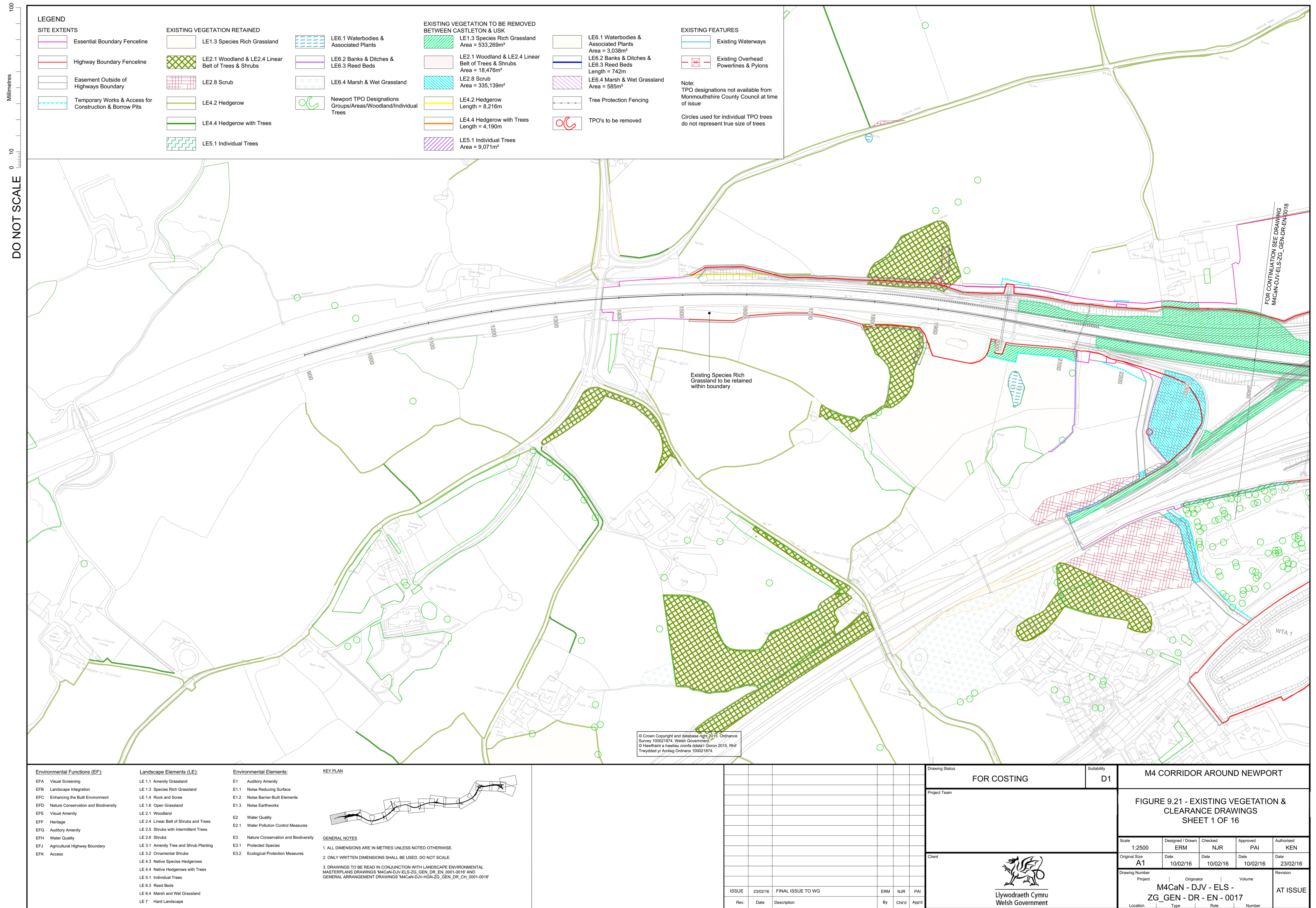
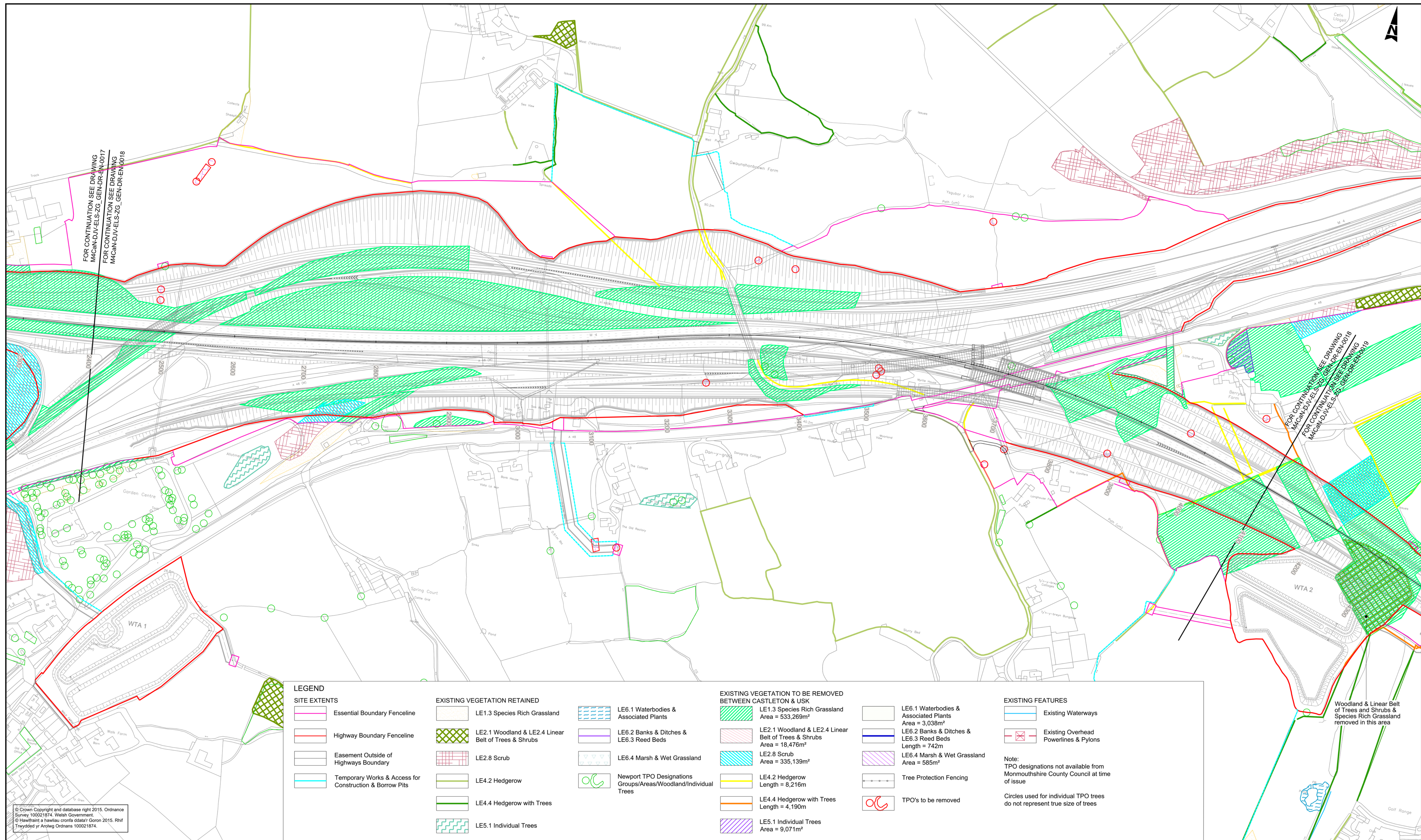




DO NOT SCALE

0 10 100
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
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Newport TPO Designations Groups/Areas/Woodland/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

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 2.6 Shrubs

LE 2.5 Shrubs with Intermittent Trees

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 2 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 - 0018

Volume

Revision

AT ISSUE

Location

Type

Role

Number

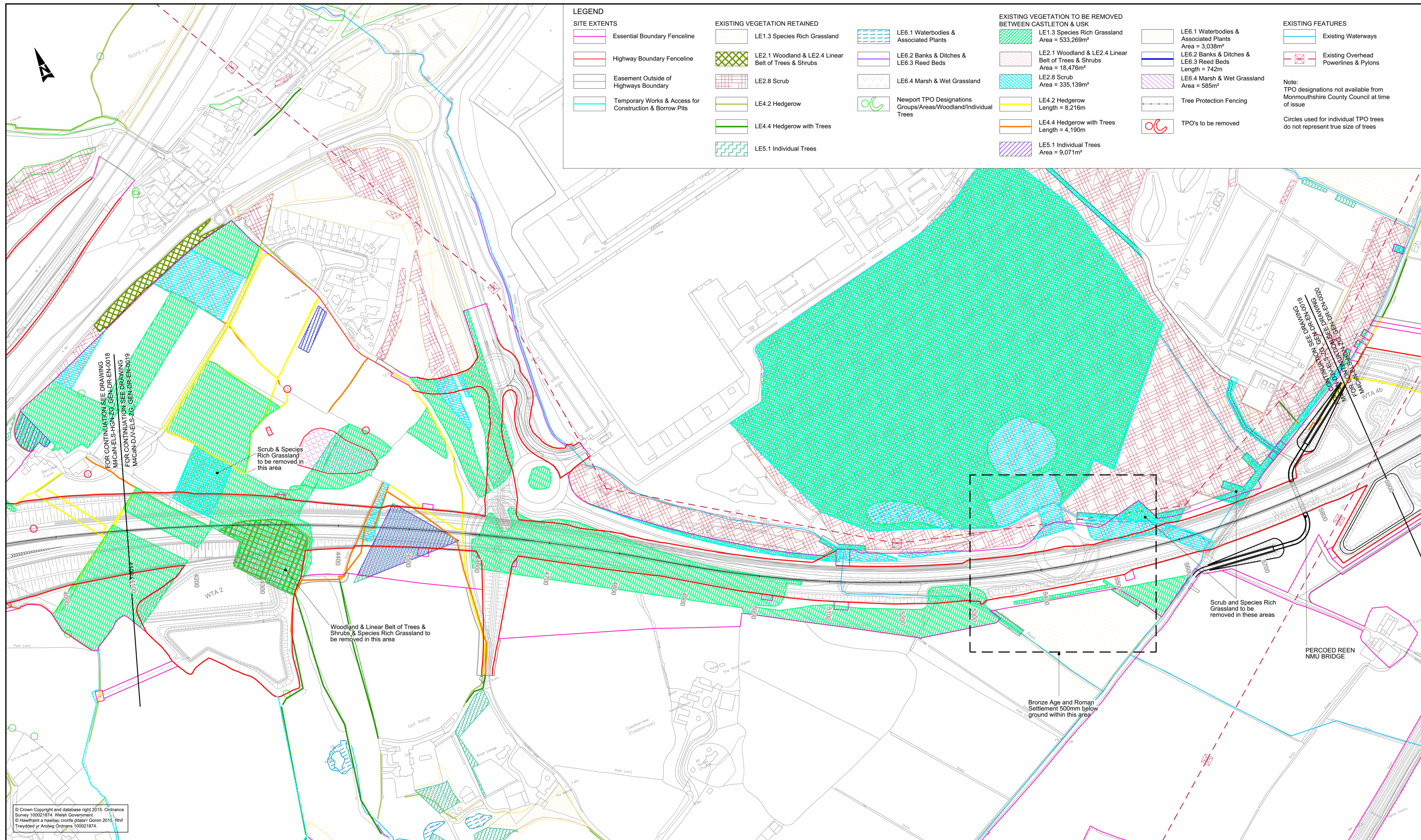
DO NOT SCALE

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 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

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

- 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

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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

- 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'

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**

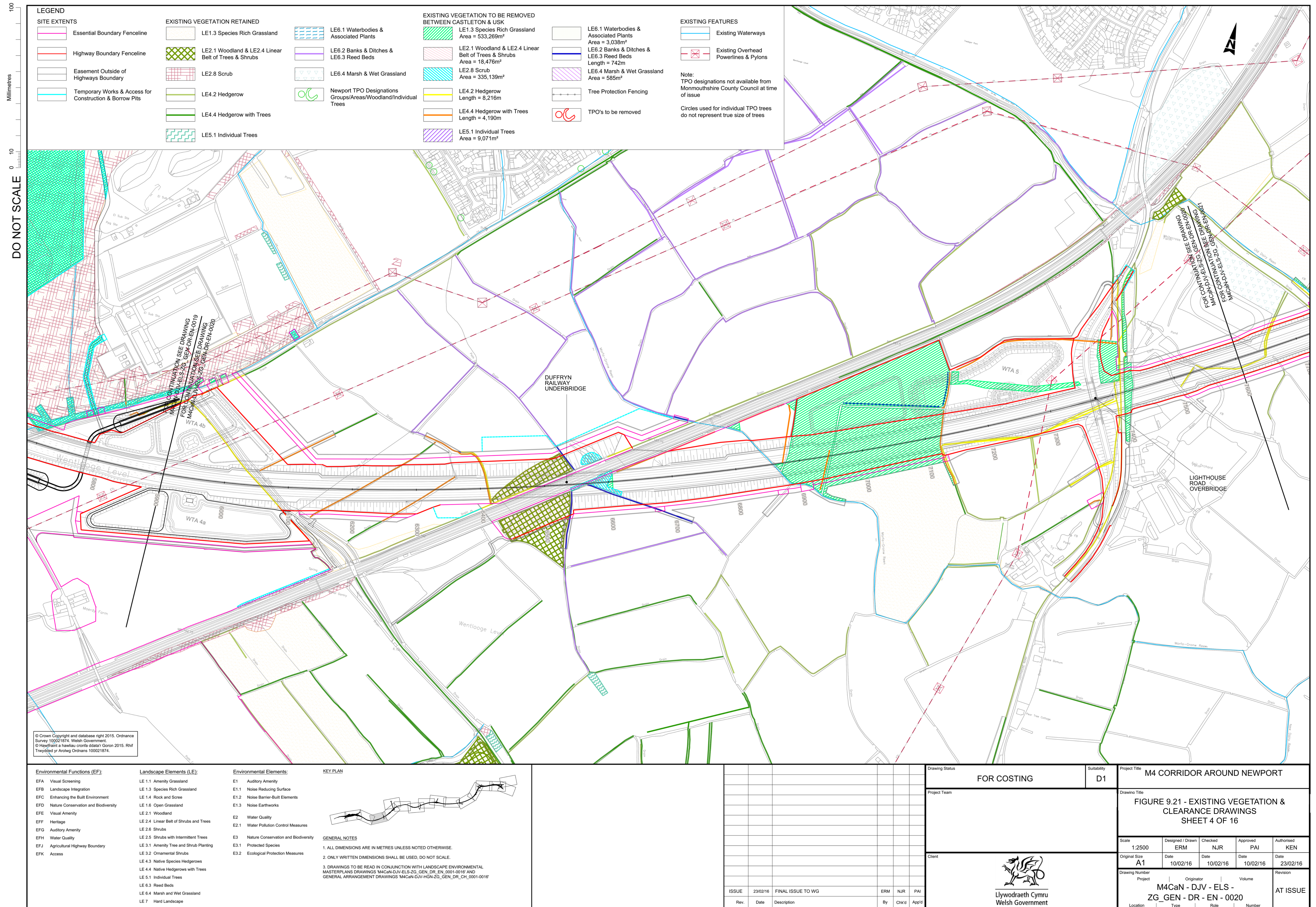
Drawing Title: **FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 3 OF 16**

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 - 0019**

Client: **Llywodraeth Cymru Welsh Government**

Revision: **AT ISSUE**



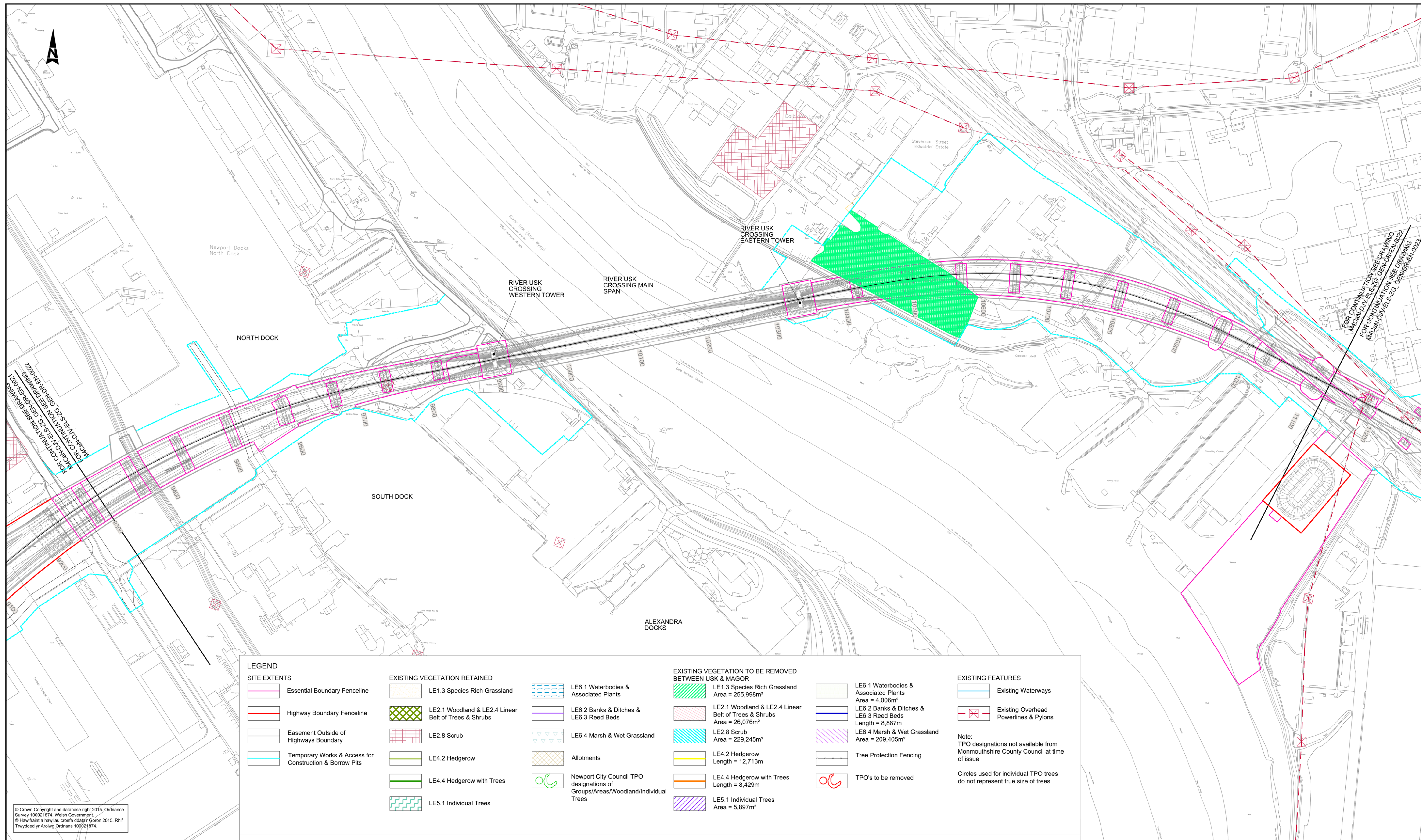
DO NOT SCALE

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

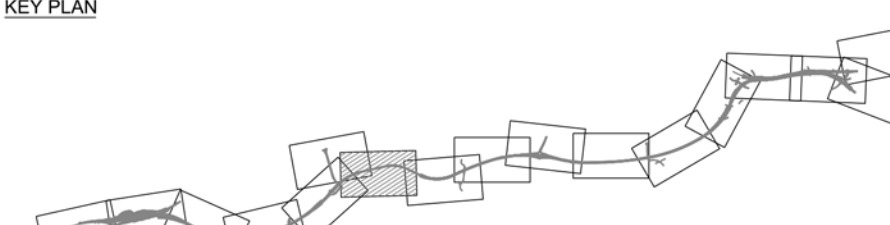
EXISTING FEATURES

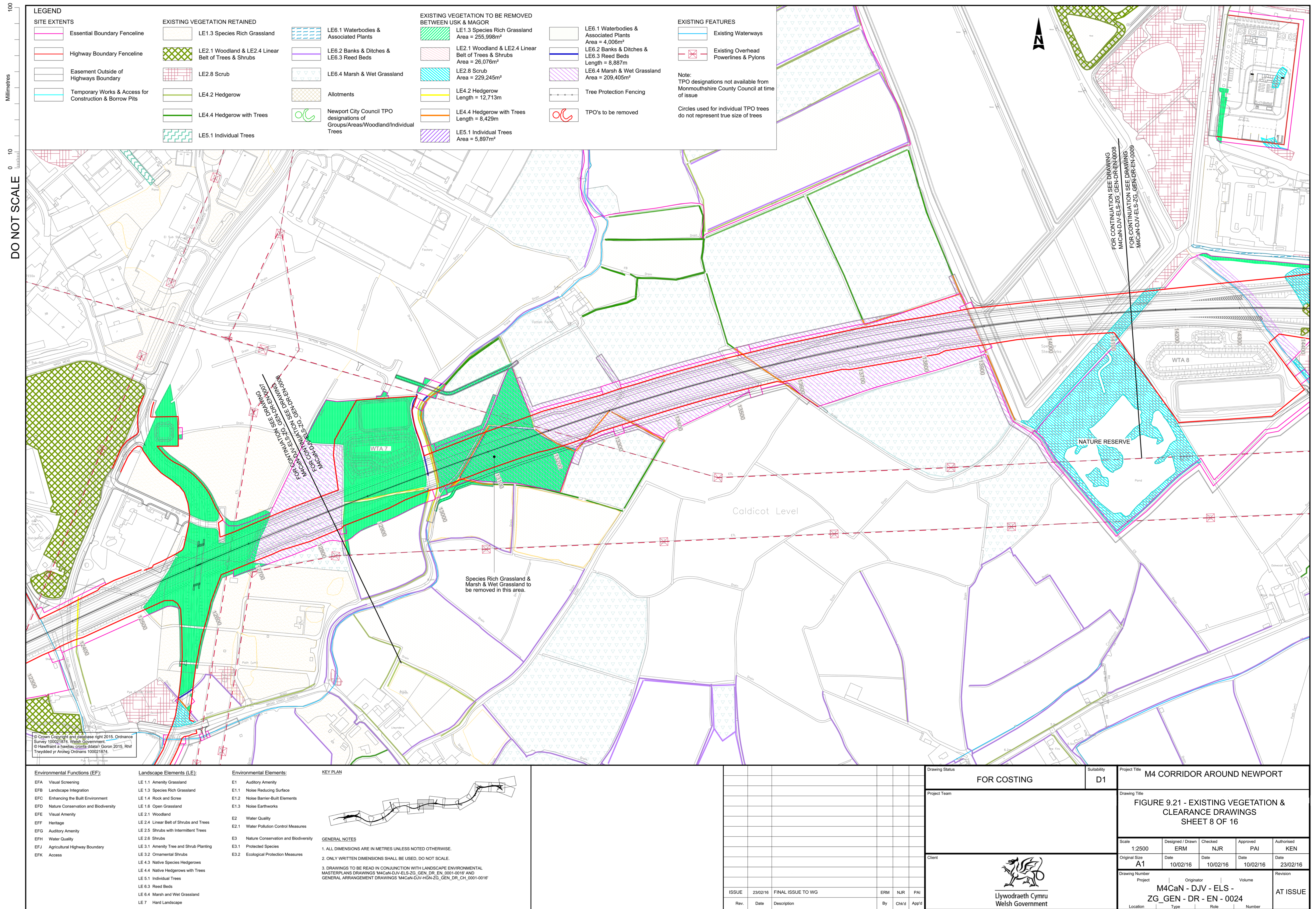
- Existing Waterways
- Existing Overhead Powerlines & Pylons

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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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		E2	Water Quality																						
EFF	Heritage		LE 2.4	Linear Belt of Shrubs and Trees		E2.1	Water Pollution Control Measures														Drawing Title								
EFG	Auditory Amenity		LE 2.5	Shrubs with Intermittent Trees		E3	Nature Conservation and Biodiversity		GENERAL NOTES												FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 6 OF 16								
EFH	Water Quality		LE 2.6	Shrubs		E3.1	Protected Species		1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.												Scale								
EFJ	Agricultural Highway Boundary		LE 3.2	Ornamental Shrubs		E3.2	Ecological Protection Measures		2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.												1:2500								
EFK	Access		LE 4.3	Native Species Hedgerows					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'												Designed / Drawn								
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																											NJR		
																											Approved		
																											PAI		
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																											ZG_GEN - DR - EN - 0022		
																											Location		
																											Type		
																											Role		
																											Number		
																											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

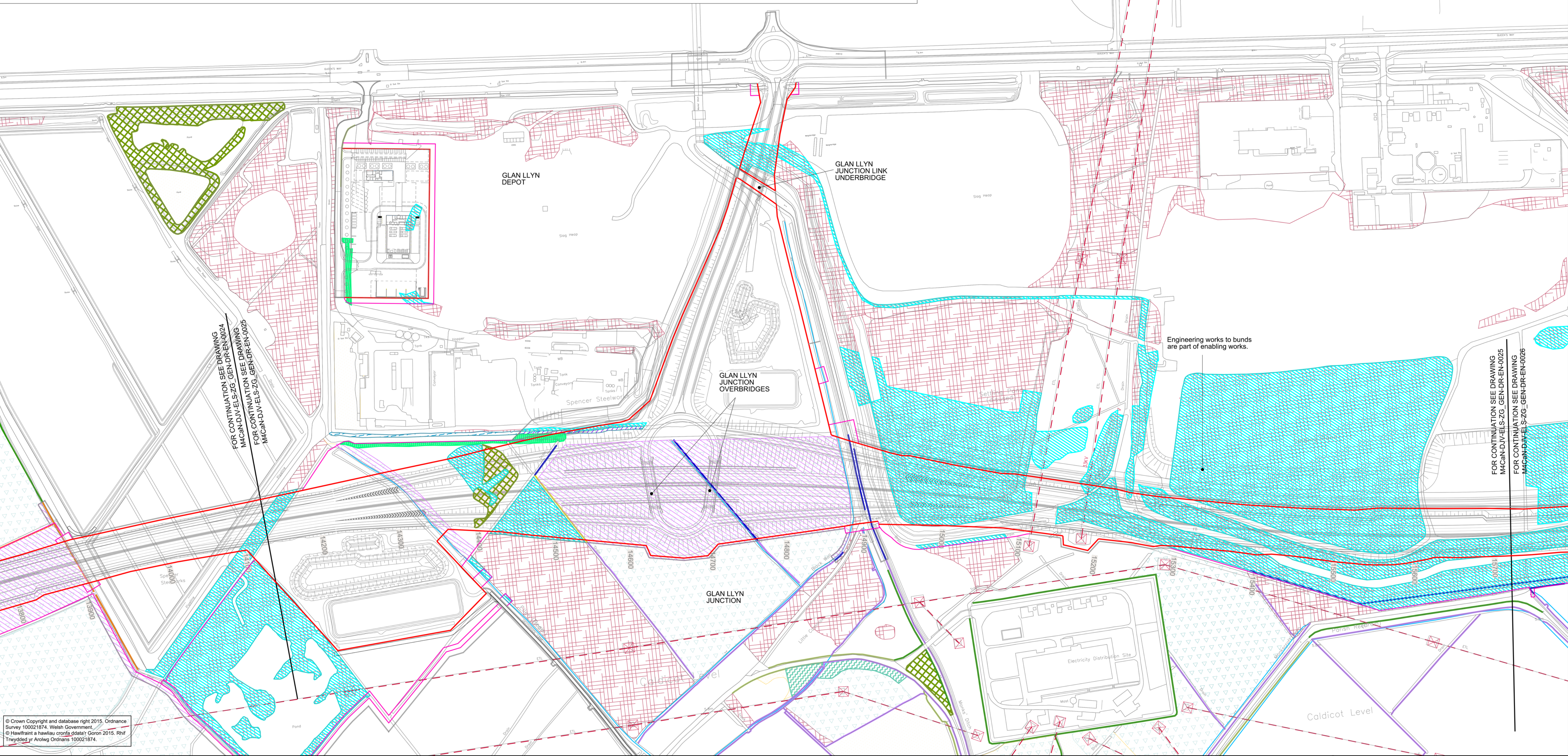
- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

- 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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FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-0024
FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-0025

FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-0025
FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-0026

Environmental Functions (EF):			Landscape Elements (LE):			Environmental Elements:			KEY PLAN															Drawing Status			Suitability			Project Title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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EFB Landscape Integration			LE 1.3 Species Rich Grassland			E1.1 Noise Reducing Surface															Project Team			FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 9 OF 16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EFC Enhancing the Built Environment			LE 1.4 Rock and Scree			E1.2 Noise Barrier-Built Elements																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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EFJ Agricultural Highway Boundary			LE 3.1 Amenity Tree and Shrub Planting			E3.1 Protected Species			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'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

DO NOT SCALE

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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

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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'

FOR COSTING

Project Team

Client

1:2500

Original Size

A1

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Date

10/02/16

10/02/16

10/02/16

23/02/16

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

KEN

Project

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

Originator

Volume

AT ISSUE

Location

Type

Role

Number

Drawing Status

FOR COSTING

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

10/02/16

10/02/16

23/02/16

Project

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

Originator

Volume

AT ISSUE

Location

Type

Role

Number

ISSUE

23/02/16

FINAL ISSUE TO WG

ERM

NJR

PAI

Rev.

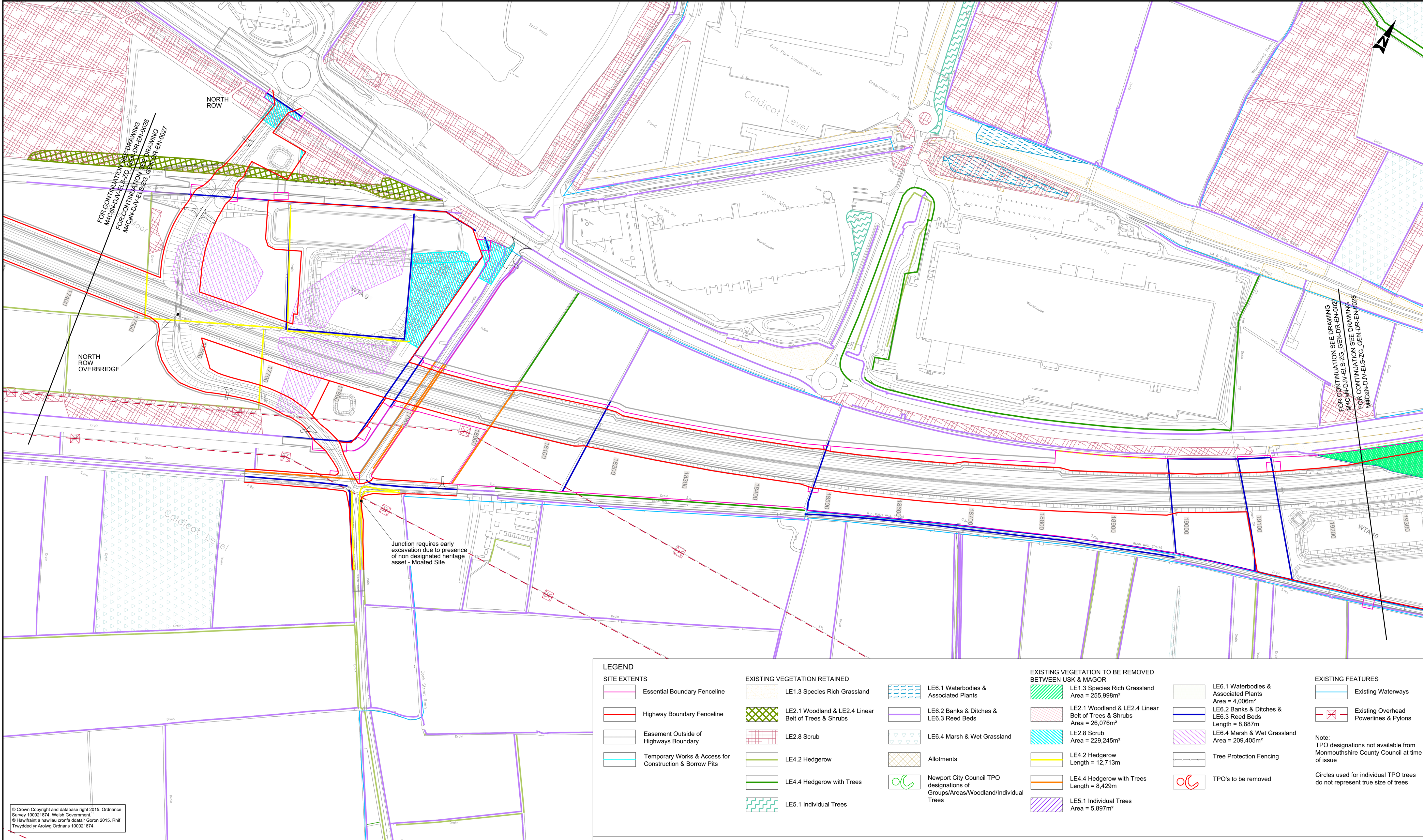
Date

Description

By

Chk'd

App'd



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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

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

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons

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

- 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

FOR COSTING

D1

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 11 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 - 0027

Volume
Revision

AT ISSUE

Llywodraeth Cymru
Welsh Government

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

- 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

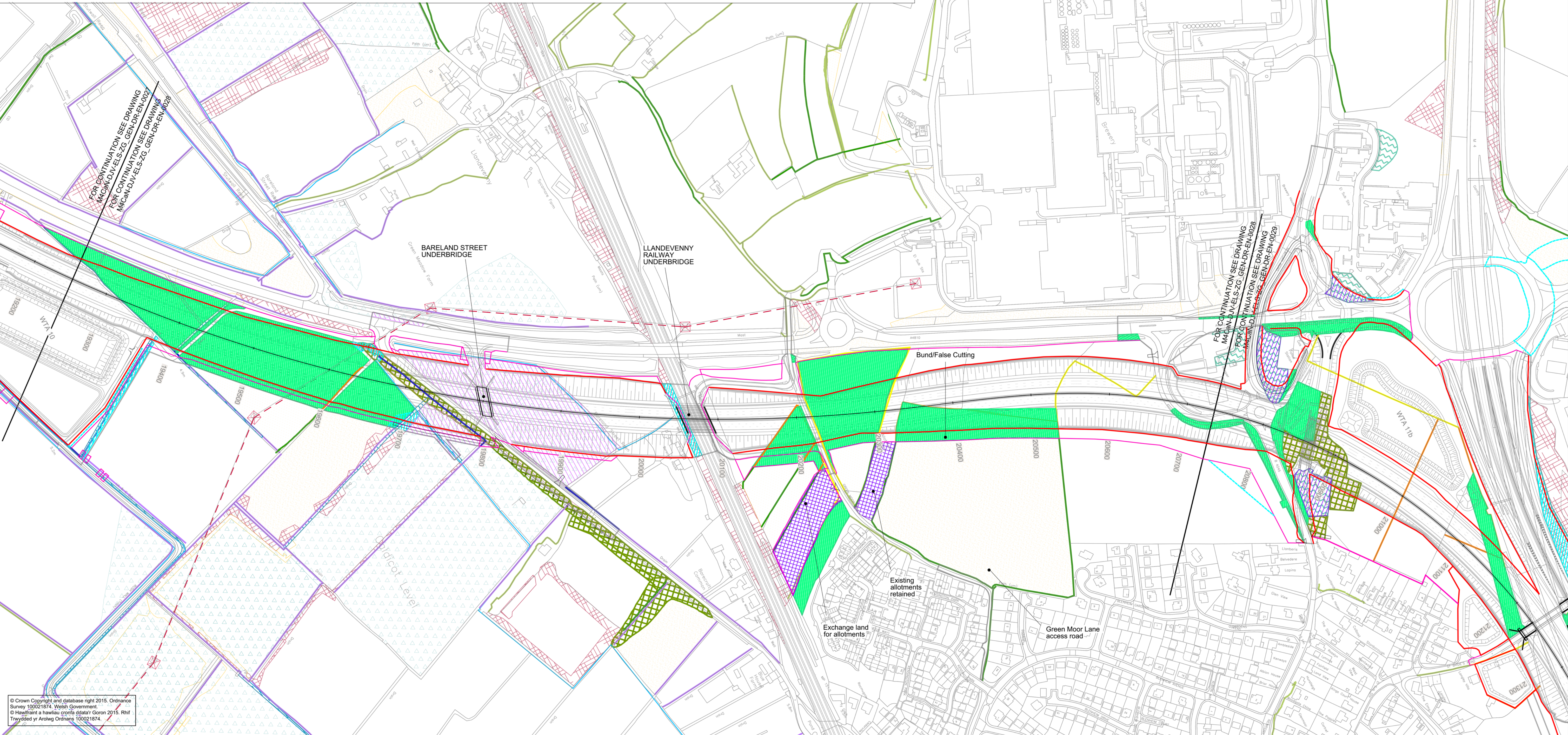
- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

EXISTING FEATURES

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

EXISTING FEATURES

- Existing Waterways
- Existing Overhead Powerlines & Pylons
- 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

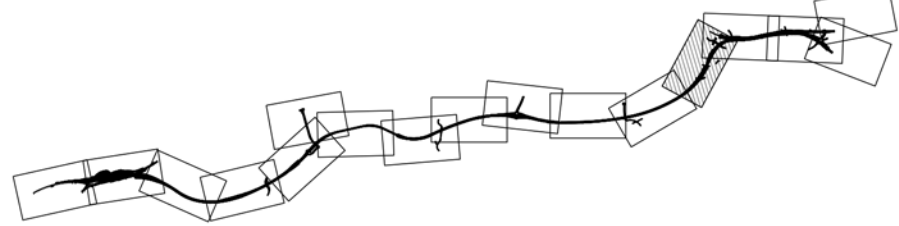
Landscape Elements (LE):

- 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



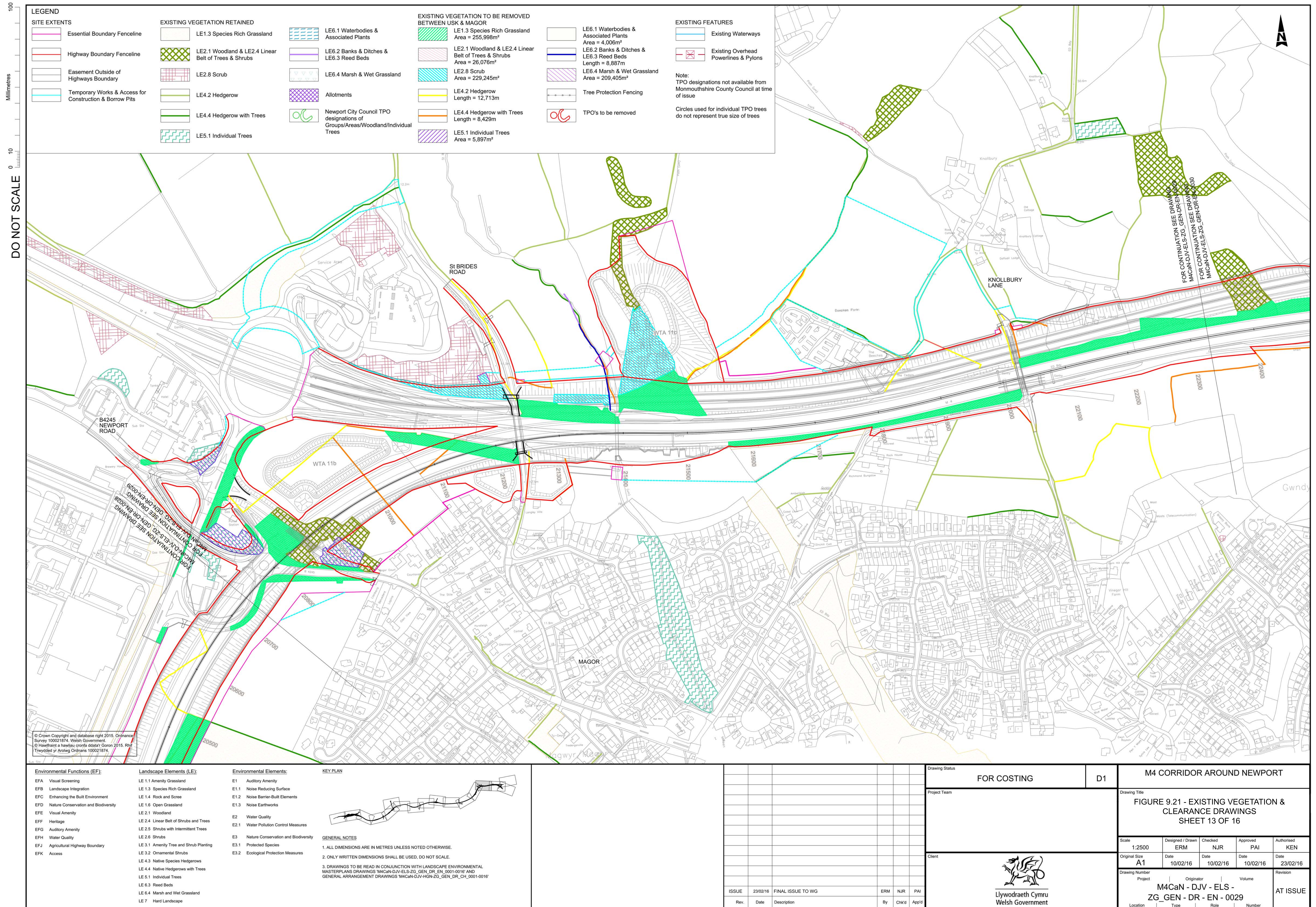
GENERAL NOTES

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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 12 OF 16	Scale	1:2500
Client		Original Size	A1	Designed / Drawn	ERM
		Date	10/02/16	Checked	NJR
		Date	10/02/16	Approved	PAI
		Date	10/02/16	Authorised	KEN
		Drawing Number	Project	Originator	M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0028
		Volume		Revision	AT ISSUE
		Location	Type	Role	Number





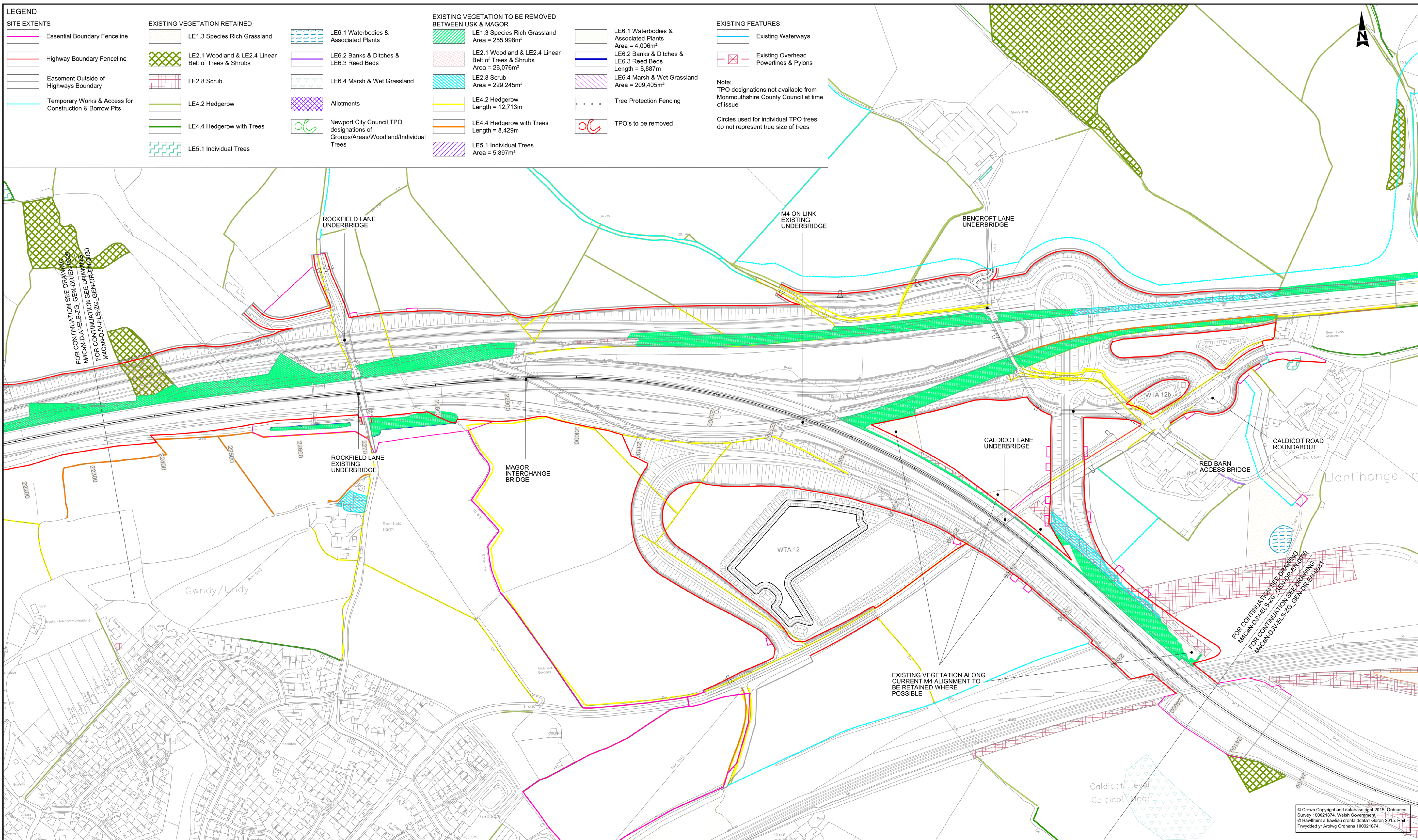
DO NOT SCALE

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

- 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

- 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

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FOR COSTING

Project Team

Client

Scale

1:2500

Original Size

A1

Drawing Number

Project

Originator

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0030

Volume

AT ISSUE

Location

Type

Role

Number

Designated / Drawn

ERM

Checked

NJR

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PAI

Authorised

KEN

Date

10/02/16

Date

10/02/16

Date

10/02/16

Date

23/02/16

Revision

AT ISSUE

Project Title

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 14 OF 16

Scale

1:2500

Original Size

A1

Drawing Number

Project

Originator

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0030

Volume

AT ISSUE

Location

Type

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Date

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Date

23/02/16

Revision

AT ISSUE

Project Title

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE 9.21 - EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 14 OF 16

Scale

1:2500

Original Size

A1

Drawing Number

Project

Originator

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0030

Volume

AT ISSUE

Location

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Date

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23/02/16

Revision

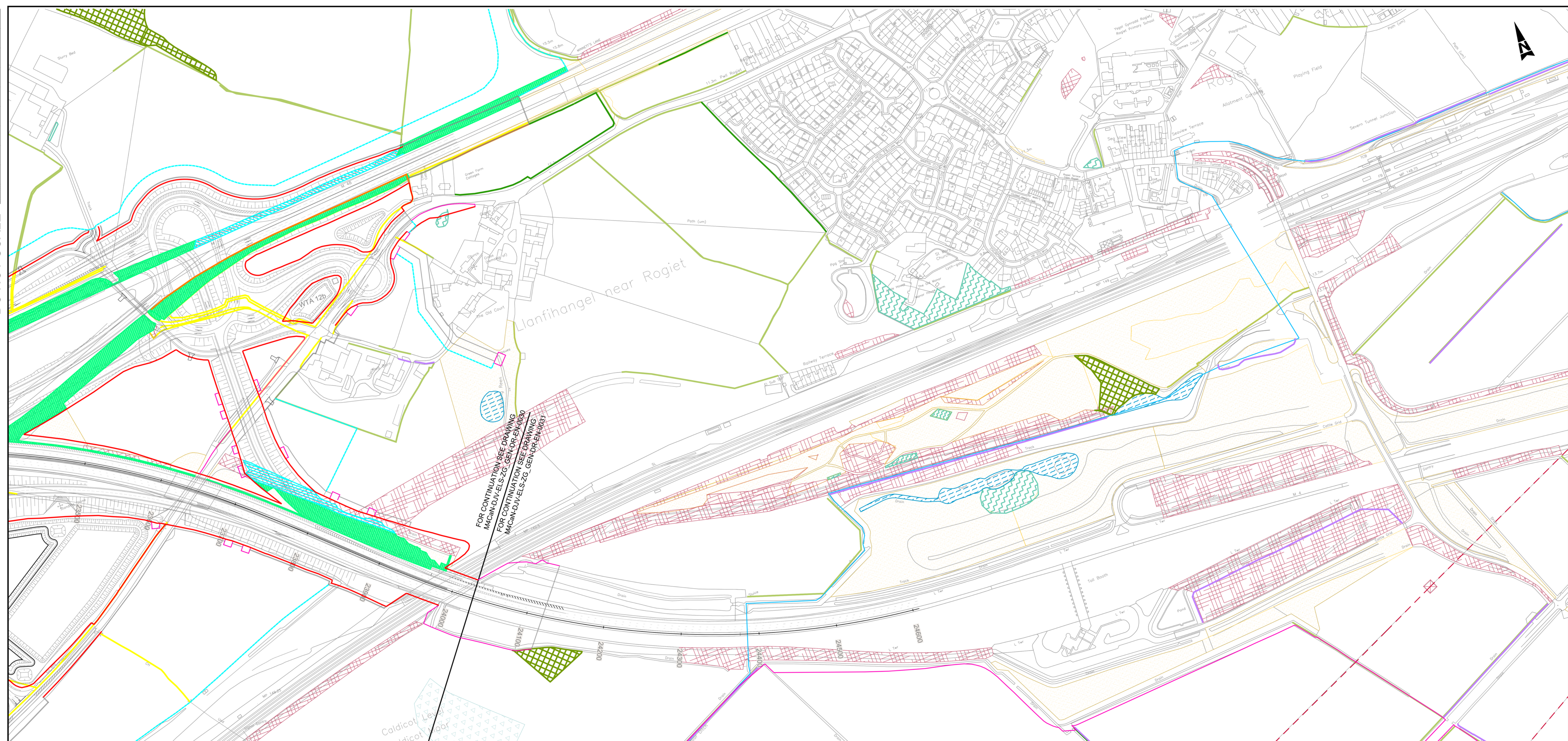
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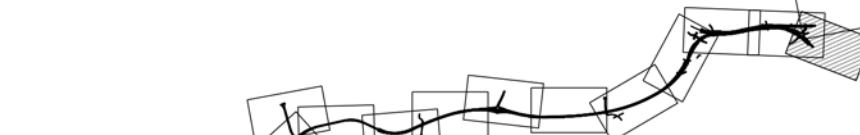
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FOR CONTINUATION SEE DRAWING
M4CaN-DJV-ELS-ZG_GEN-DR-EN-0030

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		LE6.4 Marsh & Wet Grassland		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		
					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):		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				
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			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 'M4CIN-DJV-ELS-ZG_GEN_DR_EN_0001-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CIN-DJV-HGVN-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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