



Lower Thames Crossing
6.2 Environmental Statement
Figure 2.4 - Environmental
Masterplan Section 10 (6 of 10)
(Tracked changes version)

APFP Regulation 5(2)(a)

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

Volume 6

DATE: ~~September~~ **December 2023**
DEADLINE: ~~9~~

Deleted: September

Deleted: 4

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

VERSION: ~~3~~ **4.0**

Deleted: 3

Revision history

Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	3 August 2023	Deadline 2
3.0	19 September 2023	Deadline 4
<u>4.0</u>	<u>11 December 2023</u>	<u>Deadline 9</u>

Lower Thames Crossing

6.2 Environmental Statement

Figure 2.4 - Environmental Masterplan Section 10 (6 of 10)

(Tracked changes version)

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1 Environmental Masterplan: Section 10

1.1 Schedule of Plans included in this application document

1.2 Section 10 (Sheets 1-21)

Drawing Number and Title	Application Document Ref	Revision
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00001 - Section 10 Overview	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00002 - Section 10 Sheet 1	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00003 - Section 10 Sheet 2	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00004 - Section 10 Sheet 3	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00005 - Section 10 Sheet 4	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00006 - Section 10 Sheet 5	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00007 - Section 10 Sheet 6	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00008 - Section 10 Sheet 7	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00009 - Section 10 Sheet 8	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00010 - Section 10 Sheet 9	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00011 - Section 10 Sheet 10	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00012 - Section 10 Sheet 11	TR010032/APP/6.2	P0 3

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Drawing Number and Title	Application Document Ref	Revision
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00013 - Section 10 Sheet 12	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00014 - Section 10 Sheet 13	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00015 - Section 10 Sheet 14	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00016 - Section 10 Sheet 15	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00017 - Section 10 Sheet 16	TR010032/APP/6.2	P0 3
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00018 - Section 10 Sheet 17	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00019 - Section 10 Sheet 18	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00020 - Section 10 Sheet 19	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00021 - Section 10 Sheet 20	TR010032/APP/6.2	P0 2
HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00022 - Section 10 Sheet 21	TR010032/APP/6.2	P0 2

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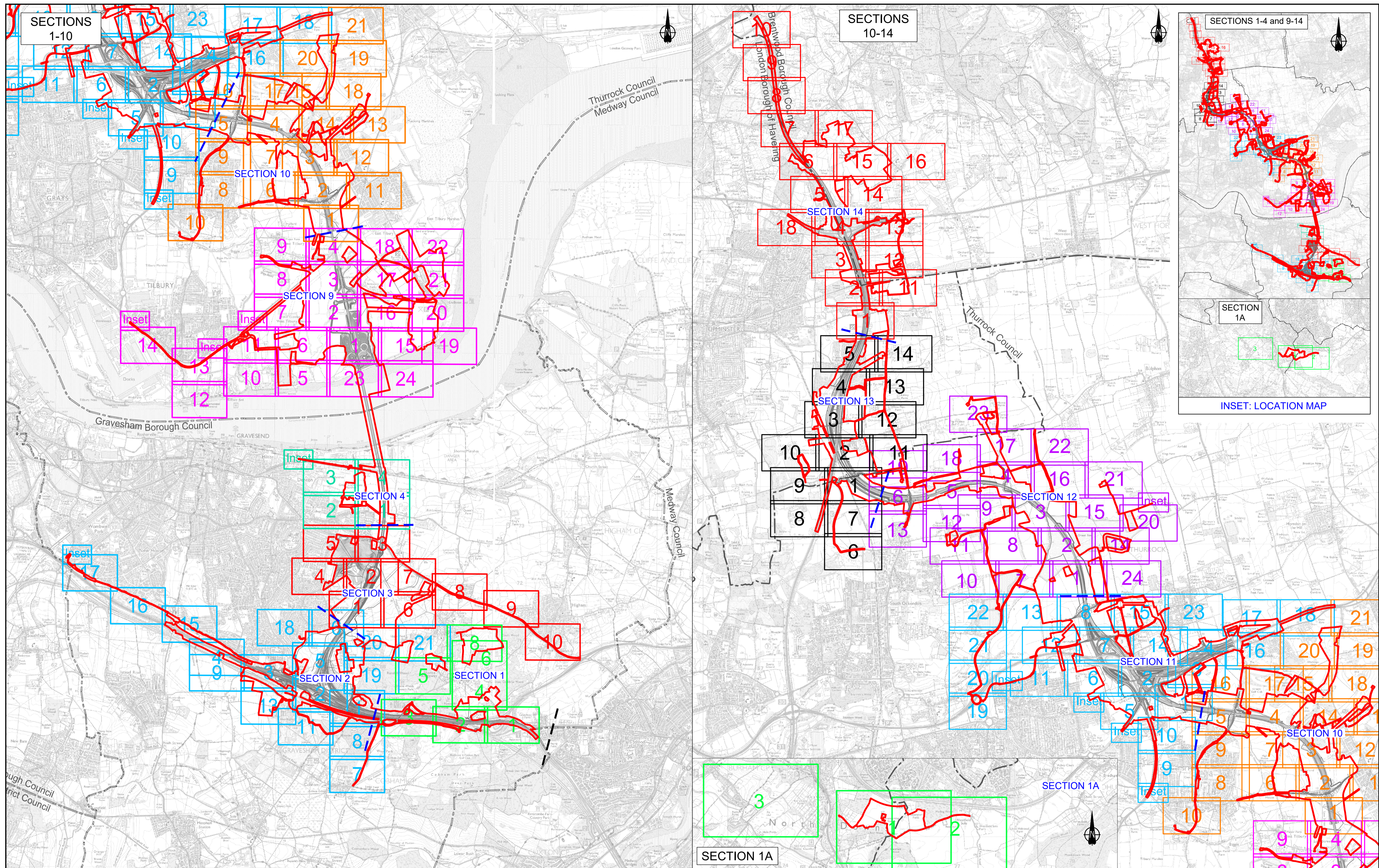
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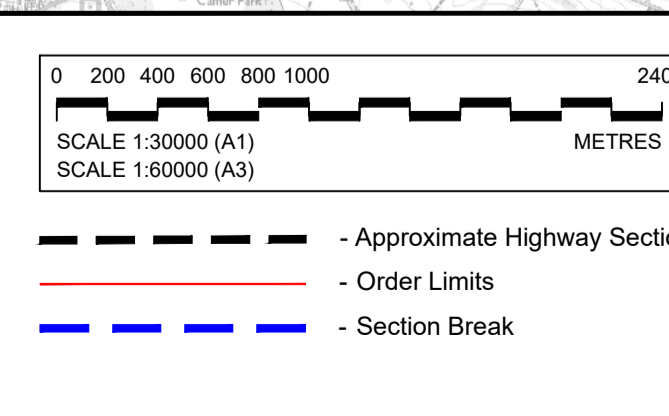
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1.3 Scheme Overview



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:	
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 S5 to S8: Project route in tunnel, therefore no Environmental Masterplan coverage
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:

Section 1

- Sheet 7 (HE540039-CJV-EGN-S01_EN000000_Z-DR-ZZ-00008)

Section 2

- Sheet 10 (HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00011)
- Sheet 12 (HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00013)
- Sheet 14 (HE540039-CJV-EGN-S02_EN000000_Z-DR-ZZ-00015)

Client: **national highways**

Project: **LOWER THAMES CROSSING**

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

1.4 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

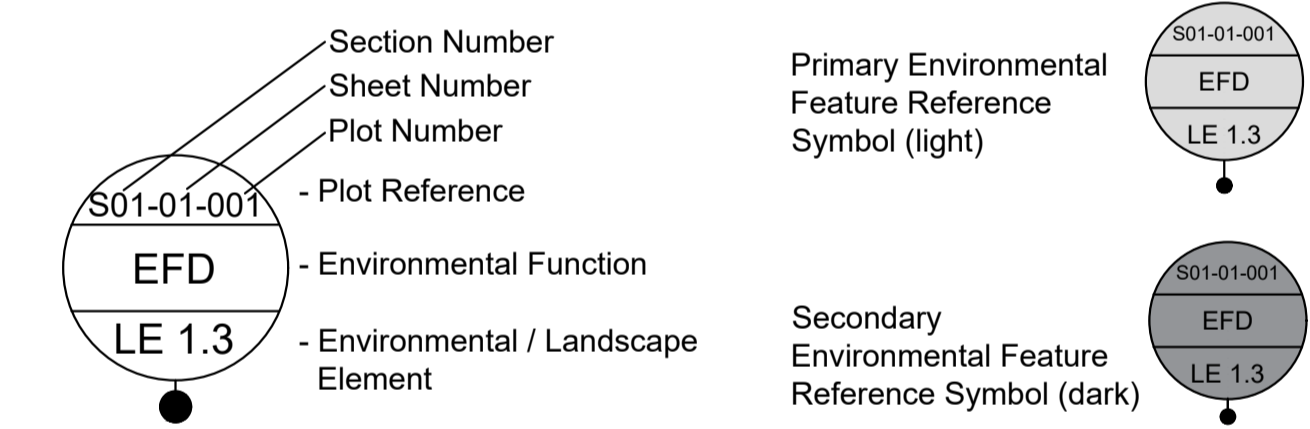
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environment Masterplan secures the spatial extent and location of the environmental / landscape elements detailed 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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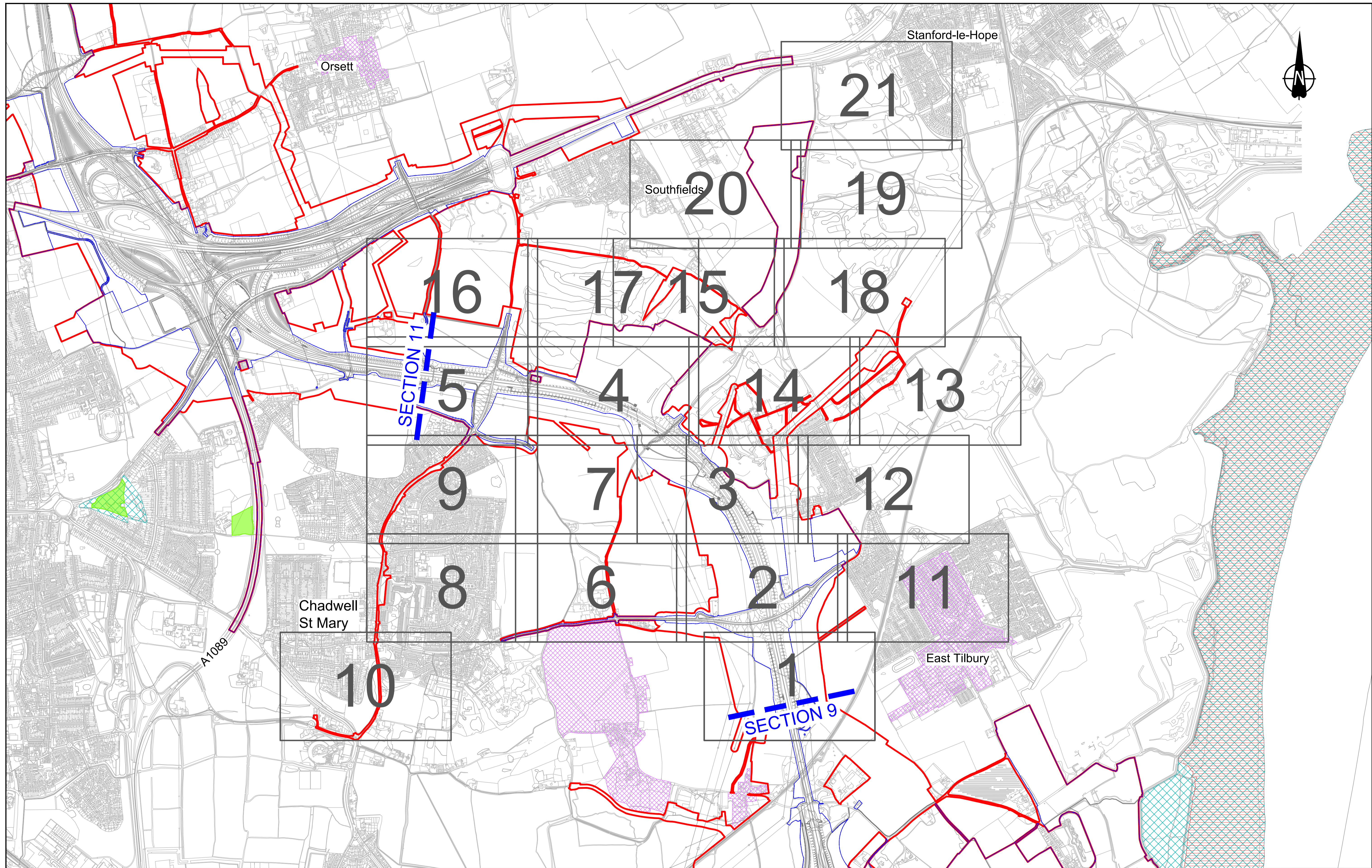
P01	S2	27/10/2022	LD
P02	S8	11/12/2023	Deadline 9 GH1 RO BF
Rev	Status	Rev. Date	Purpose of revision
			Drawn
			Check'd
			Apprv'd

Client:

Project: LOWER THAMES CROSSING

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

1.5 Section 10



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

P01	S2	25/10/2022	DCO Application	PS	MH	SK
P02	S8	29/11/2023	Deadline 4	GH1	RO	BF
P03	S8	11/12/2023	Deadline 9	GH1	RO	BF

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

LEGEND

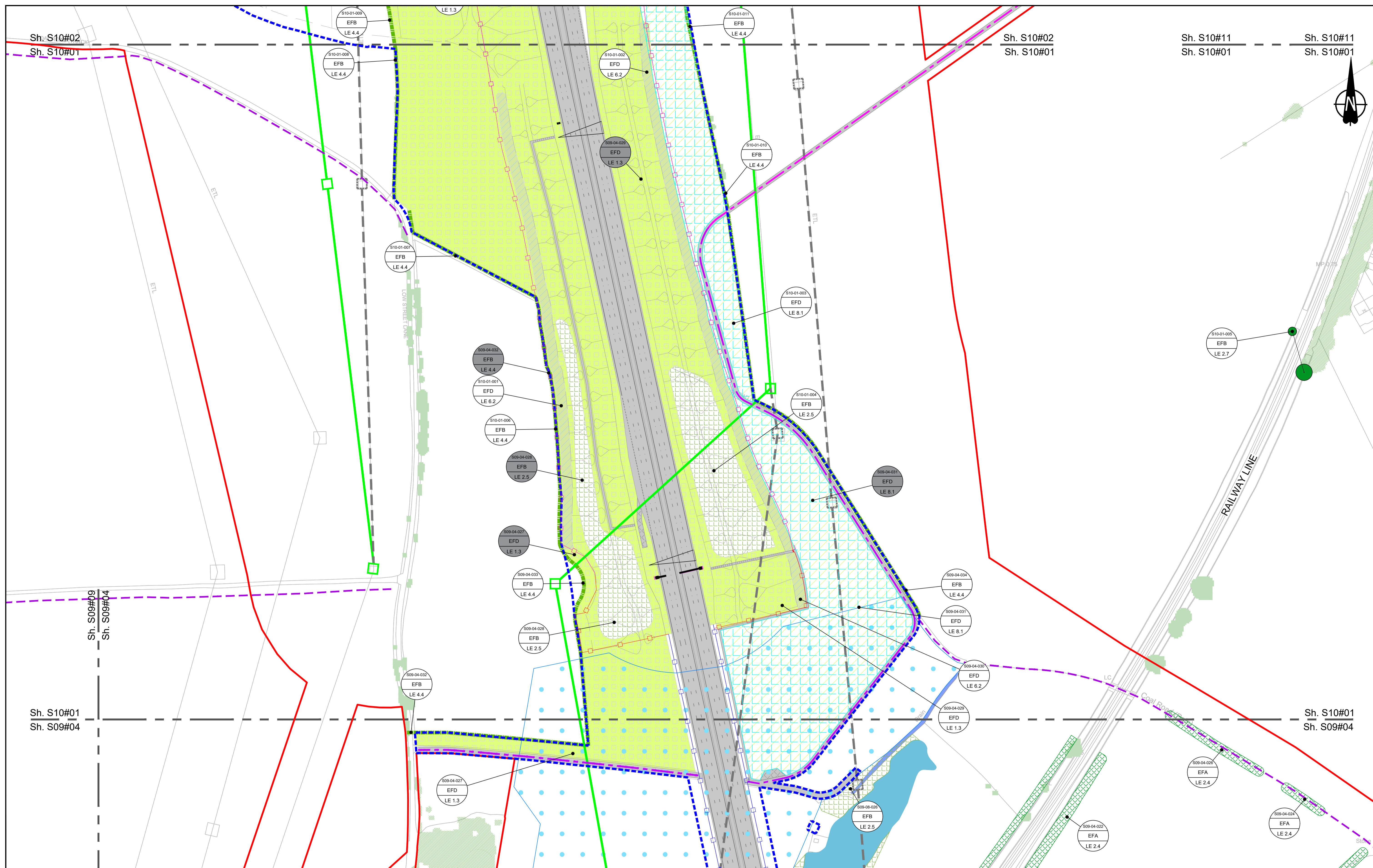
Order Limits	Registered Parks and Gardens
Permanent Acquisition of Land	Ramsar Sites
Area of Outstanding National Beauty (AONB)	Ancient Woodland
Site of Special Scientific Interest (SSSI)	Conservation Area

Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	AS SHOWN		
Drawing title	ENVIRONMENTAL MASTERPLAN OVERVIEW PLAN SECTION 10				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00001				



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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		ET	MH	SK
P02	S8	19/09/2023	Deadline 4	GH1	RO	BF
P03	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)

<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> 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 	<p>Planting (LE 2)</p> <ul style="list-style-type: none"> 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 <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> LE 6.12 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Root Features 	<p>Individual Trees (LE 5)</p> <ul style="list-style-type: none"> LE 5.1 Individual Trees <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> LE 6.1 Water Bodies - Standing Water LE 6.2 Water Bodies and Associated Plants - Shallow Scrape LE 6.21 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Root Features <p>Hard Landscape Features (LE 7)</p> <ul style="list-style-type: none"> LE 7.4 Reinforced Earth Bund <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Ecological Habitats (LE 8)</p> <ul style="list-style-type: none"> 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 <p>Ecological (E 3)</p> <ul style="list-style-type: none"> 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 Ecological Fencing (inc. highway boundary fence) E 3.2 Barn Owl Box 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <p>Water (E 2)</p> <ul style="list-style-type: none"> Flood Compensation Areas (E 2-FCAs) Flood Defence (E 2-FD)
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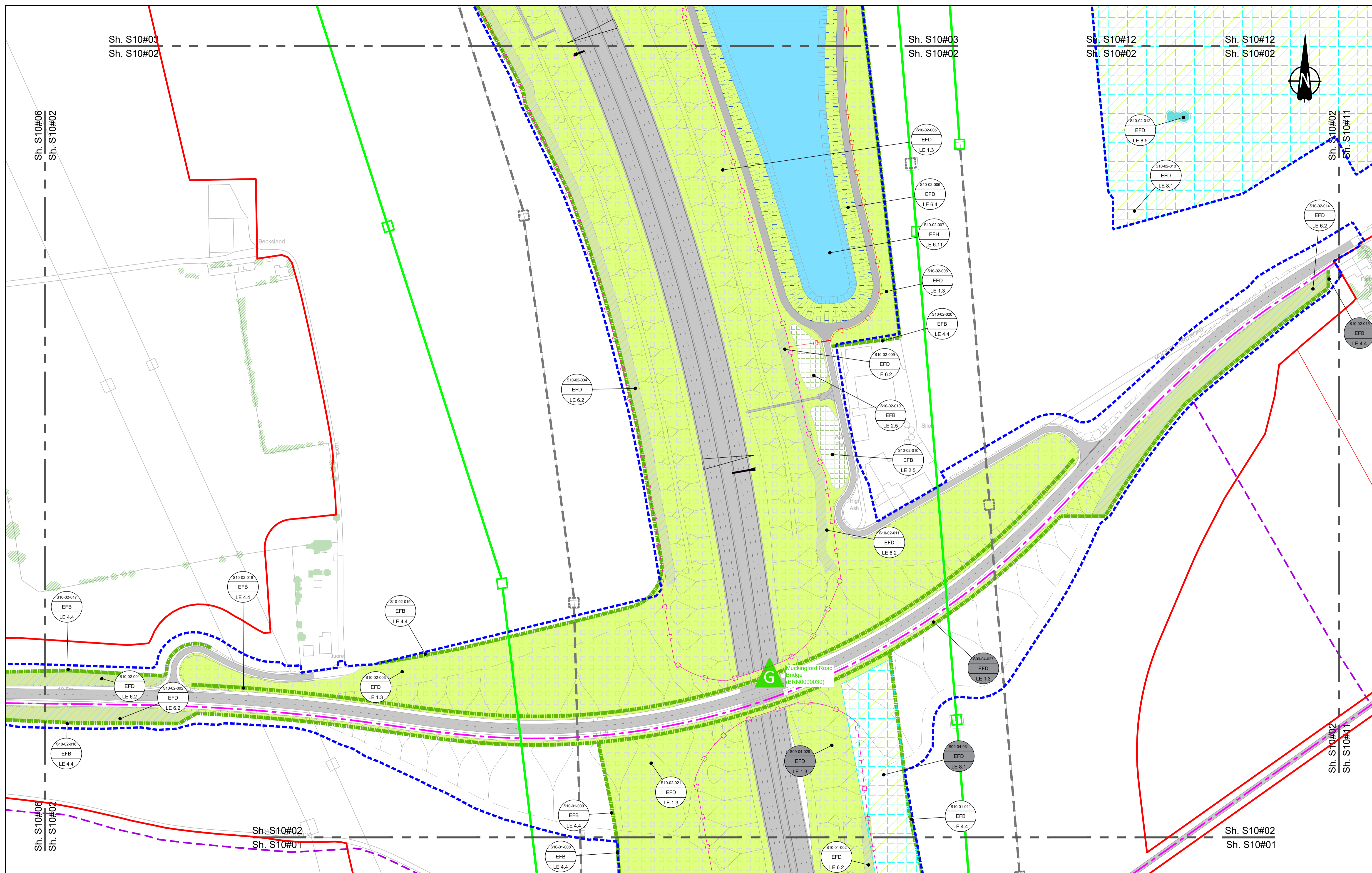
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Examination
Application Document Number: TR010032/APP/6.2
Drawing title: **ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 1**
Drawing Number: HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00002

Original Size: A1
Scale: AS SHOWN
Revision: P03

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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	19/09/2023	Deadline 4	GH1	RO BF
P03	S8	11/12/2023	Deadline 9	GH1	RO BF

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
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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	LE 2.1 Woodland	LE 5.1 Individual Trees
Grassland (LE 1)	LE 2.11 Woodland With Non-Native Species	Wetland Habitats (LE 6)
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	Hard Landscape Features (LE 7)
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 7.4 Reinforced Earth Bund
		Earthworks
		Proposed Contours

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

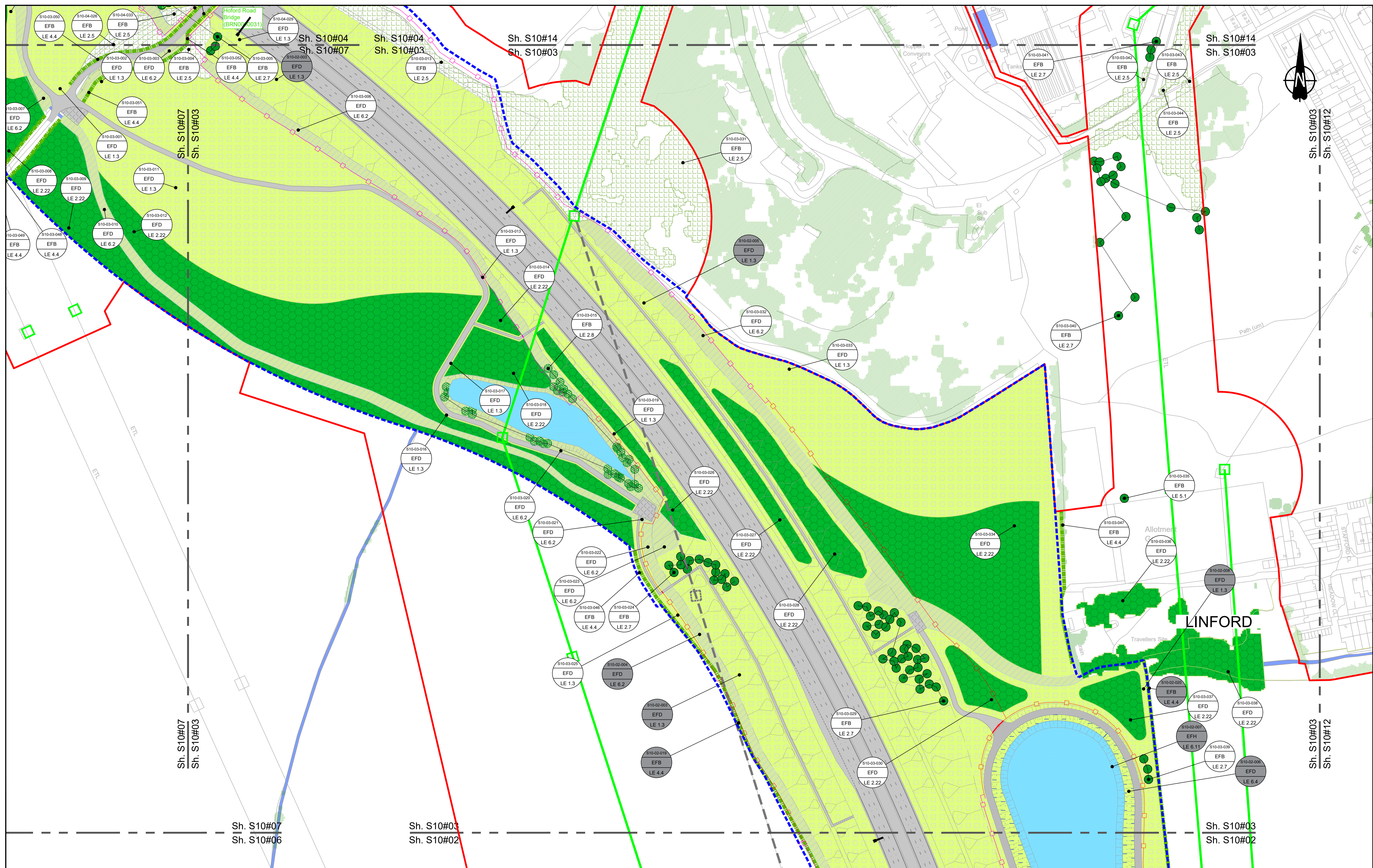
Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P03
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 2		
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00003		

HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00003.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	GH1 RO BF			
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_EN000000_Z-DR-ZZ-00001).

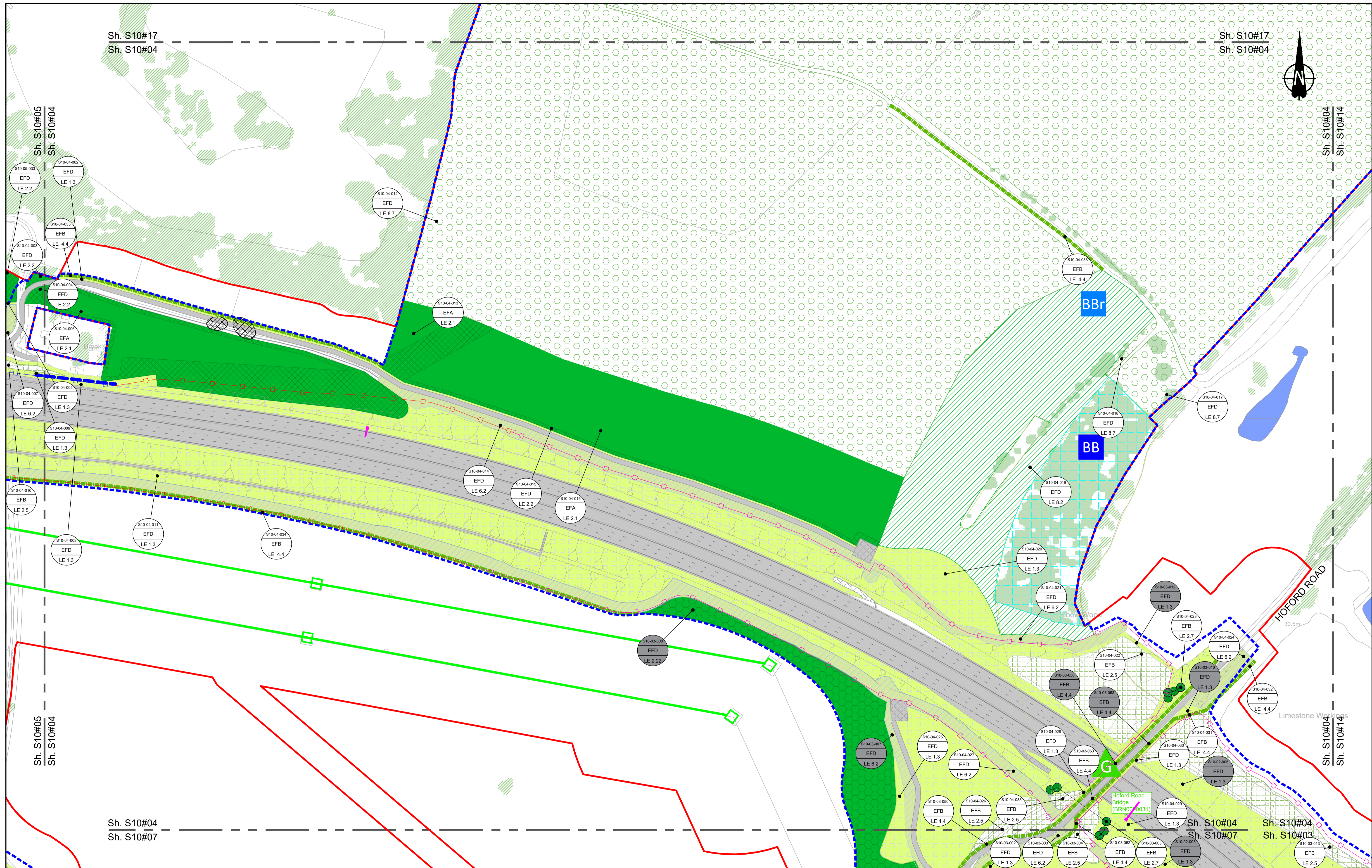
<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree 	<p>Planting (LE 2)</p> <ul style="list-style-type: none"> 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 <p>Hedges (LE 4)</p> <ul style="list-style-type: none"> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees 	<p>Individual Trees (LE 5)</p> <ul style="list-style-type: none"> LE 5.1 Individual Trees <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> 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 <p>Hard Landscape Features (LE 7)</p> <ul style="list-style-type: none"> LE 7.4 Reinforced Earth Bund <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Ecological Habitats (LE 8)</p> <ul style="list-style-type: none"> 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 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <p>Water (E 2)</p> <ul style="list-style-type: none"> Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD) 	<p>Ecological (E 3)</p> <ul style="list-style-type: none"> 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 <p>E 3.2 Ecological Fencing (inc. highway boundary fence)</p> <ul style="list-style-type: none"> E 3.2 Ecological Fencing (inc. highway boundary fence) 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 10 SHEET 3				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00004				

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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	Chkd	Apprv'd
P01	S2	25/10/2022		LD		
P02	S9	18/12/2022	Revision following S51 advice	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-SZZ_EN000000_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Noise (E 1)	Ecological (E 3)
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)
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	Wetland Habitats (LE 6)	LE 8.3 Woodland Mitigation Planting	Flood Compensation Areas (E 2-FCA)	E 3.2 Dormouse Boxes
LE 1.3 Species Rich Chalk 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 Boxes
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	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 6.2 Banks and Ditches	LE 8.6 Acid Grassland Soil Salvage		E 3.2 Bat Barn Block
		Hedges (LE 4)			
		LE 4.3 Native Species Hedge (untrimmed)			
		LE 4.4 Native Hedgerow With Trees			
		Hard Landscape Features (LE 7)			
		LE 7.4 Reinforced Earth Bund			
		Earthworks			
		Proposed Contours			

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **DCO Examination**

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

Original Size: **A1**

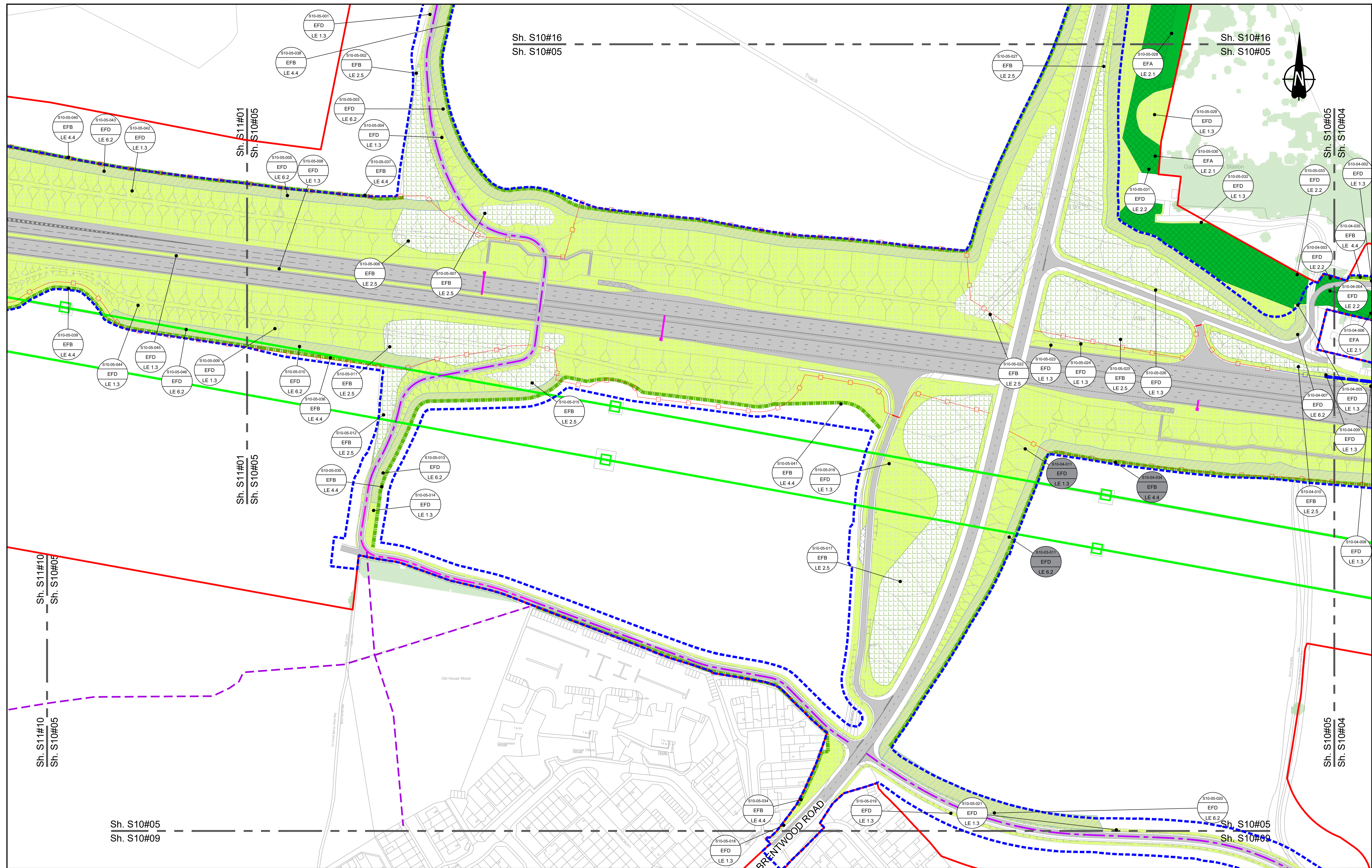
Revision: **P03**

Scale: **1:1250**

Drawing Title: **ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 4**

Drawing Number: **HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00005**

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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	18/12/2022	Revision following S51 advice	PS	SK
P03	S8	11/12/2023	Deadline 9	GH1	RO

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).

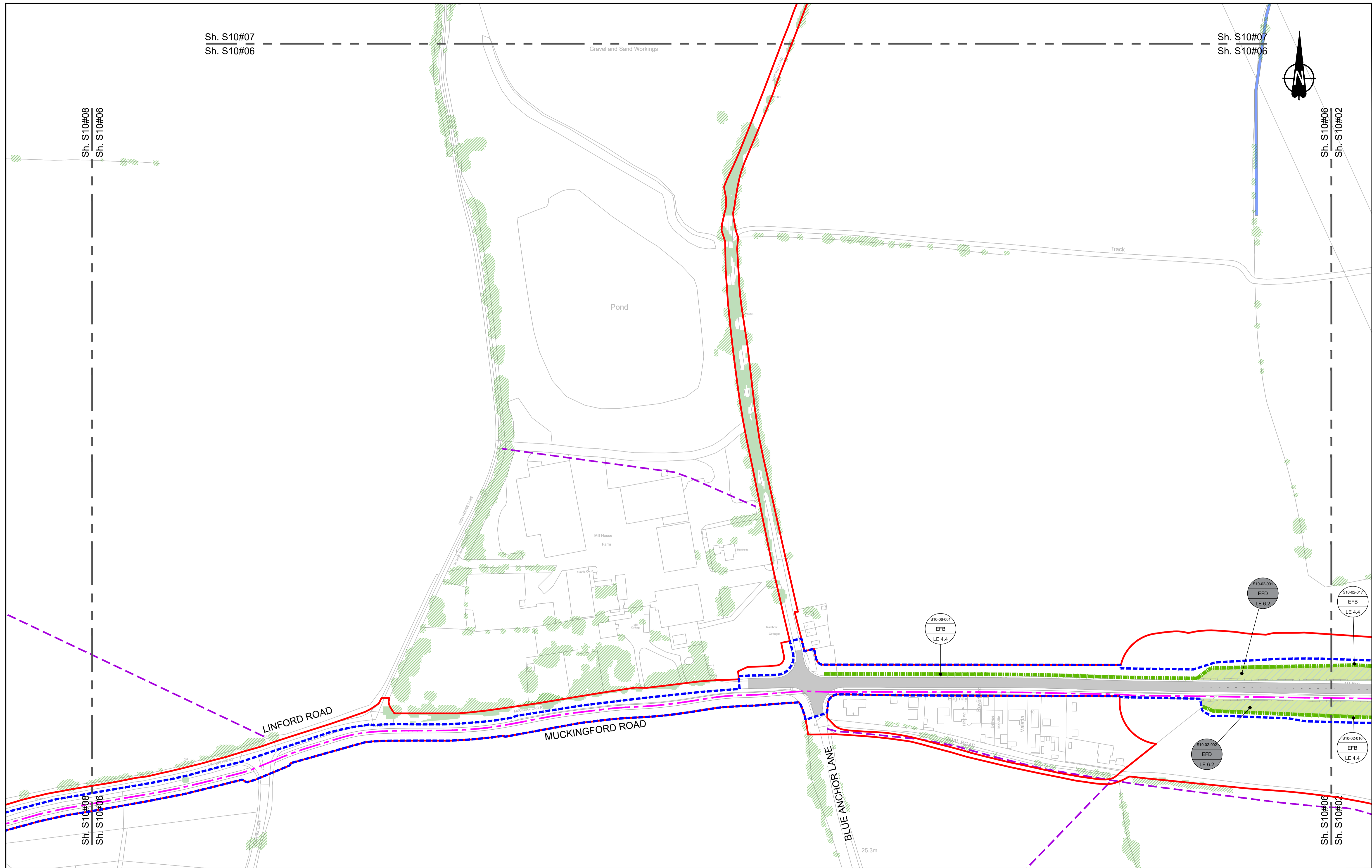
<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree 	<p>Planting (LE 2)</p> <ul style="list-style-type: none"> 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 <p>Hedges (LE 4)</p> <ul style="list-style-type: none"> LE 4.3 Native Species Hedge (untimmed) LE 4.4 Native Hedgerow With Trees 	<p>Individual Trees (LE 5)</p> <ul style="list-style-type: none"> LE 5.1 Individual Trees <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> 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 	<p>Ecological Habitats (LE 8)</p> <ul style="list-style-type: none"> 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 <p>Hard Landscape Features (LE 7)</p> <ul style="list-style-type: none"> LE 7.4 Reinforced Earth Band <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <p>Water (E 2)</p> <ul style="list-style-type: none"> Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD) 	<p>Ecological (E 3)</p> <ul style="list-style-type: none"> 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 <p>E 3.2 Ecological Fencing (inc. highway boundary fence)</p> <ul style="list-style-type: none"> E 3.2 Barn Owl Box
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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 10 SHEET 5				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00006				

HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00006.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.

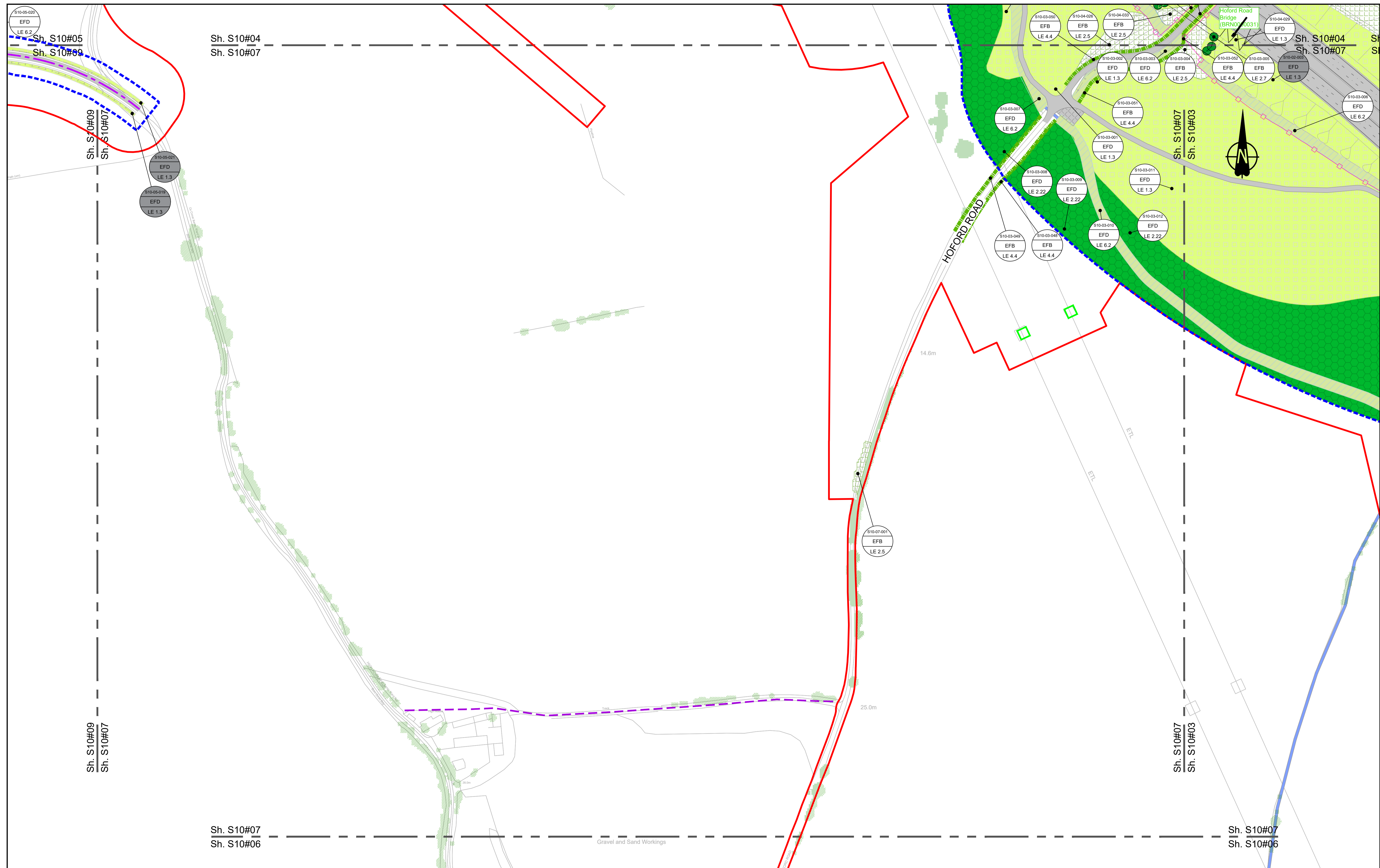
P01	S2	25/10/2022	LD
P02	S8	12/12/2023	Deadline 9
Rev	Status	Rev. Date	Purpose of revision
		Drawn	Chkd
		Apprv'd	

Order Limits Permanent Acquisition of Land 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 (untrimsed) 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 LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features LE 6.4 Wet Grassland LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh LE 7.4 Reinforced Earth Bund Earthworks Proposed Contours	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	Noise (E 1) LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Water (E 2) Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD)	Ecological (E 3) 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 10 SHEET 6				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00007				



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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	S0	11/12/2023	Deadline 9
Rev	Status	Rev. Date	Purpose of revision
		Drawn	Checked
		Apprv'd	

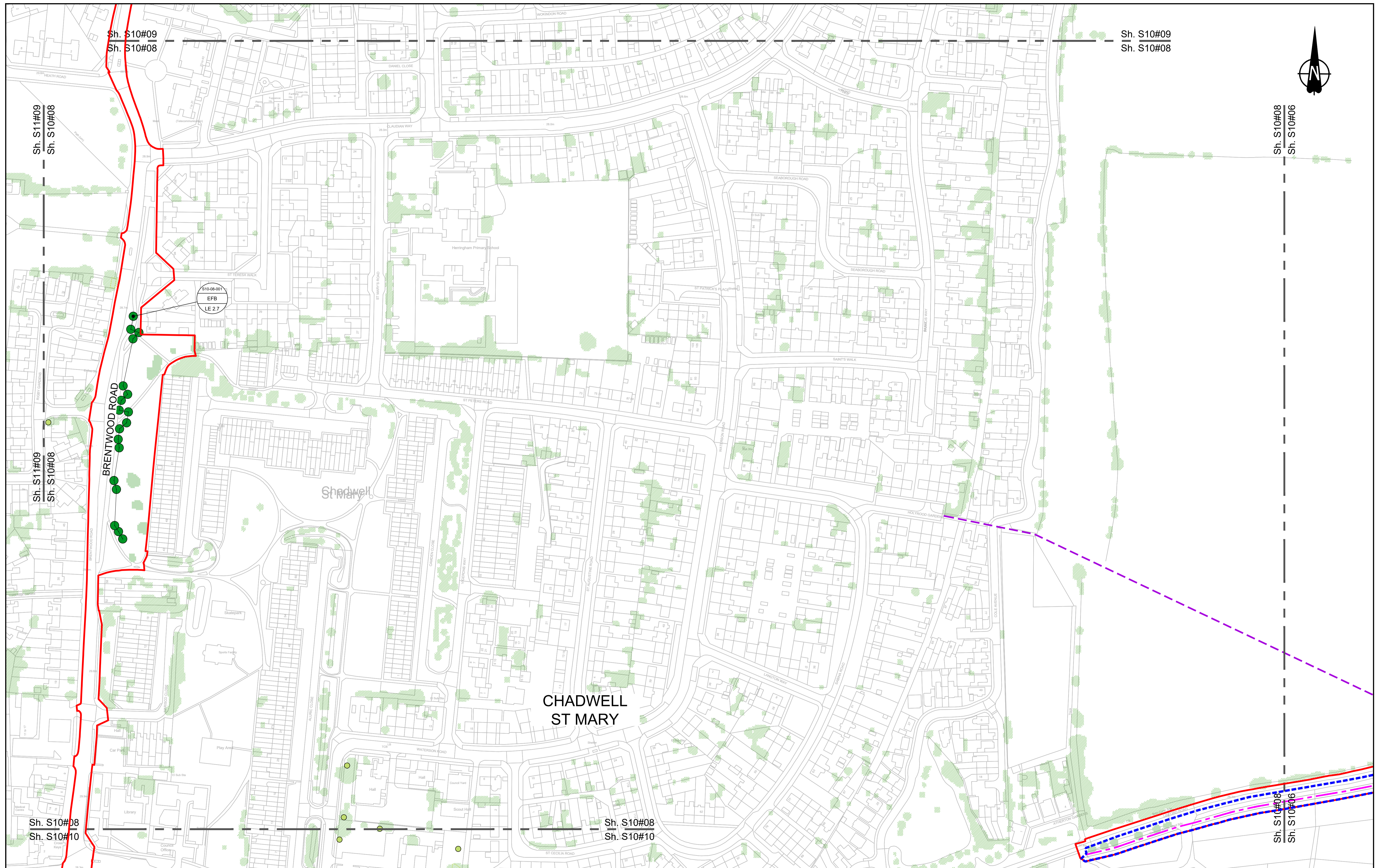
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

<p>Order Limits</p> <ul style="list-style-type: none"> Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> 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 	<p>Planting (LE 2)</p> <ul style="list-style-type: none"> 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 <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>Hedges (LE 4)</p> <ul style="list-style-type: none"> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees 	<p>Individual Trees (LE 5)</p> <ul style="list-style-type: none"> LE 5.1 Individual Trees <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> 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 <p>LE 6.4 Marsh and Wet Grassland - Coastal Grazing Marsh</p> <p>LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh</p> <p>LE 7.4 Reinforced Earth Bund</p> <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Ecological Habitats (LE 8)</p> <ul style="list-style-type: none"> 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 <p>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</p>	<p>Noise (E 1)</p> <ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <p>Water (E 2)</p> <ul style="list-style-type: none"> Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD) 	<p>Ecological (E 3)</p> <ul style="list-style-type: none"> 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 10 SHEET 7		
Drawing Number: HE540039-CJV-EGN-S10_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-SZ2_EN000000_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees
Grassland (LE 1)	LE 2.11 Woodland With Non-Native Species	Wetland Habitats (LE 6)
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 6.1 Marsh and Wet Grassland Coastal Grazing Marsh
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 6.2 Scrub / Scattered Scrub
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Woodland Woodland	Hedges (LE 4)
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.3 Native Species Hedge (untrimmed)
		LE 4.4 Native Hedgerow With Trees

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

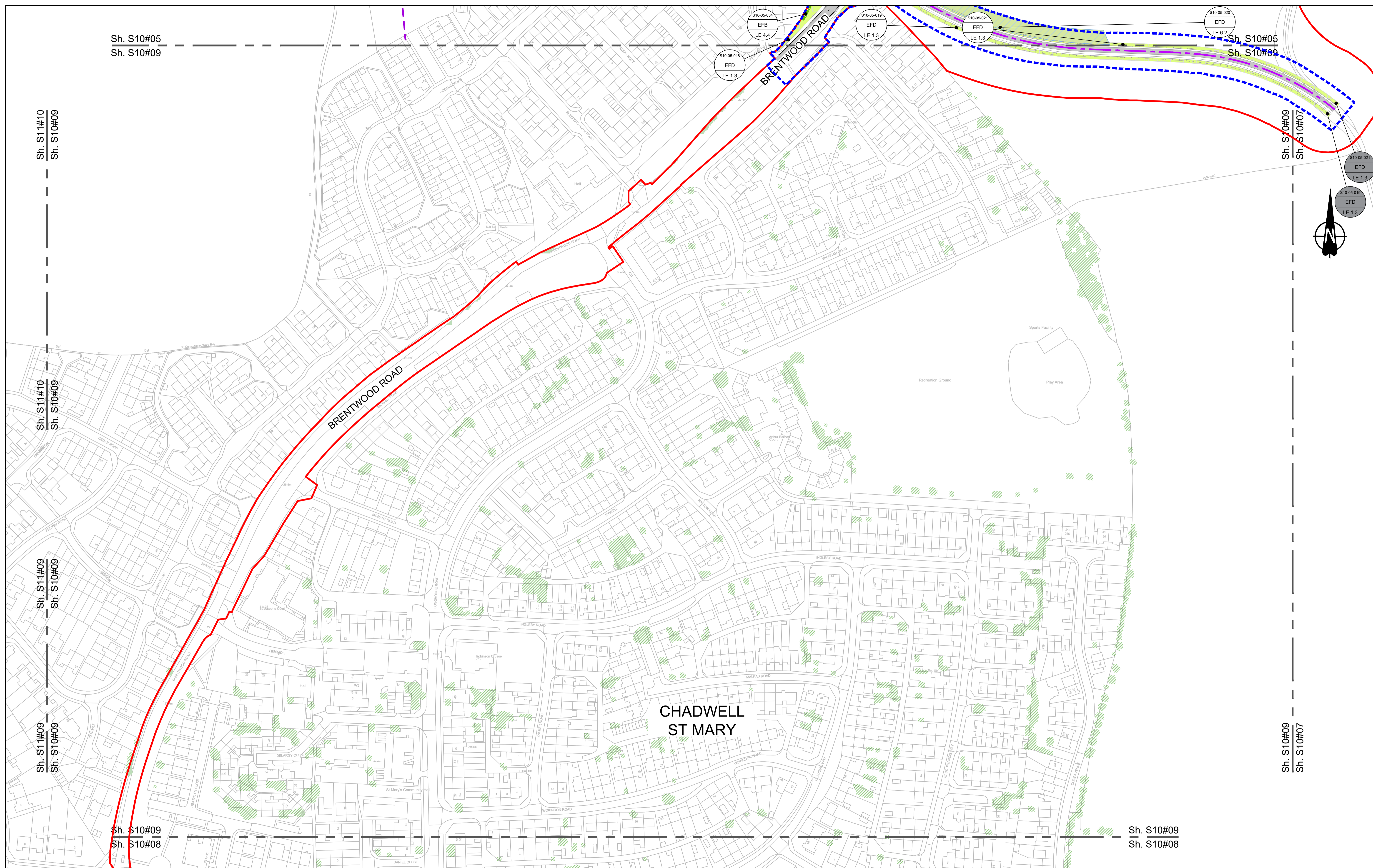
Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P02
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 8		
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00009		

Scale 1:1250

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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	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)

<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> 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 	<p>Planting (LE 2)</p> <ul style="list-style-type: none"> 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 <p>Individual Trees (LE 5)</p> <ul style="list-style-type: none"> LE 5.1 Individual Trees <p>Wetland Habitats (LE 6)</p> <ul style="list-style-type: none"> 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 <p>Hedges (LE 4)</p> <ul style="list-style-type: none"> LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees <p>Wet Grassland</p> <ul style="list-style-type: none"> LE 6.4 Wet Grassland <p>Hard Landscape Features (LE 7)</p> <ul style="list-style-type: none"> LE 7.4 Reinforced Earth Bund <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Ecological Habitats (LE 8)</p> <ul style="list-style-type: none"> 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 <p>Ecological (E 3)</p> <ul style="list-style-type: none"> E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species E 3.2 Ecological Fencing (inc. highway boundary fence) E 3.2 Ecological Culvert E 3.2 Bat Barn Box <p>Noise (E 1)</p> <ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) <p>Water (E 2)</p> <ul style="list-style-type: none"> Flood Compensation Areas (E 2-FCAs) Flood Defence (E 2-DF) 	<p>Ecological (E 3)</p> <ul style="list-style-type: none"> E 3.2 Ecological Fencing (inc. highway boundary fence) E 3.2 Bat Boxes E 3.2 Ecological Culvert E 3.2 Bat Barn Box
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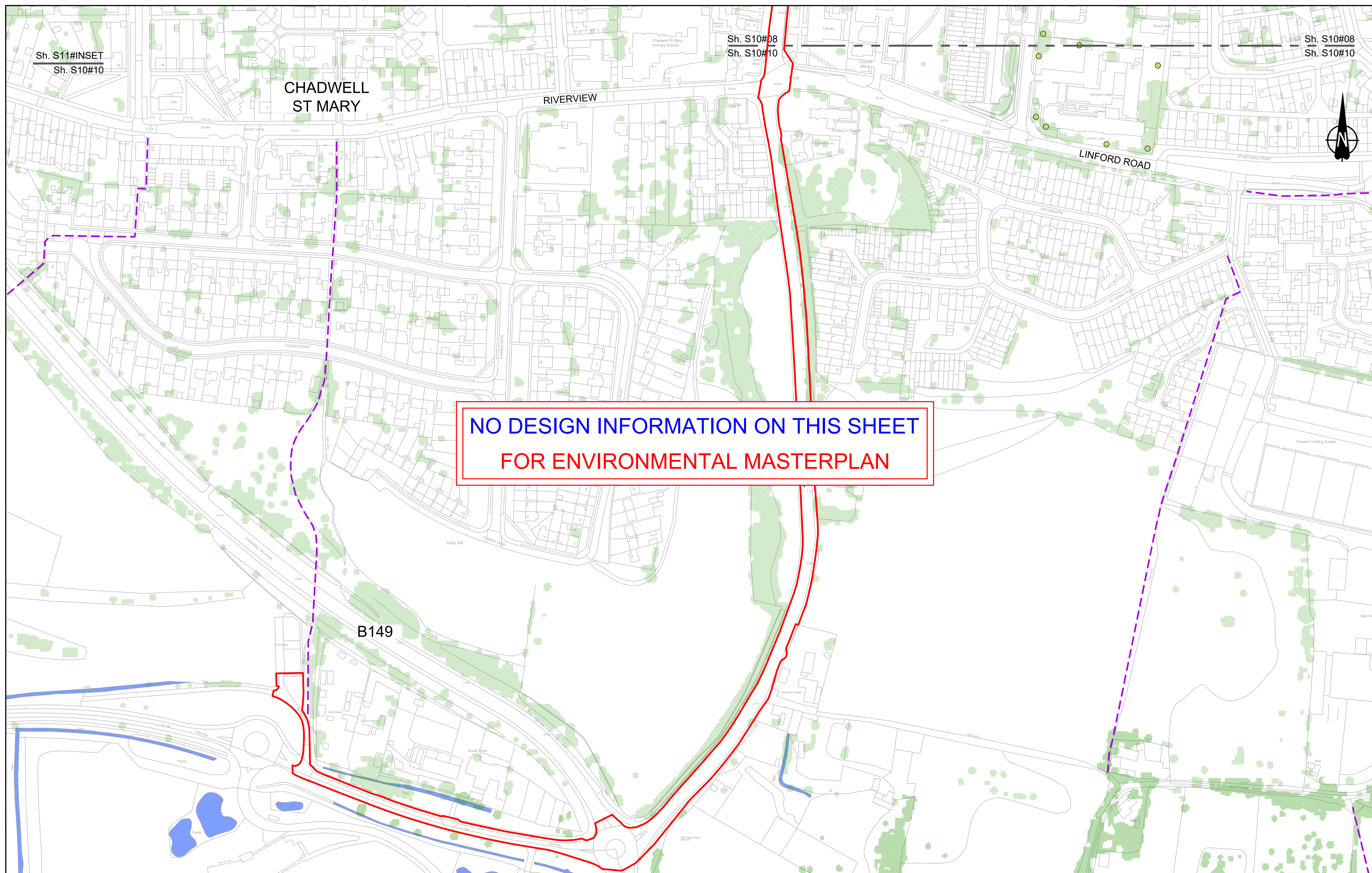
Client

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 10 SHEET 9				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00010				

HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00010.dwg



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Sh. S10#10

Sh. S10#08
Sh. S10#10

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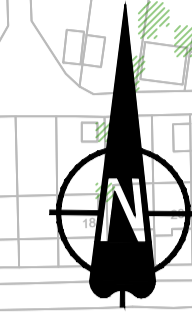
CHADWELL
ST MARY

RIVERVIEW

LINFORD ROAD

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

B149



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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
		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	Planting (LE 2)	Individual Trees (LE 5)
Permanent Acquisition of Land	LE 2.1 Woodland	LE 5.1 Individual Trees
Grassland (LE 1)	LE 2.11 Woodland With Non-Native Species	Wetland Habitats (LE 6)
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 Shrubs With Intermittent Trees	Hard Landscape Features (LE 7)
	LE 2.7 Scattered Trees	LE 7.4 Reinforced Earth Bund
	LE 2.8 Scrub / Scattered Scrub	Earthworks
	Hedges (LE 4)	Proposed Contours
	LE 4.3 Native Species Hedge (untrimmed)	
	LE 4.4 Native Hedgerow With Trees	

Ecological Habitats (LE 8)	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	Ecological (E 3)
LE 8.1 Open Mosaic Habitat	LE 8.2 Ancient Woodland Compensation Planting	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
LE 8.3 Woodland Mitigation Planting	LE 8.4 Wetland / Fenland Creation	E 3.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)
LE 8.5 Ecology Pond (indicative symbol only)	LE 8.6 Acid Grassland Soil Salvage	E 3.2 Dormouse Boxes
		E 3.2 Bat Boxes
		E 3.2 Ecological Culvert
		E 3.2 Bat Barn Block

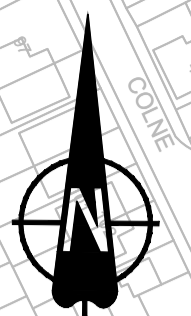
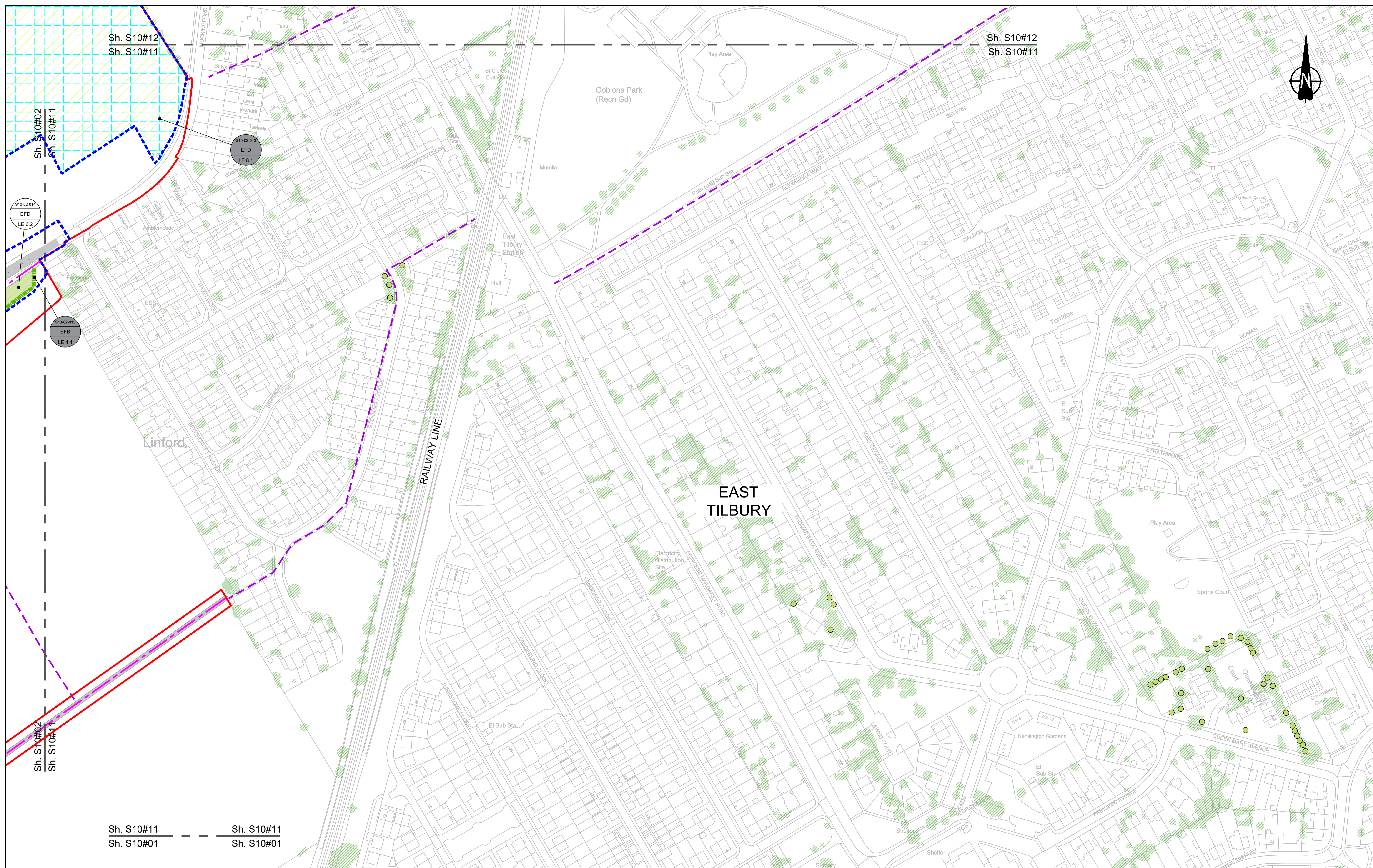
Noise (E 1)	LE 8.1 Nitrogen Deposition (NDEP) Compensation Area	Ecological (E 3)
E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	Water (E 2)	E 3.2 Ecological Fencing (inc. highway boundary fence)
Water (E 2)	Flood Compensation Areas (E 2-FCA)	E 3.2 Barn Owl Box
Flood Defence (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 10 SHEET 10				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00011				



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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.

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P01	S2	27/10/2022		LD		
P02	S8	19/09/2023	Deadline 4	GH1	RO	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-SZZ_EN000000_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Wetland Habitats (LE 6)	Hard Landscape Features (LE 7)
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 6.1 Marsh and Wet Grassland - Coastal Grazing Marsh	LE 7.1 Wet Grassland
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	LE 5.2 Scattered Trees	LE 6.2 Scattered Trees	LE 7.2 Ancient Woodland Compensation Planting
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	Wetland Habitats (LE 6)	LE 6.41 Marsh and Wet Grassland - Standing Water	LE 7.3 Woodland Mitigation Planting
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 7.4 Reinforced Earth Bund	LE 8.1 Open Mosaic Habitat
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	Hedges (LE 4)	LE 4.3 Native Species Hedge (untrimmed)	LE 8.2 Ancient Woodland Compensation Planting
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 8.3 Woodland Mitigation Planting
LE 1.4 Rock and Scree				LE 8.4 Wetland / Fenland Creation
				LE 8.5 Ecology Pond (indicative symbol only)
				LE 8.6 Acid Grassland Soil Salvage

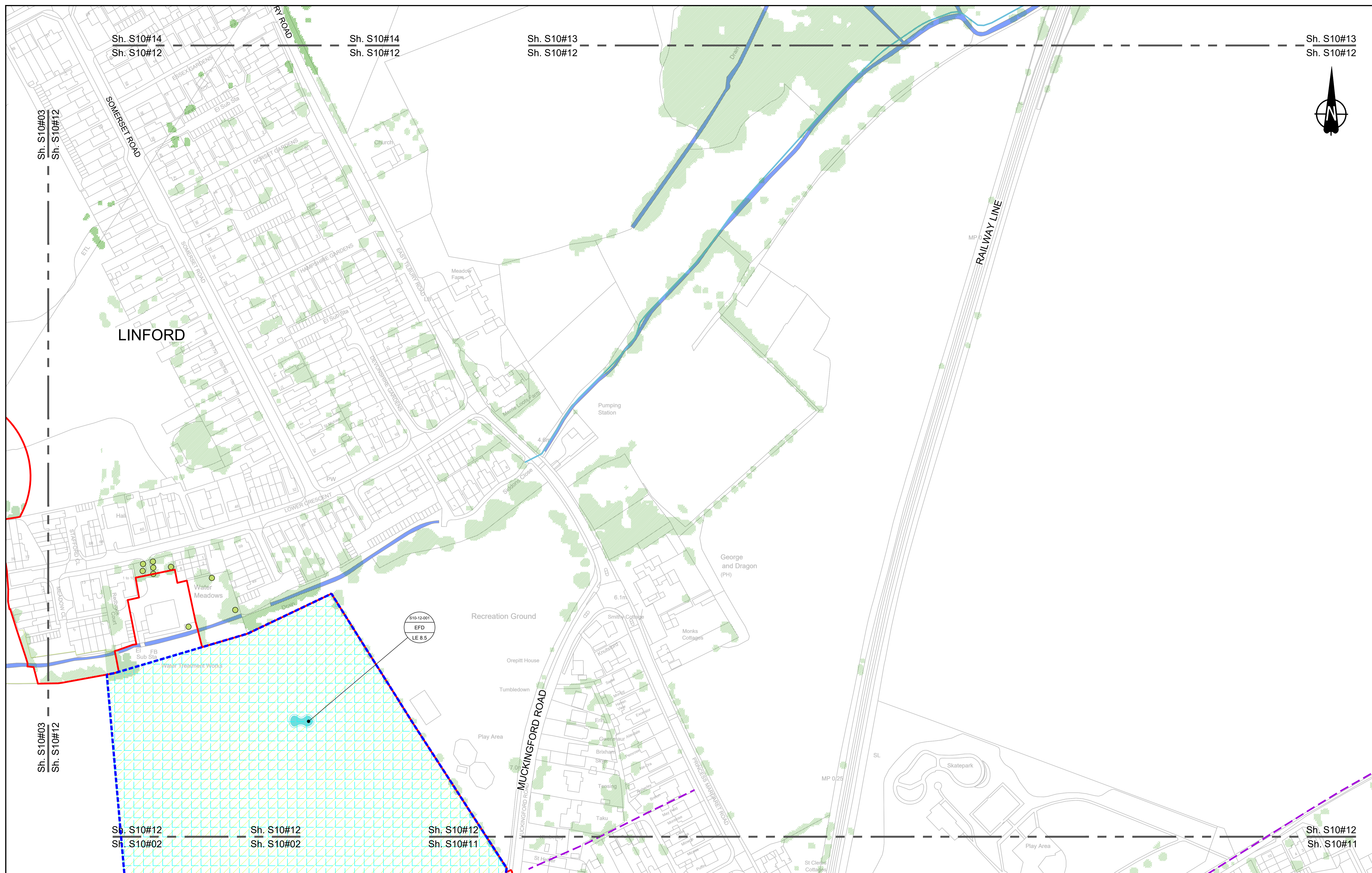
Ecological Habitats (LE 8)	Noise (E 1)	Water (E 2)	Ecological (E 3)
LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	LE 2.1 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species
LE 8.2 Ancient Woodland Compensation Planting	LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	Flood Compensation Areas (E 2-FCA)	E 3.2 Dormouse Boxes
LE 8.3 Woodland Mitigation Planting	Flood Defence (E 2-FD)	Flood Defence (E 2-FD)	E 3.2 Bat Boxes
LE 8.4 Wetland / Fenland Creation			E 3.2 Ecological Culvert
LE 8.5 Ecology Pond (indicative symbol only)			E 3.2 Bat Barn Block
LE 8.6 Acid Grassland Soil Salvage			

Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P03
Scale	AS SHOWN		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 11		
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00012		



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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).

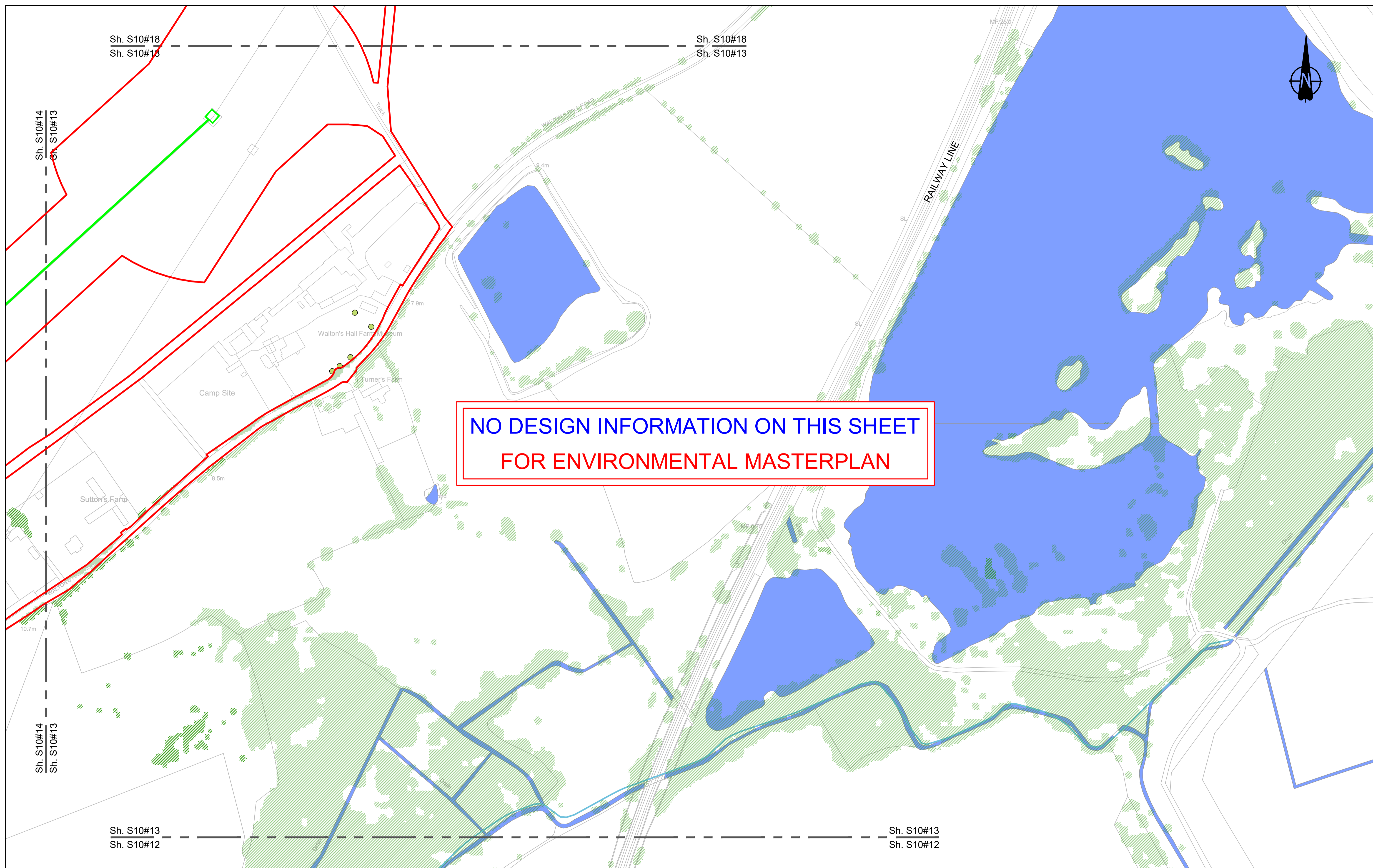
Order Limits - Order Limits Permanent Acquisition of Land - Permanent Acquisition of Land Grassland (LE 1) - LE 1.3 Species Rich Grassland - LE 1.31 Species Rich Chalk Grassland - LE 1.32 Species Rich Annual Wildflower Grassland - LE 1.4 Rock and Scree	Planting (LE 2) - LE 2.1 Woodland - LE 2.11 Woodland 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 - LE 6.2 Banks and Ditches - LE 6.21 Banks and Ditches - High Tide Root Features	- LE 6.4 Wet Grassland - LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh Hard Landscape Features (LE 7) - LE 7.4 Reinforced Earth Bund Earthworks - Proposed Contours	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 Noise (E 1) - E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Water (E 2) - E 2.2 Flood Compensation Areas (E 2-FCA) - E 2.3 Flood Defence (E 2-FD)	Ecological (E 3) - E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species - E 3.2 Ecological Fencing (inc. highway boundary fence) - E 3.2 Ecological Culvert - E 3.2 Bat Barn Block	- E 3.2 Barn Owl Box - E 3.2 Dormouse Boxes - E 3.2 Bat Boxes - E 3.2 Bat Barn Block
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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 10 SHEET 12				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00013				



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

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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	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 Order Limits Permanent Acquisition of Land 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 LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features LE 6.4 Wet Grassland LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh Hard Landscape Features (LE 7) LE 7.4 Reinforced Earth Bund Earthworks Proposed Contours	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 Noise (E 1) E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Water (E 2) Flood Compensation Areas (E 2-FCAs) Flood Defence (E 2-FD)	Ecological (E 3) 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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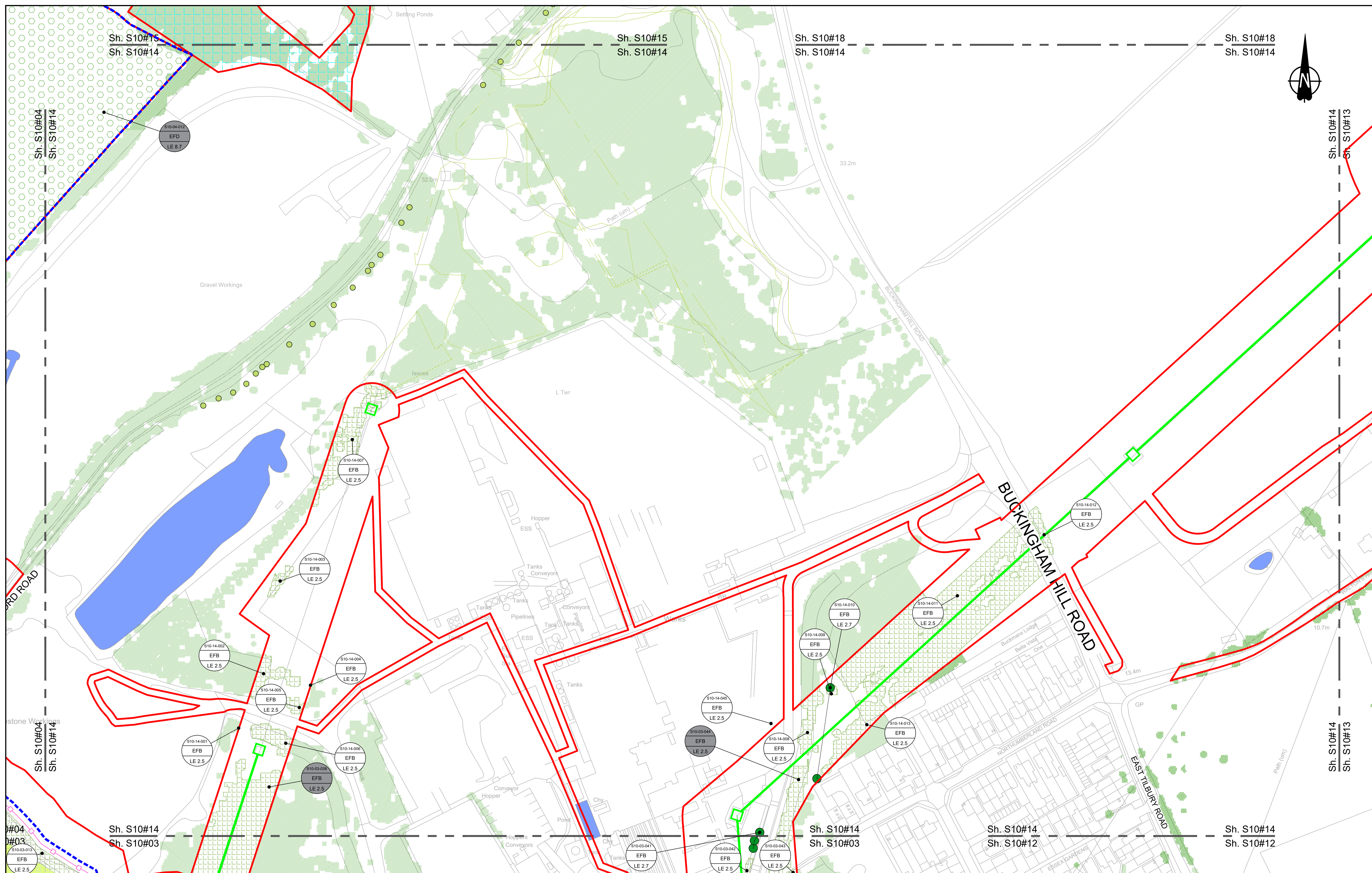
Client

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 10 SHEET 13				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00014				

HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00014.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
			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	Planting (LE 2)	Individual Trees (LE 5)
Permanent Acquisition of Land	Grassland (LE 1)	Wetland Habitats (LE 6)
LE 1.3 Species Rich Grassland	LE 2.1 Woodland	LE 5.1 Individual Trees
LE 1.31 Species Rich Chalk Grassland	LE 2.11 Woodland With Non-Native Species	LE 6.11 Water Bodies - Coastal Grazing Marsh
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.14 Wet / Carr Woodland	LE 6.2 Water Bodies - Shallow Scrape
LE 1.4 Rock and Scree	LE 2.2 Woodland Edge	LE 6.21 Banks and Ditches
	LE 2.22 Scrub Woodland	LE 6.21 High Tide Roost Features
	LE 2.4 Linear Belt of Shrubs and Trees	
	LE 2.5 Strubs With Intermittent Trees	
	LE 2.7 Scattered Trees	
	Hedges (LE 4)	
	LE 4.3 Native Species Hedge (untrimmed)	
	LE 4.4 Native Hedgerow With Trees	
	LE 6.4 Wet Grassland	
	LE 6.41 Marsh and Wet Grassland - Standing Water	
	LE 6.42 Ancient Woodland Compensation Planting	
	LE 6.43 Woodland Mitigation Planting	
	LE 6.44 Wetland / Fenland Creation	
	LE 6.45 Ecology Pond (indicative symbol only)	
	LE 6.46 Acid Grassland Soil Salvage	
	Hard Landscape Features (LE 7)	
	LE 7.4 Reinforced Earth Bund	
	Earthworks	
	Proposed Contours	

LE 7 Nitrogen Deposition (NDEP) Compensation Area	Ecological (E 3)
Noise (E 1)	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 Ecological Fencing (inc. highway boundary fence)
Water (E 2)	E 3.2 Ecological Culvert
Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Barn Box
Flood Defence (E 2-FD)	E 3.2 Bat Barn Box

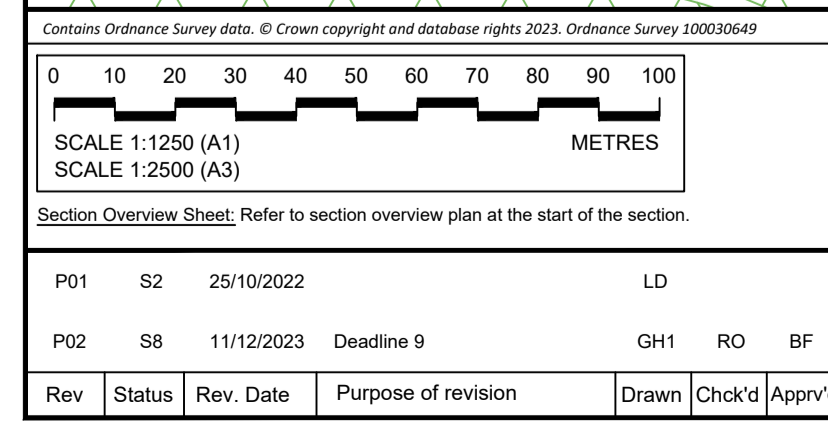
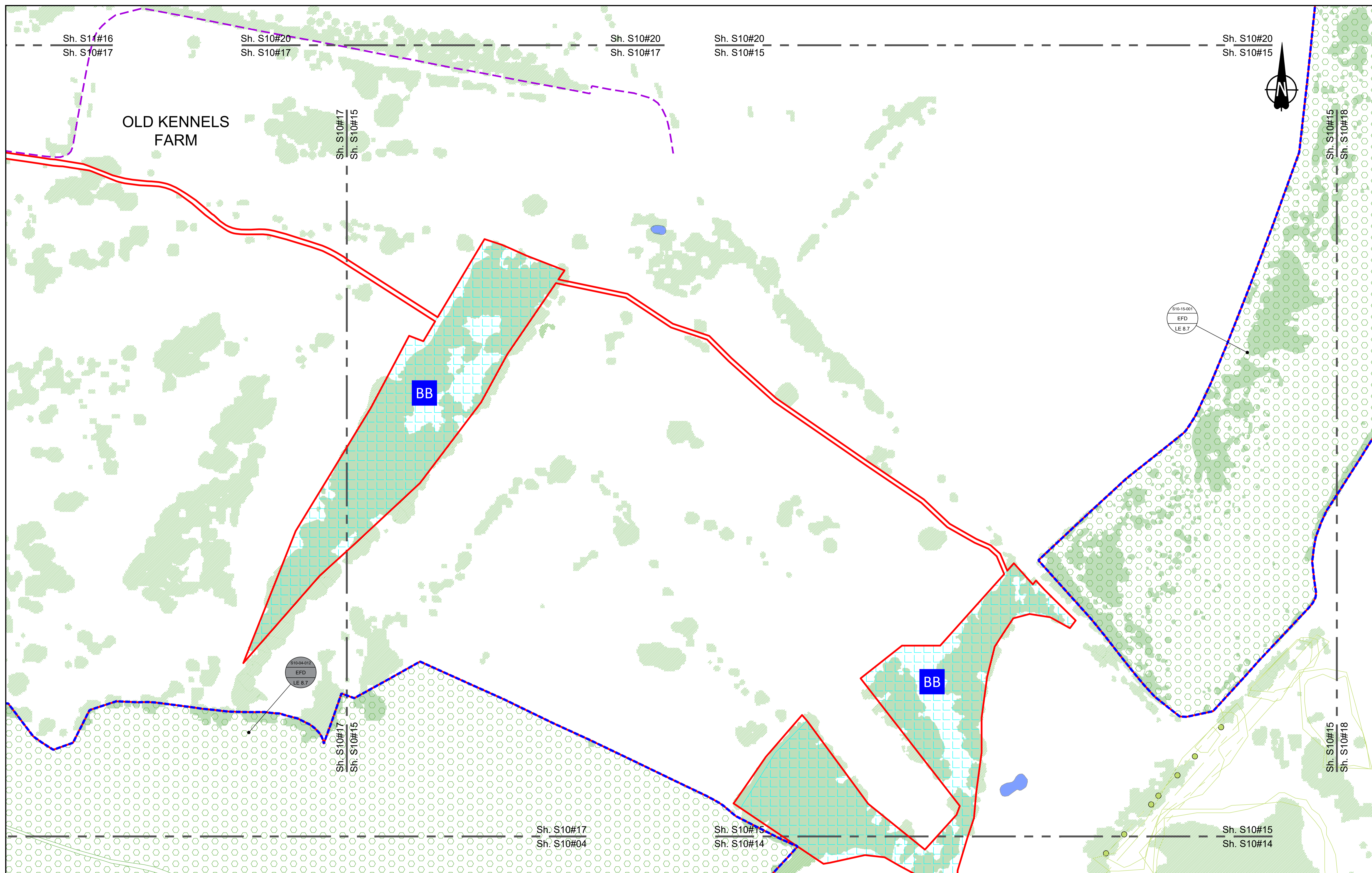
Client

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 10 SHEET 14				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00015				

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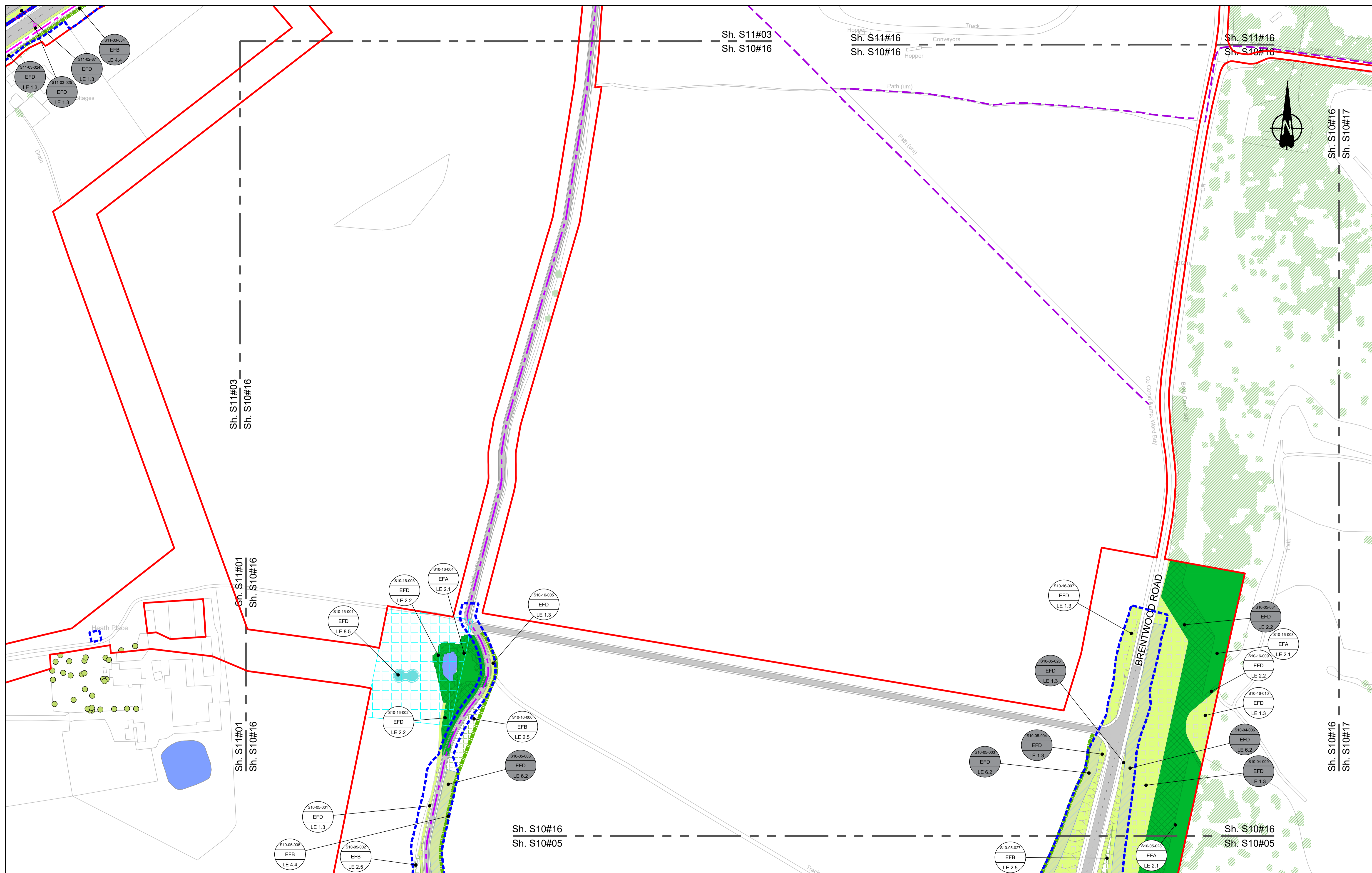
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ2_EN000000_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Noise (E 1)	Ecological (E 3)
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDFP) 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	Wetland Habitats (LE 6)	LE 8.2 Ancient Woodland Compensation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	LE 6.11 Water Bodies - Standing Water	LE 8.3 Woodland Mitigation Planting	Water (E 2)	E 3.2 Bat Boxes
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.4 Wetland / Fenland Creation	Flood Compensation Areas (E 2-FCAs)	E 3.2 Ecological Culvert
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	Hedges (LE 4)	LE 8.5 Ecology Pond (indicative symbol only)	Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 4.3 Native Species Hedge (untrimm'd)	Hard Landscape Features (LE 7)		
LE 1.4 Rock and Scree		LE 4.4 Native Hedgerow With Trees	LE 7.4 Reinforced Earth Bund		
			Earthworks		
			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 10 SHEET 15				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00016				



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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).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)
Permanent Acquisition of Land	Grassland (LE 1)	Wetland Habitats (LE 6)
LE 1.3 Species Rich Grassland	LE 2.1 Woodland	LE 5.1 Individual Trees
LE 1.31 Species Rich Chalk Grassland	LE 2.11 Woodland With Non-Native Species	LE 6.11 Water Bodies - Coastal Grazing Marsh
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.14 Wet / Carr Woodland	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape
LE 1.4 Rock and Scree	LE 2.2 Woodland Edge	LE 6.2 Banks and Ditches
	LE 2.22 Scrub Woodland	LE 6.21 Wet Grassland
	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh
	LE 2.5 Strubs With Intermittent Trees	LE 6.42 Wet Grassland
	LE 2.7 Scattered Trees	LE 6.43 Wet Grassland - Standing Water
	LE 2.8 Scrub / Scattered Scrub	LE 6.44 Wet Grassland - High Tide Roost Features
	Hedges (LE 4)	
	LE 4.3 Native Species Hedge (untrimmed)	
	LE 4.4 Native Hedgerow With Trees	

LE 8.1 Open Mosaic Habitat	Noise (E 1)	Ecological (E 3)
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)
LE 8.3 Woodland Mitigation Planting	Water (E 2)	E 3.2 Ecological Culvert
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		
Hard Landscape Features (LE 7)		
LE 7.4 Reinforced Earth Bund		
Earthworks		
Proposed Contours		

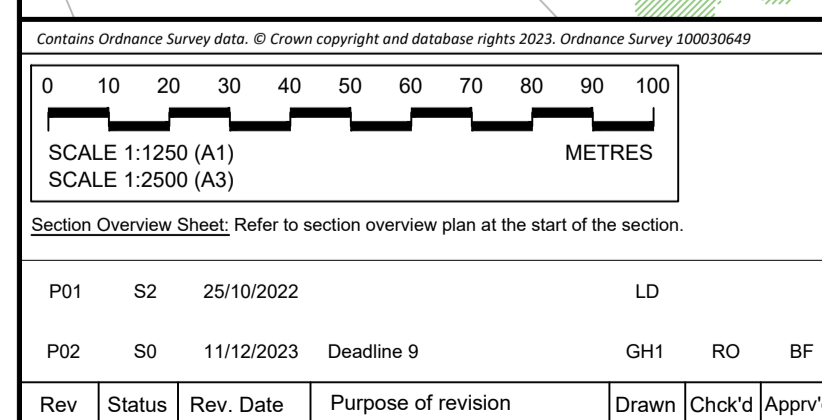
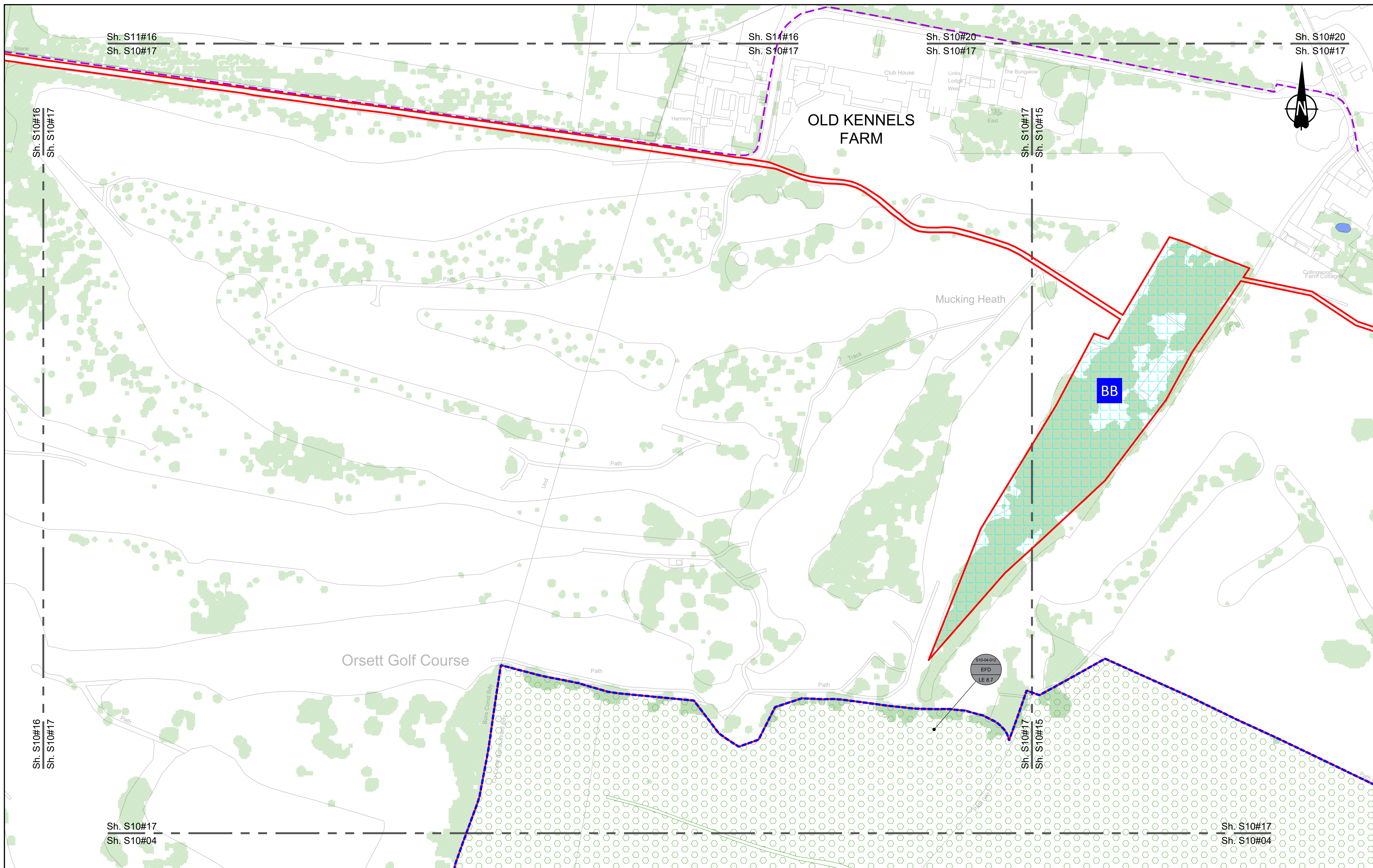
Client

Project

LOWER THAMES CROSSING

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P02
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 16		
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00017		

HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00017.dwg



Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

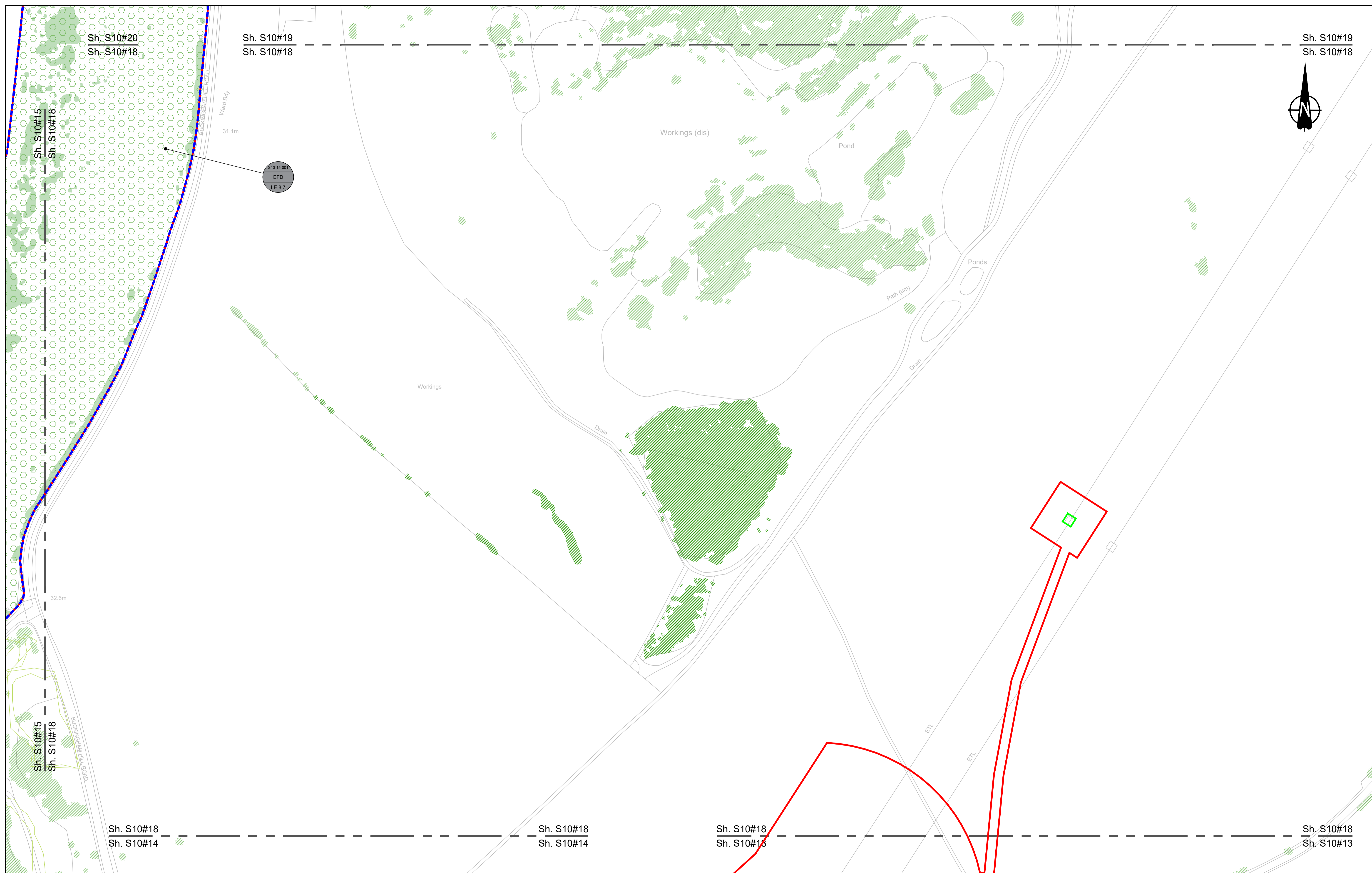
Order Limits	Planting (LE 2)	LE 2.5 Shrubs With Intermittent Trees	Individual Trees (LE 5)	LE 6.4 Wet Grassland	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	Ecological (E 3)
Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.7 Scattered Trees	LE 5.1 Individual Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Ecological Fencing (inc. highway boundary fence)
Grassland (LE 1)	LE 2.11 Woodland With Non-Native Species	LE 2.8 Scrub / Scattered Scrub	Wetland Habitats (LE 6)	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	Hedges (LE 4)	LE 6.11 Water Bodies - Standing Water	LE 6.2 Banks and Ditches	Water (E 2)	E 3.2 Bat Boxes
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 4.3 Native Species Hedge (untrimmed)	LE 6.2 Reinforced Earth Bund	LE 6.21 Banks and Ditches - High Tide Roost Features	Flood Compensation Areas (E 2-FCAs)	E 3.2 Ecological Culvert
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.4 Native Hedgerow With Trees	Hard Landscape Features (LE 7)	LE 7.4 Reinforced Earth Bund	E 2 Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees		Earthworks	Proposed Contours		

LE 2.5 Shrubs With Intermittent Trees	LE 6.4 Wet Grassland	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	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 2.7 Scattered Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	LE 8.2 Ancient Woodland Compensation Planting	Noise (E 1)	E 3.2 Dormouse Boxes	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 2.8 Scrub / Scattered Scrub	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.3 Woodland Mitigation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Bat Boxes	E 3.2 Ecological Culvert
Hedges (LE 4)	LE 6.2 Banks and Ditches	LE 8.4 Wetland / Fenland Creation	Water (E 2)	E 2 Flood Defence (E 2-FD)	E 3.2 Bat Barn Block
LE 4.3 Native Species Hedge (untrimmed)	LE 6.21 Banks and Ditches - High Tide Roost Features	LE 8.5 Ecology Pond (indicative symbol only)	Flood Compensation Areas (E 2-FCAs)		
LE 4.4 Native Hedgerow With Trees		LE 8.6 Acid Grassland Soil Salvage	Flood Defence (E 2-FD)		

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Examination	Original Size: A1	Revision: P02
Application Document Number: TR010032/APP/6.2	Scale: AS SHOWN	
Drawing title: ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 17		
Drawing Number: HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00018		



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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).

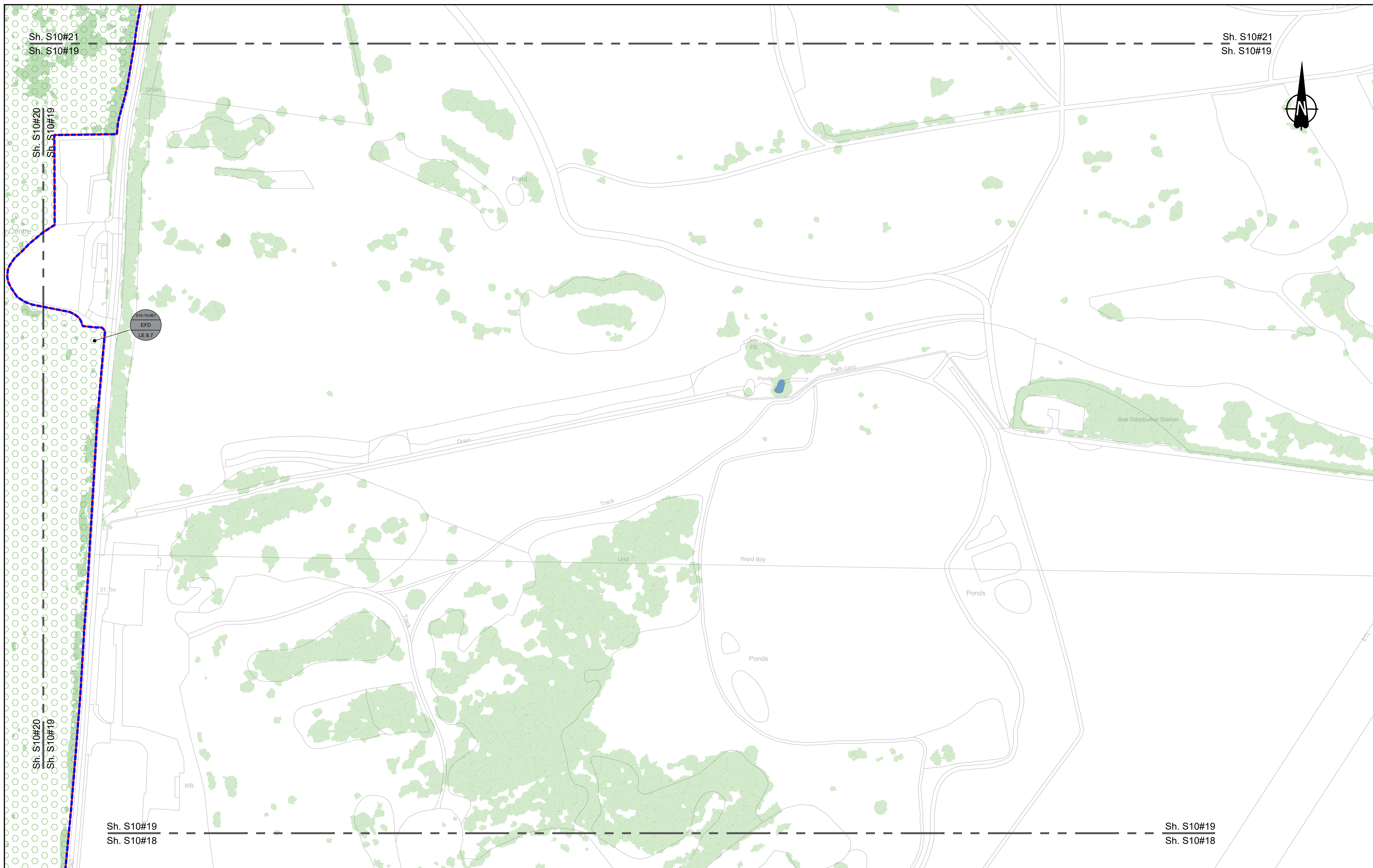
Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Noise (E 1)	Ecological (E 3)
Order Limits	LE 2.1 Woodland	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat	E 1.1 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.1 Ecological Habitat Creation and Receptor sites for Protected Species
Permanent Acquisition of Land	LE 2.11 Woodland With Non-Native Species	Wetland Habitats (LE 6)	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)
Grassland (LE 1)	LE 2.14 Wet / Carr Woodland	LE 6.11 Water Bodies - Standing Water	LE 8.3 Woodland Mitigation Planting	Water (E 2)	E 3.2 Ecological Fencing (inc. highway boundary fence)
LE 1.3 Species Rich Grassland	LE 2.2 Woodland Edge	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.4 Wetland / Fenland Creation	E 2.1 Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Boxes
LE 1.31 Species Rich Chalk Grassland	LE 2.22 Scrub Woodland	LE 6.2 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)	E 2.2 Flood Defence (E 2-FD)	E 3.2 Ecological Culvert
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.4 Linear Belt of Shrubs and Trees	LE 6.21 Banks and Ditches - High Tide Roost Features	LE 8.6 Acid Grassland Soil Salvage		E 3.2 Bat Barn Block
LE 1.4 Rock and Scree		Hard Landscape Features (LE 7)			
		LE 7.4 Reinforced Earth Bund			
		Hedges (LE 4)			
		LE 4.3 Native Species Hedge (untrimmed)			
		LE 4.4 Native Hedgerow With Trees			
		Earthworks			
		Proposed Contours			

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 SECTION 10 SHEET 18				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00019				



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

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

Order Limits	Permanent Acquisition of Land	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	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	LE 6.2 Banks and Ditches	LE 6.21 Banks and Ditches - High Tide Roost Features	Hard Landscape Features (LE 7)	LE 7.4 Reinforced Earth Bund
Earthworks	Proposed Contours	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	Noise (E 1)	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	Water (E 2)	Flood Compensation Areas (E 2-FC)	Flood Defence (E 2-FD)
Ecological (E 3)	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 Ecological Fencing (inc. highway boundary fence)
E 3.2 Barn Owl Box	E 3.2 Ecological Fencing (inc. highway boundary fence)					

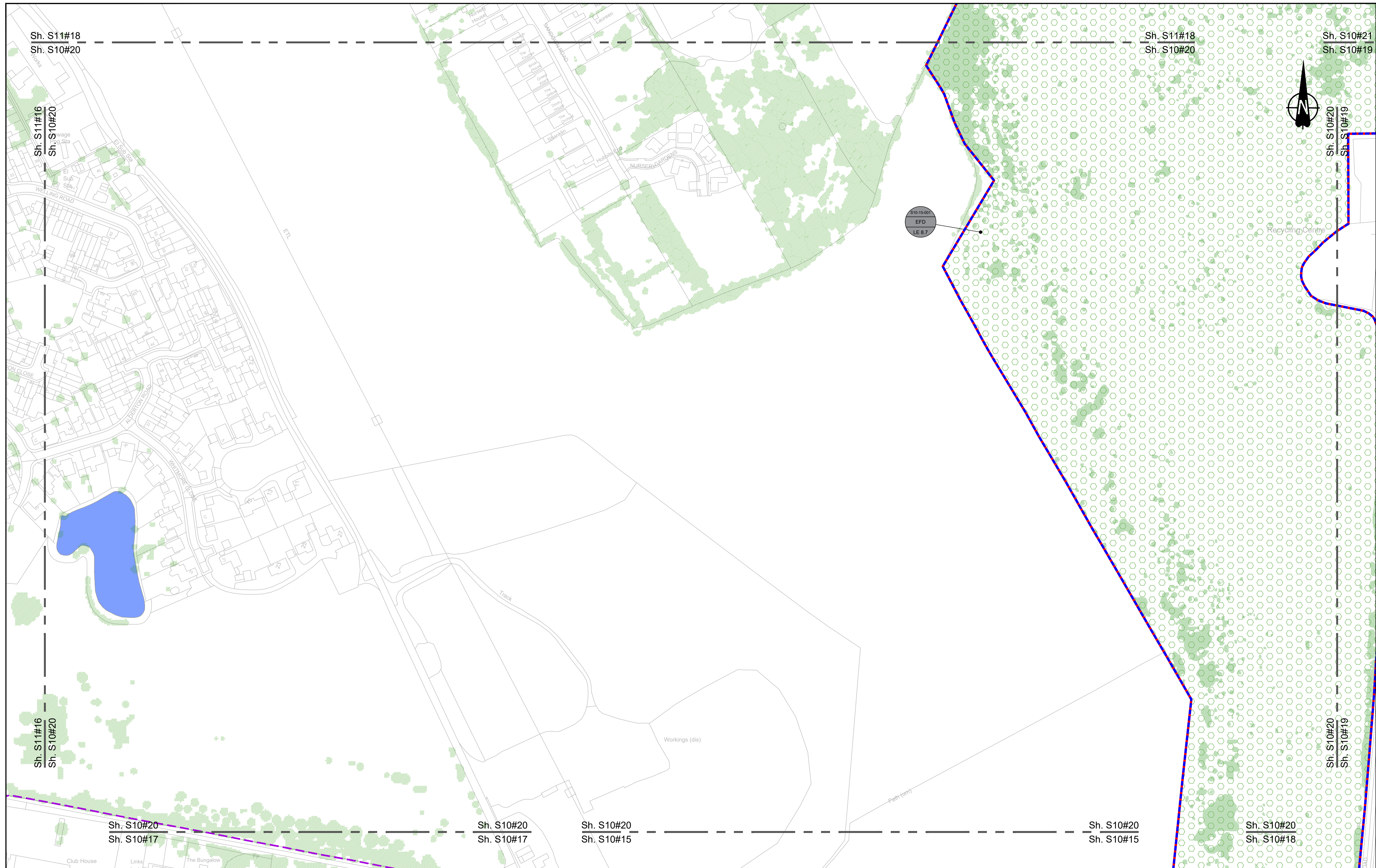
LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	Ecological (E 3)	E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species	E 3.2 Ecological Fencing (inc. highway boundary fence)
Noise (E 1)	Water (E 2)	E 3.2 Dormouse Boxes	E 3.2 Ecological Culvert
E 1.2 Acoustic Barrier-Built Elements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

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 SECTION 10 SHEET 19				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00020				



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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 Chkd Apprvd

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

<p>Order Limits</p> <p>Permanent Acquisition of Land</p> <p>Grassland (LE 1)</p> <p>LE 1.3 Species Rich Chalk 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>Planting (LE 2)</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>Hedges (LE 4)</p> <p>LE 4.3 Native Species Hedge (untrimmed)</p> <p>LE 4.4 Native Hedgerow With Trees</p>	<p>Individual Trees (LE 5)</p> <p>LE 5.1 Individual Trees</p> <p>Wetland Habitats (LE 6)</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>Hard Landscape Features (LE 7)</p> <p>LE 7.4 Reinforced Earth Bund</p> <p>Earthworks</p> <p>Proposed Contours</p>	<p>Ecological Habitats (LE 8)</p> <p>LE 8.1 Open Mosaic Habitat</p> <p>LE 8.2 Ancient Woodland Compensation Planting</p> <p>LE 8.3 Woodland Mitigation Planting</p> <p>LE 8.4 Wetland / Farmland Creation</p> <p>LE 8.5 Ecology Pond (indicative symbol only)</p> <p>LE 8.6 Acid Grassland Soil Salvage</p> <p>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</p>	<p>Noise (E 1)</p> <p>LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)</p> <p>Water (E 2)</p> <p>Flood Compensation Areas (E 2-FCA)</p> <p>Flood Defence (E 2-FD)</p>	<p>Ecological (E 3)</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 Ecological Fencing (inc. highway boundary fence)</p> <p>E 3.2 Barn Owl Box</p>
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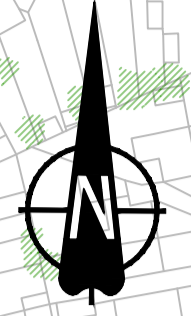
LOWER THAMES CROSSING

Status	DCO Examination	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 10 SHEET 20				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00021				



Sh. S11#18
Sh. S10#21

A13



Sh. S11#18
Sh. S10#21

Sh. S10#21
Sh. S10#19

Sh. S10#21
Sh. S10#19

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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	Chkd	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	LE 2.1 Woodland	LE 2.5 Shrubs With Intermittent Trees	LE 5.1 Individual Trees	LE 6.4 Wet Grassland	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 2.7 Scattered Trees	LE 6.1 Water Bodies - Standing Water	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	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)
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	LE 2.8 Scrub / Scattered Scrub	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 7.4 Reinforced Earth Bund	LE 8.3 Woodland Mitigation Planting	E 2.2 Flood Compensation Areas (E 2-FCA)	E 3.2 Bat Boxes
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	Earthworks	LE 8.4 Wetland / Farmland Creation	E 2.5 Flood Defence (E 2-FD)	E 3.2 Ecological Culvert
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 Root Features	Proposed Contours	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Bat Barn Block	E 3.2 Bat Owl Box
LE 1.4 Rock and Scree	LE 2.4 Linear Belt of Shrubs and Trees				LE 8.6 Acid Grassland Soil Salvage		

LE 2.1 Woodland	LE 2.5 Shrubs With Intermittent Trees	LE 5.1 Individual Trees	LE 8.1 Open Mosaic Habitat
LE 2.11 Woodland With Non-Native Species	LE 2.7 Scattered Trees	LE 6.1 Water Bodies - Standing Water	LE 8.2 Ancient Woodland Compensation Planting
LE 2.14 Wet / Carr Woodland	LE 2.8 Scrub / Scattered Scrub	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.3 Woodland Mitigation Planting
LE 2.2 Woodland Edge	LE 4.3 Native Species Hedge (untrimm'd)	LE 6.2 Banks and Ditches	LE 8.4 Wetland / Farmland Creation
LE 2.22 Scrub Woodland	LE 4.4 Native Hedgerow With Trees	LE 6.21 Banks and Ditches - High Tide Root Features	LE 8.5 Ecology Pond (indicative symbol only)
LE 2.4 Linear Belt of Shrubs and Trees			LE 8.6 Acid Grassland Soil Salvage

LE 6.4 Wet Grassland	LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area
LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	LE 8.2 Ancient Woodland Compensation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)
LE 7.4 Reinforced Earth Bund	LE 8.3 Woodland Mitigation Planting	E 2.2 Flood Compensation Areas (E 2-FCA)
Earthworks	LE 8.4 Wetland / Farmland Creation	E 2.5 Flood Defence (E 2-FD)
Proposed Contours	LE 8.5 Ecology Pond (indicative symbol only)	E 3.2 Bat Barn Block
	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 Ecological Fencing (inc. highway boundary fence)
E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	E 3.2 Dormouse Boxes	E 3.2 Bat Boxes
E 2.2 Flood Compensation Areas (E 2-FCA)	E 3.2 Ecological Culvert	E 3.2 Bat Barn Block
E 2.5 Flood Defence (E 2-FD)		

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

Client

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 10 SHEET 21				
Drawing Number	HE540039-CJV-EGN-S10_EN000000_Z-DR-ZZ-00022				

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