

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010059

6.6 Landscape Mitigation Masterplan Part B

Rule 8(1)(C)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Examination Procedure) Rules
2010**

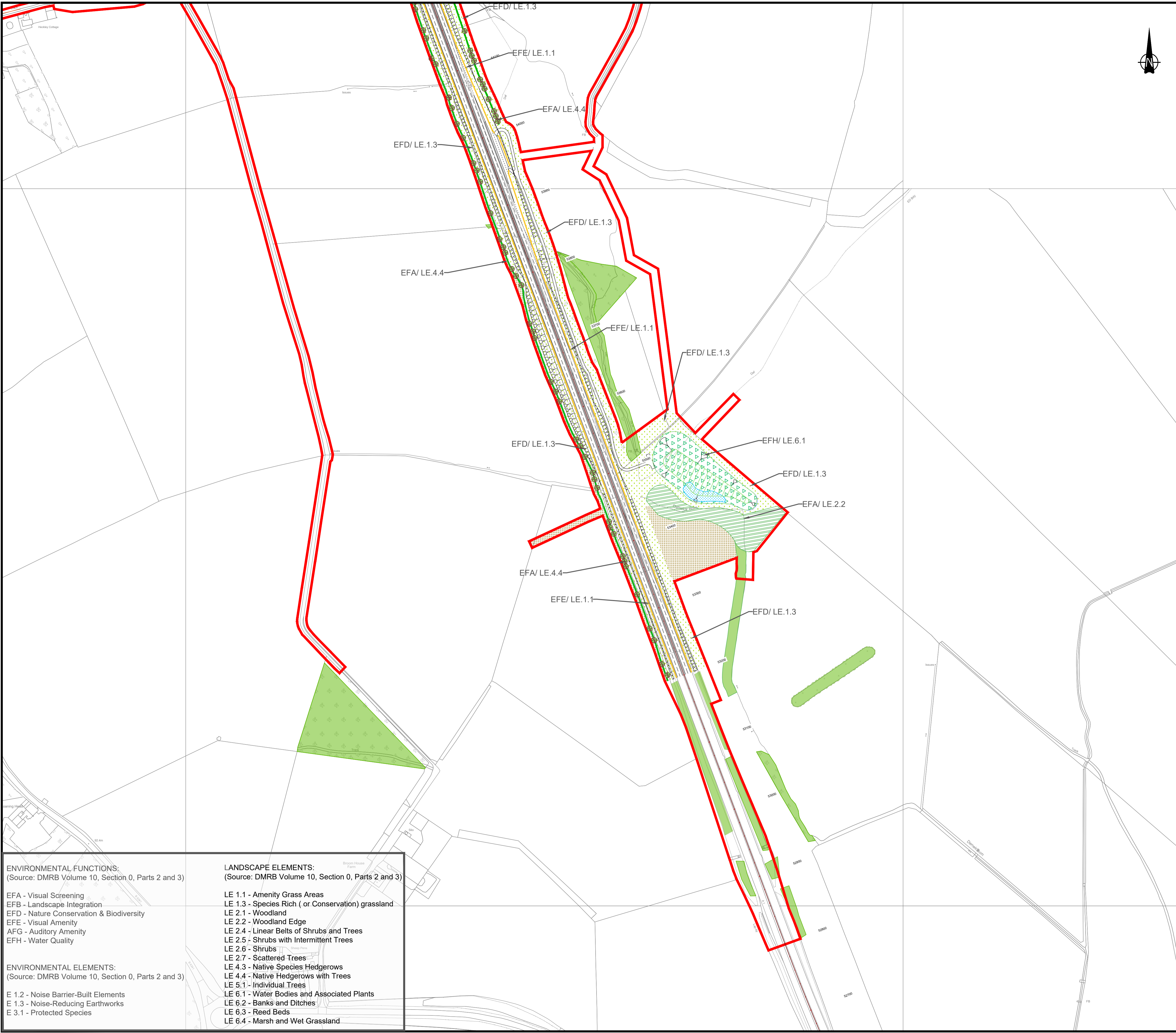
**The A1 in Northumberland: Morpeth to
Ellingham**






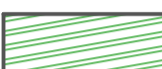







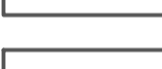

Development Consent Order 20[xx]

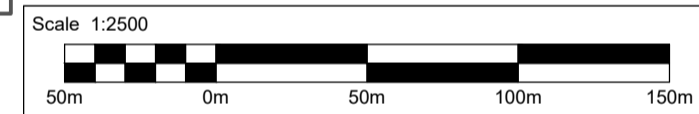
Landscape Mitigation Masterplan Part B

Rule Reference:	8(1)(c)
Planning Inspectorate Scheme Reference:	TR010059
Doc Reference:	6.6
Author:	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

Version	Date	Status of Version
Rev 3	May 2021	Deadline 8



-  Red Line Boundary
- Existing Vegetation**
-  Existing Habitats
-  Existing Hedgerow to be Retained
- Proposed Vegetation**
-  LE 1.1 Amenity Grass Areas
-  LE 1.3 Species Rich (or Conservation) Grassland
-  LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
-  LE 2.4 Linear Belts of Shrubs and Trees
-  LE 2.6 Shrubs
-  LE 2.7 Scattered Trees
-  LE 4.4 Native Hedgerows with Trees
-  LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)
-  Areas assumed to be return to agriculture
-  Ecological Mitigation: Indicative Bat Box Locations
-  Ecological Mitigation: Otter Fencing
-  Proposed amended earthwork contours



Rev.	Date	Description	By	Eng' Chk	Disc' App'd
P11	19/05/21	Ecological mitigation: otter fencing added	JD	AW	KS DM
P10	28/04/21	Changes to Linkhall Access Road	SL	AW	KS DM
P09	11/03/21	Earthworks amendments	NB	AW	KS DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS DM
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P06	10/02/2020	SIXTH DRAFT	LA	SL	AF AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF AF
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P03	03/12/2019	THIRD DRAFT	LA	SL	AF AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF AF

Suitability	DCO SUBMISSION	Status	S2
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PINS Reference Number **TR010041/APP/6.6**



Client **A1 in Northumberland Morpeth to Ellingham**

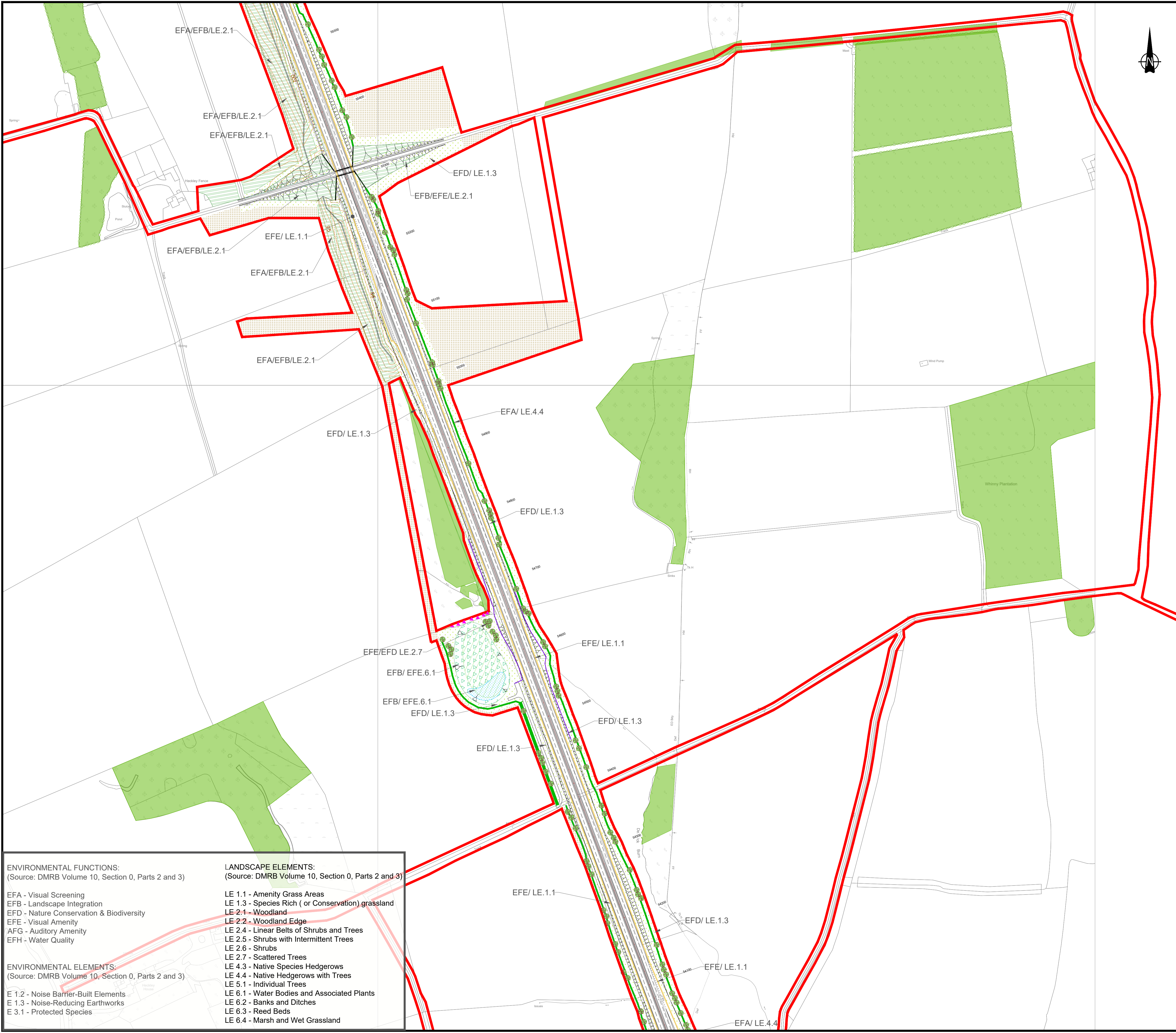
Drawing Title **LANDSCAPE MITIGATION PLAN SHEET 1 OF 7**

Scale	Drawn	Eng. Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
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Drawing Number	HE551459-WSP-ELS-A2E-DR-LE-1816	Revision	P11
		PW Stage Code	0

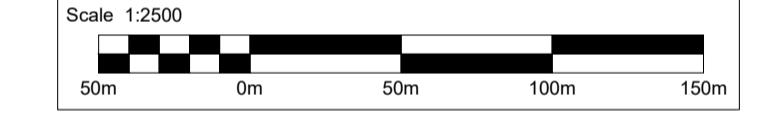
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| <p>ENVIRONMENTAL FUNCTIONS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</p> <ul style="list-style-type: none"> EFA - Visual Screening EFB - Landscape Integration EFD - Nature Conservation & Biodiversity EFE - Visual Amenity AFG - Auditory Amenity EFH - Water Quality <p>ENVIRONMENTAL ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</p> <ul style="list-style-type: none"> E 1.2 - Noise Barrier-Built Elements E 1.3 - Noise-Reducing Earthworks E 3.1 - Protected Species | <p>LANDSCAPE ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</p> <ul style="list-style-type: none"> LE 1.1 - Amenity Grass Areas LE 1.3 - Species Rich (or Conservation) grassland LE 2.1 - Woodland LE 2.2 - Woodland Edge LE 2.4 - Linear Belts of Shrubs and Trees LE 2.5 - Shrubs with Intermittent Trees LE 2.6 - Shrubs LE 2.7 - Scattered Trees LE 4.3 - Native Species Hedgerows LE 4.4 - Native Hedgerows with Trees LE 5.1 - Individual Trees LE 6.1 - Water Bodies and Associated Plants LE 6.2 - Banks and Ditches LE 6.3 - Reed Beds LE 6.4 - Marsh and Wet Grassland |
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Legend

- Red Line Boundary
- Existing Vegetation
 - Existing Habitats
 - Existing Hedgerow to be Retained
- Proposed Vegetation
 - LE 1.1 Amenity Grass Areas
 - LE 1.3 Species Rich (or Conservation) Grassland
 - LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
 - LE 2.4 Linear Belts of Shrubs and Trees
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P11	19/05/21	Ecological mitigation: otter fencing added	JD	AW	KS	DM
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P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF

Subsidiary	DCO SUBMISSION	Status	S2
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PINS Reference Number: TR010041/APP/6.6



Project Title: A1 in Northumberland Morpeth to Ellingham

Drawing Title: LANDSCAPE MITIGATION PLAN

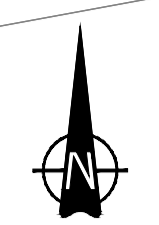
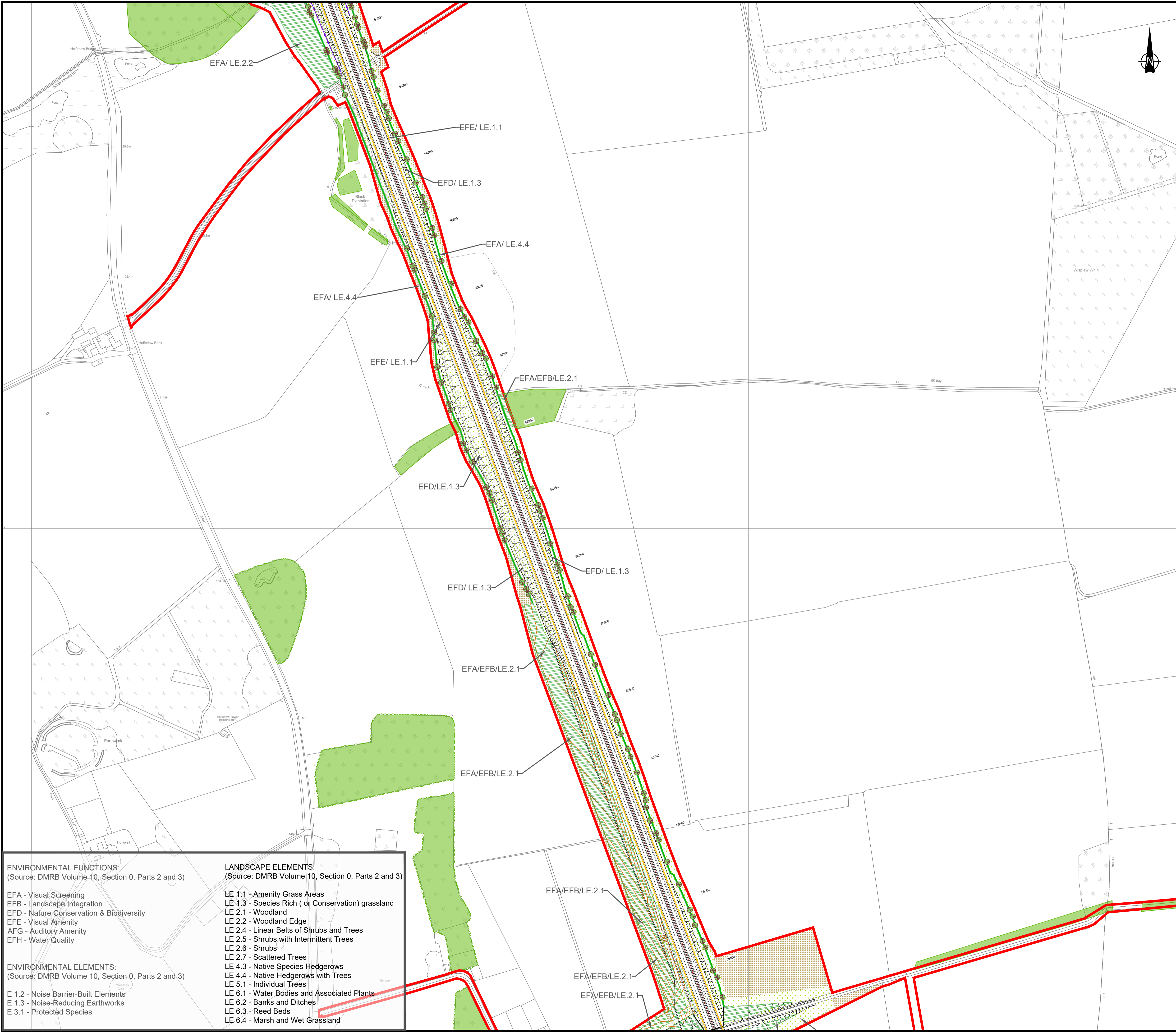
SHEET 2 OF 7

Scale	Drawn	Eng. Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020

Drawing Number: HE551459-WSP-ELS-A2E-DR-LE-1816	Revision: P11
	PW Stage Code: 0

ENVIRONMENTAL FUNCTIONS:	LANDSCAPE ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)	(Source: DMRB Volume 10, Section 0, Parts 2 and 3)
EFA - Visual Screening	LE 1.1 - Amenity Grass Areas
EFB - Landscape Integration	LE 1.3 - Species Rich (or Conservation) grassland
EFD - Nature Conservation & Biodiversity	LE 2.1 - Woodland
EFE - Visual Amenity	LE 2.2 - Woodland Edge
AFG - Auditory Amenity	LE 2.4 - Linear Belts of Shrubs and Trees
EFH - Water Quality	LE 2.5 - Shrubs with Intermittent Trees
	LE 2.6 - Shrubs
	LE 2.7 - Scattered Trees
	LE 4.3 - Native Species Hedgerows
	LE 4.4 - Native Hedgerows with Trees
	LE 5.1 - Individual Trees
	LE 6.1 - Water Bodies and Associated Plants
	LE 6.2 - Banks and Ditches
	LE 6.3 - Reed Beds
	LE 6.4 - Marsh and Wet Grassland

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Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

- LE 1.1 Amenity Grass Areas
- LE 1.3 Species Rich (or Conservation) Grassland
- LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
- LE 2.4 Linear Belts of Shrubs and Trees
- LE 2.6 Shrubs
- LE 2.7 Scattered Trees
- LE 4.4 Native Hedgerows with Trees
- LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

Ecological Mitigation: Indicative Bat Box Locations

Ecological Mitigation: Otter Fencing

Proposed amended earthwork contours

Scale 1:2500

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
P11	19/05/21	Ecological mitigation: otter fencing added	JD	AW	KS	DM
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P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF

Subsidiary	DCO SUBMISSION	Status	S2
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PIINS Reference Number: **TR010041/APP/6.6**



Project Title: **A1 in Northumberland Morpeth to Ellingham**

Drawing Title: **LANDSCAPE MITIGATION PLAN**
SHEET 3 OF 7

Scale	Drawn	Eng. Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020

Drawing Number	HE551459-WSP-ELS-A2E-DR-LE-1816	Revision	P11
		PW Stage Code	0

ENVIRONMENTAL FUNCTIONS:
 (Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- AFG - Auditory Amenity
- EFH - Water Quality

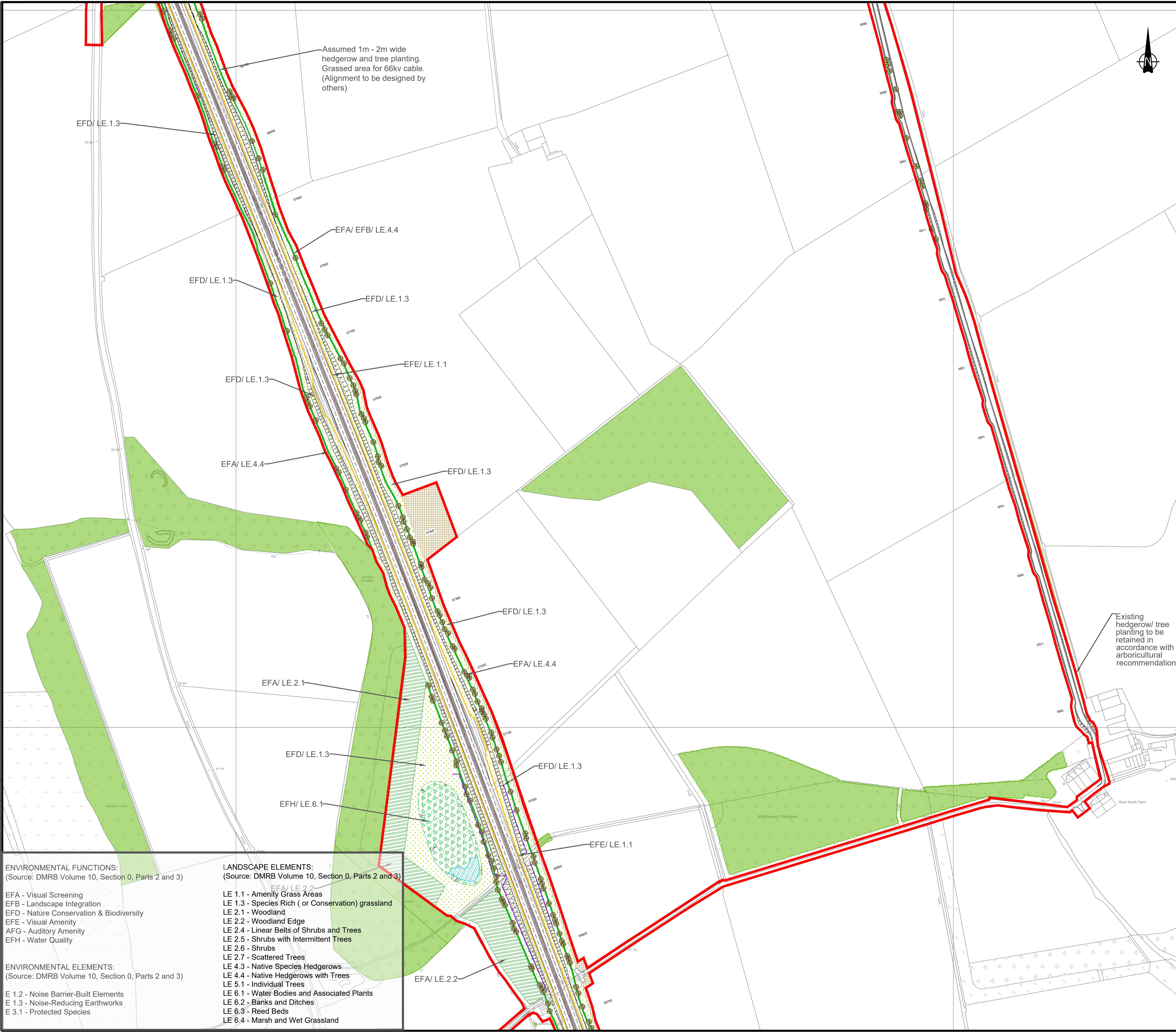
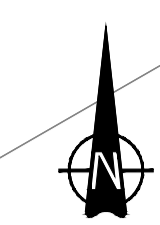
ENVIRONMENTAL ELEMENTS:
 (Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- E 1.2 - Noise Barrier-Built Elements
- E 1.3 - Noise-Reducing Earthworks
- E 3.1 - Protected Species

LANDSCAPE ELEMENTS:
 (Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- LE 1.1 - Amenity Grass Areas
- LE 1.3 - Species Rich (or Conservation) grassland
- LE 2.1 - Woodland
- LE 2.2 - Woodland Edge
- LE 2.4 - Linear Belts of Shrubs and Trees
- LE 2.5 - Shrubs with Intermittent Trees
- LE 2.6 - Shrubs
- LE 2.7 - Scattered Trees
- LE 4.3 - Native Species Hedgerows
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- LE 5.1 - Individual Trees
- LE 6.1 - Water Bodies and Associated Plants
- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
- LE 6.4 - Marsh and Wet Grassland

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Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

- LE 1.1 Amenity Grass Areas
- LE 1.3 Species Rich (or Conservation) Grassland
- LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
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- Ecological Mitigation: Otter Fencing
- Proposed amended earthwork contours

Scale 1:2500

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
P10	28/04/21	Changes to Linkhall Access Road	SL	AW	KS	DM
P09	11/3/21	Earthworks amendments	NB	AW	KS	DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
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P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF

Sustainability	DCO SUBMISSION	Status	S2
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Project Title: A1 in Northumberland Morpeth to Ellingham

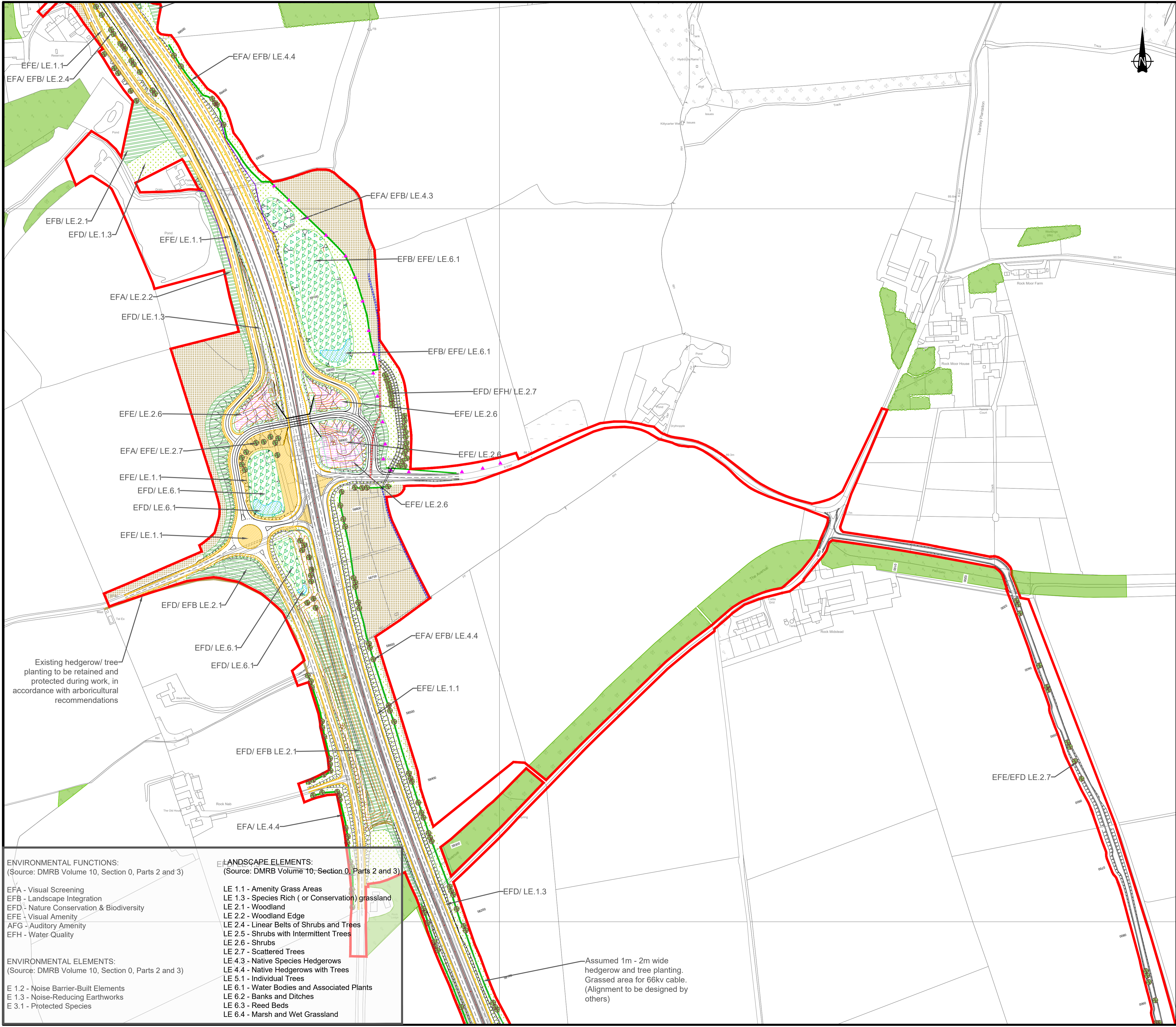
Drawing Title: LANDSCAPE MITIGATION PLAN
SHEET 4 OF 7

Scale	Drawn	Eng. Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020

Drawing Number: HE551459-WSP-ELS-A2E-DR-LE-1816	Revision: P11
	PW Stage Code: 0

- ENVIRONMENTAL FUNCTIONS:**
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)
- EFA - Visual Screening
 - EFB - Landscape Integration
 - EFD - Nature Conservation & Biodiversity
 - EFE - Visual Amenity
 - AFG - Auditory Amenity
 - EFH - Water Quality
- ENVIRONMENTAL ELEMENTS:**
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)
- E 1.2 - Noise Barrier-Built Elements
 - E 1.3 - Noise-Reducing Earthworks
 - E 3.1 - Protected Species
- LANDSCAPE ELEMENTS:**
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)
- LE 1.1 - Amenity Grass Areas
 - LE 1.3 - Species Rich (or Conservation) grassland
 - LE 2.1 - Woodland
 - LE 2.2 - Woodland Edge
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 - LE 6.3 - Reed Beds
 - LE 6.4 - Marsh and Wet Grassland

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Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

- LE 1.1 Amenity Grass Areas
- LE 1.3 Species Rich (or Conservation) Grassland
- LE 2.1 and 2.2 Woodland Planting (Understorey to be seeded)
- LE 2.4 Linear Belts of Shrubs and Trees
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- LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)
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- Ecological Mitigation: Indicative Bat Box Locations
- Ecological Mitigation: Otter Fencing
- Proposed amended earthwork contours

Scale 1:2500

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
P11	19/05/21	Ecological mitigation: otter fencing added	JD	AW	KS	DM
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Sustainability Status: DCO SUBMISSION S2

PINS Reference Number: TR010041/APP/6.6



Client: A1 in Northumberland Morpeth to Ellingham

Drawing Title: LANDSCAPE MITIGATION PLAN

SHEET 5 OF 7

Scale	Drawn	Eng Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020
Drawing Number	Revision			
HE551459-WSP-ELS-A2E-DR-LE-1816	P11			
	PW Stage Code			
	0			

ENVIRONMENTAL FUNCTIONS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

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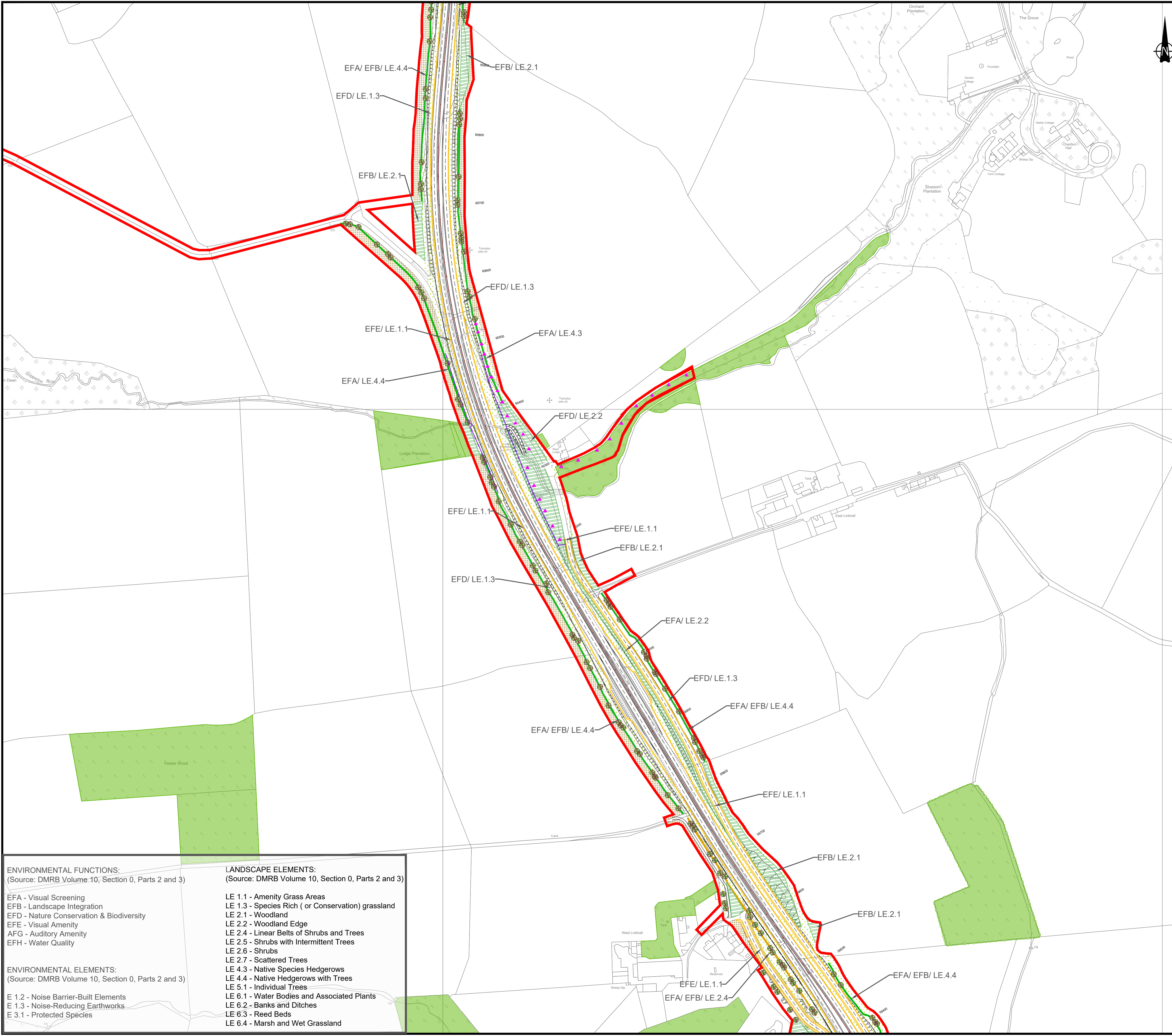
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- E 1.2 - Noise Barrier-Built Elements
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LANDSCAPE ELEMENTS:
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- LE 6.2 - Banks and Ditches
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- LE 6.4 - Marsh and Wet Grassland

Assumed 1m - 2m wide hedgerow and tree planting. Grassed area for 66kv cable. (Alignment to be designed by others)



Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

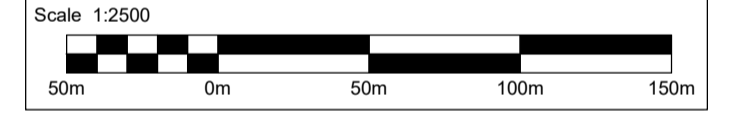
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Areas assumed to be return to agriculture

Ecological Mitigation: Indicative Bat Box Locations

Ecological Mitigation: Otter Fencing

Proposed amended earthwork contours



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Subsidiary	DCO SUBMISSION	Status	S2
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PIINS Reference Number: TR010041/APP/6.6



Project Title: A1 in Northumberland Morpeth to Ellingham

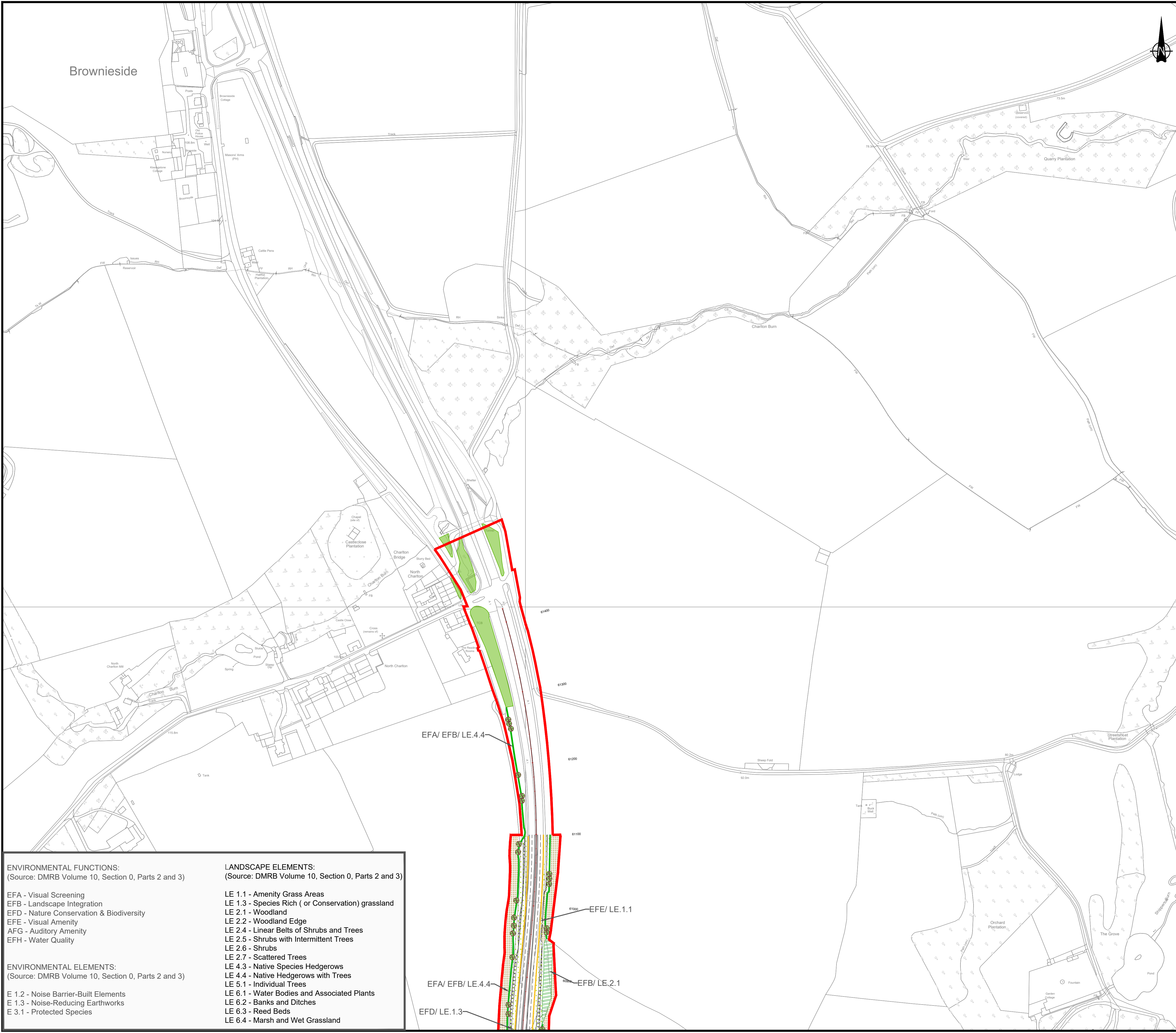
Drawing Title: LANDSCAPE MITIGATION PLAN
SHEET 6 OF 7

Scale	Drawn	Eng. Check	Approved	Authorised
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Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020

Drawing Number: HE551459-WSP-ELS-A2E-DR-LE-1816	Revision: P11
	PW Stage Code: 0

- ENVIRONMENTAL FUNCTIONS:**
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Red Line Boundary

Existing Vegetation

- Existing Habitats
- Existing Hedgerow to be Retained

Proposed Vegetation

- LE 1.1 Amenity Grass Areas
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- LE 2.7 Scattered Trees
- LE 4.4 Native Hedgerows with Trees
- LE 6.1 Swale/ Marginal Planting/ Wetland (for Attenuation Pond)

Areas assumed to be return to agriculture

Ecological Mitigation: Indicative Bat Box Locations

Ecological Mitigation: Otter Fencing

Proposed amended earthwork contours

Scale 1:2500
50m 0m 50m 100m 150m

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
P11	19/05/21	Ecological mitigation: otter fencing added	JD	AW	KS	DM
P10	28/04/21	Changes to Linkhall Access Road	SL	AW	KS	DM
P09	11/3/21	Earthworks amendments	NB	AW	KS	DM
P08	JUNE 2020	EIGHT DRAFT	CM	VW	KS	DM
P07	19/02/2020	SEVENTH DRAFT	LA	SL	AF	AF
P06	10/02/2020	SIXTH DRAFT	LA	SL	AF	AF
P05	04/02/2020	FIFTH DRAFT	LA	SL	AF	AF
P04	29/01/2020	FORTH DRAFT	LA	SL	AF	AF
P03	03/12/2019	THIRD DRAFT	LA	SL	AF	AF
P02	21/11/2019	SECOND DRAFT	LA	SL	AF	AF
P01	28/10/2019	FIRST DRAFT	LA	SL	AF	AF

Subsidiarity	DCO SUBMISSION	Status	S2
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PINS Reference Number
TR010041/APP/6.6



Project Title
A1 in Northumberland Morpeth to Ellingham

Drawing Title
LANDSCAPE MITIGATION PLAN
SHEET 7 OF 7

Scale	Drawn	Eng. Check	Approved	Authorised
1:2500	LA	SL	AF	AF
Original Size	Date	Date	Date	Date
A1	19/02/2020	19/02/2020	19/02/2020	19/02/2020
Drawing Number	Revision			
HE551459-WSP-ELS-A2E-DR-LE-1816	P11			
	PW Stage Code			
	0			

ENVIRONMENTAL FUNCTIONS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- AFG - Auditory Amenity
- EFH - Water Quality

ENVIRONMENTAL ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- E 1.2 - Noise Barrier-Built Elements
- E 1.3 - Noise-Reducing Earthworks
- E 3.1 - Protected Species

LANDSCAPE ELEMENTS:
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- LE 1.1 - Amenity Grass Areas
- LE 1.3 - Species Rich (or Conservation) grassland
- LE 2.1 - Woodland
- LE 2.2 - Woodland Edge
- LE 2.4 - Linear Belts of Shrubs and Trees
- LE 2.5 - Shrubs with Intermittent Trees
- LE 2.6 - Shrubs
- LE 2.7 - Scattered Trees
- LE 4.3 - Native Species Hedgerows
- LE 4.4 - Native Hedgerows with Trees
- LE 5.1 - Individual Trees
- LE 6.1 - Water Bodies and Associated Plants
- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
- LE 6.4 - Marsh and Wet Grassland

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