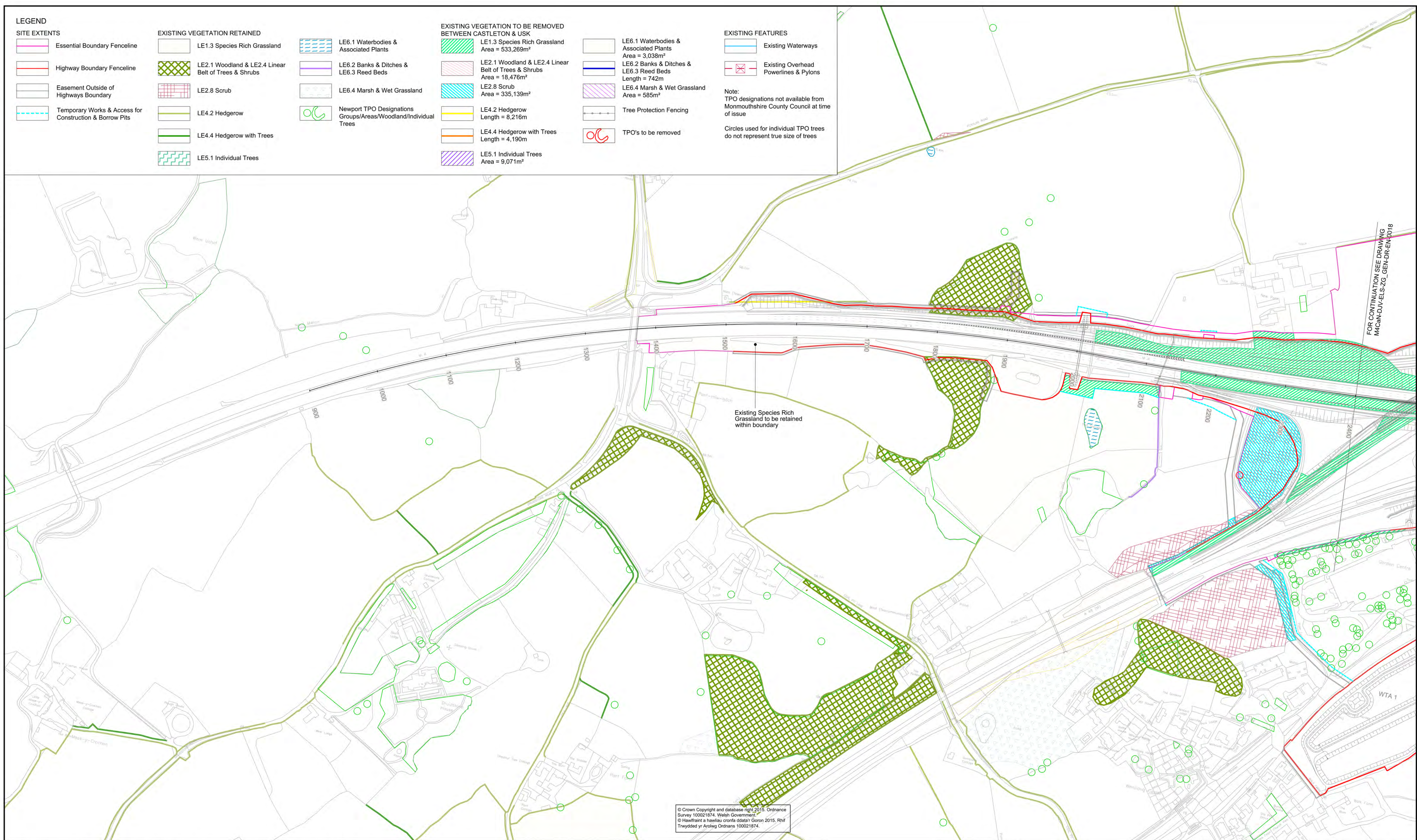


Millimetres



Environmental Functions (EF):	Landscape Elements (LE):	Environmental Elements:	KEY PLAN
EFA Visual Screening	LE 1.1 Amenity Grassland	E1 Auditory Amenity	
EFB Landscape Integration	LE 1.3 Species Rich Grassland	E1.1 Noise Reducing Surface	
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	
EFE Visual Amenity	LE 2.1 Woodland	E2 Water Quality	
EFF Heritage	LE 2.4 Linear Belt of Shrubs and Trees	E2.1 Water Pollution Control Measures	
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	
E1J Agricultural Highway Boundary	LE 3.1 Amenity Tree and Shrub Planting	E3.2 Ecological Protection Measures	
E1K Access	LE 3.2 Ornamental Shrubs		
	LE 4.3 Native Species Hedgerows		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 LANDSCAPE ENVIRONMENTAL MASTERPLAN DRAWINGS 'M4Cn-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4Cn-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		

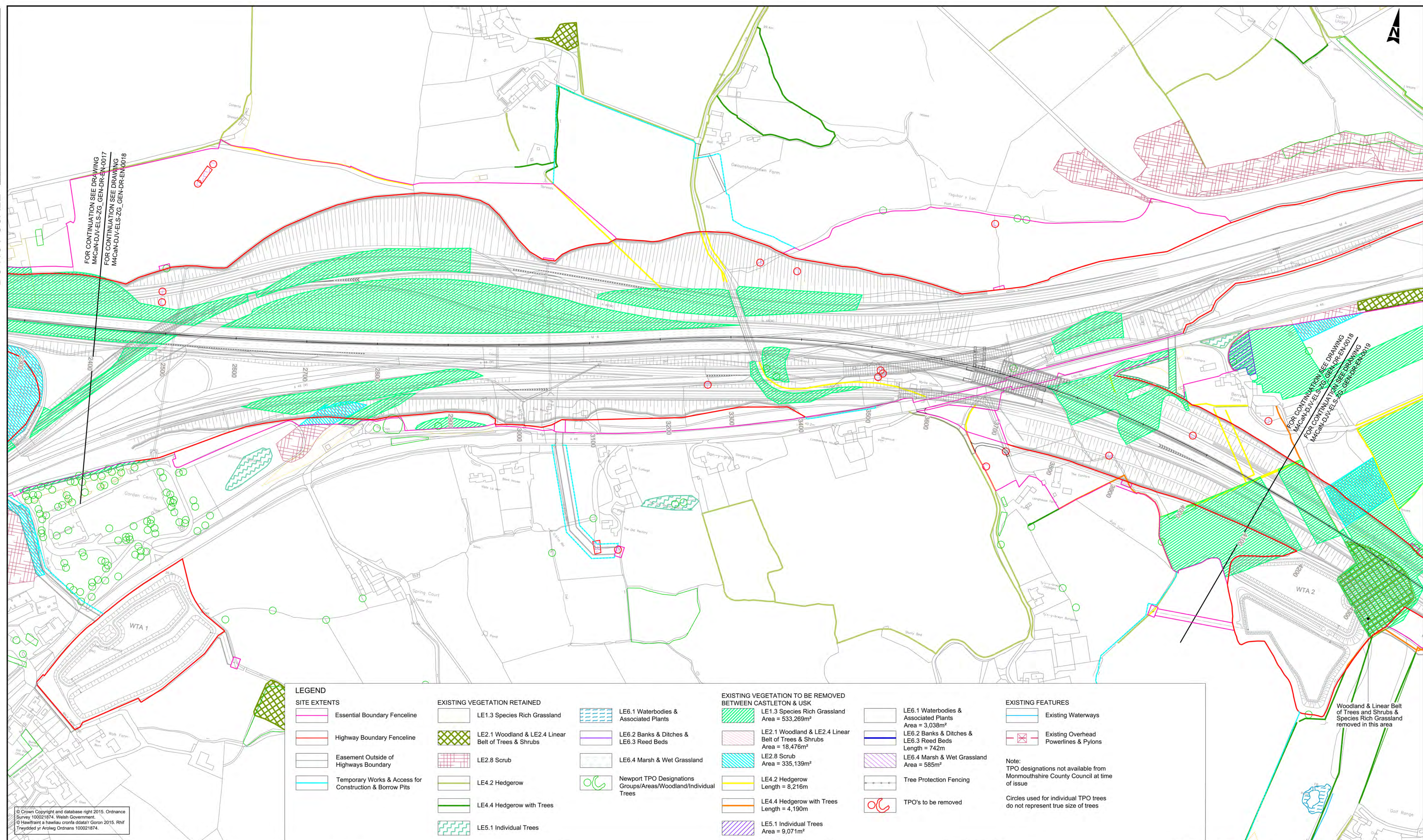
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Drawing Status		FOR COSTING		Suitability		D1		M4 CORRIDOR AROUND NEWPORT									
Project Team								FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 1 OF 16									
								Scale 1:2500		Designed / Drawn ERM		Checked NJR		Approved PAI		Authorised KEN	
Client								Original Size A1		Date 10/02/16		Date 10/02/16		Date 10/02/16		Date 23/02/16	
								Drawing Number Project M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0017 Location Type Role Number									
 Llywodraeth Cymru Welsh Government																	

DO NOT SCALE

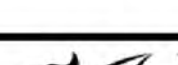
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Environmental Functions (EF):		Landscape Elements (LE):		Environmental Elements:		KEY PLAN	
EFA	Visual Screening	LE 1.1	Amenity Grassland	E1	Auditory Amenity		
EFB	Landscape Integration	LE 1.3	Species Rich Grassland	E1.1	Noise Reducing Surface		
EFc	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		
EFE	Visual Amenity	LE 2.1	Woodland	E2	Water Quality		
EFF	Heritage	LE 2.4	Linear Belt of Shrubs and Trees	E2.1	Water Pollution Control Measures		
EFg	Auditory Amenity	LE 2.6	Shrubs	E3	Nature Conservation and Biodiversity		
EFH	Water Quality	LE 2.5	Shrubs with Intermittent Trees	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				
		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				
						<u>GENERAL NOTES</u>	
						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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M&G&N-DJ-V-EL-S-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M&G&N-DJ-V-H&N-ZG_GEN_DR_CH_0001-0016'	

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Drawing Status	FOR COSTING	Suitability	D1	Project Title	M4 CORRIDOR AROUND NEWPORT				
Project Team				Drawing Title					
				FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 2 OF 16					
Client				Scale	Designed / Drawn	Checked	Approved	Authorised	
				1:2500	ERM	NJR	PAI	KEN	
 Llywodraeth Cymru Welsh Government				Original Size	Date	Date	Date	Date	
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				Drawing Number				Revision	
				Project				Volume	AT ISSUE
				M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0018					
				Location	Type	Role	Number		

DO NOT SCALE

Millimetres

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LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees

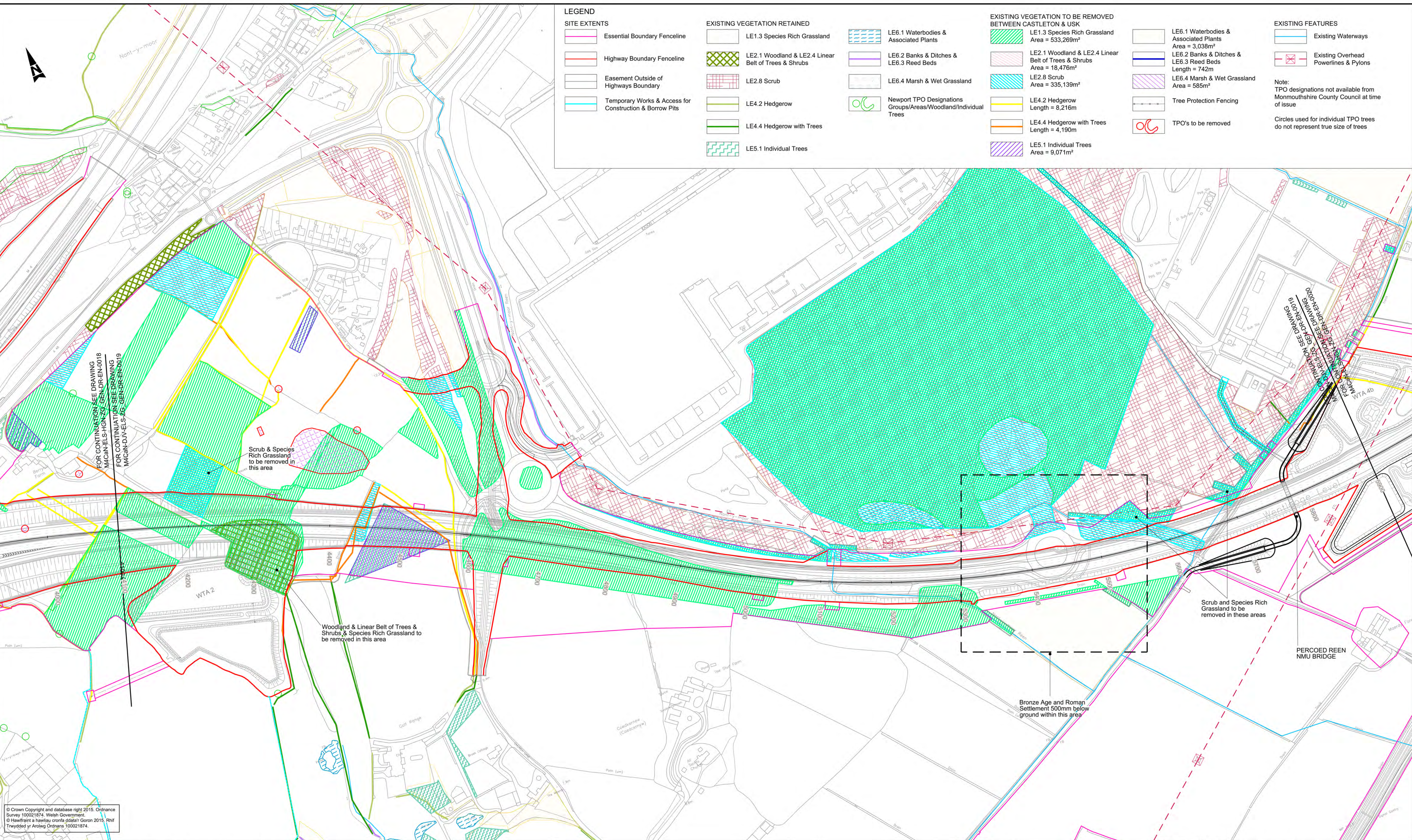
EXISTING VEGETATION TO BE REMOVED BETWEEN CASTLETON & USK

- LE1.3 Species Rich Grassland Area = 533,269m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 18,476m²
- LE2.8 Scrub Area = 335,139m²
- LE4.2 Hedgerow Length = 8,216m
- LE4.4 Hedgerow with Trees Length = 4,190m
- LE5.1 Individual Trees Area = 9,071m²

- LE6.1 Waterbodies & Associated Plants Area = 3,038m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 742m
- LE6.4 Marsh & Wet Grassland Area = 585m²
- Tree Protection Fencing
- TPO's to be removed

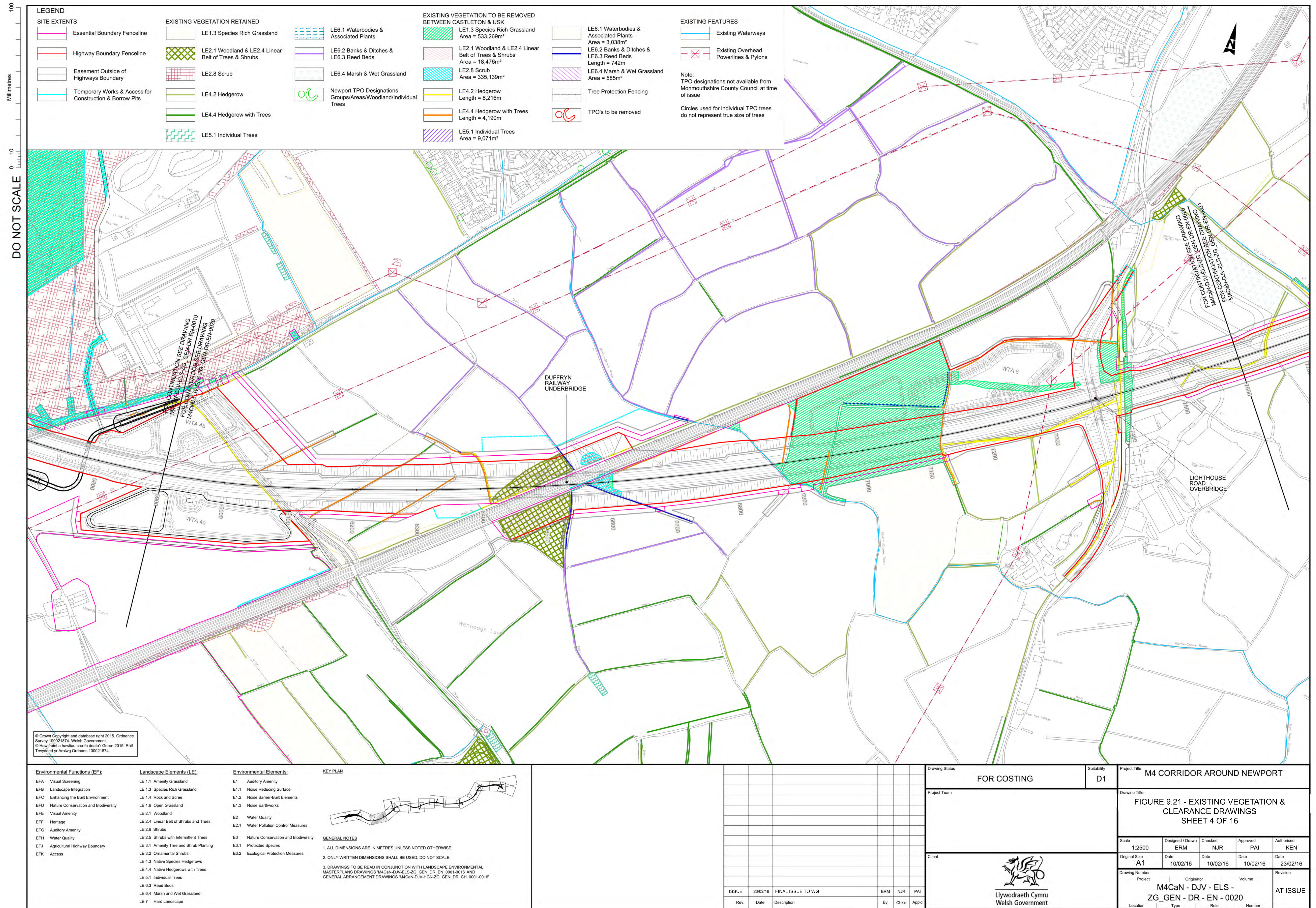
EXISTING FEATURES

- Existing Waterways
 - Existing Overhead Powerlines & Pylons
- Note:
TPO designations not available from Monmouthshire County Council at time of issue
- Circles used for individual TPO trees do not represent true size of trees



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Environmental Functions (EF): - EFA Visual Screening - EFB Landscape Integration - EFC Enhancing the Built Environment - EDF 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 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE. - DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'	<table><tr><td>ISSUE</td><td>23/02/16</td><td>FINAL ISSUE TO WG</td><td>ERM</td><td>NJR</td><td>PAI</td></tr><tr><td>Rev.</td><td>Date</td><td>Description</td><td>By</td><td>Chk'd</td><td>App'd</td></tr></table>	ISSUE	23/02/16	FINAL ISSUE TO WG	ERM	NJR	PAI	Rev.	Date	Description	By	Chk'd	App'd	Drawing Status: FOR COSTING Suitability: D1 Project Title: M4 CORRIDOR AROUND NEWPORT Drawing Title: FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 3 OF 16 <table><tr><td>Scale</td><td>1:2500</td><td>Designed / Drawn</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>Original Size</td><td>A1</td><td>Date</td><td>10/02/16</td><td>Date</td><td>10/02/16</td><td>Date</td><td>10/02/16</td><td>Date</td><td>23/02/16</td></tr><tr><td>Drawing Number</td><td>Project</td><td>Originator</td><td colspan="3">M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0019</td><td>Volume</td><td colspan="3">AT ISSUE</td></tr><tr><td>Location</td><td>Type</td><td>Role</td><td colspan="3">Number</td><td colspan="4"></td></tr></table>	Scale	1:2500	Designed / Drawn	ERM	Checked	NJR	Approved	PAI	Authorised	KEN	Original Size	A1	Date	10/02/16	Date	10/02/16	Date	10/02/16	Date	23/02/16	Drawing Number	Project	Originator	M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0019			Volume	AT ISSUE			Location	Type	Role	Number						
ISSUE	23/02/16	FINAL ISSUE TO WG	ERM	NJR	PAI																																																					
Rev.	Date	Description	By	Chk'd	App'd																																																					
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Original Size	A1	Date	10/02/16	Date	10/02/16	Date	10/02/16	Date	23/02/16																																																	
Drawing Number	Project	Originator	M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0019			Volume	AT ISSUE																																																			
Location	Type	Role	Number																																																							



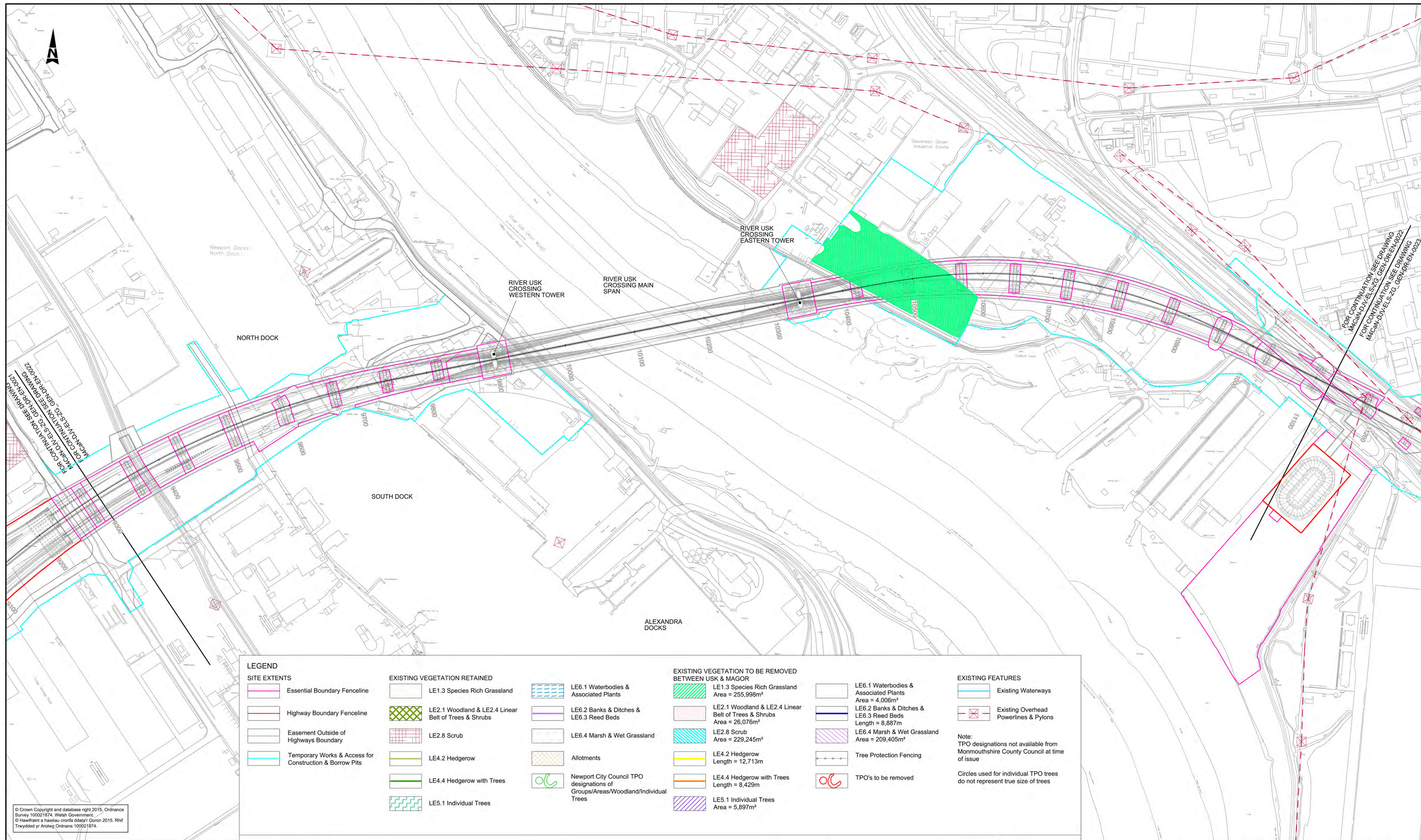
DO NOT SCALE

Millimetres

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LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

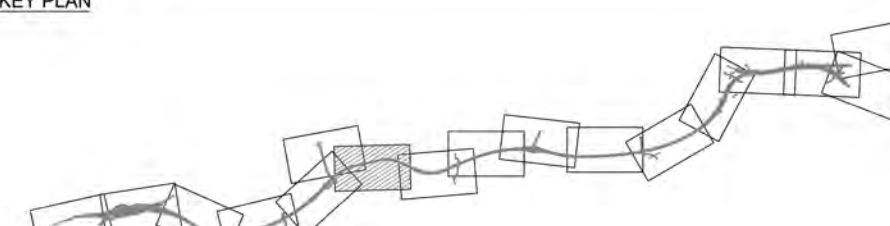
- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

- LE6.1 Waterbodies & Associated Plants Area = 4,006m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES

- Existing Waterways
 - Existing Overhead Powerlines & Pylons
- Note:
TPO designations not available from Monmouthshire County Council at time of issue
Circles used for individual TPO trees do not represent true size of trees

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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'		<table><tr><td colspan="2">Drawing Status</td><td colspan="2">FOR COSTING</td><td colspan="2">Suitability</td><td colspan="2">D1</td><td colspan="2">Project Title</td><td colspan="2">M4 CORRIDOR AROUND NEWPORT</td></tr><tr><td colspan="2">Project Team</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Drawing Title</td><td colspan="2">FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 6 OF 16</td></tr><tr><td colspan="2">Client</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Scale</td><td colspan="2">1:2500</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Original Size</td><td colspan="2">A1</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Date</td><td colspan="2">10/02/16</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Checked</td><td colspan="2">NJR</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Approved</td><td colspan="2">PAI</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Authorised</td><td colspan="2">KEN</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Drawing Number</td><td colspan="2">Project</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Originator</td><td colspan="2">Volume</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0022</td><td colspan="2">AT ISSUE</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Location</td><td colspan="2">Type</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Role</td><td colspan="2">Number</td></tr></table>		Drawing Status		FOR COSTING		Suitability		D1		Project Title		M4 CORRIDOR AROUND NEWPORT		Project Team								Drawing Title		FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 6 OF 16		Client								Scale		1:2500										Original Size		A1										Date		10/02/16										Checked		NJR										Approved		PAI										Authorised		KEN										Drawing Number		Project										Originator		Volume										M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0022		AT ISSUE										Location		Type										Role		Number		 Llywodraeth Cymru Welsh Government	
Drawing Status		FOR COSTING		Suitability		D1		Project Title		M4 CORRIDOR AROUND NEWPORT																																																																																																																																																													
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DO NOT SCALE

Millimetres

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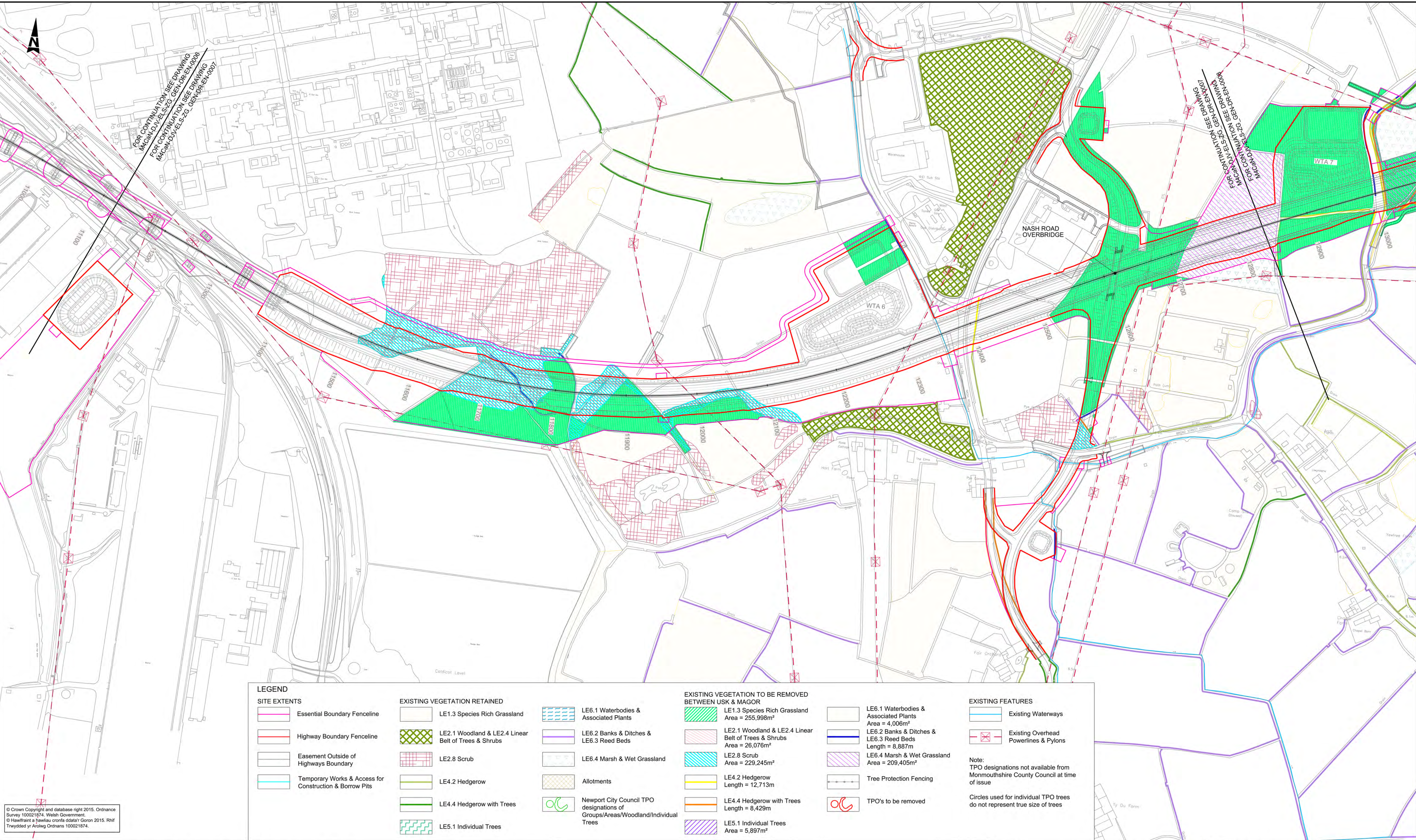
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FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-006
FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-007

FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-006
FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-007



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LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Allotments
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

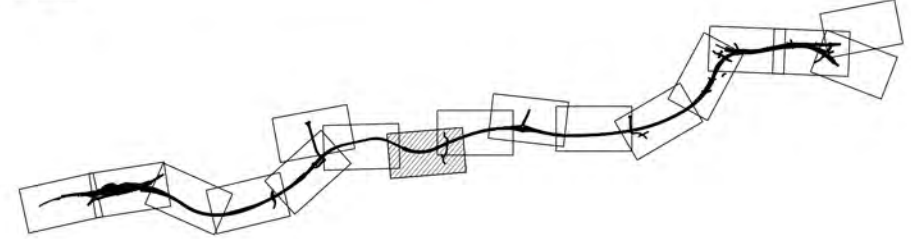
EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE1.3 Species Rich Grassland Area = 255,998m²
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- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons
- Note: TPO designations not available from Monmouthshire County Council at time of issue
- Circles used for individual TPO trees do not represent true size of trees

KEY PLAN



GENERAL NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
- DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

- 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

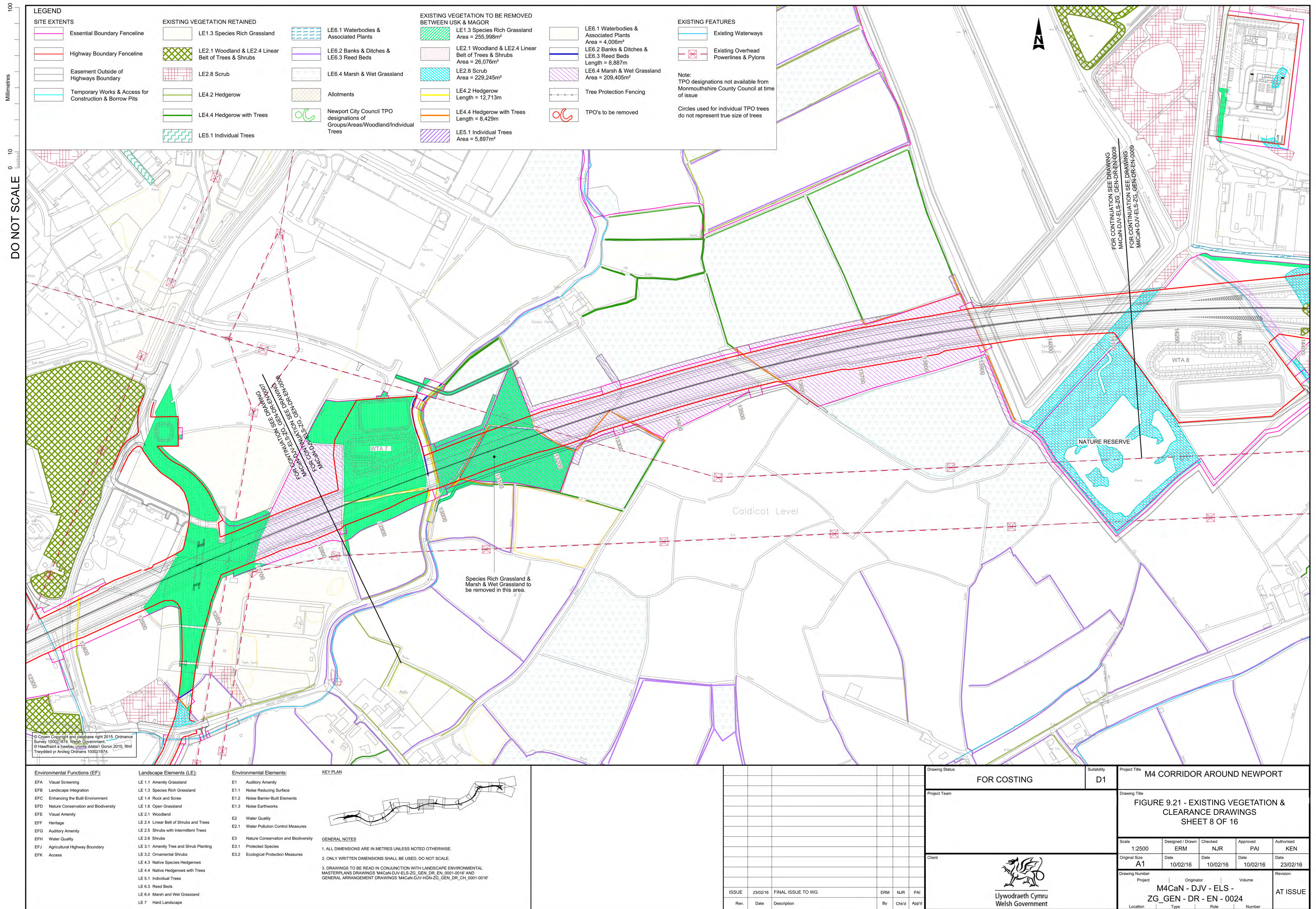
- Landscape Elements (LE):
- LE 1.1 Amenity Grassland
 - LE 1.3 Species Rich Grassland
 - LE 1.4 Rock and Scree
 - LE 1.6 Open Grassland
 - LE 2.1 Woodland
 - LE 2.4 Linear Belt of Shrubs and Trees
 - LE 2.5 Shrubs with Intermittent Trees
 - LE 2.6 Shrubs
 - LE 3.1 Amenity Tree and Shrub Planting
 - 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

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	FINAL ISSUE TO WG	ERM	NJR	PAI

Drawing Status	FOR COSTING
Project Team	
Client	Llywodraeth Cymru Welsh Government

Drawing Title	M4 CORRIDOR AROUND NEWPORT
Figure Title	FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 7 OF 16
Scale	1:2500
Original Size	A1
Drawing Number	M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0023
Project	
Location	
Type	
Role	
Number	
Authorised	KEN
Date	23/02/16
AT ISSUE	



DO NOT SCALE

Millimetres

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LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Allotments
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

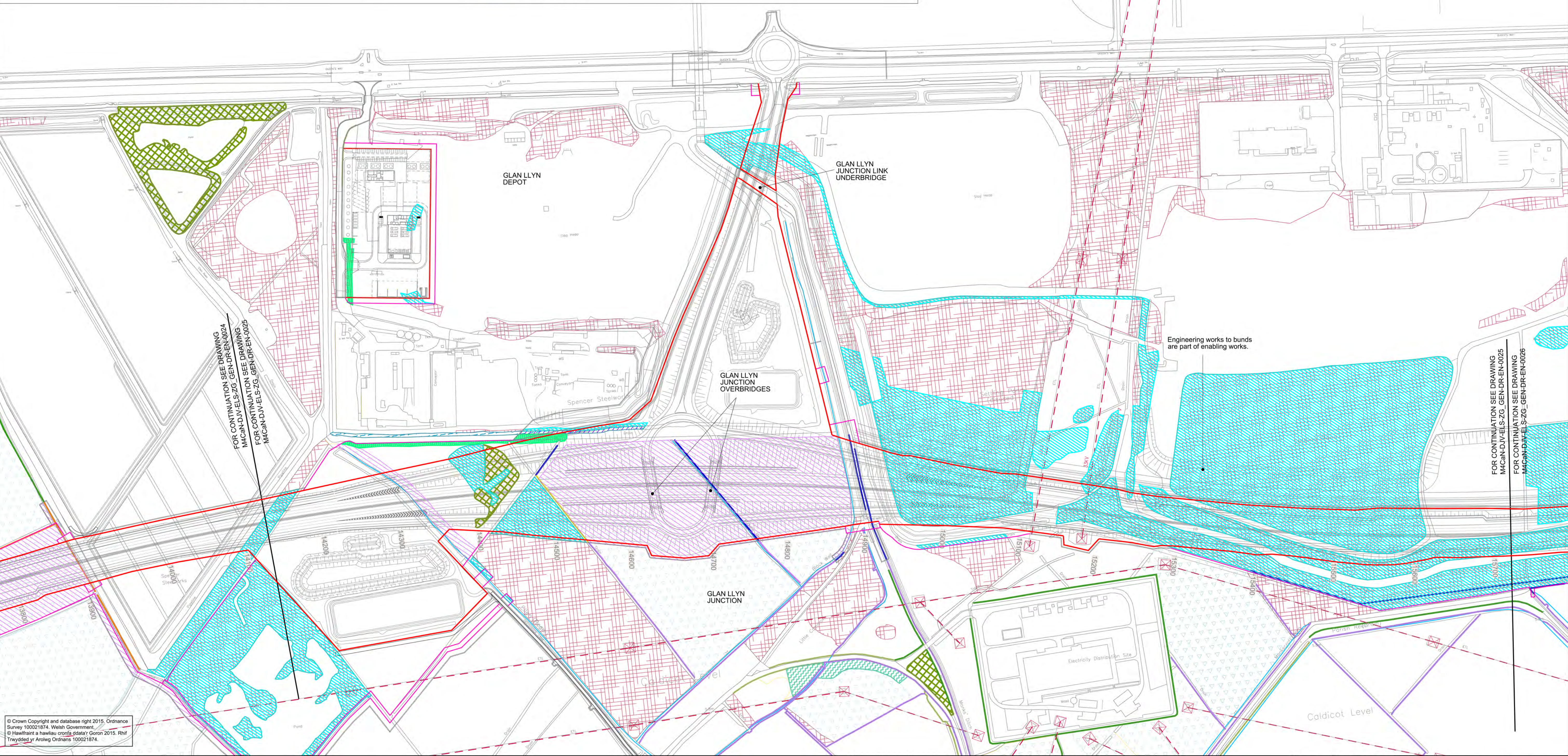
EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

- LE6.1 Waterbodies & Associated Plants Area = 4,006m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons
- Note: TPO designations not available from Monmouthshire County Council at time of issue
- Circles used for individual TPO trees do not represent true size of trees



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Trwydded yr Arloeg Ordnans 100021874.

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															FOR COSTING			D1			M4 CORRIDOR AROUND NEWPORT					
EFB Landscape Integration			LE 1.3 Species Rich Grassland			E1.1 Noise Reducing Surface																										
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																										
EFE Visual Amenity			LE 2.1 Woodland																													
EFF Heritage			LE 2.4 Linear Belt of Shrubs and Trees			E2 Water Quality																					Drawings Title FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 9 OF 16					
EFG Auditory Amenity			LE 2.5 Shrubs with Intermittent Trees			E2.1 Water Pollution Control Measures																										
EFH Water Quality			LE 2.6 Shrubs			E3 Nature Conservation and Biodiversity																										
EFJ Agricultural Highway Boundary			LE 3.1 Amenity Tree and Shrub Planting			E3.1 Protected Species																										
EFK Access			LE 3.2 Ornamental Shrubs			E3.2 Ecological Protection Measures																										
			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																													

DO NOT SCALE

100
0 10
Millimetres

LEGEND

SITE EXTENTS

Essential Boundary Fenceline

Highway Boundary Fenceline

Easement Outside of Highways Boundary

Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

LE1.3 Species Rich Grassland

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs

LE2.8 Scrub

LE4.2 Hedgerow

LE4.4 Hedgerow with Trees

LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

LE1.3 Species Rich Grassland Area = 255,998m²

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²

LE2.8 Scrub Area = 229,245m²

LE4.2 Hedgerow Length = 12,713m

LE4.4 Hedgerow with Trees Length = 8,429m

LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

LE6.1 Waterbodies & Associated Plants Area = 4,006m²

LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m

LE6.4 Marsh & Wet Grassland Area = 209,405m²

Tree Protection Fencing

TPO's to be removed

Existing Waterways

Existing Overhead Powerlines & Pylons

Note:

TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees

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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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

Drawing Status

FOR COSTING

Project Team

Client

Suitability

D1

Project Title

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 10 OF 16

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

KEN

Original Size

A1

Date

10/02/16

Date

10/02/16

Date

10/02/16

Date

23/02/16

Drawing Number

Project

Originator

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0026

Volume

Revision

AT ISSUE

Location

Type

Role

Number

ISSUE

23/02/16

FINAL ISSUE TO WG

ERM

NJR

PAI

Rev.

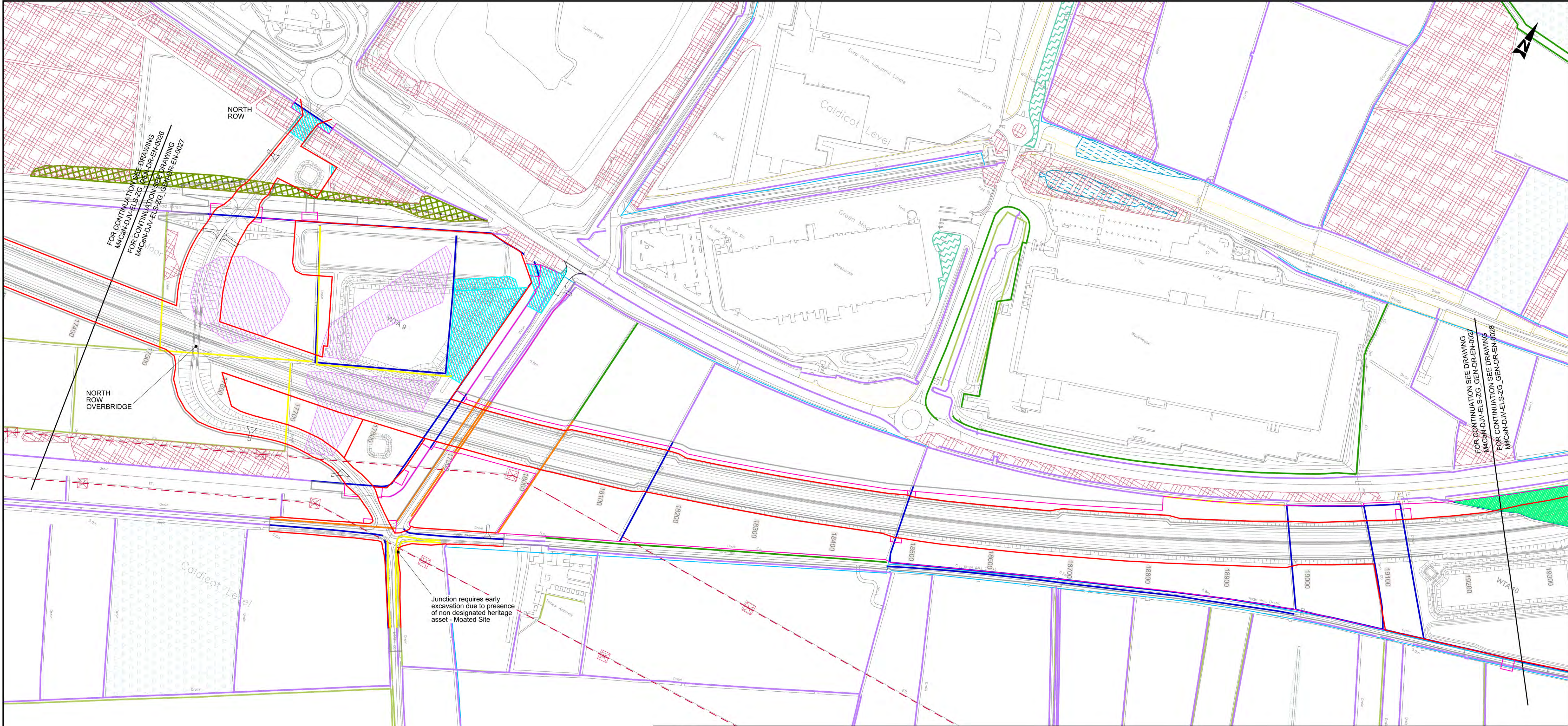
Date

Description

By

Chk'd

App'd



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LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons

Note:
TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE6.1 Waterbodies & Associated Plants Area = 4,006m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

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

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
- DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

ISSUE	23/02/16	FINAL ISSUE TO WG	ERM	NJR	PAI
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status: **FOR COSTING**

Project Team:

Client: 
Llywodraeth Cymru
Welsh Government

Drawing Title: **FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 11 OF 16**

Scale	1:2500	Designed / Drawn	Checked	Approved	Authorised
Original Size	A1	ERM	NJR	PAI	KEN
Date	10/02/16	10/02/16	10/02/16	10/02/16	23/02/16

Drawing Number: **M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0027**

Project: **M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0027**

Originator: **PAI**

Volume: **AT ISSUE**

Location: **AT ISSUE**

Type: **AT ISSUE**

Role: **AT ISSUE**

Number: **AT ISSUE**

DO NOT SCALE

Millimetres

0

10

100

LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Allotments
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

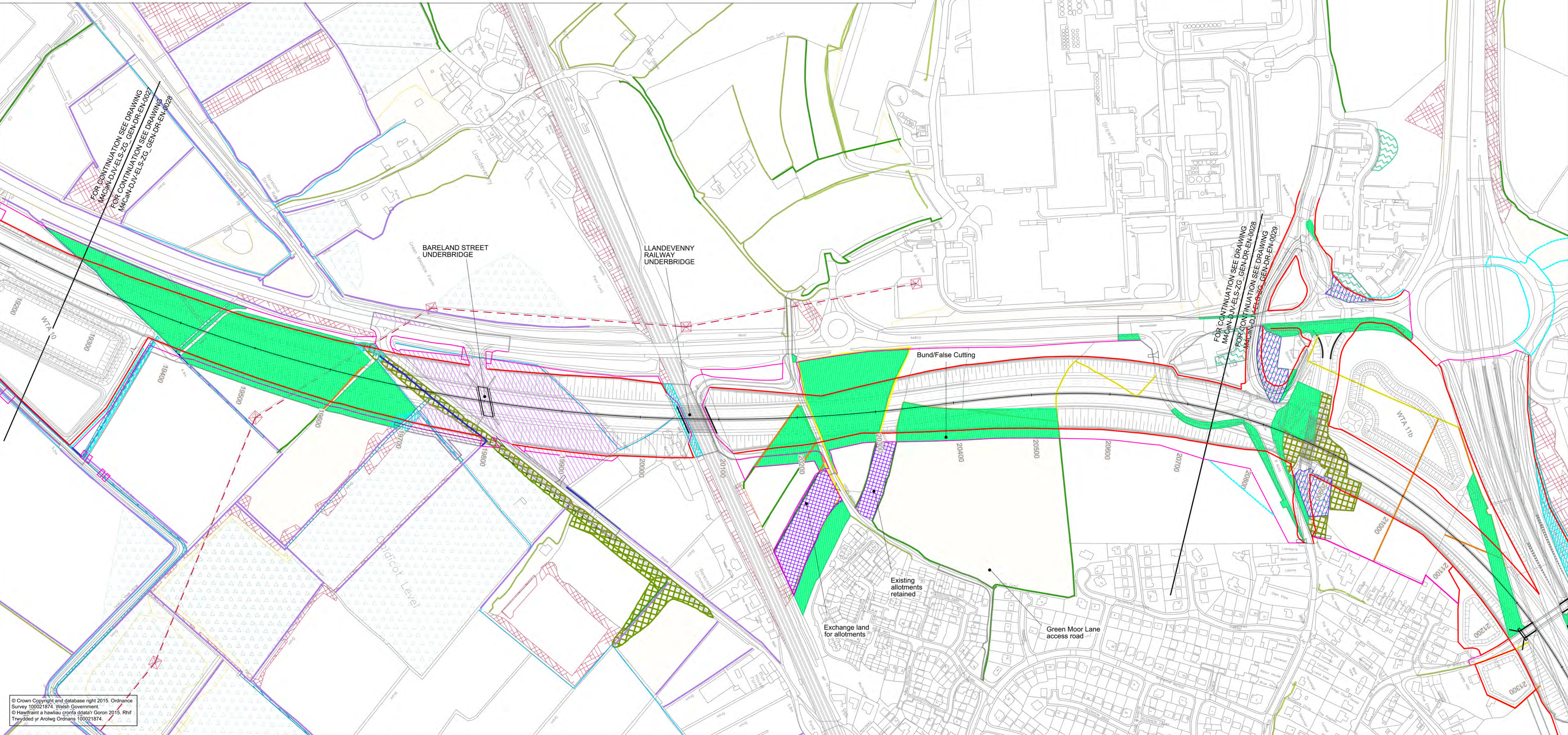
- Existing Waterways
- Existing Overhead Powerlines & Pylons
- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons
- Tree Protection Fencing
- TPO's to be removed

Note:
TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees



DO NOT SCALE

Millimetres

0 10 100

LEGEND

SITE EXTENTS

Essential Boundary Fenceline

Highway Boundary Fenceline

Easement Outside of Highways Boundary

Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

LE1.3 Species Rich Grassland

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs

LE2.8 Scrub

LE4.2 Hedgerow

LE4.4 Hedgerow with Trees

LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

LE1.3 Species Rich Grassland Area = 255,998m²

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²

LE2.8 Scrub Area = 229,245m²

LE4.2 Hedgerow Length = 12,713m

LE4.4 Hedgerow with Trees Length = 8,429m

LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

Existing Waterways

Existing Overhead Powerlines & Pylons

Note:
TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees

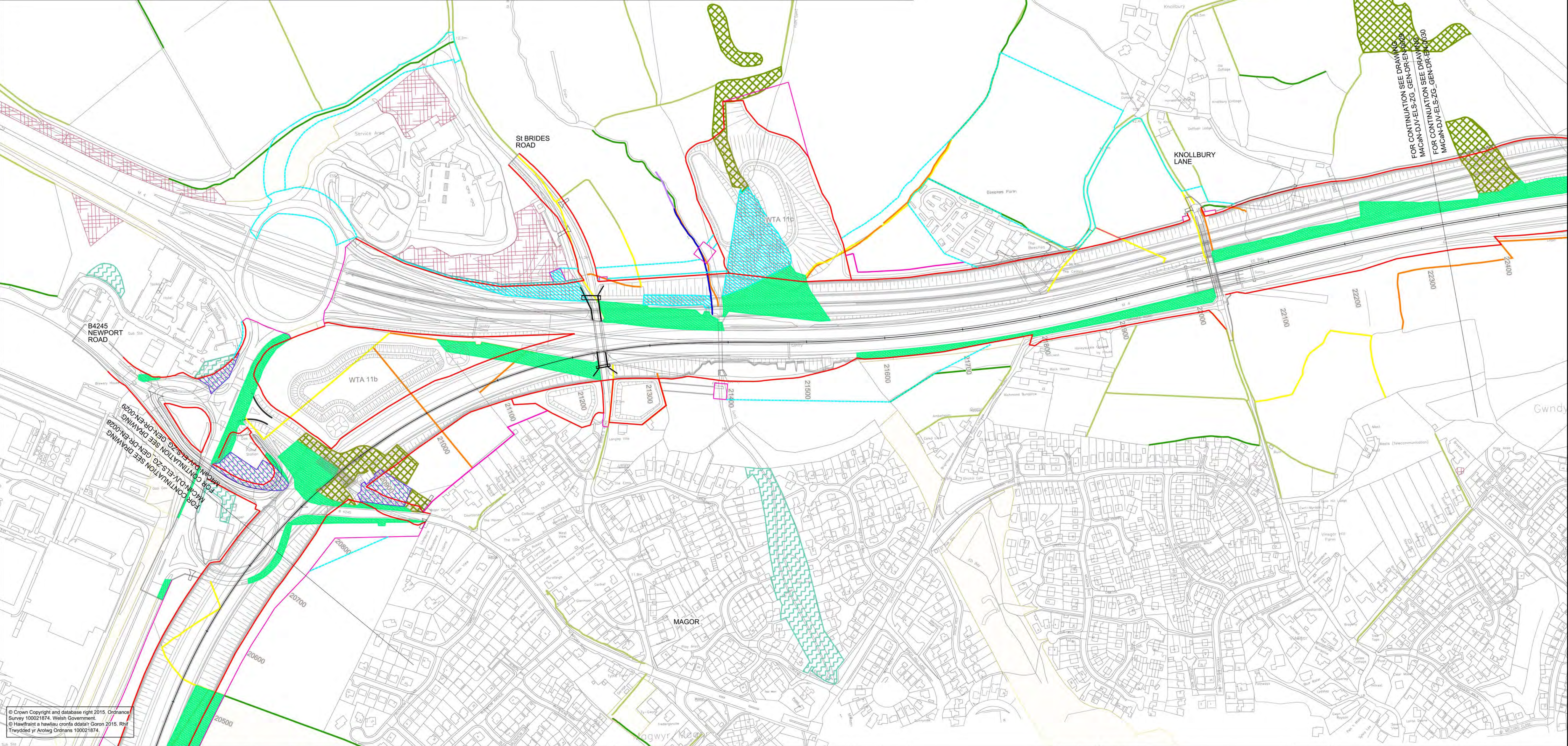
LE6.1 Waterbodies & Associated Plants Area = 4,006m²

LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m

LE6.4 Marsh & Wet Grassland Area = 209,405m²

Tree Protection Fencing

TPO's to be removed



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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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

Drawing Status

FOR COSTING

Project Team

Client

Llywodraeth Cymru
Welsh Government

D1

Drawing Title

FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 13 OF 16

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

KEN

Original Size

A1

Date

10/02/16

Date

10/02/16

Date

10/02/16

Date

23/02/16

Drawing Number

Project

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0029

Originator

Volume

AT ISSUE

Location

Type

Role

Number

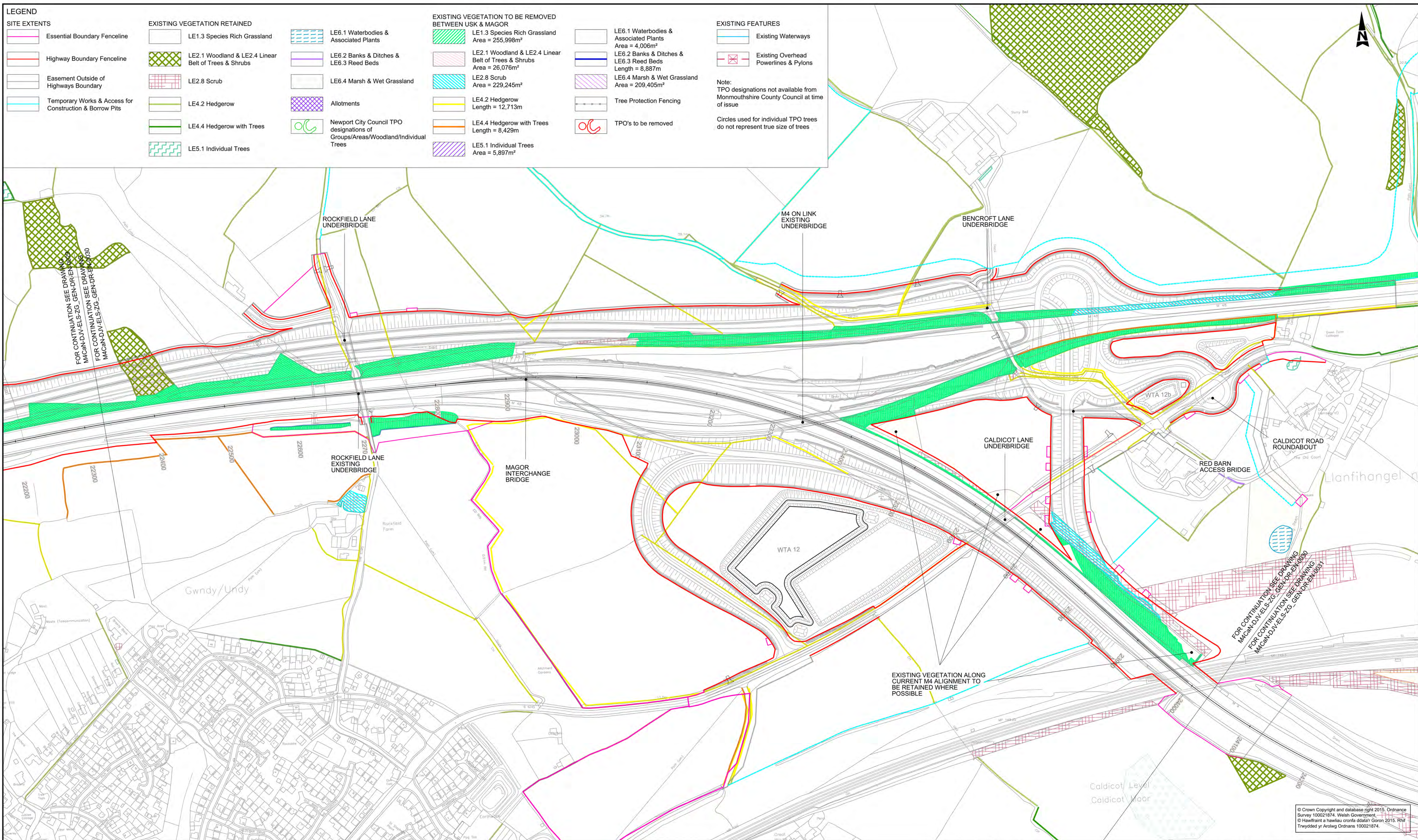
DO NOT SCALE

Millimetres

0

10

100



LEGEND

SITE EXTENTS

- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
- Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Allotments
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons

Note:
TPO designations not available from Monmouthshire County Council at time of issue
Circles used for individual TPO trees do not represent true size of trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- LE1.3 Species Rich Grassland Area = 259,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

- LE6.1 Waterbodies & Associated Plants Area = 4,006m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

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

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
- DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

ISSUE	23/02/16	FINAL ISSUE TO WG	ERM	NJR	PAI
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status: **FOR COSTING**

Project Team:

Client: 
Llywodraeth Cymru
Welsh Government

Suitability: **D1**

Project Title: **M4 CORRIDOR AROUND NEWPORT**

Drawing Title: **FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 14 OF 16**

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN

Original Size	Date	Date	Date	Date
A1	10/02/16	10/02/16	10/02/16	23/02/16

Drawing Number	Project	Originator	Volume	Revision
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0030				AT ISSUE

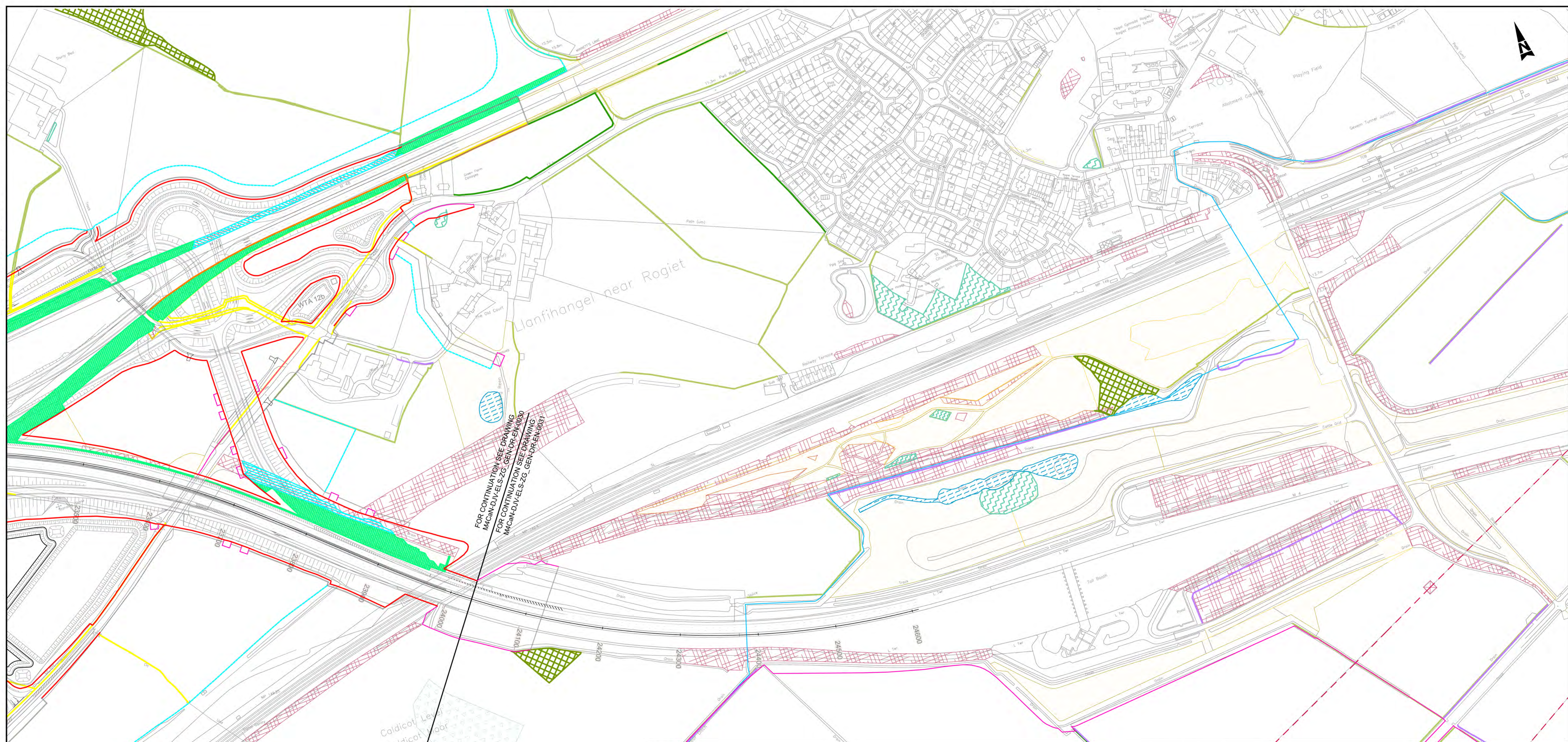
Location	Type	Role	Number

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DO NOT SCALE

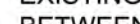
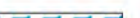
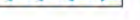
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Millimetres



FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG - GEN-DR-EN-0030

FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG - GEN-DR-EN-0031

LEGEND		EXISTING VEGETATION RETAINED		EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR		EXISTING FEATURES	
	Essential Boundary Fenceline		LE1.3 Species Rich Grassland		LE1.3 Species Rich Grassland Area = 255,998m ²		LE6.1 Waterbodies & Associated Plants Area = 4,006m ²
	Highway Boundary Fenceline		LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs		LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m ²		LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 8,887m
	Easement Outside of Highways Boundary		LE2.8 Scrub		LE2.8 Scrub Area = 229,245m ²		LE6.4 Marsh & Wet Grassland Area = 209,405m ²
	Temporary Works & Access for Construction & Borrow Pits		LE4.2 Hedgerow		LE4.2 Hedgerow Length = 12,713m		Tree Protection Fencing
			LE4.4 Hedgerow with Trees		LE4.4 Hedgerow with Trees Length = 8,429m		TPO's to be removed
			LE5.1 Individual Trees		LE5.1 Individual Trees Area = 5,897m ²		
			LE6.1 Waterbodies & Associated Plants				
			LE6.2 Banks & Ditches & LE6.3 Reed Beds				
			LE6.4 Marsh & Wet Grassland				
			Allotments				
			Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees				

Note:
TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees

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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'	ISSUE 23/02/16 FINAL ISSUE TO WG ERM NJR PAI Rev. Date Description By Chk'd App'd	Drawing Status FOR COSTING Suitability D1 Project Title M4 CORRIDOR AROUND NEWPORT Project Team Drawing Title FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 15 OF 16 Client  Llywodraeth Cymru Welsh Government Scale 1:2500 Designed / Drawn ERM Checked NJR Approved PAI Authorised KEN Original Size A1 Date 10/02/16 Date 10/02/16 Date 10/02/16 Date 23/02/16 Drawing Number Project M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0031 Originator Volume Revision AT ISSUE Location Type Role Number
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DO NOT SCALE

100
0 10
Millimetres

LEGEND

SITE EXTENTS

Essential Boundary Fenceline

Highway Boundary Fenceline

Easement Outside of Highways Boundary

Temporary Works & Access for Construction & Borrow Pits

EXISTING VEGETATION RETAINED

LE1.3 Species Rich Grassland

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs

LE2.8 Scrub

LE4.2 Hedgerow

LE4.4 Hedgerow with Trees

LE5.1 Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN CASTLETON & USK

LE1.3 Species Rich Grassland Area = 533,269m²

LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 18,476m²

LE2.8 Scrub Area = 335,139m²

LE4.2 Hedgerow Length = 8,216m

LE4.4 Hedgerow with Trees Length = 4,190m

LE5.1 Individual Trees Area = 9,071m²

EXISTING FEATURES

Existing Waterways

Existing Overhead Powerlines & Pylons

LE6.1 Waterbodies & Associated Plants Area = 3,038m²

LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 742m

LE6.4 Marsh & Wet Grassland Area = 585m²

Tree Protection Fencing

TPO's to be removed

Note:

TPO designations not available from Monmouthshire County Council at time of issue

Circles used for individual TPO trees do not represent true size of trees

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0032

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0021

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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 LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

ISSUE

23/02/16

FINAL ISSUE TO WG

ERM

NJR

PAI

Rev.

Date

Description

By

Chk'd

App'd

Drawing Status

FOR COSTING

Project Team

Client

Llywodraeth Cymru
Welsh Government

Suitability

D1

Project Title

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 16 OF 16

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

KEN

Original Size

A1

Date

10/02/16

Date

10/02/16

Date

10/02/16

Date

23/02/16

Drawing Number

Project

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0032

Originator

Volume

Revision

AT ISSUE