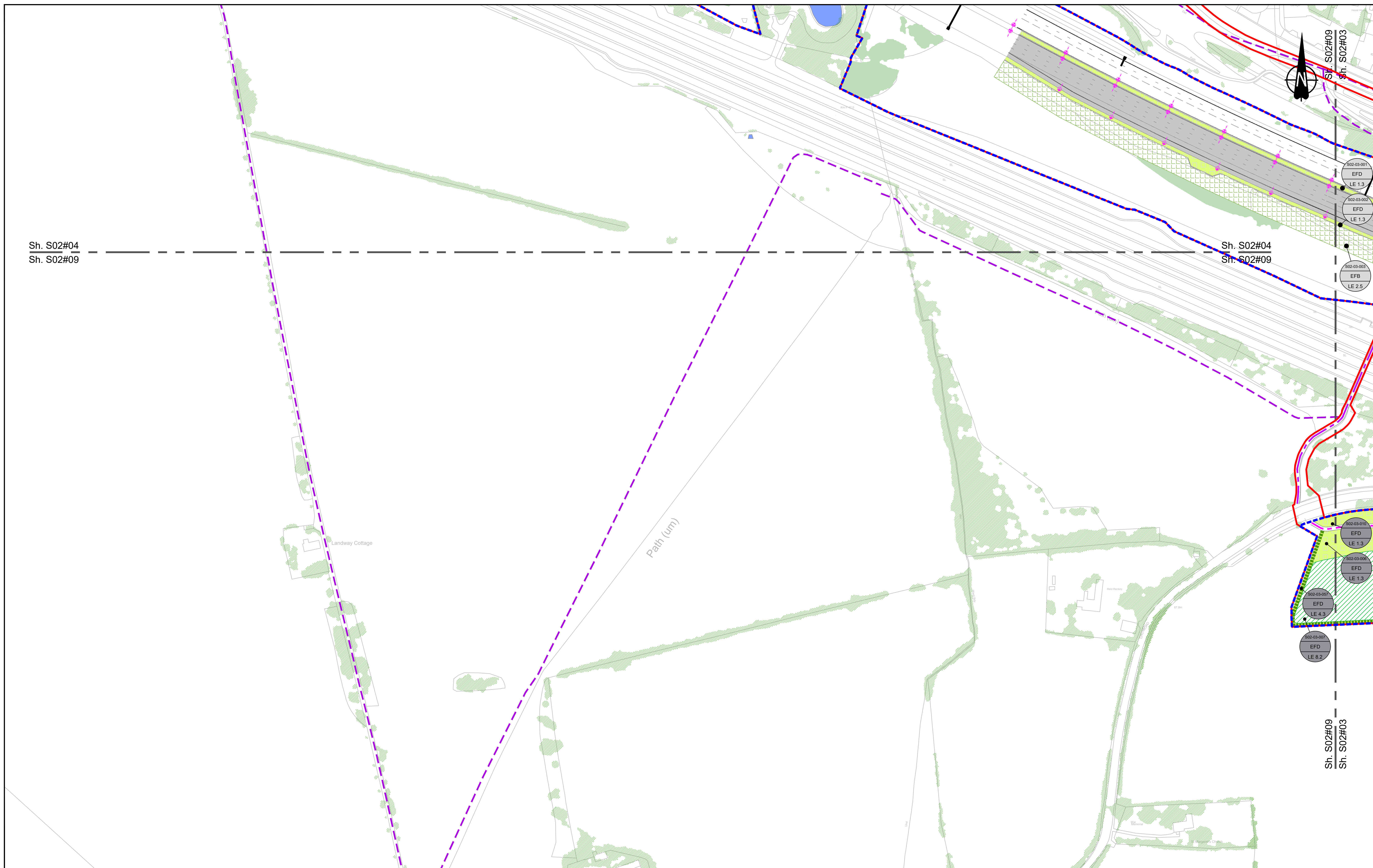
P01	S2	25/10/2022	LD
P02	S8	11/12/2023	Deadline 9
Rev	Status	Rev. Date	Purpose of revision
		Drawn	Chk'd
		Apprv'd	

**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>	<b>Individual Trees (LE 5)</b>	<b>Ecological Habitats (LE 8)</b>	<b>Noise (E 1)</b>	<b>Ecological (E 3)</b>
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	LE 5.2 Scattered Trees	LE 8.2 Ancient Woodland Compensation Planting	E 1.2.1 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2.1 Ecological Fencing (inc. highway boundary fence)
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 5.3 Scrub / Scattered Scrub	LE 8.3 Woodland Mitigation Planting	E 2 Flood Compensation Areas (E 2-FCA)	E 3.2.2 Ecological Fencing (inc. highway boundary fence)
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	<b>Hedges (LE 4)</b>	LE 8.4 Wetland / Fenland Creation	E 2 Flood Defence (E 2-FD)	E 3.2.3 Ecological Culvert
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.3 Native Species Hedge (untrimm'd)	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2.4 Ecological Culvert	E 3.2.4 Ecological Culvert
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.4 Native Hedgerow With Trees	LE 8.6 Acid Grassland Soil Salvage	E 3.2.5 Ecological Culvert	E 3.2.5 Ecological Culvert
		LE 2.5 Shrubs With Intermittent Trees	LE 6.4 Wet Grassland	E 3.2.6 Ecological Culvert	E 3.2.6 Ecological Culvert
		LE 2.7 Scattered Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	E 3.2.7 Ecological Culvert	E 3.2.7 Ecological Culvert
		LE 2.8 Scrub / Scattered Scrub	LE 6.11 Water Bodies - Standing Water	E 3.2.8 Ecological Culvert	E 3.2.8 Ecological Culvert
		LE 4.3 Native Species Hedge (untrimm'd)	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	E 3.2.9 Ecological Culvert	E 3.2.9 Ecological Culvert
		LE 4.4 Native Hedgerow With Trees	LE 6.2 Banks and Ditches	E 3.2.10 Ecological Culvert	E 3.2.10 Ecological Culvert
			LE 6.21 Banks and Ditches - High Tide Roost Features	E 3.2.11 Ecological Culvert	E 3.2.11 Ecological Culvert
			<b>Hard Landscape Features (LE 7)</b>	E 3.2.12 Ecological Culvert	E 3.2.12 Ecological Culvert
			LE 7.4 Reinforced Earth Bund	E 3.2.13 Ecological Culvert	E 3.2.13 Ecological Culvert
			<b>Earthworks</b>	E 3.2.14 Ecological Culvert	E 3.2.14 Ecological Culvert
			Proposed Contours	E 3.2.15 Ecological Culvert	E 3.2.15 Ecological Culvert

	Client	DCO Examination	Original Size	Revision
	Project	Application Document Number	A1	P02
<b>LOWER THAMES CROSSING</b>		TR010032/APP/6.2	Scale	1:1250
		Drawing title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 8</b>	
		Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00009	
		HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00009.dwg		





Sh. S02#04  
Sh. S02#09

Sh. S02#04  
Sh. S02#09

Sh. S02#09  
Sh. S02#03

Sh. S02#09  
Sh. S02#03

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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	Appr'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	<b>Individual Trees (LE 5)</b>	LE 6.4 Wet Grassland
Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.7 Scattered Trees	LE 5.1 Individual Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh
<b>Grassland (LE 1)</b>	LE 2.11 Woodland With Non-Native Species	LE 2.8 Scrub / Scattered Scrub	<b>Wetland Habitats (LE 6)</b>	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	<b>Hedges (LE 4)</b>	LE 6.2 Standing Water	<b>Hard Landscape Features (LE 7)</b>
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 4.3 Native Species Hedge (untrimm'd)	LE 6.2 Banks and Ditches	LE 7.4 Reinforced Earth Bund
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.4 Native Hedgerow With Trees	LE 6.21 Banks and Ditches - High Tide Roost Features	<b>Earthworks</b>
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees		Proposed Contours	

<b>Ecological Habitats (LE 8)</b>	<b>Noise (E 1)</b>	<b>Ecological (E 3)</b>
LE 8.1 Open Mosaic Habitat	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 8.2 Ancient Woodland Compensation Planting	<b>Water (E 2)</b>	E 3.2 Ecological Culvert
LE 8.3 Woodland Mitigation Planting	Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Boxes
LE 8.4 Wetland / Fenland Creation	Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
LE 8.5 Ecology Pond (indicative symbol only)		
LE 8.6 Acid Grassland Soil Salvage		

LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Barn Owl Box
E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes	
Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Boxes	
Flood Defence (E 2-FD)	E 3.2 Ecological Culvert	
	E 3.2 Bat Barn Block	

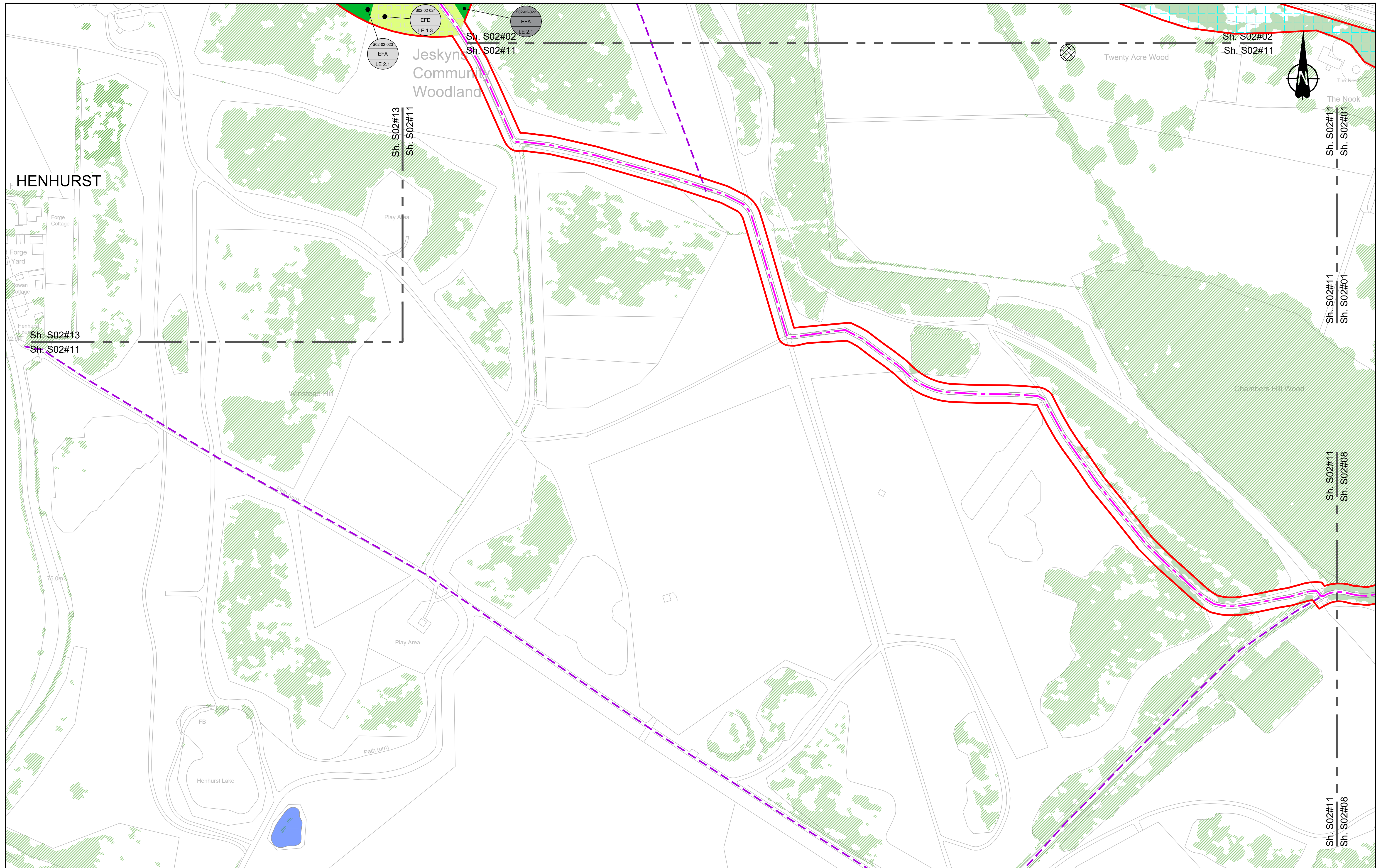
Client

Project

**LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 9</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00010				





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0 10 20 30 40 50 60 70 80 90 100 METRES

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
Rev	Status	Rev. Date	Purpose of revision
		Drawn	Check'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).

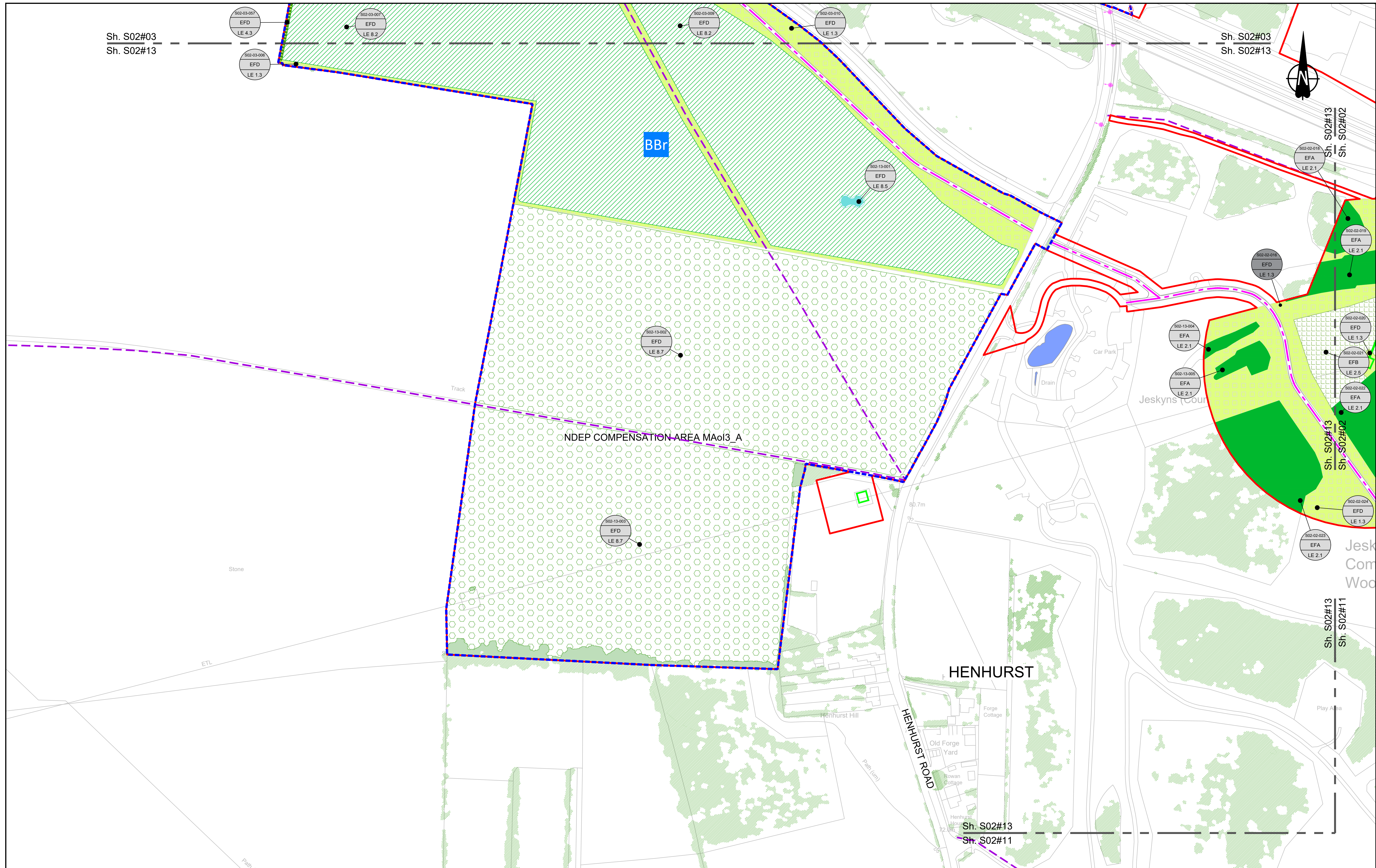
<b>Order Limits</b>	<b>Planting (LE 2)</b>	<b>Individual Trees (LE 5)</b>	<b>Ecological Habitats (LE 8)</b>	<b>Noise (E 1)</b>	<b>Ecological (E 3)</b>
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	LE 5.2 Scattered Trees	LE 8.2 Ancient Woodland Compensation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Ecological Fencing (inc. highway boundary fence)
<b>Grassland (LE 1)</b>	LE 2.14 Wet / Carr Woodland	<b>Wetland Habitats (LE 6)</b>	LE 8.3 Woodland Mitigation Planting	E 2 Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Boxes
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.1 Marsh and Wet Grassland - Coastal Grazing Marsh	LE 8.4 Wetland / Fenland Creation	Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.5 Ecology Pond (indicative symbol only)		
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.2 Barks and Ditches	LE 8.6 Acid Grassland Soil Salvage		
LE 1.4 Rock and Scree		LE 6.21 Banks and Ditches - High Tide Root Features			
		<b>Hedges (LE 4)</b>			
		LE 4.3 Native Species Hedge (untrimm'd)			
		LE 4.4 Native Hedgerow With Trees			
		<b>Hard Landscape Features (LE 7)</b>			
		LE 7.4 Reinforced Earth Bund			
		<b>Earthworks</b>			
		Proposed Contours			

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	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 11</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00012				





Sh. S02#03  
Sh. S02#13

Sh. S02#03  
Sh. S02#13

Sh. S02#13  
Sh. S02#02

Sh. S02#13  
Sh. S02#02

Sh. S02#13  
Sh. S02#11

Sh. S02#13  
Sh. S02#11

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0 10 20 30 40 50 60 70 80 90 100 METRES

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

**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN000000\_Z-DR-ZZ-00001).

Order Limits	<b>Planting (LE 2)</b>	<b>Individual Trees (LE 5)</b>
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees
<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 6.1 Water Bodies - Standing Water
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

<b>Wetland Habitats (LE 6)</b>	<b>Hard Landscape Features (LE 7)</b>	<b>Earthworks</b>
LE 6.4 Marsh and Wet Grassland - Coastal Grazing Marsh	LE 7.4 Reinforced Earth Bund	Proposed Contours
LE 6.2 Barks and Ditches	<b>Ecological (E 3)</b>	LE 6.21 Banks and Ditches - High Tide Roost Features
LE 6.21 Banks and Ditches - High Tide Roost Features	LE 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	
	E 3.2 Ecological Fencing (inc. highway boundary fence)	

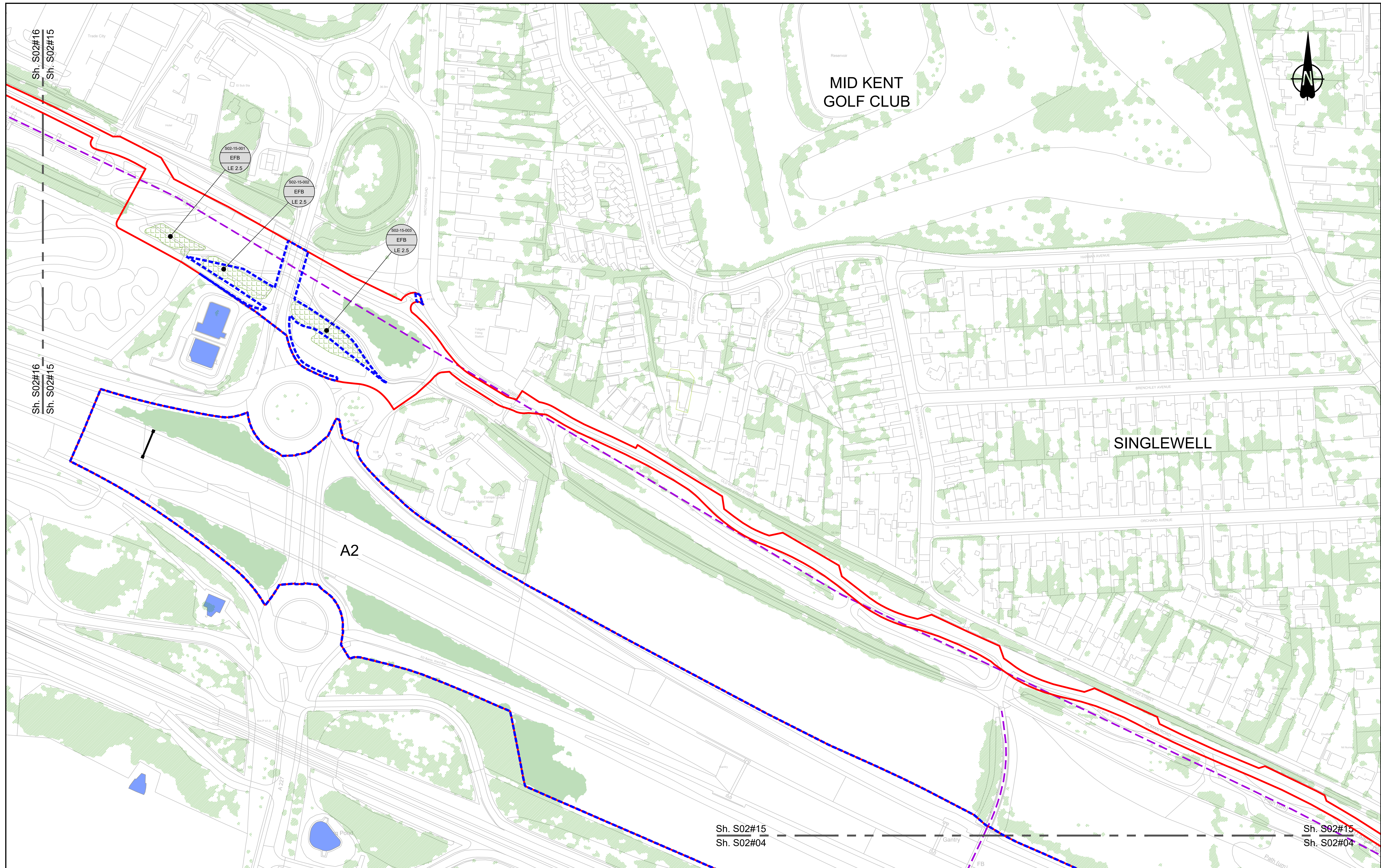
<b>Ecological (E 1)</b>	<b>Ecological (E 2)</b>	<b>Ecological (E 3)</b>
LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	E 2.1 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Ecological Culvert
E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 2.4 Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Barn Block
<b>Water (E 2)</b>	E 2.5 Ecology Pond (indicative symbol only)	
Flood Compensation Areas (E 2-FCA)	E 2.6 Flood Defence (E 2-FD)	
Flood Defence (E 2-FD)		

Client:

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 2 SHEET 13				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00014				





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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).**

<p><b>Order Limits</b></p> <ul style="list-style-type: none"> <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 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 (untimmed)</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 Flood Features</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>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>Noise (E 1)</b></p> <ul style="list-style-type: none"> <li>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</li> <li>E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</li> </ul> <p><b>Water (E 2)</b></p> <ul style="list-style-type: none"> <li>Flood Compensation Areas (E 2-FCA)</li> <li>Flood Defence (E 2-FD)</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> </ul> <p><b>E 3.2 Barn Owl Box</b></p> <ul style="list-style-type: none"> <li>E 3.2 Ecological Fencing (inc. highway boundary fence)</li> </ul>
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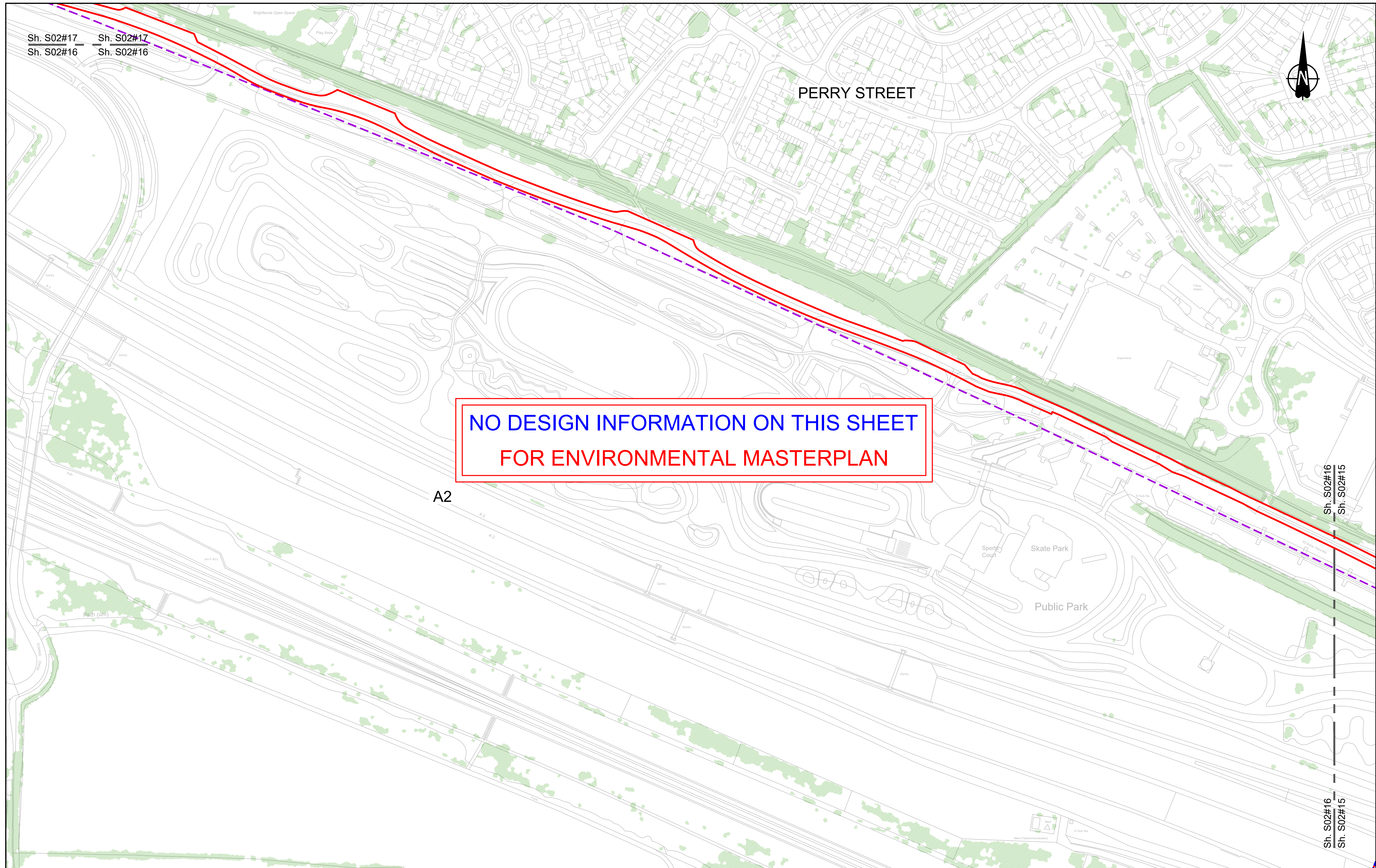
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 15</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00016				

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00016.dwg





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

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0 10 20 30 40 50 60 70 80 90 100 METRES

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	Chck'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).**

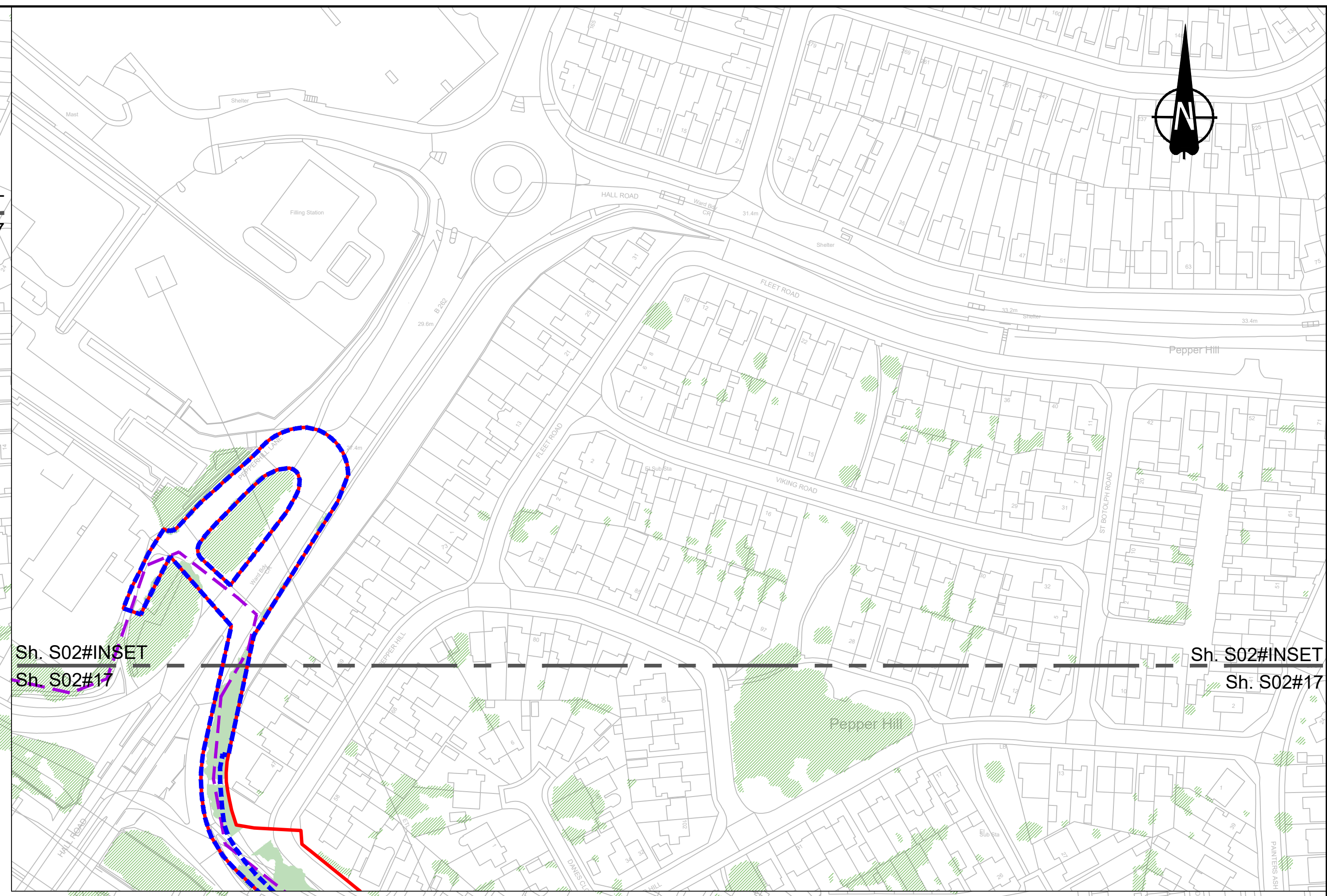
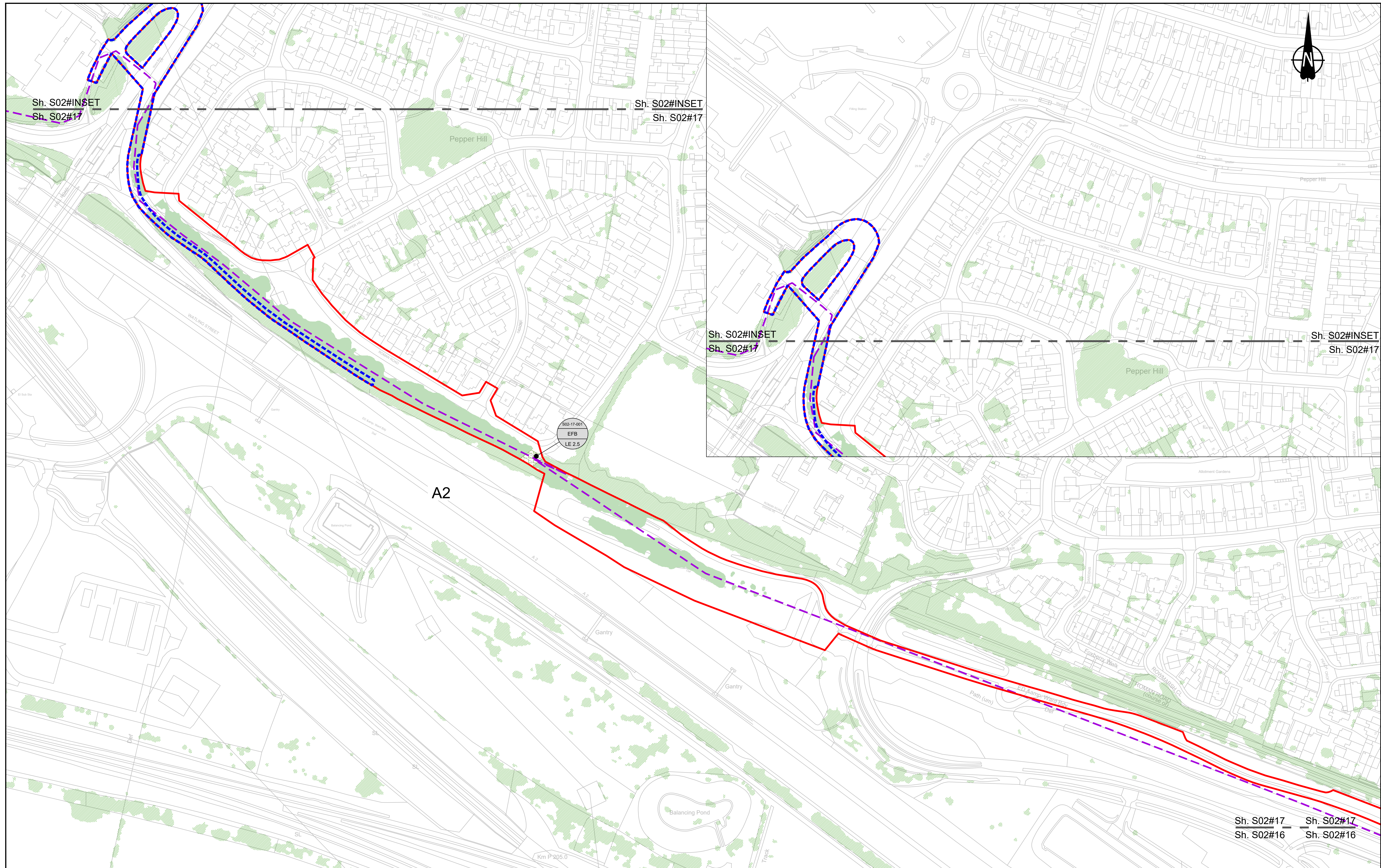
<b>Order Limits</b> Order Limits Permanent Acquisition of Land <b>Grassland (LE 1)</b> LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree	<b>Planting (LE 2)</b> LE 2.1 Woodland LE 2.11 Woodland With Non-Native Species 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 <b>Hedges (LE 4)</b> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees	<b>Individual Trees (LE 5)</b> LE 5.1 Individual Trees <b>Wetland Habitats (LE 6)</b> LE 6.11 Water Bodies - Standing Water LE 6.12 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Barks and Ditches LE 6.21 Barks and Ditches - High Tide Root Features LE 6.4 Wet Grassland LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh <b>Hard Landscape Features (LE 7)</b> LE 7.4 Reinforced Earth Bund <b>Earthworks</b> Proposed Contours	<b>Ecological Habitats (LE 8)</b> 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 <b>Noise (E 1)</b> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <b>Water (E 2)</b> Flood Compensation Areas (E 2-FCA) E 2.5 Flood Defence (E 2-FD)	<b>Ecological (E 3)</b> E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species E 3.2 Dormouse Boxes E 3.2 Bat Boxes E 3.2 Ecological Culvert E 3.2 Bat Barn Block E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence)
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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 2 SHEET 16				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00017				





A2

Sh. S02#17 Sh. S02#17  
Sh. S02#16 Sh. S02#16

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0 10 20 30 40 50 60 70 80 90 100 METRES

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
Rev	Status	Rev. Date	Purpose of revision
			Drawn
			Check'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).**

<p><b>Order Limits</b></p> <ul style="list-style-type: none"> <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 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>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> </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>Noise (E 1)</b></p> <ul style="list-style-type: none"> <li>E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</li> </ul> <p><b>Water (E 2)</b></p> <ul style="list-style-type: none"> <li>Flood Compensation Areas (E 2-FCA)</li> <li>Flood Defence (E 2-FD)</li> </ul>	<p><b>Ecological (E 3)</b></p> <ul style="list-style-type: none"> <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

Project

**LOWER THAMES CROSSING**

Status

DCO Examination

Application Document Number TR010032/APP/6.2

Scale 1:1250

Original Size A1

Revision P02

Drawing Title

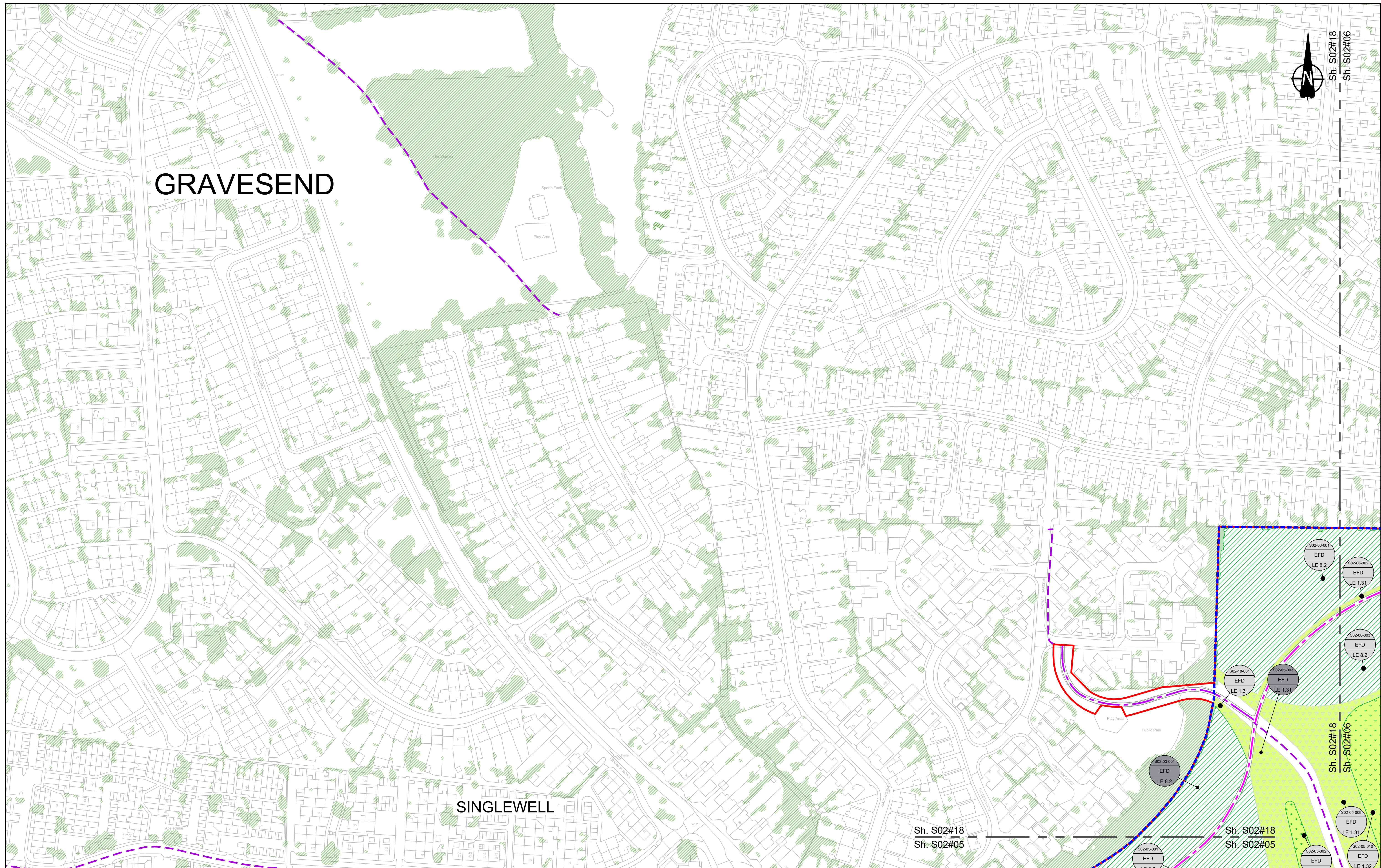
**ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 17**

Drawing Number

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00018

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00018.dwg





GRAVESEND

SINGLEWELL

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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	24/08/2023	Deadline 3	PS	SK	BF
P03	S8	11/12/2023	Deadline 9	GH1	RO	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'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).**

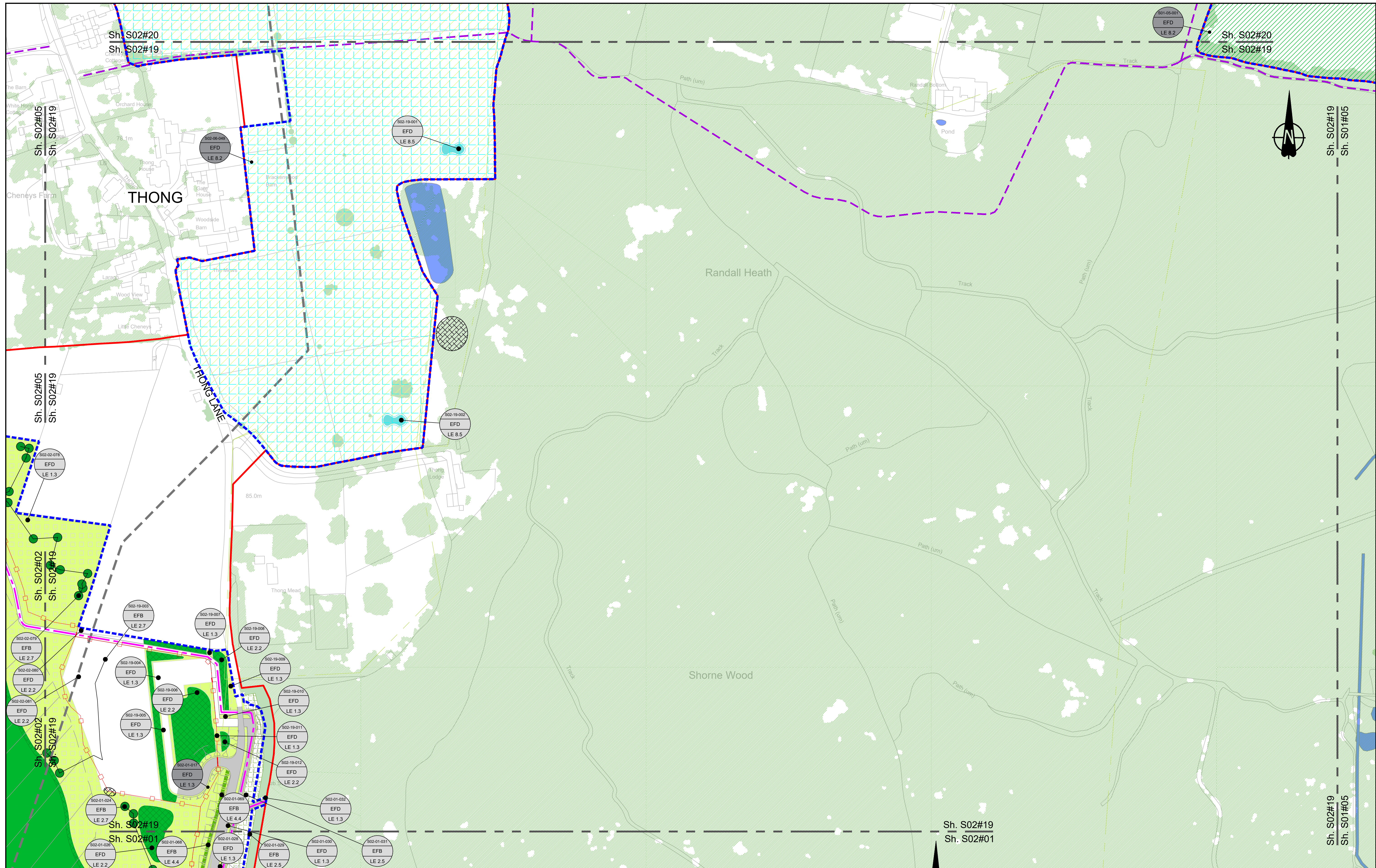
<p><b>Order Limits</b></p> <ul style="list-style-type: none"> <li>Order Limits</li> <li>Permanent Acquisition of Land</li> </ul> <p><b>Grassland (LE 1)</b></p> <ul style="list-style-type: none"> <li>LE 1.3 Species Rich Grassland</li> <li>LE 1.31 Species Rich Chalk Grassland</li> <li>LE 1.32 Species Rich 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 Scapes</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>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</b></p> <p><b>Noise (E 1)</b></p> <ul style="list-style-type: none"> <li>E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</li> </ul> <p><b>Water (E 2)</b></p> <ul style="list-style-type: none"> <li>Flood Compensation Areas (E 2-FCA)</li> <li>Flood Defence (E 2-FD)</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> </ul>	<p><b>E 3.2 Barn Owl Box</b></p> <p><b>E 3.2 Ecological Fencing (inc. highway boundary fence)</b></p>
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 18</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00019				





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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	Deadline 7	LD	GH1	RO	BB
P02	S8	17/11/2023	Deadline 7	GH1	RO	BB	
P03	S8	11/12/2023	Deadline 9	GH1	RO	BF	

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

**Environmental Mitigation Legend:** Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN000000\_Z-DR-ZZ-00001).

Order Limits	<b>Planting (LE 2)</b>	LE 2.1 Woodland	LE 2.5 Shrubs With Intermittent Trees
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	LE 2.2 Woodland Edge	LE 2.7 Scattered Trees
<b>Grassland (LE 1)</b>	LE 2.14 Wet / Carr Woodland	LE 2.22 Scrub Woodland	LE 2.8 Scrub / Scattered Scrub
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 2.4 Linear Belt of Shrubs and Trees	<b>Hedges (LE 4)</b>
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	LE 4.3 Native Species Hedge (untrimmed)	LE 4.3 Native Species Hedge
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.4 Native Hedgerow With Trees	LE 4.4 Native Hedgerow With Trees
LE 1.4 Rock and Scree			

<b>Individual Trees (LE 5)</b>	<b>Ecological Habitats (LE 8)</b>
LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat
<b>Wetland Habitats (LE 6)</b>	LE 8.2 Ancient Woodland Compensation Planting
LE 6.11 Water Bodies - Standing Water	LE 8.3 Woodland Mitigation Planting
LE 6.12 Water Bodies and Associated Plants - Shallow Scraps	LE 8.4 Wetland / Fenland Creation
LE 6.2 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)
LE 6.21 Banks and Ditches - High Tide Roost Features	LE 8.6 Acid Grassland Soil Salvage
<b>Hard Landscape Features (LE 7)</b>	
LE 7.4 Reinforced Earth Bund	
<b>Earthworks</b>	
Proposed Contours	

<b>Noise (E 1)</b>	<b>Ecological (E 3)</b>
LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes
<b>Water (E 2)</b>	E 3.2 Bat Boxes
Flood Compensation Areas (E 2-FCA)	E 3.2 Ecological Culvert
Flood Defence (E 2-FD)	E 3.2 Bat Barn Block

E 3.2 Barn Owl Box	E 3.2 Ecological Fencing (inc. highway boundary fence)
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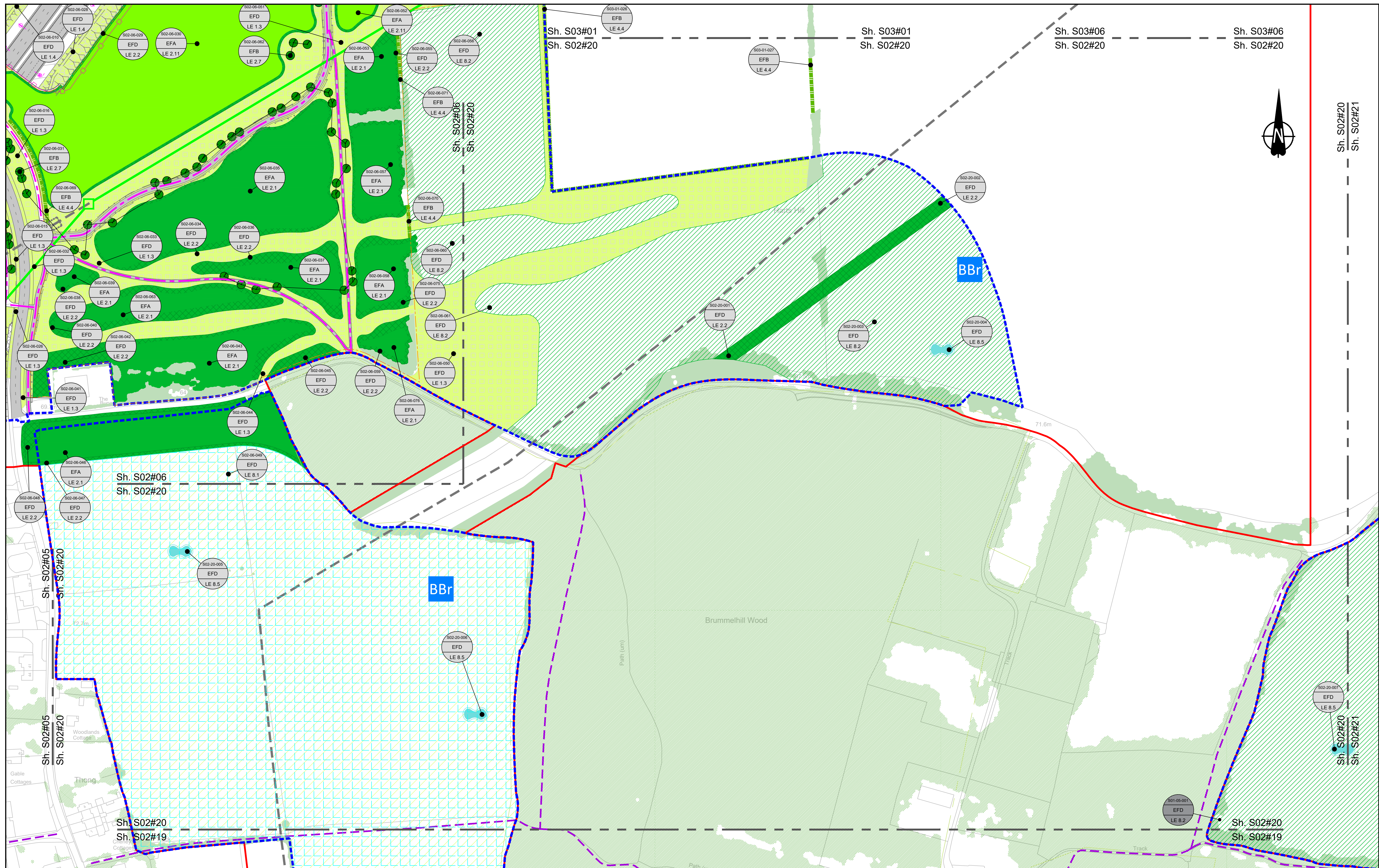
Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Examination	Original Size: A1	Revision: P03
Application Document Number: TR010032/APP/6.2	Scale: 1:1250	
Drawing title: ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 19		
Drawing Number: HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00020		

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00020.dwg





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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 Check'd Apprv'd

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN000000\_Z-DR-ZZ-00001).

<p><b>Order Limits</b></p> <p>Permanent Acquisition of Land</p> <p><b>Grassland (LE 1)</b></p> <p>LE 1.3 Species Rich Grassland</p> <p>LE 1.31 Species Rich Chalk Grassland</p> <p>LE 1.32 Species Rich Annual Wildflower Grassland</p> <p>LE 1.4 Rock and Scree</p>	<p><b>Planting (LE 2)</b></p> <p>LE 2.1 Woodland</p> <p>LE 2.11 Woodland With Non-Native Species</p> <p>LE 2.14 Wet / Carr Woodland</p> <p>LE 2.2 Woodland Edge</p> <p>LE 2.22 Scrub Woodland</p> <p>LE 2.4 Linear Belt of Shrubs and Trees</p> <p>LE 2.5 Shrubs With Intermittent Trees</p> <p>LE 2.7 Scattered Trees</p> <p>LE 2.8 Scrub / Scattered Scrub</p> <p><b>Hedges (LE 4)</b></p> <p>LE 4.3 Native Species Hedge (untrimmed)</p> <p>LE 4.4 Native Hedgerow With Trees</p>	<p><b>Individual Trees (LE 8)</b></p> <p>LE 5.1 Individual Trees</p> <p><b>Wetland Habitats (LE 6)</b></p> <p>LE 6.11 Water Bodies - Standing Water</p> <p>LE 6.12 Water Bodies and Associated Plants - Shallow Scrape</p> <p>LE 6.2 Banks and Ditches</p> <p>LE 6.21 Banks and Ditches - High Tide Root Features</p> <p>LE 6.4 Wet Grassland</p> <p>LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh</p> <p><b>Hard Landscape Features (LE 7)</b></p> <p>LE 7.4 Reinforced Earth Bund</p> <p><b>Earthworks</b></p> <p>Proposed Contours</p>	<p><b>Ecological Habitats (LE 8)</b></p> <p>LE 8.1 Open Mosaic Habitat</p> <p>LE 8.2 Ancient Woodland</p> <p>LE 8.3 Woodland Mitigation Planting</p> <p>LE 8.4 Wetland / Fenland Creation</p> <p>LE 8.5 Ecology Pond (indicative symbol only)</p> <p>LE 8.6 Acid Grassland Soil Salvage</p>	<p><b>Noise (E 1)</b></p> <p>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</p> <p>LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</p> <p><b>Water (E 2)</b></p> <p>Flood Compensation Areas (E 2-FCA)</p> <p>Flood Defence (E 2-FD)</p>	<p><b>Ecological (E 3)</b></p> <p>E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species</p> <p>E 3.2 Dormouse Boxes</p> <p>E 3.2 Bat Boxes</p> <p>E 3.2 Ecological Culvert</p> <p>E 3.2 Bat Barn Block</p> <p>E 3.2 Bat Barn Owl Box</p> <p>E 3.2 Ecological Fencing (inc. highway boundary fence)</p>
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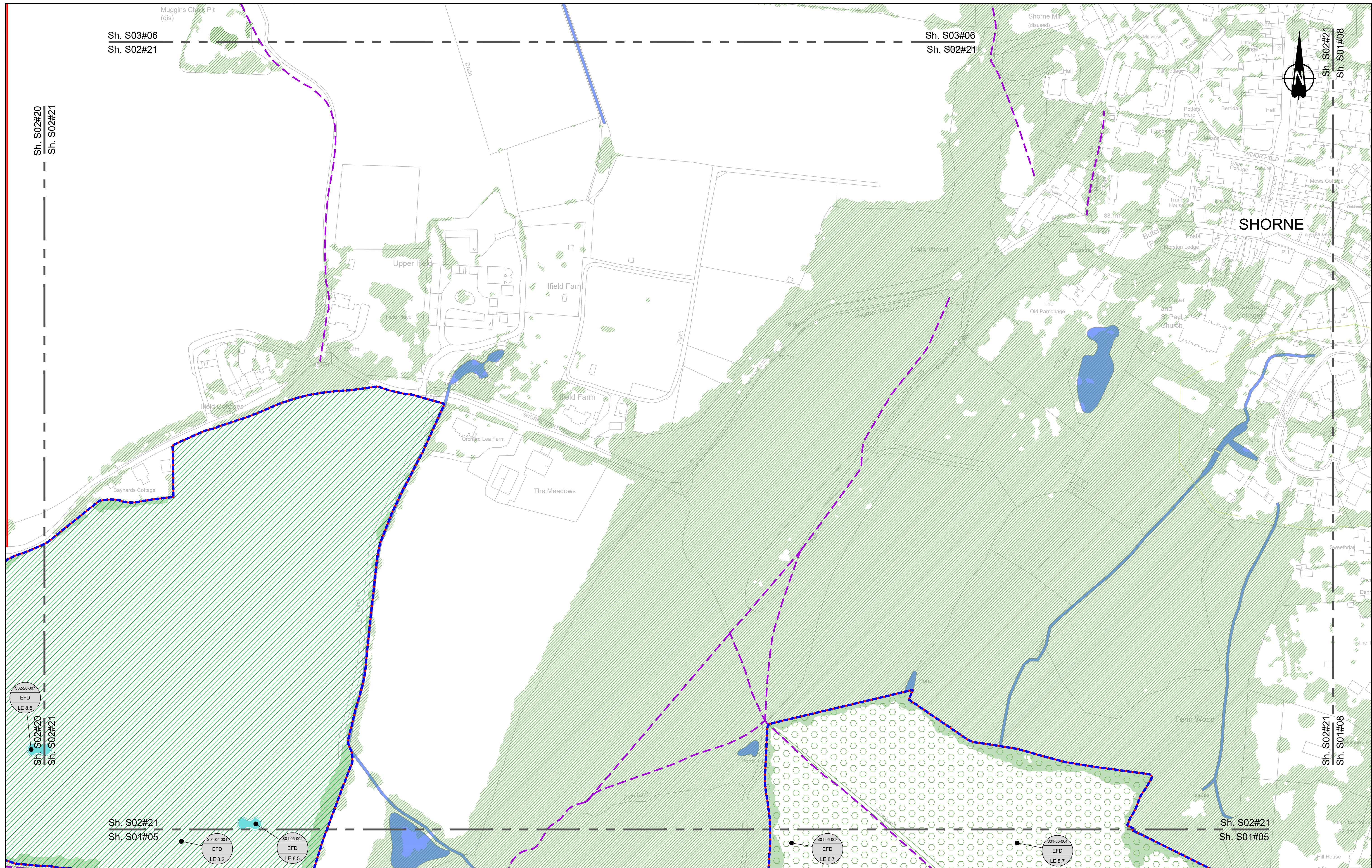
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 20</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00021				

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00021.dwg





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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
Rev	Status	Rev. Date	Purpose of revision
			Drawn
			Check'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).**

<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 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 Scapes</li> <li>LE 6.2 Banks and Ditches</li> <li>LE 6.21 Banks and Ditches - High Tide Flood Features</li> </ul>	<p><b>Wetland Habitats (LE 6)</b></p> <ul style="list-style-type: none"> <li>LE 6.4 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>Noise (E 1)</b></p> <ul style="list-style-type: none"> <li>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</li> <li>E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</li> </ul> <p><b>Water (E 2)</b></p> <ul style="list-style-type: none"> <li>Flood Compensation Areas (E 2-FCA)</li> <li>Flood Defence (E 2-FD)</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> </ul> <p><b>E 3.2 Barn Owl Box</b></p> <p><b>E 3.2 Ecological Fencing (inc. highway boundary fence)</b></p>
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Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	<b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 21</b>				
Drawing Number	HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00022				



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