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

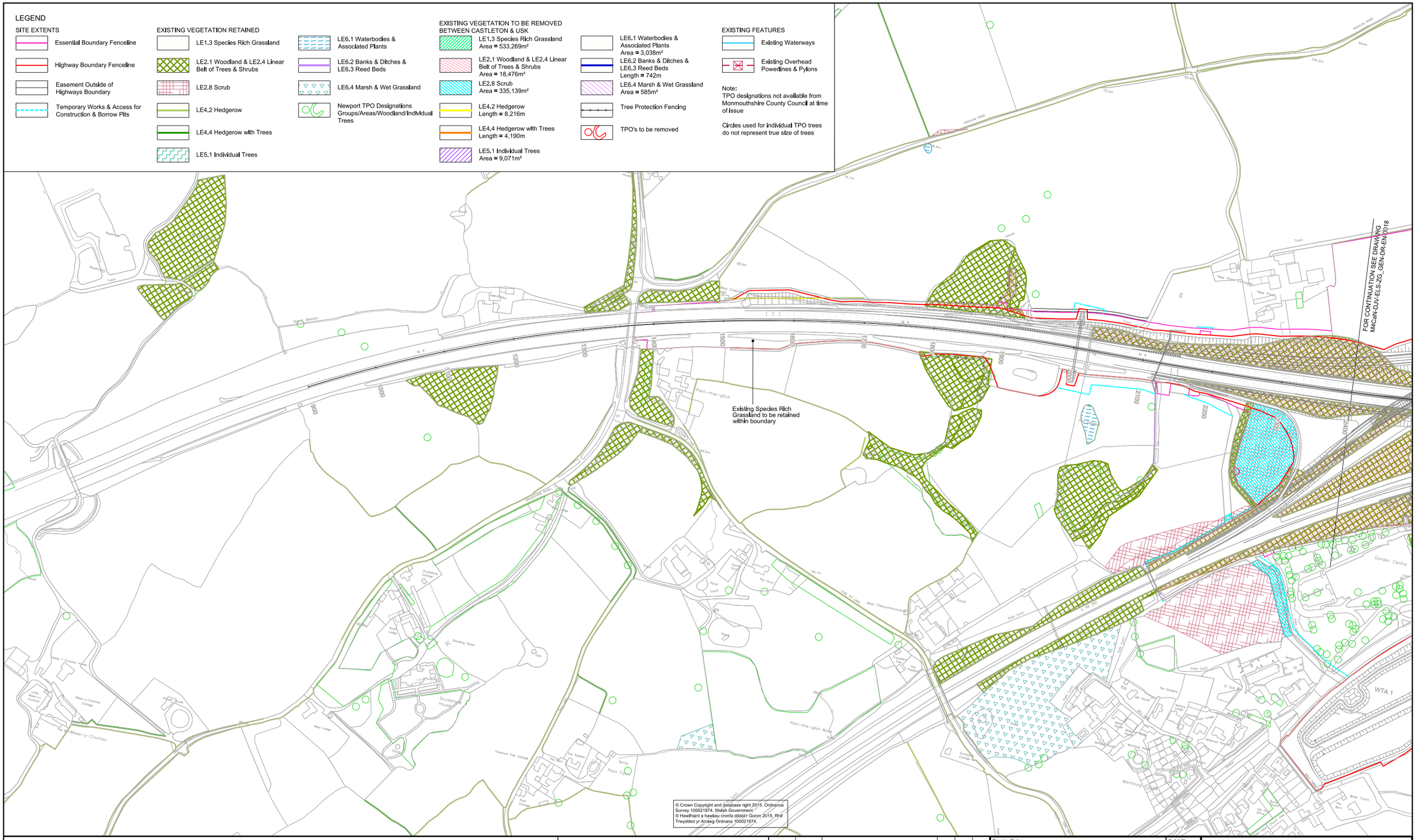
EXISTING VEGETATION RETAINED
- LE1.3 Species Rich Grassland
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs
- LE2.8 Scrub
- LE4.2 Hedgerow
- LE4.4 Hedgerow with Trees
- LE5.1 Individual Trees
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet 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

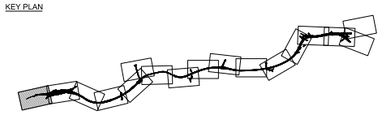
Landscape Elements (LE):

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 2.5	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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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

M4 CORRIDOR AROUND NEWPORT

FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 1 OF 16

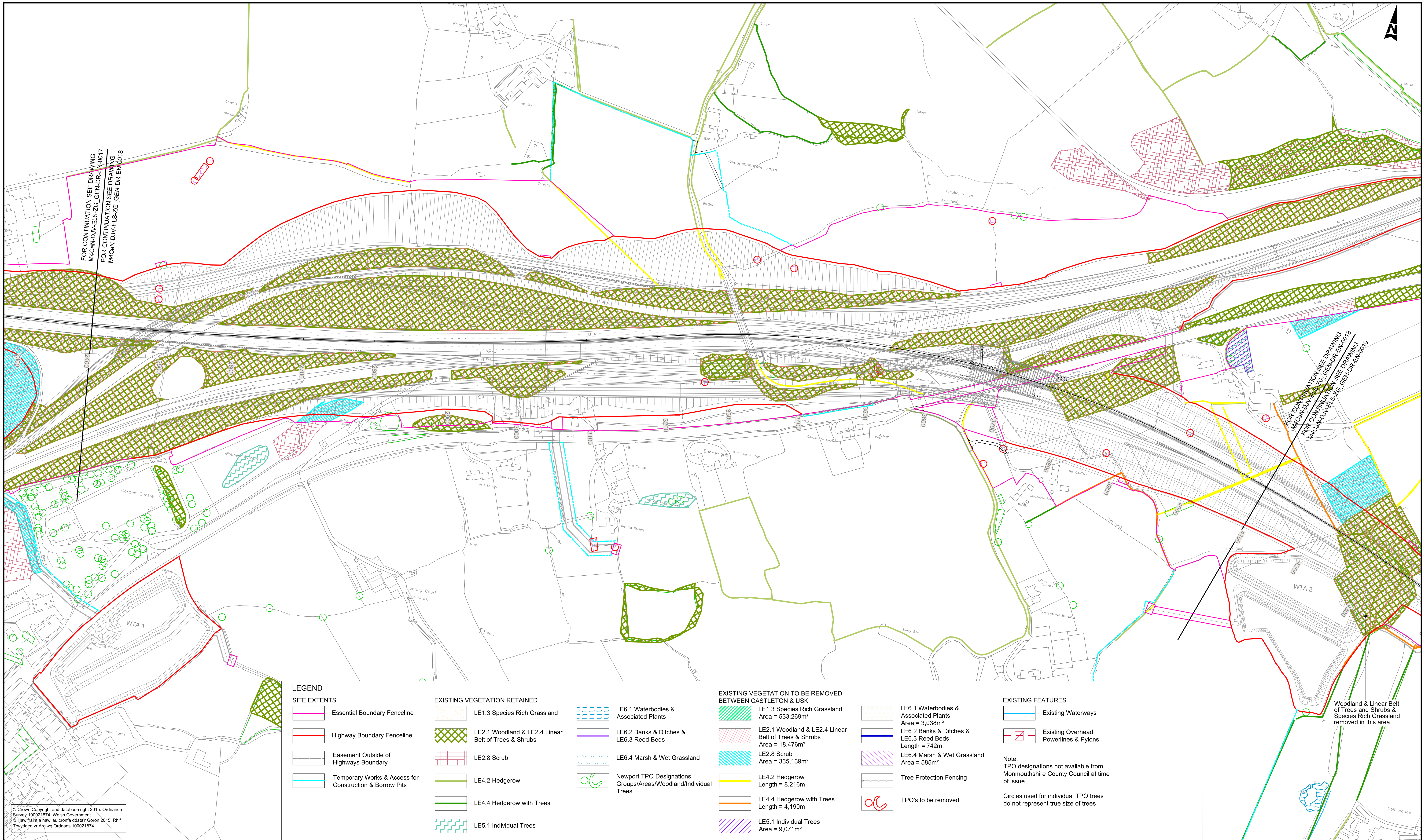
Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0017
Location | Type | Role | Number

Revision
ISSUE 2

DO NOT SCALE

Millimetres 100 10 0



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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
- Newport TPO Designations Groups/Areas/Woodland/Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN CASTLETON & USK

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

Environmental Functions (EF):

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EFB	Landscape Integration
EFC	Enhancing the Built Environment
EFD	Nature Conservation and Biodiversity
EFE	Visual Amenity
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EFH	Water Quality
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Landscape Elements (LE):

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LE 1.3	Species Rich Grassland
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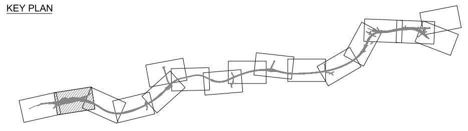
LE 3.2	Ornamental Shrubs
LE 4.3	Native Species Hedgerows
LE 4.4	Native Hedgerows with Trees
LE 5.1	Individual Trees
LE 6.3	Reed Beds
LE 6.4	Marsh and Wet Grassland
LE 7	Hard Landscape

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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R9.21 EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 2 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size A1	Date 23/08/16	Date 23/08/16	Date 24/08/16	Date 01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0018

Revision: ISSUE 2

DO NOT SCALE

Millimetres 0 10 100

LEGEND

SITE EXTENTS
- Essential Boundary Fencelline
- Highway Boundary Fencelline
- 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
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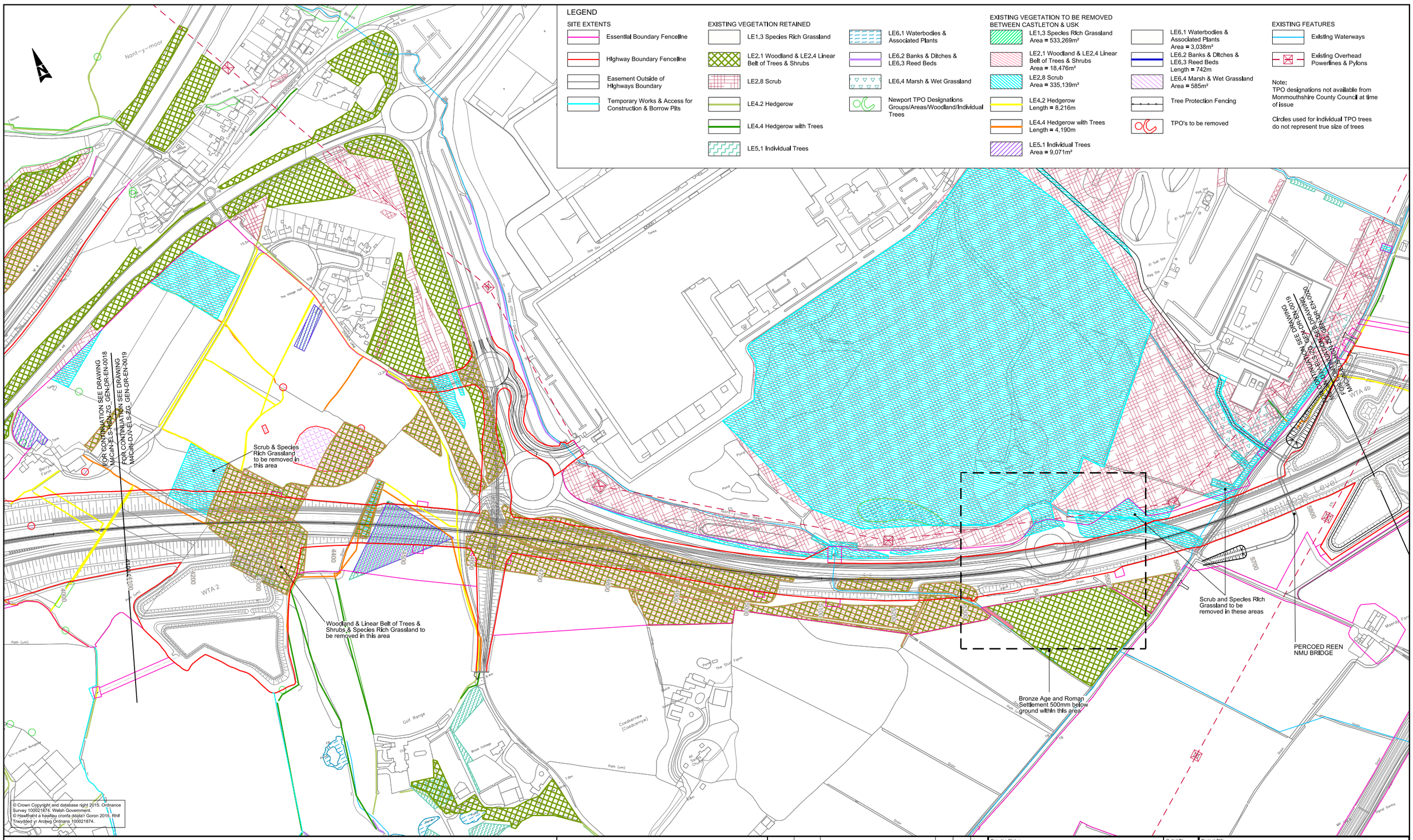
- LE5.1 Individual Trees Area = 9,071m²
- LE6.1 Waterbodies & Associated Plants Area = 3,038m²
- LE6.2 Banks & Ditches & LE6.3 Reed Beds Length = 742m
- LE6.4 Marsh & Wet Grassland Area = 585m²
- Tree Protection Fencing
- TPO's to be removed

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



Environmental Functions (EF):

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EFD	Nature Conservation and Biodiversity
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Landscape Elements (LE):

LE 1.1	Amenity Grassland
LE 1.3	Species Rich Grassland
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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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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 3 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0019
Location | Type | Role | Number

Revision
ISSUE 2

Millimetres

100 10 0

DO NOT SCALE

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
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- 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:
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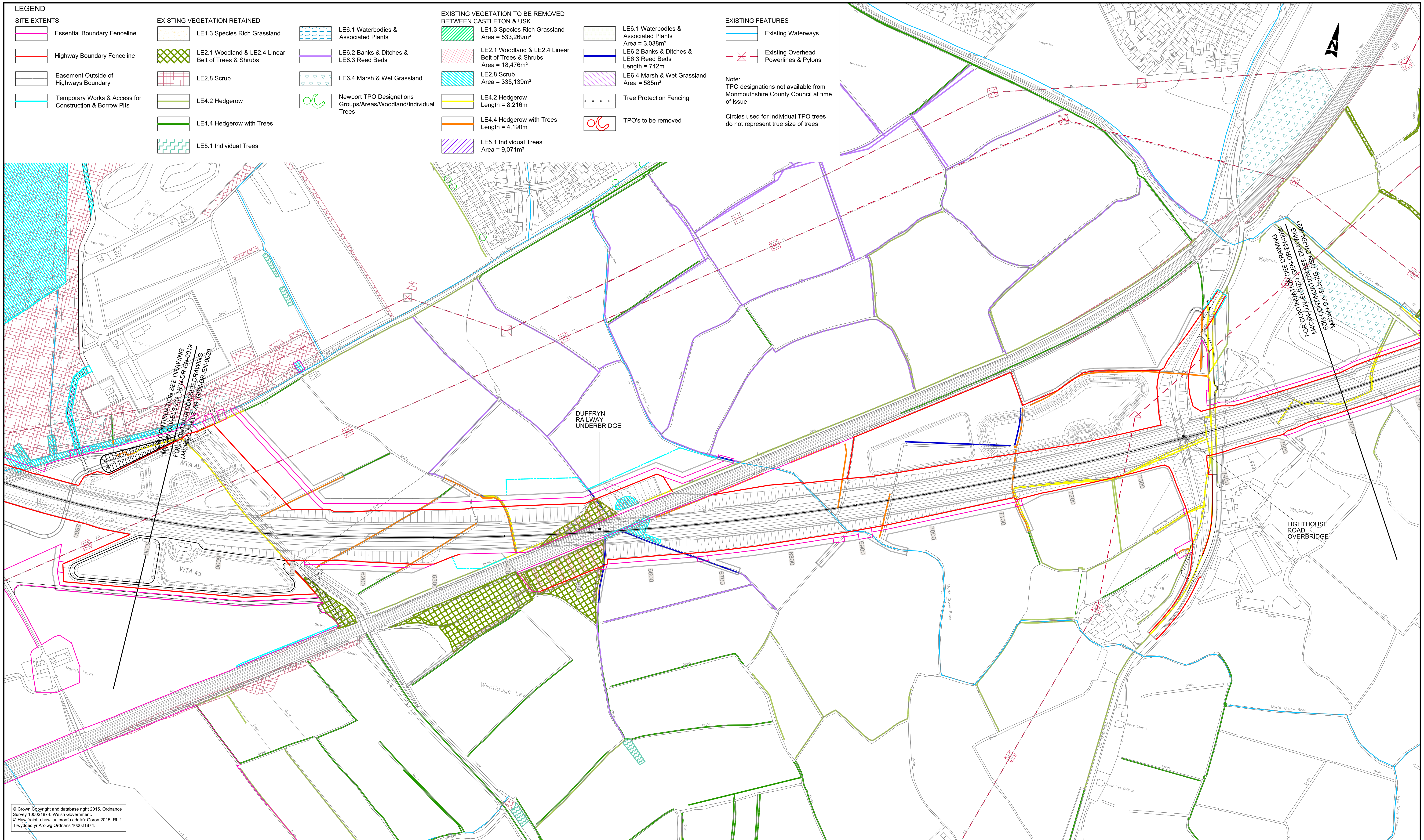

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Environmental Functions (EF):

- 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

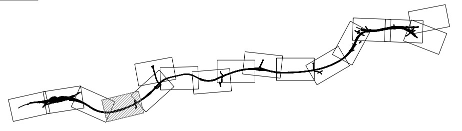
Landscape Elements (LE):

- 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 2.6 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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

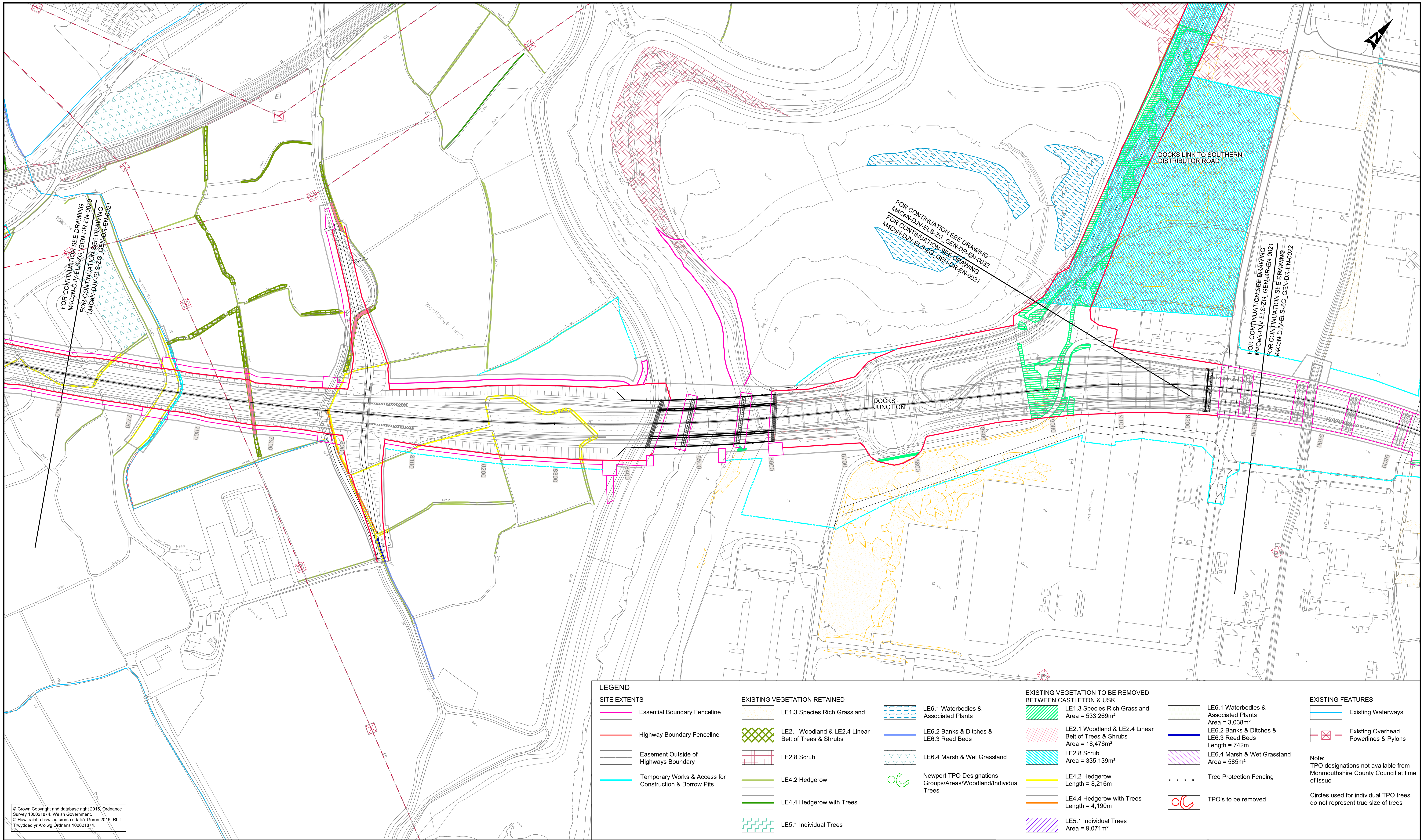
Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 4 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0020

Revision: ISSUE 2



LEGEND

SITE EXTENTS

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

EXISTING VEGETATION RETAINED

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- LE4.2 Hedgerow
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- LE 5.1 Individual Trees
- LE 6.3 Reed Beds
- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

Environmental Elements:

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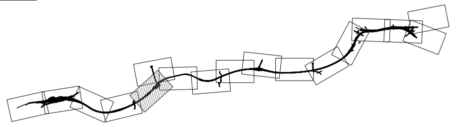
- E1.1 Noise Reducing Surface
- E1.2 Noise Barrier-Built Elements
- E1.3 Noise Earthworks
- E2 Water Quality
- E2.1 Water Pollution Control Measures
- E3 Nature Conservation and Biodiversity
- E3.1 Protected Species
- E3.2 Ecological Protection Measures

KEY PLAN



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:

FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 5 OF 16

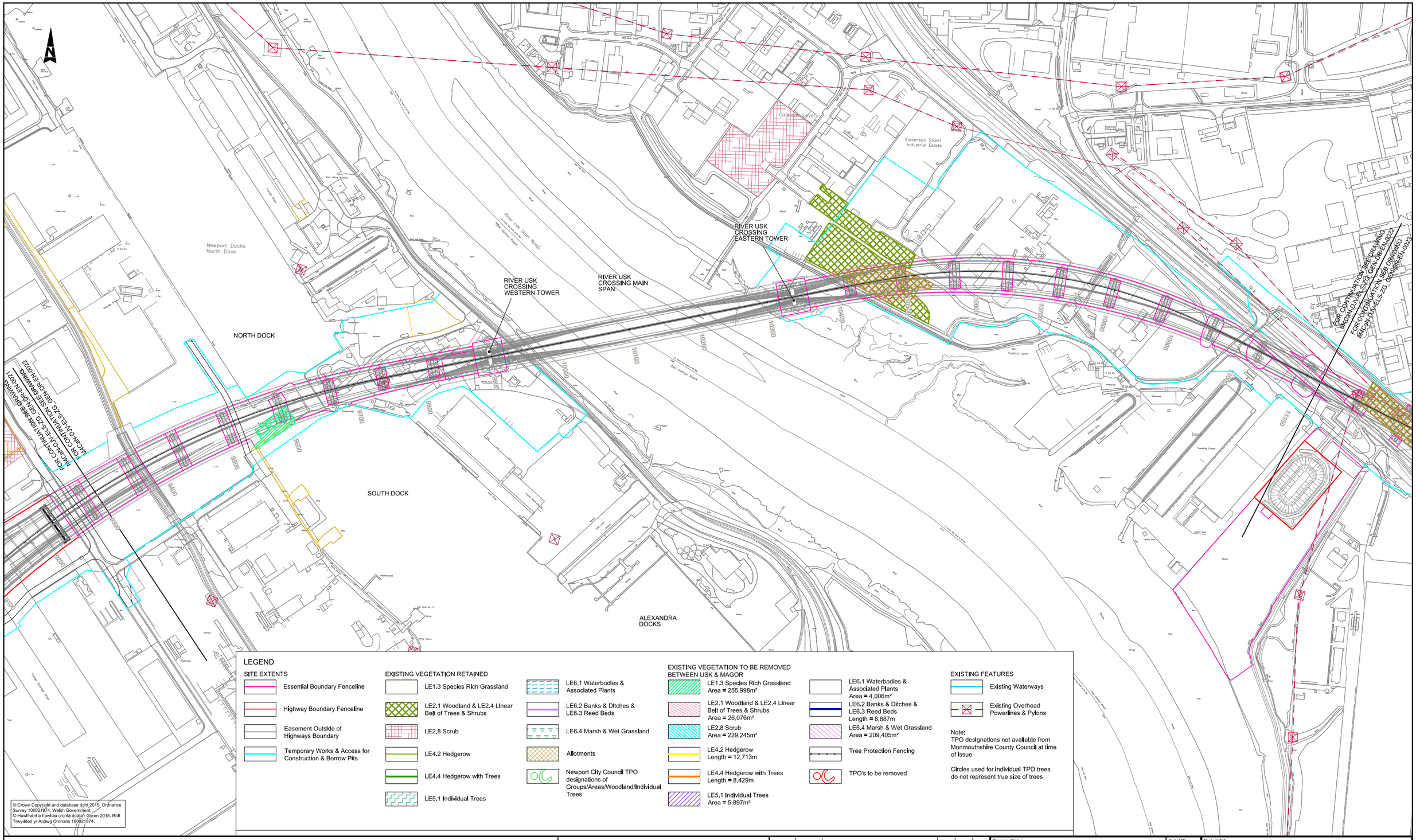
Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0021

Revision: ISSUE 2

DO NOT SCALE

Millimetres 0 10 100



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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

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

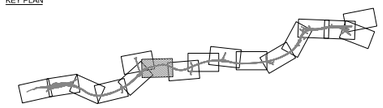
Landscape Elements (LE):

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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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 6 OF 16

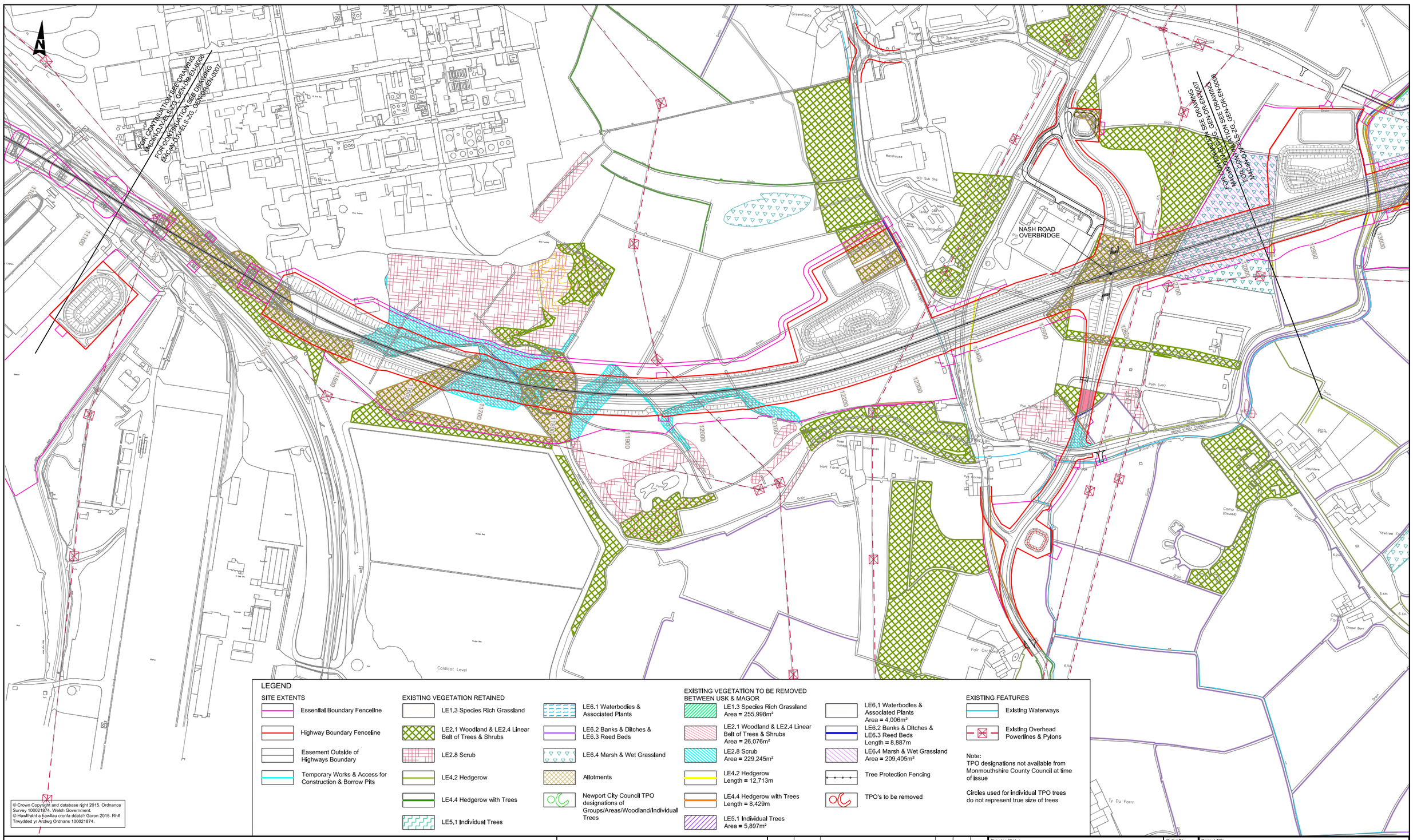
Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0022
Location | Type | Role | Number

Revision
ISSUE 2

DO NOT SCALE

Millimetres 0 10 100



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LEGEND

SITE EXTENTS

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EXISTING VEGETATION RETAINED

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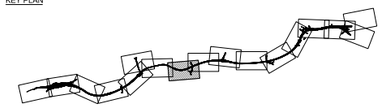
LE 5.1	Individual Trees
LE 6.3	Reed Beds
LE 6.4	Marsh and Wet Grassland
LE 7	Hard Landscape

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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 7 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0023
Location | Type | Role | Number

Revision
ISSUE 2

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
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
- LE6.4 Marsh & Wet Grassland
- Allotments
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EXISTING FEATURES
- Existing Waterways
- Existing Overhead Powerlines & Pylons

Note:
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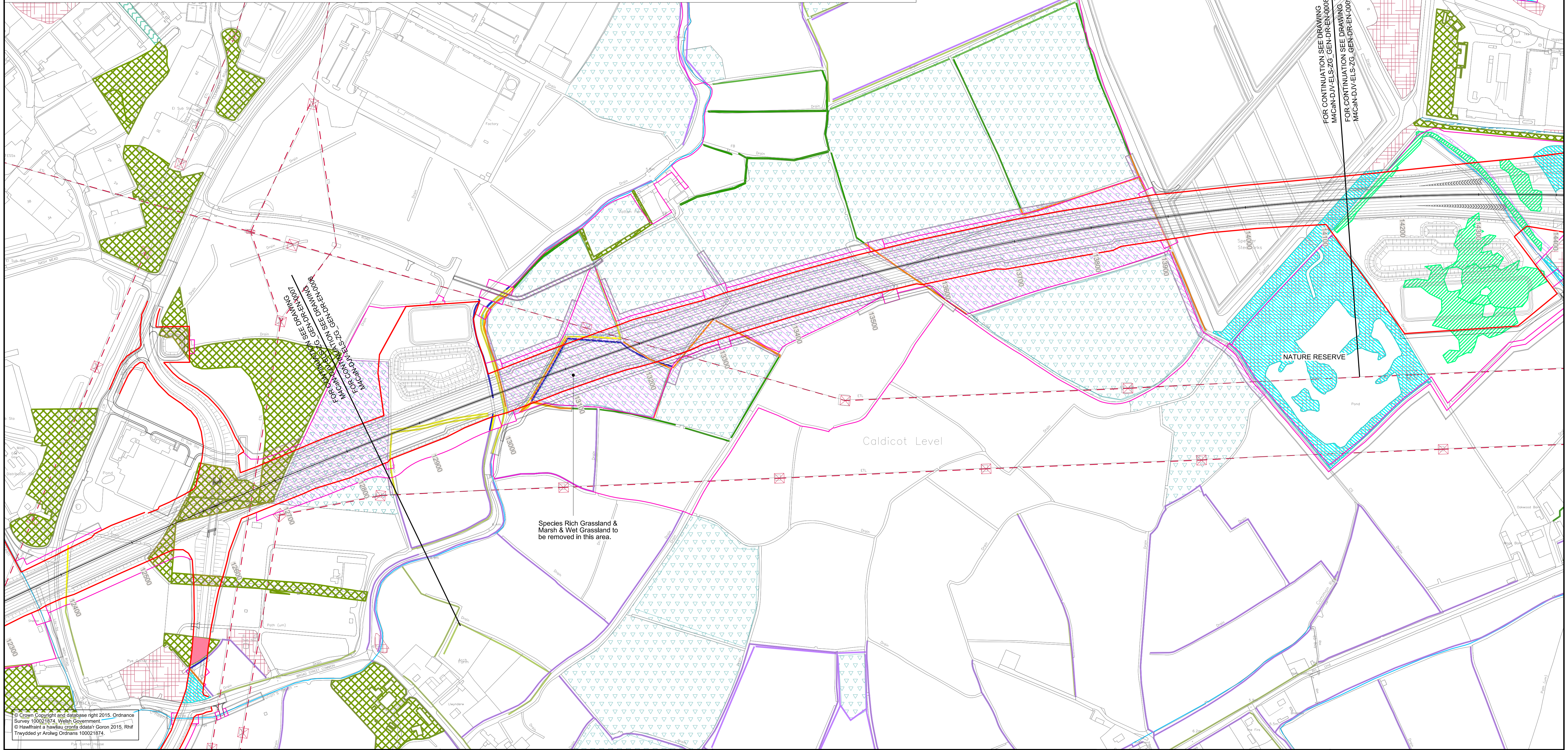

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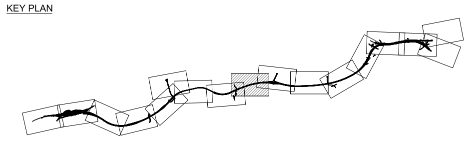
Environmental Functions (EF):
- EFA Visual Screening
- EFB Landscape Integration
- EFC Enhancing the Built Environment
- EFD Nature Conservation and Biodiversity
- EFE Visual Amenity
- EFF Heritage
- EFG Auditory Amenity
- EFH Water Quality
- EFJ Agricultural Highway Boundary
- EFK Access

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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 8 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0024

Revision: ISSUE 2

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
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- LE6.2 Banks & Ditches & LE6.3 Reed Beds
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- Tree Protection Fencing
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EXISTING FEATURES

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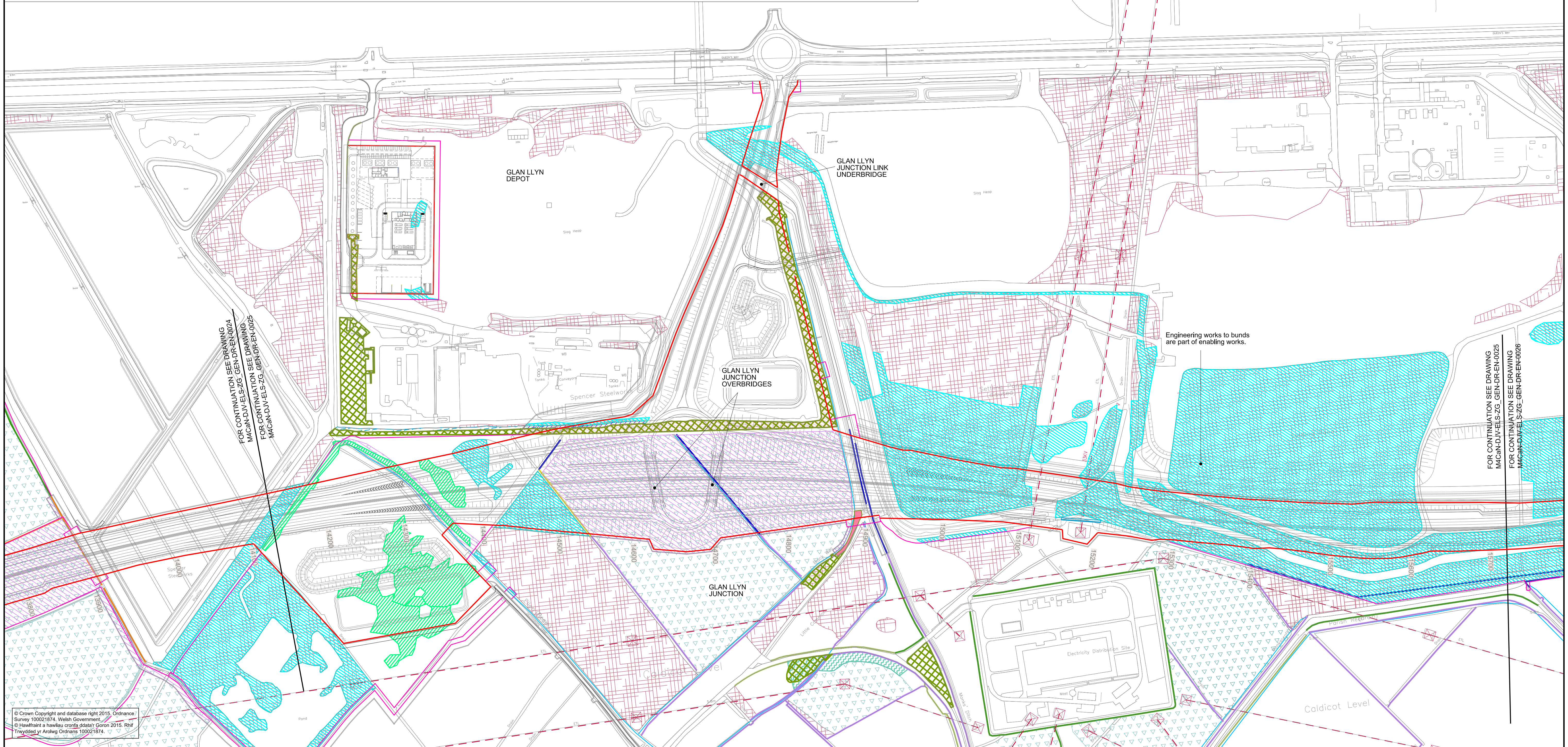

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LE 4.4	Native Hedgerows with Trees
LE 5.1	Individual Trees
LE 6.3	Reed Beds
LE 6.4	Marsh and Wet Grassland
LE 7	Hard Landscape

Environmental Elements:

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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
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KEY PLAN

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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:

FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 9 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number (Project | Originator | Volume / Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0025

Revision: ISSUE 2

DO NOT SCALE

Millimetres 0 10 100

LEGEND

SITE EXTENTS
- Essential Boundary Fenceline
- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
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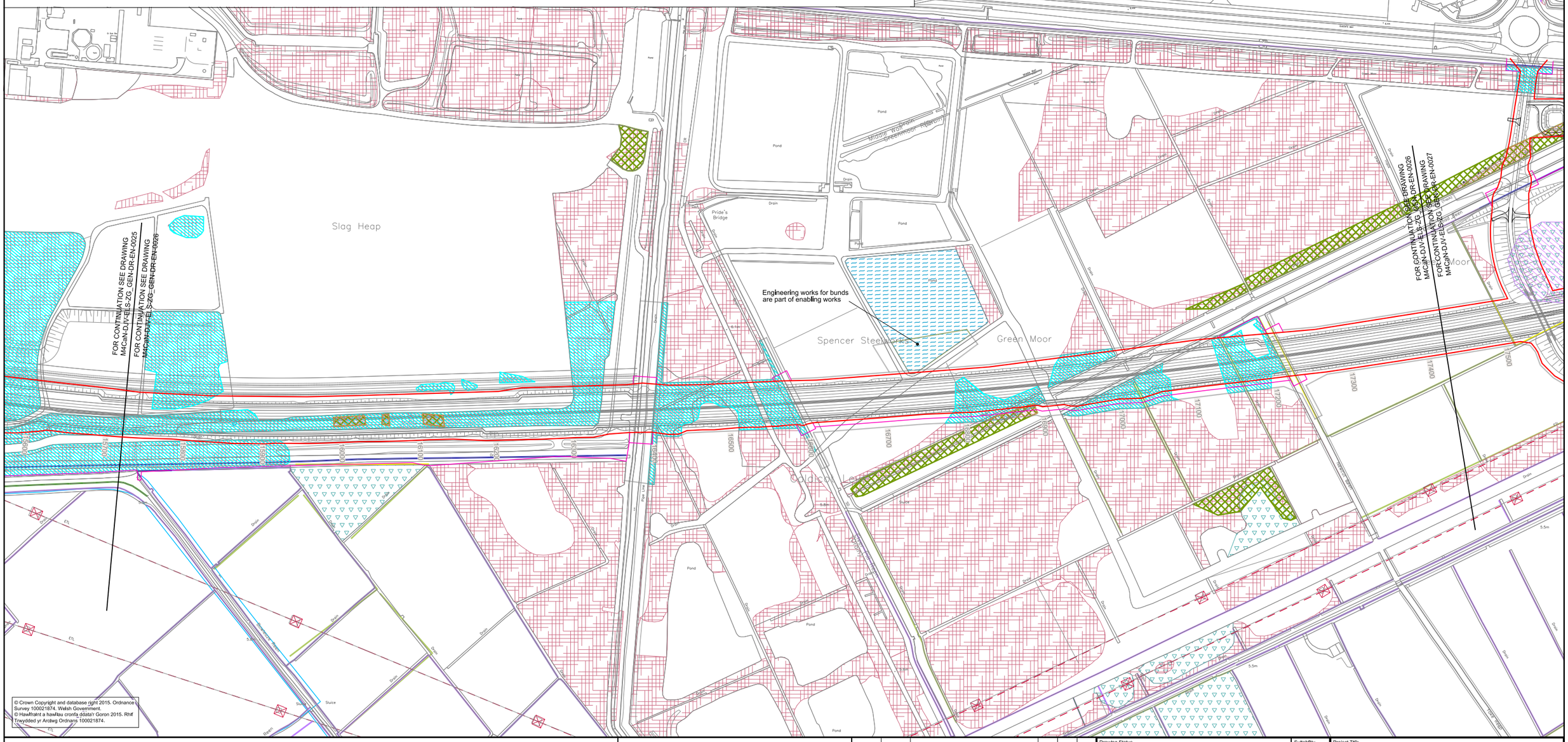

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- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

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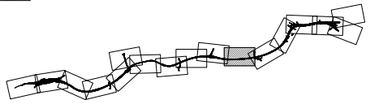
- E1.1 Noise Reducing Surface
- E1.2 Noise Barrier-Built Elements
- E1.3 Noise Earthworks
- E2 Water Quality
- E2.1 Water Pollution Control Measures
- E3 Nature Conservation and Biodiversity
- E3.1 Protected Species
- E3.2 Ecological Protection Measures

KEY PLAN



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ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
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Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 10 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
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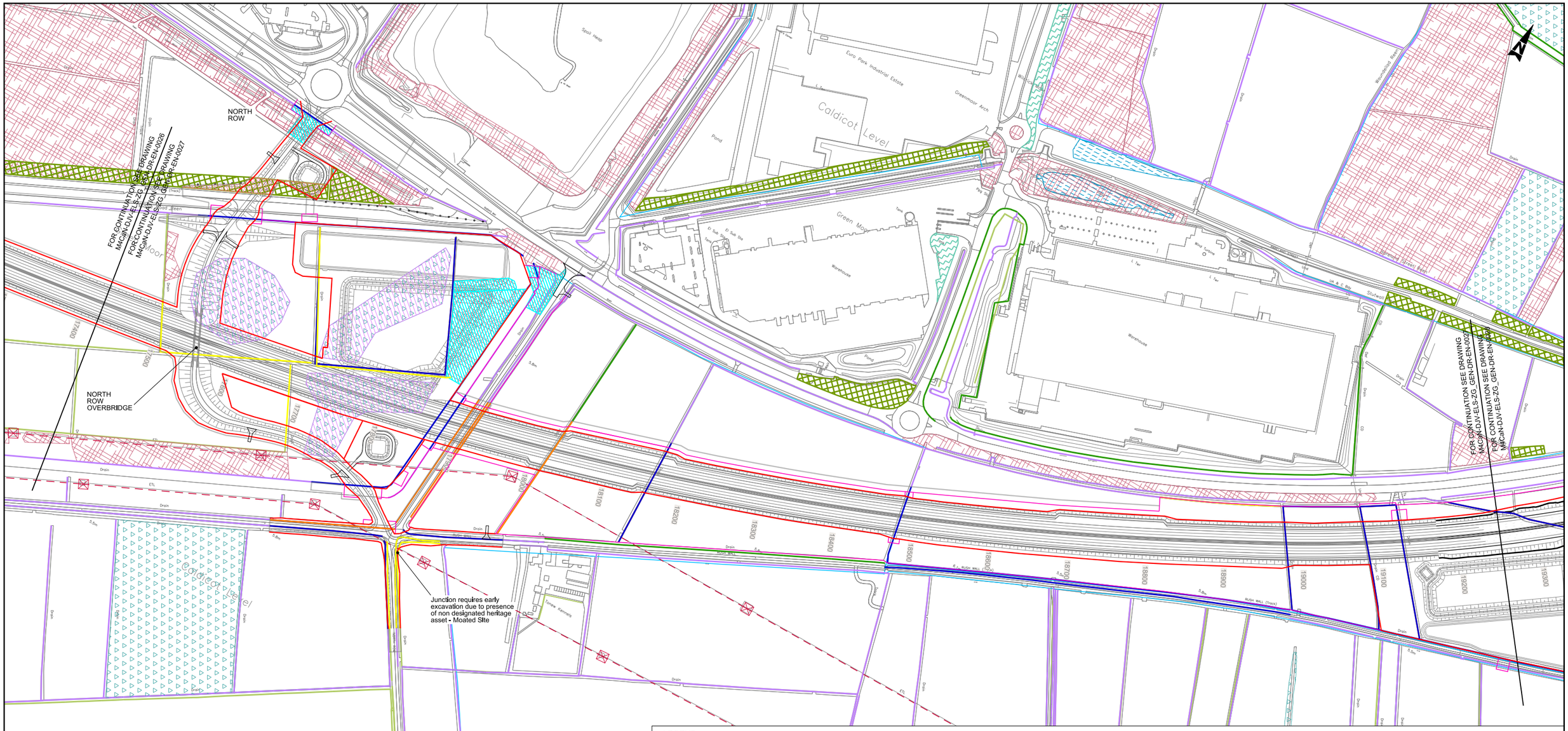
Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0026
Location | Type | Role | Number

Revision
ISSUE 2



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):

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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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 11 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0027
Location | Type | Role | Number

Revision
ISSUE 2

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
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- LE6.2 Banks & Ditches & LE6.3 Reed Beds
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- LE6.4 Marsh & Wet Grassland Area = 209,405m²
- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES
- Existing Waterways
- Existing Overhead Powerlines & Pylons

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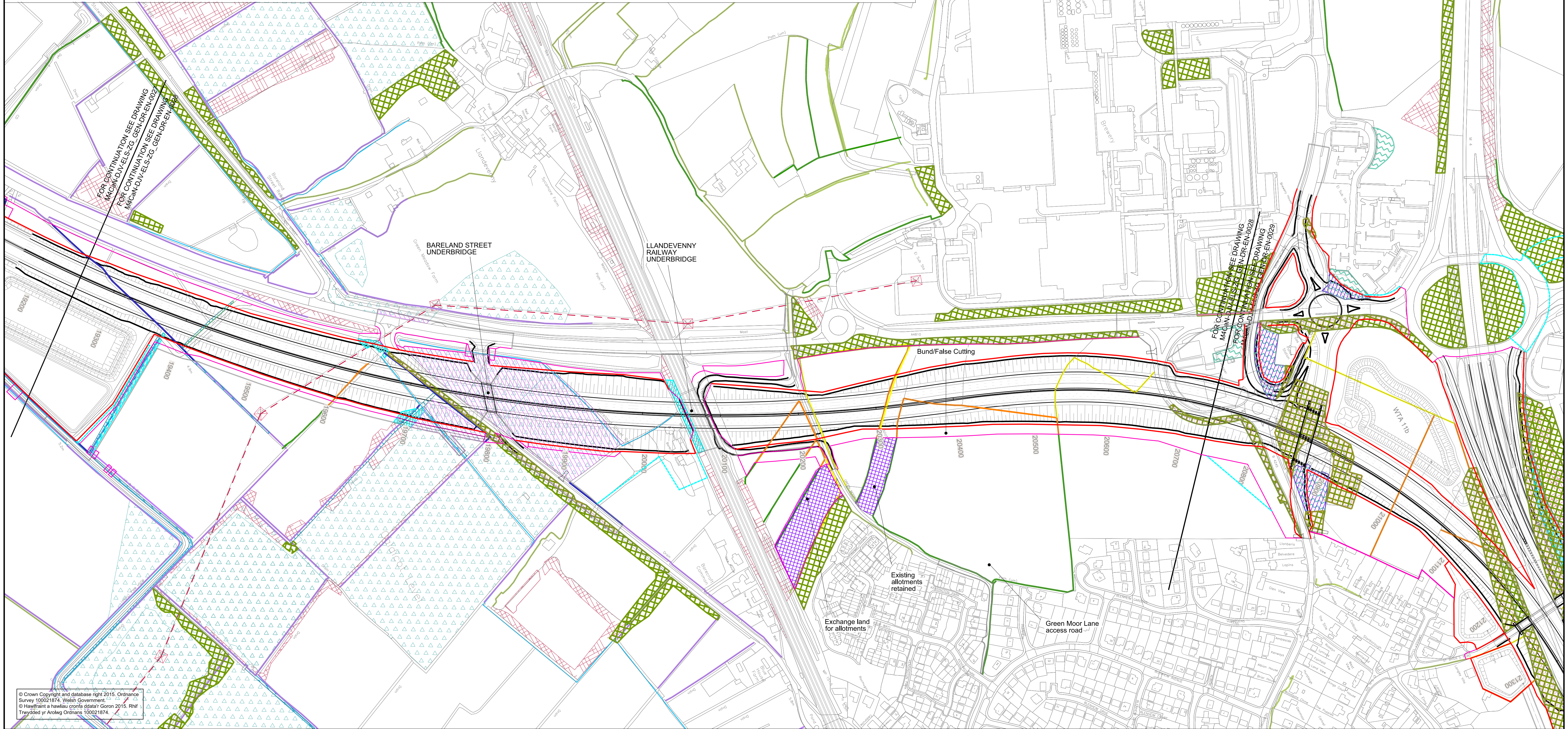

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Environmental Functions (EF):

- 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

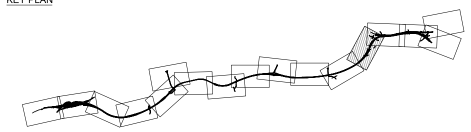
Landscape Elements (LE):

- 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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:

FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 12 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size A1	Date 23/08/16	Date 23/08/16	Date 24/08/16	Date 01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0028

Revision: ISSUE 2

DO NOT SCALE

Millimetres 0 10 100

LEGEND

SITE EXTENTS
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- Highway Boundary Fenceline
- Easement Outside of Highways Boundary
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EXISTING VEGETATION RETAINED
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- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES
- Existing Waterways
- Existing Overhead Powerlines & Pylons

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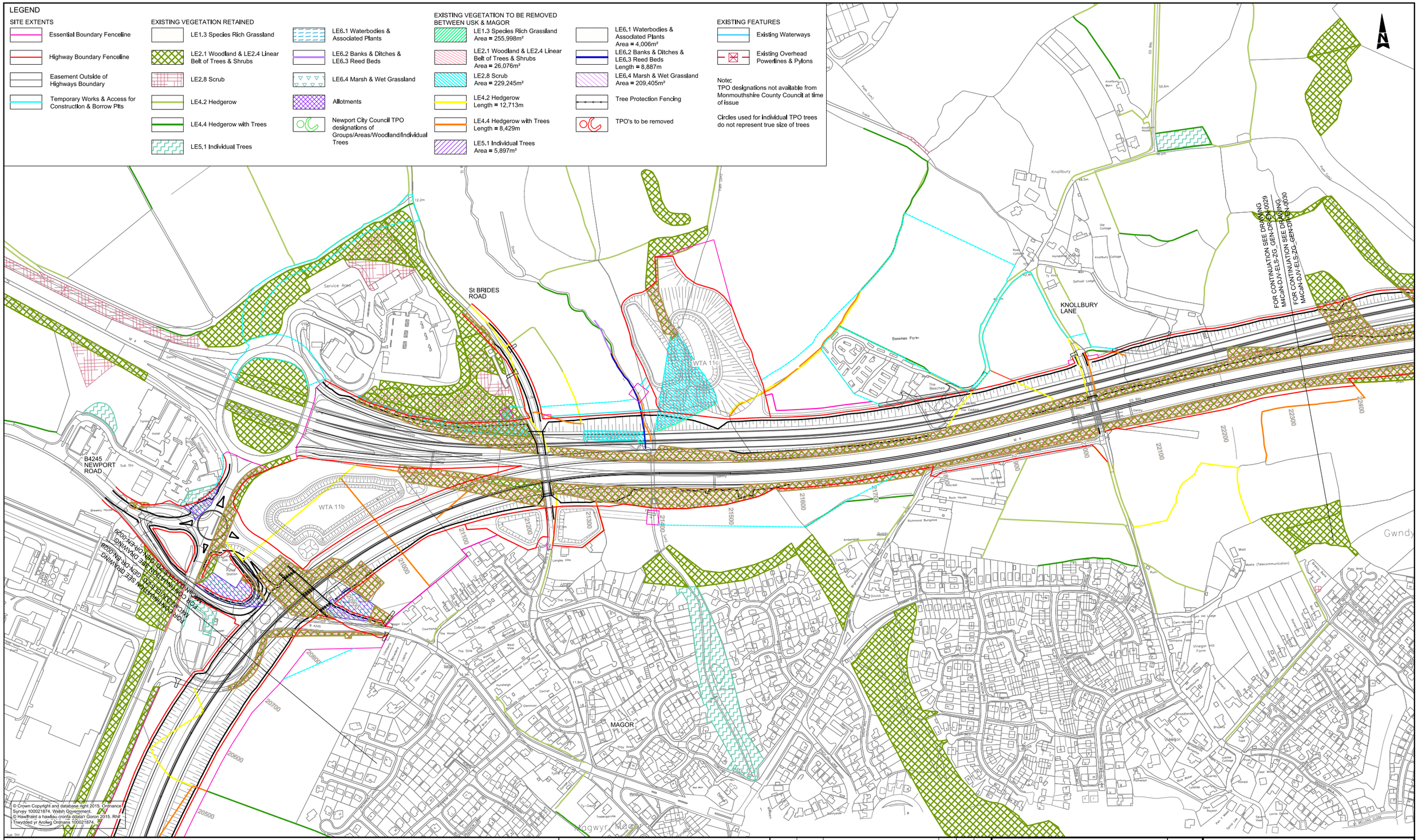
Circles used for individual TPO trees do not represent true size of trees



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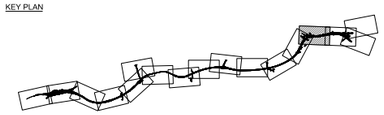
LE 6.4	Marsh and Wet Grassland
LE 7	Hard Landscape

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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Project Team

Client

Llywodraeth Cymru
Welsh Government

M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 13 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0029
Location | Type | Role | Number

Revision
ISSUE 2

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
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- LE5.1 Individual Trees
- LE6.1 Waterbodies & Associated Plants
- LE6.2 Banks & Ditches & LE6.3 Reed Beds
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- Tree Protection Fencing
- TPO's to be removed

EXISTING FEATURES
- Existing Waterways
- Existing Overhead Powerlines & Pylons

Note:
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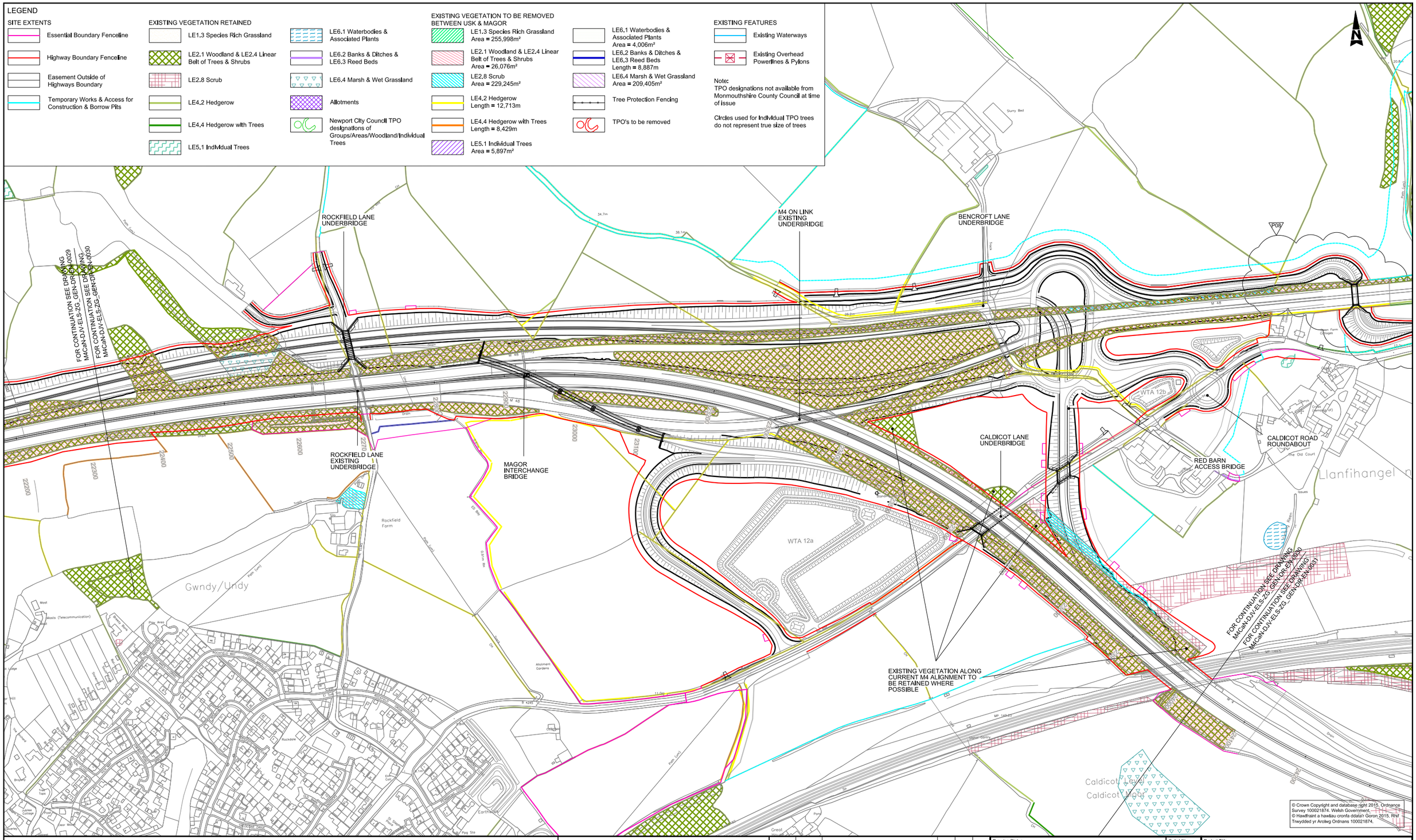

Environmental Functions (EF):

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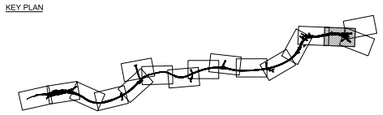
LE 5.1	Individual Trees
LE 6.3	Reed Beds
LE 6.4	Marsh and Wet Grassland
LE 7	Hard Landscape

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



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Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 14 OF 16

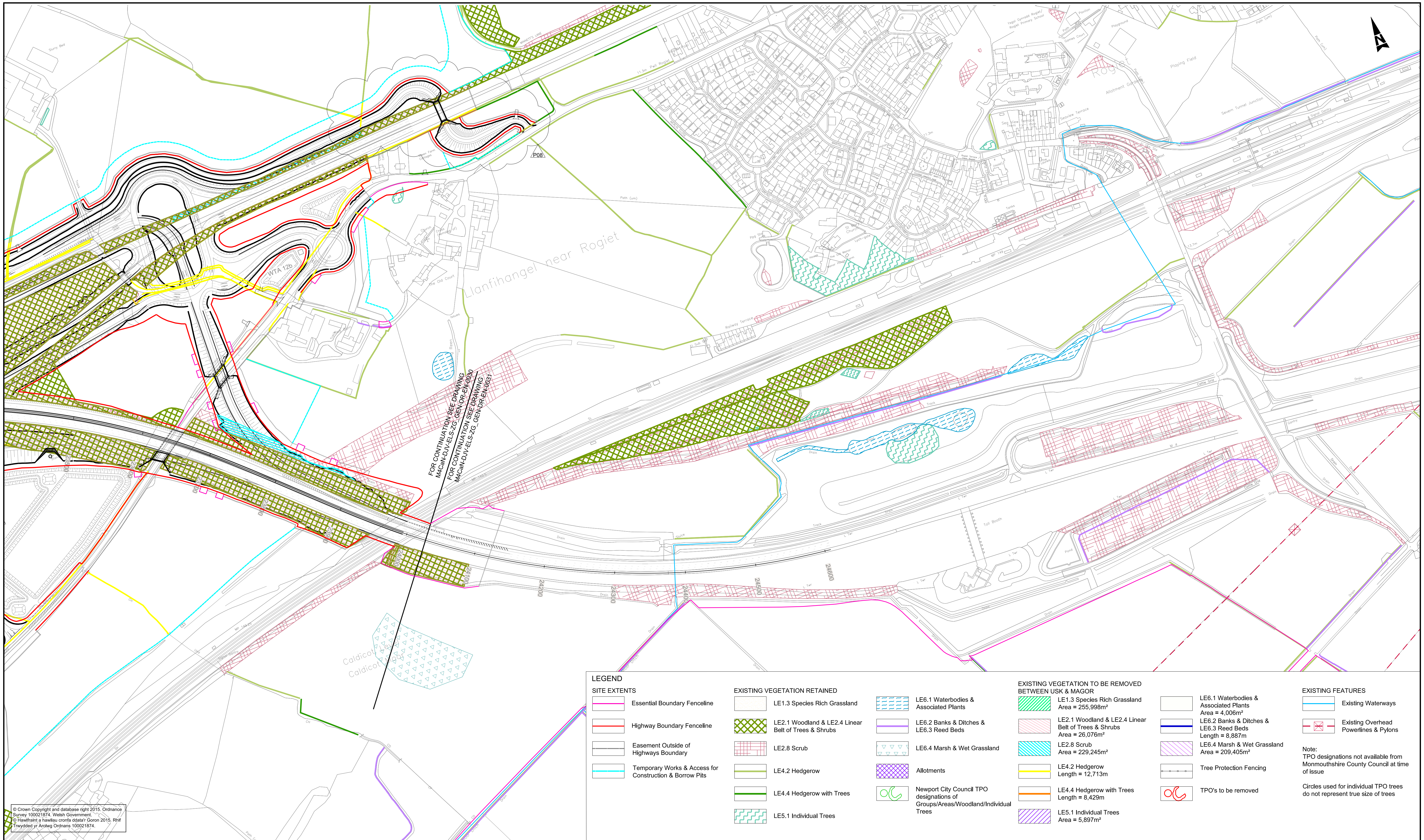
Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0030
Location | Type | Role | Number

Revision
ISSUE 2

DO NOT SCALE

Millimetres 0 10 100



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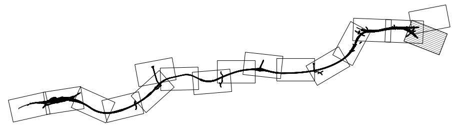
KEY PLAN



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Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

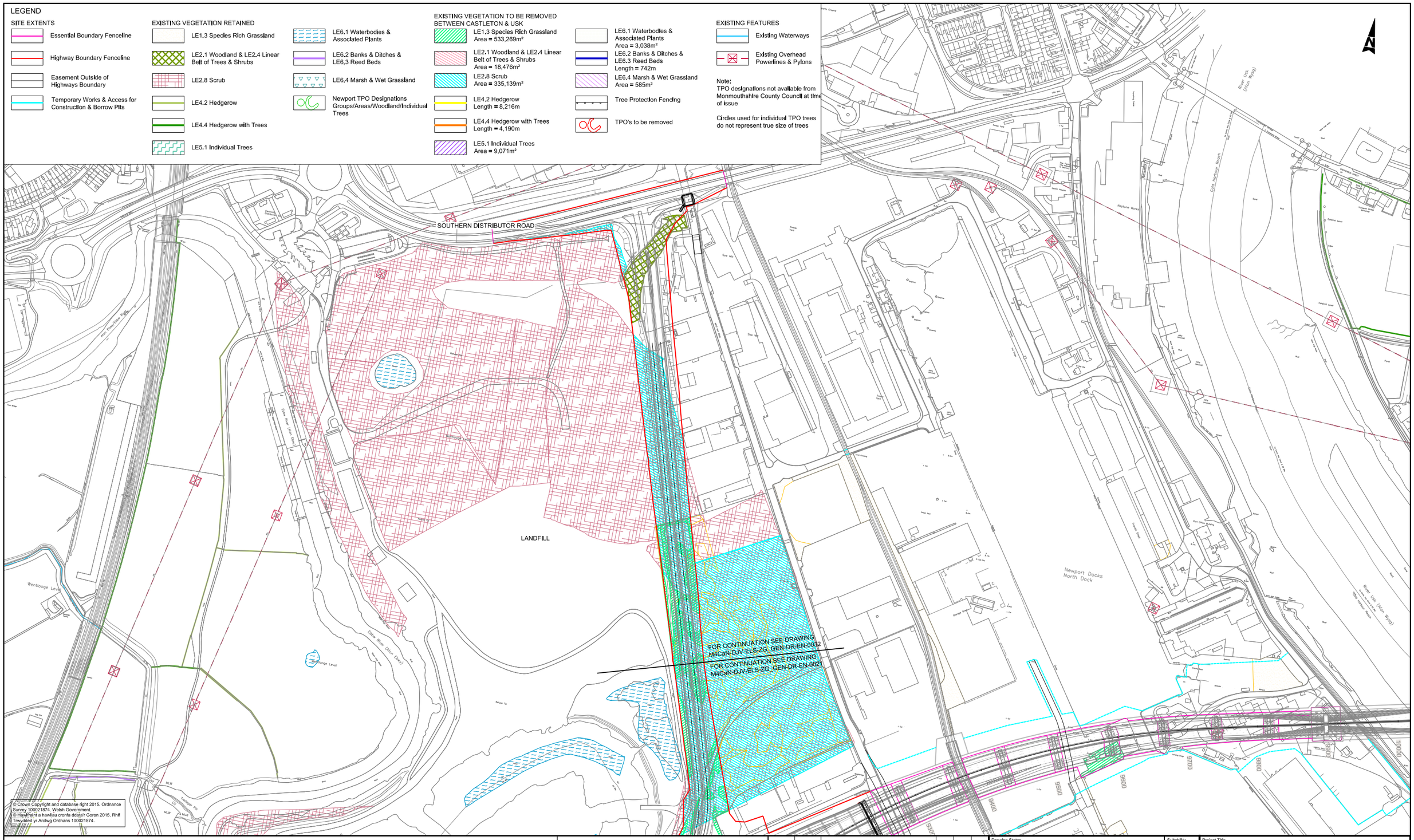
Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 15 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	Date	Date	Date	Date
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number (Project | Originator | Volume | Location | Type | Role | Number): M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0031

Revision: ISSUE 2



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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

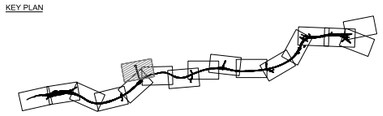
Landscape Elements (LE):

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'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	23/02/16	ENVIRONMENTAL STATEMENT ISSUE	ERM	NJR	PAI
ISSUE 2	24/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	PAI

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R9.21
EXISTING VEGETATION & CLEARANCE DRAWINGS
SHEET 16 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	KEN
Original Size	**Date**	**Date**	**Date**	**Date**
A1	23/08/16	23/08/16	24/08/16	01/09/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0032
Location | Type | Role | Number

Revision
ISSUE 2