

Lower Thames Crossing
6.2 Environmental Statement
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: December 2023
DEADLINE: 9

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

VERSION: 3.0

Revision history

| Version | Date | Submitted at |
|---------|------------------|-----------------|
| 1.0 | 31 October 2022 | DCO Application |
| 2.0 | 3 August 2023 | Deadline 2 |
| 3.0 | 11 December 2023 | Deadline 9 |

Lower Thames Crossing

6.2 Environmental Statement

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

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1 Environmental Masterplan: Section 14

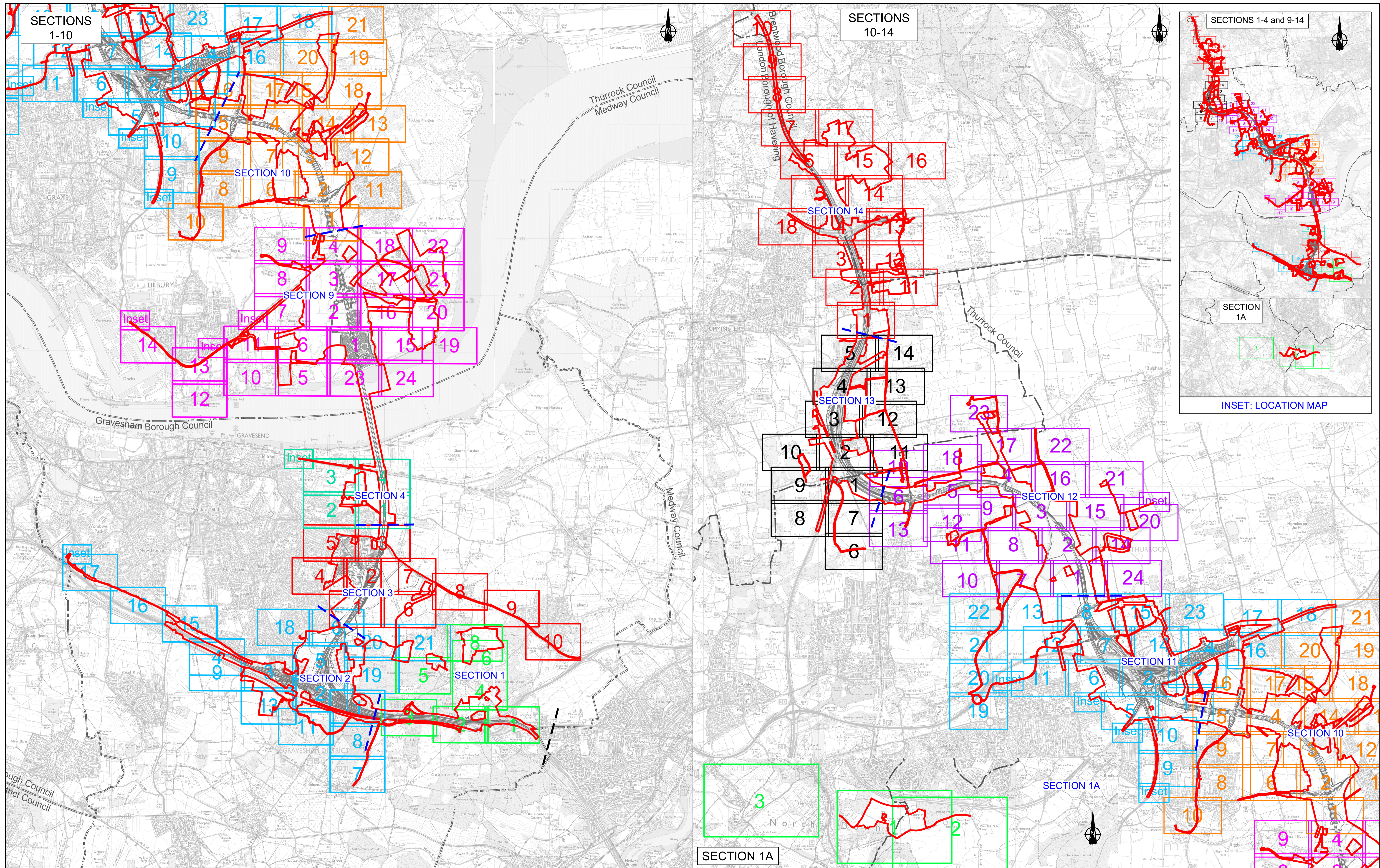
1.1 Schedule of Plans included in this application document

1.2 Section 14 (Sheets 1-18)

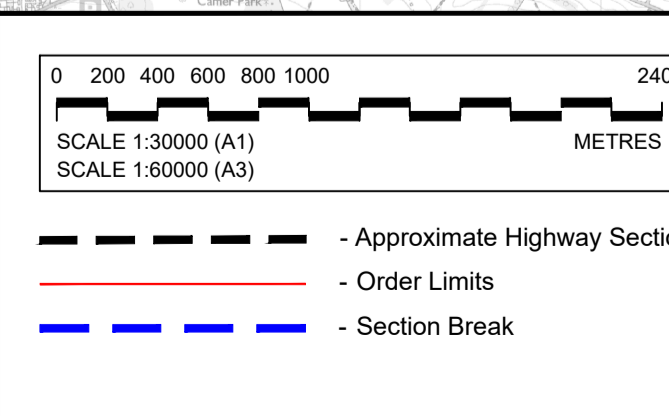
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| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00001 - Section Overview | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00002 - Section 14 Sheet 1 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00003 - Section 14 Sheet 2 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00004 - Section 14 Sheet 3 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00005 - Section 14 Sheet 4 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00006 - Section 14 Sheet 5 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00007 - Section 14 Sheet 6 | TR010032/APP/6.2 | P03 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00008 - Section 14 Sheet 7 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00009 - Section 14 Sheet 8 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00010 - Section 14 Sheet 9 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00011 - Section 14 Sheet 10 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00012 - Section 14 Sheet 11 | TR010032/APP/6.2 | P02 |

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| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00013 - Section 14 Sheet 12 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00014 - Section 14 Sheet 13 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00015 - Section 14 Sheet 14 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00016 - Section 14 Sheet 15 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00017 - Section 14 Sheet 16 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00018 - Section 14 Sheet 17 | TR010032/APP/6.2 | P02 |
| HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ- 00019 - Section 14 Sheet 18 | TR010032/APP/6.2 | P02 |

1.3 Scheme Overview



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



| Section Layout Key: | |
|---|---|
| 1 | Section S1 (Sheets 1 - 8) |
| 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

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

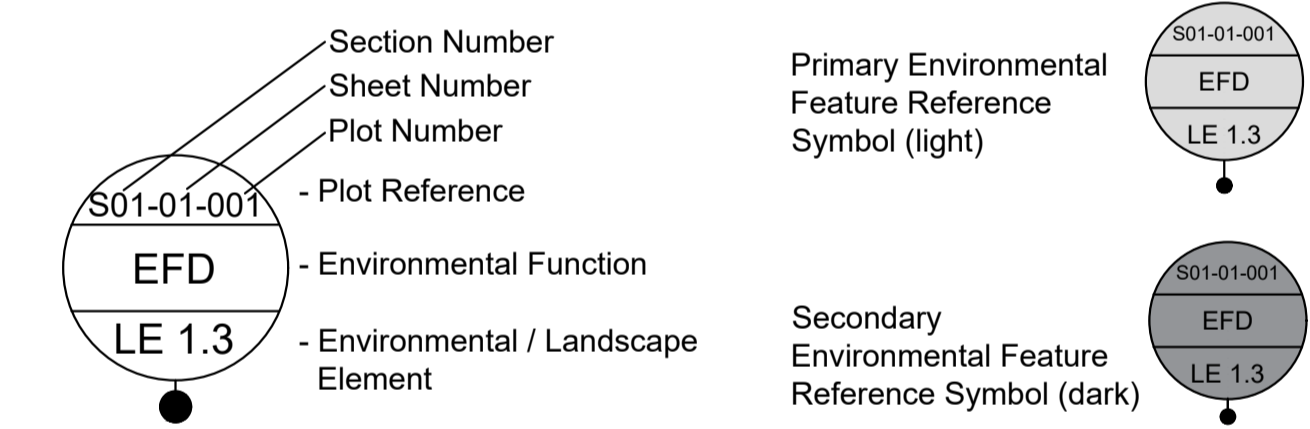
The outline Landscape and Ecology Management Plan (LEMP) separately sets out the proposed management for the environmental / landscape elements shown on the Environmental Masterplan. The Environment Masterplan secures the spatial extent and location of the environmental / landscape elements detailed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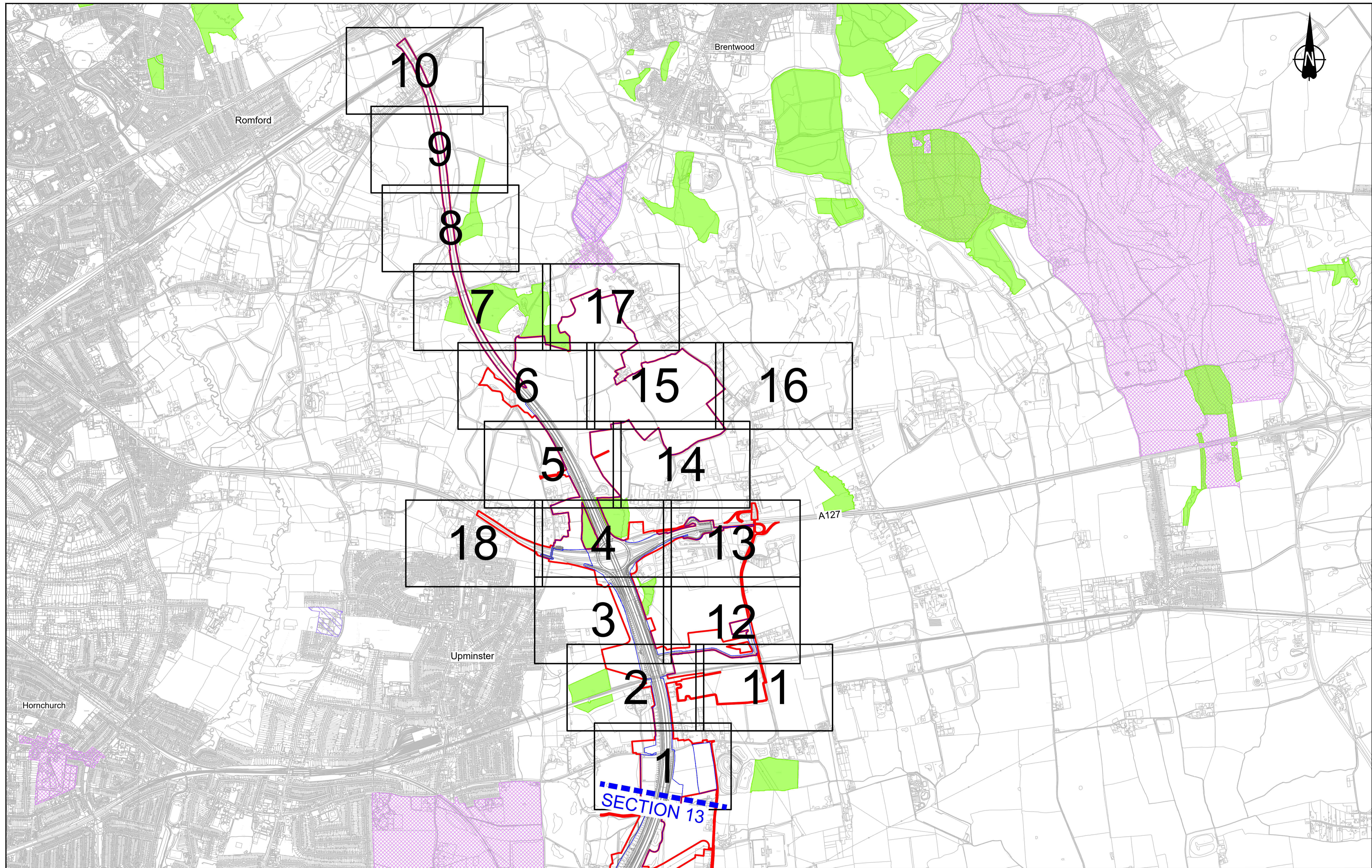
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|-----|--------|------------|----------------------|
| P01 | S2 | 27/10/2022 | LD |
| P02 | S8 | 11/12/2023 | Deadline 9 GH1 RO BF |
| Rev | Status | Rev. Date | Purpose of revision |
| | | | Drawn |
| | | | Check'd |
| | | | Apprv'd |

Client:

Project: LOWER THAMES CROSSING

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|-----------------------------|---|---------------|----------|----------|-----|
| 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 14



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

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|-----|--------|------------|---------------------|-------|--------|---------|
| P01 | S2 | 25/10/2022 | DCO Application | LD | PS | MH |
| P02 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chck'd | Apprv'd |

LEGEND

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

Client

Project

LOWER THAMES CROSSING

| | | | | | |
|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | AS SHOWN | | |
| Drawing title | ENVIRONMENTAL MASTERPLAN OVERVIEW PLAN SECTION 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 | 03/08/2023 | Deadline 2 | PS | SK | BF |
| P03 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |

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

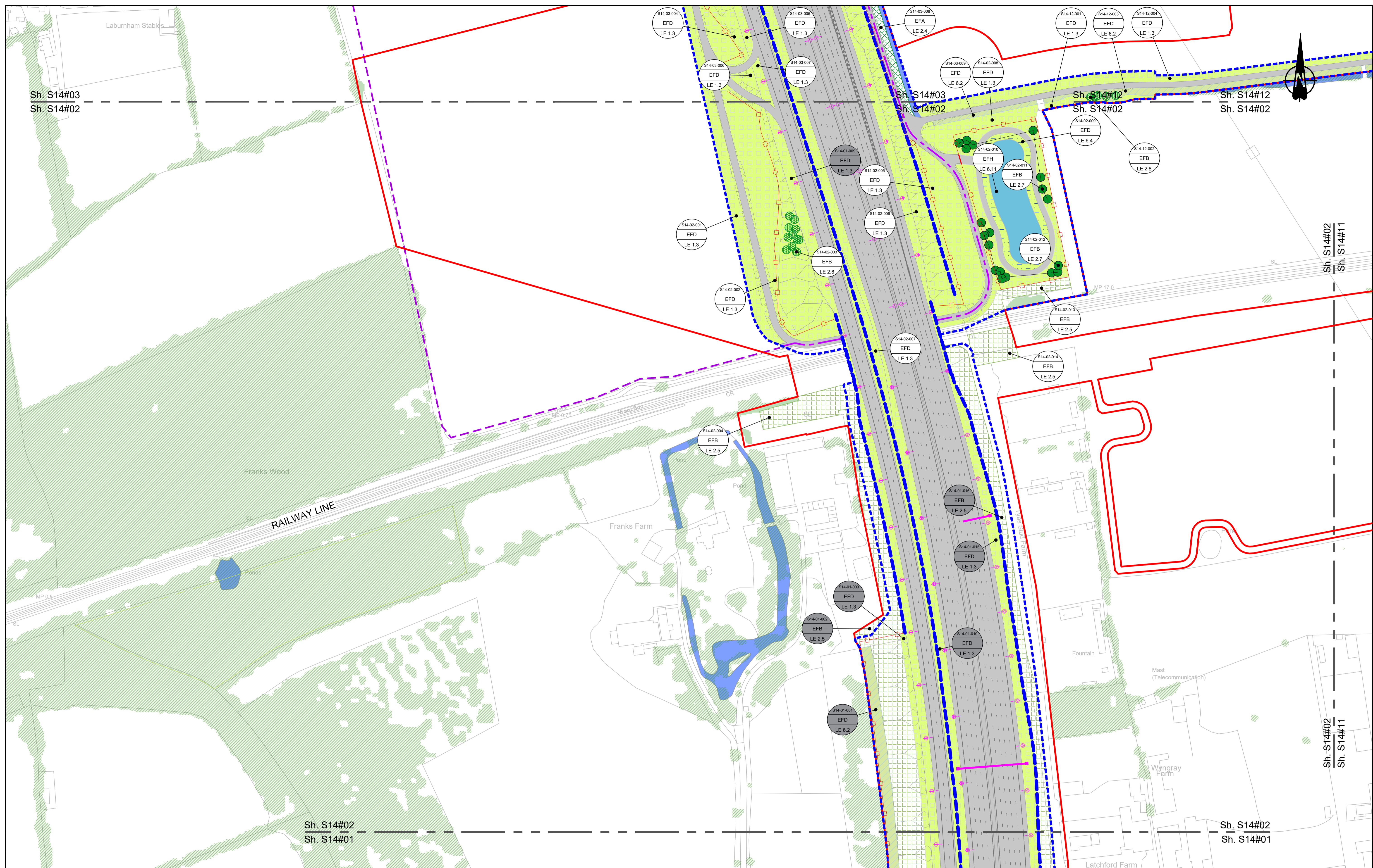
| | | | | | | |
|--|---|---|--|---|--|--|
| <p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower 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) 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 | <ul style="list-style-type: none"> E 3.2 Ecological Fencing (inc. highway boundary fence) E 3.2 Barn Owl Box |
|--|---|---|--|---|--|--|

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 14 SHEET 1 | | |
| 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.

| | | | | | | |
|-----|----|------------|-----------------|-----|----|----|
| P01 | S2 | 25/10/2022 | DCO Application | SA | PS | MH |
| P02 | S9 | 03/08/2023 | Deadline 2 | PS | SK | BF |
| P03 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |

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

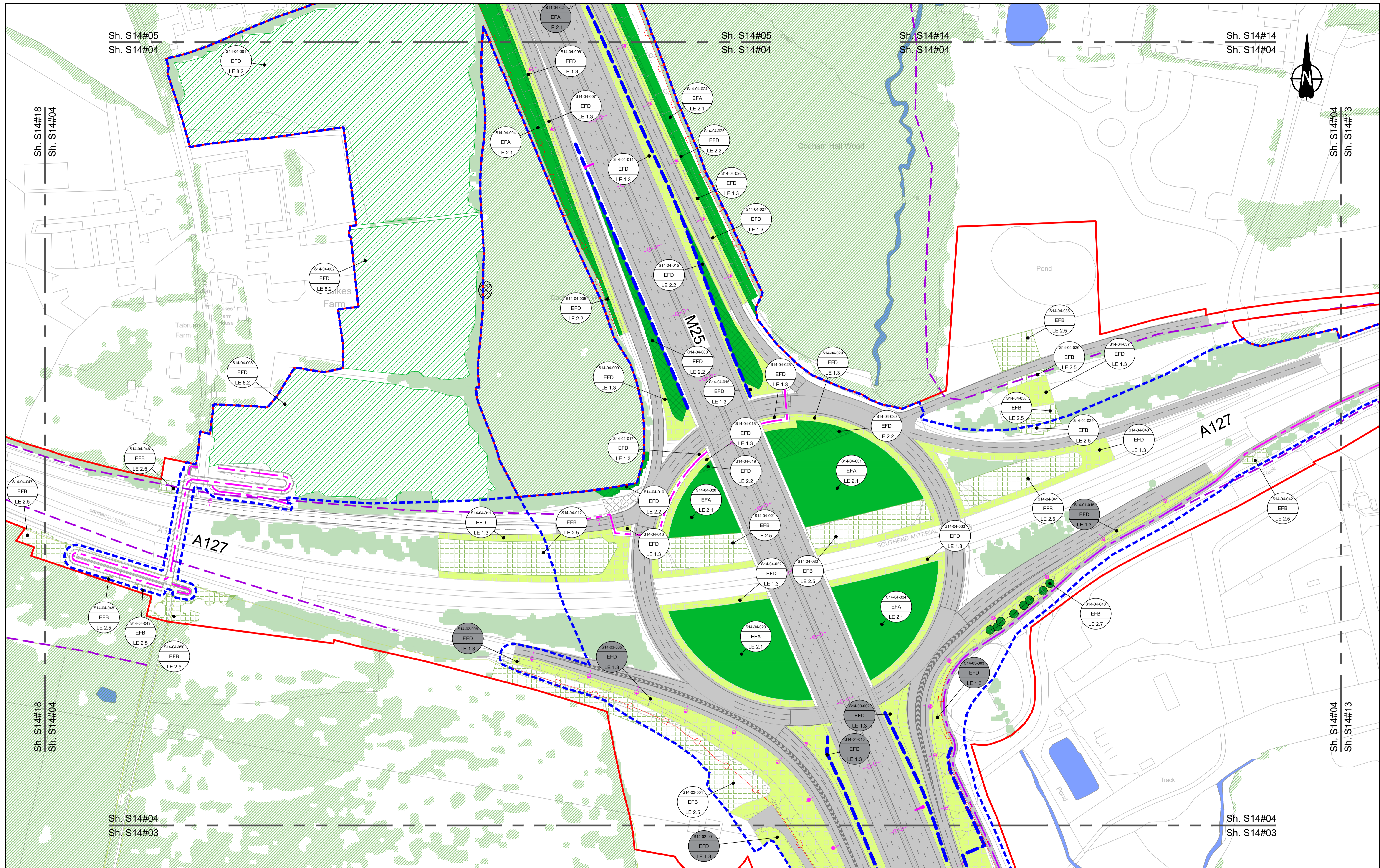
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|--|---|--|---|---|--|--|--|---|--|
| Order Limits - Order Limits - Permanent Acquisition of Land | Grassland (LE 1) - LE 1.3 Species Rich Grassland - LE 1.31 Species Rich Chalk Grassland - LE 1.32 Species Rich Annual Wildflower Grassland - LE 1.4 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 | 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 - LE 6.2 Banks and Ditches - LE 6.21 Banks and Ditches - High Tide Roost Features | Ecological Habitats (LE 8) - LE 8.1 Open Mosaic Habitat - LE 8.2 Ancient Woodland Compensation Planting - LE 8.3 Woodland Mitigation Planting - LE 8.4 Wetland / Fenland Creation - LE 8.5 Ecology Pond (indicative symbol only) - LE 8.6 Acid Grassland Soil Salvage | Hard Landscape Features (LE 7) - LE 7.4 Reinforced Earth Bund - Earthworks - Proposed Contours | 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) | 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) |
|--|---|--|---|---|--|--|--|---|--|

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 14 SHEET 2 | | |
| Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00003 | | |

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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 | 03/08/2023 | Deadline 2 | PS | SK | BF |
| P03 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |

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|-----|--------|-----------|---------------------|-------|---------|---------|
| 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).

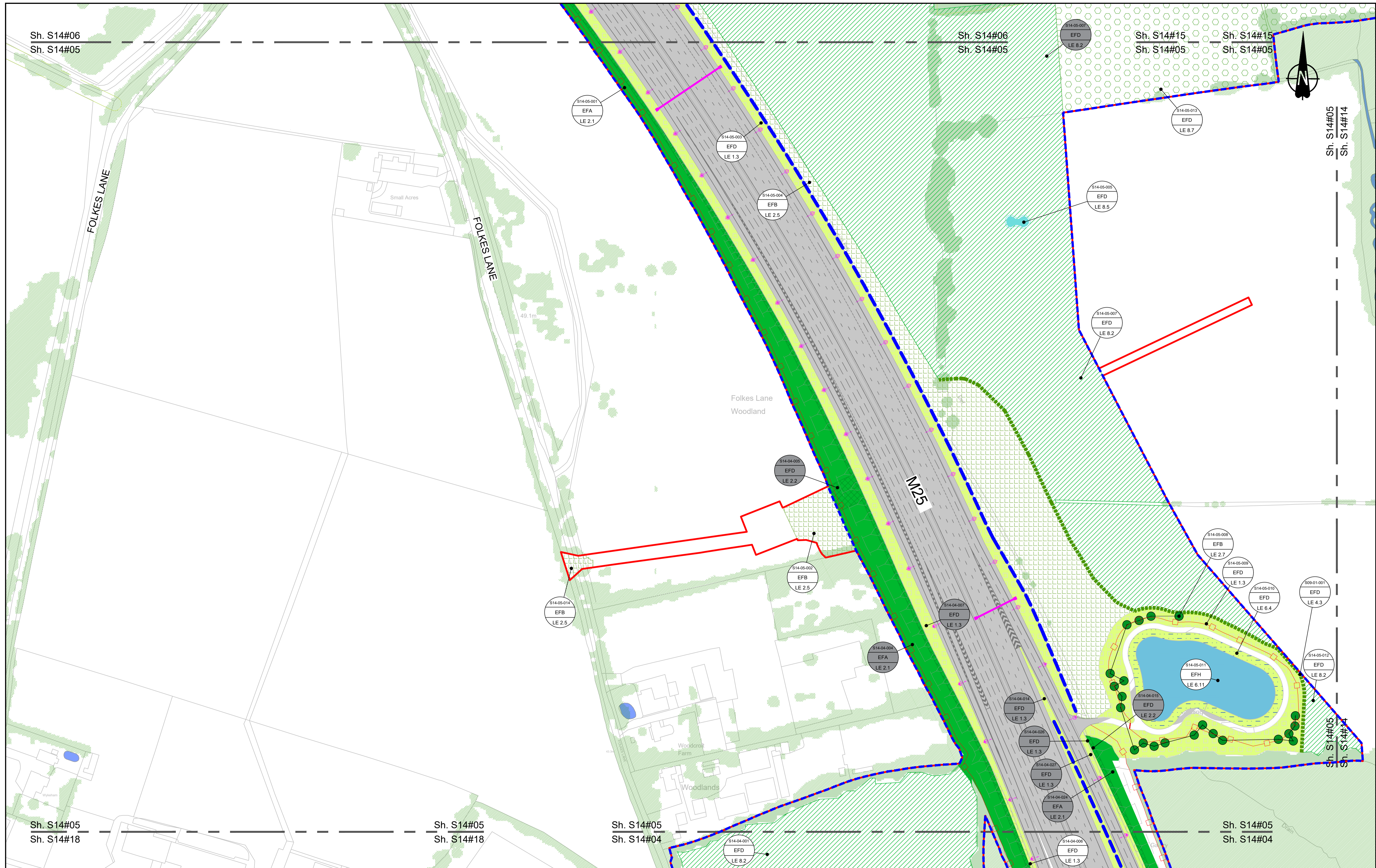
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|--|--|---|---|---|--|
| Order Limits | Planting (LE 2) | Individual Trees (LE 5) | Ecological Habitats (LE 8) | Noise (E 1) | Ecological (E 3) |
| Order Limits | LE 2.1 Woodland | LE 5.1 Individual Trees | LE 8.1 Open Mosaic Habitat | LE 8.7 Nitrogen 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 5.11 Water Bodies - Standing Water | LE 8.2 Ancient Woodland Compensation Planting | E 1.2 Acoustic Barrier-Built Elements (Typically inc. Highway boundary fence) | E 3.2 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 | Water (E 2) | E 3.2 Bat Owl Box |
| LE 1.3 Species Rich Grassland | LE 2.2 Woodland Edge | LE 6.1 Marsh and Wet Grassland - Coastal Grazing Marsh | LE 8.4 Wetland / Fenland Creation | Flood Compensation Areas (E 2-FCA) | E 3.2 Bat Boxes |
| LE 1.31 Species Rich Chalk Grassland | LE 2.22 Scrub Woodland | LE 6.12 Water Bodies and Associated Plants - Shallow Scrape | LE 8.5 Ecology Pond (indicative symbol only) | Flood Defence (E 2-FD) | E 3.2 Bat Block |
| LE 1.32 Species Rich Annual Wildflower Grassland | LE 2.4 Linear Belt of Shrubs and Trees | LE 6.2 Banks and Ditches - High Tide Roost Features | Hard Landscape Features (LE 7) | | |
| LE 1.4 Rock and Scree | | LE 7.4 Reinforced Earth Band | Earthworks | | |
| | | LE 4.3 Native Species Hedge (untimmed) | Proposed Contours | | |
| | | LE 4.4 Native Hedgerow With Trees | | | |

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 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 | S8 | 03/08/2023 | Deadline 2 | PS | SK | BF |
| P03 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |

| Rev | Status | Rev. Date | Purpose of revision | Drawn | 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).

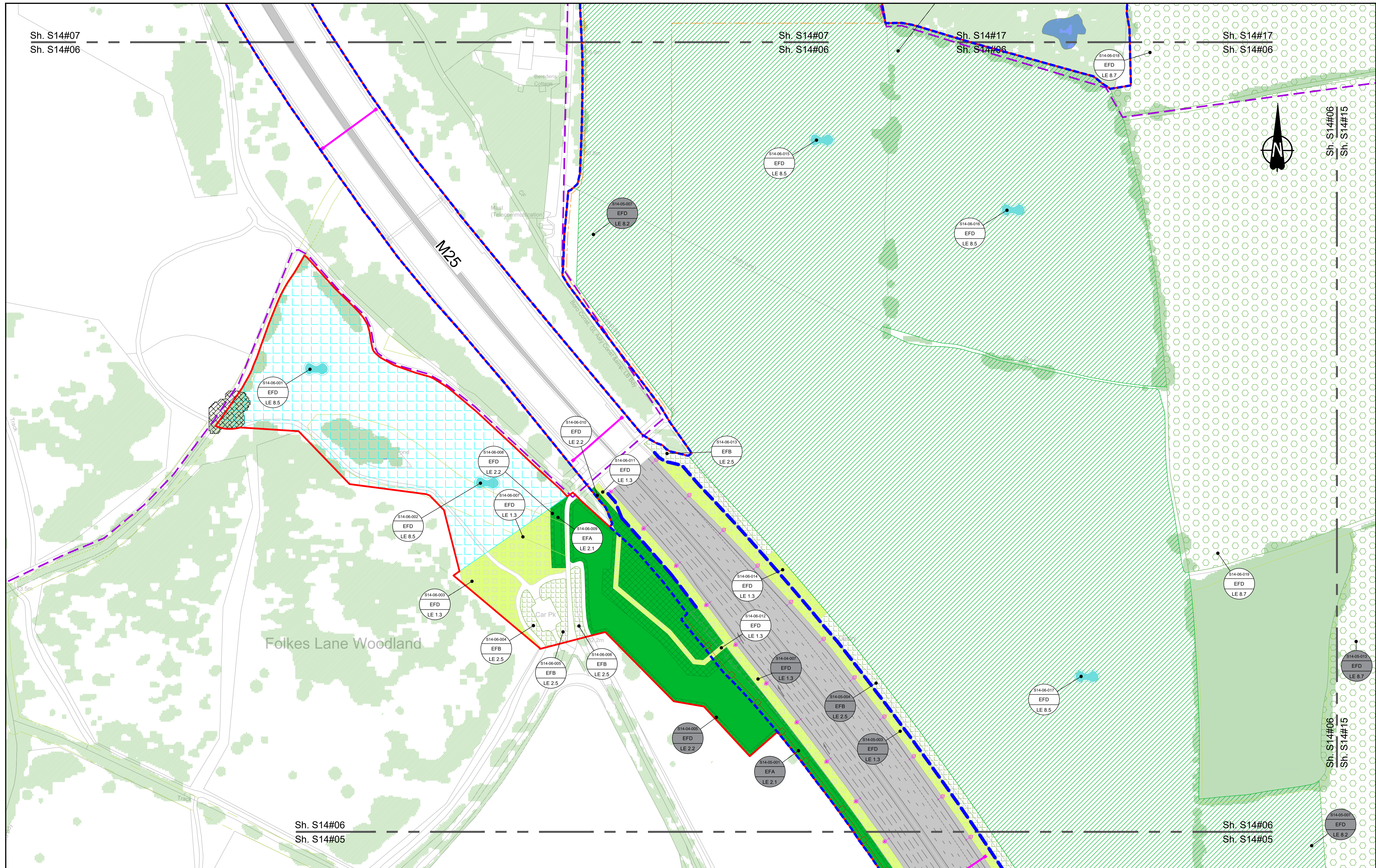
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|--|--|--|---|---|--|--|--|--|
| Order Limits Permanent Acquisition of Land | Planting (LE 2) LE 2.1 Woodland LE 2.11 Woodland With Non-Native Species LE 2.14 Wet / Carr Woodland LE 2.2 Woodland Edge LE 2.22 Scrub Woodland LE 2.4 Linear Belt of Shrubs 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 (untrimmied) 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 | Noise (E 1) E 1.2 Acoustic Barrier-Built Elements (typically inc. Highway boundary fence) Water (E 2) LE 8.7 Nitrogen Deposition (NDEP) Compensation Area 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) |
|--|--|--|---|---|--|--|--|--|

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 14 SHEET 5 | | | |
| Drawing Number: HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00006 | | | |

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0 10 20 30 40 50 60 70 80 90 100
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 | DCO Application | SA | PS | MH |
| P02 | S9 | 03/08/2023 | Deadline 2 | PS | SK | BF |
| P03 | S8 | 11/12/2023 | Deadline 9 | GH1 | RO | BF |

| | | | | | | |
|-----|--------|-----------|---------------------|-------|--------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | 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).

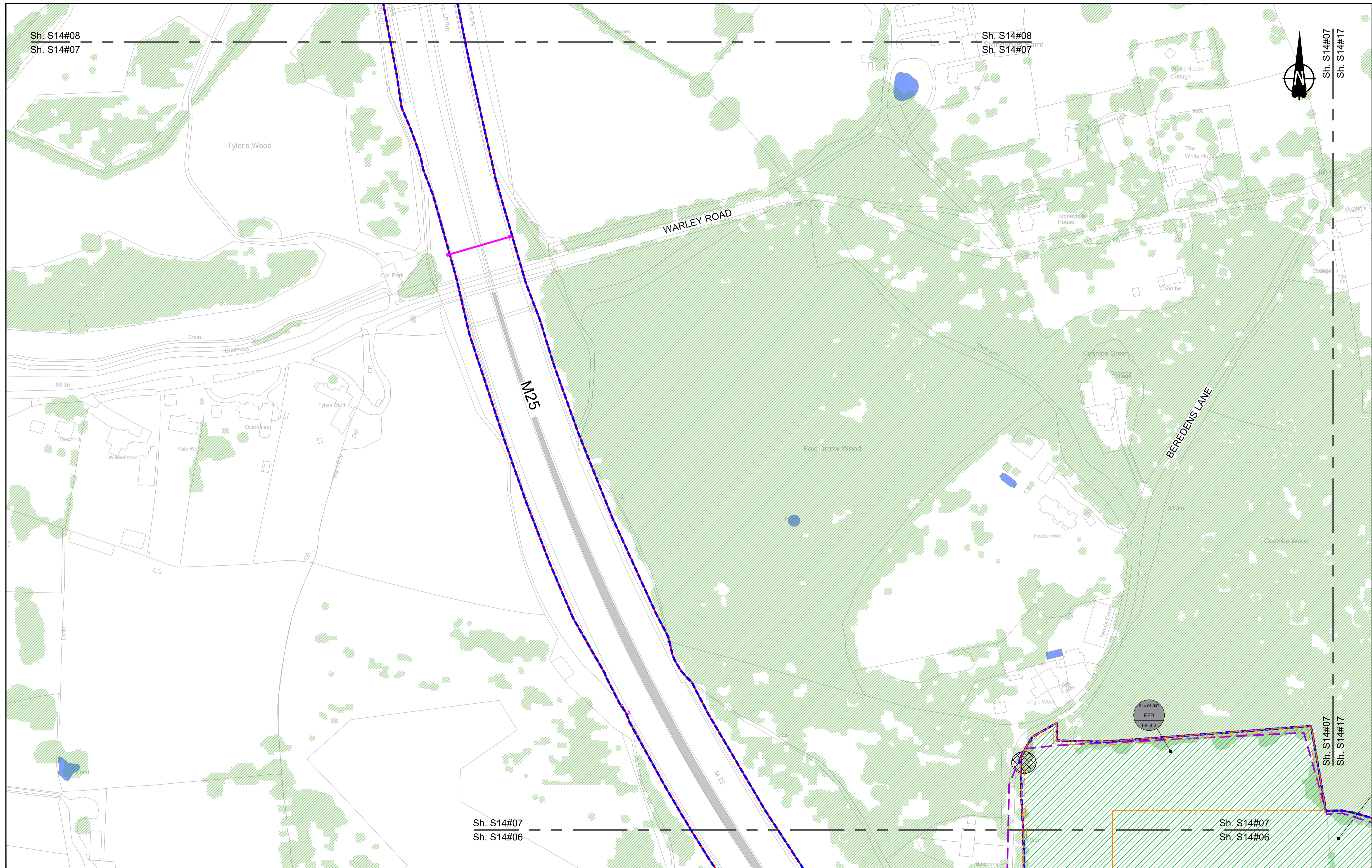
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|--|--|--|---|---|
| <p>Order Limits</p> <p>Permanent Acquisition of Land</p> <p>Grassland (LE 1)</p> <p>LE 1.3 Species Rich Grassland</p> <p>LE 1.31 Species Rich Chalk Grassland</p> <p>LE 1.32 Species Rich Annual Wildflower Grassland</p> <p>LE 1.4 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 (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</p> <p>LE 6.2 Banks and Ditches</p> <p>LE 6.21 Banks and Ditches - High Tide Roost Features</p> <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 Band</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>LE 8.5 Ecology Pond (indicative symbol only)</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> |
|--|--|--|---|---|

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 14 SHEET 6 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00007 | | | | |

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00007.dwg



Sh. S14#08
Sh. S14#07

Sh. S14#08
Sh. S14#07

Sh. S14#07
Sh. S14#17

Sh. S14#07
Sh. S14#06

Sh. S14#07
Sh. S14#06

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 | PS | MH | SK |
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | 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).

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| <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 (untrimm'd) 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 Scraps LE 6.2 Barks 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>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 Ecology Pond E 3.2 Bat Barn Block | <ul style="list-style-type: none"> E 3.2 Barn Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence) |
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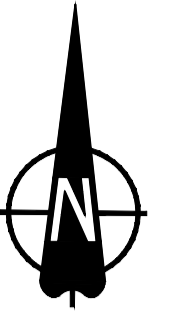
Client: **national highways**

Project: **LOWER THAMES CROSSING**

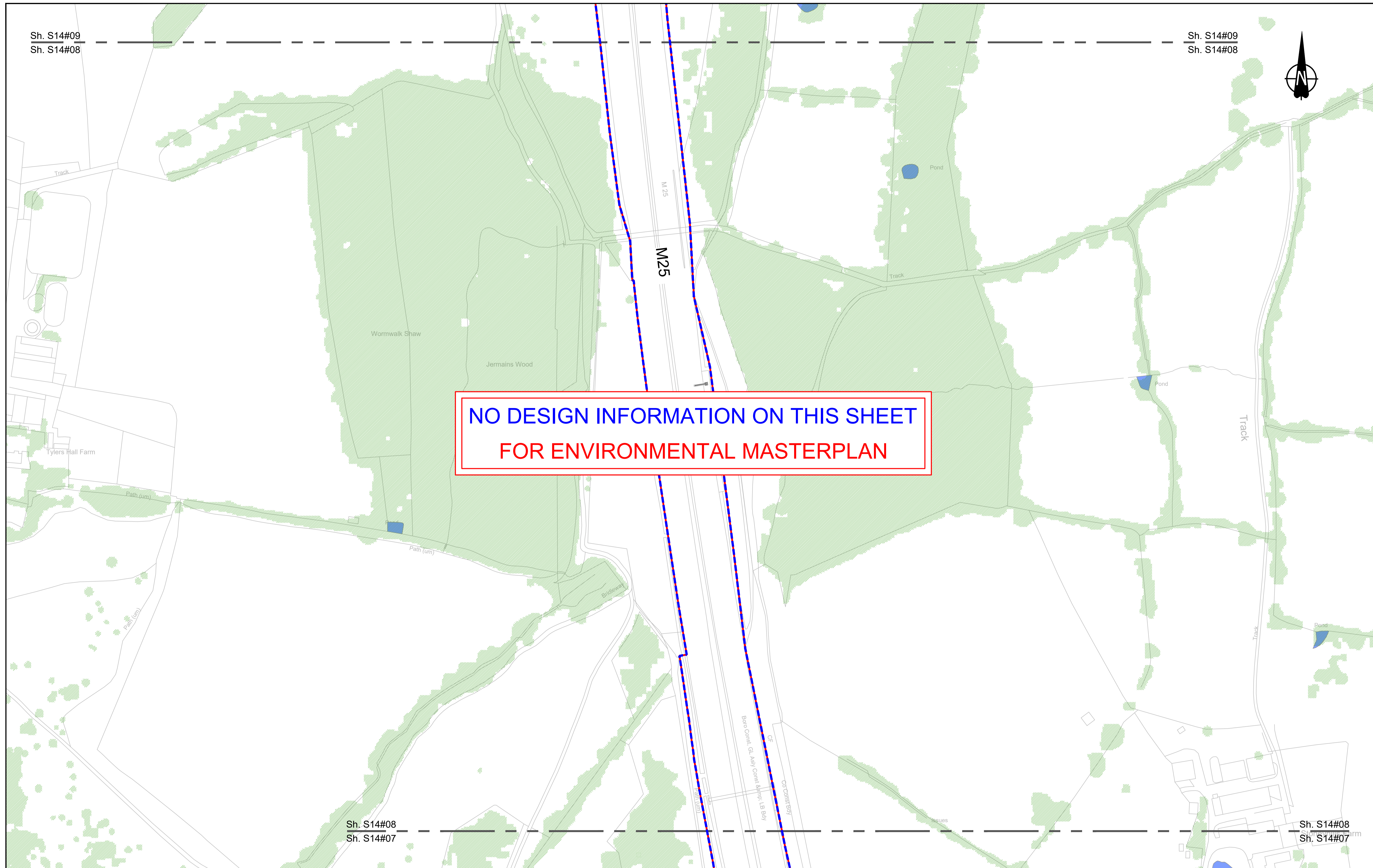
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| Status | DCO Examination | Original Size | A1 | Revision | R02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| Drawing title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 7 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00008 | | | | |

Sh. S14#09
Sh. S14#08

Sh. S14#09
Sh. S14#08



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



Sh. S14#08
Sh. S14#07

Sh. S14#08
Sh. S14#07

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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 | PS | MH | SK |
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | 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-SZZ_EN000000_Z-DR-ZZ-00001).

| | | | |
|--|--|---|---|
| Order Limits | Planting (LE 2) | LE 2.5 Shrubs With Intermittent Trees | Individual Trees (LE 5) |
| Permanent Acquisition of Land | LE 2.1 Woodland | LE 2.7 Scattered Trees | LE 5.1 Individual Trees |
| Grassland (LE 1) | LE 2.11 Woodland With Non-Native Species | LE 2.8 Scrub / Scattered Scrub | Wetland Habitats (LE 6) |
| LE 1.3 Species Rich Grassland | LE 2.14 Wet / Carr Woodland | Hedges (LE 4) | LE 6.1 Marsh and Wet Grassland - Coastal Grazing Marsh |
| LE 1.31 Species Rich Chalk Grassland | LE 2.2 Woodland Edge | LE 4.3 Native Species Hedge (untrimmed) | LE 6.11 Water Bodies - Standing Water |
| LE 1.32 Species Rich Annual Wildflower Grassland | LE 2.22 Scrub Woodland | LE 4.4 Native Hedgerow With Trees | LE 6.12 Water Bodies and Associated Plants - Shallow Scrape |
| LE 1.4 Rock and Scree | LE 2.4 Linear Belt of Shrubs and Trees | Hard Landscape Features (LE 7) | LE 6.2 Barks and Ditches |
| | | LE 7.4 Reinforced Earth Band | Earthworks |
| | | Earthworks | LE 7.4 Reinforced Earth Band |
| | | Proposed Contours | LE 6.21 Banks and Ditches - High Tide Root Features |

| | | |
|---|---|--|
| 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 Ecological Fencing (inc. highway boundary fence) |
| LE 8.3 Woodland Mitigation Planting | Water (E 2) | E 3.2 Bat Boxes |
| LE 8.4 Wetland / Farmland Creation | Flood Compensation Areas (E 2-FCA) | 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 | | |

| | | |
|--|---|---|
| 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 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 Ecological Culvert | E 3.2 Ecological Culvert | E 3.2 Bat Barn Block |
| E 3.2 Ecological Culvert | E 3.2 Ecological Culvert | E 3.2 Bat Barn Block |

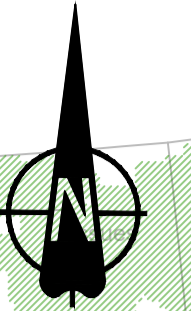
Client

Project LOWER THAMES CROSSING

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|-----------------------------|---|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | R02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| Drawing title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 8 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00009 | | | | |

Sh. S14#10
Sh. S14#09

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Sh. S14#09



NAGS HEAD LANE

M25

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FOR ENVIRONMENTAL MASTERPLAN

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.

| P01 | S2 | 25/10/2022 | DCO Application | PS | MH | SK |
|-----|--------|------------|---------------------|-------|------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | 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-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 Chalk Grassland | LE 2.14 Wet / Carr Woodland | LE 6.11 Water Bodies - Standing Water |
| LE 1.32 Species Rich Annual Wildflower Grassland | LE 2.2 Woodland Edge | LE 6.12 Water Bodies and Associated Plants - Shallow Scrape |
| LE 1.4 Rock and Scree | Hedges (LE 4) | LE 6.2 Banks and Ditches |
| | LE 4.3 Native Species Hedge (untrimm'd) | LE 6.21 Banks and Ditches - High Tide Root Features |
| | LE 4.4 Native Hedgerow With Trees | Hard Landscape Features (LE 7) |
| | LE 2.4 Linear Belt of Shrubs and Trees | LE 7.4 Reinforced Earth Band |
| | | Earthworks |
| | | Proposed Contours |

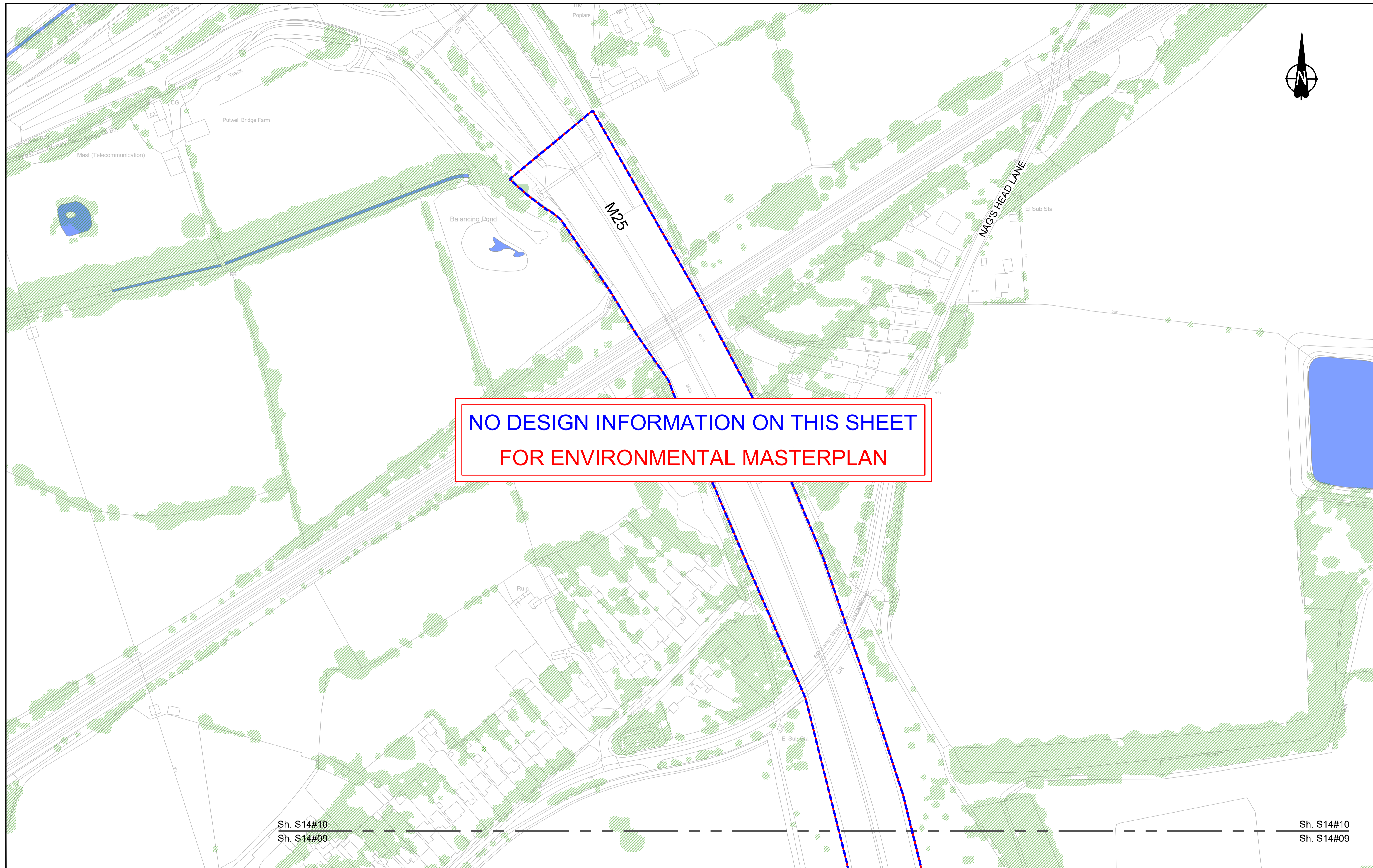
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| Ecological Habitats (LE 8) | Noise (E 1) | Ecological (E 3) |
| LE 8.1 Open Mosaic Habitat | LE 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) | E 3.2 Ecological Habitat Creation and Receptor sites for Protected Species |
| LE 8.2 Ancient Woodland Compensation Planting | Water (E 2) | E 3.2 Dormouse Boxes |
| LE 8.3 Woodland Mitigation Planting | LE 2.7 Flood Compensation Areas (E 2-FCA) | E 3.2 Bat Boxes |
| LE 8.4 Wetland / Farmland Creation | LE 2.8 Flood Defence (E 2-FD) | 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 | | |

| | |
|--|--|
| LE 8.7 Nitrogen Deposition (NDEP) Compensation Area | E 3.2 Barn Owl Box |
| LE 8.8 Nitrogen Deposition (NDEP) Compensation Area | E 3.2 Ecological Fencing (inc. highway boundary fence) |

Client:

Project: LOWER THAMES CROSSING

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|-----------------------------|---|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | R02 |
| Application Document Number | TR010032/APP/6.2 | 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**

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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.

| P01 | S2 | 25/10/2022 | DCO Application | PS | MH | SK |
|-----|--------|------------|---------------------|-------|------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv'd |

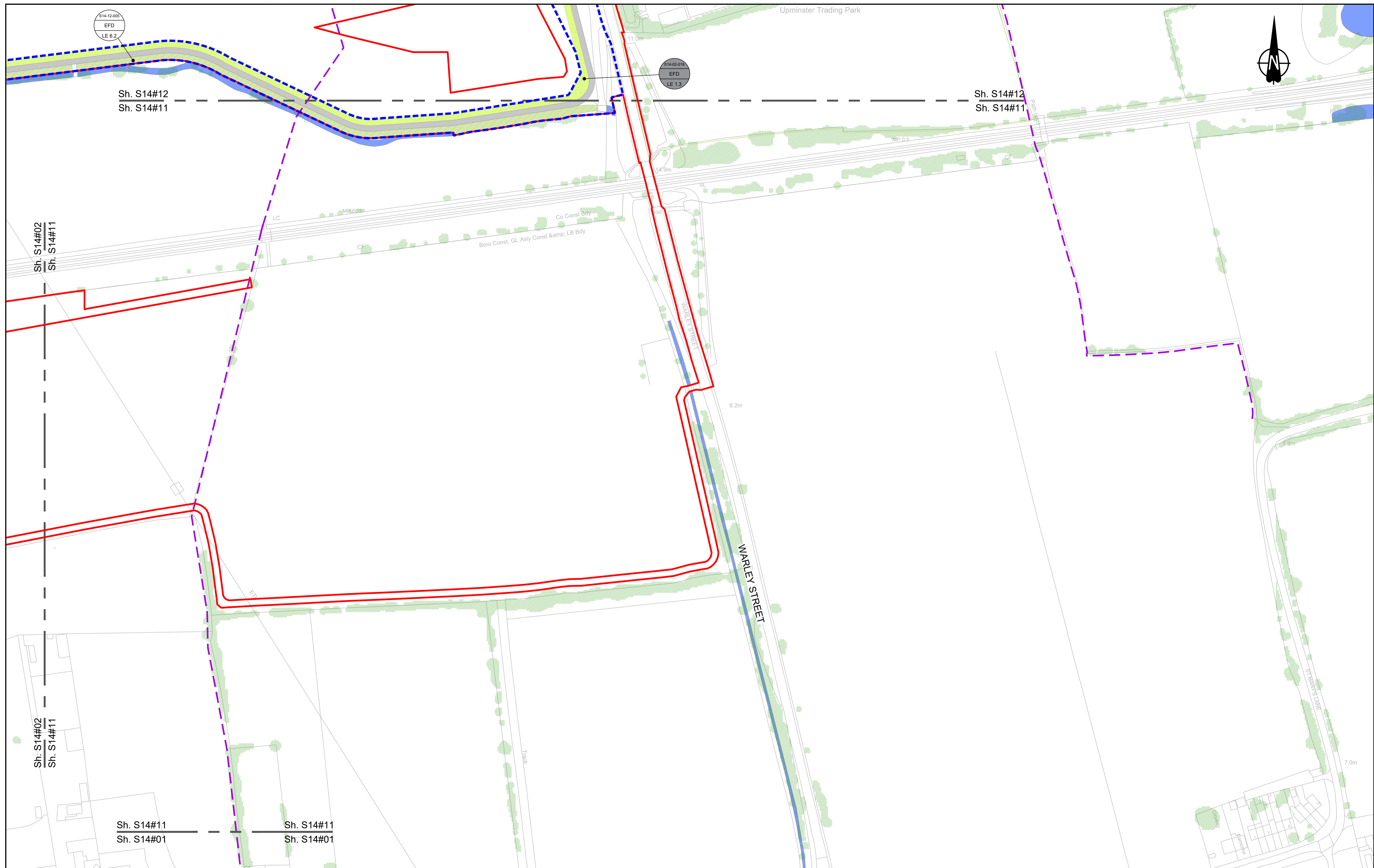
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

| | | | | | |
|--|---|--|---|---|--|
| <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 Chalk Grassland LE 1.31 Species Rich 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 Barks 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 / Farmland 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) 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 Bat Barn Block</p> <ul style="list-style-type: none"> E 3.2 Bat Barn Block E 3.2 Ecological Fencing (inc. highway boundary fence) |
|--|---|--|---|---|--|

Client: **national highways**

Project: **LOWER THAMES CROSSING**

| | | | | | |
|-----------------------------|---|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | R02 |
| Application Document Number | TR010032/APP/6.2 | 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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0 10 20 30 40 50 60 70 80 90 100
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 | DCO Application | PS | MH | SK |
|-----|--------|------------|---------------------|-------|---------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

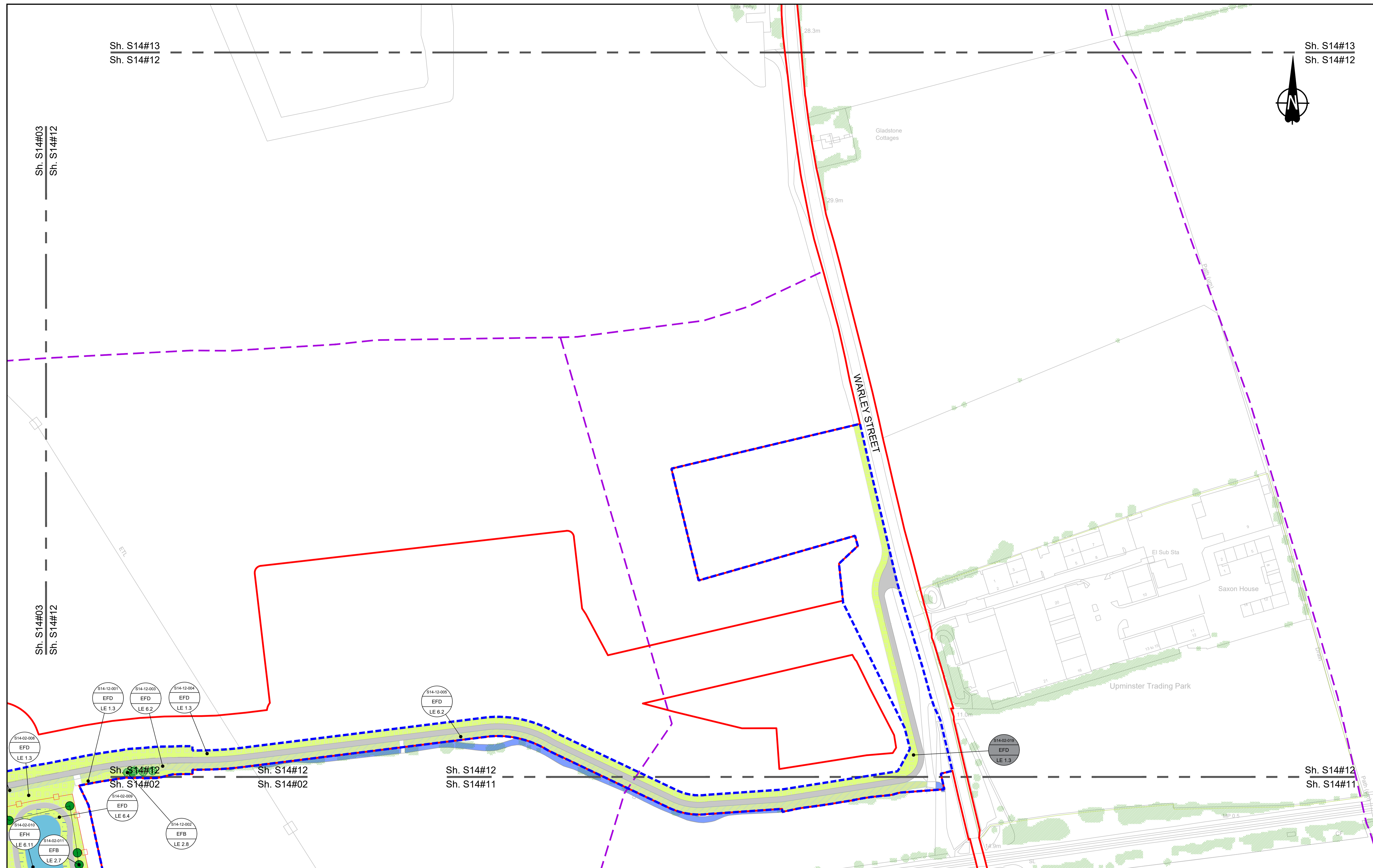
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZ, EN000000_Z-DR-ZZ-00001).

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| Order Limits Permanent Acquisition of Land | 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 (untrimm'd) 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 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

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|-----------------------------|--|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| Drawing Title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 11 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00012 | | | | |



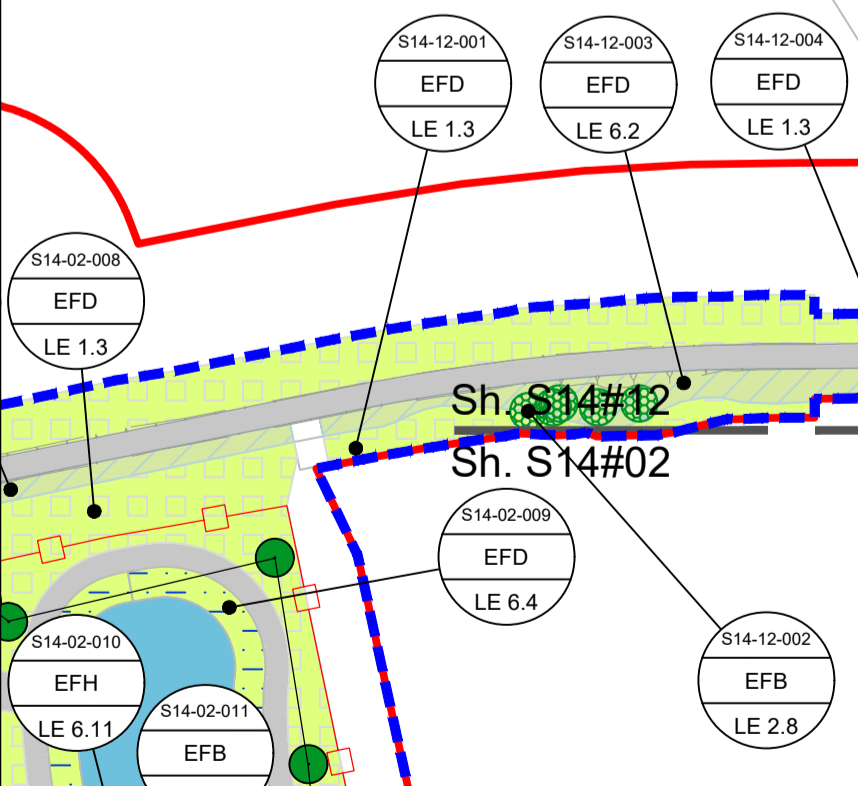
Sh. S14#13
Sh. S14#12

Sh. S14#13
Sh. S14#12

Sh. S14#03
Sh. S14#12

Sh. S14#03
Sh. S14#12

Sh. S14#12
Sh. S14#11



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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 | PS | MH | SK |
|-----|--------|------------|---------------------|-------|---------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

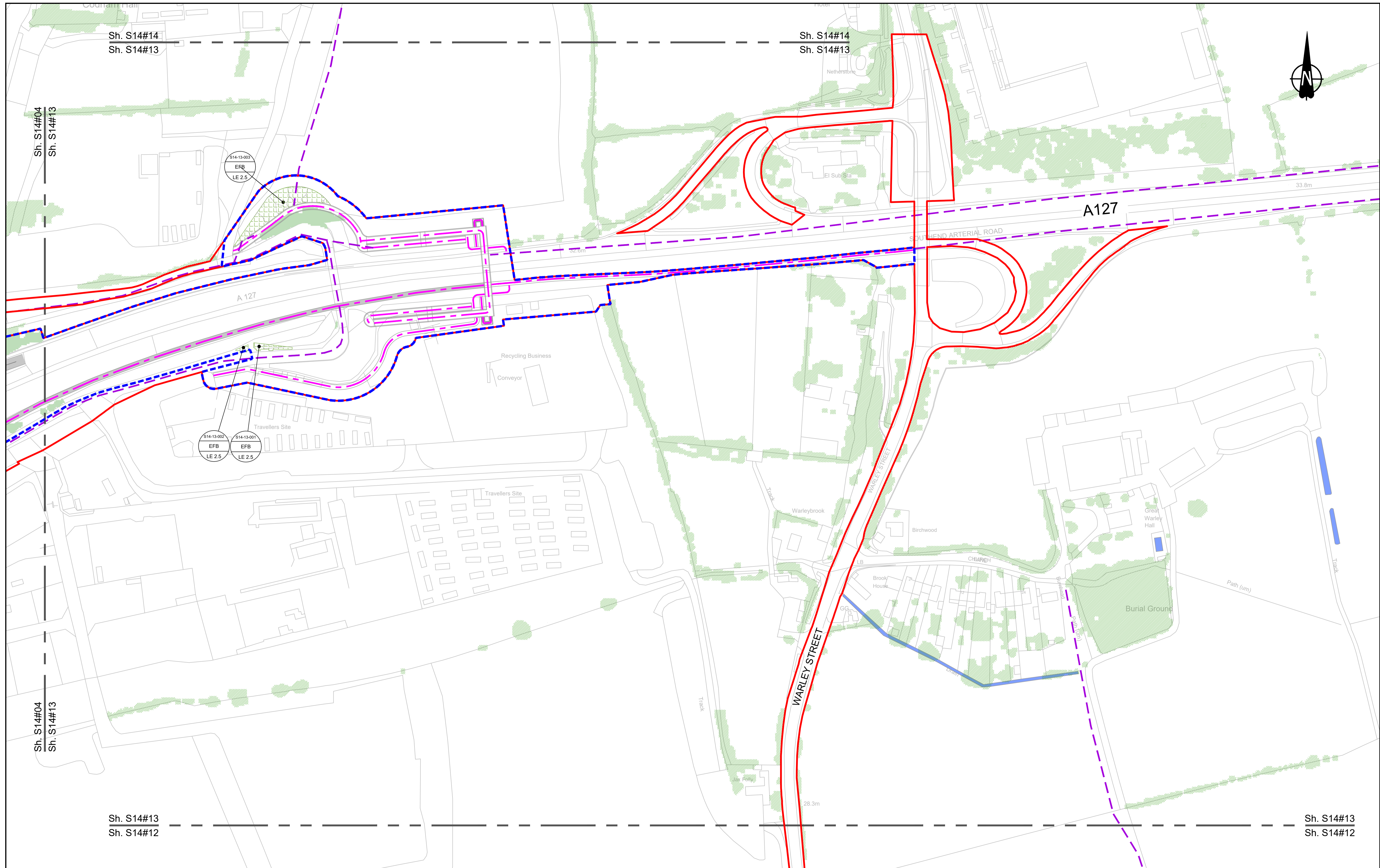
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

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| Order Limits Permanent Acquisition of Land | 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 (untrimm'd) 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-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 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) |
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | 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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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 | PS | MH | SK |
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

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

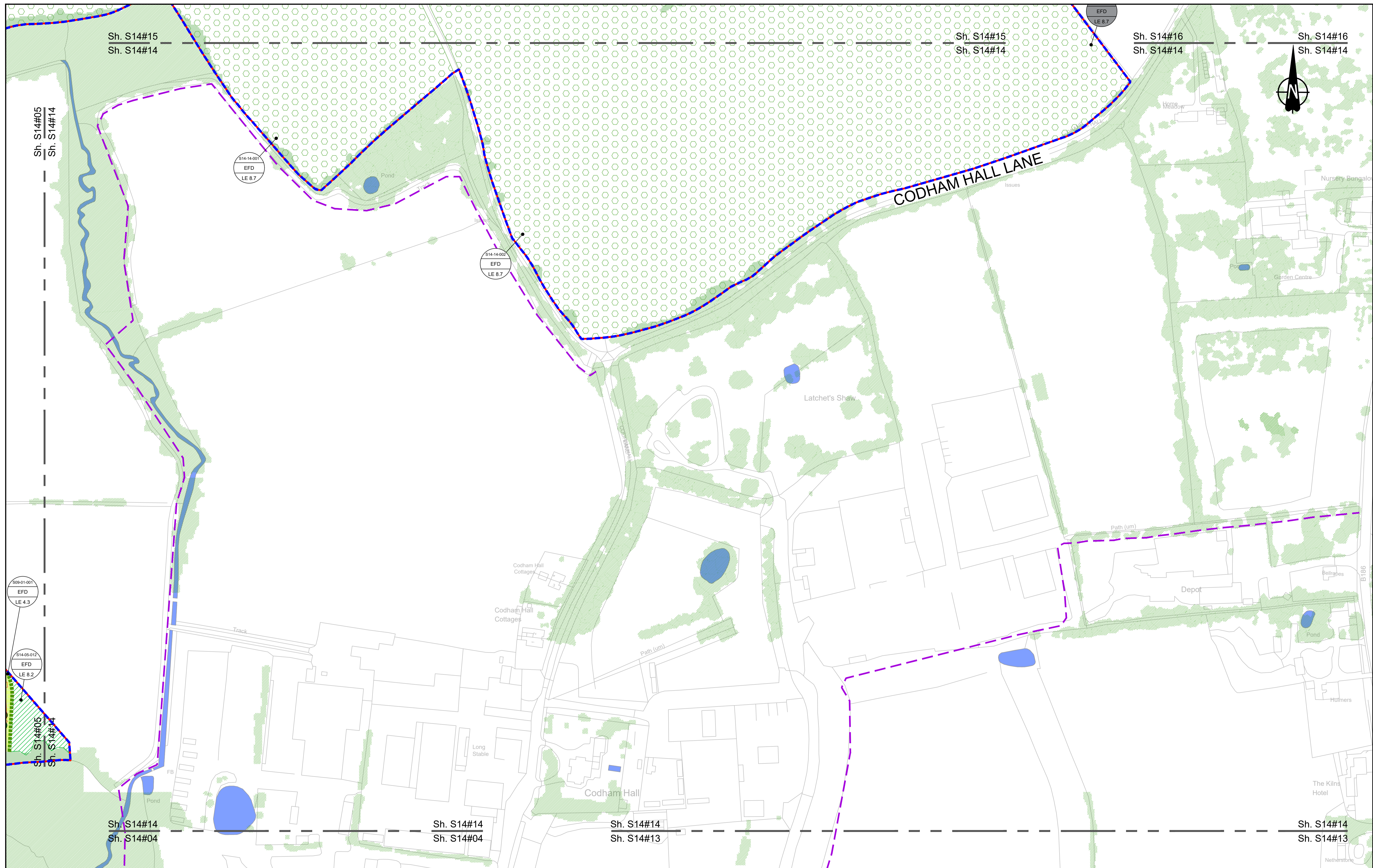
| | | | | |
|--|--|---|---|---|
| <p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower Grassland 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 (untrimsed) 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 | <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 |
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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|-----------------------------|---|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| Drawing Title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 13 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00014 | | | | |

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00014.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 | PS | MH | SK |
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

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

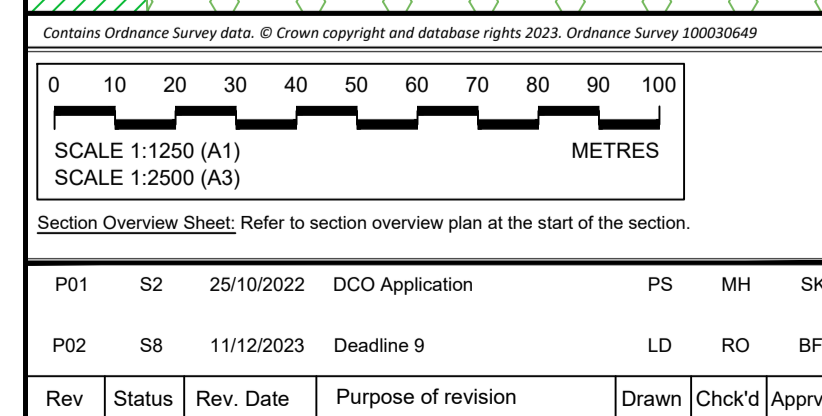
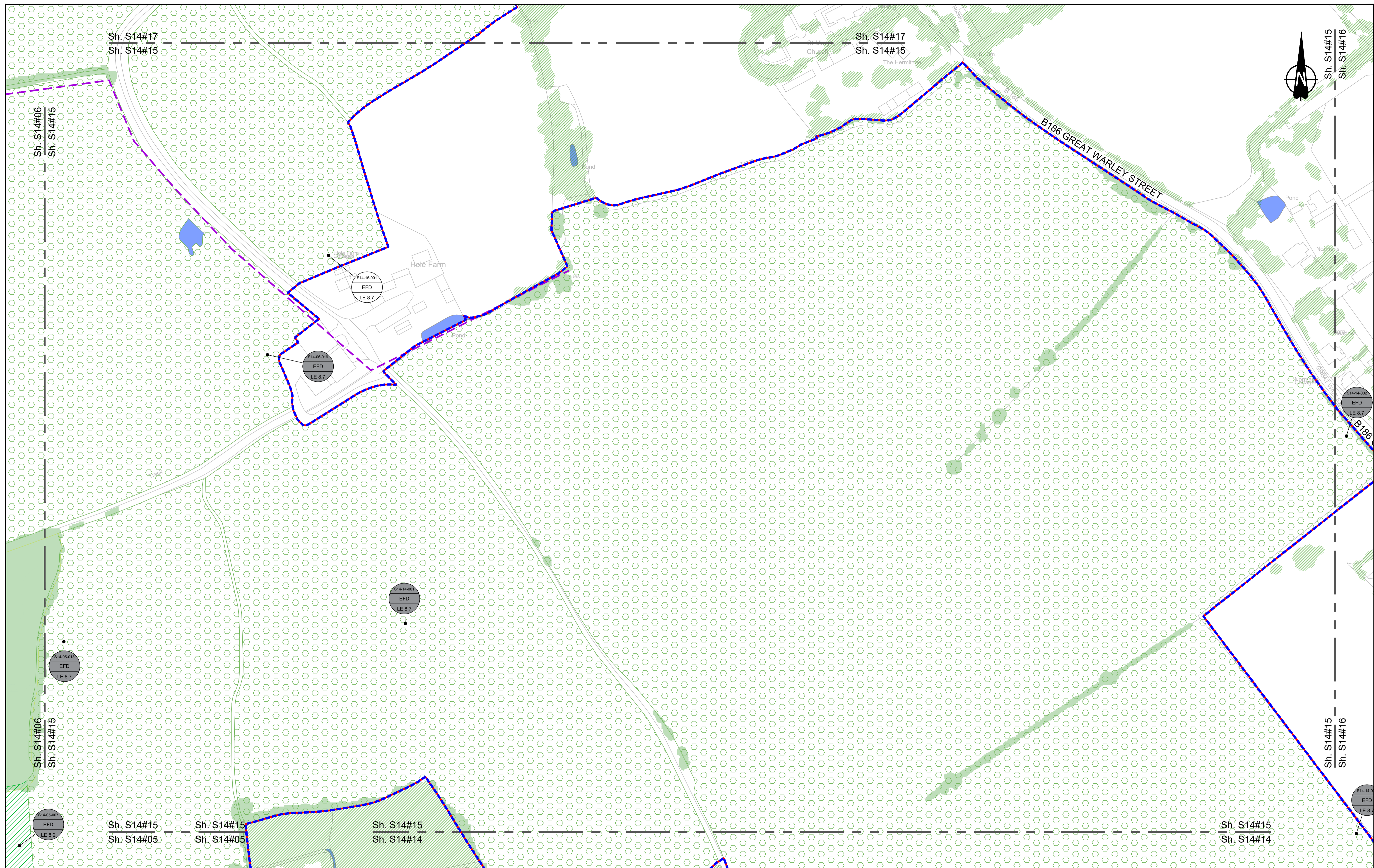
| | | | | | |
|--|---|--|---|---|---|
| <p>Order Limits</p> <ul style="list-style-type: none"> Order Limits Permanent Acquisition of Land <p>Grassland (LE 1)</p> <ul style="list-style-type: none"> LE 1.3 Species Rich Chalk Grassland LE 1.31 Species Rich Chalk Grassland LE 1.32 Species Rich Annual Wildflower 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>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 Ecological Fencing (inc. highway boundary fence) E 3.2 Bat Owl Box E 3.2 Ecological Fencing (inc. highway boundary fence) |
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Client

Project

LOWER THAMES CROSSING

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| Status | DCO Examination | Original Size | Revision |
| Application Document Number | TR010032/APP/6.2 | A1 | P02 |
| Scale | 1:1250 | | |
| Drawing Title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 14 | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00015 | | |



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

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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 Root Features LE 6.4 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 2.7 Nitrogen Deposition (NDEP) Compensation Area E 2.1 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) 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

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| Status: DCO Examination | Original Size: A1 | Revision: P02 |
| 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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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 | PS | MH | SK |
|-----|--------|------------|---------------------|-------|---------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

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

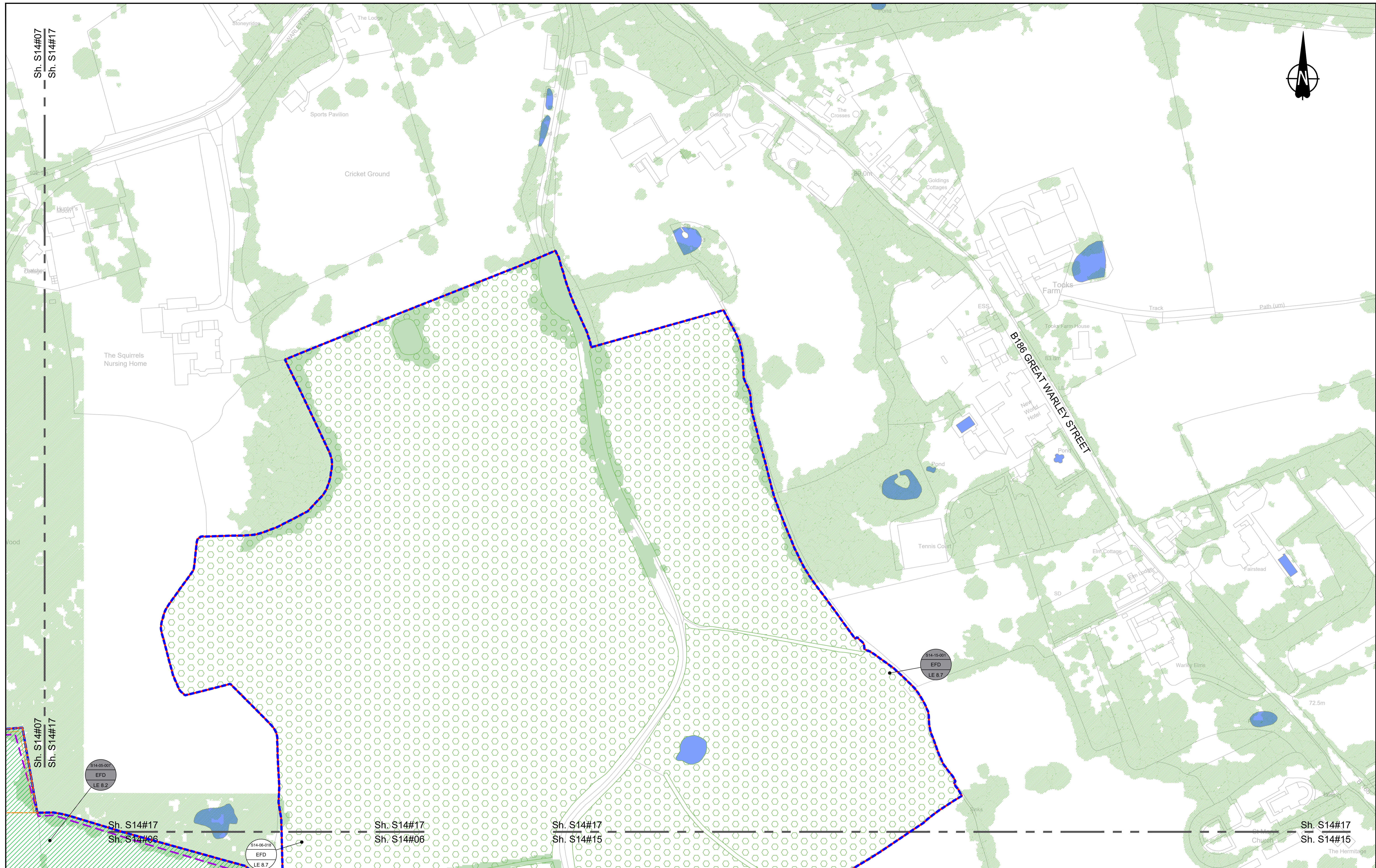
| | | | | | |
|---|--|--|--|--|--|
| Order Limits Permanent Acquisition of Land | Planting (LE 2) LE 2.1 Woodland LE 2.11 Woodland With Non-Native Species LE 2.14 Wet / Carr Woodland | LE 2.5 Shrubs With Intermittent Trees LE 2.7 Scattered Trees LE 2.8 Scrub / Scattered Scrub | Ecological Habitats (LE 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 | Water (E 2) LE 8.7 Nitrogen Deposition (NDEP) Compensation Area E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) 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 |
| 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 | LE 2.2 Woodland Edge LE 2.22 Scrub Woodland LE 2.4 Linear Belt of Shrubs and Trees | Hedges (LE 4) LE 4.3 Native Species Hedge (untrimmed) LE 4.4 Native Hedgerow With 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 | Noise (E 1) E 1.2 Acoustic Barrier-Built Elements (typically inc. highway boundary fence) | E 3.2 Ecological Fencing (inc. highway boundary fence) E 3.2 Barn Owl Box |
| | | Individual Trees (LE 5) LE 5.1 Individual Trees | Hard Landscape Features (LE 7) LE 7.4 Reinforced Earth Bund | | |
| | | 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 | Earthworks Proposed Contours | | |

Client: **national highways**

Project: **LOWER THAMES CROSSING**

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|-----------------------------|---|---------------|--------|----------|-----|
| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| Drawing Title | ENVIRONMENTAL MASTERPLAN SECTION 14 SHEET 16 | | | | |
| Drawing Number | HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00017 | | | | |

HE540039-CJV-EGN-S14_EN000000_Z-DR-ZZ-00017.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 | 27/10/2022 | DCO Application | PS | MH | SK |
|-----|--------|------------|---------------------|-------|---------|---------|
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

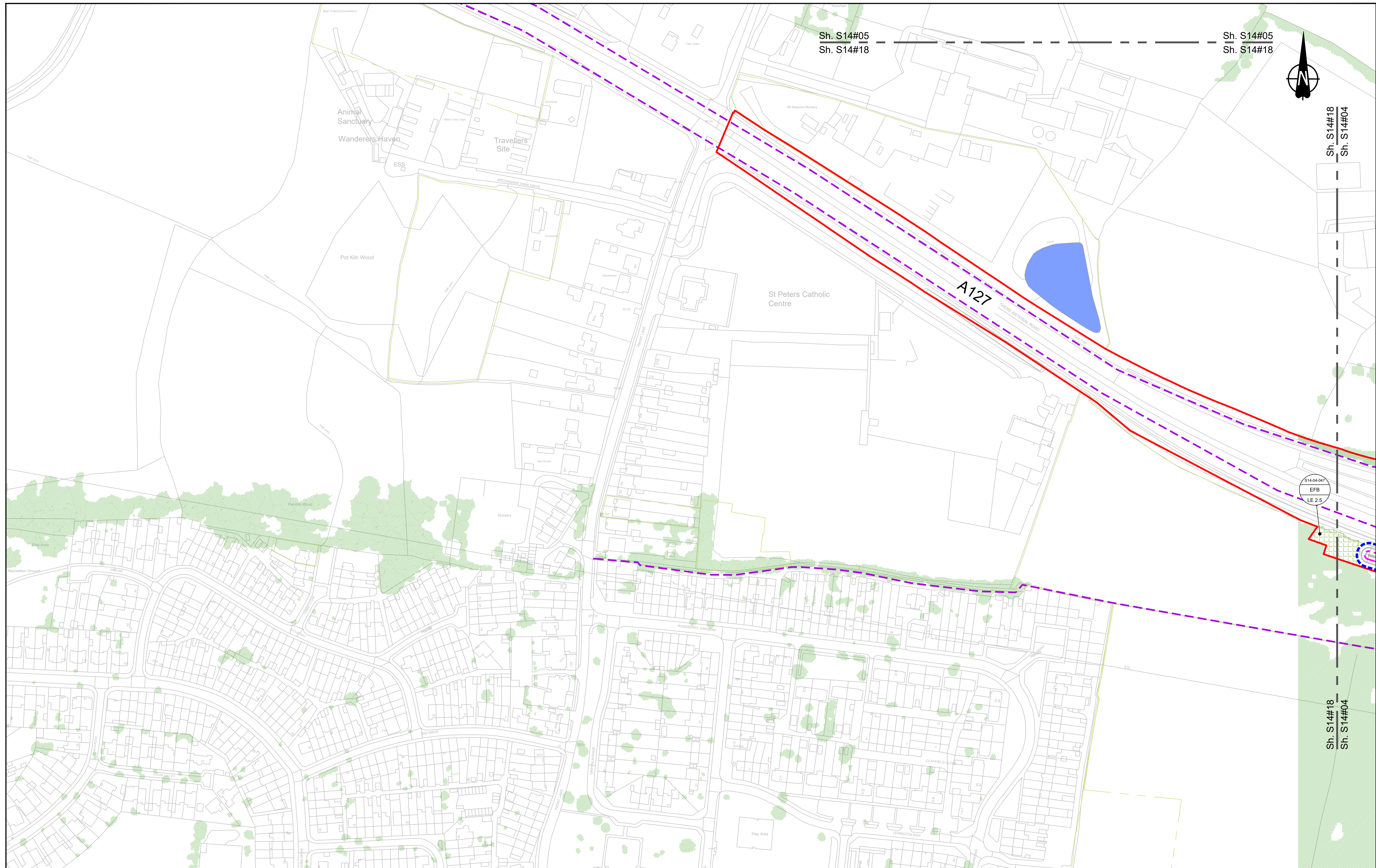
Environmental Mitigation Legend: Refer to Main Legend for baseline and scheme features (Dwg: HE540039-CJV-EGN-SZZ_EN000000_Z-DR-ZZ-00001).

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|--|---|--|---|---|--|--|--|---|
| 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-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 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) |
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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| Status | DCO Examination | Original Size | A1 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:1250 | | |
| 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

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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 | PS | MH | SK |
| P02 | S8 | 11/12/2023 | Deadline 9 | LD | RO | BF |

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | 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).

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| <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 (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 Barks 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 7.4 Reinforced Earth Band</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>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 Ecological Fencing (inc. highway boundary fence)</p> <p>E 3.2 Barn Owl Box</p> |
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Client: national highways

Project: LOWER THAMES CROSSING

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