



# Lower Thames Crossing

## 6.2 Environmental Statement Figures

### Figure 2.4 - Environmental Masterplan Section 2 (2 of 10)

APFP Regulation 5(2)(a)  
Infrastructure Planning  
(Applications: Prescribed Forms and Procedure)  
Regulations 2009  
Volume 6

**DATE:** October 2022

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

**VERSION:** 1.0

## Lower Thames Crossing

### Figure 2.4 - Environmental Masterplan Section 2 (2 of 10)

	List of contents	Page number
<b>1</b>	<b>Environmental Masterplan: Sections 2.....</b>	<b>2</b>
1.1	Schedule of Plans included in this application document.....	2
1.2	Scheme Overview .....	5
1.3	Environmental Masterplan Legend .....	7
1.4	Section 2.....	9

## 1 Environmental Masterplan: Section 2

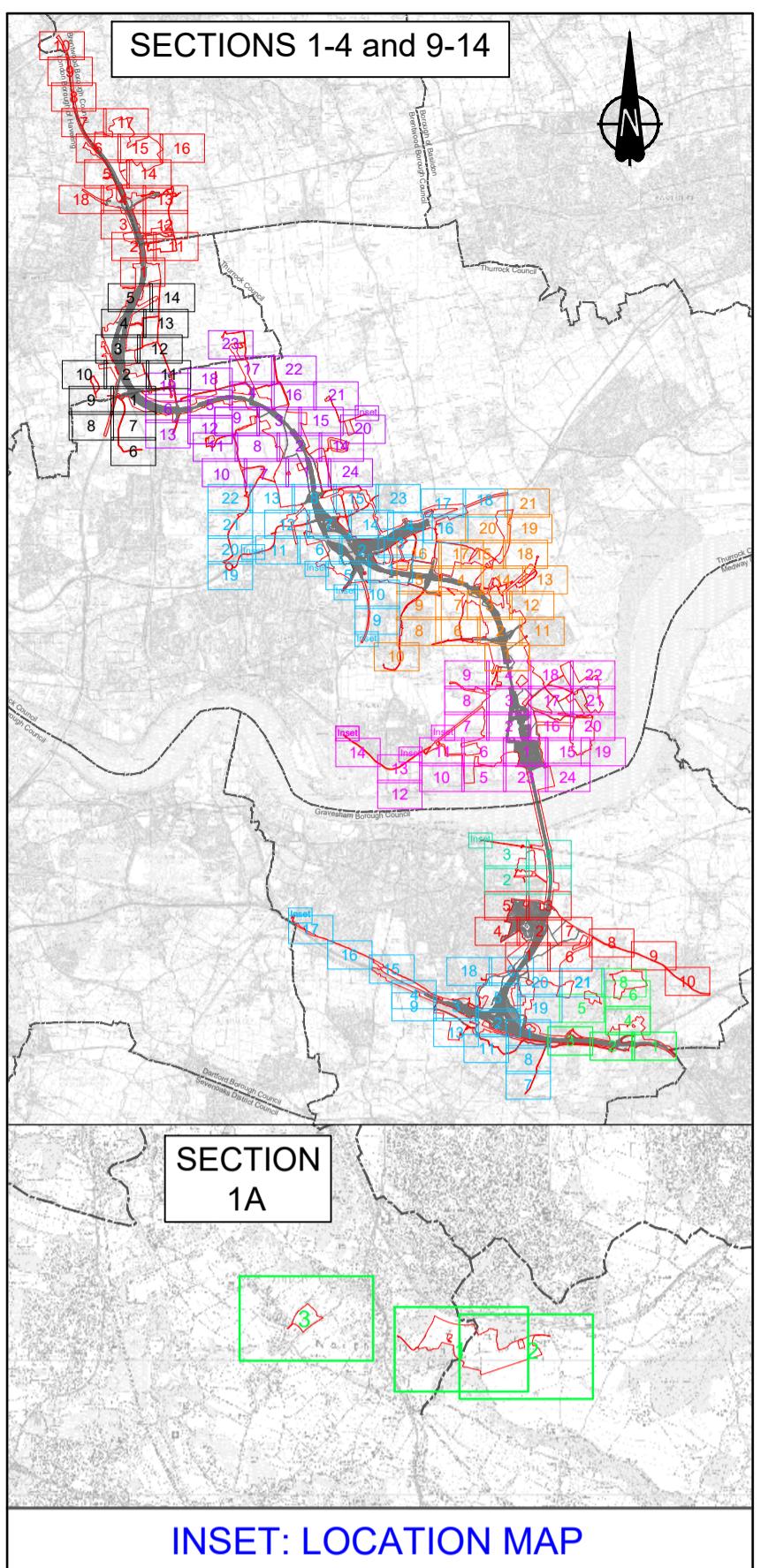
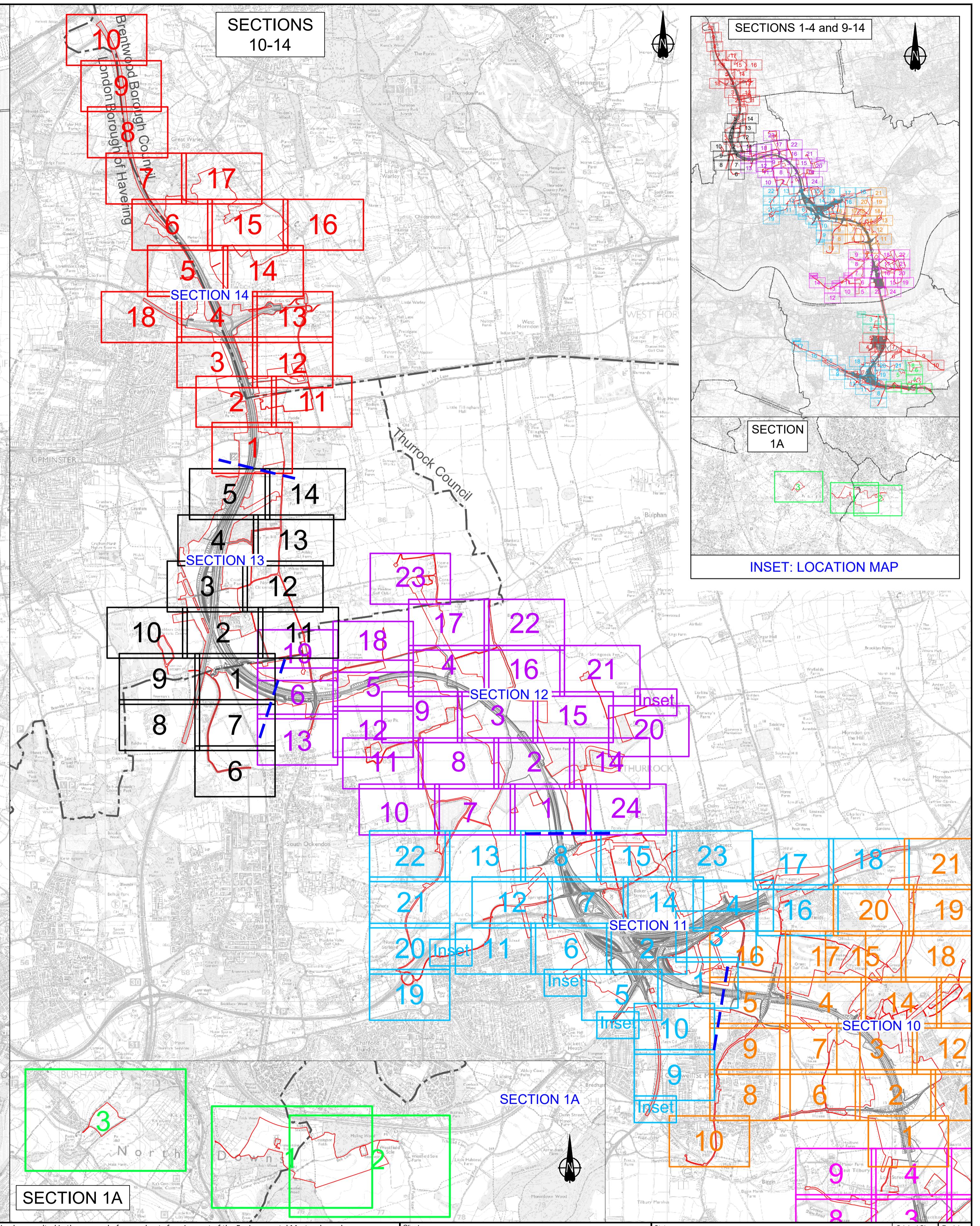
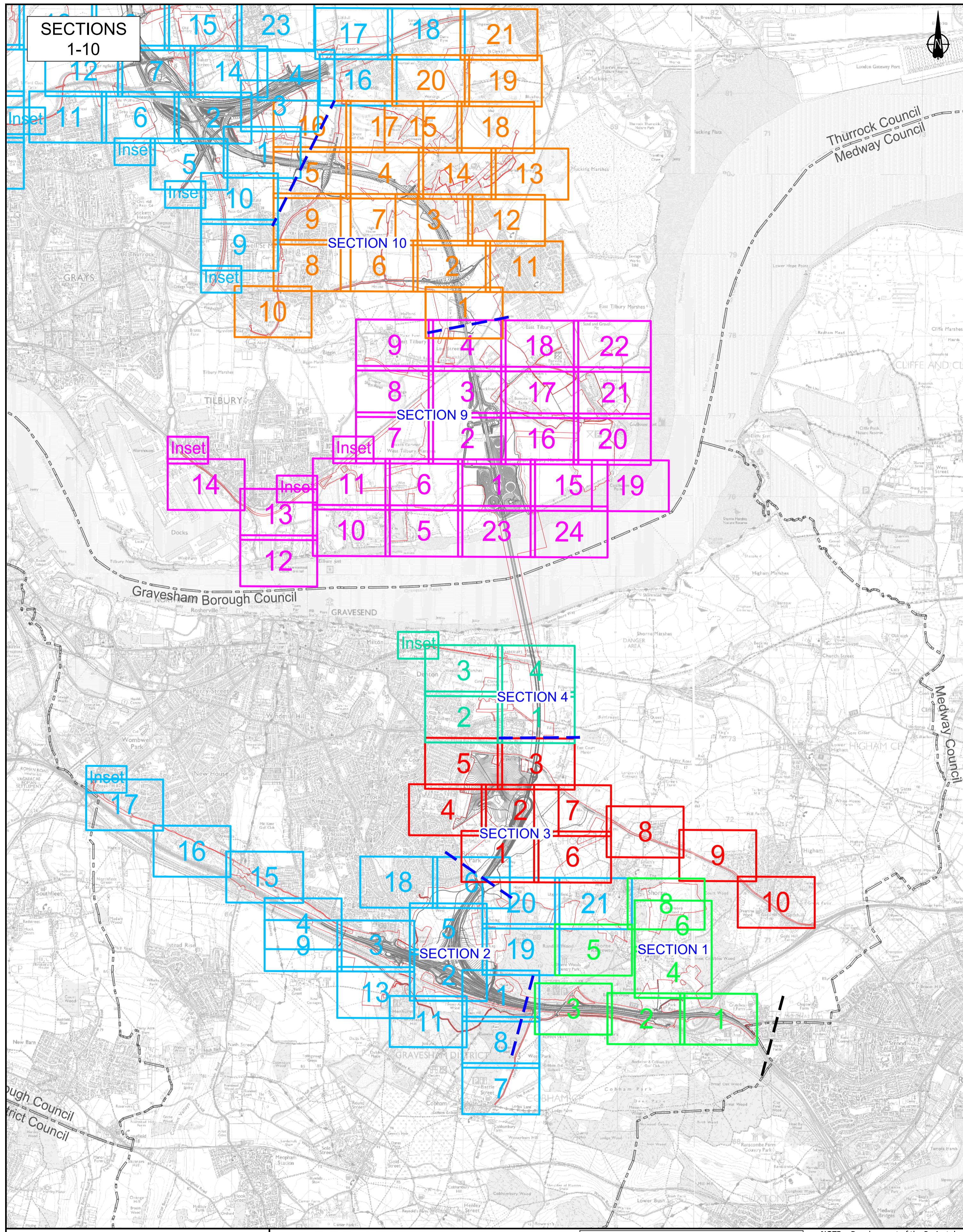
### 1.1 Schedule of Plans included in this application document

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

HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.6
00001 – Section 2 Overview		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.5
00002 - Section 2 Sheet 1		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.5
00003 - Section 2 Sheet 2		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.4
00004 - Section 2 Sheet 3		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.4
00005 - Section 2 Sheet 4		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.4
00006 - Section 2 Sheet 5		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.4
00007 - Section 2 Sheet 6		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.5
00008 - Section 2 Sheet 7		
HE540039-CJV-EGN-S02_EN000000_Z-DR- ZZ-	TR010032/APP/6.2	P01.4
00009 - Section 2 Sheet 8		

HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00010 - Section 2 Sheet 9		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00012 - Section 2 Sheet 11		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00014 - Section 2 Sheet 13		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00016 - Section 2 Sheet 15		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.5
00017 - Section 2 Sheet 16		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.5
00018 - Section 2 Sheet 17		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.5
00019 - Section 2 Sheet 18		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00020 - Section 2 Sheet 19		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00021 - Section 2 Sheet 20		
HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-	TR010032/APP/6.2	P01.4
00022 - Section 2 Sheet 21		

## 1.2 Scheme Overview



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A scale bar with markings at 0, 200, 400, 600, 800, 1000, and 2400. The word 'SCALE' is followed by '1:300000 (A1)'. The word 'METRES' is at the end.

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- Approximate Highway Section Cutline
- Order Limits
- Section Break

Section Layout Key:	
1	Section S1 (Sheets 1 - 8)
1A	Section S1A (Sheets 1 - 3)
1	Section S2 (Sheets 1 - 21)
1	Section S3 (Sheets 1 - 10)
1	Section S4 (Sheets 1 - 4)
1	Section S9 (Sheets 1 - 24)
1	Section S10 (Sheets 1 - 21)
1	Section S11 (Sheets 1 - 22)
1	Section S12 (Sheets 1 - 24)
1	Section S13 (Sheets 1 - 14)
1	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:

JOURNAL OF CLIMATE

- 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)

The logo for National Highways, featuring a stylized blue graphic of a road or bridge segment on the left, followed by the text "national highways" in a serif font, with "highways" in bold.

Status	Original Size A1	Revision P01.3
Application Document Number	TR010032/APP/6.2	
Page Number	Scale	
<p>Document Title</p> <h1>ENVIRONMENTAL MASTERPLAN SCHEME OVERVIEW</h1>		
<p>Document Number</p> <p>HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00002</p>		

## 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 / Water Bodies
	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
--	---

### Hard Landscape Features (LE 7)

	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

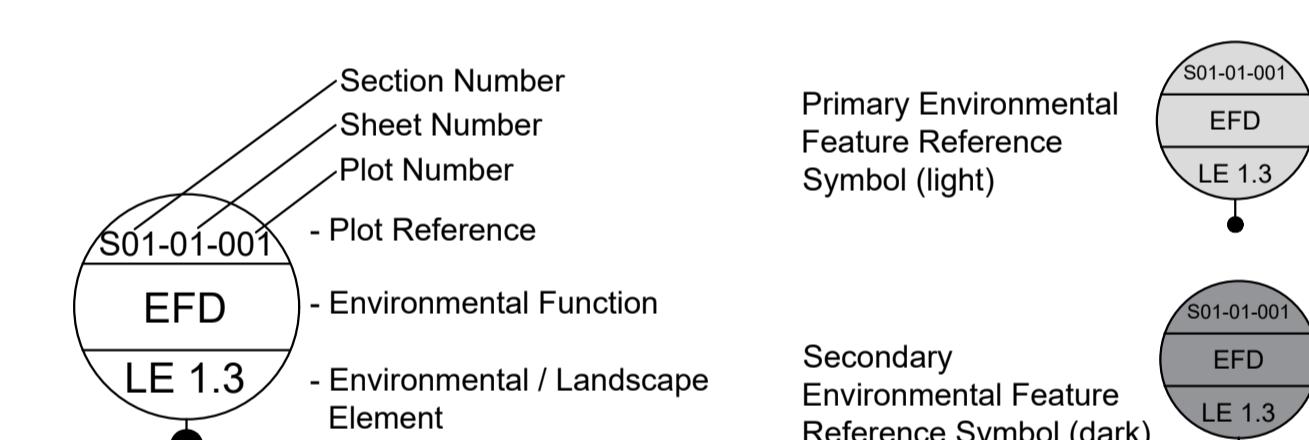
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environmental Masterplan secures the spatial extent and location of the environmental / landscape elements detailed 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.

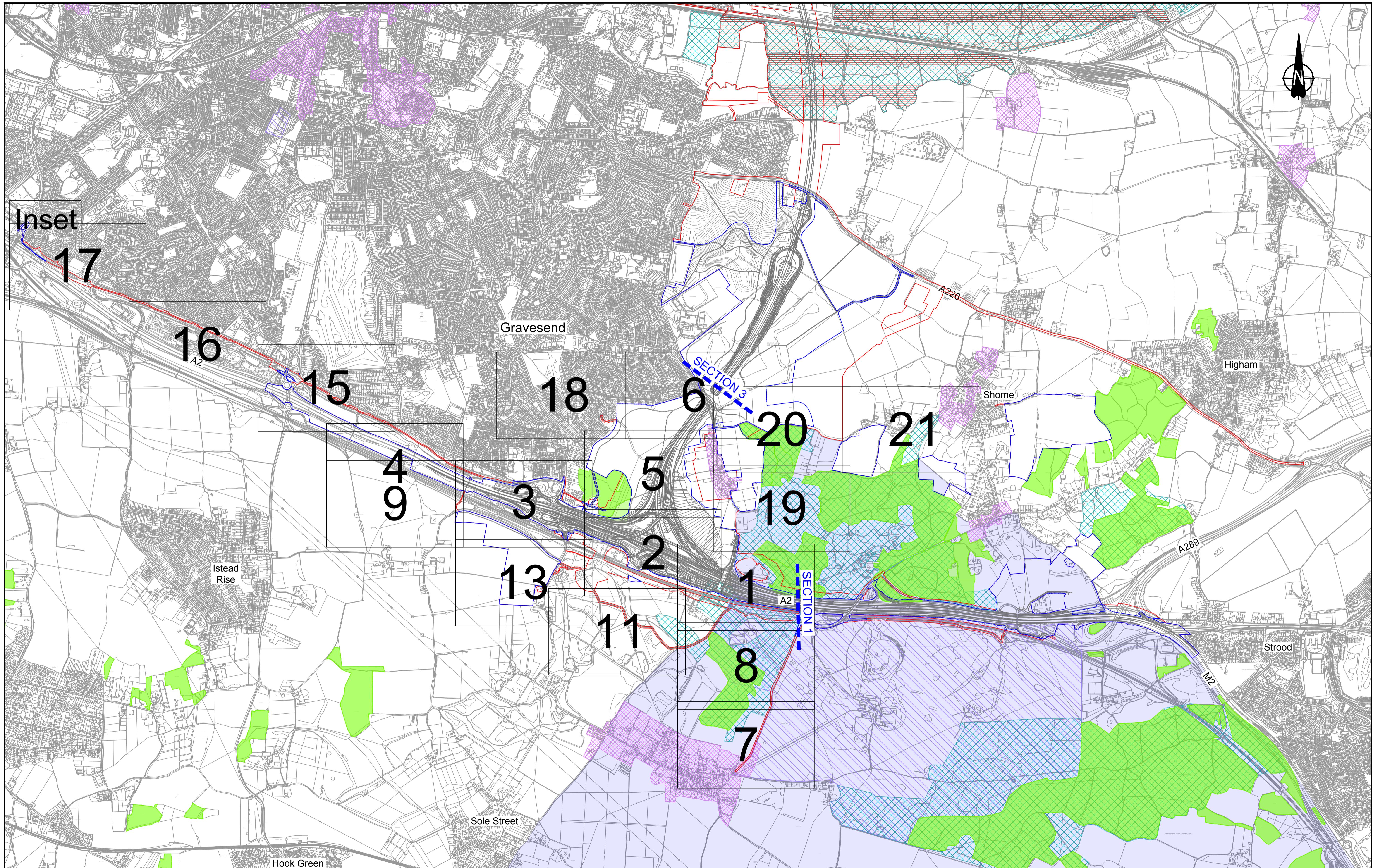


### Environmental Functions (EF)

EFA	Visual Screening


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## 1.5 Section 2



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SCALE 1:5000 (A1)  
SCALE 1:10000 (A3)  
P01.6 S0 08/08/2022 LD  
Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd

**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

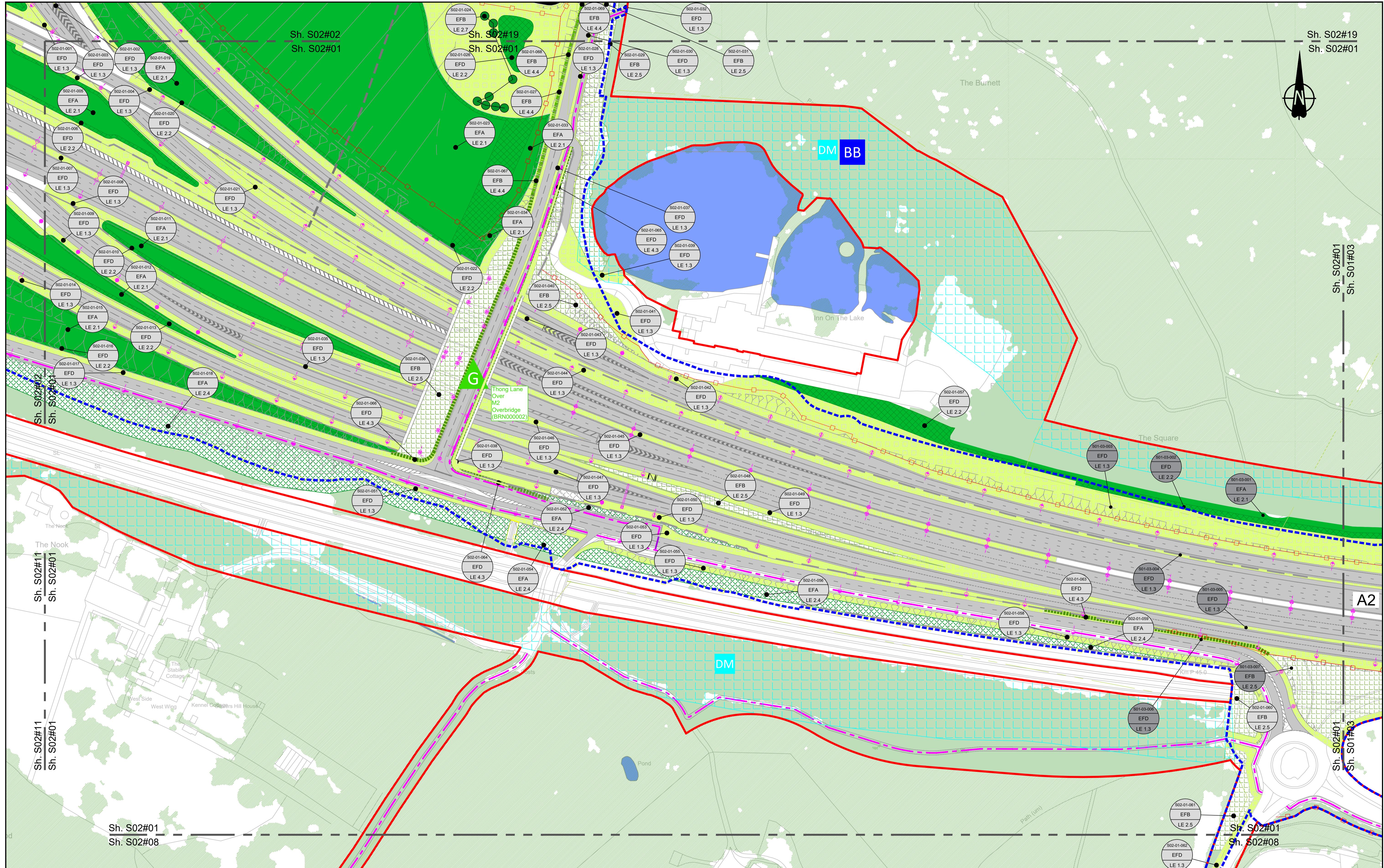
#### LEGEND

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



Client:  
**LOWER THAMES CROSSING**  
Project:

Status: Initial Status or WIP  
Original Size A1 Revision P01.6  
Application Document Number TR010032/APP/6.2 Scale As Shown  
Drawing title: ENVIRONMENTAL MASTERPLAN  
OVERVIEW PLAN SECTION 2  
Drawing Number HE540039-CJV-EGN-S02\_EN00000\_Z-DR-ZZ-00001  
HE540039-CJV-EGN-S02\_EN00000\_Z-DR-ZZ-00001.dwg



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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.

P01.5 S0 08/08/2022 LD

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

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN00000\_Z-DR-ZZ-00001).

Planting (LE 2)

Individual Acquisition of Land

Grassland (LE 1)

Wetland Habitats (LE 6)

Hedges (LE 4)

Hard Landscape Features (LE 7)

Earthworks

Individual Trees (LE 5)

Ecological Habitats (LE 8)

Noise (E 1)

Ecological (E 3)

Water (E 2)

LE 6.4 Wet Grassland

LE 6.11 Water Bodies – Standing Water

LE 6.12 Water Bodies and Associated Plants – Shallow Scrub

LE 6.2 Banks and Ditches

Proposed Contours

LE 6.4 Open Mosaic Habitat

LE 6.13 Ancient Woodland Compensation Planting

LE 6.14 Woodland Mitigation Planting

LE 6.5 Nitrogen Deposition (NDEP) Compensation Area

LE 6.15 Acoustic Barrier – Built Elements (typically inc. highway boundary fence)

LE 6.16 Dormouse Boxes

LE 6.17 Bat Boxes

LE 6.18 Ecological Culvert

LE 6.19 Bat Box Block

LE 6.20 Ecological Fencing (inc. highway boundary fence)

LE 6.21 Acoustic Barrier – Built Elements (typically inc. highway boundary fence)

Client

Project

Lower Thames Crossing

Status

Initial Status or WIP

A1

P01.5

Original Size

1:1250

Scale

1:1250

Application Document Number

TR010032/APP/6.2

Drawing title

ENVIRONMENTAL MASTERPLAN

SECTION 2

SHEET 1

Drawing Number

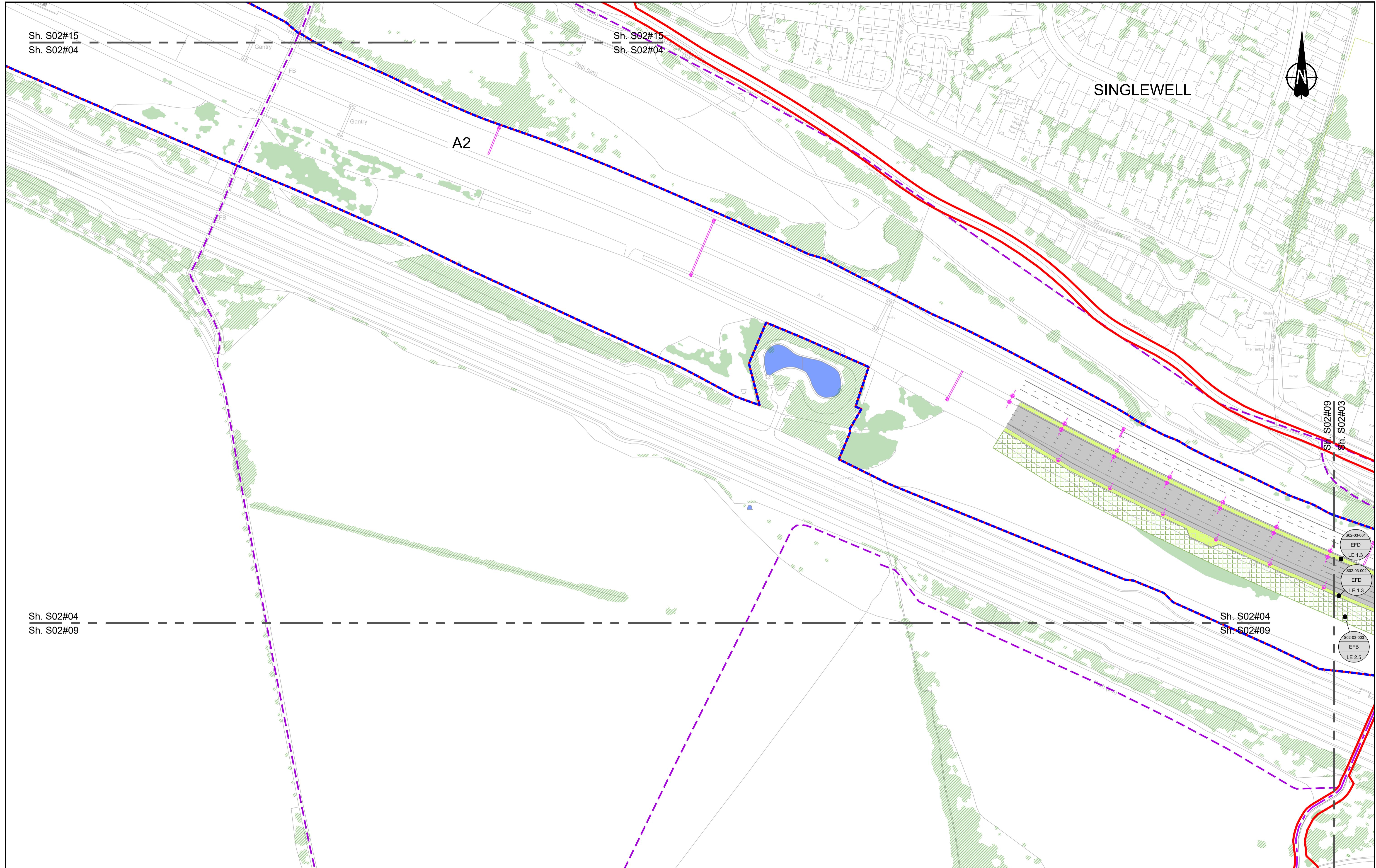
HE540039-CJV-EGN-S02\_EN00000\_Z-DR-ZZ-00002

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Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN00000_Z-DR-ZZ-00001).										Client		Status		
Planting (LE 2)		Individual Trees (LE 5)		Ecological Habitats (LE 8)		Ecological (E 3)		Project		Initial Status or WIP		Original Size	Revision	
Order Limits	Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.5 Shrubs with Intermittent Non-Native Species	LE 5.1 Individual Trees	LE 6.4 Wet Grassland	LE 8.1 Open Mosaic Habitat (NDEP) Compensation Area	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	national highways	A1	P01.5	Application Document Number	TR010032/APP/6.2	Scale	1:1250
SCALE 1:1250 (A1)	SCALE 1:2500 (A3)	LE 2.11 Woodland With Non-Native Species	LE 2.6 Scrub / Carr Woodland	LE 5.2 Ancient Woodland Compensation Planting	LE 6.11 Water Bodies – Standing Water	LE 8.2 Ancient Woodland Compensation Planting	E 3.2 Barn Owl Box							
Section Overview Sheet; Refer to section overview plan at the start of the section.		LE 2.13 Species Rich Grassland	LE 2.7 Scattered Trees	LE 5.3 Woodland Edge	LE 6.12 Water Bodies and Associated Plants – Shallow Scrub	LE 8.3 Woodland Mitigation Planting	E 3.2 Dormouse Boxes							
P01.5 S0 08/08/2022	LD	LE 2.14 Wet / Carr Woodland	LE 2.8 Scrub / Scattered Scrub	LE 5.4 Native Species Hedge (untrimmed)	LE 6.13 Banks and Ditches	LE 8.4 Wetland / Fenland Creation	E 3.2 Bat Boxes							
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd	Proposed Contours							
Hard Landscape Features (LE 7)														
Earthworks														
Wetland Habitats (LE 6)														
Hedges (LE 4)														
Proposed Contours														
Ecological (E 3)														
Noise (E 1)														
Water (E 2)														
Project														
Lower Thames Crossing														
Drawing Number														
HE540039-CJV-EGN-S02_EN00000_Z-DR-ZZ-00003.dwg														





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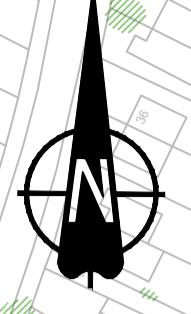
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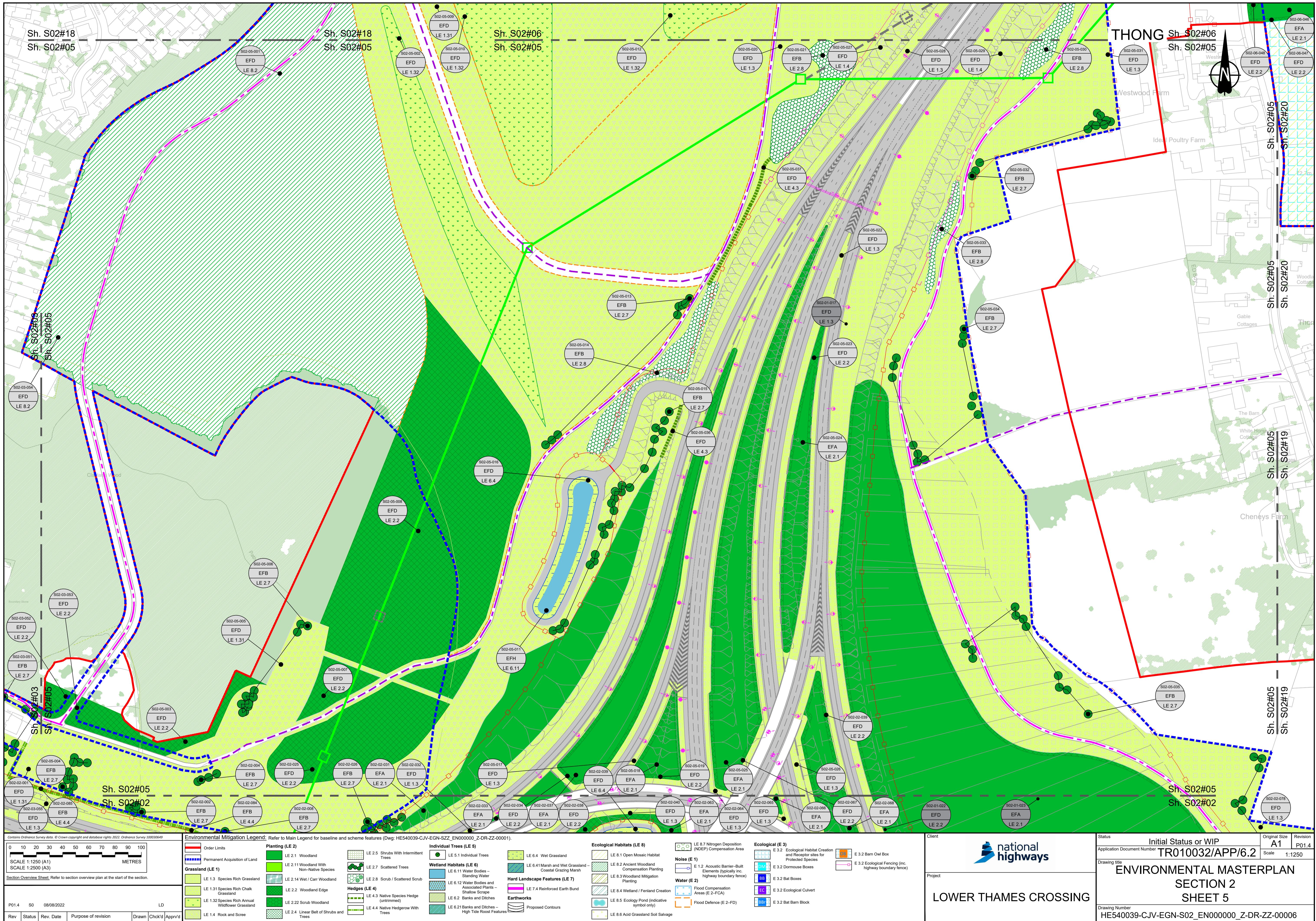
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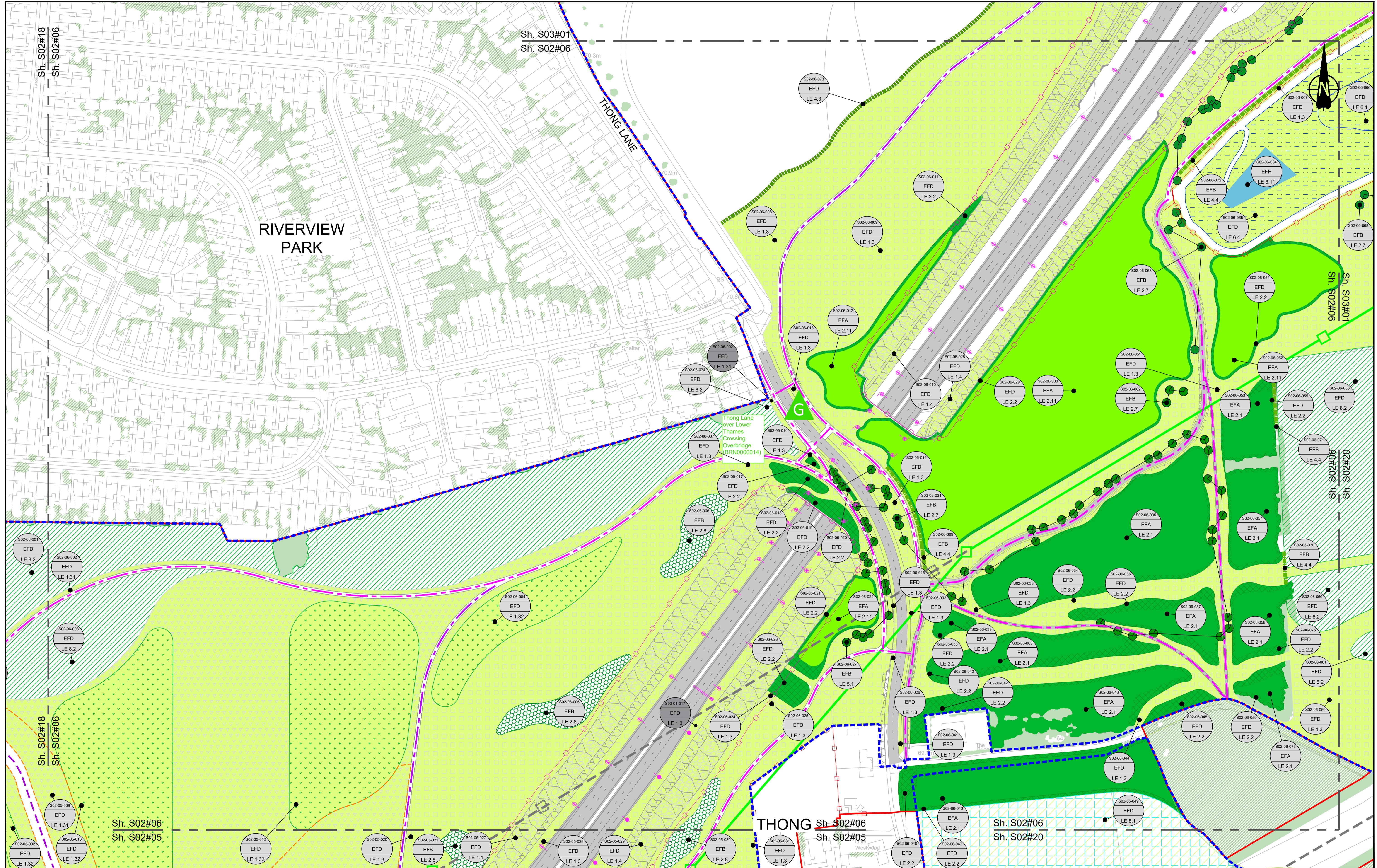
Section Overview Sheet; Refer to section overview plan at the start of the section.

P01.4 S0 08/08/2022 LD

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







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SCALE 1:2500 (A3)

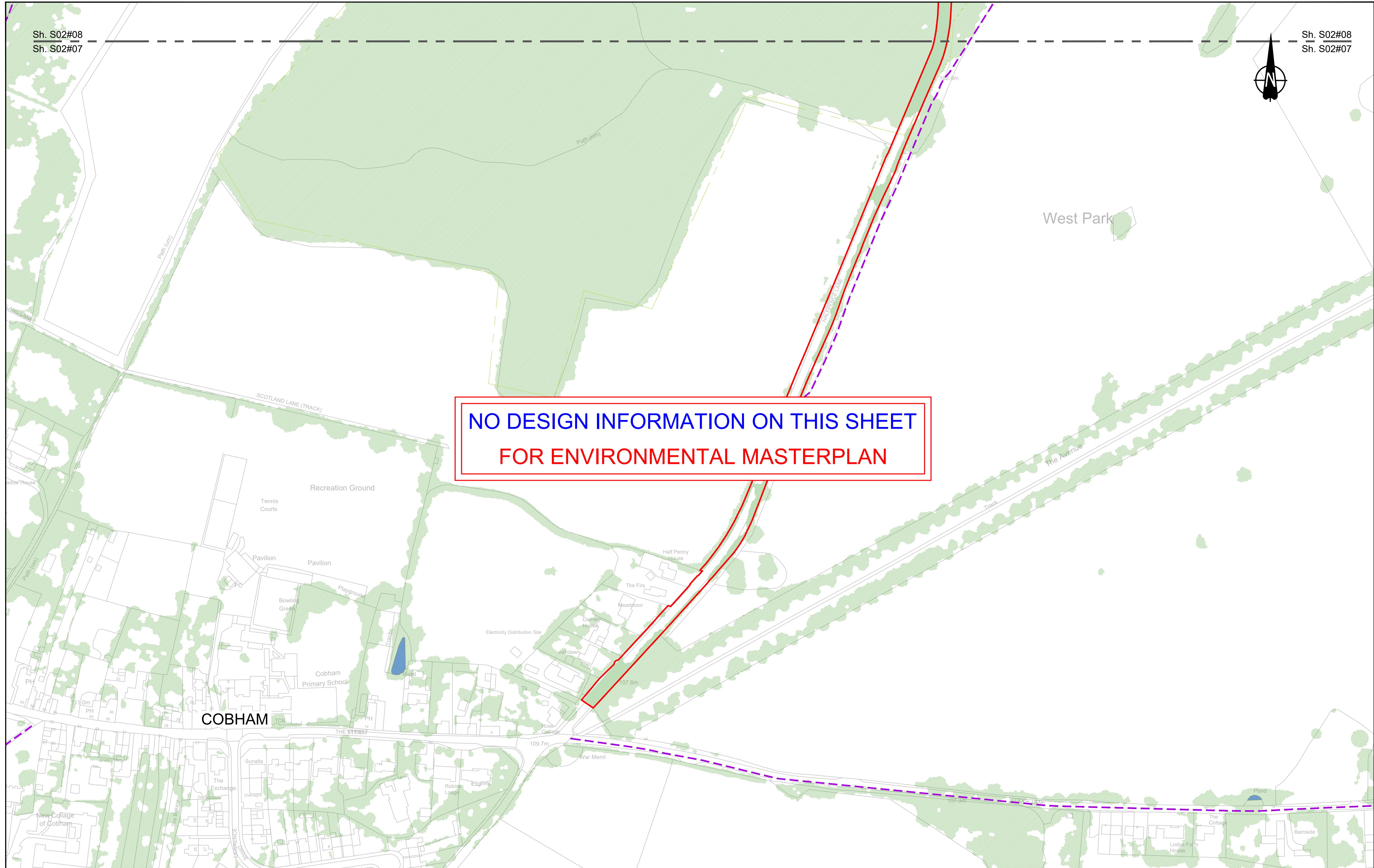
Section Overview Sheet: Refer to section overview plan at the start of the section.

P01.4 SO 08/08/2022

LD

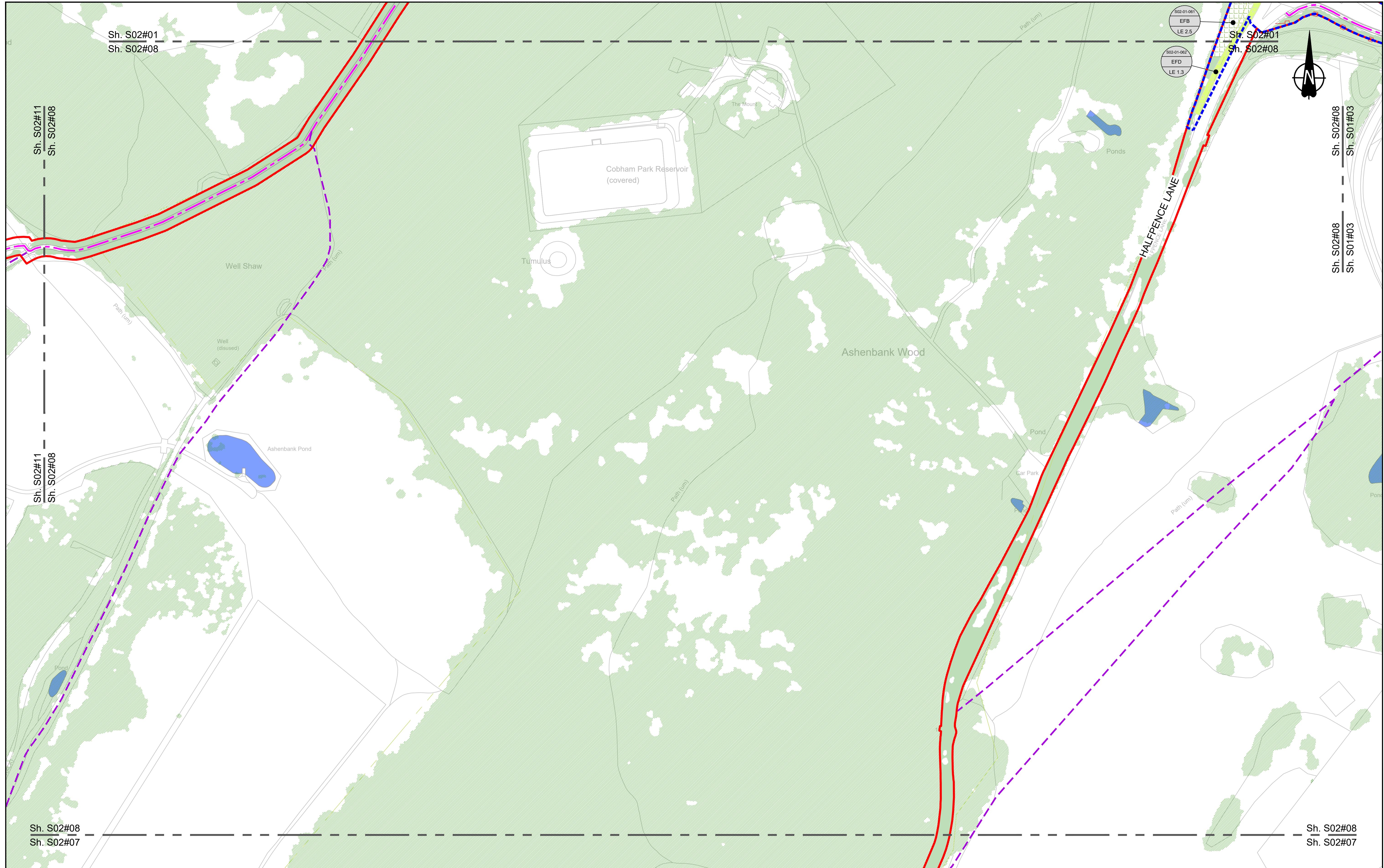
Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg HE540039-CJV-EGN-SZ2_EN000000_Z-DR-ZZ-00001).			
Order Limits	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Client
Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.1 Open Mosaic Habitat (NDPE) Compensation Areas	
Grassland (LE 1)	LE 2.5 Shrubs with Intermittent Trees	LE 2.2 Ancient Woodland Compensation Planting	Initial Status or WIP
LE 1.3 Species Rich Grassland	LE 2.7 Scattered Trees	LE 2.3 Woodland Mitigation Planting	A1
LE 1.4 Rock and Scree	Wetland Habitats (LE 6)	LE 2.4 Water Bodies - Standing Water	Original Size
LE 1.3 Non-Native Species	LE 2.14 Wet / Carr Woodland	LE 2.5 Marsh and Wet Grassland	Revision P01.4
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.24 Linear Belt of Shrubs and Trees	LE 2.6 Shallow Scrub	Application Document Number TR010032/APP/6.2
LE 1.32 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	LE 2.7 Coastal Grazing Marsh	Scale 1:1250
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.23 Rock and Scree	LE 2.8 Water Bodies and Associated Plants - Shallow Scrub	Drawing title
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.24 Linear Belt of Shrubs and Trees	LE 2.9 Banks and Ditches	LOWER THAMES CROSSING
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.25 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.26 Rock and Scree	Hard Landscape Features (LE 7)	Client
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.27 Rock and Scree	LE 7.4 Reinforced Earth Bund	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.28 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.29 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.30 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.31 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.32 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.33 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.34 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.35 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.36 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.37 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.38 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.39 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.40 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.41 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.42 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.43 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.44 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.45 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.46 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.47 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.48 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.49 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.50 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.51 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.52 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.53 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.54 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.55 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.56 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.57 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.58 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.59 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.60 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.61 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.62 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.63 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.64 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.65 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.66 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.67 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.68 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.69 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.70 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.71 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.72 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.73 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.74 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.75 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.76 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.77 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.78 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.79 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.80 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.81 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.82 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.83 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.84 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.85 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.86 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.87 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.88 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.89 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.90 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.91 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.92 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.93 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.94 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.95 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.96 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.97 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.98 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.99 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.00 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.01 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.02 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.03 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.04 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.05 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.06 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.07 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.08 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.09 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.10 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.11 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.12 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.13 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.14 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.15 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.16 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.17 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.18 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.19 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.20 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.21 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.22 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.23 Rock and Scree	E 3.2 Bat Box Block	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.24 Rock and Scree	Flood Defence (E 2-FD)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.25 Rock and Scree	Flood Compensation Areas (E 2-FC)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.26 Rock and Scree	Ecology Pond (indicative symbol only)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.27 Rock and Scree	LE 8.6 Acid Grassland Soil Salvage	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.28 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.29 Rock and Scree	Hard Landscape Features (LE 7)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.30 Rock and Scree	Earthworks	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.31 Rock and Scree	Proposed Contours	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.32 Rock and Scree	Water (E 2)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.33 Rock and Scree	Noise (E 1)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.34 Rock and Scree	Ecological (E 3)	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.35 Rock and Scree	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.36 Rock and Scree	E 3.2 Barn Owl Box	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.37 Rock and Scree	E 3.2 Dormouse Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.38 Rock and Scree	E 3.2 Bat Boxes	Project
LE 1.32 Species Rich Annual Wildflower Grassland	LE 3.39 Rock and Scree	E 3.2 Ecological Culvert	Project
LE 1.32 Species Rich Annual			



Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-S02_EN00000_Z-DR-ZZ-00001).										Client		Status	
0 10 20 30 40 50 60 70 80 90 100	METRES	SCALE 1:1250 (A1)	SCALE 1:12500 (A3)	Section Overview Sheet; Refer to section overview plan at the start of the section.	Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd	Original Size	Initial Status or WIP
01.5 S0 27/07/2022												A1	P01.5
												Application Document Number	TR010032/APP/6.2
												Scale	1:1250
												Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 7
												Drawing Number	HE540039-CJV-EGN-S02_EN00000_Z-DR-ZZ-00008

HE540039-CJV-EGN-S02\_EN00000\_Z-DR-ZZ-00008.dwg



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0 10 20 30 40 50 60 70 80 90 100  
SCALE 1:250 (A1)  
SCALE 1:2500 (A3)

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

P01.4 S0 08/08/2022 LD

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

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2\_EN00000\_Z-DR-ZZ-00001).

<b>Planting (LE 2)</b>	LE 2.1 Woodland	<b>Individual Trees (LE 5)</b>	LE 5.1 Individual Trees	<b>Ecological Habitats (LE 8)</b>	LE 8.1 Open Mosaic Habitat
■ Order Limits	LE 2.5 Shrubs With Intermittent Trees	■ LE 5.2 Scattered Trees	■ LE 6.4 Wet Grassland	■ LE 8.2 Ancient Woodland Compensation Planting	■ LE 8.7 Nitrogen Deposition (NED) Compensation Area
■ Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	■ LE 6.11 Water Bodies – Standing Water	■ LE 6.12 Water Bodies and Associated Plants – Shallow Scrub	■ LE 8.3 Woodland Mitigation Planting	■ LE 8.4 Wetland / Fenland Creation
■ Grassland (LE 1)	LE 2.13 Species Rich Grassland	■ LE 6.13 Native Species Hedge (untrimmed)	■ LE 6.14 Native Hedgerow With Trees	■ LE 8.5 Acoustic Barrier-Built Elements (typically incl. highway boundary fence)	■ LE 8.6 Acid Grassland Soil Salvage
■ LE 1.250 (A1)	LE 2.14 Wet / Carr Woodland	■ LE 6.15 Banks and Ditches	■ LE 6.16 Proposed Contours	■ E 1.2 Acoustic Barrier-Built Elements (typically incl. highway boundary fence)	■ E 3.2 Barn Owl Box
■ LE 1.2500 (A3)	LE 2.2 Woodland Edge	■ LE 6.17 Native Hedgerow With Trees	■ LE 6.18 High Tide Roost Features	■ E 3.2 Dormouse Boxes	■ E 3.2 Ecological Fencing (inc. highway boundary fence)
■ LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	■ LE 6.19 Banks and Ditches	■ LE 6.20 Proprietary Symbol	■ E 3.2 Bat Boxes	■ E 3.2 Ecological Culvert
■ LE 1.4 Rock and Scree	LE 2.24 Linear Belt of Shrubs and Trees	■ LE 6.21 Banks and Ditches	■ LE 6.22 Proprietary Symbol	■ E 3.2 Flood Defence (E 2-FD)	■ E 3.2 Bat Barn Block

■ LE 2.3 Species Rich Chalk Grassland

■ LE 2.4 Native Hedgerow With Trees

■ LE 2.5 Shrubs With Intermittent Trees

■ LE 2.6 Scrub / Scattered Scrub

■ LE 2.7 Native Species Hedge (untrimmed)

■ LE 5.2 Scattered Trees

■ LE 6.11 Water Bodies – Standing Water

■ LE 6.13 Native Species Hedge (untrimmed)

■ LE 6.15 Banks and Ditches

■ LE 6.17 Native Hedgerow With Trees

■ LE 5.3 Native Hedgerow With Trees

■ LE 6.16 Proposed Contours

■ LE 6.18 High Tide Roost Features

■ LE 6.20 Proprietary Symbol

■ LE 6.22 Proprietary Symbol

■ LE 5.4 Native Hedgerow With Trees

■ LE 6.19 Banks and Ditches

■ LE 6.21 Banks and Ditches

■ LE 6.23 Proprietary Symbol

■ LE 6.25 Shrubs With Intermittent Trees

■ LE 5.5 Native Hedgerow With Trees

■ LE 6.22 Proprietary Symbol

■ LE 6.24 Native Hedgerow With Trees

■ LE 6.26 Proprietary Symbol

■ LE 6.28 Proprietary Symbol

■ LE 5.6 Native Hedgerow With Trees

■ LE 6.23 Proprietary Symbol

■ LE 6.25 Shrubs With Intermittent Trees

■ LE 6.27 Proprietary Symbol

■ LE 6.29 Proprietary Symbol

■ LE 5.7 Native Hedgerow With Trees

■ LE 6.24 Native Hedgerow With Trees

■ LE 6.26 Proprietary Symbol

■ LE 6.28 Proprietary Symbol

■ LE 6.30 Proprietary Symbol

■ LE 5.8 Native Hedgerow With Trees

■ LE 6.25 Shrubs With Intermittent Trees

■ LE 6.27 Proprietary Symbol

■ LE 6.29 Proprietary Symbol

■ LE 6.31 Proprietary Symbol

■ LE 5.9 Native Hedgerow With Trees

■ LE 6.26 Proprietary Symbol

■ LE 6.28 Proprietary Symbol

■ LE 6.30 Proprietary Symbol

■ LE 6.32 Proprietary Symbol

■ LE 5.10 Native Hedgerow With Trees

■ LE 6.27 Proprietary Symbol

■ LE 6.29 Proprietary Symbol

■ LE 6.31 Proprietary Symbol

■ LE 6.33 Proprietary Symbol

■ LE 5.11 Native Hedgerow With Trees

■ LE 6.28 Proprietary Symbol

■ LE 6.30 Proprietary Symbol

■ LE 6.32 Proprietary Symbol

■ LE 6.34 Proprietary Symbol

■ LE 5.12 Native Hedgerow With Trees

■ LE 6.29 Proprietary Symbol

■ LE 6.31 Proprietary Symbol

■ LE 6.33 Proprietary Symbol

■ LE 6.35 Proprietary Symbol

■ LE 5.13 Native Hedgerow With Trees

■ LE 6.30 Proprietary Symbol

■ LE 6.32 Proprietary Symbol

■ LE 6.34 Proprietary Symbol

■ LE 6.36 Proprietary Symbol

■ LE 5.14 Native Hedgerow With Trees

■ LE 6.31 Proprietary Symbol

■ LE 6.33 Proprietary Symbol

■ LE 6.35 Proprietary Symbol

■ LE 6.37 Proprietary Symbol

■ LE 5.15 Native Hedgerow With Trees

■ LE 6.32 Proprietary Symbol

■ LE 6.34 Proprietary Symbol

■ LE 6.36 Proprietary Symbol

■ LE 6.38 Proprietary Symbol

■ LE 5.16 Native Hedgerow With Trees

■ LE 6.33 Proprietary Symbol

■ LE 6.35 Proprietary Symbol

■ LE 6.37 Proprietary Symbol

■ LE 6.39 Proprietary Symbol

■ LE 5.17 Native Hedgerow With Trees

■ LE 6.34 Proprietary Symbol

■ LE 6.36 Proprietary Symbol

■ LE 6.38 Proprietary Symbol

■ LE 6.40 Proprietary Symbol

■ LE 5.18 Native Hedgerow With Trees

■ LE 6.35 Proprietary Symbol

■ LE 6.37 Proprietary Symbol

■ LE 6.39 Proprietary Symbol

■ LE 6.41 Proprietary Symbol

■ LE 5.19 Native Hedgerow With Trees

■ LE 6.36 Proprietary Symbol

■ LE 6.38 Proprietary Symbol

■ LE 6.40 Proprietary Symbol

■ LE 6.42 Proprietary Symbol

■ LE 5.20 Native Hedgerow With Trees

■ LE 6.37 Proprietary Symbol

■ LE 6.39 Proprietary Symbol

■ LE 6.41 Proprietary Symbol

■ LE 6.43 Proprietary Symbol

■ LE 5.21 Native Hedgerow With Trees

■ LE 6.38 Proprietary Symbol

■ LE 6.40 Proprietary Symbol

■ LE 6.41 Proprietary Symbol

■ LE 6.42 Proprietary Symbol

■ LE 5.22 Native Hedgerow With Trees

■ LE 6.39 Proprietary Symbol

■ LE 6.41 Proprietary Symbol

■ LE 6.42 Proprietary Symbol

■ LE 6.43 Proprietary Symbol

■ LE 5.23 Native Hedgerow With Trees

■ LE 6.40 Proprietary Symbol

■ LE 6.42 Proprietary Symbol

■ LE 6.43 Proprietary Symbol

■ LE 6.44 Proprietary Symbol

■ LE 5.24 Native Hedgerow With Trees

■ LE 6.41 Proprietary Symbol

■ LE 6.43 Proprietary Symbol

■ LE 6.44 Proprietary Symbol

■ LE 6.45 Proprietary Symbol

■ LE 5.25 Native Hedgerow With Trees

■ LE 6.42 Proprietary Symbol

■ LE 6.44 Proprietary Symbol

■ LE 6.45 Proprietary Symbol

■ LE 6.46 Proprietary Symbol

■ LE 5.26 Native Hedgerow With Trees

■ LE 6.43 Proprietary Symbol

■ LE 6.45 Proprietary Symbol

■ LE 6.46 Proprietary Symbol

■ LE 6.47 Proprietary Symbol

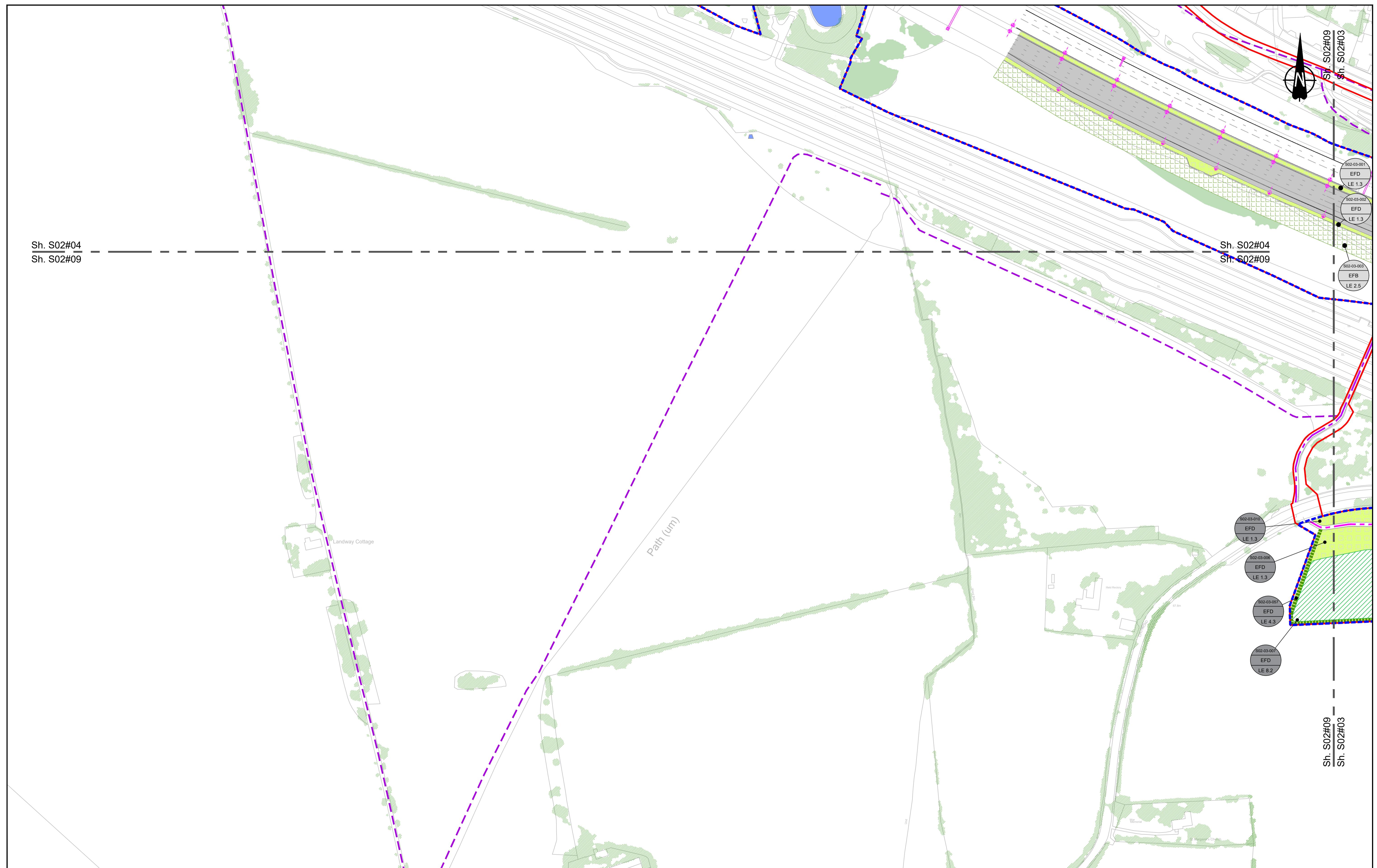
■ LE 5.27 Native Hedgerow With Trees

■ LE 6.44 Proprietary Symbol

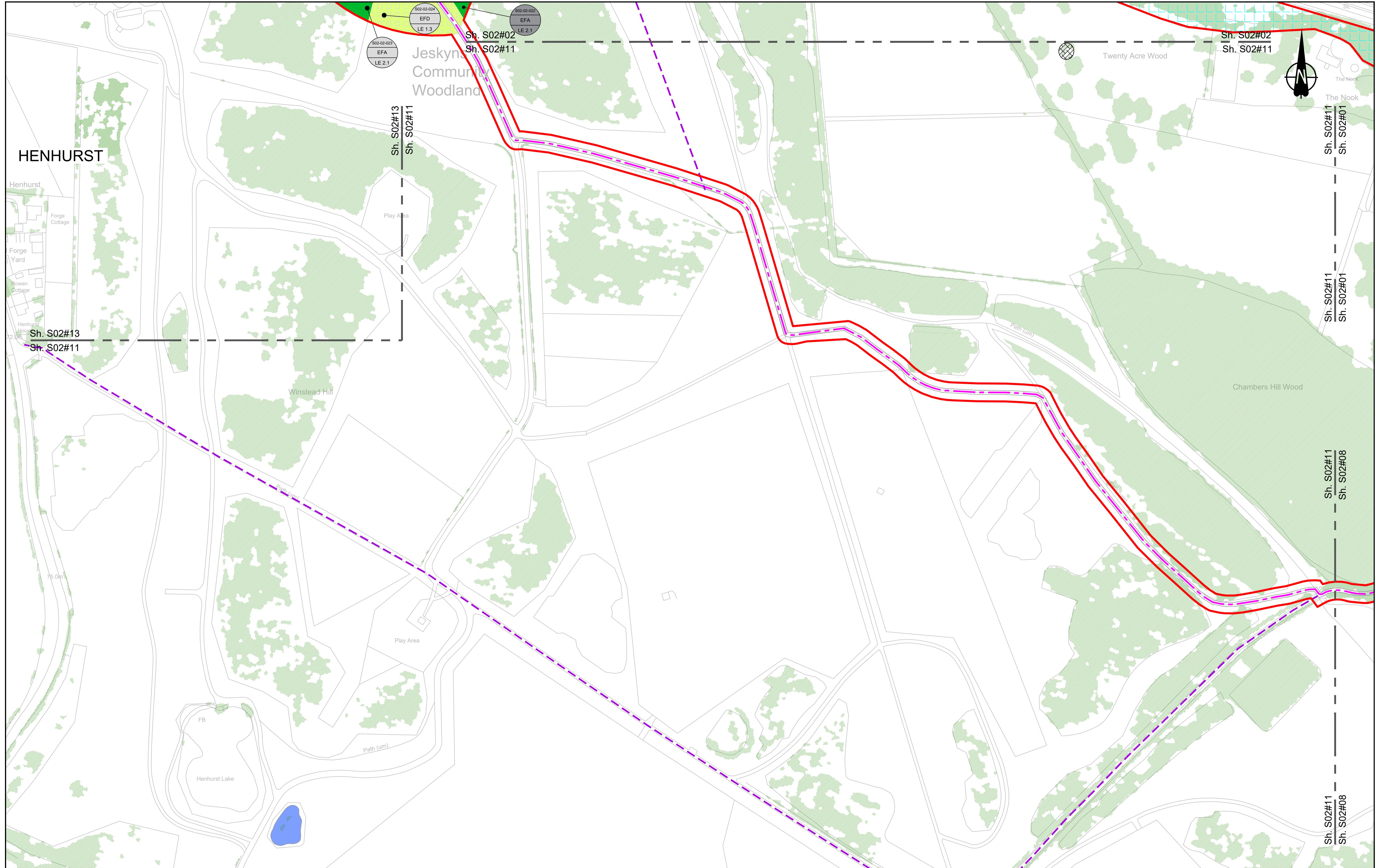
■ LE 6.46 Proprietary Symbol

■ LE 6.47 Proprietary Symbol

■ LE 6.



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<p>SCALE 1:1250 (A1) SCALE 1:2500 (A3)</p> <p>Section Overview Sheet: Refer to section overview plan at the start of the section.</p> <p>P01.3 S0 28/06/2021</p>								<b>Planting (LE 2)</b>  <b>Individual Trees (LE 5)</b>  <b>Ecological Habitats (LE 8)</b>  <b>Ecological (E 3)</b>  <b>Noise (E 1)</b>  <b>Water (E 2)</b>  <b>Hard Landscape Features (LE 7)</b>  <b>Hedges (LE 4)</b>  <b>Earthworks</b> 											
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd'	Apprv'd	Client 												
								Status <b>Initial Status or WIP</b>											
								Original Size <b>A1</b>											
								Revision P01.3											
								Application Document Number <b>TR010032/APP/6.2</b>											
								Scale 1:1250											
								Drawing title <b>ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 9 LOWER THAMES CROSSING</b>											
								Project											
								Drawing Number <b>HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00010</b>											



Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00001).										Client		Status		Initial Status or WIP		Original Size	
												Application Document Number		TR010032/APP/6.2		Revision	
												Scale		1:1250		P01.4	
0	10	20	30	40	50	60	70	80	90	METRES							
SCALE 1:1250 (A1)	SCALE 1:2500 (A3)																
Section Overview Sheet: Refer to section overview plan at the start of the section.										Project		LOWER THAMES CROSSING		Drawing Number		HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00012	
P01.4	S0	08/08/2022	LD														
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd											

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Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00001).

Order Limits (E 2)

- Order Limits
- Permanent Acquisition of Land
- Grassland (LE 1)
- Planting (LE 2)
- LE 2.1 Woodland
- LE 2.11 Woodland With Non-Native Species
- LE 2.13 Species Rich Grassland
- 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 2.4 Rock and Scree
- LE 2.5 Shrubs With Intermittent Trees
- LE 2.6 Individual Trees
- LE 2.7 Scattered Trees
- LE 2.8 Scrub / Scattered Scrub
- Hedges (LE 4)
- LE 4.1 Native Species Hedge (untrimmed)
- LE 4.2 Native Hedgerow With Trees
- Wetland Habitats (LE 6)
- LE 6.11 Water Bodies – Standing Water
- LE 6.12 Water Bodies and Associated Plants – Shallow Scape
- LE 6.2 Banks and Ditches
- LE 6.21 Banks and Ditches – High Tide Roost Features
- 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
- Individual Trees (LE 5)
- LE 6.4 Wet Grassland
- LE 6.11 Marsh and Wet Grassland – Coastal Grazing Marsh
- Hard Landscape Features (LE 7)
- LE 7.4 Reinforced Earth Bund
- Earthworks
- Proposed Contours
- Noise (E 1)
- E 1.2 Acoustic Barrier-Bull Elements (typically inc. highway boundary fence)
- Water (E 2)
- LE 8.7 Nitrogen Deposition (NDEP) Compensation Area
- E 3.2 Barn Owl Box
- E 3.2 Dormouse Boxes
- E 3.2 Ecological Fencing (inc. highway boundary fence)
- E 3.2 Bat Boxes
- E 3.2 Ecological Culvert
- E 3.2 Barn Block
- Flood Compensation Areas (E 2-FCAs)
- Flood Defence (E 2-FDs)

Client

Project

Lower Thames Crossing

Status

Initial Status or WIP

Original Size

Revision

Application Document Number

TR010032/APP/6.2

Scale

1:1250

Drawing title

ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 11

Drawing Number

HE540039-CJV-EGN-S02\_EN000000\_Z-DR-ZZ-00012

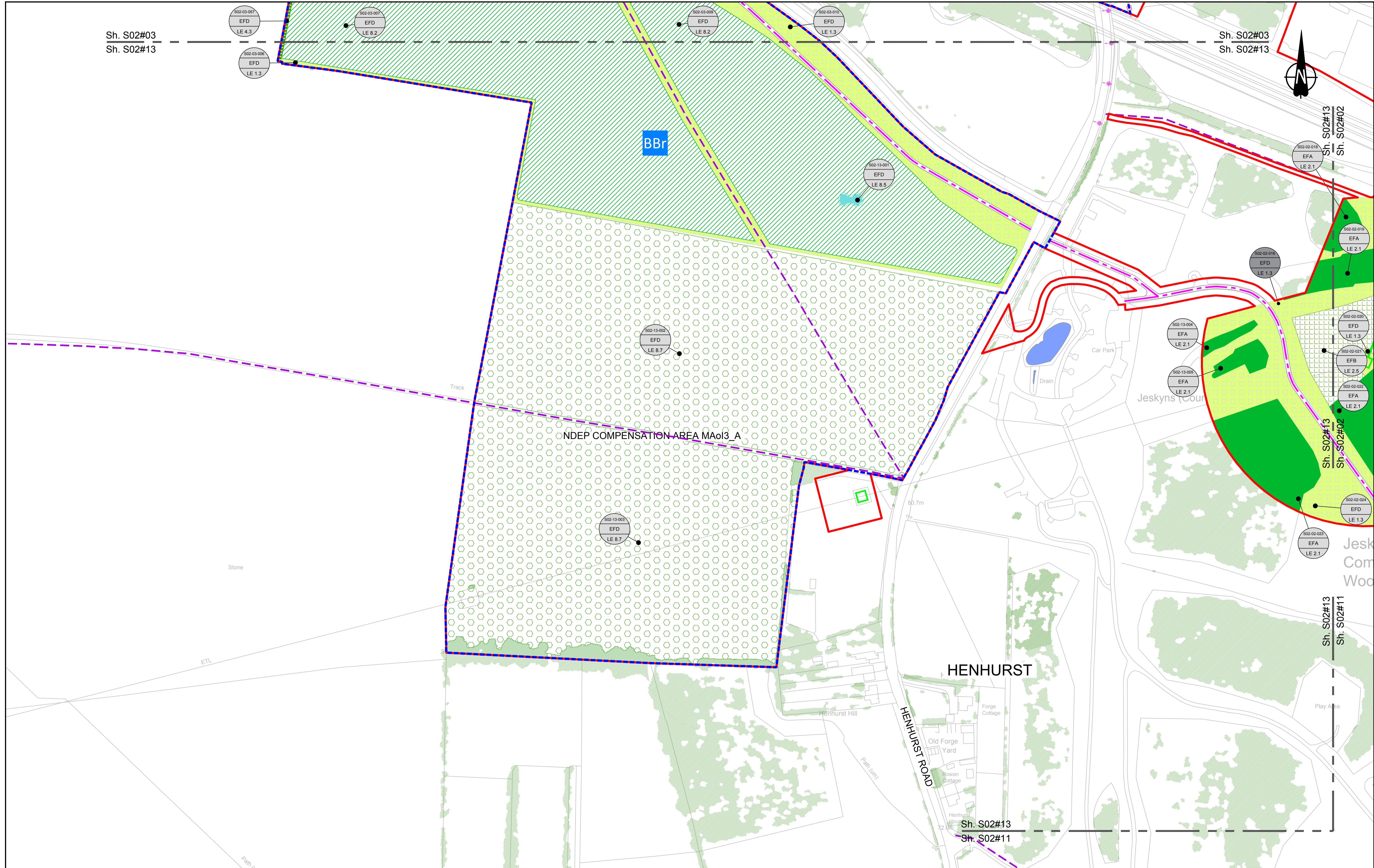
Original Size

A1

Revision

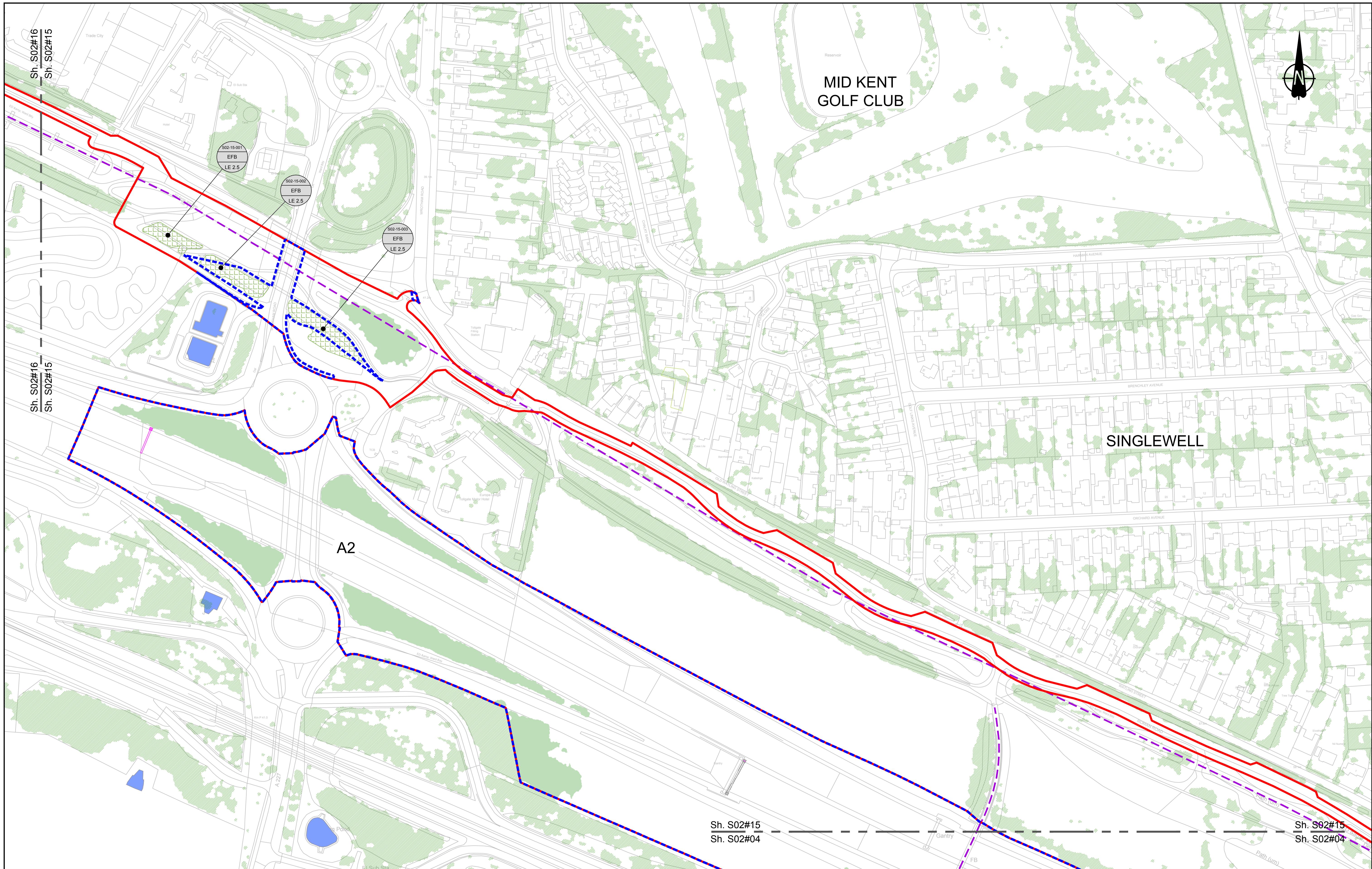
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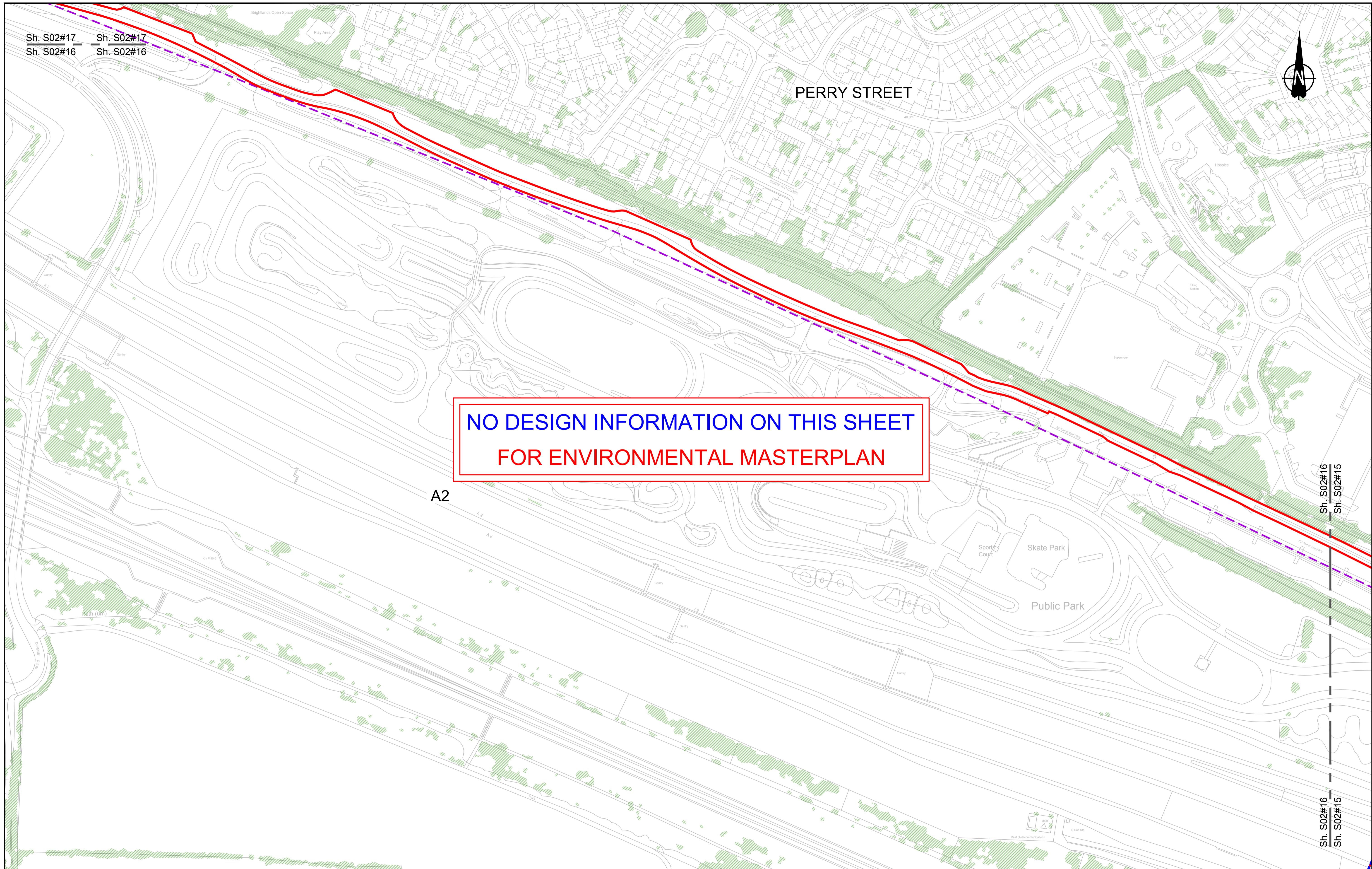


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Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2_EN000000_Z-DR-ZZ-00001).	
0	10 20 30 40 50 60 70 80 90 100 METRES
SCALE 1:1250 (A1)	SCALE 1:2500 (A3)
Grassland (LE 1)	Planting (LE 2)
LE 1.3 Species Rich Grassland	LE 2.1 Woodland
LE 1.4 Rock and Scree	LE 2.5 Shrubs With Intermittent Non-Native Species
Section Overview Sheet: Refer to section overview plan at the start of the section.	LE 2.11 Woodland With Non-Native Species
P01.4 S0 08/08/2022 LD	Individual Trees (LE 5)
Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd	LE 5.1 Individual Trees
	LE 5.2 Scattered Trees
	LE 5.3 Species Rich Chalk Grassland
	LE 5.4 Native Species Hedge (untrimmed)
	LE 5.5 Native Hedgerow With Trees
	LE 5.6 Linear Belt of Shrubs and Trees
	LE 5.7 Scrub / Scattered Scrub
	LE 5.8 Scrub / Scattered Scrub
	LE 5.9 Species Rich Annual Wildflower Grassland
	LE 5.10 Species Rich Annual Wildflower Grassland
	LE 5.11 Species Rich Annual Wildflower Grassland
	LE 5.12 Species Rich Annual Wildflower Grassland
	LE 5.13 Species Rich Annual Wildflower Grassland
	LE 5.14 Species Rich Annual Wildflower Grassland
	LE 5.15 Species Rich Annual Wildflower Grassland
	LE 5.16 Species Rich Annual Wildflower Grassland
	LE 5.17 Species Rich Annual Wildflower Grassland
	LE 5.18 Species Rich Annual Wildflower Grassland
	LE 5.19 Species Rich Annual Wildflower Grassland
	LE 5.20 Species Rich Annual Wildflower Grassland
	LE 5.21 Banks and Ditches - Proposed Contours
	LE 5.22 Scrub Woodland
	LE 5.23 Scrub Woodland
	LE 5.24 Linear Belt of Shrubs and Trees
	LE 5.25 Scrub Woodland
	LE 5.26 Scrub Woodland
	LE 5.27 Scrub Woodland
	LE 5.28 Scrub Woodland
	LE 5.29 Scrub Woodland
	LE 5.30 Scrub Woodland
	LE 5.31 Scrub Woodland
	LE 5.32 Scrub Woodland
	LE 5.33 Scrub Woodland
	LE 5.34 Scrub Woodland
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Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN00000_Z-DR-ZZ-00001).										Client		Initial Status or WIP		Original Size						
Planting (LE 2)					Individual Trees (LE 5)					Ecological Habitats (LE 8)					Ecological (E 3)					
<span style="color:red;">—</span> Order Limits	LE 2.1 Woodland	<span style="color:green;">●</span> LE 5.1 Individual Trees	<span style="color:blue;">■</span> LE 8.1 Open Mosaic Habitat	<span style="color:blue;">□</span> E 3.1 Ecological Habitat Creation and Receptor sites for Protected Species	<span style="color:blue;">□</span> E 3.2 Barn Owl Box	<span style="color:blue;">□</span> E 3.3 Dormouse Boxes	<span style="color:blue;">□</span> E 3.4 Bat Boxes	<span style="color:blue;">□</span> E 3.5 Ecological Culvert	<span style="color:blue;">□</span> E 3.6 Bat Barn Block	<span style="color:blue;">□</span> E 3.7 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	<span style="color:blue;">□</span> E 3.8 Woodland Mitigation Planting	<span style="color:blue;">□</span> E 3.9 Water Bodies – Standing Water	<span style="color:blue;">□</span> E 3.10 Water Bodies – Coastal Grazing Marsh	<span style="color:blue;">□</span> E 3.11 Water Bodies – Shallow Scrape	<span style="color:blue;">□</span> E 3.12 Water Bodies – Associated Plants – Shallow Scrape	<span style="color:blue;">□</span> E 3.13 Water Bodies – Shallow Scrape	<span style="color:blue;">□</span> E 3.14 Water Bodies – Banks and Ditches	<span style="color:blue;">□</span> E 3.15 Water Bodies – High Tide Roost Features		
<span style="color:blue;">■</span> Permanent Acquisition of Land	LE 2.2 Non-Native Species	<span style="color:green;">●</span> LE 2.5 Shrubs With Intermittent Trees	<span style="color:blue;">■</span> LE 5.2 Scrub / Scattered Scrub	<span style="color:blue;">■</span> LE 8.2 Ancient Woodland Compensation Planting	<span style="color:blue;">□</span> E 3.15 Nitrogen Deposition (NDEP) Compensation Areas	<span style="color:blue;">□</span> E 3.16 Barn Owl Box	<span style="color:blue;">□</span> E 3.17 Dormouse Boxes	<span style="color:blue;">□</span> E 3.18 Bat Boxes	<span style="color:blue;">□</span> E 3.19 Ecological Culvert	<span style="color:blue;">□</span> E 3.20 Bat Barn Block	<span style="color:blue;">□</span> E 3.21 Water Bodies – Linear Belt of Shrubs and Trees	<span style="color:blue;">□</span> E 3.22 Water Bodies – Rock and Scree	<span style="color:blue;">□</span> E 3.23 Water Bodies – Non-Native Species	<span style="color:blue;">□</span> E 3.24 Water Bodies – Chalk Grassland	<span style="color:blue;">□</span> E 3.25 Water Bodies – Rich Annual Wildflower Grassland	<span style="color:blue;">□</span> E 3.26 Water Bodies – Species Rich Chalk Grassland	<span style="color:blue;">□</span> E 3.27 Water Bodies – Species Rich Annual Wildflower Grassland	<span style="color:blue;">□</span> E 3.28 Water Bodies – Species Rich Chalk Grassland	<span style="color:blue;">□</span> E 3.29 Water Bodies – Species Rich Annual Wildflower Grassland	
SCALE 1:1250 (A1)	SCALE 1:2500 (A3)	LE 2.3 Species Rich Chalk Grassland	LE 2.4 Species Rich Annual Wildflower Grassland	LE 2.5 Linear Belt of Shrubs and Trees	LE 2.6 Scrub / Scattered Scrub	LE 2.7 Scrub / Scattered Scrub	LE 2.8 Scrub / Scattered Scrub	LE 2.9 Scrub / Scattered Scrub	LE 2.10 Scrub / Scattered Scrub	LE 2.11 Scrub / Scattered Scrub	LE 2.12 Scrub / Scattered Scrub	LE 2.13 Scrub / Scattered Scrub	LE 2.14 Scrub / Scattered Scrub	LE 2.15 Scrub / Scattered Scrub	LE 2.16 Scrub / Scattered Scrub	LE 2.17 Scrub / Scattered Scrub	LE 2.18 Scrub / Scattered Scrub	LE 2.19 Scrub / Scattered Scrub		
Section Overview Sheet: Refer to section overview plan at the start of the section.	P01.4	08/08/2022	LD	Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd	Project									
Drawing Number HE540039-CJV-EGN-S02_EN00000_Z-DR-ZZ-00016																				



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

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

P01.5 SO 08/08/2022 LD

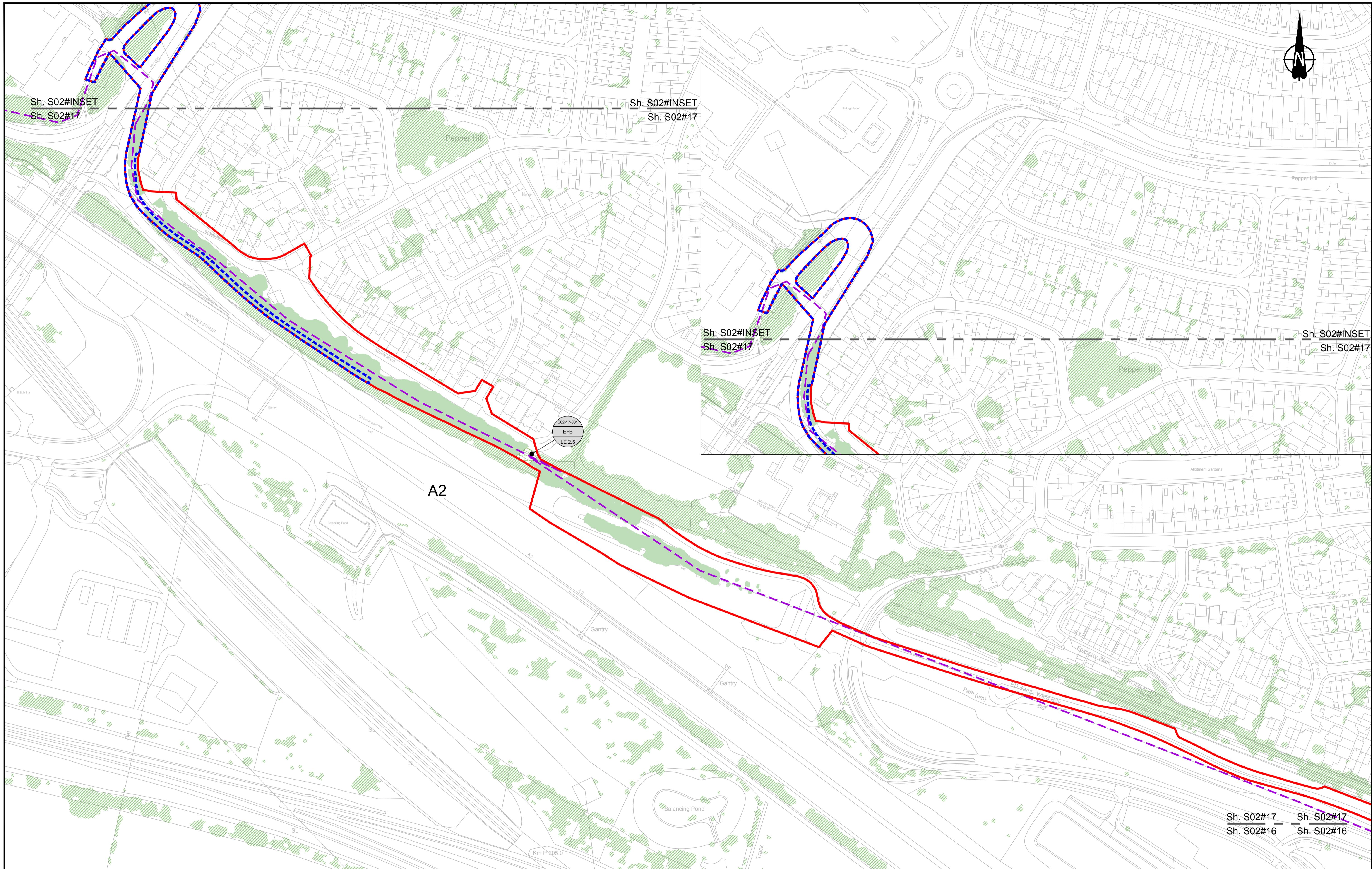
Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd

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)	Ecological (E 3)	Client	Status	Initial Status or WIP	Original Size
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 Barn Owl Box	national highways	A1	TR010032/APP/6.2	Revision P01.5
Grassland (LE 1)	LE 2.2 Non-Native Species	LE 5.2 Scrub With Intermittent Trees	LE 8.2 Ancient Woodland Compensation Area	E 3.2 Dormouse Boxes	E 3.2 Ecological Fencing (inc. highway boundary fence)				
LE 1.3 Species Rich Grassland	LE 2.3 Woodland Edge	LE 5.3 Scattered Trees	LE 8.3 Woodland Mitigation Planting	E 3.2 Bat Boxes					
LE 1.4 Wet / Carr Woodland	LE 2.4 Scrub Woodland	LE 5.4 Native Species Hedge (untrimmed)	LE 8.4 Wetland / Fenland Creation	E 3.2 Ecological Culvert					
LE 1.5 Species Rich Chalk Grassland	LE 2.5 Linear Belt of Shrubs and Trees	LE 5.5 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Flood Defence (E 2-FD)					
LE 1.6 Species Rich Annual Wildflower Grassland	LE 2.6 Native Hedgerow With Trees	LE 5.6 Proposed Contours	LE 8.6 Acid Grassland Soil Salvage						
LE 1.7 Rock and Scree	LE 2.7 Scrub / Scattered Scrub	LE 5.7 Trees							

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)	Ecological (E 3)	Client	Status	Initial Status or WIP	Original Size
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 Barn Owl Box	national highways	A1	TR010032/APP/6.2	Revision P01.5
Grassland (LE 1)	LE 2.2 Non-Native Species	LE 5.2 Scrub With Intermittent Trees	LE 8.2 Ancient Woodland Compensation Area	E 3.2 Dormouse Boxes	E 3.2 Ecological Fencing (inc. highway boundary fence)				
LE 1.3 Species Rich Grassland	LE 2.3 Woodland Edge	LE 5.3 Scattered Trees	LE 8.3 Woodland Mitigation Planting	E 3.2 Bat Boxes					
LE 1.4 Wet / Carr Woodland	LE 2.4 Scrub Woodland	LE 5.4 Native Species Hedge (untrimmed)	LE 8.4 Wetland / Fenland Creation	E 3.2 Ecological Culvert					
LE 1.5 Species Rich Chalk Grassland	LE 2.5 Linear Belt of Shrubs and Trees	LE 5.5 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Flood Defence (E 2-FD)					
LE 1.6 Species Rich Annual Wildflower Grassland	LE 2.6 Native Hedgerow With Trees	LE 5.6 Proposed Contours	LE 8.6 Acid Grassland Soil Salvage						
LE 1.7 Rock and Scree	LE 2.7 Scrub / Scattered Scrub	LE 5.7 Trees							

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)	Ecological (E 3)	Client	Status	Initial Status or WIP	Original Size
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 Barn Owl Box	national highways	A1	TR010032/APP/6.2	Revision P01.5
Grassland (LE 1)	LE 2.2 Non-Native Species	LE 5.2 Scrub With Intermittent Trees	LE 8.2 Ancient Woodland Compensation Area	E 3.2 Dormouse Boxes	E 3.2 Ecological Fencing (inc. highway boundary fence)				
LE 1.3 Species Rich Grassland	LE 2.3 Woodland Edge	LE 5.3 Scattered Trees	LE 8.3 Woodland Mitigation Planting	E 3.2 Bat Boxes					
LE 1.4 Wet / Carr Woodland	LE 2.4 Scrub Woodland	LE 5.4 Native Species Hedge (untrimmed)	LE 8.4 Wetland / Fenland Creation	E 3.2 Ecological Culvert					
LE 1.5 Species Rich Chalk Grassland	LE 2.5 Linear Belt of Shrubs and Trees	LE 5.5 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Flood Defence (E 2-FD)					
LE 1.6 Species Rich Annual Wildflower Grassland	LE 2.6 Native Hedgerow With Trees	LE 5.6 Proposed Contours	LE 8.6 Acid Grassland Soil Salvage						
LE 1.7 Rock and Scree	LE 2.7 Scrub / Scattered Scrub	LE 5.7 Trees							

Client		Status	Initial Status or WIP	Original Size
Project	LOWER THAMES CROSSING		TR010032/APP/6.2	A1
			Scale 1:1250	Revision P01.5
			Drawing title ENVIRONMENTAL MASTERPLAN SECTION 2 SHEET 16	
			Drawing Number HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00017	



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

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

P01.5 S0 08/08/2022 LD

Rev Status Rev. Date Purpose of revision Drawn Chkd Aprvd

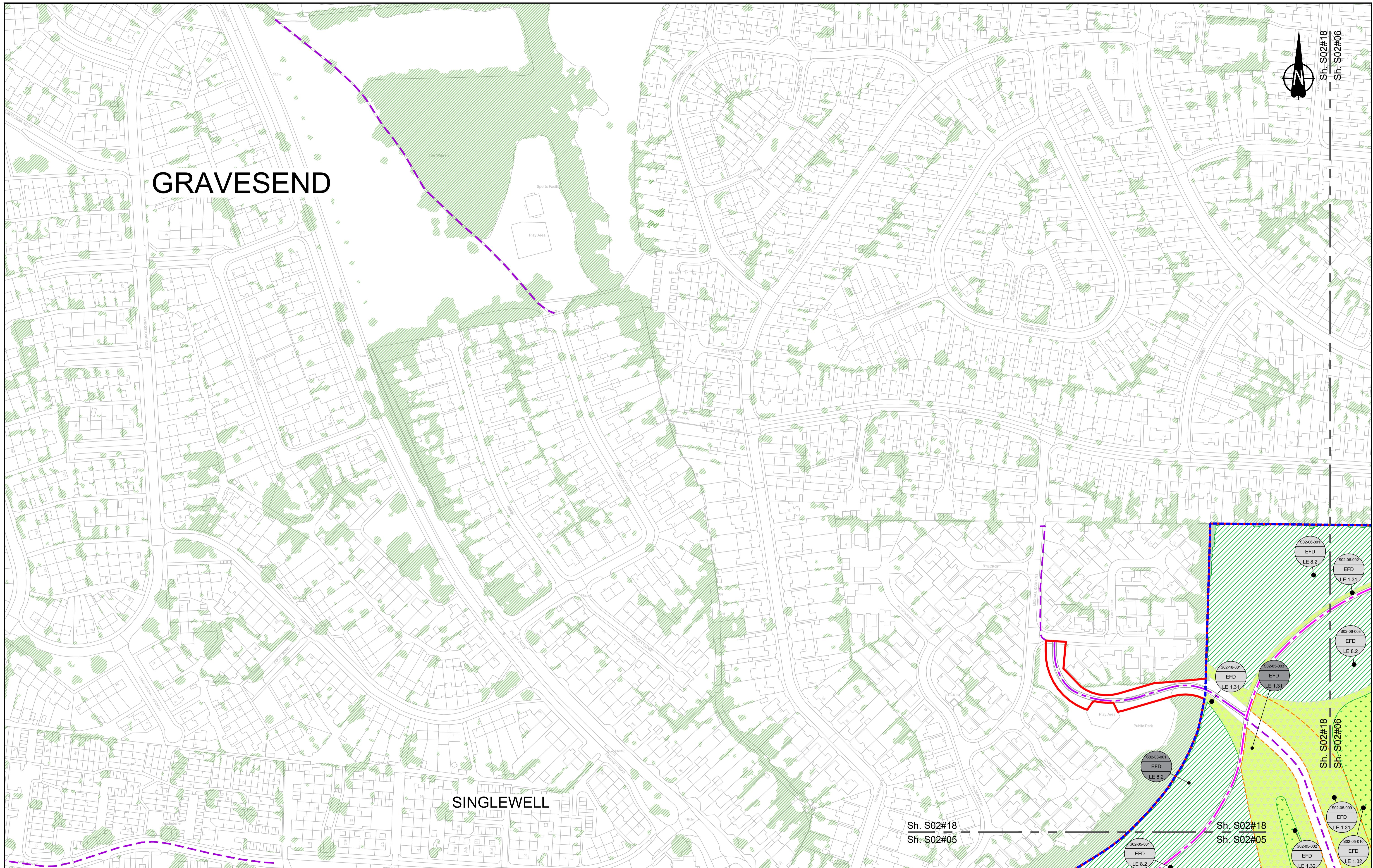
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).									
<span style="color:red;">—</span> Order Limits	<span style="color:green;">■</span> Planting (LE 2)	<span style="color:blue;">■</span> Permanent Acquisition of Land	<span style="color:darkgreen;">■</span> Individual Trees (LE 5)	<span style="color:darkgreen;">●</span> LE 5.1 Individual Trees	<span style="color:lightgreen;">■</span> Ecological Habitats (LE 8)	<span style="color:lightgreen;">○</span> LE 8.1 Open Mosaic Habitat	<span style="color:blue;">□</span> E 3.2 Barn Owl Box	<span data-kind="parent" style-cs="2">Client</span> <span style-kind="ghost"></span>	<span style="color:blue;">■</span> Status
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.1 Woodland	<span style="color:blue;">■</span> LE 2.5 Shrubs With Intermittent Trees	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.4 Wet Grassland	<span style="color:lightgreen;">■</span> LE 8.2 Ancient Woodland Compensation Planting	<span style="color:blue;">□</span> E 3.2 Dormouse Boxes	<span style="color:blue;">□</span> E 3.2 Ecological Fencing (inc. highway boundary fence)	<span style="color:blue;">■</span> Initial Status or WIP	<span style="color:blue;">■</span> Original Size
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.11 Woodland With Non-Native Species	<span style="color:blue;">■</span> LE 2.6 Scattered Trees	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.11 Marsh & Wet Grassland Coastal Grazing Marsh	<span style="color:lightgreen;">■</span> LE 8.3 Woodland Mitigation Planting	<span style="color:blue;">□</span> E 3.2 Bat Boxes	<span style="color:blue;">□</span> E 3.2 Ecological Culvert	<span style="color:blue;">■</span> Application Document Number	<span style="color:blue;">■</span> Revision
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.13 Species Rich Grassland	<span style="color:blue;">■</span> LE 2.7 Scrub / Scattered Scrub	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.12 Water Bodies – Standing Water	<span style="color:lightgreen;">■</span> LE 8.4 Wetland / Fenland Creation	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> TR010032/APP/6.2	<span style="color:blue;">■</span> P01.5
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.14 Wet / Carr Woodland	<span style="color:blue;">■</span> LE 2.8 Scrub / Scattered Scrub	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.13 Species Rich Chalk Grassland	<span style="color:lightgreen;">■</span> LE 8.5 Ecology Pond (indicative symbol only)	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> Scale	<span style="color:blue;">■</span> 1:1250
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.2 Woodland Edge	<span style="color:blue;">■</span> LE 2.9 Native Species Hedge (untrimmed)	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.14 Banks and Ditches	<span style="color:lightgreen;">■</span> LE 8.6 Acid Grassland Soil Salvage	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> Drawing title	
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.22 Scrub Woodland	<span style="color:blue;">■</span> LE 3.0 Native Hedgerow With Trees	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span> LE 6.15 Linear Belt of Shrubs and Trees	<span style="color:lightgreen;">■</span>	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> ENVIRONMENTAL MASTERPLAN	
<span style="color:red;">—</span>	<span style="color:green;">■</span> LE 2.4 Rock and Scree	<span style="color:blue;">■</span>	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span>	<span style="color:lightgreen;">■</span>	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> SECTION 2	
<span style="color:red;">—</span>	<span style="color:green;">■</span>	<span style="color:blue;">■</span>	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span>	<span style="color:lightgreen;">■</span>	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> SHEET 17	
<span style="color:red;">—</span>	<span style="color:green;">■</span>	<span style="color:blue;">■</span>	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span>	<span style="color:lightgreen;">■</span>	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> Drawing Number	
<span style="color:red;">—</span>	<span style="color:green;">■</span>	<span style="color:blue;">■</span>	<span style="color:darkgreen;">●</span>	<span style="color:lightgreen;">■</span>	<span style="color:lightgreen;">■</span>	<span style="color:blue;">□</span> E 3.2 Flood Defence (E 2-FD)	<span style="color:blue;">□</span> E 3.2 Bat Barriers	<span style="color:blue;">■</span> HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00018	

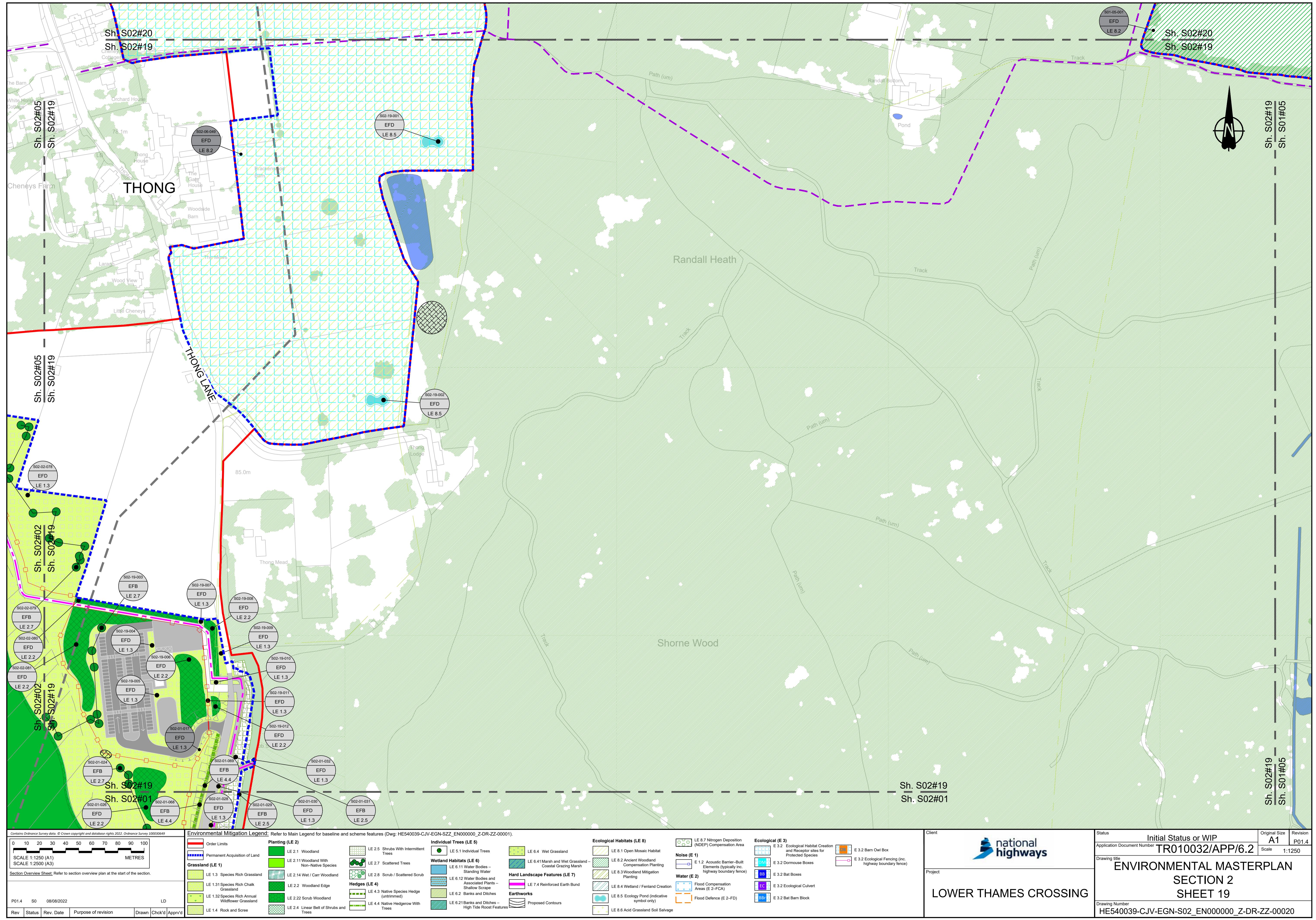
national highways

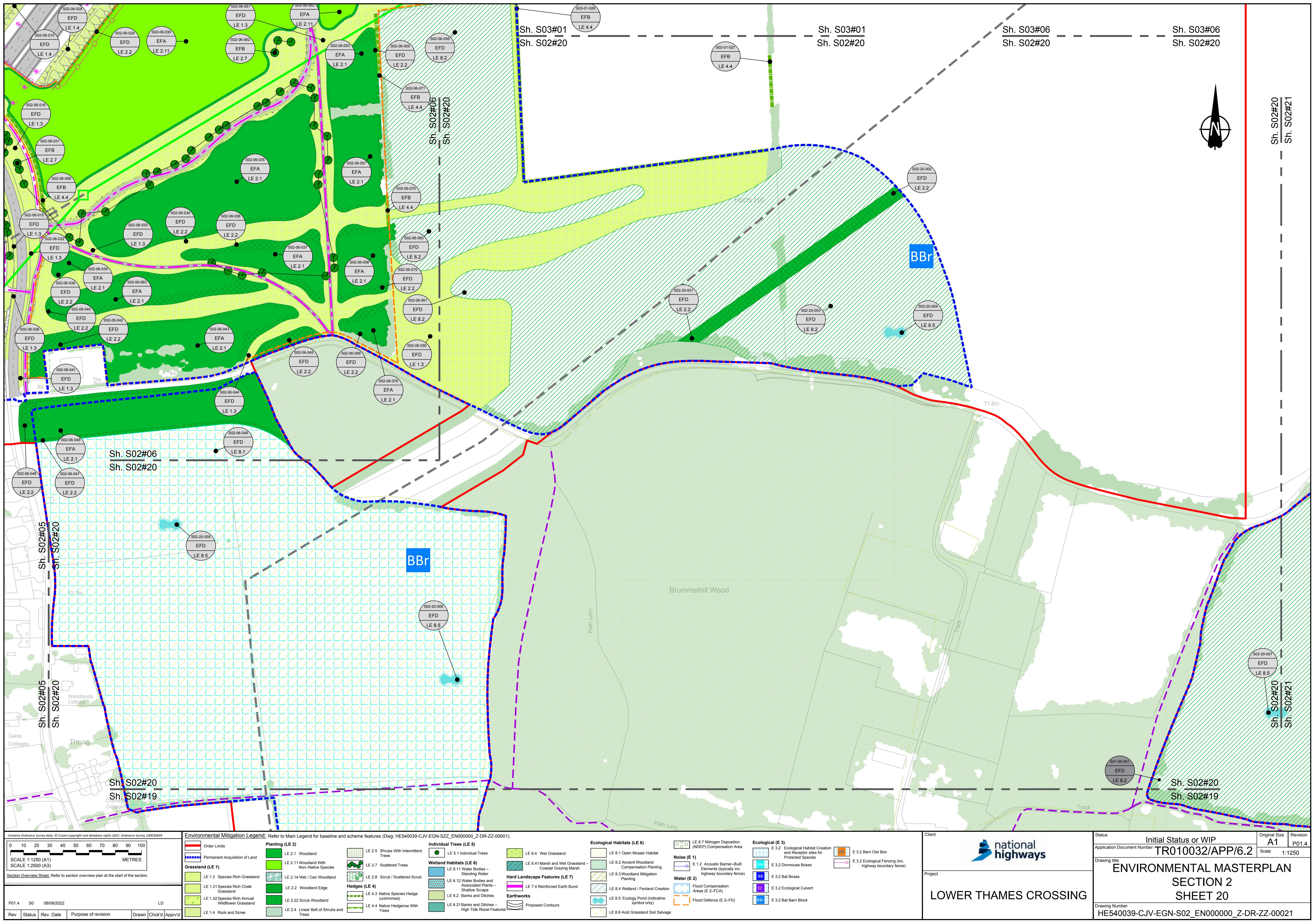
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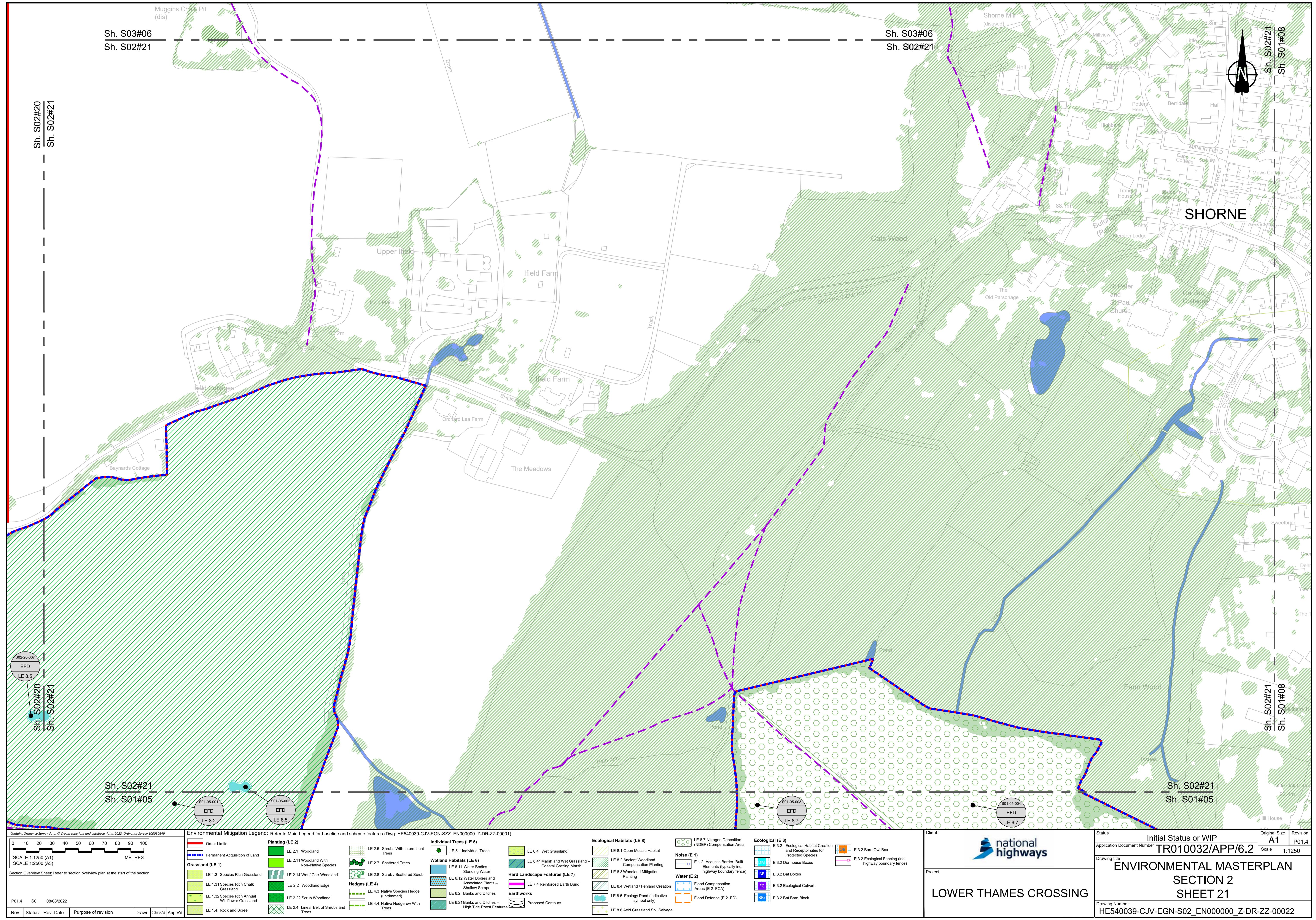
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