

Lower Thames Crossing

6.2 Environmental Statement Figures

Figure 2.4 - Environmental Masterplan Section 14 (10 of 10) (Clean version)

APFP Regulation 5(2)(a)

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

Volume 6

DATE: August 2023
DEADLINE: 2

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

VERSION: 2.0

Lower Thames Crossing

Figure 2.4: Environmental Masterplan

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1 Environmental Masterplan: Section 14

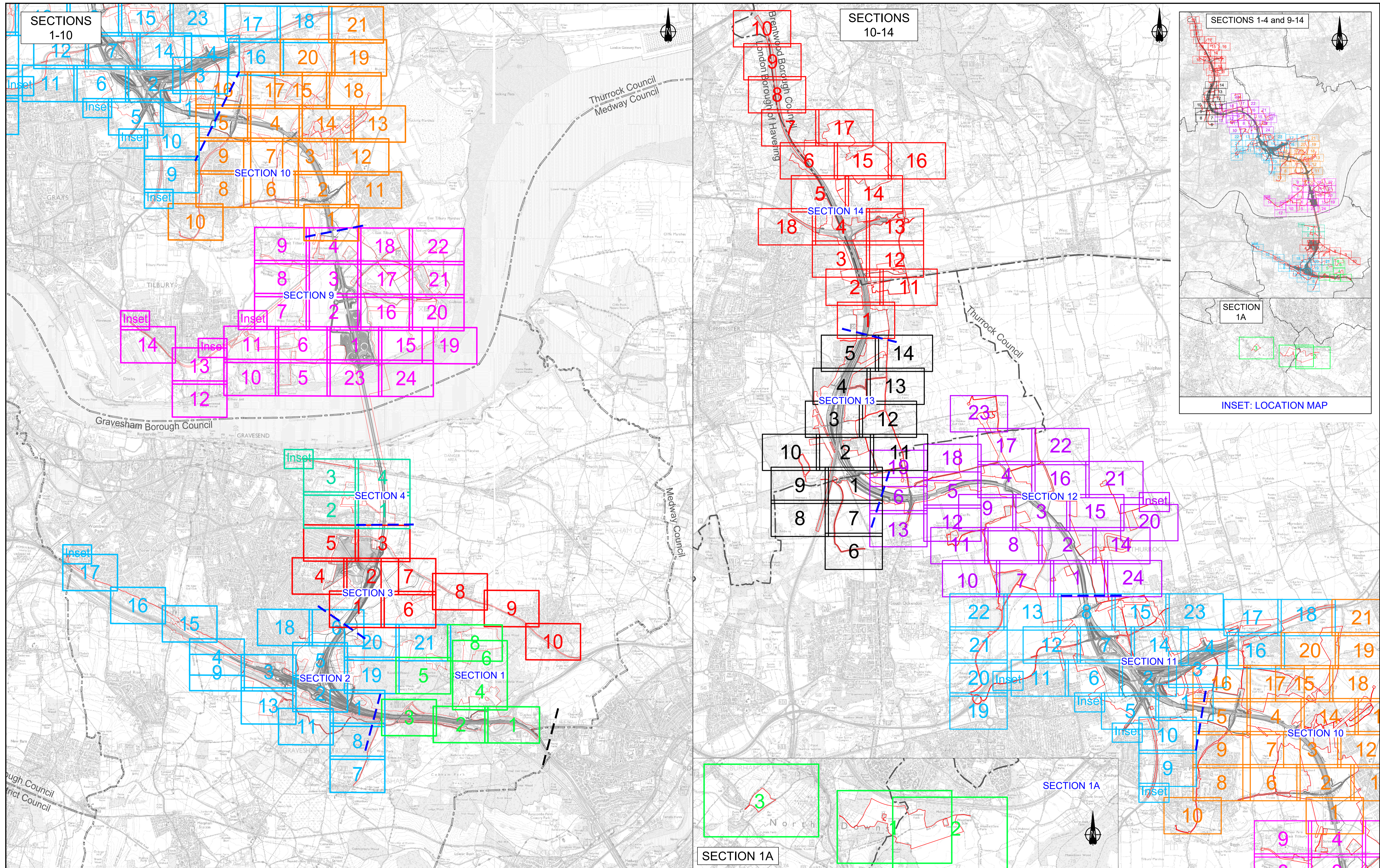
1.1 Schedule of Plans included in this application document

1.2 Section 14 (Sheets 1-18)

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00001 - Section Overview	TR010032/APP/6.2	P01.5
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00002 - Section 14 Sheet 1	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00003 - Section 14 Sheet 2	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00004 - Section 14 Sheet 3	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00005 - Section 14 Sheet 4	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00006 - Section 14 Sheet 5	TR010032/APP/6.2	P02
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00007 - Section 14 Sheet 6	TR010032/APP/6.2	P02
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HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00009 - Section 14 Sheet 8	TR010032/APP/6.2	P01.6
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00010 - Section 14 Sheet 9	TR010032/APP/6.2	P01.6
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00011 - Section 14 Sheet 10	TR010032/APP/6.2	P01.6
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00012 - Section 14 Sheet 11	TR010032/APP/6.2	P01.6

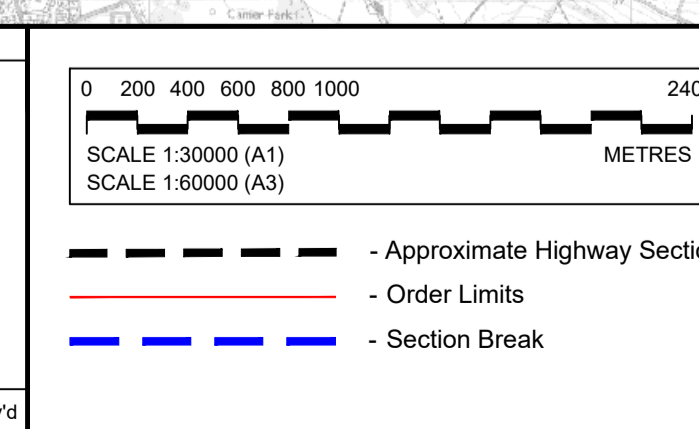
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00013 - Section 14 Sheet 12	TR010032/APP/6.2	P01.5
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00014 - Section 14 Sheet 13	TR010032/APP/6.2	P01.5
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00015 - Section 14 Sheet 14	TR010032/APP/6.2	P01.5
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00016 - Section 14 Sheet 15	TR010032/APP/6.2	P01.2
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00017 - Section 14 Sheet 16	TR010032/APP/6.2	P01.2
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00018 - Section 14 Sheet 17	TR010032/APP/6.2	P01.2
HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00019 - Section 14 Sheet 18	TR010032/APP/6.2	P01.3

1.3 Scheme Overview



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
P01.3	SD	2021/09/23				



Section Layout Key:

1	Section S1 (Sheets 1 - 8)	10	Section S10 (Sheets 1 - 21)
1A	Section S1A (Sheets 1 - 3)	11	Section S11 (Sheets 1 - 22)
2	Section S2 (Sheets 1 - 21)	12	Section S12 (Sheets 1 - 24)
3	Section S3 (Sheets 1 - 10)	13	Section S13 (Sheets 1 - 14)
4	Section S4 (Sheets 1 - 4)	14	Section S14 (Sheets 1 - 18)
9	Section S9 (Sheets 1 - 24)		

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	Application Document Number	Original Size	Revision
	TR010032/APP/6.2	A1	P01.3
Drawing title	Drawing Number		
ENVIRONMENTAL MASTERPLAN SCHEME OVERVIEW	HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00002		

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 / 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
- 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

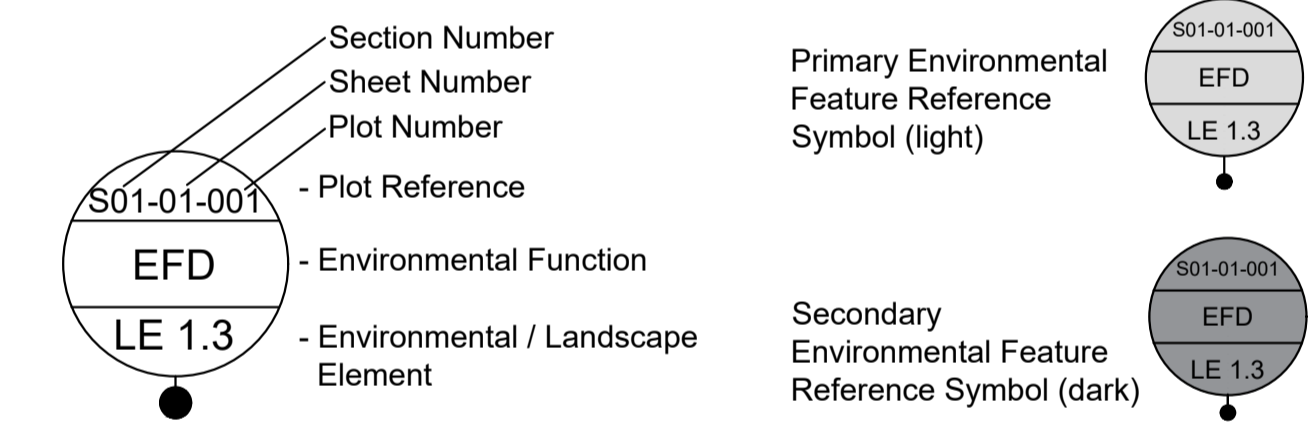
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environment Masterplan secures the spatial extent and location of the environmental / landscape elements detailed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

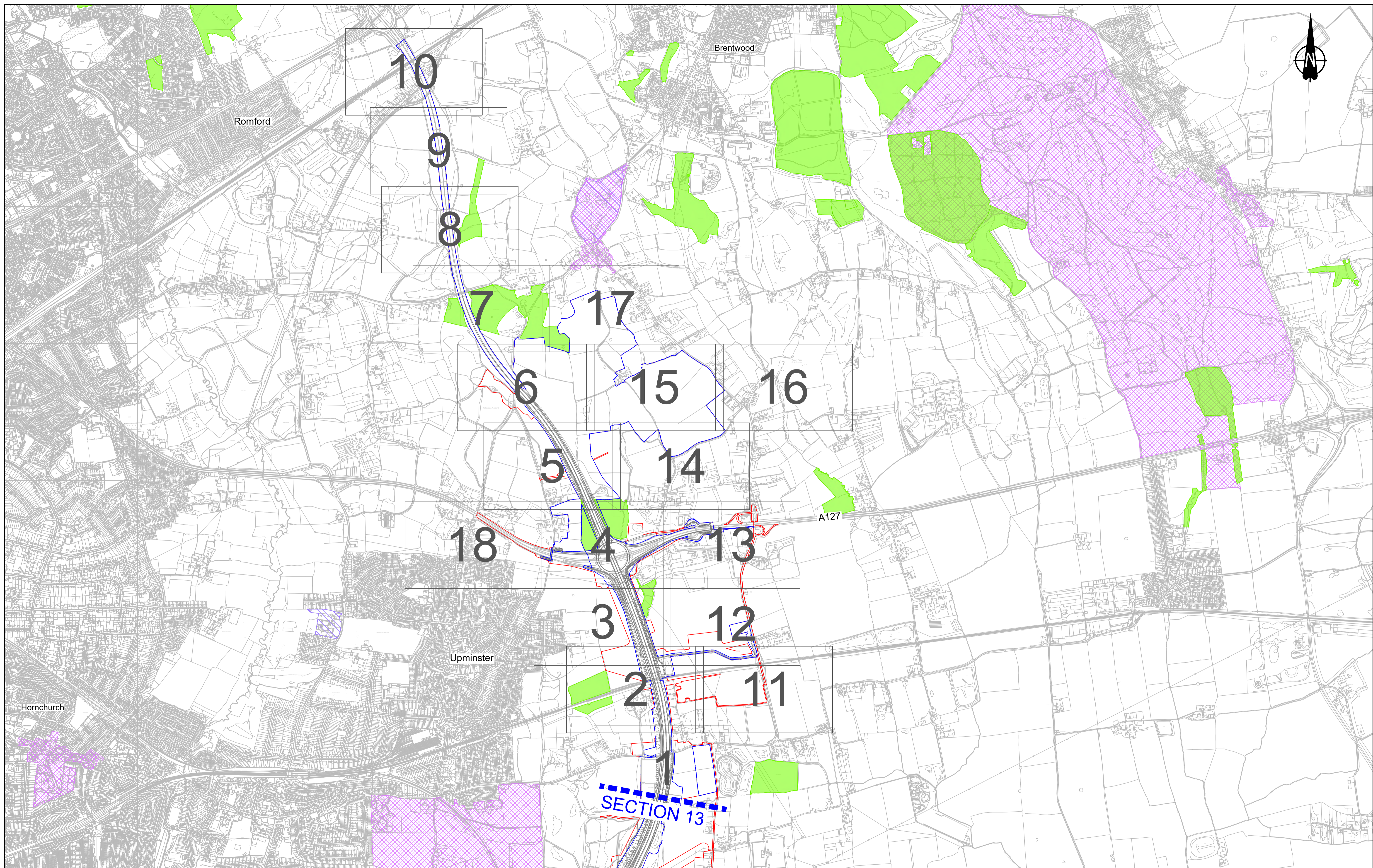
For further detail on the Landscape Design and Special Category Land shown within these plans, as well as the associated background and approach, please refer to the Project Design Report, Volume 2 Book of Plans, and Design Principles document (Application Documents 7.4, 6.2 and 7.5 respectively).

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
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	Status Initial Status or WIP	Original Size A1	Revision P01.6
	Application Document Number TR010032/APP/6.2	Scale	
Project LOWER THAMES CROSSING	Drawing title ENVIRONMENTAL MASTERPLAN LEGEND		
	Drawing Number HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001		

1.5 Section 14



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0 100 200 300 400 500 600 700 800 900 1000
 SCALE 1:5000 (A1)
 SCALE 1:10000 (A3)
 METRES

P01.5 50 08/08/2022 LD

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

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

Client

Project **LOWER THAMES CROSSING**

Status	Initial Status or WIP	Original Size	A1	Revision	P01.5
Application Document Number	TR010032/APP/6.2	Scale	AS SHOWN		
Drawing title	ENVIRONMENTAL MASTERPLAN OVERVIEW PLAN SECTION 14				
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00001				



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

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

P01	S2	25/10/2022	DCO Application	SA	PS	MH
P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ-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>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 Root Features <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>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 	<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 Fencing (inc. highway boundary fence) E 3.2 Barn Owl Box
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS Submission	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
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Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00002				

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

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

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P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

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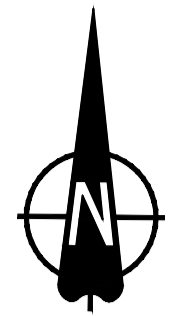
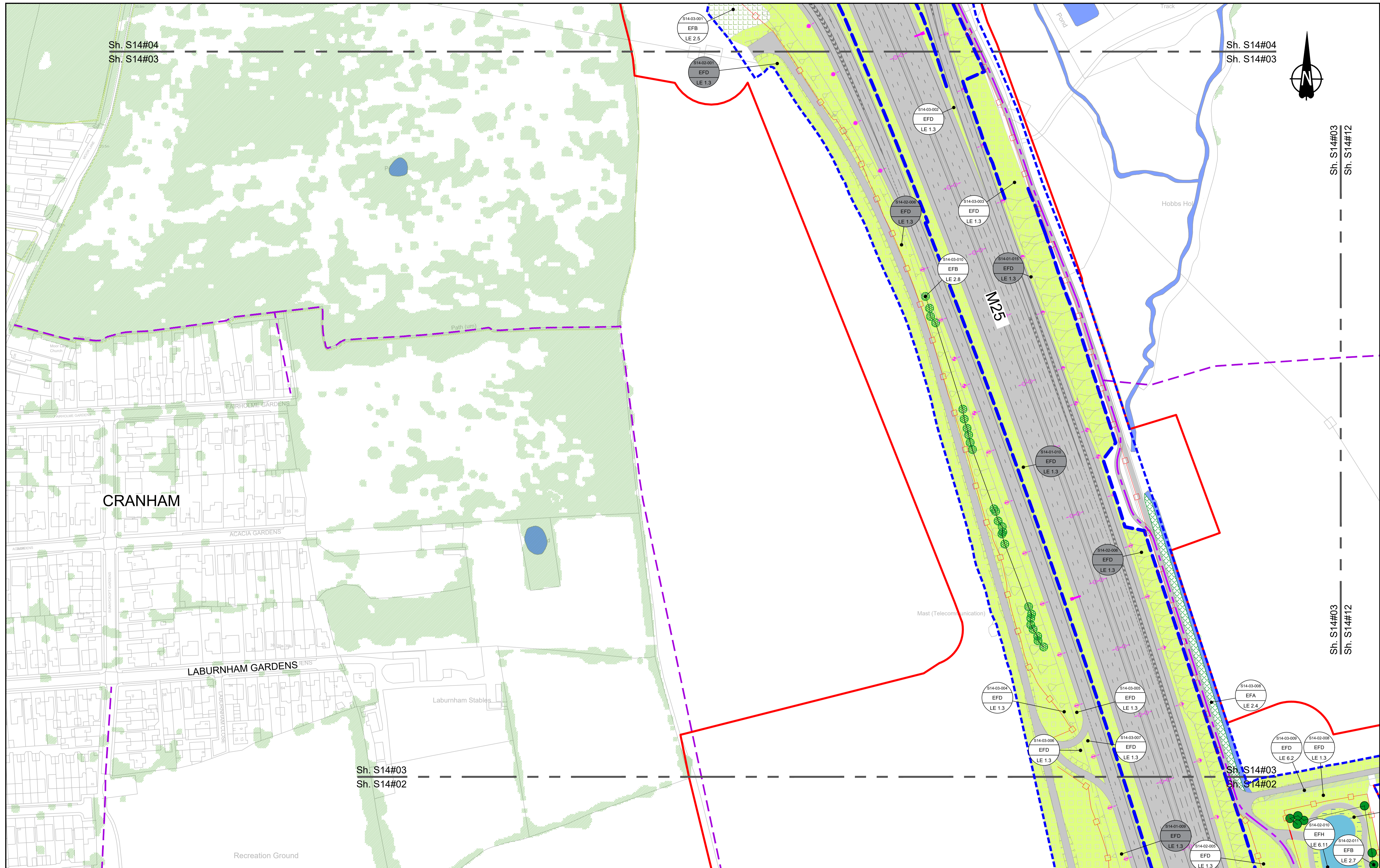
Order Limits — Order Limits — Permanent Acquisition of Land	Grassland (LE 1) LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree	Planting (LE 2) LE 2.1 Woodland LE 2.11 Woodland With Non-Native Species LE 2.14 Wet / 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	Noise (E 1) E 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 Ecological Fencing (inc. highway boundary fence) E 3.2 Barn Owl Box
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: PINS Submission	Original Size: A1	Revision: P02
Application Document Number: TR010032/APP/6.2	Scale: 1:1250	
Drawing title: ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 2		
Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00003		

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

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

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P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

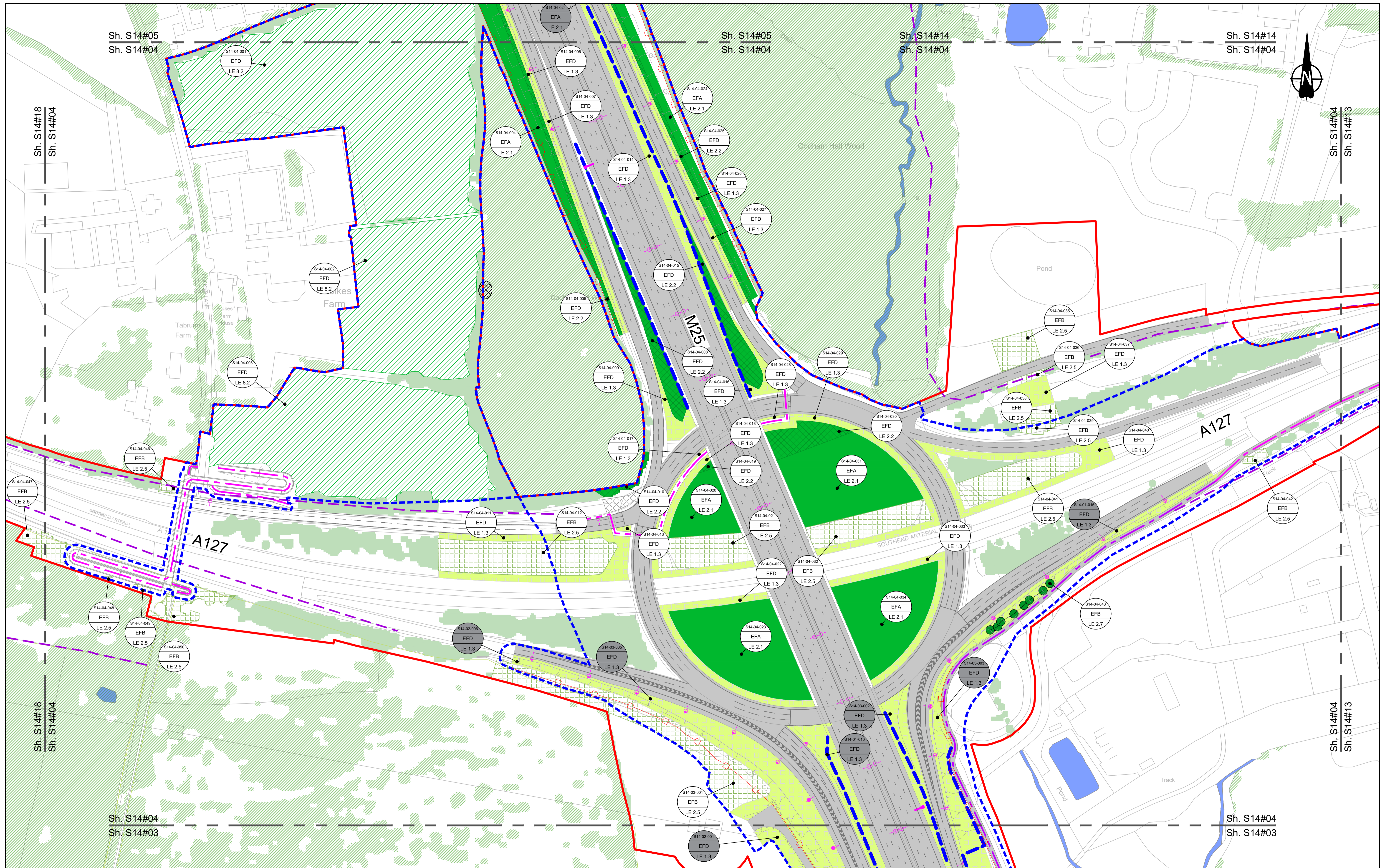
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Order Limits Order Limits Permanent Acquisition of Land Grassland (LE 1) LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree	Planting (LE 2) LE 2.1 Woodland LE 2.11 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 Banks and Ditches 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 Noise (E 1) LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Water (E 2) LE 8.7 Nitrogen Deposition (NDEP) Compensation Area E 2.2 Flood Compensation Areas (E 2-FCA) E 2.5 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)
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Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS Submission	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 3				
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00004				



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SCALE 1:2500 (A3)

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

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P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

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

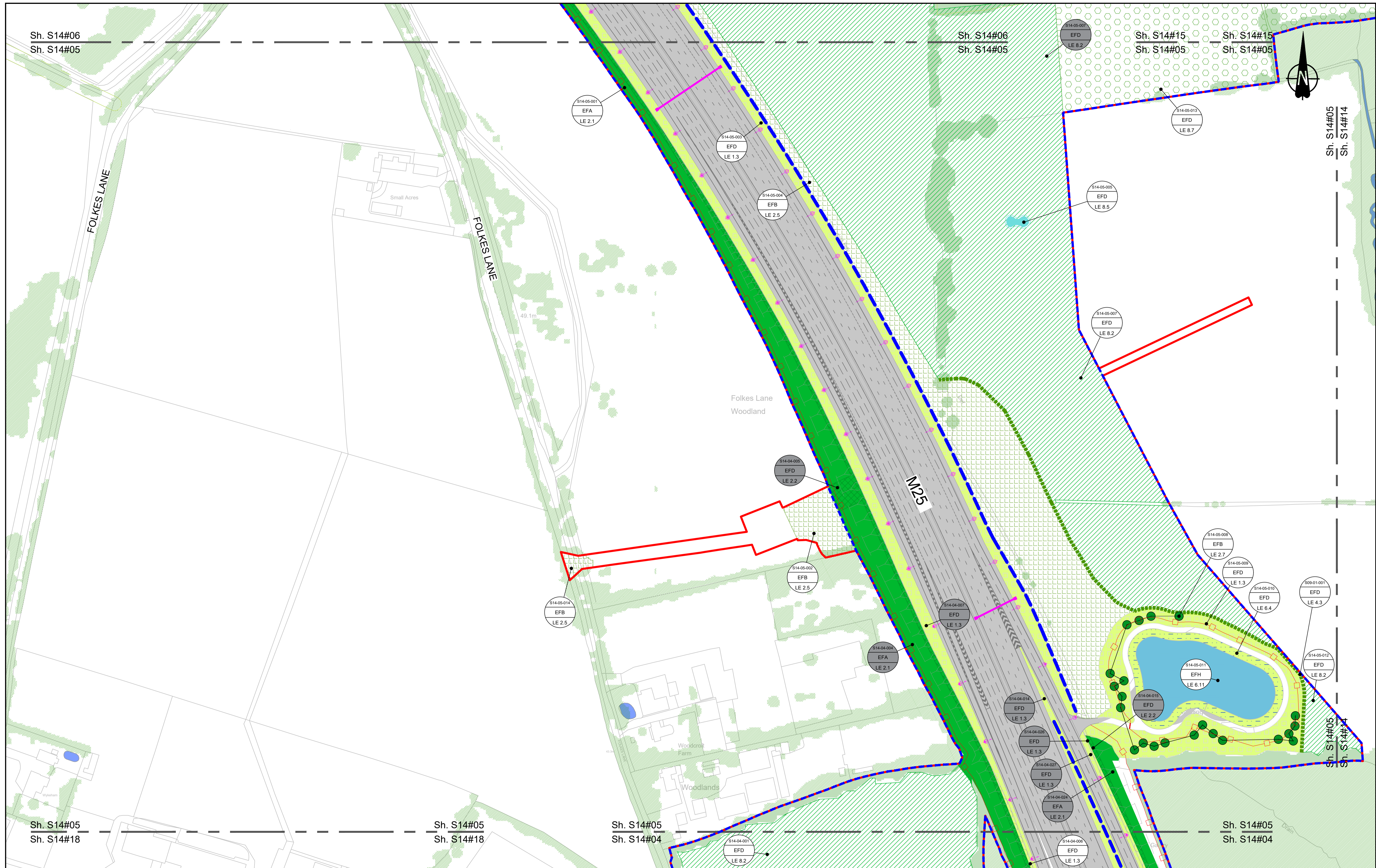
<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree 	<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 (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>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>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 Wet Grassland LE 8.41 Marsh and Wet Grassland - Coastal Grazing Marsh LE 8.42 Wet Grassland LE 8.43 Wet Grassland - Coastal Grazing Marsh LE 8.44 Wet Grassland LE 8.45 Wet Grassland LE 8.46 Wet Grassland LE 8.47 Wet Grassland LE 8.48 Wet Grassland LE 8.49 Wet Grassland LE 8.50 Wet Grassland LE 8.51 Wet Grassland LE 8.52 Wet Grassland LE 8.53 Wet Grassland LE 8.54 Wet Grassland LE 8.55 Wet Grassland LE 8.56 Wet Grassland LE 8.57 Wet Grassland LE 8.58 Wet Grassland LE 8.59 Wet Grassland LE 8.60 Wet Grassland LE 8.61 Wet Grassland LE 8.62 Wet Grassland LE 8.63 Wet Grassland LE 8.64 Wet Grassland LE 8.65 Wet Grassland LE 8.66 Wet Grassland LE 8.67 Wet Grassland LE 8.68 Wet Grassland LE 8.69 Wet Grassland LE 8.70 Wet Grassland 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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 Bat Barn Box E 3.2 Ecological Fencing (inc. highway boundary fence)
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS Submission	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 4				
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00005				

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00005.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	S2	25/10/2022	DCO Application	SA	PS	MH
P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

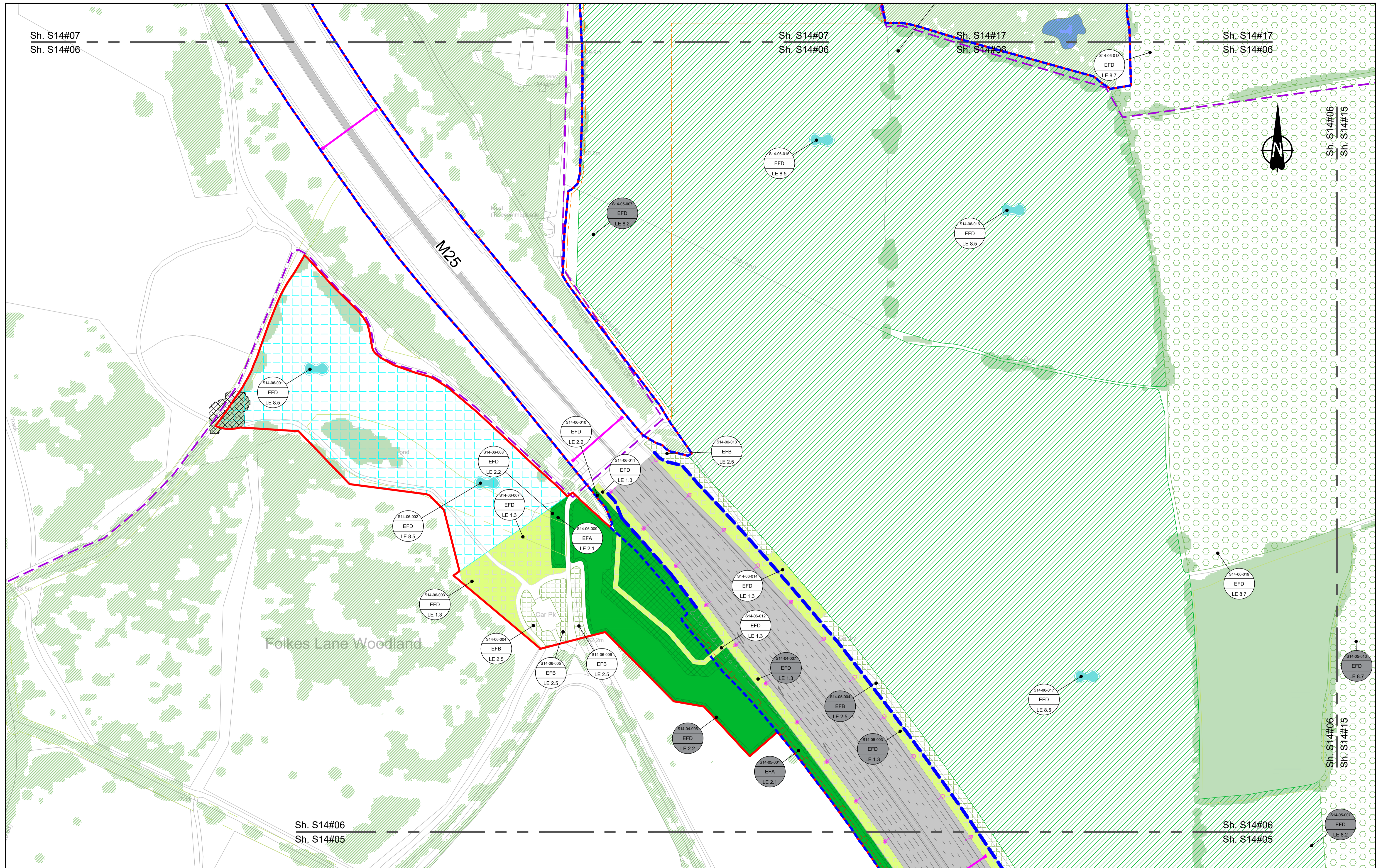
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

<p>Order Limits</p> <p>Permanent Acquisition of Land</p> <p>Grassland (LE 1)</p> <p>LE 1.3 Species Rich Grassland</p> <p>LE 1.31 Species Rich Chalk Grassland</p> <p>LE 1.32 Species Rich Annual Wildflower Grassland</p> <p>LE 1.4 Rock and Scree</p>	<p>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 (untrimmied)</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>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 / Fenland 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>E 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 Barn Owl Box</p> <p>E 3.2 Ecological Fencing (inc. highway boundary fence)</p>
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS Submission	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 5				
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00006				



Sh. S14#07
Sh. S14#06

Sh. S14#07
Sh. S14#06

Sh. S14#17
Sh. S14#06

Sh. S14#17
Sh. S14#06

Sh. S14#06
Sh. S14#05

Sh. S14#06
Sh. S14#05



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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	DCO Application	SA	PS	MH
P02	S9	19/07/2023	Deadline 2	LD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

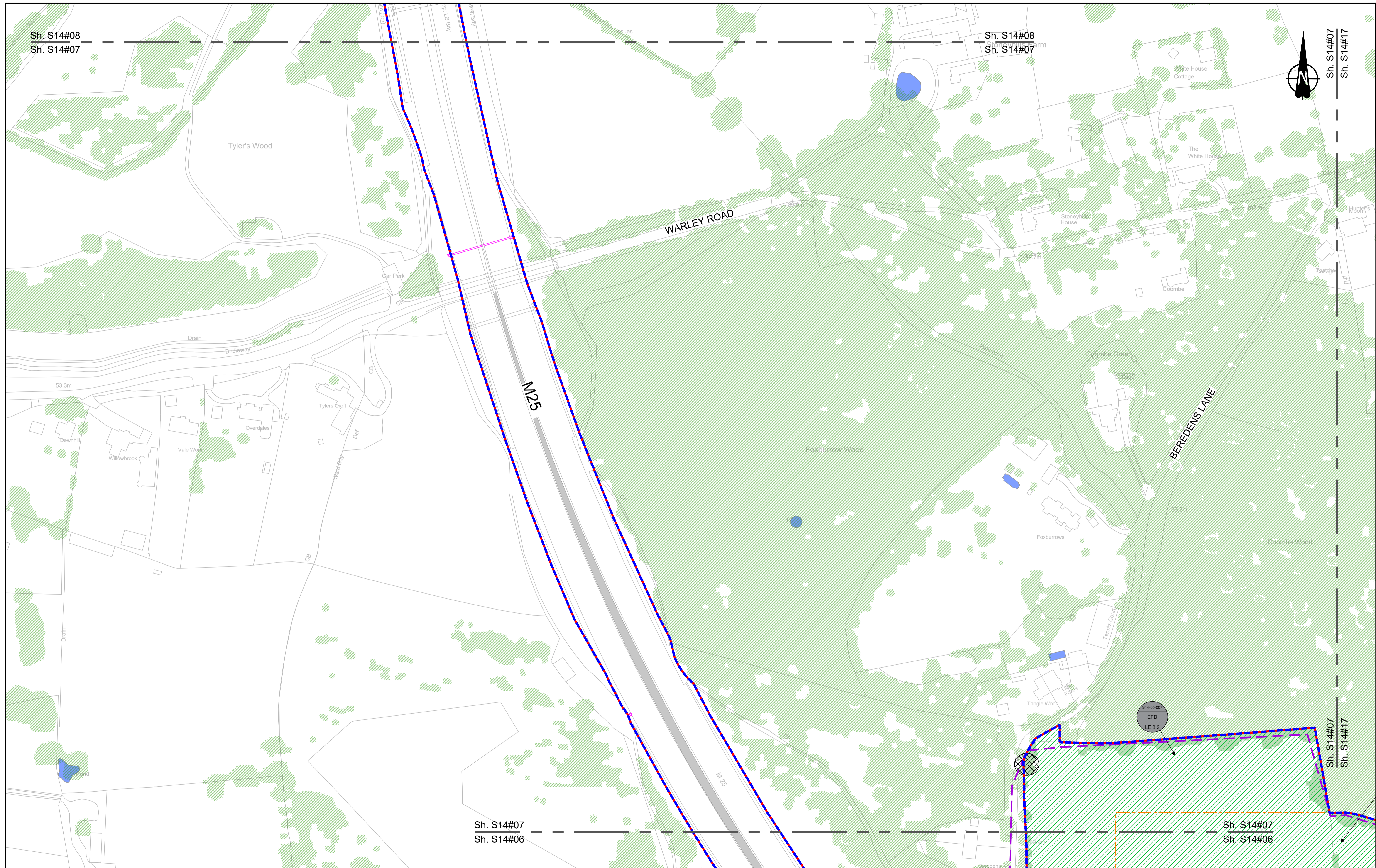
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

<p>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 (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 Band <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"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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) LE 8.5 Ecology Pond (indicative symbol only) 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	PINS Submission	Original Size	A1	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:1250		
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 6				
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00007				



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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	Check'd	Apprv'd
P01.5	SD	08/08/2022				LD

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"> 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 (untrimsed) LE 4.4 Native Hedgerow With Trees <p>Shrubs With Intermittent Trees</p> <ul style="list-style-type: none"> LE 2.5 <p>Scattered Trees</p> <ul style="list-style-type: none"> LE 2.7 <p>Scrub / Scattered Scrub</p> <ul style="list-style-type: none"> LE 2.8 <p>Native Species Hedge (untrimsed)</p> <ul style="list-style-type: none"> LE 4.3 <p>Native Hedgerow With Trees</p> <ul style="list-style-type: none"> LE 4.4 	<p>Wet Grassland</p> <ul style="list-style-type: none"> LE 6.4 <p>Marsh and Wet Grassland - Coastal Grazing Marsh</p> <ul style="list-style-type: none"> LE 6.41 <p>Reinforced Earth Bund</p> <ul style="list-style-type: none"> LE 7.4 <p>Proposed Contours</p>	<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 Ecological Fencing (inc. highway boundary fence) E 3.2 Bat Barn Block 	<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"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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 Ecological Fencing (inc. highway boundary fence) E 3.2 Bat Barn Block
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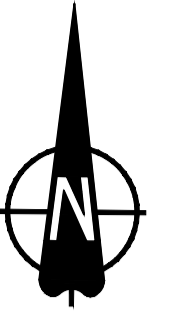
Client: **national highways**

Project: **LOWER THAMES CROSSING**

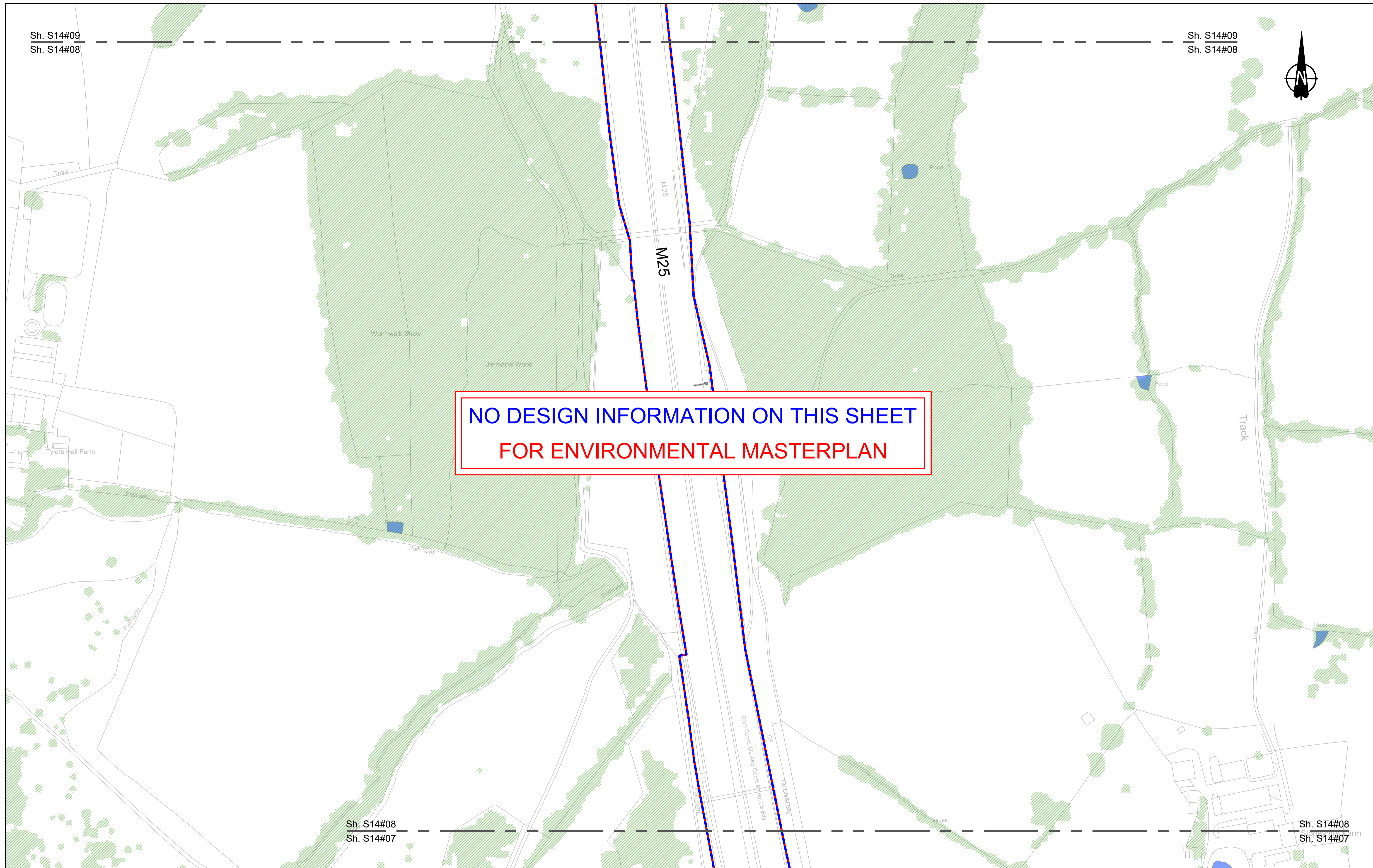
Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.5
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 7		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00008		

Sh. S14#09
Sh. S14#08

Sh. S14#09
Sh. S14#08



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Sh. S14#08
Sh. S14#07

Sh. S14#08
Sh. S14#07

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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	Chck'd	Apprv'd
P01.6	SO	08/08/2022		LD		

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

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

Hedges (LE 4)

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

Shrubs With Intermittent Trees

- LE 2.5

Scattered Trees

- LE 2.7

Scrub / Scattered Scrub

- LE 2.8

Native Species Hedge (untrimmied)

- LE 4.3

Native Hedgerow With Trees

- LE 4.4

Wetland Habitats (LE 6)

- 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 8.6 Acid Grassland Soil Salvage

Noise (E 1)

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

Water (E 2)

- Flood Compensation Area (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 Ecological Fencing (inc. highway boundary fence)
- E 3.2 Bat Barn Block

Client:

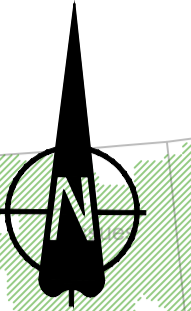
Project: LOWER THAMES CROSSING

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.6
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 8		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00009		

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00009.dwg

Sh. S14#10
Sh. S14#09

Sh. S14#10
Sh. S14#09



NAG'S HEAD LANE

M25

**NO DESIGN INFORMATION ON THIS SHEET
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Sh. S14#09
Sh. S14#08

Sh. S14#09
Sh. S14#08

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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	Chck'd	Apprv'd
P01.6	SD	08/08/2022				LD

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

Individual Trees (LE 5)	LE 6.4 Wet Grassland
LE 5.1 Individual Trees	LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh
Wetland Habitats (LE 6)	Hard Landscape Features (LE 7)
LE 6.11 Water Bodies - Standing Water	LE 7.4 Reinforced Earth Bund
LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	Earthworks
LE 6.2 Banks and Ditches	Proposed Contours
LE 6.21 Banks and Ditches - High Tide Roost Features	

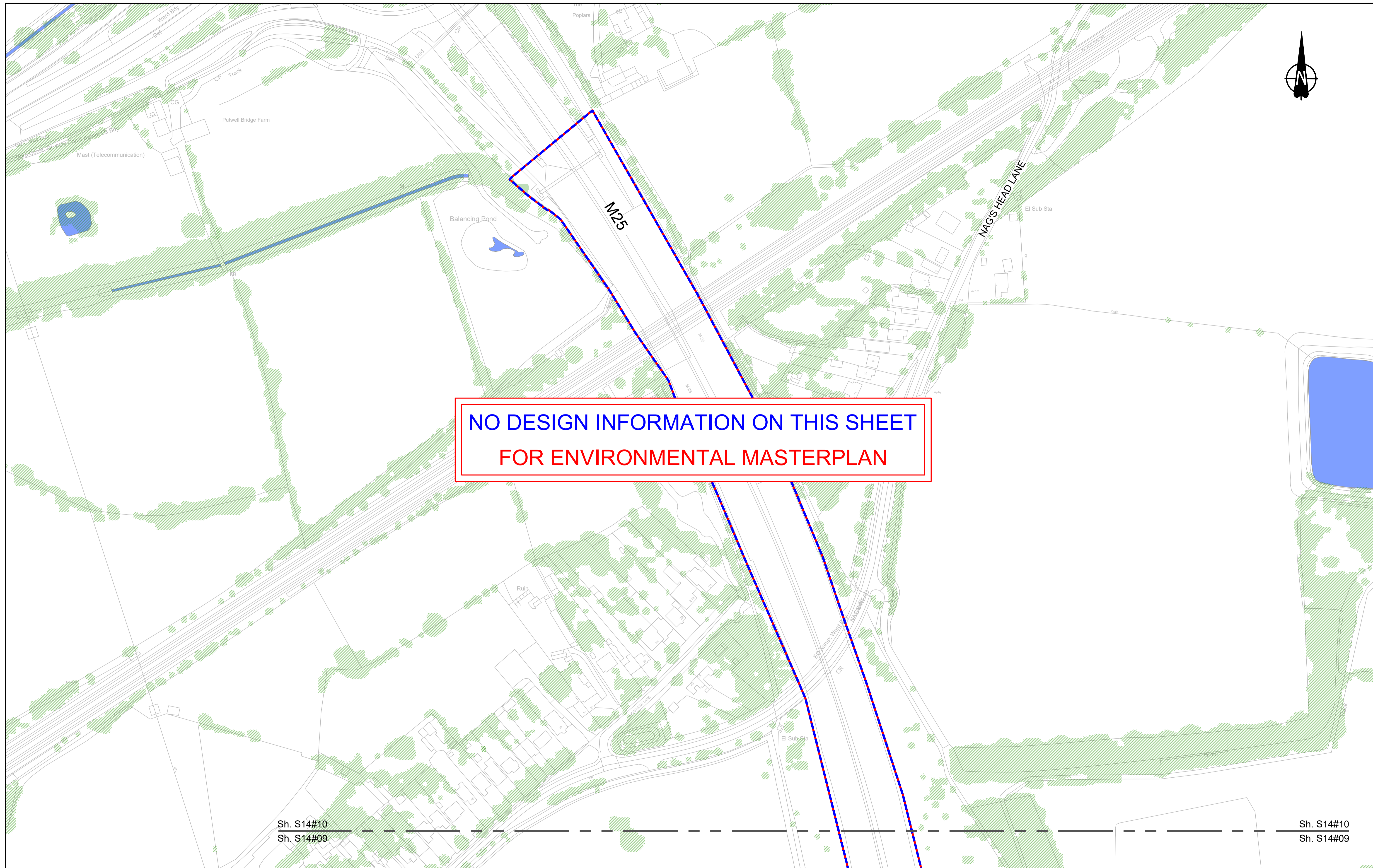
Ecological Habitats (LE 8)	Noise (E 1)
LE 8.1 Open Mosaic Habitat	LE 8.7 Nitrogen Deposition (NDEP) Compensation Area
LE 8.2 Ancient Woodland Compensation Planting	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)
LE 8.3 Woodland Mitigation Planting	Water (E 2)
LE 8.4 Wetland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

Ecological (E 3)	E 3.2 Bat Barn Block
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	

Client:

Project: LOWER THAMES CROSSING

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.6
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 9		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00010		



NO DESIGN INFORMATION ON THIS SHEET
FOR ENVIRONMENTAL MASTERPLAN

Sh. S14#10
Sh. S14#09

Sh. S14#10
Sh. S14#09

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

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

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01.6	SO	08/08/2022				LD

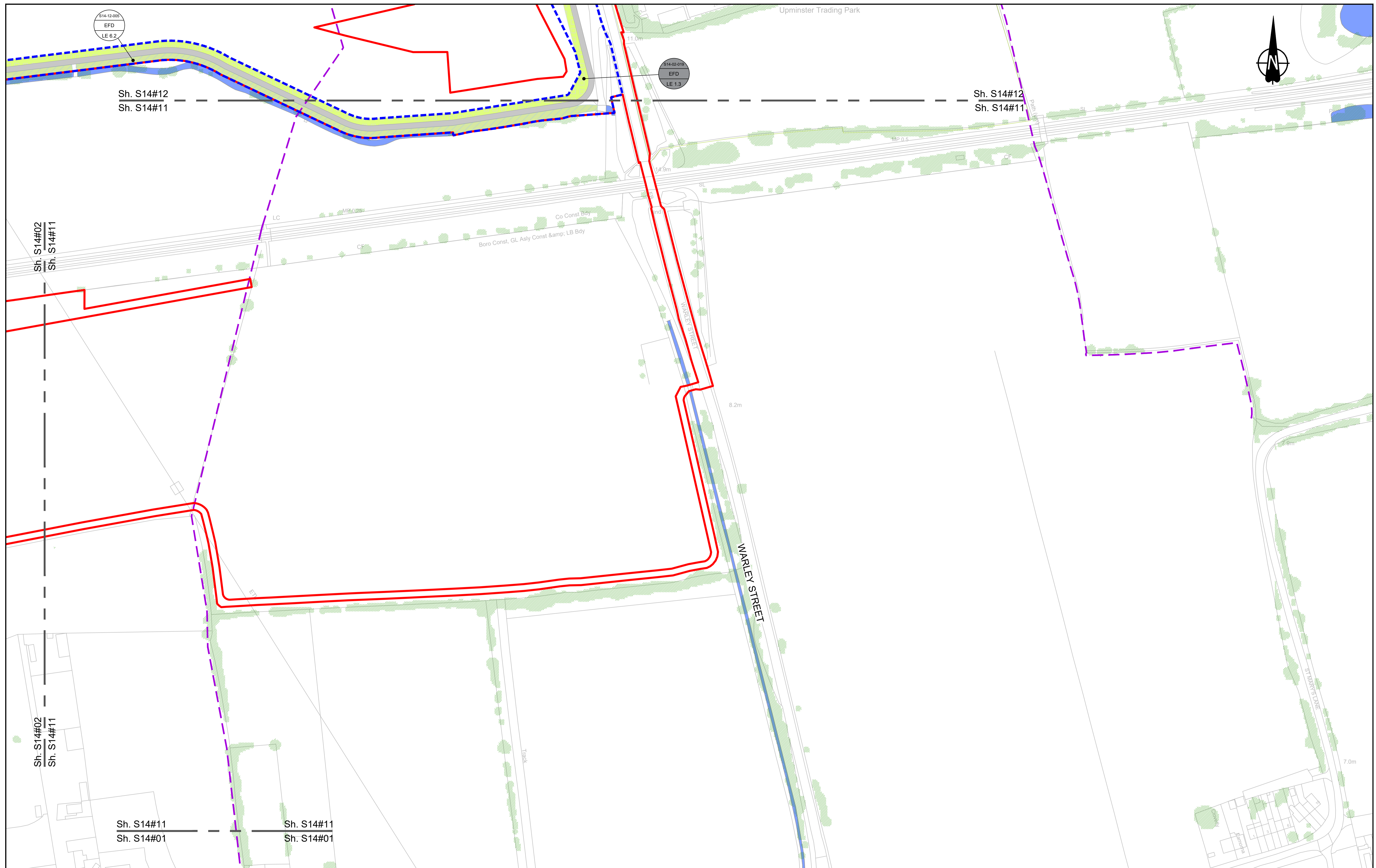
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ-EN000000_Z-DR-ZZ-00001).

<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>Shrubs With Intermittent Trees</p> <ul style="list-style-type: none"> LE 2.5 Shrubs With Intermittent Trees <p>Scattered Trees</p> <ul style="list-style-type: none"> LE 2.7 Scattered 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>Wet Grassland</p> <ul style="list-style-type: none"> LE 6.4 Wet Grassland <p>Marsh and Wet Grassland - Coastal Grazing Marsh</p> <ul style="list-style-type: none"> LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh <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>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 Ecology Pond (indicative symbol only) E 3.2 Bat Barn Block E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence) 	<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>LE 8.7 Nitrogen Deposition (NDEP) Compensation Area</p>
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Client:

Project: LOWER THAMES CROSSING

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.6
Scale	1:1250		
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 10		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00011		



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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.

P01.6 SD 08/08/2022 LD

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

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ, EN000000_Z-DR-ZZ-00001).

Order Limits
 - Red line: Order Limits
 - Blue dashed line: 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

Shrubs With Intermittent Trees (LE 2.5)
 - LE 2.5 Shrubs With Intermittent Trees

Scattered Trees (LE 2.7)
 - LE 2.7 Scattered Trees

Scrub / Scattered Scrub (LE 2.8)
 - 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 Root Features

Wetland Habitats (LE 6)
 - 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

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

Noise (E 1)
 - E 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)

LE 6.7 Nitrogen Deposition (NDEP) Compensation Area

Client: national highways

Project: LOWER THAMES CROSSING

Status: Initial Status or WIP

Application Document Number: TR010032/APP/6.2

Scale: 1:1250

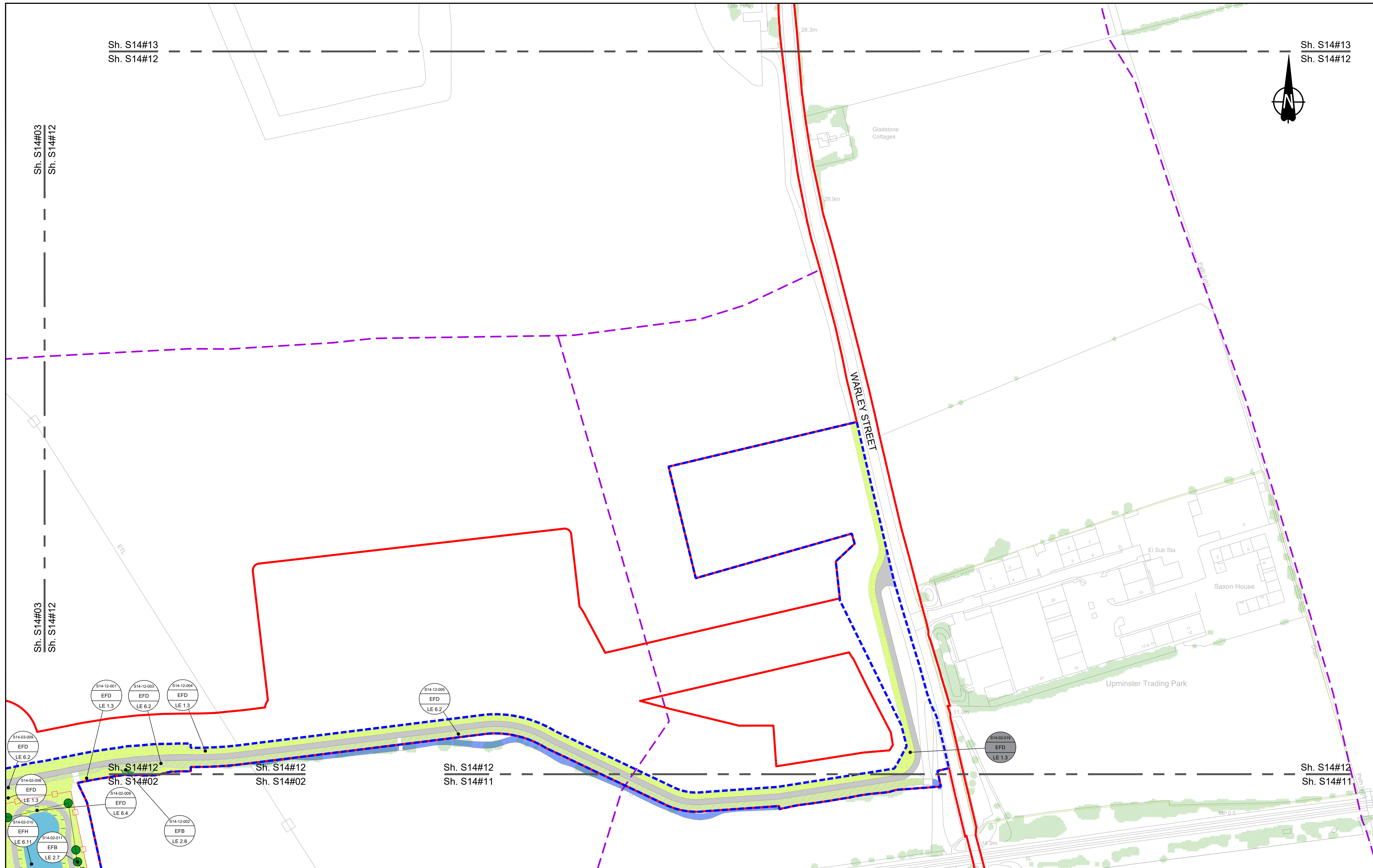
Original Size: A1

Revision: P01.6

Drawing Title: ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 11

Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00012

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00012.dwg



Sh. S14#13
Sh. S14#12

Sh. S14#13
Sh. S14#12

Sh. S14#03
Sh. S14#12

Sh. S14#03
Sh. S14#12

Sh. S14#12
Sh. S14#11

S14-12-001
EFD
LE 1.3

S14-12-003
EFD
LE 6.2

S14-12-004
EFD
LE 1.3

S14-12-005
EFD
LE 6.2

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EFD
LE 6.2

S14-02-006
EFD
LE 1.3

S14-02-009
EFD
LE 6.4

S14-02-009
EFD
LE 6.4

S14-02-011
EFB
LE 2.7

S14-12-002
EFB
LE 2.8

S14-02-019
EFD
LE 1.3

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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	Chck'd	Apprv'd
P01.5	SO	08/08/2022				LD

Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-000011).

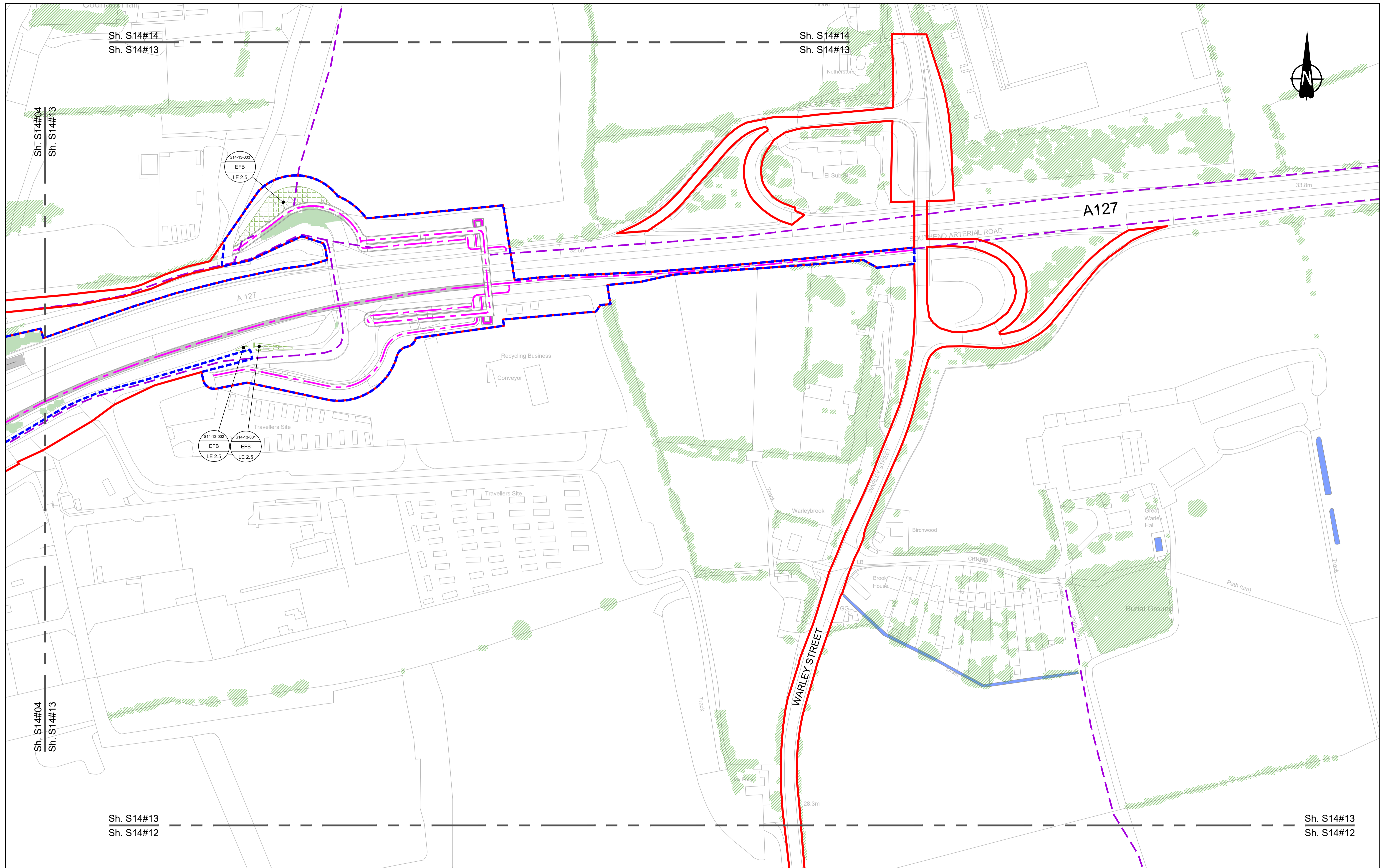
<p>Order Limits</p> <ul style="list-style-type: none"> Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree 	<p>Planting (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 (untrimmied) 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 Bund <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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 Ecological Fencing (inc. highway boundary fence)
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Client

Project

LOWER THAMES CROSSING

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.5
Scale	1:1250		
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 12		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00013		



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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	Check'd	Apprv'd
P01.5	SO	08/08/2022				LD

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

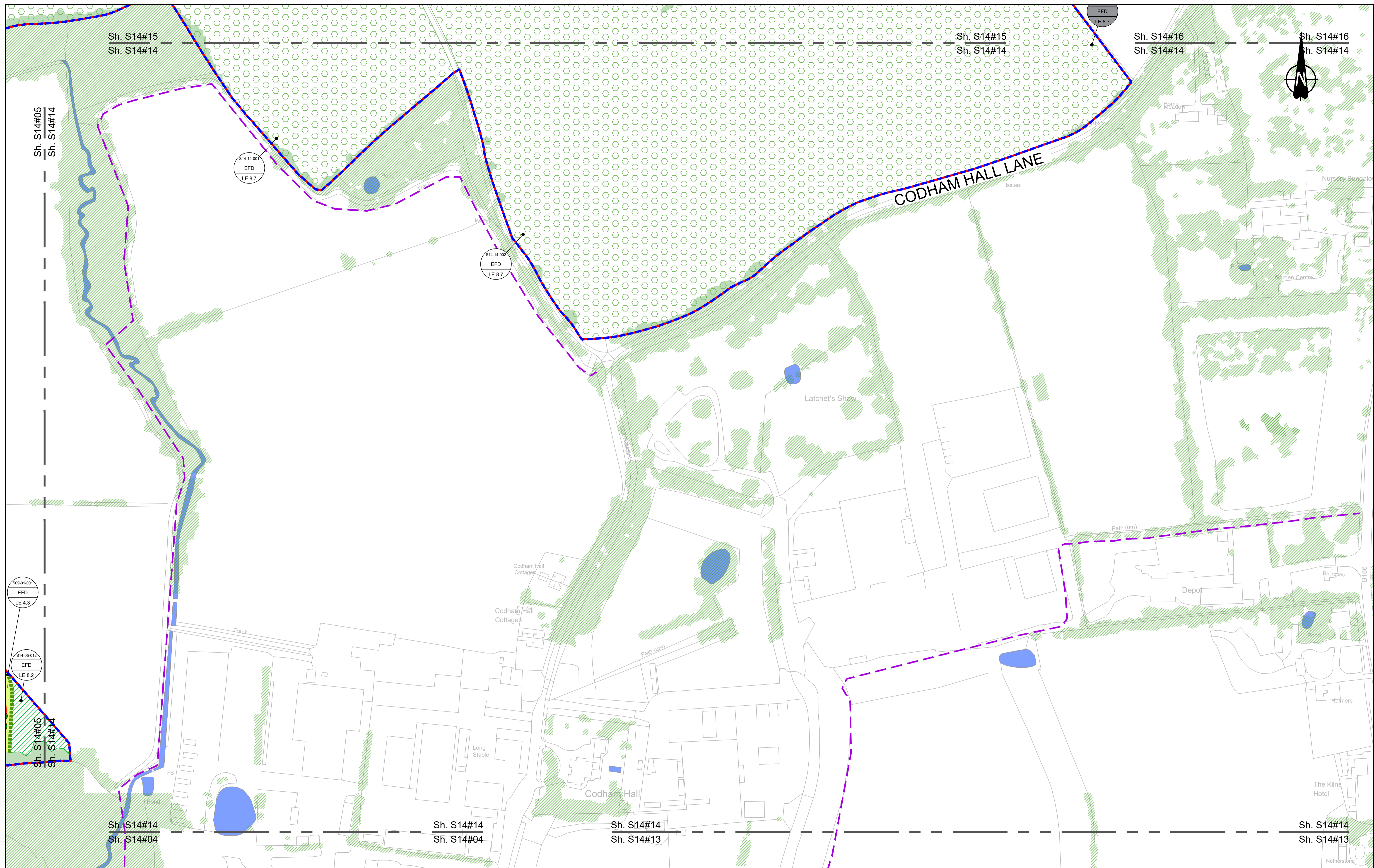
<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland LE 1.4 Rock and Scree 	<p>Planting (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>Shrubs With Intermittent Trees</p> <ul style="list-style-type: none"> LE 2.5 Shrubs With Intermittent Trees <p>Scattered Trees</p> <ul style="list-style-type: none"> LE 2.7 Scattered Trees <p>Scrub / Scattered Scrub</p> <ul style="list-style-type: none"> LE 2.8 Scrub / Scattered Scrub <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 Root Features <p>Wet Grassland</p> <ul style="list-style-type: none"> LE 6.4 Wet Grassland <p>Marsh and Wet Grassland - Coastal Grazing Marsh</p> <ul style="list-style-type: none"> LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh <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 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence) 	<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) LE 8.7 Nitrogen Deposition (NDEP) Compensation Area
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.5
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 13		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00014		
Scale 1:1250			

HE540039-CJV-EGN-S14_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.

Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
P01.5	SD	08/08/2022				LD

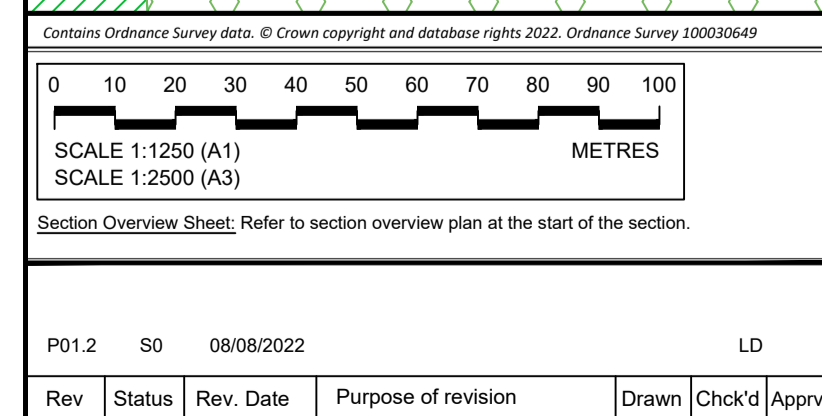
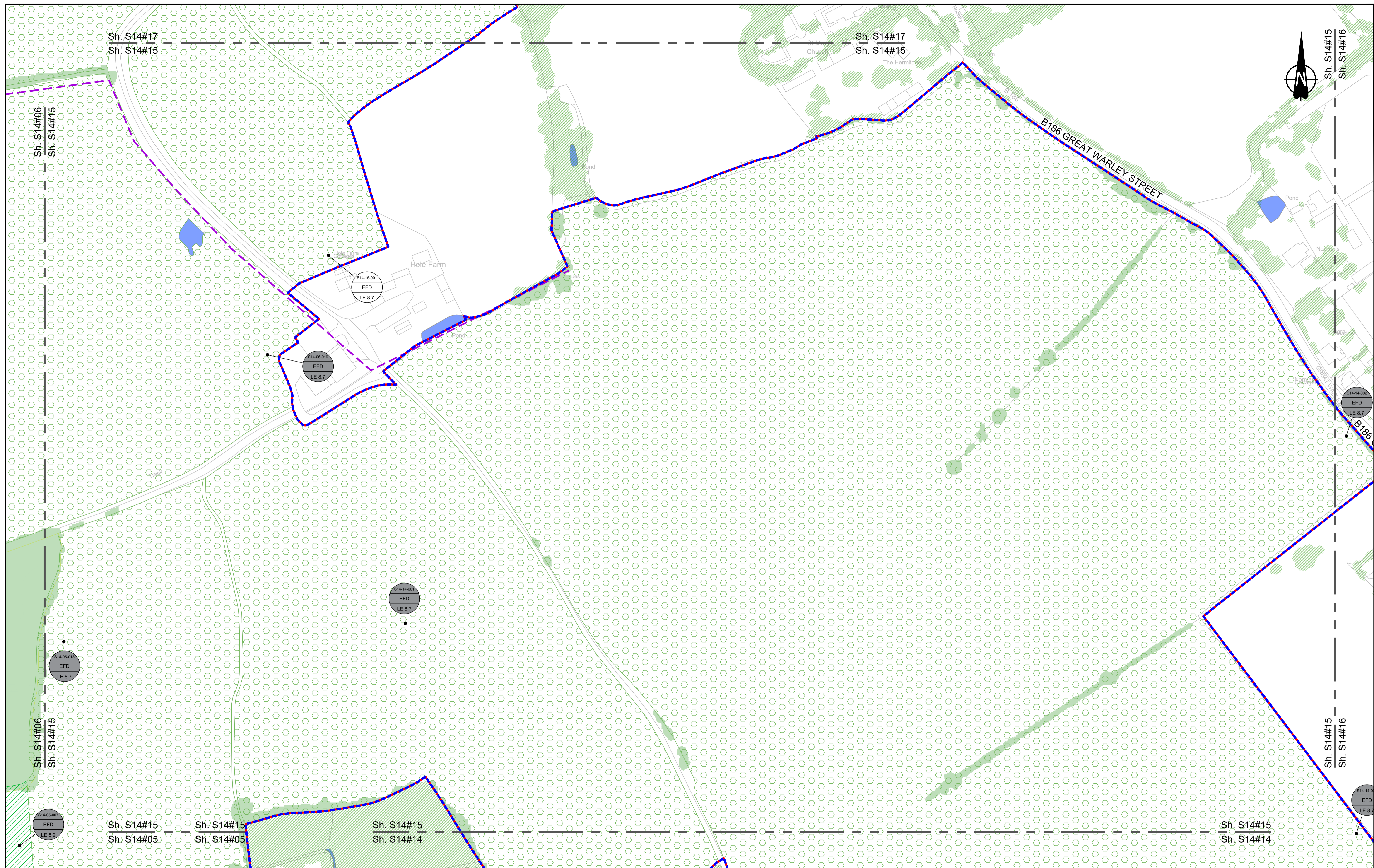
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<p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich 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 (untrimmied) 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 Bund <p>Earthworks</p> <ul style="list-style-type: none"> Proposed Contours 	<p>Noise (E 1)</p> <ul style="list-style-type: none"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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 Barn Owl Box</p> <ul style="list-style-type: none"> E 3.2 Ecological Fencing (inc. highway boundary fence)
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.5
Scale			
Drawing Title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 14		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00015		



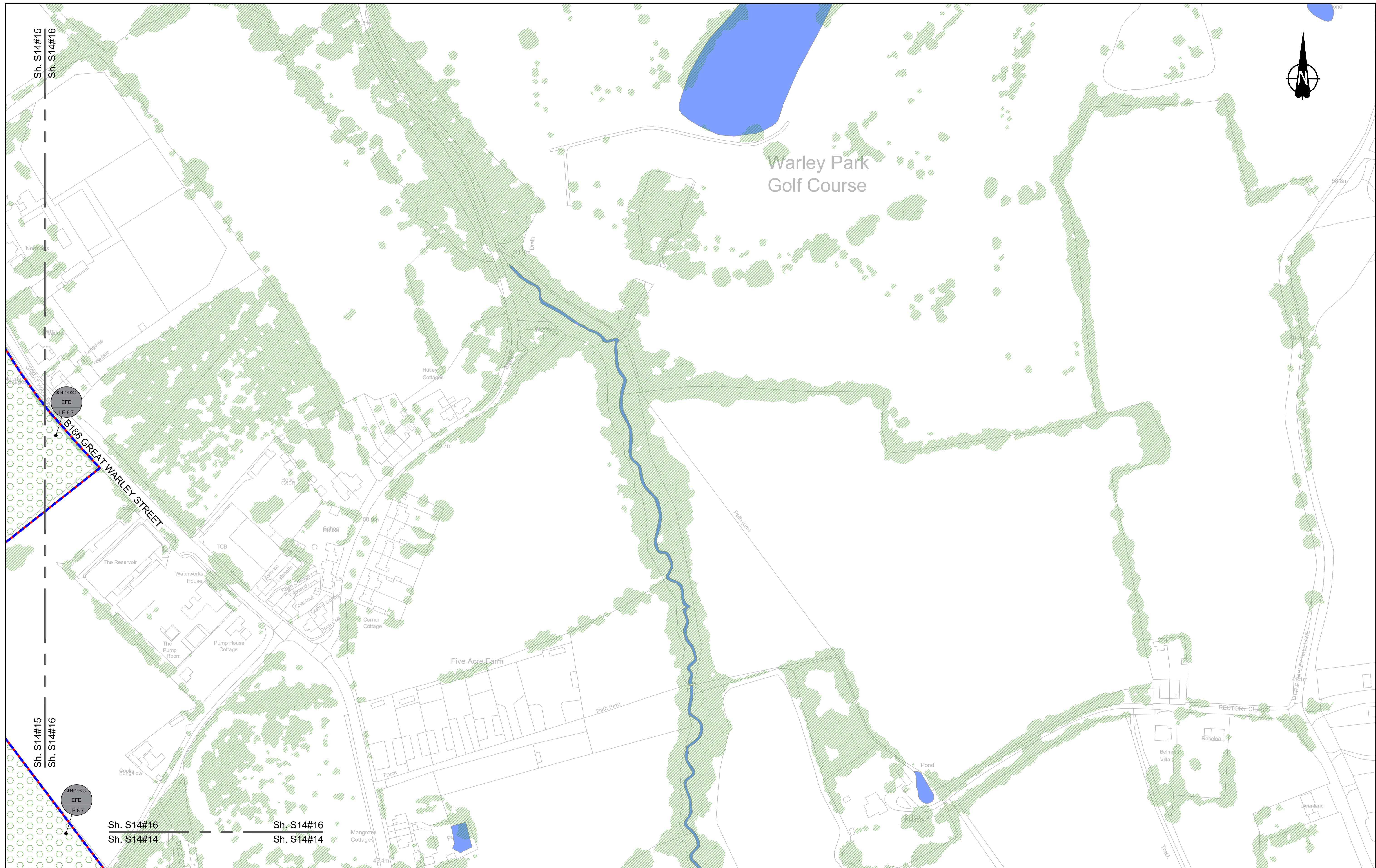
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Order Limits Order Limits	Planting (LE 2) LE 2.1 Woodland LE 2.11 Woodland With Non-Native Species LE 2.14 Wet / Carr Woodland LE 2.2 Woodland Edge LE 2.22 Scrub Woodland LE 2.4 Linear Belt of Shrubs and Trees	Individual Trees (LE 5) LE 5.1 Individual Trees	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 8.7 Nitrogen Deposition (NDEP) Compensation Area E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	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
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	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	Wetland Habitats (LE 6) LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	Hard Landscape Features (LE 7) LE 7.4 Reinforced Earth Bund	Water (E 2) Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD)	E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence)
Hedges (LE 4) LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With Trees	Earthworks Proposed Contours				

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: Initial Status or WIP	Original Size: A1	Revision: P01.2
Application Document Number: TR010032/APP/6.2	Scale: 1:1250	
Drawing Title: ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 15		
Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00016		



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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.

P01.2 50 08/08/2022 LD

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-SZ-EN000000_Z-DR-ZZ-00001).

Order Limits	Planting (LE 2)	Individual Trees (LE 5)	Ecological Habitats (LE 8)	Noise (E 1)	Ecological (E 3)
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<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 (untimmed) LE 4.4 Native Hedgerow With Trees 	<ul style="list-style-type: none"> LE 6.3 Woodland Mitigation Planting LE 6.22 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features 	<ul style="list-style-type: none"> LE 7.4 Reinforced Earth Bund 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 	<ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD) 	<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
<ul style="list-style-type: none"> Hard Landscape Features (LE 7) LE 7.4 Reinforced Earth Bund Earthworks Proposed Contours 	<ul style="list-style-type: none"> 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 (untimmed) LE 4.4 Native Hedgerow With Trees 	<ul style="list-style-type: none"> LE 6.3 Woodland Mitigation Planting LE 6.22 Water Bodies and Associated Plants - Shallow Scrape LE 6.2 Banks and Ditches LE 6.21 Banks and Ditches - High Tide Roost Features 	<ul style="list-style-type: none"> LE 7.4 Reinforced Earth Bund 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 	<ul style="list-style-type: none"> E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) Flood Compensation Areas (E 2-FCA) Flood Defence (E 2-FD) 	<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

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **Initial Status or WIP**

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

Drawing Title: **ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 16**

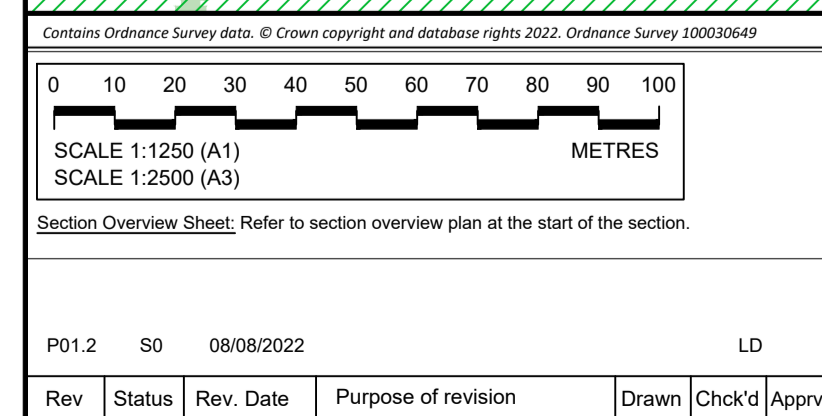
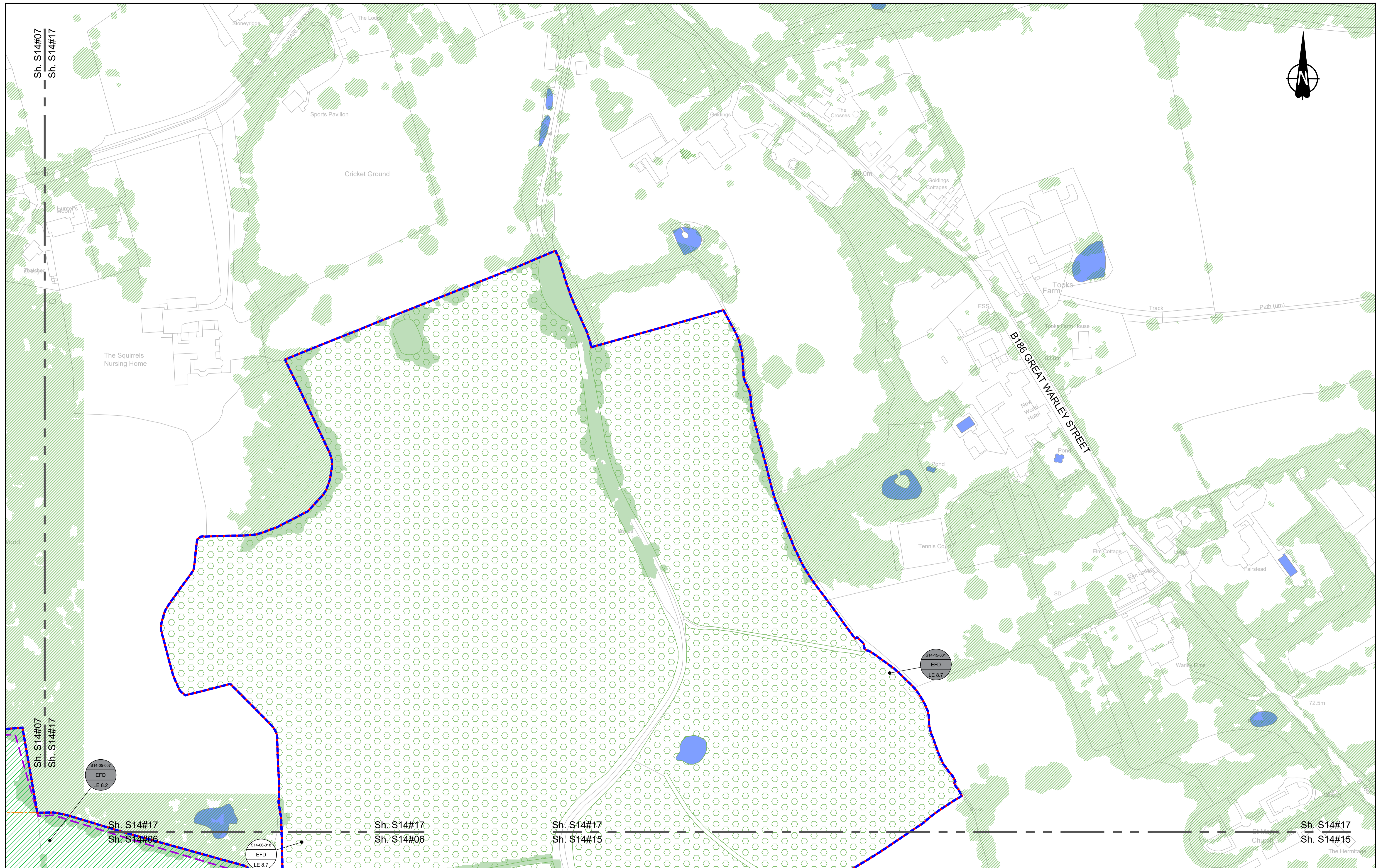
Drawing Number: **HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00017**

Original Size: **A1**

Revision: **P01.2**

Scale: **Scale**

HE540039-CJV-EGN-S14_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)	Ecological Habitats (LE 8)	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 Barn Owl Box
Permanent Acquisition of Land	LE 2.1 Woodland	LE 2.7 Scattered Trees	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 Dormouse Boxes	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 8.2 Ancient Woodland Compensation Planting	Water (E 2)	E 3.2 Bat Boxes		
LE 1.3 Species Rich Grassland	LE 2.14 Wet / Carr Woodland	Hedges (LE 4)	LE 6.11 Water Bodies - Standing Water	LE 8.3 Woodland Mitigation Planting	Flood Compensation Areas (E 2-FCA)	E 3.2 Ecological Culvert		
LE 1.31 Species Rich Chalk Grassland	LE 2.2 Woodland Edge	LE 4.3 Native Species Hedge (untrimmed)	LE 6.12 Water Bodies and Associated Plants - Shallow Scrape	LE 8.4 Wetland / Fenland Creation	Flood Defence (E 2-FD)	E 3.2 Bat Barn Block		
LE 1.32 Species Rich Annual Wildflower Grassland	LE 2.22 Scrub Woodland	LE 4.4 Native Hedgerow With Trees	LE 6.2 Banks and Ditches	LE 8.5 Ecology Pond (indicative symbol only)				
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 8.6 Acid Grassland Soil Salvage				

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
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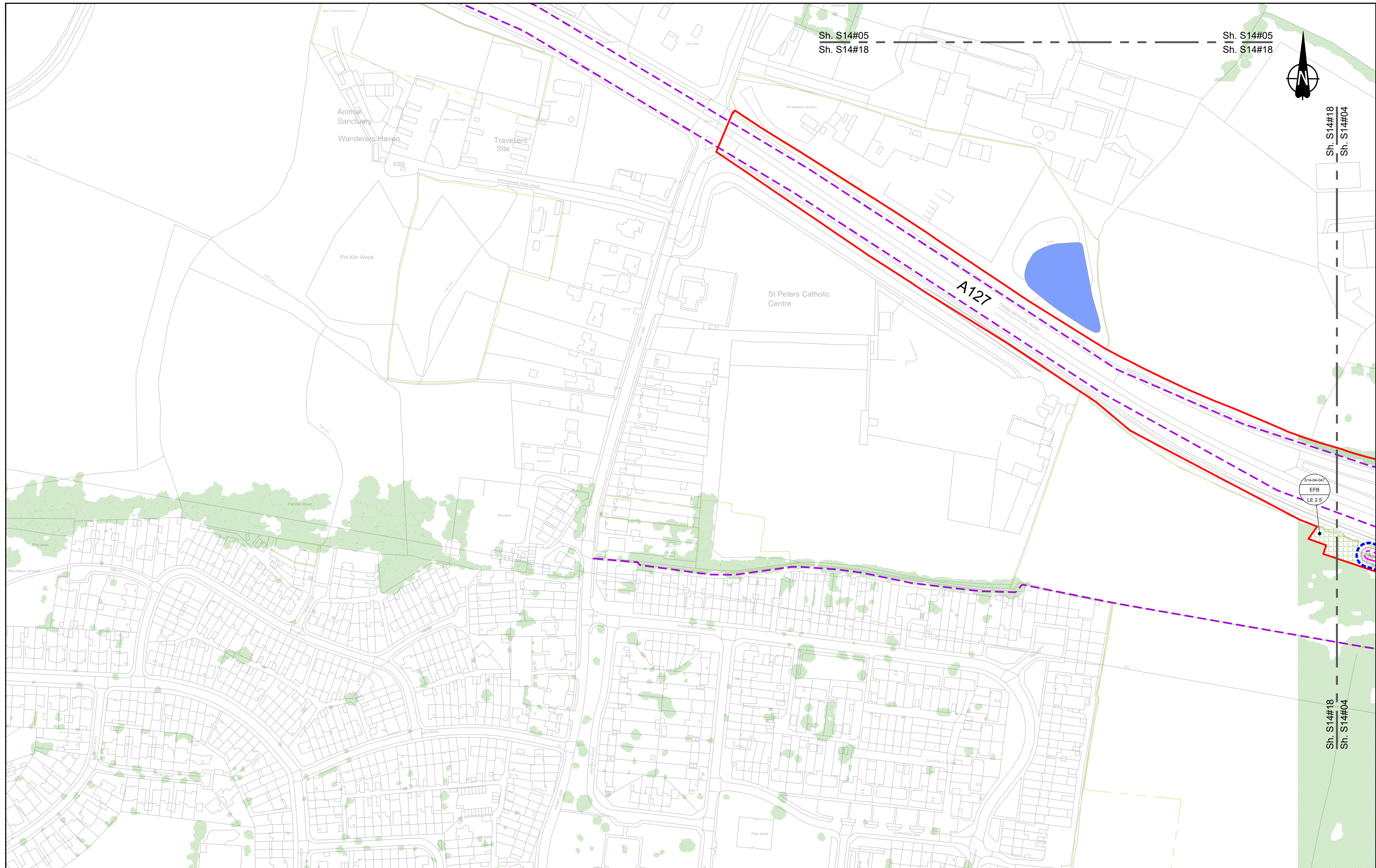
LE 6.41 Marsh and Wet Grassland - Coastal Grazing Marsh	Hard Landscape Features (LE 7)	LE 7.4 Reinforced Earth Bund	Earthworks	Proposed Contours
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LE 8.7 Nitrogen Deposition (NDEP) Compensation Area	Noise (E 1)	E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence)	Water (E 2)	Flood Compensation Areas (E 2-FCA)	Flood Defence (E 2-FD)
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Client: national highways

Project: LOWER THAMES CROSSING

Status: Initial Status or WIP	Original Size: A1	Revision: P01.2
Application Document Number: TR010032/APP/6.2	Scale:	
Drawing Title: ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 17		
Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00018		



Sh. S14#05
Sh. S14#18

Sh. S14#05
Sh. S14#18

Sh. S14#18
Sh. S14#04

Sh. S14#18
Sh. S14#04

A127
TRENCH ARTERIAL ROAD

S14-04-047
EFB
LE 2.5

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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	Check'd	Apprv'd
P01.3	SO	08/08/2022				LD

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>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>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>Noise (E 1)</p> <ul style="list-style-type: none"> LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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 Fencing (inc. highway boundary fence) 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	Initial Status or WIP	Original Size	Revision
Application Document Number	TR010032/APP/6.2	A1	P01.3
Scale			
Drawing title	ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 18		
Drawing Number	HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00019		

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00019.dwg

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