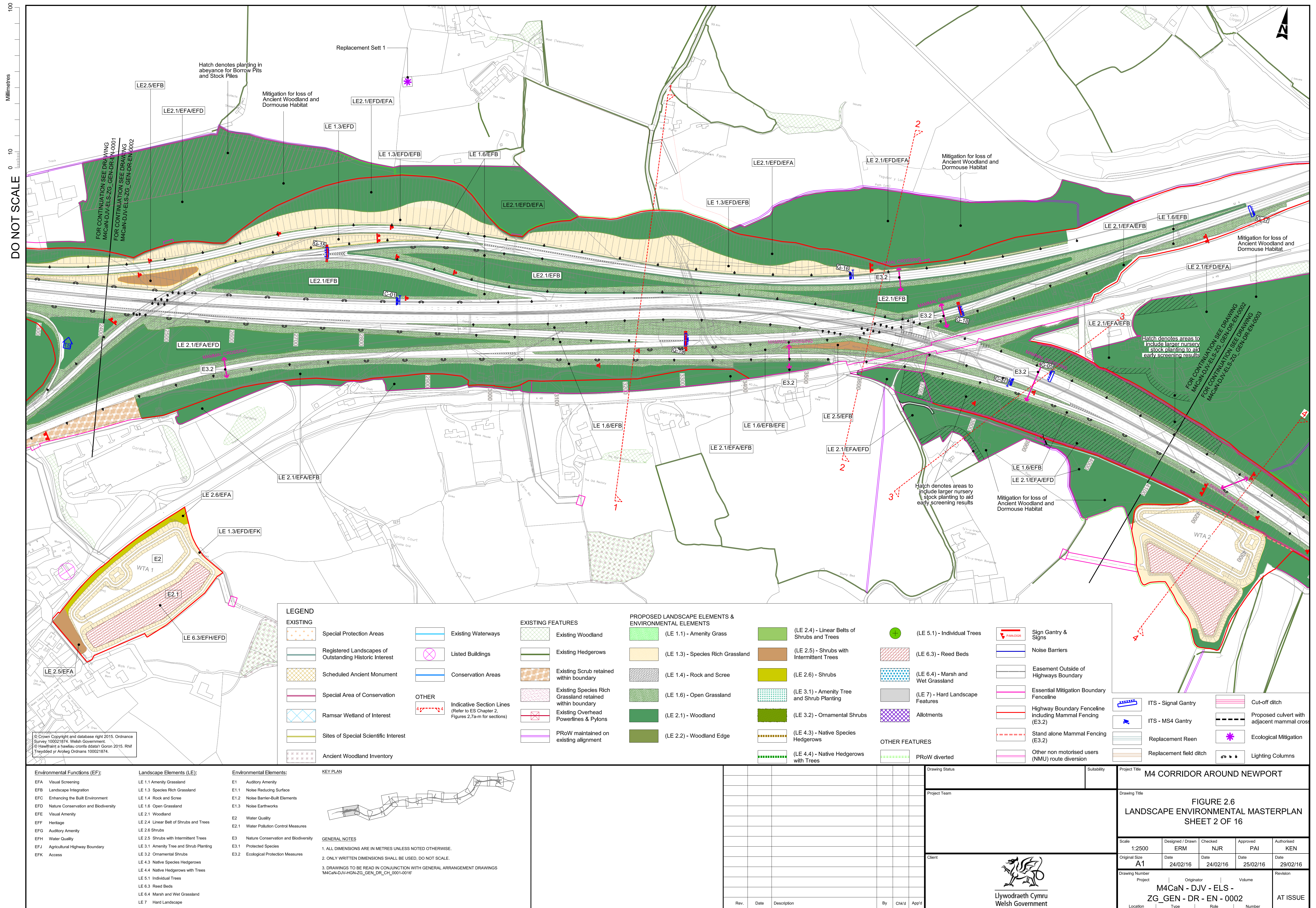
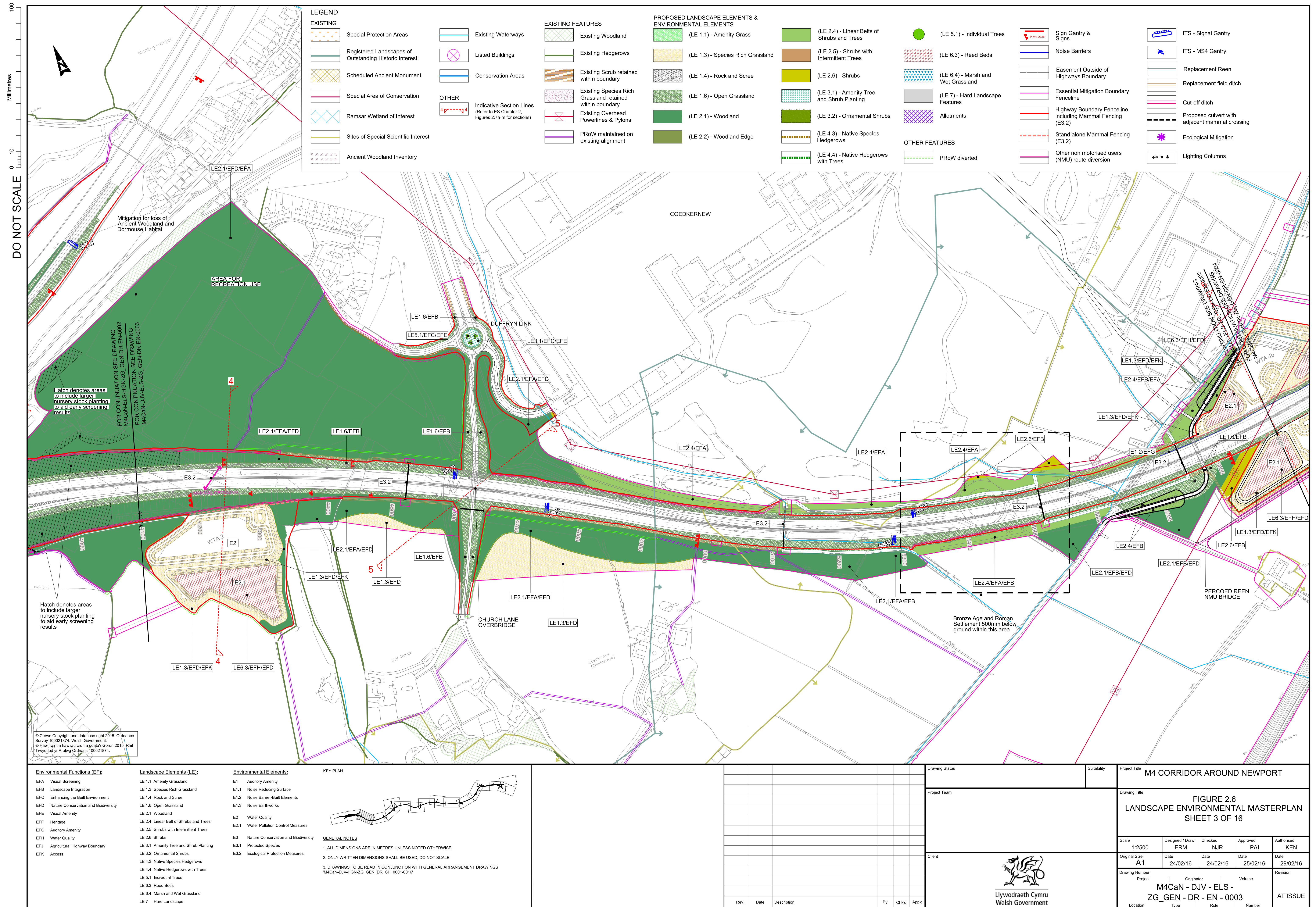
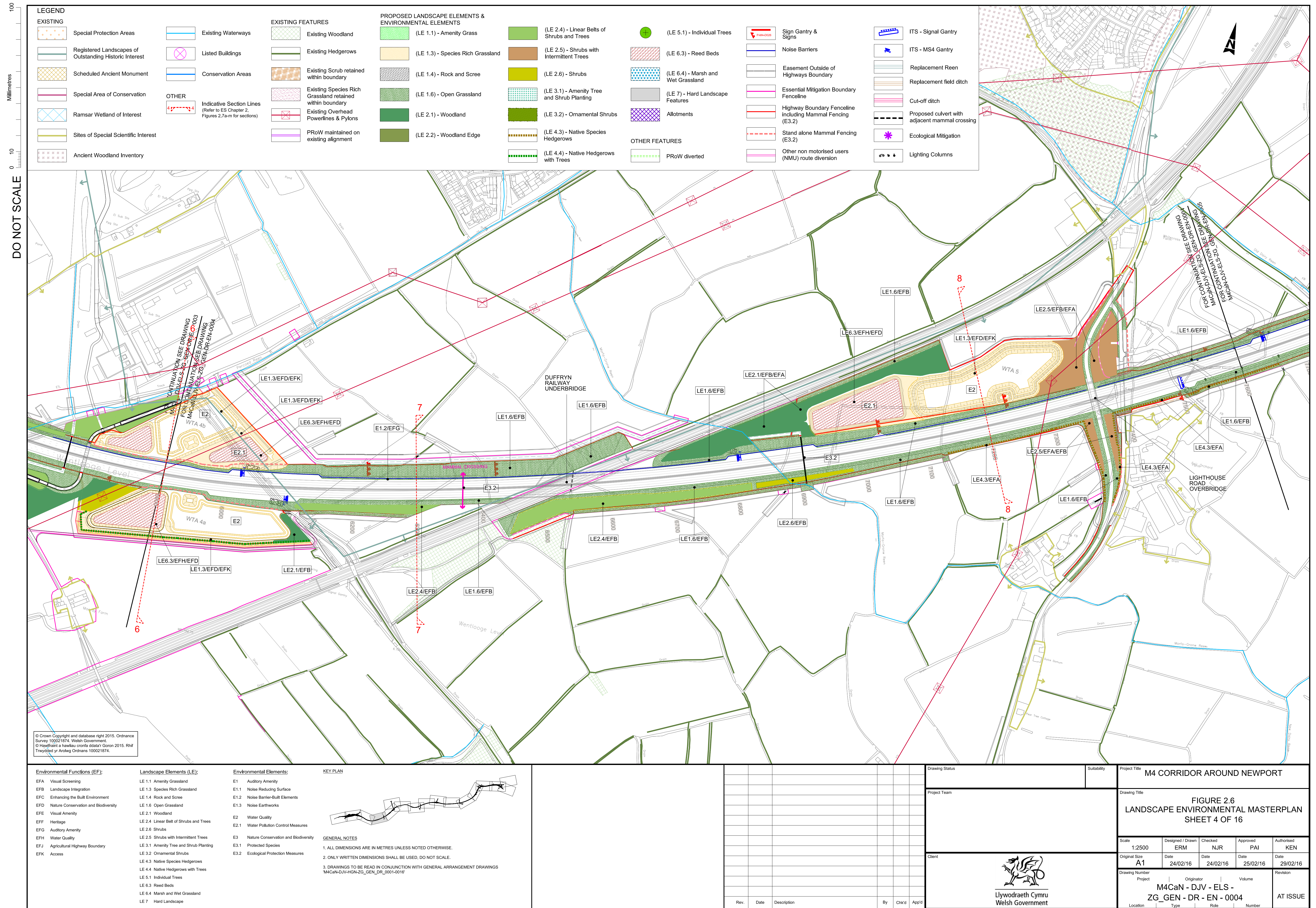








DO NOT SCALE

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Metres

LEGEND

EXISTING

Special Protection Areas

Registered Landscapes of Outstanding Historic Interest

Scheduled Ancient Monument

Special Area of Conservation

Ramsar Wetland of Interest

Sites of Special Scientific Interest

Ancient Woodland Inventory

Existing Waterways

Listed Buildings

Conservation Areas

OTHER

Indicative Section Lines
(Refer to ES Chapter 2, Figures 2.7a-m for sections)

EXISTING FEATURES

Existing Woodland

Existing Hedgerows

Existing Scrub retained within boundary

Existing Species Rich Grassland retained within boundary

Existing Overhead Powerlines & Pylons

PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

(LE 1.1) - Amenity Grass

(LE 1.3) - Species Rich Grassland

(LE 1.4) - Rock and Scree

(LE 1.6) - Open 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 3.1) - Amenity Tree and Shrub Planting

(LE 3.2) - Ornamental Shrubs

(LE 4.3) - Native Species Hedgerows

(LE 4.4) - Native Hedgerows with Trees

(LE 5.1) - Individual Trees

(LE 6.3) - Reed Beds

(LE 6.4) - Marsh and Wet Grassland

(LE 7) - Hard Landscape Features

Allotments

OTHER FEATURES

PRoW diverted

Sign Gantry & Signs

Noise Barriers

Easement Outside of Highways Boundary

Essential Mitigation Boundary Fenceline

Highway Boundary Fenceline including Mammal Fencing (E3.2)

Stand alone Mammal Fencing (E3.2)

Other non motorised users (NMT) route diversion

ITS - Signal Gantry

ITS - MS4 Gantry

Replacement Reen

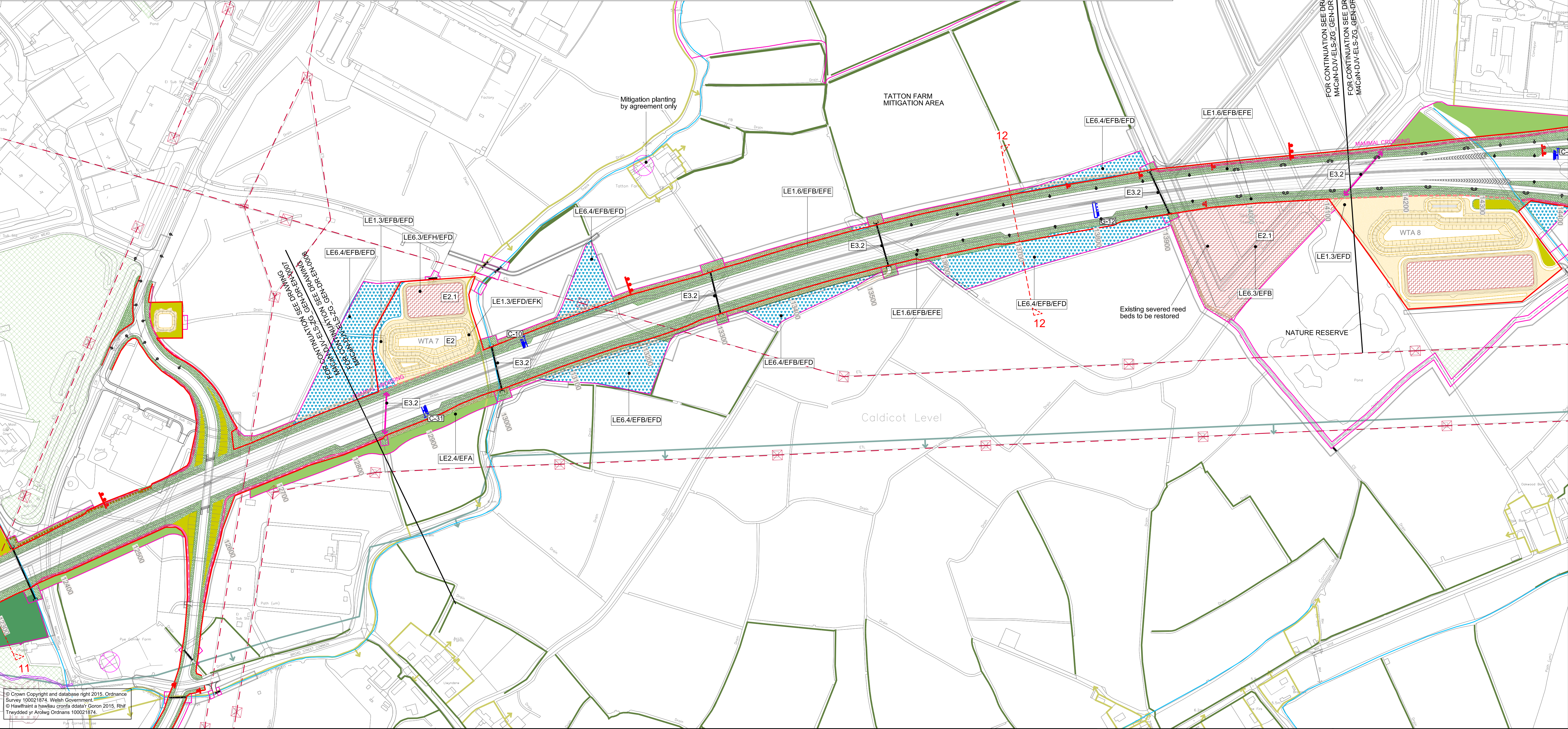
Replacement field ditch

Cut-off ditch

Proposed culvert with adjacent mammal crossing

Ecological Mitigation

Lighting Columns



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Trwydded yr Arolwg Ordians 100021874.

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

Landscape Elements (LE):

LE 1.1 Amenity Grassland

LE 1.3 Species Rich Grassland

LE 1.4 Rock and Scree

LE 1.6 Open Grassland

LE 2.1 Woodland

LE 2.4 Linear Belt of Shrubs and Trees

LE 2.5 Shrubs with Intermittent Trees

LE 2.6 Shrubs

LE 3.1 Amenity Tree and Shrub Planting

LE 3.2 Ornamental Shrubs

LE 4.3 Native Species Hedgerows

LE 4.4 Native Hedgerows with Trees

LE 5.1 Individual Trees

LE 6.3 Reed Beds

LE 6.4 Marsh and Wet Grassland

LE 7 Hard Landscape

Environmental Elements:

E1 Auditory Amenity

E1.1 Noise Reducing Surface

E1.2 Noise Barrier-Built Elements

E1.3 Noise Earthworks

E2 Water Quality

E2.1 Water Pollution Control Measures

E3 Nature Conservation and Biodiversity

E3.1 Protected Species

E3.2 Ecological Protection Measures

KEY PLAN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4Can-DJV-HGN-ZG_GEN-DR-EN-0016'

Drawing Status

Suitability

Project Title

M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title

FIGURE 2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 8 OF 16

Client

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

KEN

Original Size

A1

Date

24/02/16

Date

24/02/16

Date

25/02/16

Date

29/02/16

Drawing Number

Project

M4Can - DJV - ELS -
ZG_GEN - DR - EN - 0008

Originator

Volume

Revision

AT ISSUE

Rev.

Date

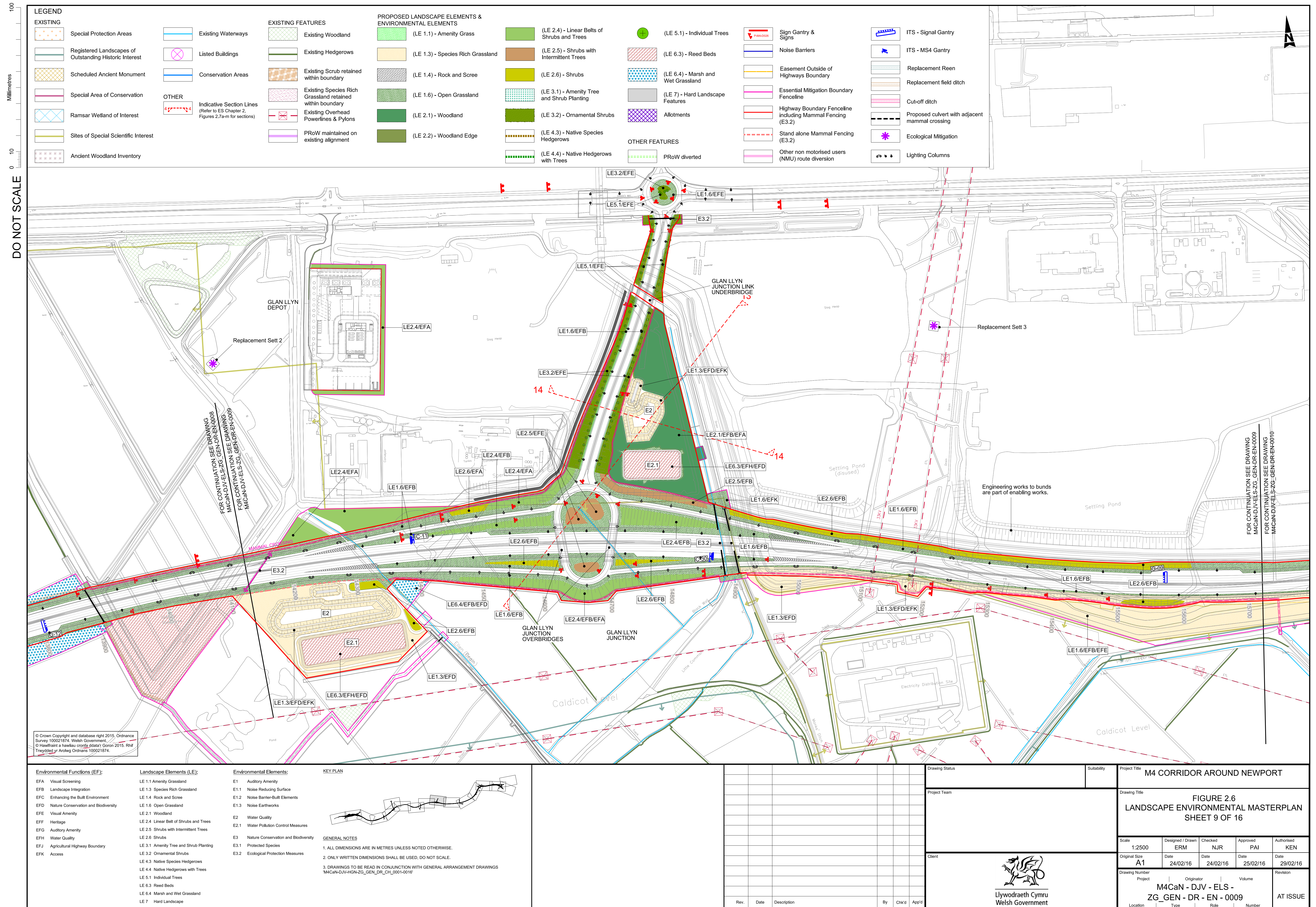
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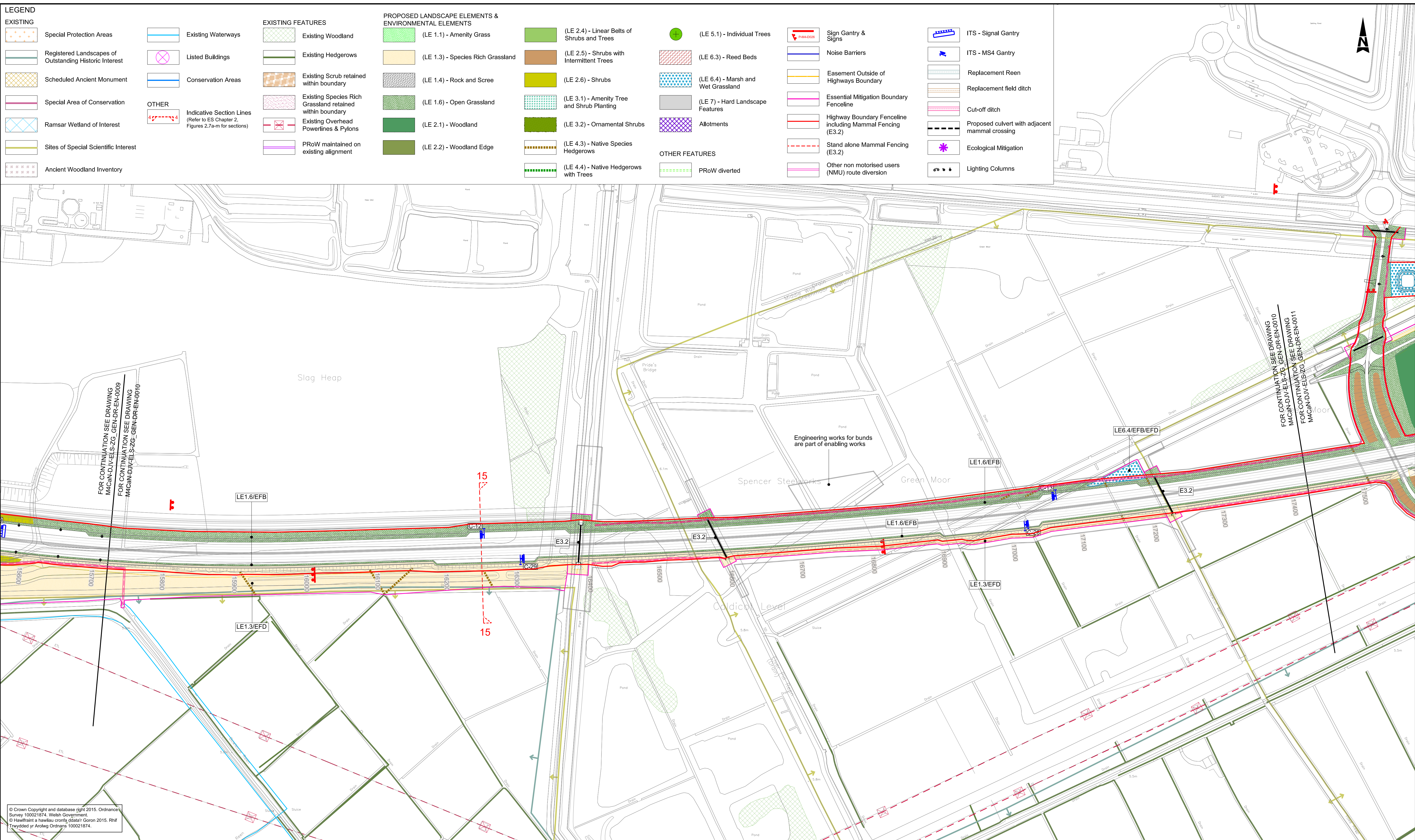
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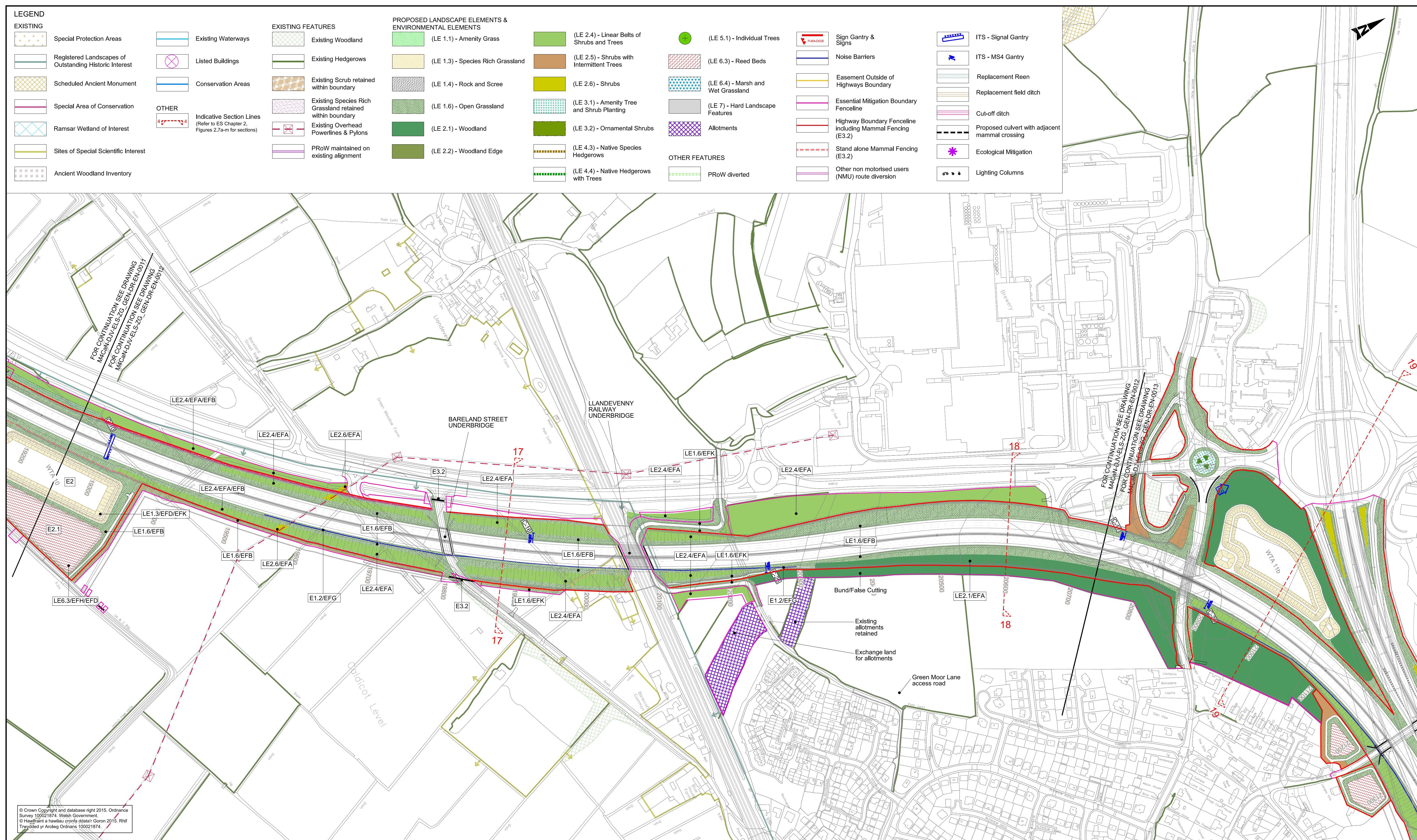
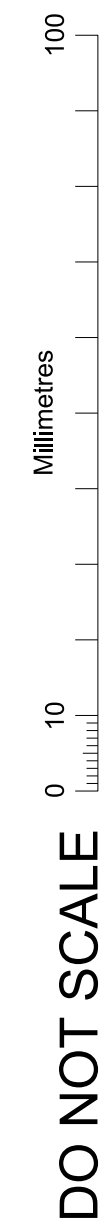
Llywodraeth Cymru
Welsh Government

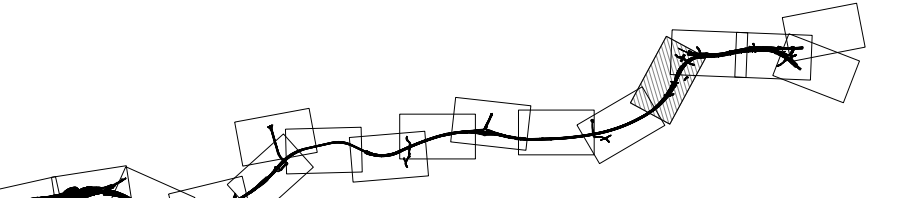


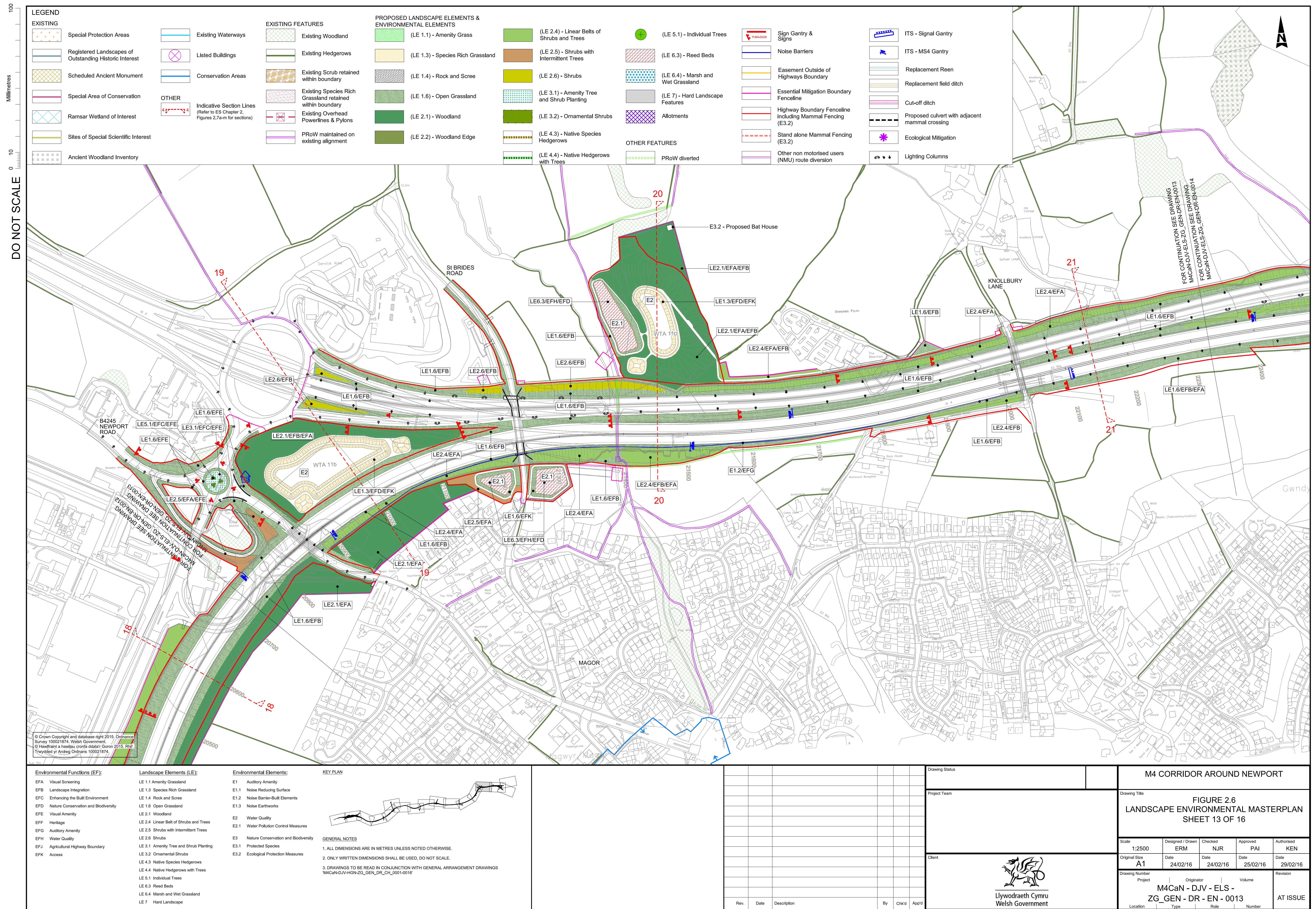
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Environmental Functions (EF):		Landscape Elements (LE):		Environmental Elements:		KEY PLAN						Drawing Status		Suitability		Project Title																			
EFA	Visual Screening	LE 1.1	Amenity Grassland	E1	Auditory Amenity							Project Team		Drawing Title																					
EFB	Landscape Integration	LE 1.3	Species Rich Grassland	E1.1	Noise Reducing Surface													FIGURE 2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 10 OF 16																	
EFC	Enhancing the Built Environment	LE 1.4	Rock and Scree	E1.2	Noise Barrier-Built Elements																														
EFD	Nature Conservation and Biodiversity	LE 1.6	Open Grassland	E1.3	Noise Earthworks									Scale																					
EFE	Visual Amenity	LE 2.1	Woodland	E2	Water Quality													1:2500		Designed / Drawn		Checked		Approved		Authorised									
EFF	Heritage	LE 2.4	Linear Belt of Shrubs and Trees	E2.1	Water Pollution Control Measures													ERM		NJR		PAI		KEN											
EFG	Auditory Amenity	LE 2.5	Shrubs with Intermittent Trees	E3	Nature Conservation and Biodiversity																														
EFH	Water Quality	LE 2.6	Shrubs	E3.1	Protected Species	GENERAL NOTES						Client		Original Size																					
EFJ	Agricultural Highway Boundary	LE 3.1	Amenity Tree and Shrub Planting	E3.2	Ecological Protection Measures	1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.												A1		Date		24/02/16		Date		24/02/16		Date		25/02/16		Date		29/02/16	
EPK	Access	LE 3.2	Ornamental Shrubs	2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.																															
		LE 4.3	Native Species Hedgerows	3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN-DR-CH_0001-0016'																															
		LE 4.4	Native Hedgerows with Trees																																
		LE 5.1	Individual Trees																																
		LE 6.3	Reed Beds																																
		LE 6.4	Marsh and Wet Grassland																																
		LE 7	Hard Landscape																																



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EFO	Auditory Amenity	LE 2.5	Shrubs with Intermittent Trees	E3	Nature Conservation and Biodiversity	GENERAL NOTES 1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. 2. ONLY WRITTEN DIMENSIONS SHALL BE USED. DO NOT SCALE. 3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016						Client		 Llywodraeth Cymru Welsh Government		Drawing Number Project M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0012		Originator Volume		Revision AT ISSUE																									
EFH	Water Quality	LE 2.6	Shrubs	E3.1	Protected Species																																								
EFJ	Agricultural Highway Boundary	LE 3.1	Amenity Tree and Shrub Planting	E3.2	Ecological Protection Measures																																								
EFK	Access	LE 3.2	Ornamental Shrubs																																										
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		LE 5.1	Individual Trees			<table><tr><td>Rev.</td><td>Date</td><td>Description</td><td>By</td><td>Ck'd</td><td>App'd</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>						Rev.	Date	Description	By	Ck'd	App'd																			Original Size A1		Date 24/02/16		Date 24/02/16		Date 25/02/16		Date 29/02/16	
Rev.	Date	Description	By	Ck'd	App'd																																								
		LE 6.3	Reed Beds																																										
		LE 6.4	Marsh and Wet Grassland																																										
		LE 7	Hard Landscape																																										

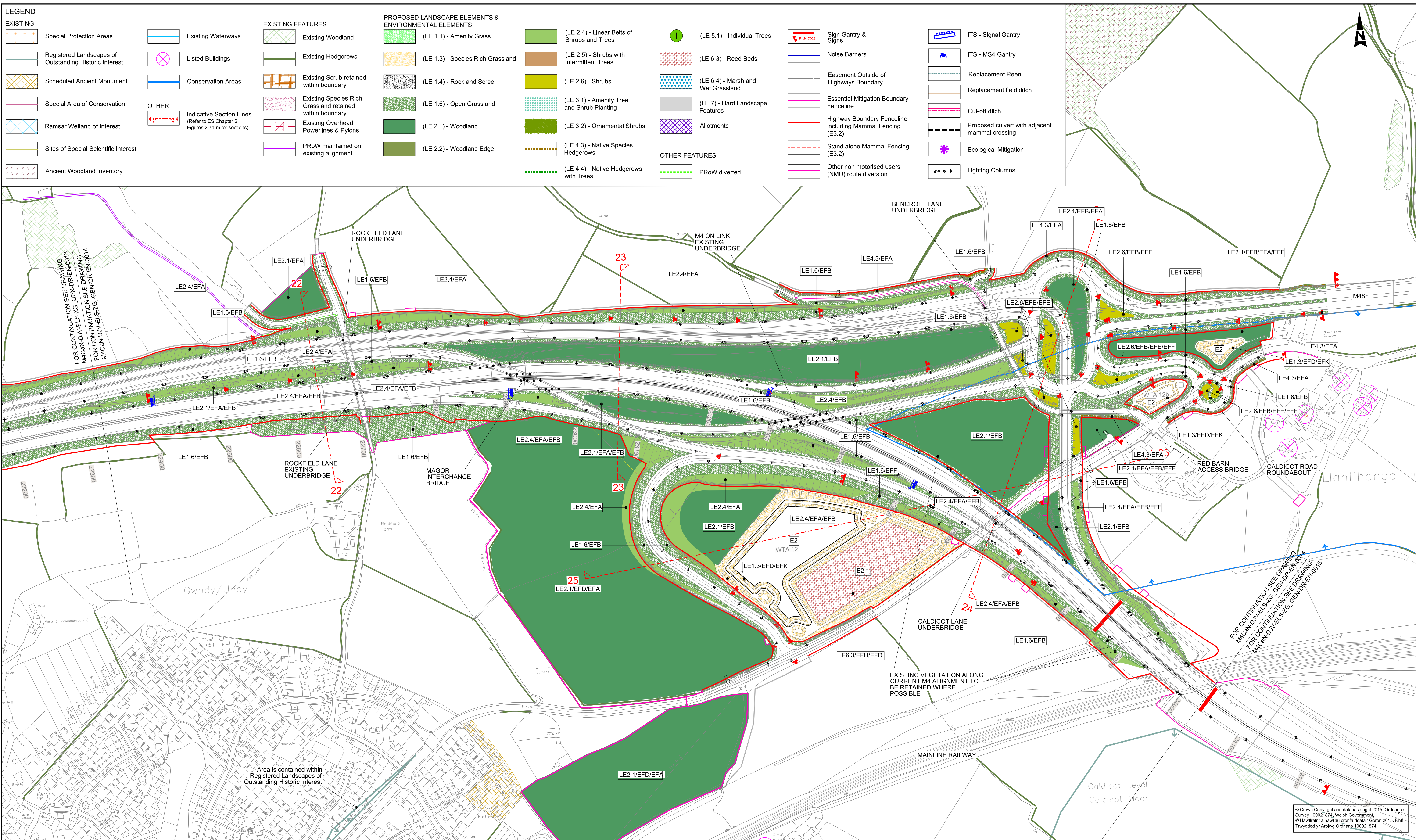


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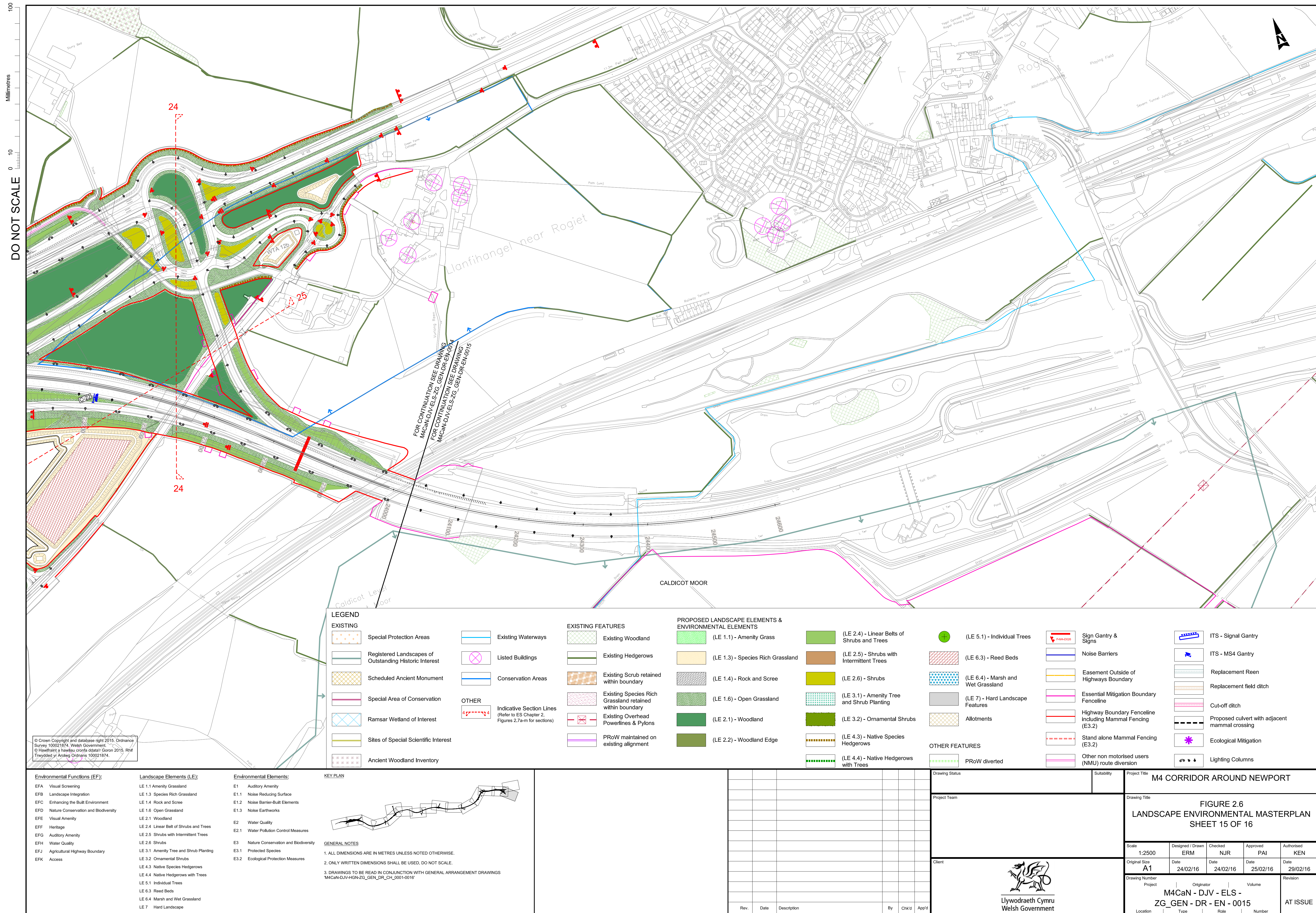
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Environmental Functions (EF): EFA Visual Screening EFB Landscape Integration EFC Enhancing the Built Environment EFD Nature Conservation and Biodiversity EFE Visual Amenity EFF Heritage EFG Auditory Amenity EFH Water Quality EFJ Agricultural Highway Boundary EFK Access	Landscape Elements (LE): LE 1.1 Amenity Grassland LE 1.3 Species Rich Grassland LE 1.4 Rock and Scree LE 1.6 Open Grassland LE 2.1 Woodland LE 2.4 Linear Belt of Shrubs and Trees LE 2.5 Shrubs with Intermittent Trees LE 2.6 Shrubs LE 3.1 Amenity Tree and Shrub Planting LE 3.2 Ornamental Shrubs LE 4.3 Native Species Hedgerows LE 4.4 Native Hedgerows with Trees LE 5.1 Individual Trees LE 6.3 Reed Beds LE 6.4 Marsh and Wet Grassland LE 7 Hard Landscape	Environmental Elements: E1 Auditory Amenity E1.1 Noise Reducing Surface E1.2 Noise Barrier-Built Elements E1.3 Noise Earthworks E2 Water Quality E2.1 Water Pollution Control Measures E3 Nature Conservation and Biodiversity E3.1 Protected Species E3.2 Ecological Protection Measures	KEY PLAN 	GENERAL NOTES 1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. 2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE. 3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN-DR-EN-0016'	<table><tr><th>Rev.</th><th>Date</th><th>Description</th><th>By</th><th>Chk'd</th><th>App'd</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>	Rev.	Date	Description	By	Chk'd	App'd							<table><tr><td>Drawing Status</td><td>Suitability</td><td>Project Title</td></tr><tr><td> </td><td> </td><td>M4 CORRIDOR AROUND NEWPORT</td></tr><tr><td>Project Team</td><td colspan="2">Drawing Title</td></tr><tr><td> </td><td colspan="2">FIGURE 2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 14 OF 16</td></tr><tr><td>Client</td><td>Scale</td><td>Designed / Drawn</td></tr><tr><td rowspan="4"> Llywodraeth Cymru Welsh Government</td><td>Original Size</td><td>ERM</td><td>Checked</td><td>NJR</td><td>Approved</td><td>PAI</td><td>Authorised</td><td>KEN</td></tr><tr><td>Date</td><td>24/02/16</td><td>Date</td><td>24/02/16</td><td>Date</td><td>25/02/16</td><td>Date</td><td>29/02/16</td></tr><tr><td>Drawing Number</td><td>Project</td><td>Originator</td><td>Volume</td><td>Revision</td><td colspan="3"> </td></tr><tr><td colspan="3">M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0014</td><td colspan="3">AT ISSUE</td></tr></table>	Drawing Status	Suitability	Project Title			M4 CORRIDOR AROUND NEWPORT	Project Team	Drawing Title			FIGURE 2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 14 OF 16		Client	Scale	Designed / Drawn	 Llywodraeth Cymru Welsh Government	Original Size	ERM	Checked	NJR	Approved	PAI	Authorised	KEN	Date	24/02/16	Date	24/02/16	Date	25/02/16	Date	29/02/16	Drawing Number	Project	Originator	Volume	Revision				M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0014			AT ISSUE		
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DO NOT SCALE

LEGEND

EXISTING

Special Protection Areas

Registered Landscapes of Outstanding Historic Interest

Scheduled Ancient Monument

Special Area of Conservation

Ramsar Wetland of Interest

Sites of Special Scientific Interest

Ancient Woodland Inventory

EXISTING FEATURES

Existing Waterways

Listed Buildings

Conservation Areas

OTHER

Indicative Section Lines
(Refer to ES Chapter 2, Figures 2.7a-m for sections)

EXISTING FEATURES

Existing Woodland

Existing Hedgerows

Existing Scrub retained within boundary

Existing Species Rich Grassland retained within boundary

Existing Overhead Powerlines & Pylons

PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

(LE 1.1) - Amenity Grass

(LE 1.3) - Species Rich Grassland

(LE 1.4) - Rock and Scree

(LE 1.6) - Open 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 3.1) - Amenity Tree and Shrub Planting

(LE 3.2) - Ornamental Shrubs

(LE 4.3) - Native Species Hedgerows

(LE 4.4) - Native Hedgerows with Trees

(LE 5.1) - Individual Trees

(LE 6.3) - Reed Beds

(LE 6.4) - Marsh and Wet Grassland

(LE 7) - Hard Landscape Features

Allotments

OTHER FEATURES

PRoW diverted

Sign Gantry & Signs

Noise Barriers

Easement Outside of Highways Boundary

Essential Mitigation Boundary Fenceline

Highway Boundary Fenceline including Mammal Fencing (E3.2)

Stand alone Mammal Fencing (E3.2)

Other non motorised users (NMU) route diversion

ITS - Signal Gantry

ITS - MS4 Gantry

Replacement Reen

Replacement field ditch

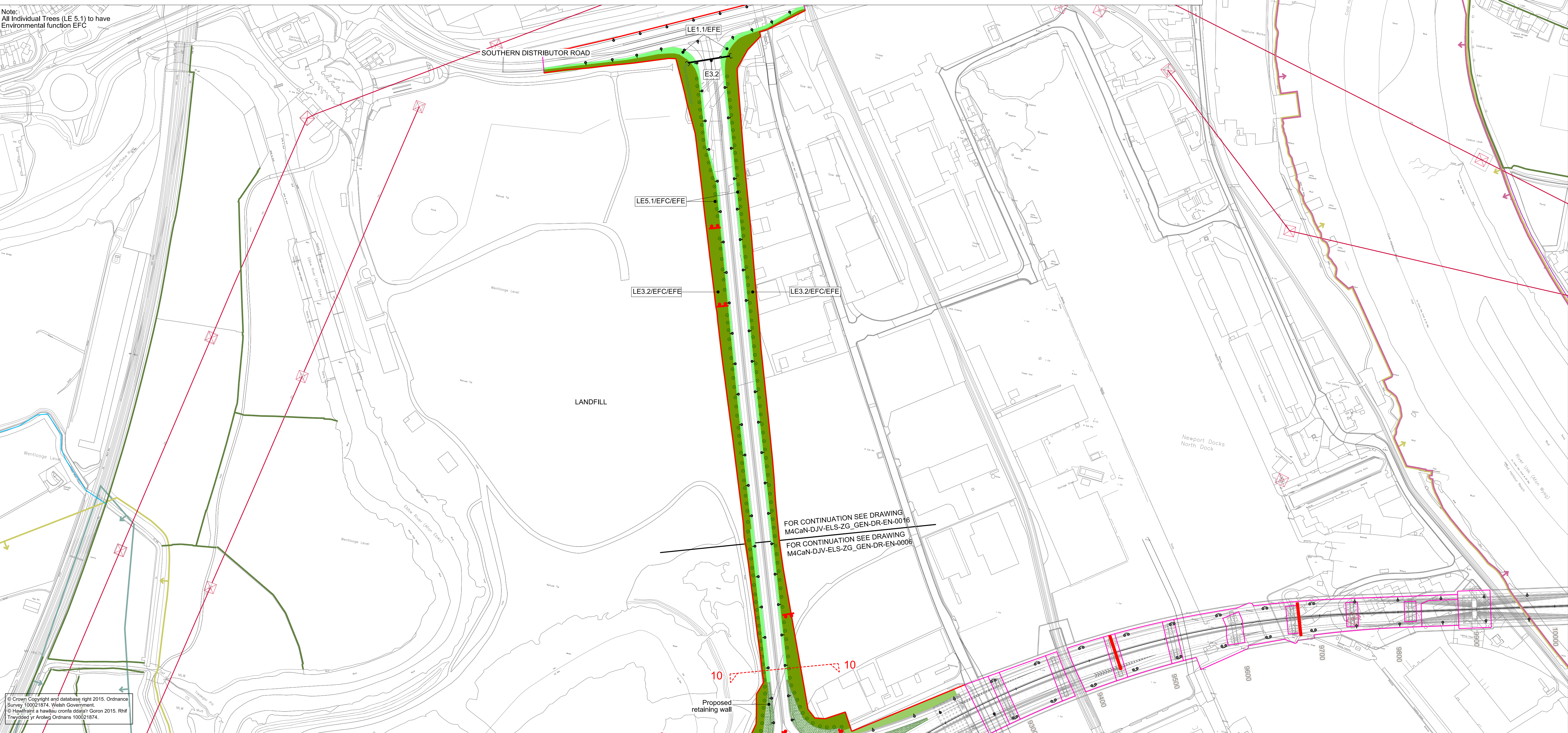
Cut-off ditch

Proposed culvert with adjacent mammal crossing

Ecological Mitigation

Lighting Columns

Note:
All Individual Trees (LE 5.1) to have Environmental function EFC



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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	Landscape Elements (LE): LE 1.1 Amenity Grassland LE 1.3 Species Rich Grassland LE 1.4 Rock and Scree LE 1.6 Open Grassland LE 2.1 Woodland LE 2.4 Linear Belt of Shrubs and Trees LE 2.5 Shrubs with Intermittent Trees LE 2.6 Shrubs LE 3.1 Amenity Tree and Shrub Planting LE 3.2 Ornamental Shrubs LE 4.3 Native Species Hedgerows LE 4.4 Native Hedgerows with Trees LE 5.1 Individual Trees LE 6.3 Reed Beds LE 6.4 Marsh and Wet Grassland LE 7 Hard Landscape	Environmental Elements: E1 Auditory Amenity E1.1 Noise Reducing Surface E1.2 Noise Barrier-Built Elements E1.3 Noise Earthworks E2 Water Quality E2.1 Water Pollution Control Measures E3 Nature Conservation and Biodiversity E3.1 Protected Species E3.2 Ecological Protection Measures	KEY PLAN GENERAL NOTES 1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. 2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE. 3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'	Rev. Date Description By Chk'd App'd	Drawing Status Project Team Client Llywodraeth Cymru Welsh Government	Suitability Project Title M4 CORRIDOR AROUND NEWPORT Drawing Title FIGURE 2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 16 OF 16 Scale 1:2500 Designed / Drawn ERM Checked NJR Approved PAI Authorised KEN Original Size A1 Date 24/02/16 Date 24/02/16 Date 25/02/16 Date 29/02/16 Drawing Number Project M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0016 Originator Volume Revision AT ISSUE
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