

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

**Scheme Number: TR010041**

## **6.5 Environmental Statement – Figure 7.8 Landscape Mitigation Masterplan**

**Part A**

APFP Regulation 5(2)(a)

Planning Act 2008

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

June 2020

Infrastructure Planning

Planning Act 2008

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

**The A1 in Northumberland: Morpeth to Ellingham  
Development Consent Order 20[xx]**

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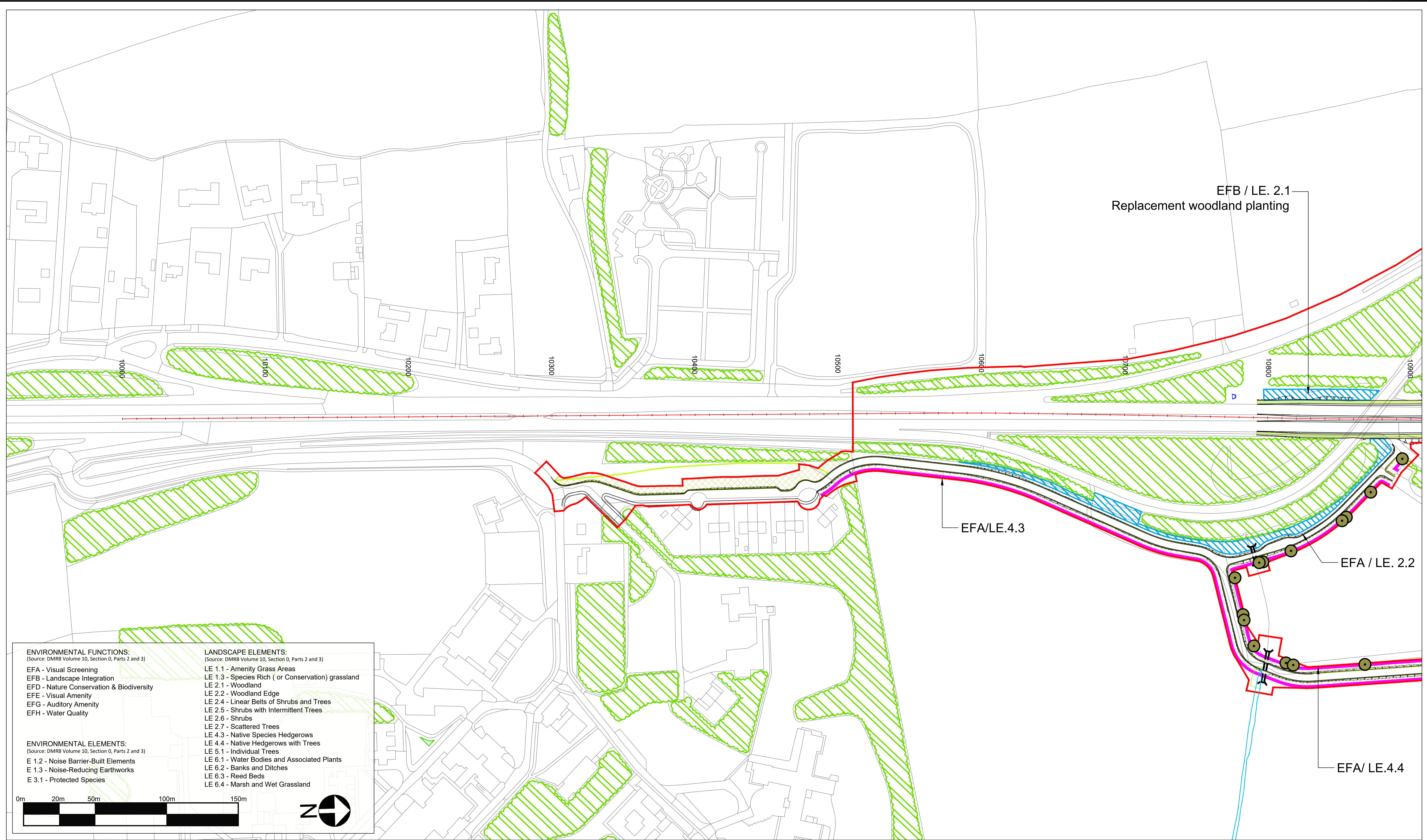
**Environmental Statement - Figures**

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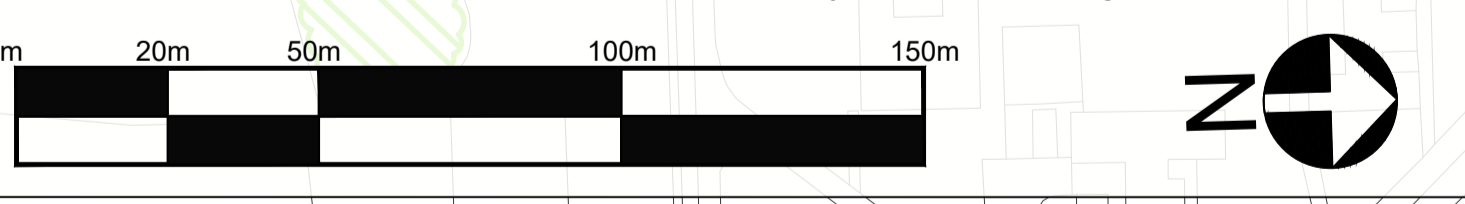
<b>Regulation Reference:</b>	APFP Regulation 5(2)(a)
<b>Planning Inspectorate Scheme Reference</b>	TR010041
<b>Application Document Reference</b>	TR010041/APP/6.5
<b>Author:</b>	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
Rev 0	June 2020	Application Issue

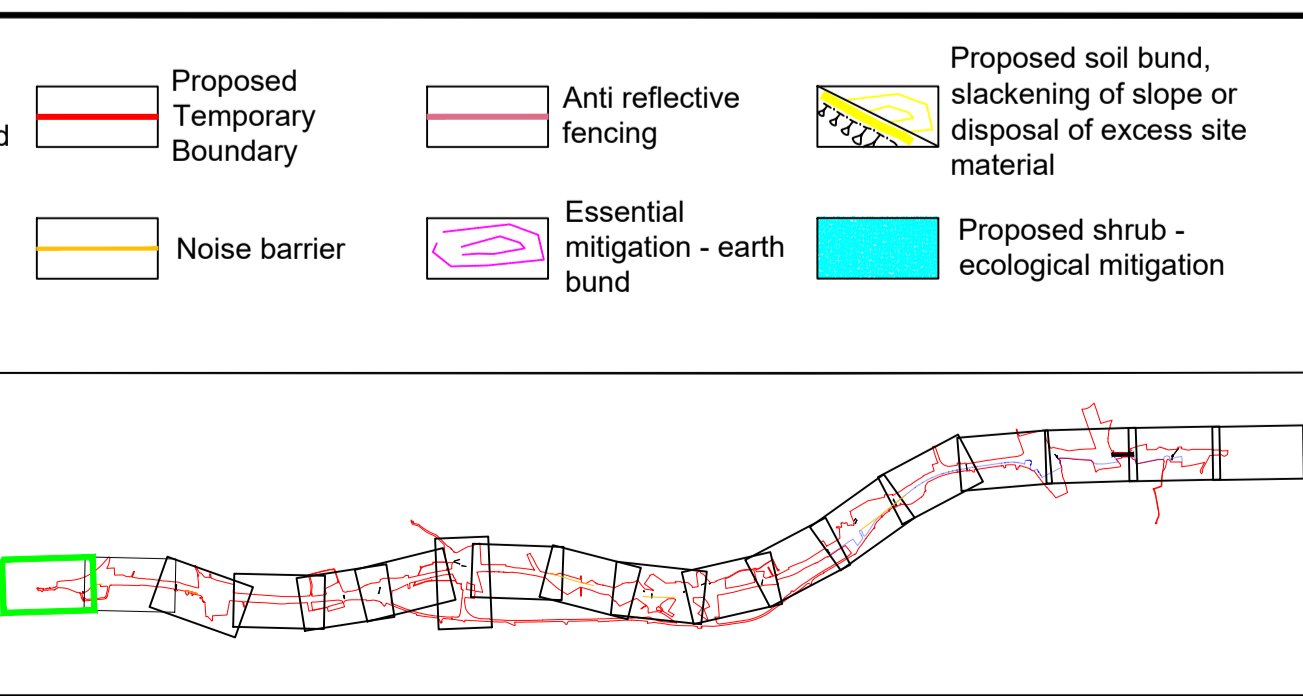
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- ENVIRONMENTAL FUNCTIONS:**  
 (Source: DMRB Volume 10, Section 0, Parts 2 and 3)
- EFA - Visual Screening
  - EFB - Landscape Integration
  - EFD - Nature Conservation & Biodiversity
  - EFE - Visual Amenity
  - EFG - Auditory Amenity
  - EFH - Water 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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- Existing habitats to be retained
  - Existing hedgerow to be retained
  - Proposed woodland
  - Woodland Creation Area
  - Existing running water
  - Proposed hedgerow - essential mitigation
  - Proposed hedgerow - by agreement
  - Proposed 'Coronation Avenue' trees
  - Proposed individual trees
  - Existing waterbodies
  - Proposed amenity grassland
  - Proposed conservation grassland
  - Grass verge / central reservations
  - Arable field margins
  - Swale/Marginal planting / wetland
  - Proposed Permanent Highway Boundary
  - Vehicle Restraint System
  - Proposed Great Crested Newt Pond
  - Proposed Temporary Boundary
  - Noise barrier
  - Anti reflective fencing
  - Essential mitigation - earth bund
  - Proposed soil bund, slackening of slope or disposal of excess site material
  - Proposed shrub - ecological mitigation



Rev.	By	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8		June 2020	Project Details Updated	GH	AW	NM	
7		29.08.2019	Update to Key	GH	AW	NM	
6		05.06.2019	Update to landscape hatches	CM	CH	NM	
5		25.03.2019	Update to Key	CL	CH		
4		21.03.2019	Update to highways layout	CL	CH		
3		19.03.2019	Update to landscape hatches	CL	CH		
2		14.03.2019	Changes to Temporary Boundary	FS	CH		
P08	rv	date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd

Suitability: For Information

Status: S1

Client:

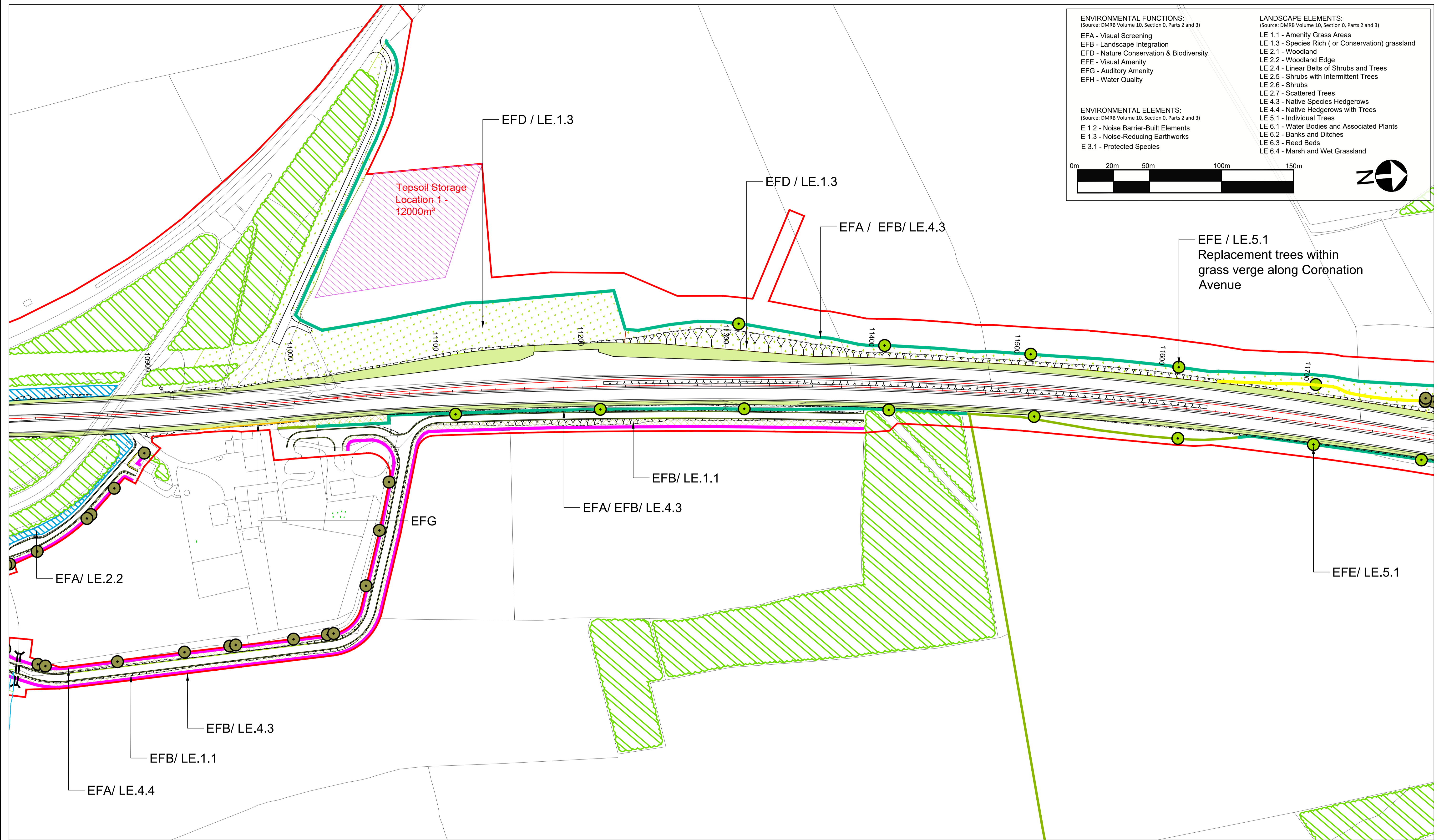
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Scale: 1:1250	Drawn: FS	Eng. Check: CH	Approved: KS	Authorised: DM	
Original Size: A1	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019	
Drawing Number: HE551459	Project: M2F	Originator: WSP	Volume: 6.5	Revision: P08	
Section:	Type:	ID:	Direction:	Type:	Role:
					Number: 1942

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Millimetres

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**ENVIRONMENTAL FUNCTIONS:**  
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)  
 EFA - Visual Screening  
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 EFE - Visual Amenity  
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 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  
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 LE 6.2 - Banks and Ditches  
 LE 6.3 - Reed Beds  
 LE 6.4 - Marsh and Wet Grassland

0m 20m 50m 100m 150m

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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
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2	14.03.2019	Changes to Temporary Boundary	FS	CH		
P08	rv date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd

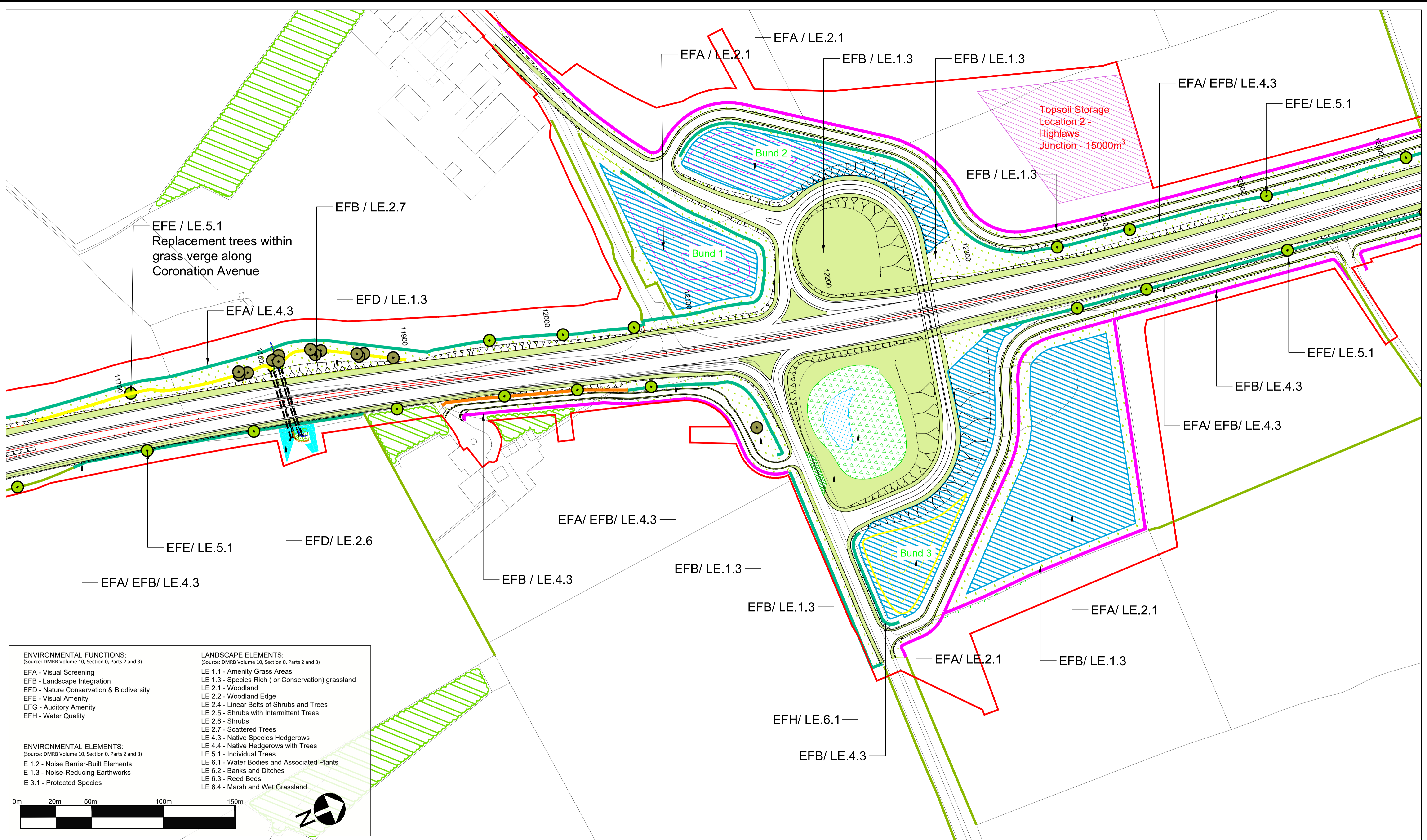
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Drawing Number	Project	Volume	Revision				
HE551459	WSP	6.5	P08				
M2F	RP	LE	1942				
Section	Type	ID	Direction	Type	Rate	Number	PW Stage Code

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Millimetres

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- 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
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- Existing habitats to be retained
- Existing hedgerow to be retained
- Proposed woodland
- Woodland Creation Area
- Existing running water
- Proposed hedgerow - essential mitigation
- Proposed hedgerow - by agreement
- Proposed 'Coronation Avenue' trees
- Proposed individual trees
- Existing waterbodies
- Proposed amenity grassland
- Proposed conservation grassland
- Grass verge / central reservations
- Arable field margins
- Swale/Marginal planting / wetland
- Proposed Permanent Highway Boundary
- Vehicle Restraint System
- Proposed Great Crested Newt Pond
- Proposed Temporary Boundary
- Noise barrier
- 2m Proposed Fence
- Anti reflective fencing
- Essential mitigation - earth bund
- Proposed soil bund, slackening of slope or disposal of excess site material
- Proposed shrub - ecological mitigation

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
6	05.06.2019	Update to landscape hatches	CM	CH	NM	
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4	21.03.2019	Update to highways layout	CL	CH		
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2	14.03.2019	Changes to Temporary Boundary	FS	CH		

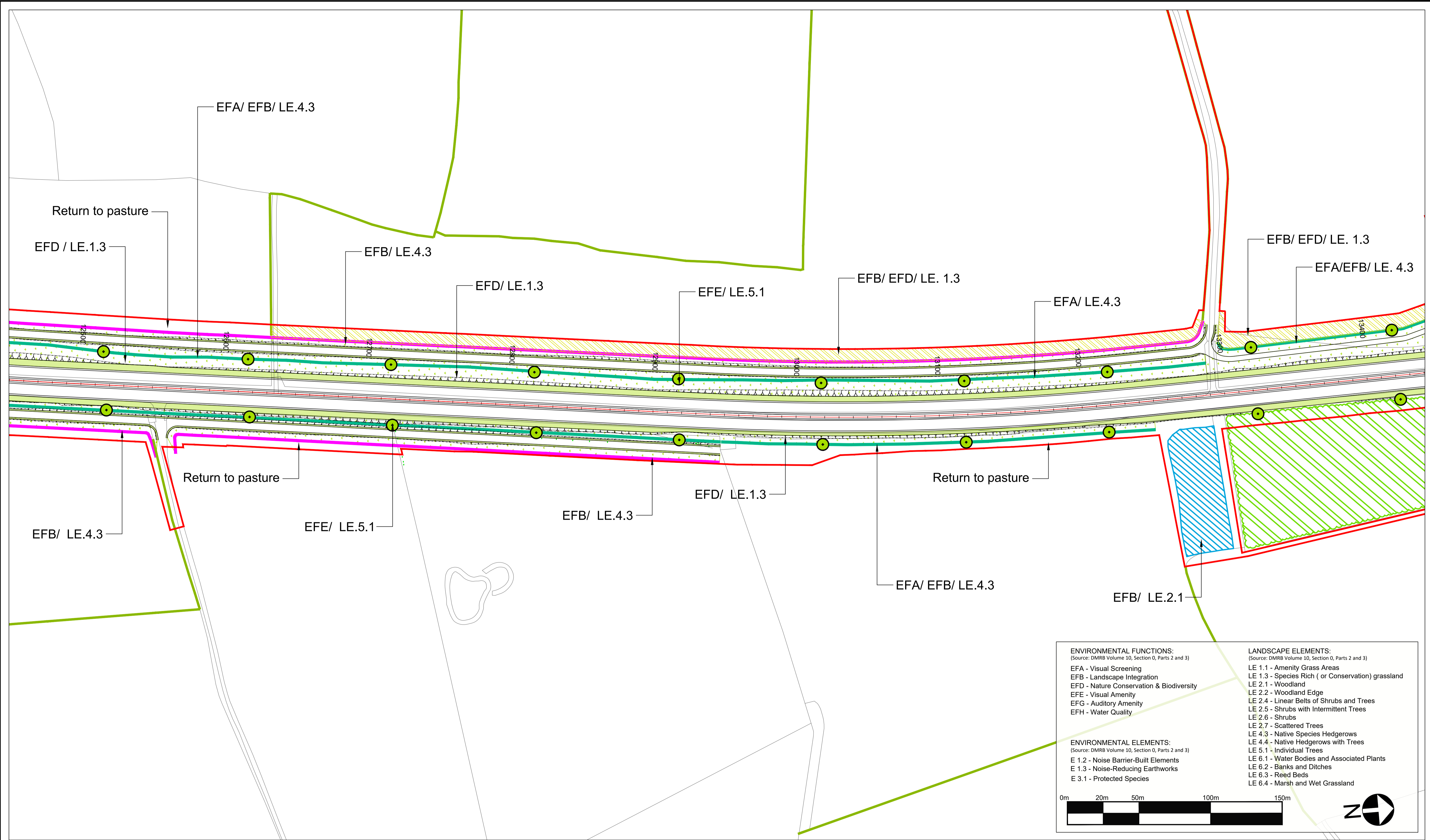
For Information

highways england

Subsidiary	Status	Project Title
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Figure 7.8 - Landscape Mitigation Masterplan SHEET 3 OF 19		
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Approved	Authorised	
KS	DM	
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14.03.2019	14.03.2019	14.03.2019
Drawing Number	Project	Volume
HE551459	WSP	6.5
Revision	Revision	
P08	P08	
M2F	RP	LE
Section	Type	Role
	ID	Number
		1942

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

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**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)

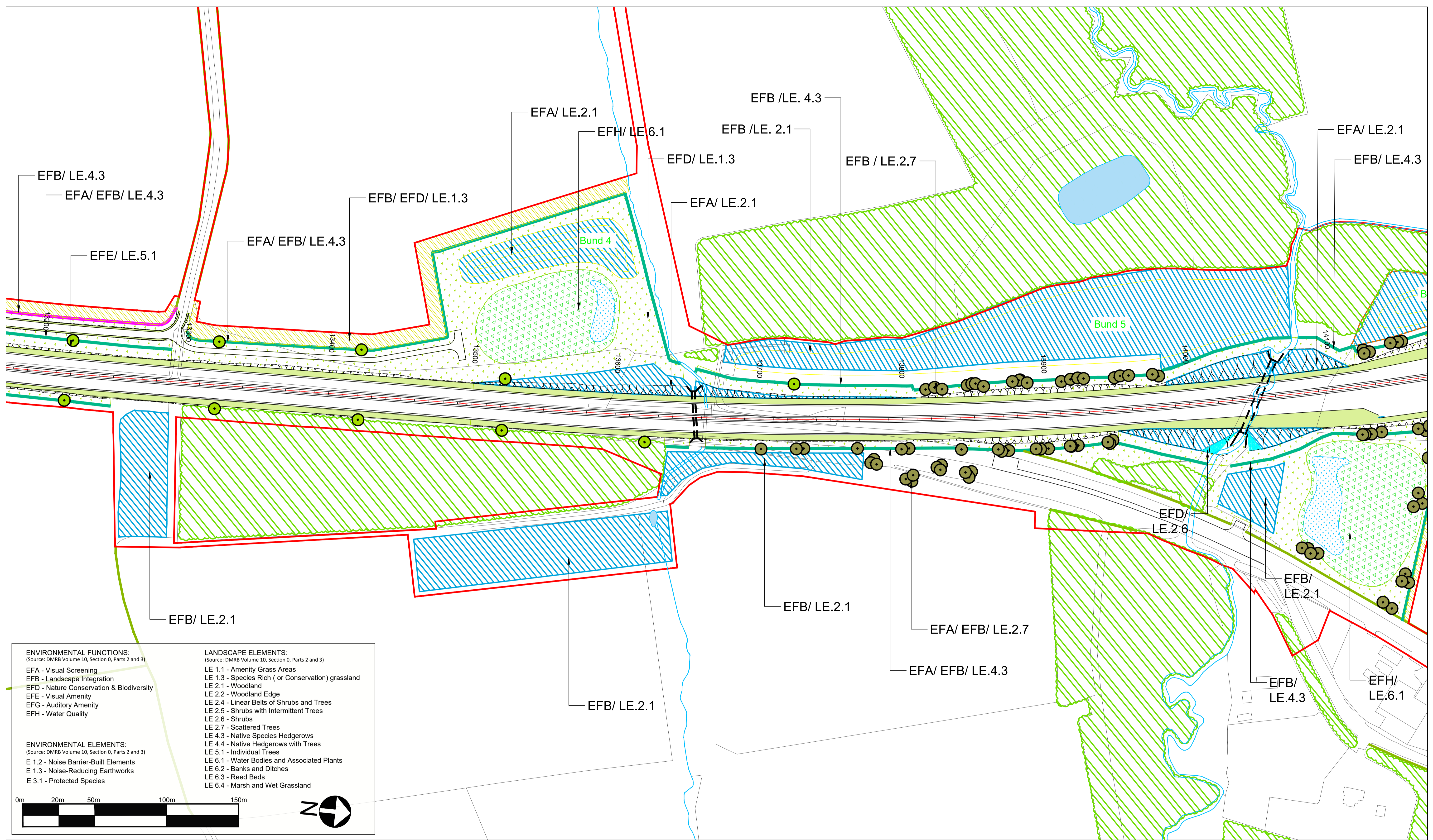
- LE 1.1 - Amenity Grass Areas
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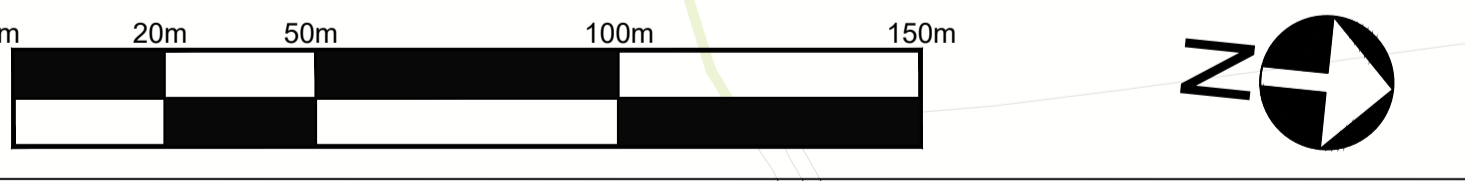

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2	14.03.2019	Changes to Temporary Boundary		FS	CH	
P08	rv date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd

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Drawing Number	HE551459	Project	M2F	Originator	WSP	Volume	6.5	Revision	P08
Section	M2F	Type	RP	Direction	LE	Type	1942	Revision	PW Stage Code

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- ENVIRONMENTAL FUNCTIONS:**  
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)
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  - 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:**  
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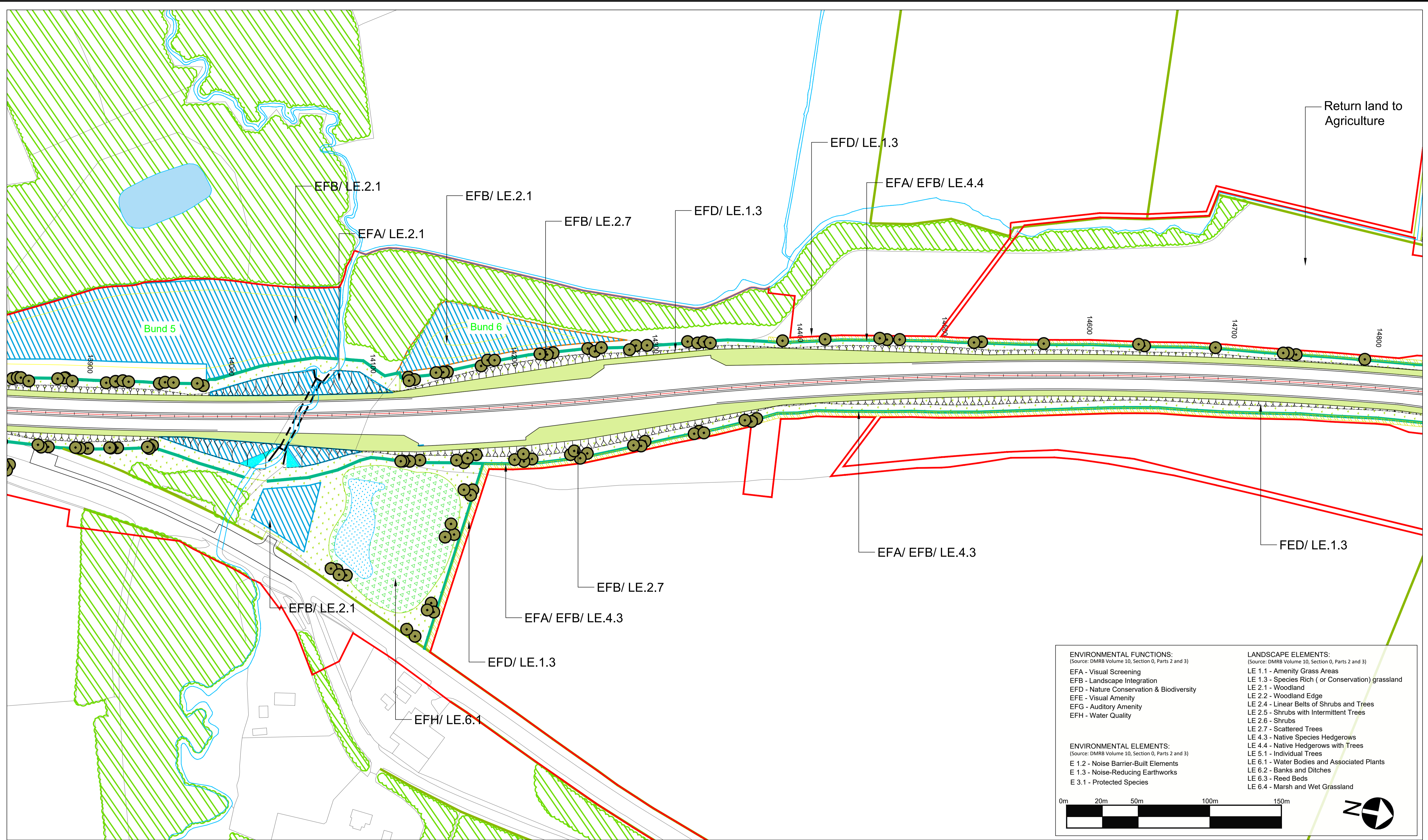
Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
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Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
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4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	

For Information		Status	Project Title						
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Client		Drawing Title							
highways england		Figure 7.8 - Landscape Mitigation Masterplan SHEET 5 OF 19							
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Drawing Number	HE551459	Project	M2F	Originator	WSP	Volume	6.5	Revision	P08
Section		Type		Direction	RP	Type	LE	1942	Revision
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**ENVIRONMENTAL FUNCTIONS:**  
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**ENVIRONMENTAL ELEMENTS:**  
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- E 1.2 - Noise Barrier-Built Elements
- E 1.3 - Noise-Reducing Earthworks
- E 3.1 - Protected Species

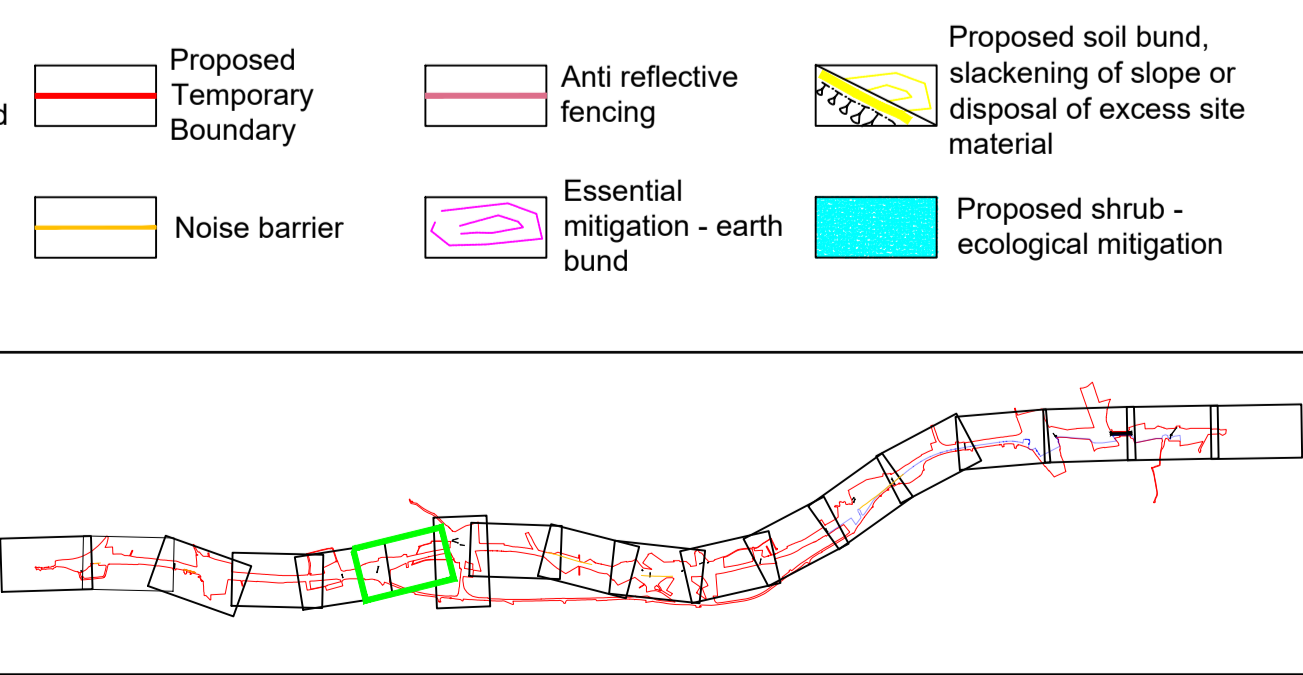
**LANDSCAPE ELEMENTS:**  
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

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0m 20m 50m 100m 150m

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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
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Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					



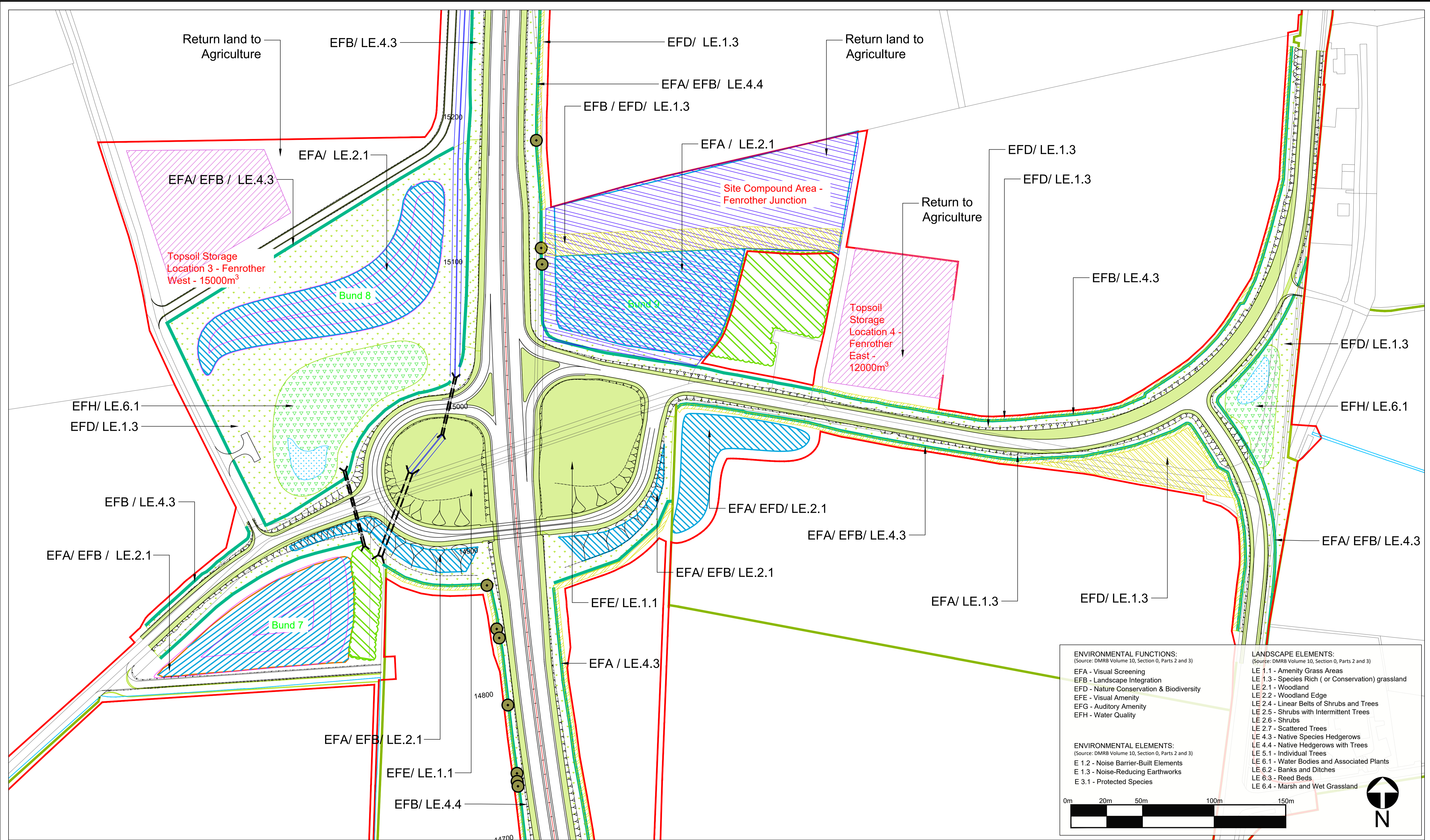
Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
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highways england

For Information		S1		Project Title <b>A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM</b>			
Client		Drawing Title <b>Figure 7.8 - Landscape Mitigation Masterplan SHEET 6 OF 19</b>					
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Original Size A1	Date 14.03.2019	Date 14.03.2019	Date 14.03.2019	Date 14.03.2019			
Drawing Number HE551459	Project M2F	Originator WSP	Volume 6.5	Revision P08			
Section	Type	ID	Direction	Type	Role	Number	



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**ENVIRONMENTAL FUNCTIONS:**  
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**ENVIRONMENTAL ELEMENTS:**  
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- E 1.2 - Noise Barrier-Built Elements
- E 1.3 - Noise-Reducing Earthworks
- E 3.1 - Protected Species

**LANDSCAPE ELEMENTS:**  
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- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
- LE 6.4 - Marsh and Wet Grassland

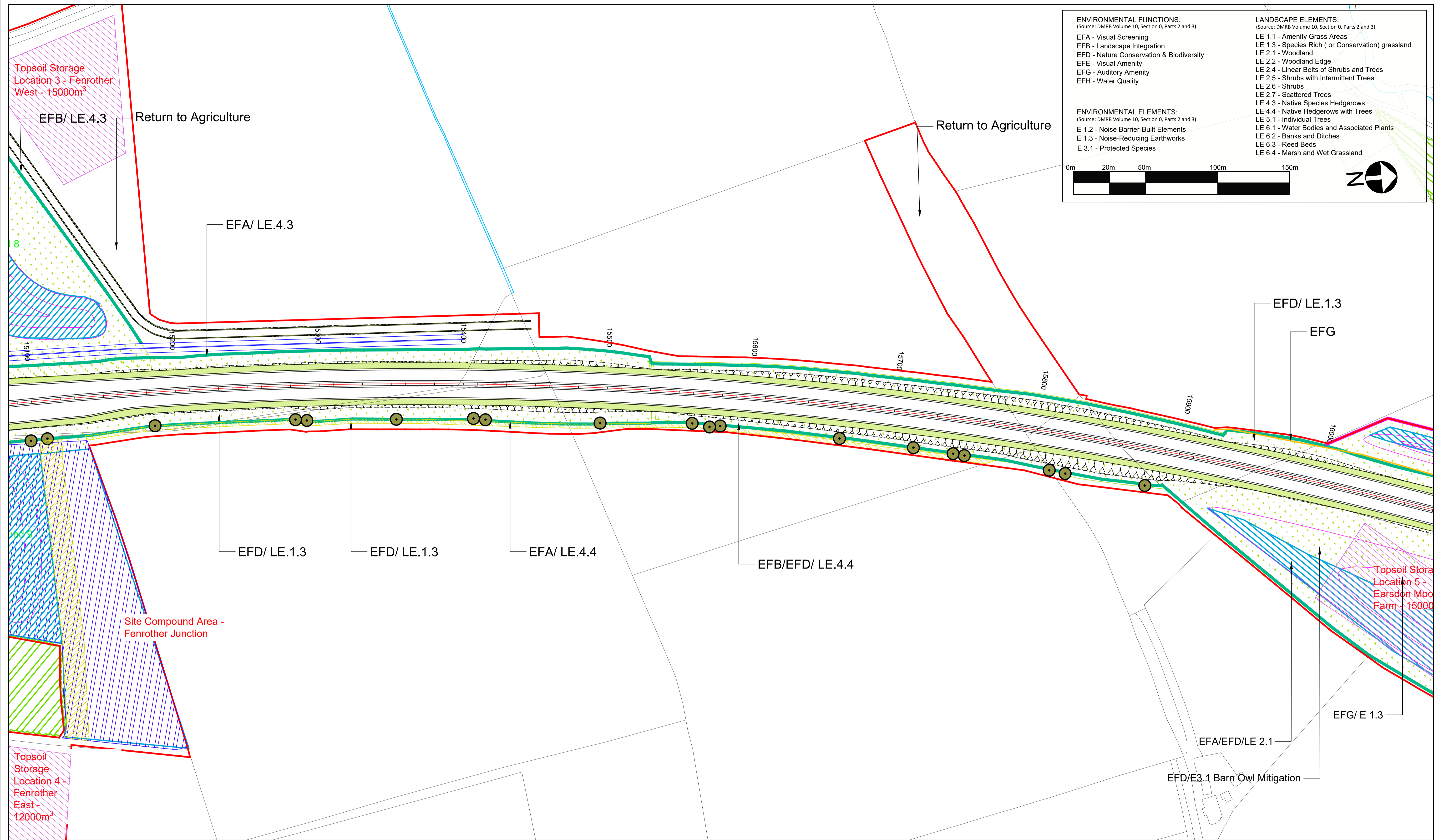
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Sustainability		Status		Project Title	
For Information		S1		A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM	
Client		Drawing Title		Figure 7.8 - Landscape Mitigation Masterplan SHEET 7 OF 19	
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		Authorised		DM	
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		Project		M2F	
		Originator		WSP	
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		Revision		P08	
		Section		M2F	
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		Direction		1942	
		Type		RP	
		Role		1942	
		Number		1942	
		PW Stage Code		P08	

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**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
- EFG - 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

0m 20m 50m 100m 150m

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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
6	05.06.2019	Update to landscape hatches	CM	CH	NM	
5	25.03.2019	Update to Key	CL	CH		
4	21.03.2019	Update to highways layout	CL	CH		
3	19.03.2019	Update to landscape hatches	CL	CH		
2	14.03.2019	Changes to Temporary Boundary	FS	CH		

Suitability	For Information	Status	S1	Project Title	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM					
Client				Drawing Title	Figure 7.8 - Landscape Mitigation Masterplan SHEET 8 OF 19					
				Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved
	Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019
	Drawing Number	HE551459	Project	WSP	Volume	6.5	Revision	P08		
	M2F		RP	LE	1942	PW Stage Code				

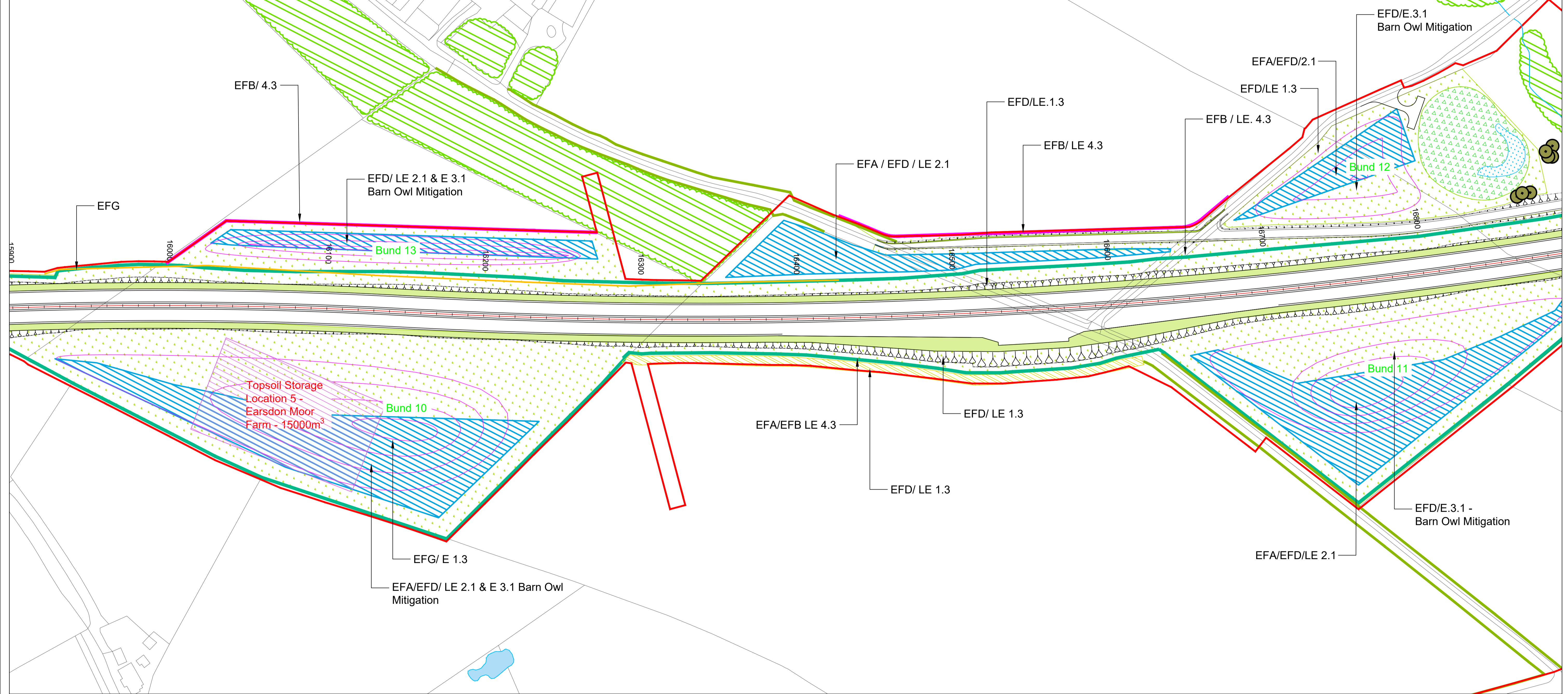
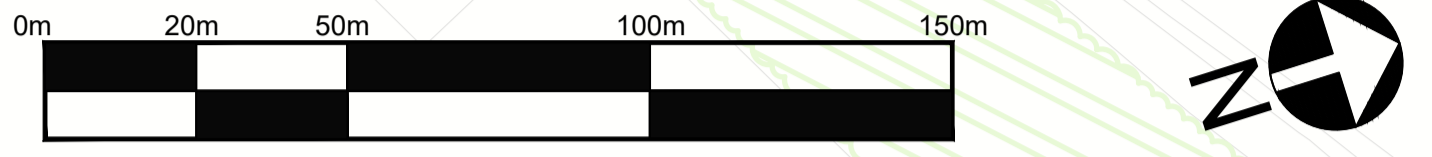
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Millimetres

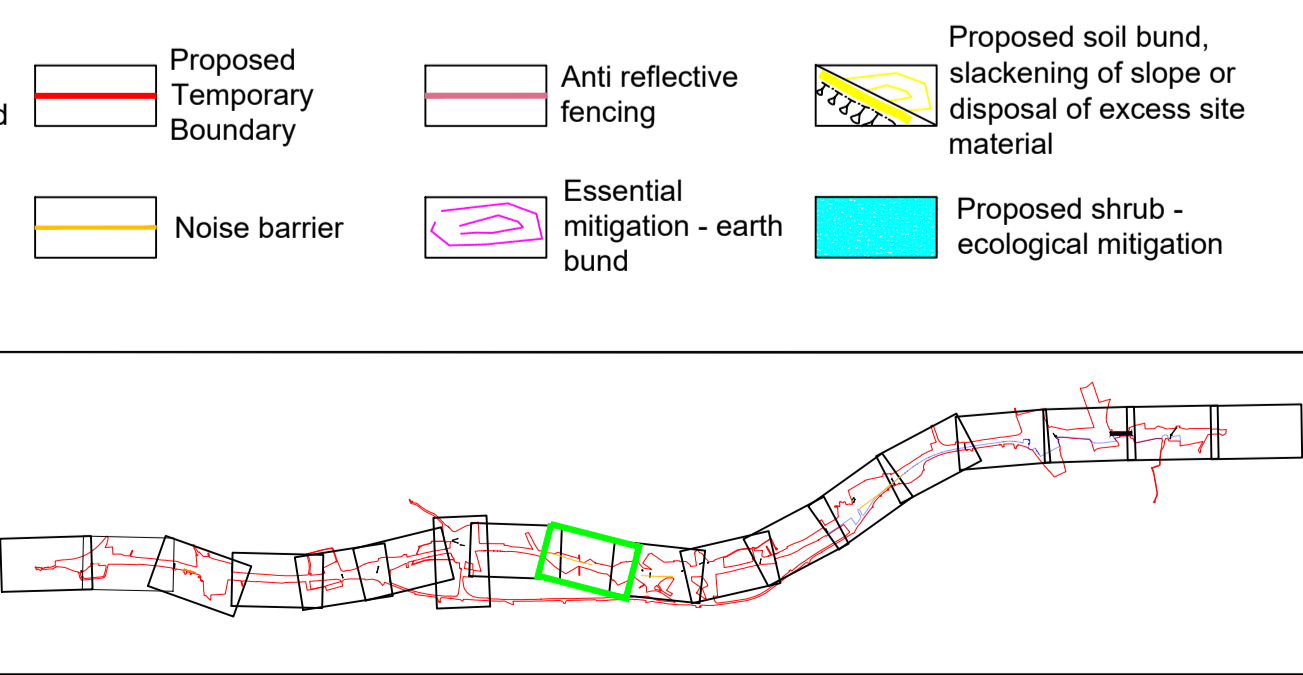
- ENVIRONMENTAL FUNCTIONS:**  
 (Source: DMRB Volume 10, Section 0, Parts 2 and 3)
- EFA - Visual Screening
  - EFB - Landscape Integration
  - EFD - Nature Conservation & Biodiversity
  - EFE - Visual Amenity
  - EFG - Auditory Amenity
  - EFH - Water Quality

- 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
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  - 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



- Existing habitats to be retained
- Existing hedgerow to be retained
- Proposed woodland
- Woodland Creation Area
- Existing running water
- Proposed hedgerow - essential mitigation
- Proposed hedgerow - by agreement
- Proposed 'Coronation Avenue' trees
- Proposed individual trees
- Existing waterbodies
- Proposed amenity grassland
- Proposed conservation grassland
- Grass verge / central reservations
- Arable field margins
- Swale/Marginal planting / wetland
- Proposed Permanent Highway Boundary
- Proposed Great Crested Newt Pond
- Proposed Temporary Boundary
- Noise barrier
- Vehicle Restraint System
- Proposed soil bund, slackening of slope or disposal of excess site material
- Anti reflective fencing
- Essential mitigation - earth bund
- Proposed shrub - ecological mitigation



Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
6	05.06.2019	Update to landscape hatches	CM	CH	NM	
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3	19.03.2019	Update to landscape hatches	CL	CH		
2	14.03.2019	Changes to Temporary Boundary	FS	CH		
P08	rv date	Rev 1 description				

For Information

highways england

Suitability	For Information	Status	S1	Project Title	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM						
Client				Drawing Title	Figure 7.8 - Landscape Mitigation Masterplan SHEET 9 OF 19						
				Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved	KS
	Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	
	Drawing Number	HE551459	Project	WSP	Volume	6.5	Revision	P08			
	M2F		Section	RP	LE	1942	Revision	PW Stage Code			

DO NOT SCALE

Millimetres

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

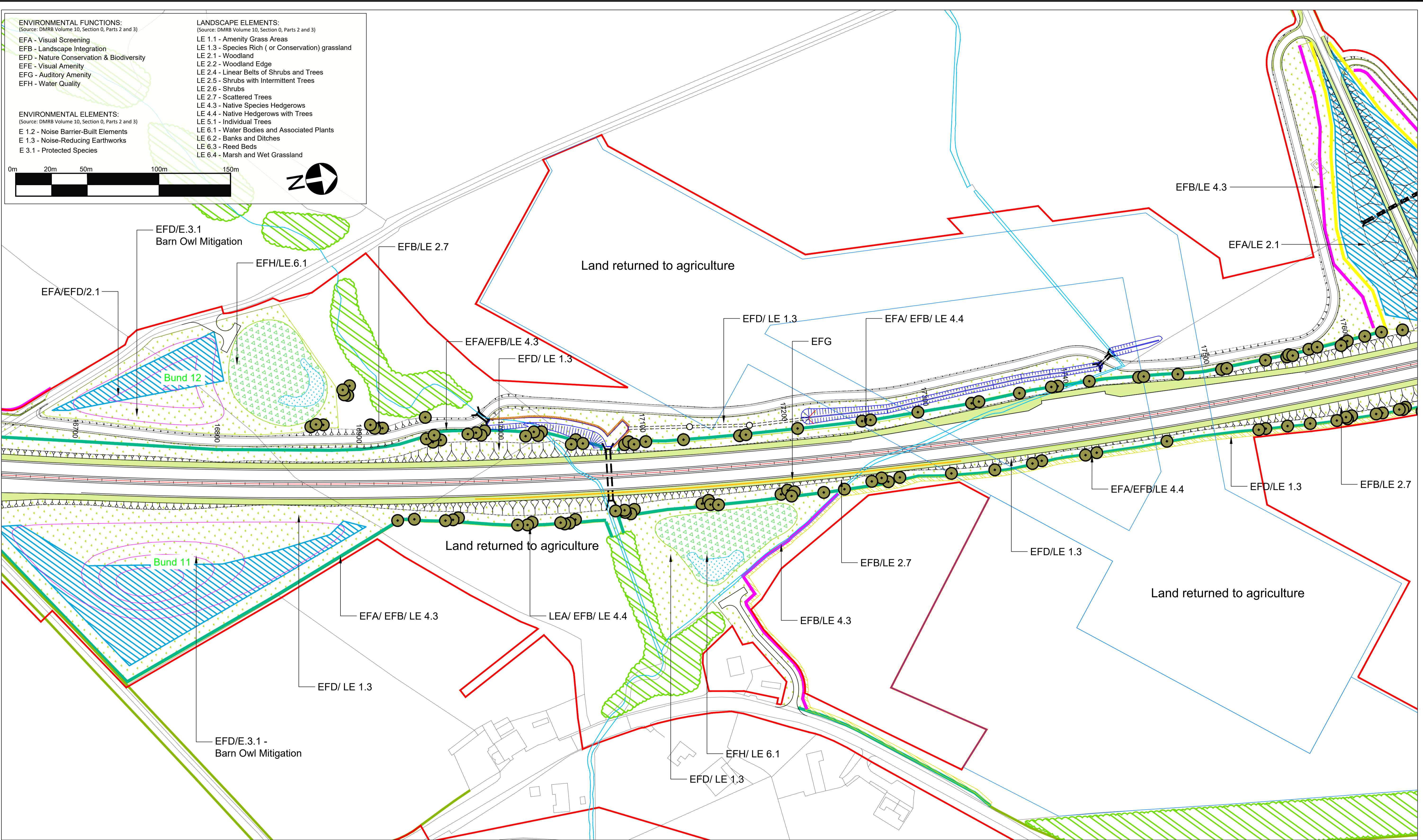
- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- EFG - Auditory Amenity
- EFH - Water Quality

**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
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- 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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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

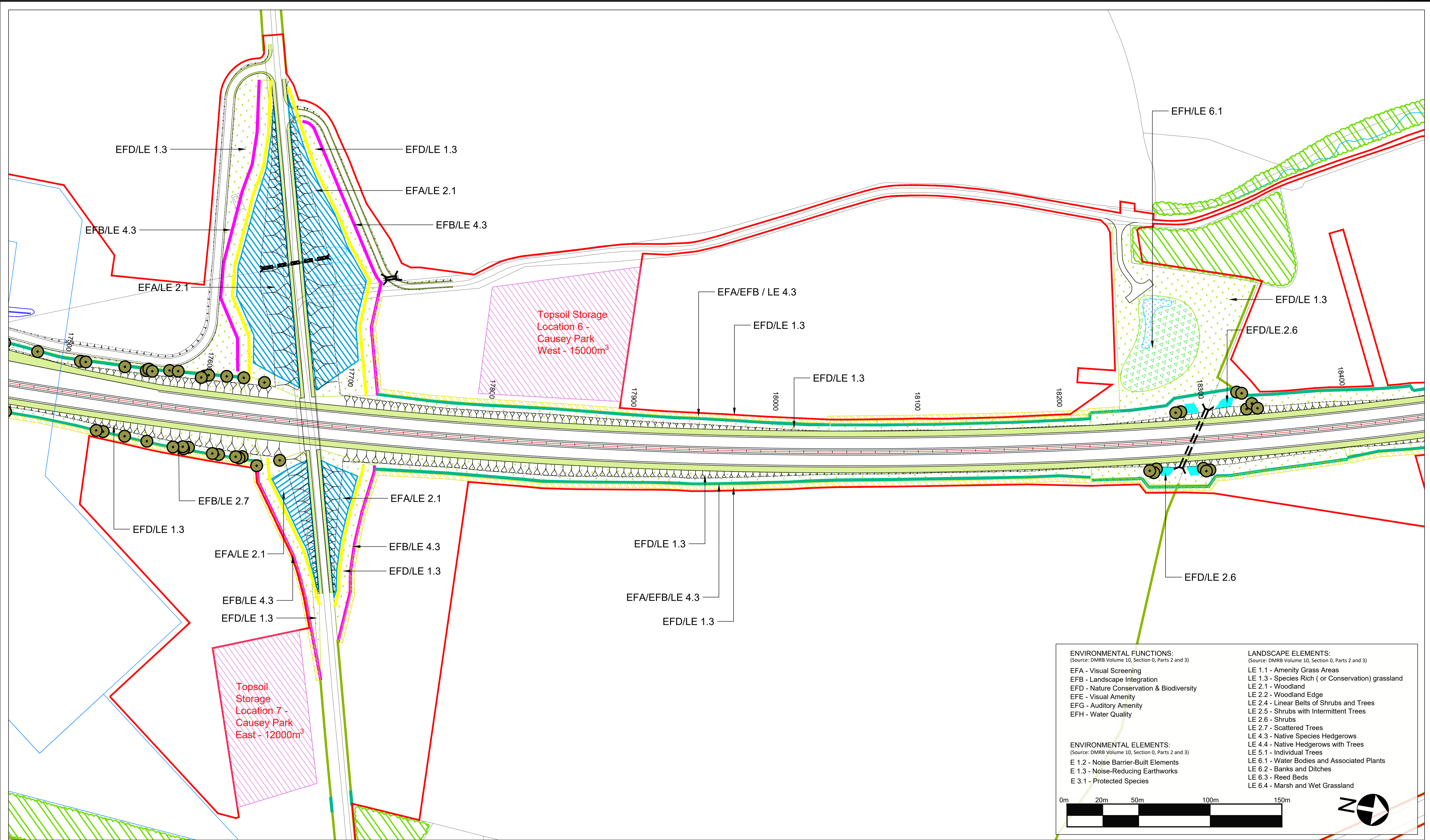
Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated				
7	29.08.2019	Update to Key				
6	05.06.2019	Update to landscape hatches				
5	25.03.2019	Update to Key				
4	21.03.2019	Update to highways layout				
3	19.03.2019	Update to landscape hatches				
2	14.03.2019	Changes to Temporary Boundary				

highways england

Project Title		A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM			
Drawing Title		Figure 7.8 - Landscape Mitigation Masterplan SHEET 10 OF 19			
Scale	1:1250	Drawn	FS	Eng. Check	CH
Original Size	A1	Date	14.03.2019	Date	14.03.2019
Approved	KS	Date	14.03.2019	Authorised	DM
Drawing Number	HE551459	Project	WSP	Volume	6.5
Section	M2F	Type	RP	Role	LE
Revision	P08	Revision		Number	1942
PW Stage Code					

DO NOT SCALE

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Millimetres



**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
- EFG - 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
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- 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

0m 20m 50m 100m 150m

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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng'g	Disc'g	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
6	05.06.2019	Update to landscape hatches	CM	CH	NM	
5	25.03.2019	Update to Key	CL	CH		
4	21.03.2019	Update to highways layout	CL	CH		
3	19.03.2019	Update to landscape hatches	CL	CH		
2	14.03.2019	Changes to Temporary Boundary	FS	CH		

highways england

For Information

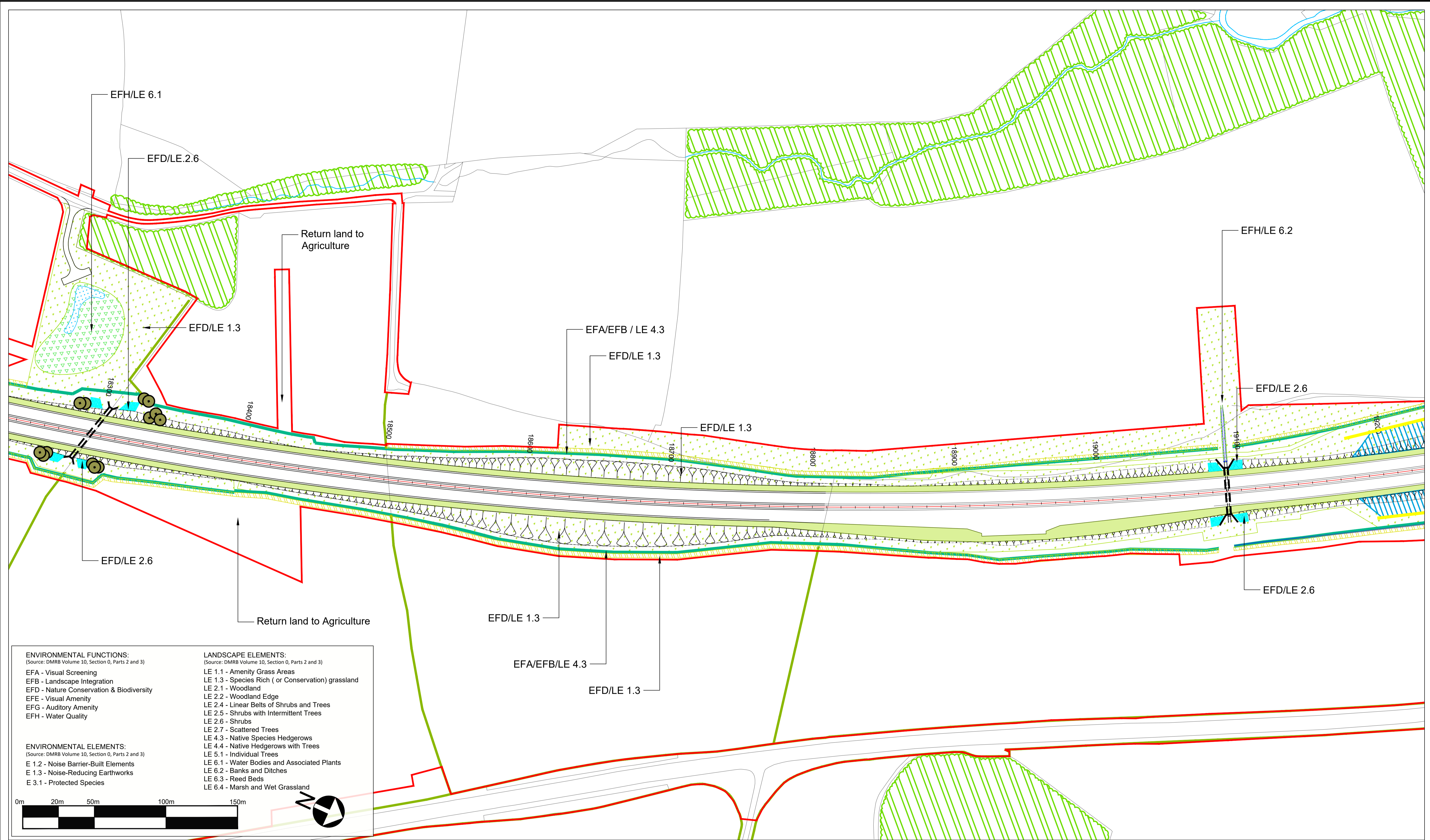
Status: S1

Project Title: A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM

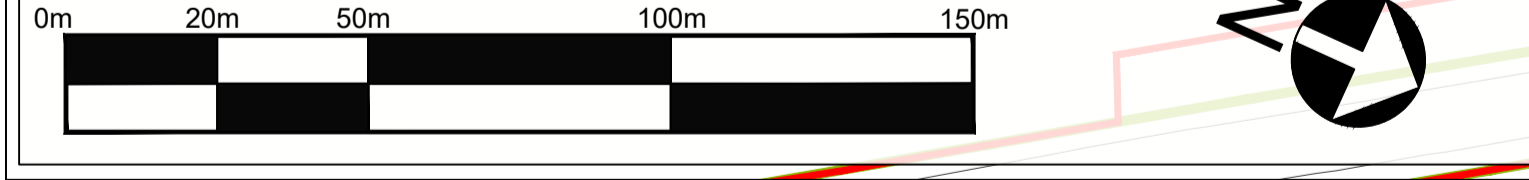
Drawing Title: Figure 7.8 - Landscape Mitigation Masterplan SHEET 11 OF 19

Scale: 1:1250	Drawn: FS	Eng. Check: CH	Approved: KS	Authorised: DM
Original Size: A1	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019
Drawing Number: HE551459	Project: M2F	Volume: 6.5	Revision: P08	
Section: M2F	Type: WSP	Direction: RP	Type: LE	Number: 1942

DO NOT SCALE  
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- 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  
 EFG - 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



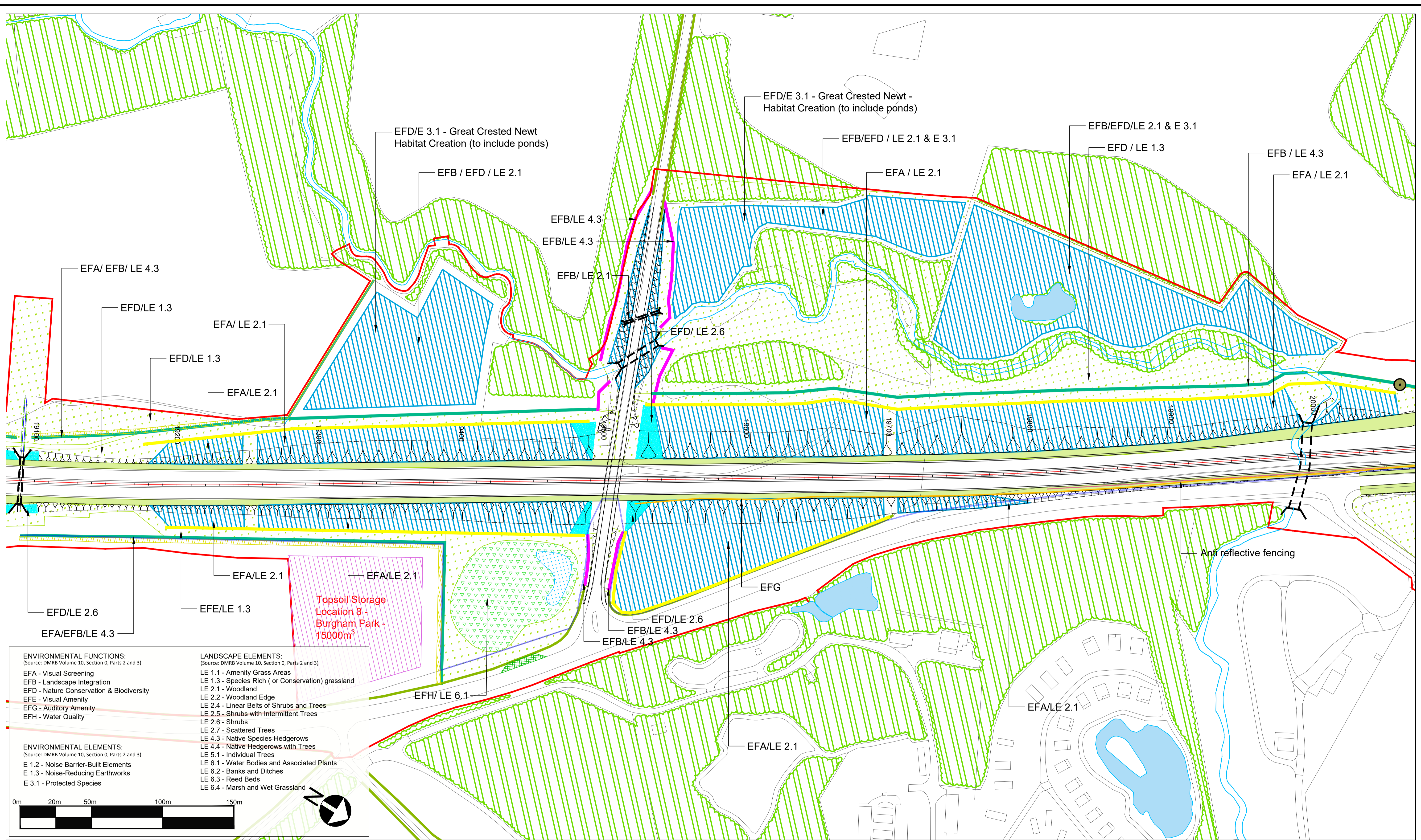
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Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		CL	CH	
4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	

For Information		Status	Project Title						
		S1	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM						
Client		Drawing Title							
highways england		Figure 7.8 - Landscape Mitigation Masterplan SHEET 12 OF 19							
Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved	KS	Authorised	DM
Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019
Drawing Number	HE551459	Project	WSP	Volume	6.5	Revision	P08		
M2F		Section	RP	LE	1942	Revision	PW Stage Code		

DO NOT SCALE

Millimetres



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

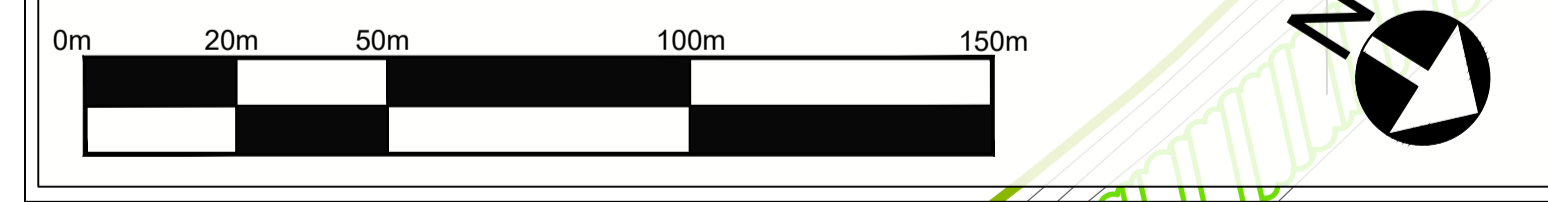
- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- EFG - Auditory Amenity
- EFH - Water Quality

**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
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- LE 6.4 - Marsh and Wet Grassland



Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
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5	25.03.2019	Update to Key	CL	CH		
4	21.03.2019	Update to highways layout	CL	CH		
3	19.03.2019	Update to landscape hatches	CL	CH		
2	14.03.2019	Changes to Temporary Boundary	FS	CH		

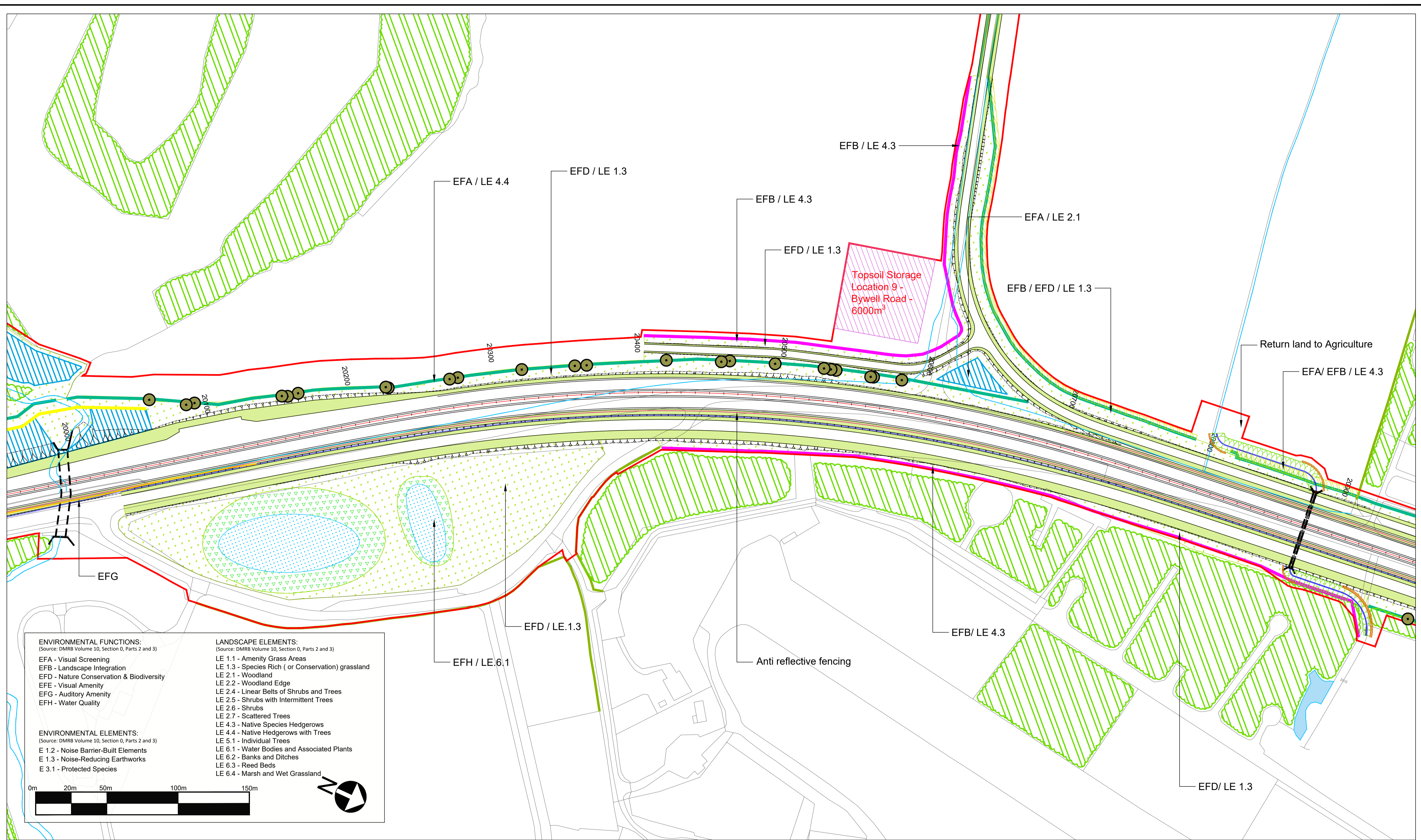
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highways england

Subsidiary	For Information	Status	S1	Project Title	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM				
Client		Drawing Title	Figure 7.8 - Landscape Mitigation Masterplan SHEET 13 OF 19						
Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved	KS	Authorised	DM
Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019
Drawing Number	HE551459	Project	WSP	Volume	6.5	Revision	P08		
M2F		Section	RP	LE	1942	Revision	PW Stage Code		

DO NOT SCALE

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Millimetres



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

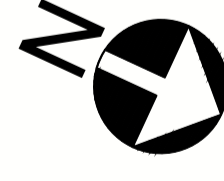
- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- EFG - Auditory Amenity
- EFH - Water Quality

**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
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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

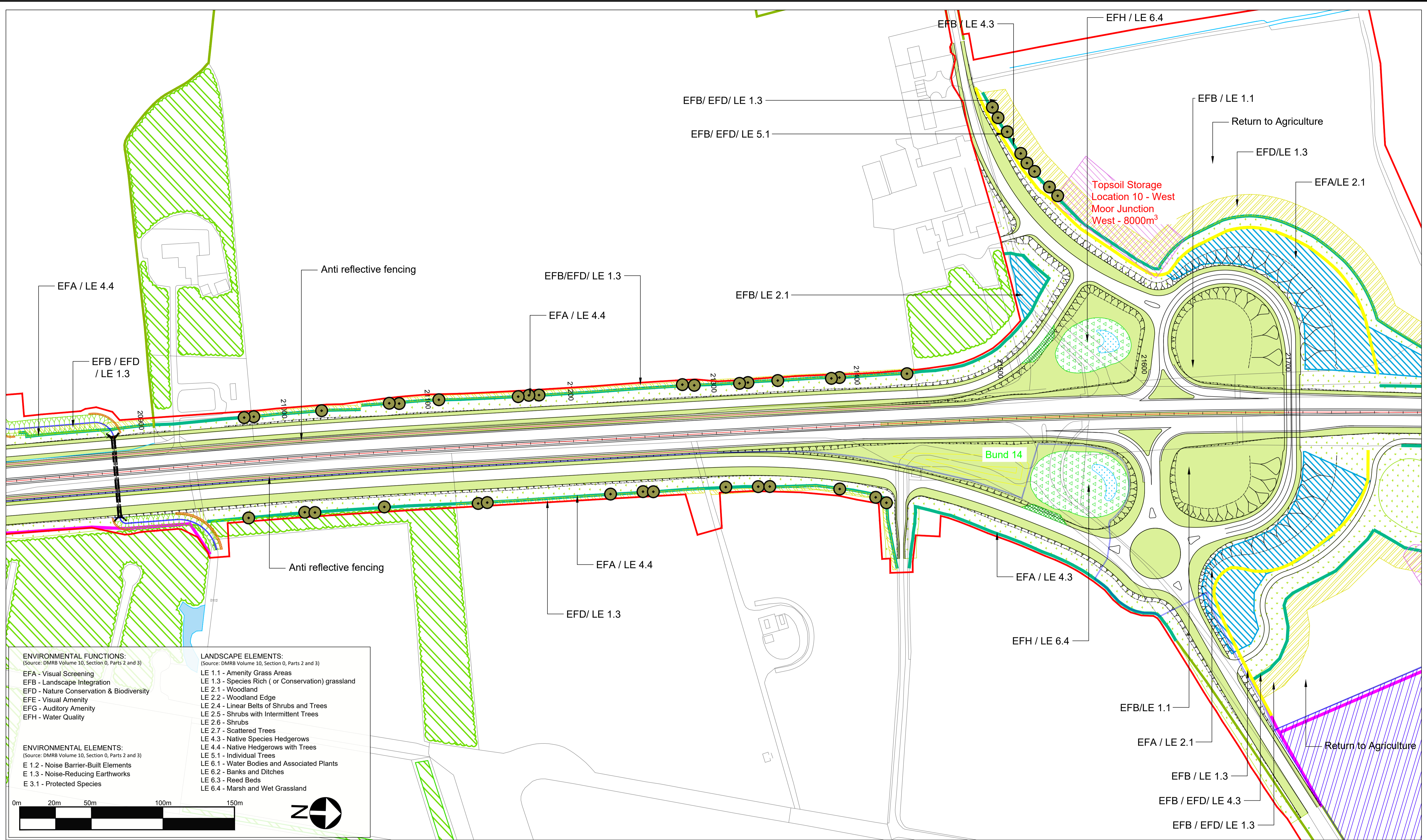
Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		CL	CH	
4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes in Temporary Boundary		FS	CH	

© Crown Copyright and Database Rights 2020 Ordnance Survey 100030649		Sustainability		Status		Project Title	
For Information		S1		A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM		Drawing Title	
highways england				Figure 7.8 - Landscape Mitigation Masterplan SHEET 14 OF 19			
Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved	KS
Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019
Authorised	DM	Volume	6.5	Revision	P08	PW Stage Code	
Drawing Number	HE551459	Project	WSP	Direction	RP	Type	LE
M2F		Section		ID	1942	Role	



DO NOT SCALE

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Millimetres



**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
- EFG - 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)

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- LE 6.2 - Banks and Ditches
- LE 6.3 - Reed Beds
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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
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Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated	GH	AW	NM	
7	29.08.2019	Update to Key	GH	AW	NM	
6	05.06.2019	Update to landscape hatches	CM	CH	NM	
5	25.03.2019	Update to Key	CL	CH		
4	21.03.2019	Update to highways layout	CL	CH		
3	19.03.2019	Update to landscape hatches	CL	CH		
2	14.03.2019	Changes to Temporary Boundary	FS	CH		

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highways england

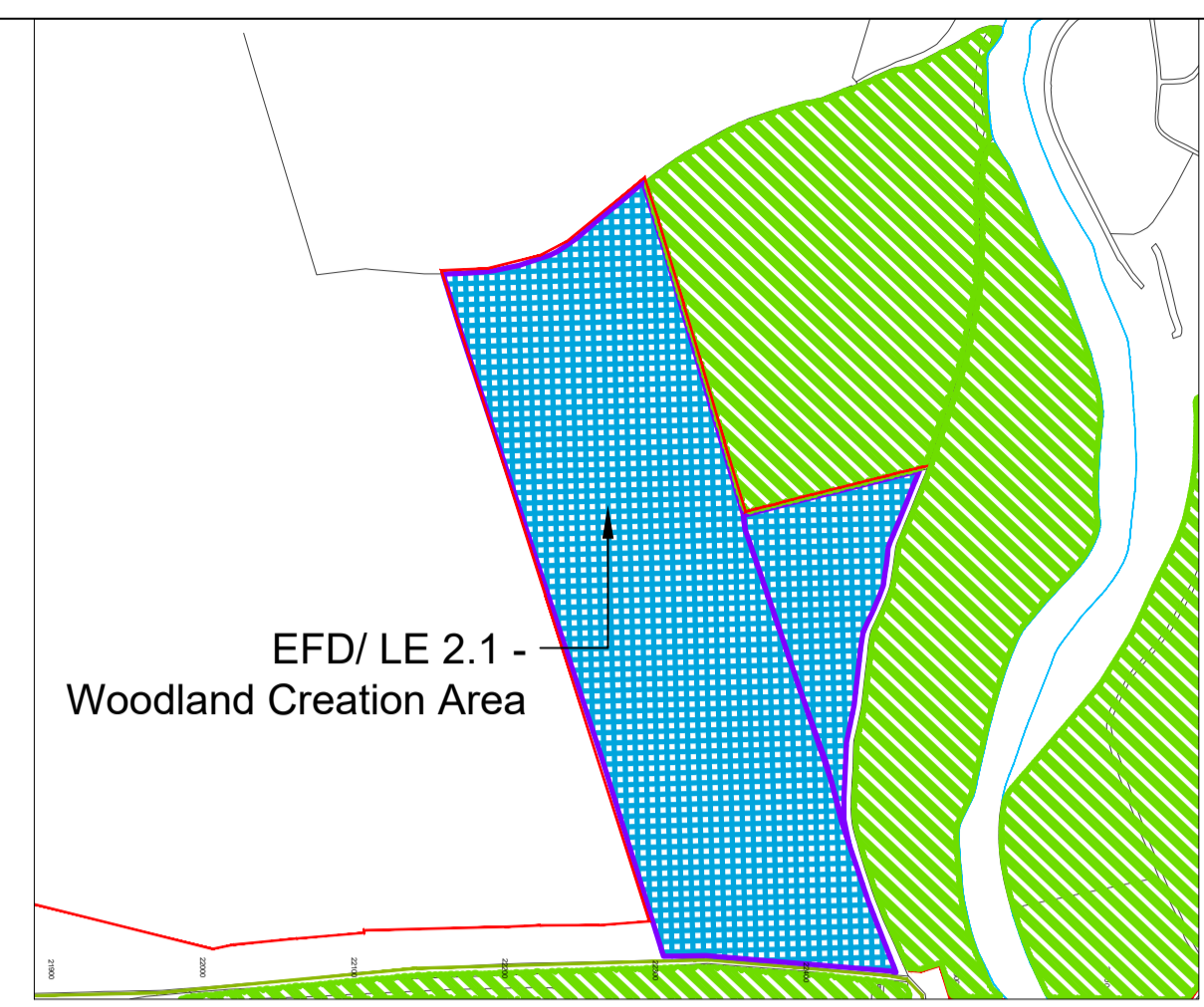
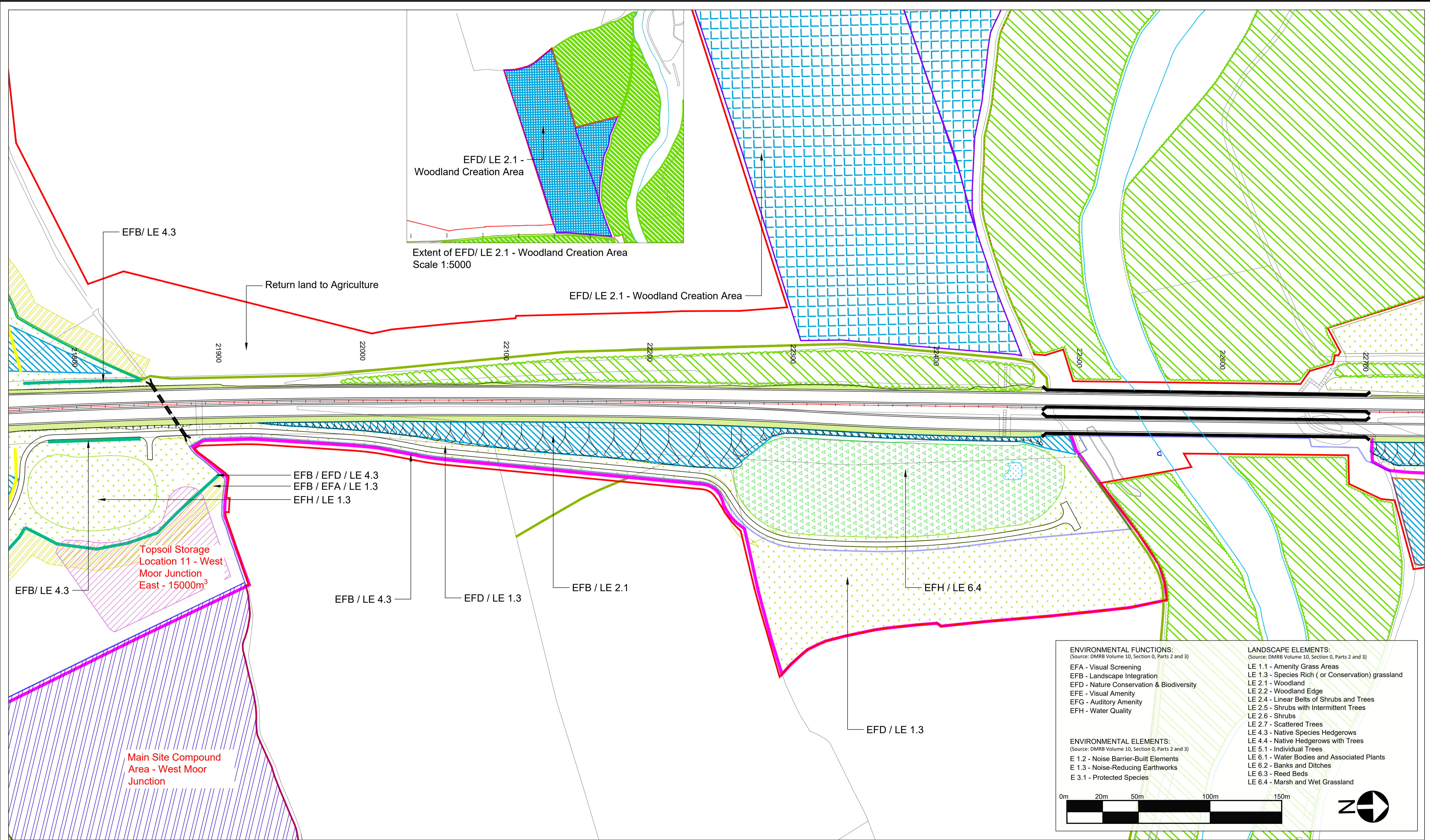
For Information	S1	Project Title <b>A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM</b>			
		Drawing Title <b>Figure 7.8 - Landscape Mitigation Masterplan SHEET 15 OF 19</b>			
Scale 1:1250	Drawn FS	Eng. Check CH	Approved KS	Authorised DM	
Original Size A1	Date 14.03.2019	Date 14.03.2019	Date 14.03.2019	Date 14.03.2019	
Drawing Number HE551459	Project M2F	Originator WSP	Volume 6.5	Revision P08	
Section	Type	Direction	Type	Role	Number
					1942

DO NOT SCALE

Millimetres

0 10

100



<b>ENVIRONMENTAL FUNCTIONS:</b> <small>(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</small> EFA - Visual Screening EFB - Landscape Integration EFD - Nature Conservation & Biodiversity EFE - Visual Amenity EFG - Auditory Amenity EFH - Water Quality	<b>LANDSCAPE ELEMENTS:</b> <small>(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</small> 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
<b>ENVIRONMENTAL ELEMENTS:</b> <small>(Source: DMRB Volume 10, Section 0, Parts 2 and 3)</small> E 1.2 - Noise Barrier-Built Elements E 1.3 - Noise-Reducing Earthworks E 3.1 - Protected Species	

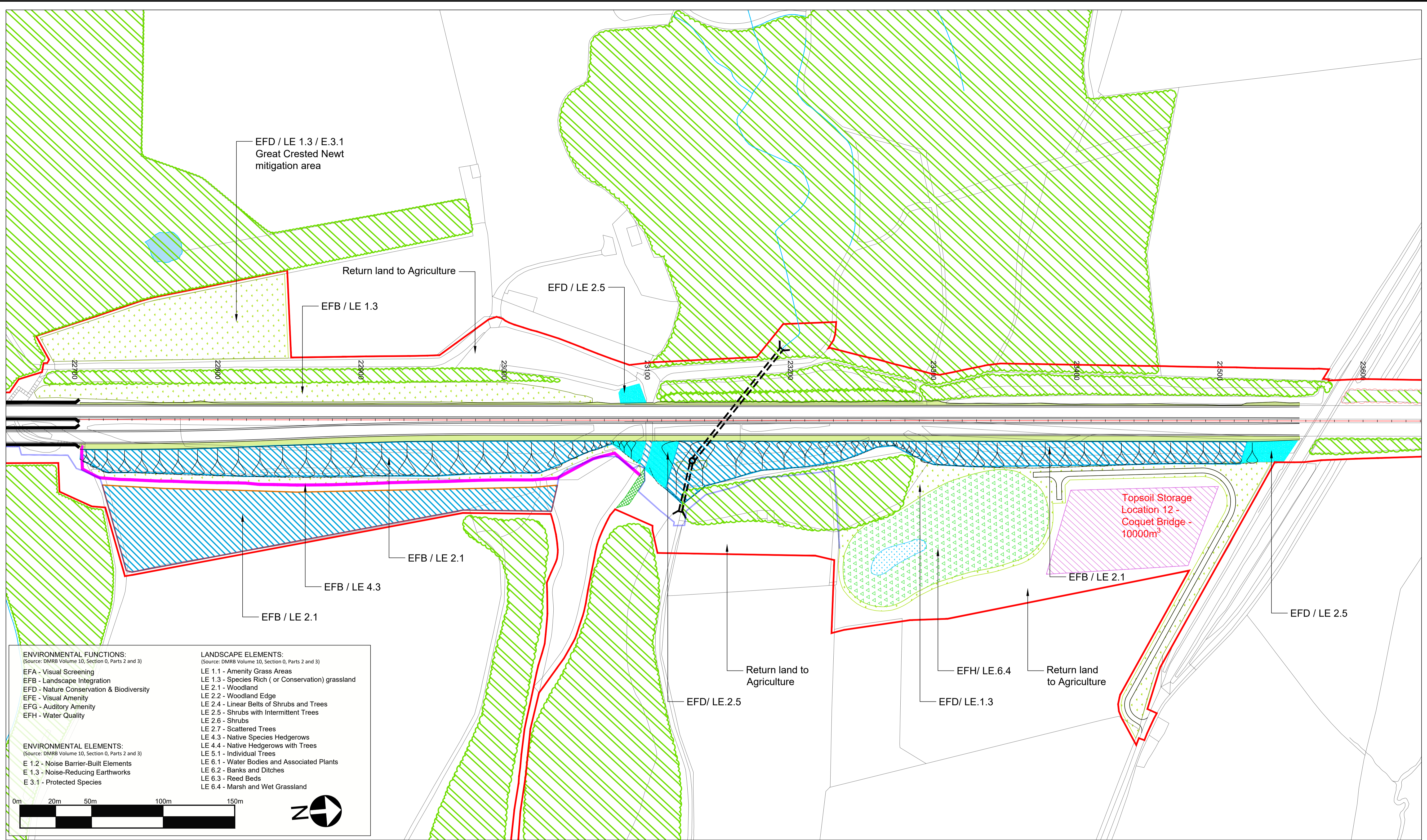
Existing habitats to be retained Existing hedgerow to be retained Proposed woodland Woodland Creation Area Existing running water	Proposed hedgerow - essential mitigation Proposed hedgerow - by agreement Proposed 'Coronation Avenue' trees Proposed individual trees Existing waterbodies	Proposed amenity grassland Proposed conservation grassland Grass verge / central reservations Arable field margins	Swale/Marginal planting / wetland Proposed Permanent Highway Boundary Vehicle Restraint System Proposed Great Crested Newt Pond	Proposed Temporary Boundary Noise barrier Anti reflective fencing Essential mitigation - earth bund	Proposed soil bund, slackening of slope or disposal of excess site material Proposed shrub - ecological mitigation
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Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		CL	CH	
4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	
P08	rv date	Rev 1 description				

© Crown Copyright and Database Rights 2020 Ordnance Survey 100030649	For Information	Status: S1	Project Title: A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM
Drawing Title: Figure 7.8 - Landscape Mitigation Masterplan SHEET 16 OF 19		Scale: 1:1250 Original Size: A1 Date: 14.03.2019	Drawing Number: HE551459 Project: M2F Section:
Drawn: FS Date: 14.03.2019	Eng. Check: CH Date: 14.03.2019	Approved: KS Date: 14.03.2019	Authorised: DM Date: 14.03.2019
Drawing Number: HE551459 Project: M2F Section:	Originator: WSP Direction: RP	Volume: 6.5 Role: LE Number: 1942	Revision: P08 PW Stage Code:

DO NOT SCALE

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Millimetres



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

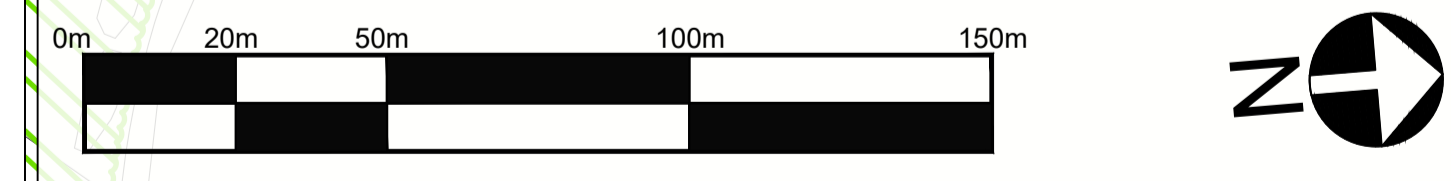
- EFA - Visual Screening
- EFB - Landscape Integration
- EFD - Nature Conservation & Biodiversity
- EFE - Visual Amenity
- EFG - Auditory Amenity
- EFH - Water Quality

**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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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					

Rev.	Date	Rev 1 description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		GL	CH	
4	21.03.2019	Update to highways layout		GL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	
P08						

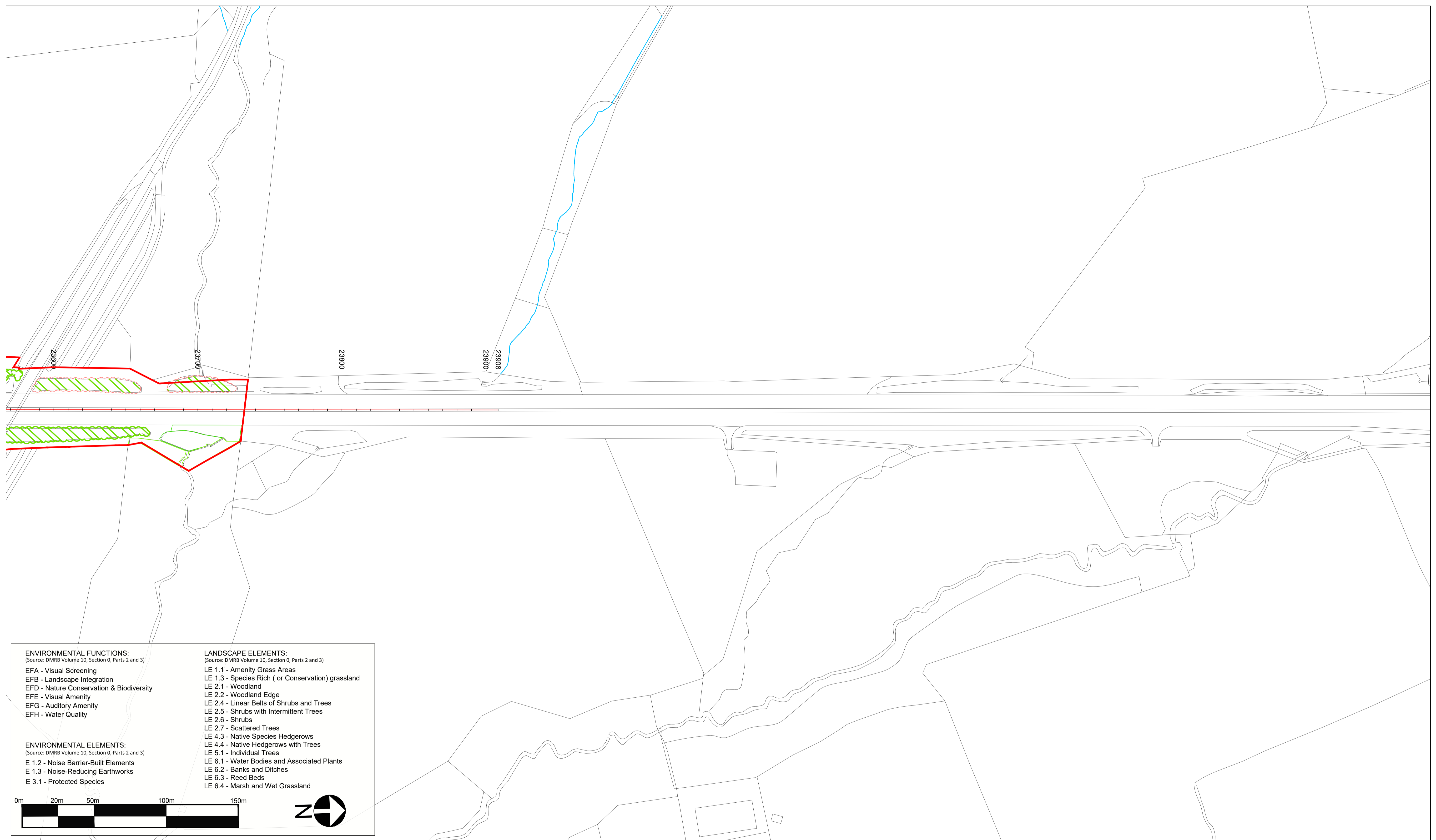
For Information

highways england

Suitability	Status	Project Title
Client	S1	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM
Drawing Title		
Figure 7.8 - Landscape Mitigation Masterplan SHEET 17 OF 19		
Scale	Drawn	Eng. Check
1:1250	FS	CH
Original Size	Date	Date
A1	14.03.2019	14.03.2019
Approved	Authorised	
KS	DM	
Date	Date	Date
14.03.2019	14.03.2019	14.03.2019
Drawing Number	Project	Volume
HE551459	WSP	6.5
Revision		
P08		
Drawing Number	Project	Volume
M2F	RP	LE
Section	Type	Role
	ID	Number
		1942

DO NOT SCALE

100  
0 10  
Millimetres



**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
- EFG - 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:**

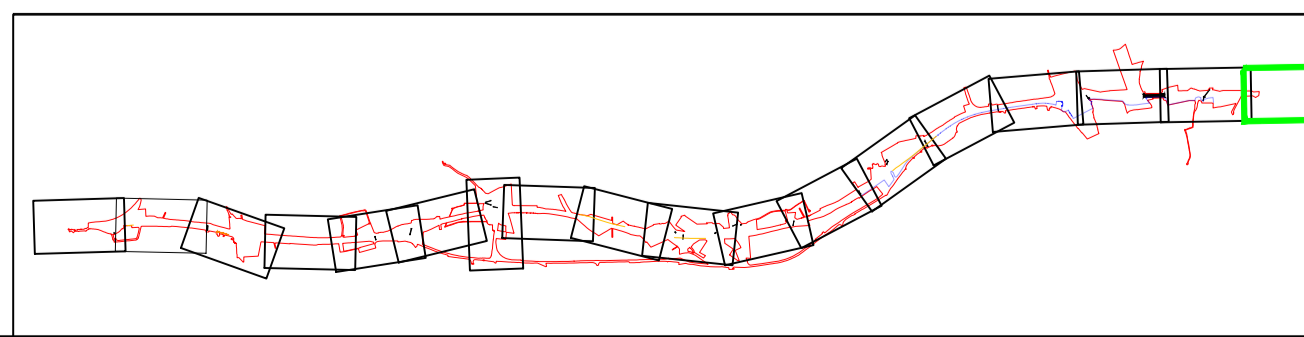
(Source: DMRB Volume 10, Section 0, Parts 2 and 3)

- LE 1.1 - Amenity Grass Areas
- LE 1.3 - Species Rich ( or Conservation) grassland
- LE 2.1 - Woodland
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- LE 6.3 - Reed Beds
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Existing habitats to be retained	Proposed hedgerow - essential mitigation	Proposed amenity grassland	Swale/Marginal planting / wetland	Proposed Temporary Boundary	Anti reflective fencing	Proposed soil bund, slackening of slope or disposal of excess site material
Existing hedgerow to be retained	Proposed hedgerow - by agreement	Proposed conservation grassland	Proposed Permanent Highway Boundary	Noise barrier	Essential mitigation - earth bund	Proposed shrub - ecological mitigation
Proposed woodland	Proposed 'Coronation Avenue' trees	Grass verge / central reservations	Vehicle Restraint System	Proposed Great Crested Newt Pond		
Woodland Creation Area	Proposed individual trees	Arable field margins				
Existing running water	Existing waterbodies					



Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		CL	CH	
4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	
P08	rv date	Rev 1 description				

Suitability: For Information

Status: S1

Client:

Project Title: A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM					
Drawing Title: Figure 7.8 - Landscape Mitigation Masterplan SHEET 18 OF 19					
Scale: 1:1250	Drawn: FS	Eng. Check: CH	Approved: KS	Authorised: DM	
Original Size: A1	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019	Date: 14.03.2019	
Drawing Number: HE551459	Project: M2F	Originator: WSP	Volume: 6.5	Revision: P08	
Section: M2F	Type: ID	Direction: RP	Type: LE	Role: 1942	Number: PW Stage Code

DO NOT SCALE

100  
Millimetres

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Indicative Grassland Seed Mixes	
Botanical Name	Common Name
<i>Landscape Element</i>	Description
LE.1.1	Amenity Grass Areas
LE.1.3	Species Rich ( or Conservation) grassland
LE.1.3	Species Rich ( or Conservation) grassland Arable Field Margins
LE.1.3	Species Rich ( or Conservation) grassland Ancient Woodland - understory
LE.1.3	Species Rich ( or Conservation) grassland verges / junctions
LE.6.3	Marsh an Wet Grassland
Seed mixes based on those supplied by Germinal Seeds.	

Indicative Native Hedgerow Mix		
Botanical Name	Common Name	% Mix
<i>Prunus spinosa</i>	Blackthorn	30
<i>Sambucus nigra</i>	Elder	5
<i>Crataegus monogyna</i>	Haw thorn	40
<i>Corylus avellana</i>	Hazel	10
<i>Ilex aquifolium</i>	Holly	7.5
<i>Rosa arvensis</i>	Field Rose	5
<i>Lonicera periclymenum</i>	Honeysuckle	2.5
<i>Prunus padus</i>	Bird Cherry	
<i>Quercus robur</i>	Common Oak	
<i>Sorbus aucuparia</i>	Row an	
<b>Total</b>		<b>100%</b>

Indicative Ancient Woodland Replacement Mix		
Botanical Name	Common Name	% Mix
<i>Aesculus hippocastanum</i>	Horse Chestnut	5
<i>Fagus sylvatica</i>	Beech	15
<i>Quercus petraea</i>	Sessile Oak	10
<i>Quercus robur</i>	Common Oak	10
<i>Sorbus aucuparia</i>	Row an	10
<i>Betula pendula</i>	Silver Birch	10
<i>Acer campestre</i>	Field Maple	7.5
<i>Sambucus nigra</i>	Elder	5
<i>Prunus avium</i>	Gean Cherry	7.5
<i>Viburnum opulus</i>	Guelder Rose	5
<i>Ilex aquifolium</i>	Holly	5
<i>Corylus avellana</i>	Hazel	10
<b>Total</b>		<b>100%</b>

Indicative Shrubs & Shrubs with Intermittent Trees Mix		
Botanical Name	Common Name	% Mix
<b>Shrubs</b>		
<i>Prunus spinosa</i>	Blackthorn	20
<i>Sambucus nigra</i>	Elder	15
<i>Rosa canina</i>	Dog Rose	15
<i>Acer campestre</i>	Field Maple	20
<i>Corylus avellana</i>	Hazel	30
<b>Feathered Trees</b>		
<i>Prunus padus</i>	Bird Cherry	
<i>Quercus robur</i>	Common Oak	
<i>Sorbus aucuparia</i>	Row an	
<b>Total</b>		<b>100%</b>

Indicative Woodland Block Planting Mix		
Botanical Name	Common Name	% Mix
<i>Fagus sylvatica</i>	Beech	10
<i>Quercus robur</i>	Common Oak	20
<i>Sorbus aucuparia</i>	Row an	10
<i>Betula pendula</i>	Silver Birch	10
<i>Acer campestre</i>	Field Maple	7.5
<i>Sambucus nigra</i>	Elder	5
<i>Prunus avium</i>	Gean Cherry	7.5
<i>Viburnum opulus</i>	Guelder Rose	5
<i>Ilex aquifolium</i>	Holly	5
<i>Corylus avellana</i>	Hazel	10
<i>Tilia platyphyllos</i>	Large Leaved Lime	10
<b>Total</b>		<b>100%</b>

Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
8	June 2020	Project Details Updated		GH	AW	NM
7	29.08.2019	Update to Key		GH	AW	NM
6	05.06.2019	Update to landscape hatches		CM	CH	NM
5	25.03.2019	Update to Key		CL	CH	
4	21.03.2019	Update to highways layout		CL	CH	
3	19.03.2019	Update to landscape hatches		CL	CH	
2	14.03.2019	Changes to Temporary Boundary		FS	CH	
P08	rv date	Rev 1 description		By	Eng	Disc

Suitability	For Information
Status	S1
Client	

Project Title	A1 IN NORTHUMBERLAND: MORPETH TO ELLINGHAM								
Drawing Title	Figure 7.8 - Landscape Mitigation Masterplan SHEET 19 OF 19								
Scale	1:1250	Drawn	FS	Eng. Check	CH	Approved	KS	Authorised	DM
Original Size	A1	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019	Date	14.03.2019
Drawing Number	HE551459		Project	WSP		Volume	6,5		
Revision	P08		Drawing Number	M2F		Section	RP LE 1942		
PW Stage Code									

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If you have any enquiries about this document [A1inNorthumberland@highwaysengland.co.uk](mailto:A1inNorthumberland@highwaysengland.co.uk) or call 0300 470 4580\*.

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