

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

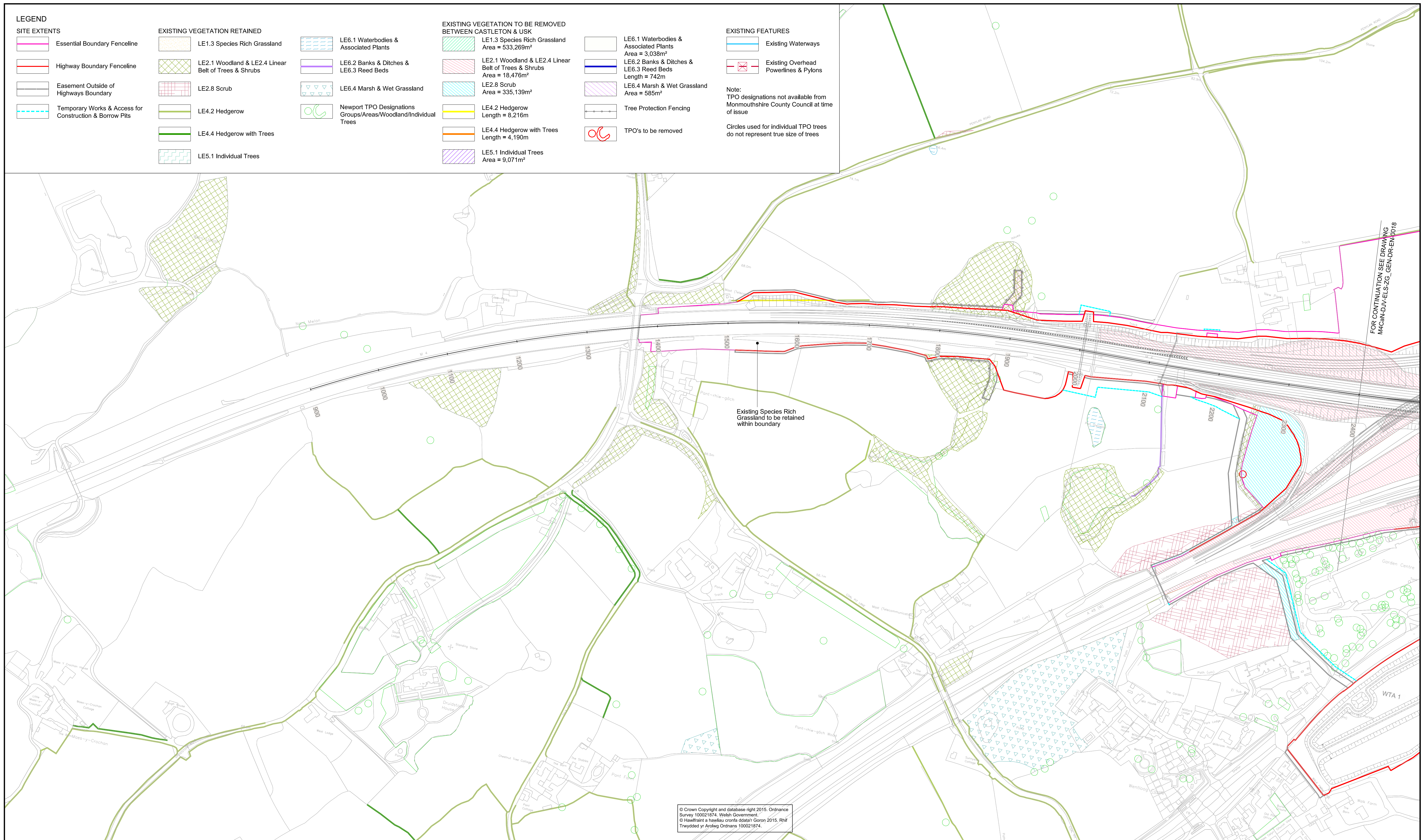
EXISTING VEGETATION TO BE REMOVED BETWEEN CASTLETON & USK

- 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



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

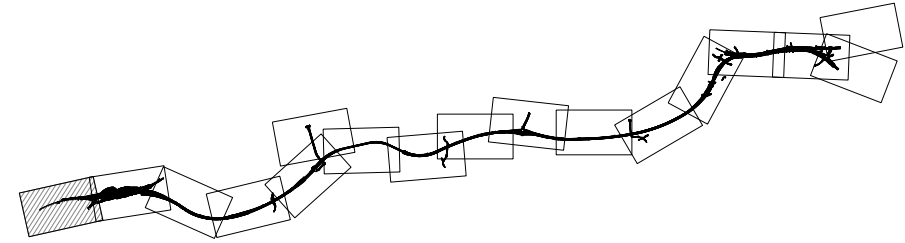
Landscape Elements (LE):

- 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'

© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hwylfwrdd a hyswiau corffora datariol Goron 2015. Rhif Trwydded yr Arddwg Ordians 100021874.

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status	Subsidiary
Project Team	
Client	



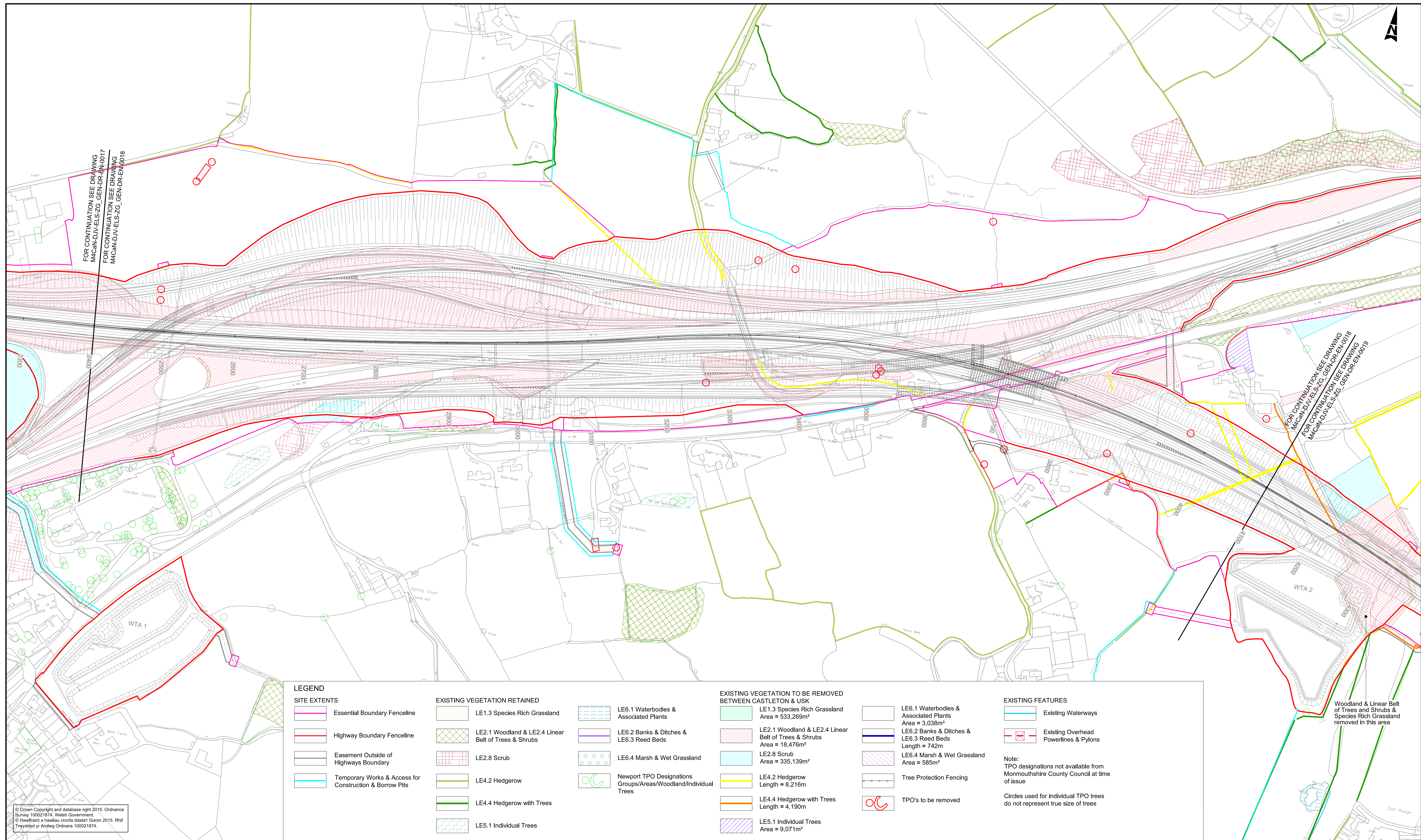
M4 CORRIDOR AROUND NEWPORT

FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 1 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
Original Size A1	Date 29/11/16	Date 02/12/16	Date 02/12/16	Date 02/12/16
Drawing Number Project	Originator M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0017	Volume	Revision	ISSUE 3

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

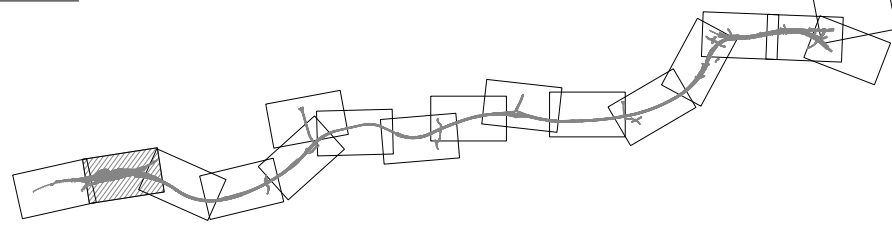
© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawlfraint corfforaidd Goron 2015. Rhif Trwydded y'r Arolwg Ordnans 100021874.

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

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

- 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'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status	Suitability	Project Title
Project Team		M4 CORRIDOR AROUND NEWPORT
Client		



Drawing Title					
FIGURE SR9.21 EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 2 OF 16					
Scale	Designed / Drawn	Checked	Approved	Authorised	
1:2500	ERM	NJR	PAI	BCS	
Original Size	Date	Date	Date	Date	
A1	29/11/16	02/12/16	02/12/16	02/12/16	
Drawing Number	Project	Originator	Volume	Revision	
		M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0018		ISSUE 3	
Location	Type	Role	Number		

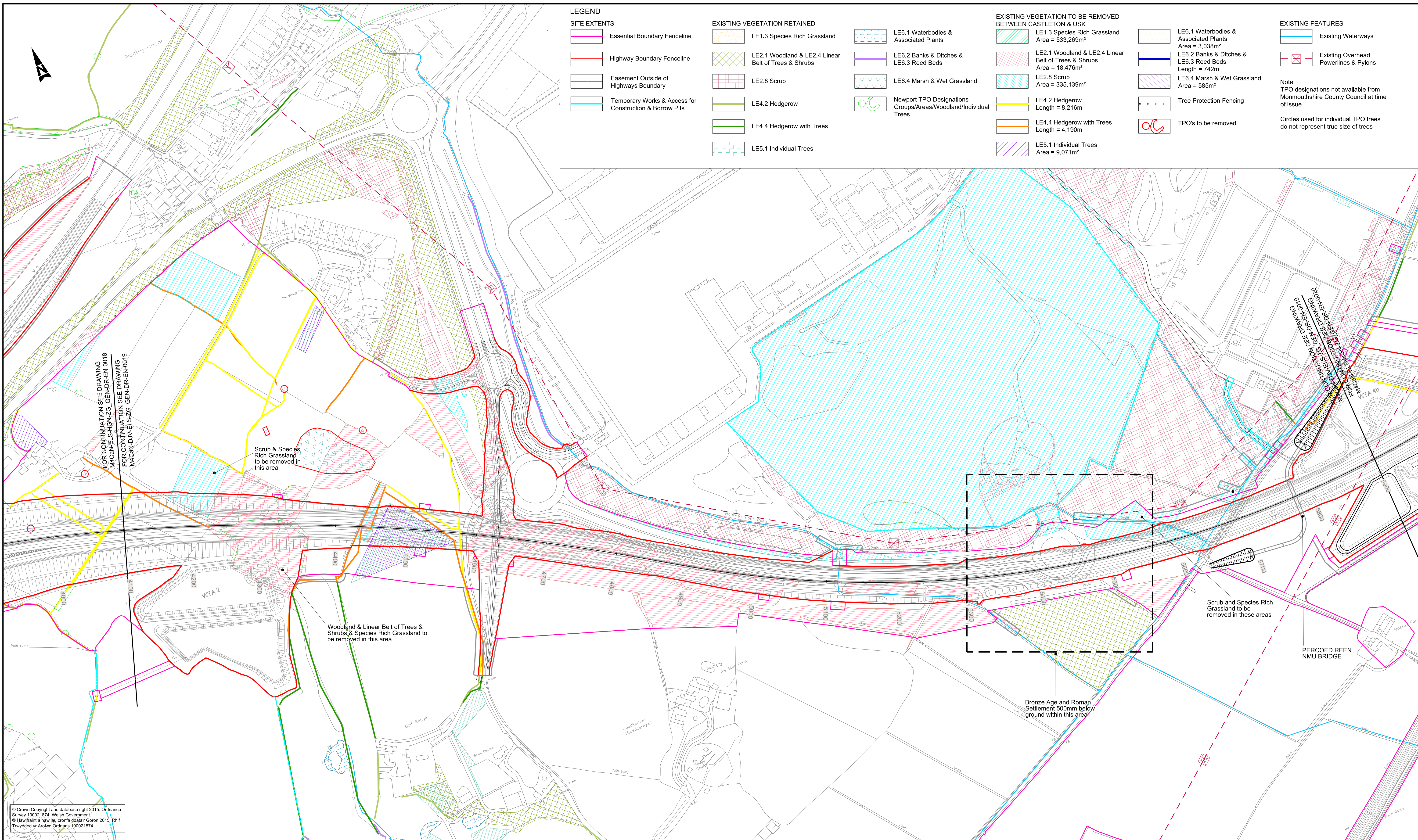
DO NOT SCALE

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 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 BETWEEN CASTLETON & USK

- 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

© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawlfraint a hawliau cronfa ddiarha Goron 2015. Rhif Trwydded yr Arolwg Ordnans 100021874.

Environmental Functions (EF):

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

Landscape Elements (LE):

- LE 1.1 Amenity Grassland
- LE 1.3 Species Rich Grassland
- LE 1.4 Rock and Scree
- LE 1.6 Open Grassland
- LE 2.1 Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
- LE 2.5 Shrubs with Intermittent Trees
- LE 2.6 Shrubs
- LE 3.1 Amenity Tree and Shrub Planting
- LE 3.2 Ornamental Shrubs
- LE 4.3 Native Species Hedgerows
- LE 4.4 Native Hedgerows with Trees
- LE 5.1 Individual Trees
- LE 6.3 Reed Beds
- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

Environmental Elements:

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

KEY PLAN

GENERAL NOTES

- 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	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status

Project Team

Client

Suitability

Project Title

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 3 OF 16

Scale	1:2500	Designed / Drawn	Checked	Approved	Authorised
Original Size	A1	ERM	NJR	PAI	BCS
Date	29/11/16	02/12/16	02/12/16	02/12/16	02/12/16
Drawing Number	Project	Originator	Volume	Revision	
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0019					ISSUE 3
Location	Type	Role	Number		

100
Millimetres
0 10
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

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

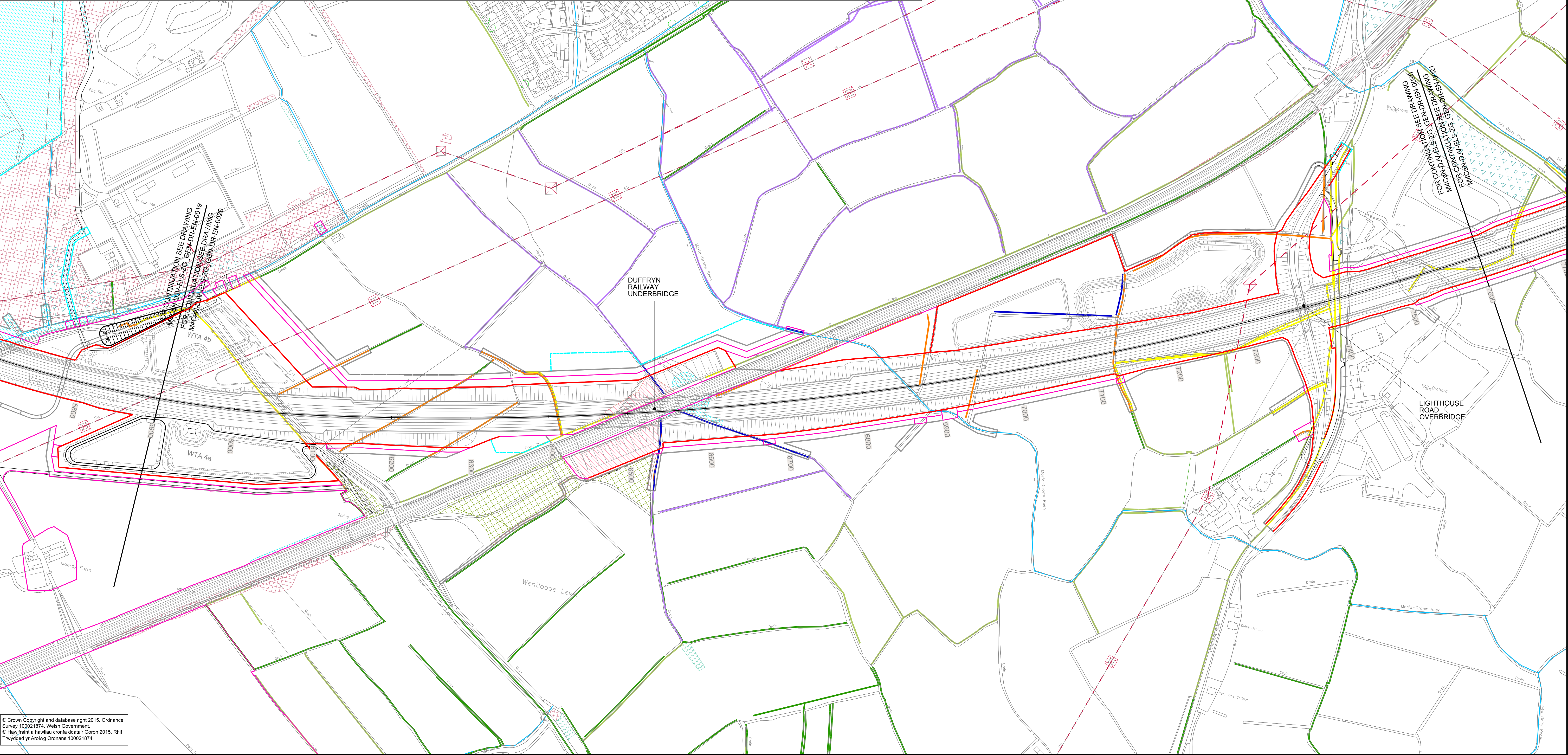
Existing Waterways

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



© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau corffoedd Goron 2015. Rhif Trwydded yr Arrolwg Ordnans 100021874.

Environmental Functions (EF):

EFA Visual Screening

EFB Landscape Integration

EFC Enhancing the Built Environment

EFD Nature Conservation and Biodiversity

EFE Visual Amenity

EFF Heritage

EFG Auditory Amenity

EFH Water Quality

EFJ Agricultural Highway Boundary

EFK Access

Landscape Elements (LE):

LE 1.1 Amenity Grassland

LE 1.3 Species Rich Grassland

LE 1.4 Rock and Scree

LE 1.6 Open Grassland

LE 2.1 Woodland

LE 2.4 Linear Belt of Shrubs and Trees

LE 2.6 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_CH_0001-0016'

Drawing Status

Project Team

Client

Llywodraeth Cymru
Welsh Government

Subsidiary

Drawing Title

Scale

Original Size

Drawing Number

M4 CORRIDOR AROUND NEWPORT

FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 4 OF 16

1:2500
A1

Project

Designed / Drawn

Checked

Approved

Authorised

ERM

NJR

PAI

BCS

Date

Date

Date

Date

29/11/16

02/12/16

02/12/16

02/12/16

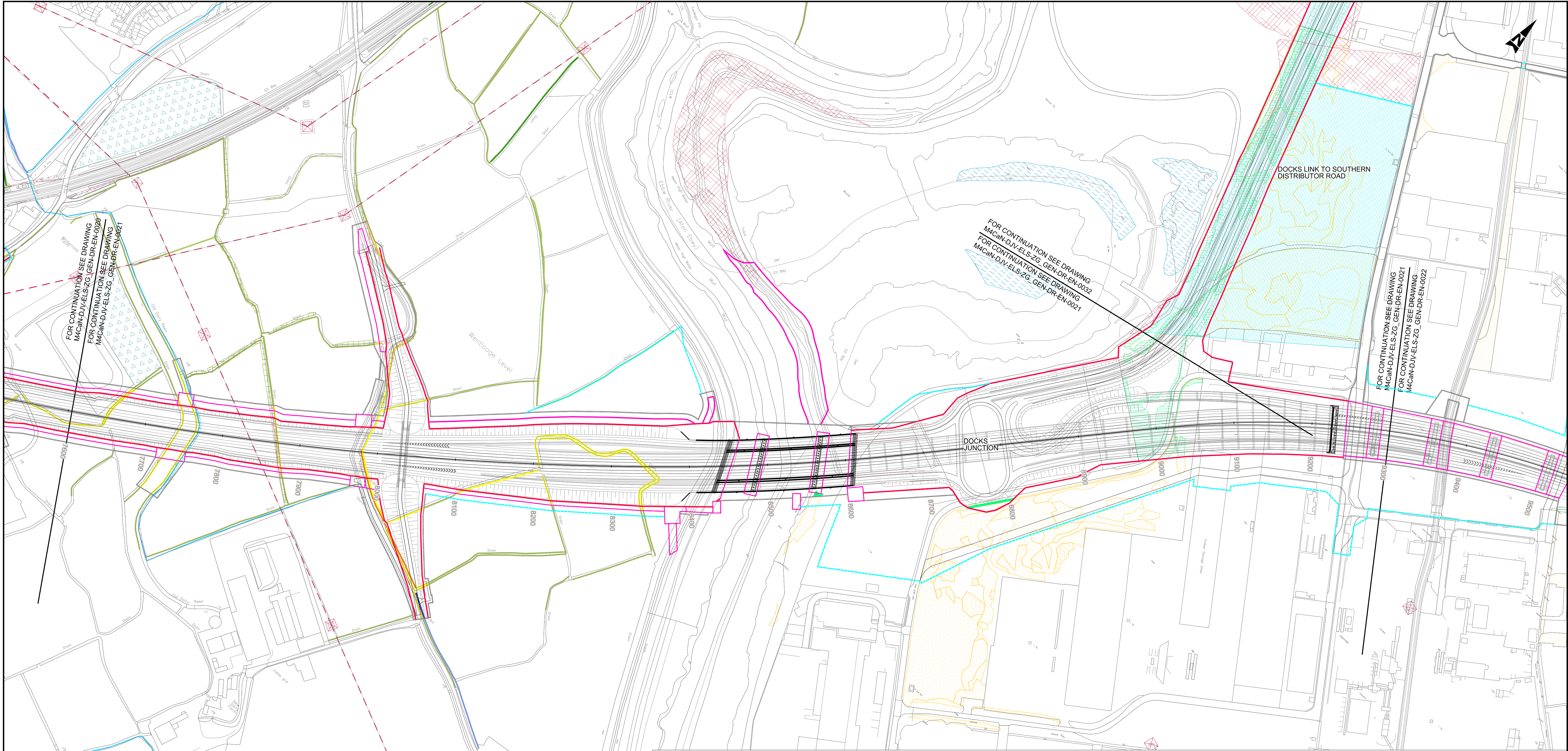
Volume

Revision

M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0020

ISSUE 3

100
0 10
Millimetres



© Crown Copyright and database right 2015, Ordnance Survey 100021874, Welsh Government.
© Haulffrant a hawlfraen y cyhoeddwr 2015, Rhif Trwydded yr Arolwg Ordnans 100021874.

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

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

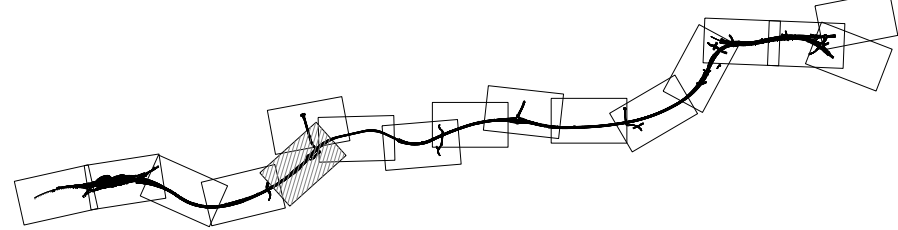
Landscape Elements (LE):

- 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'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status	Subsidiary
Project Team	
Client	



Project Title M4 CORRIDOR AROUND NEWPORT					
Drawing Title FIGURE SR9.21 EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 5 OF 16					
Scale 1:2500	Designed / Drawn ERM	Checked NJR	Approved PAI	Authorised BCS	
Original Size A1	Date 29/11/16	Date 02/12/16	Date 02/12/16	Date 02/12/16	
Drawing Number Project	Originator	Volume	Revision		
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0021			ISSUE 3		
Location	Type	Role	Number		

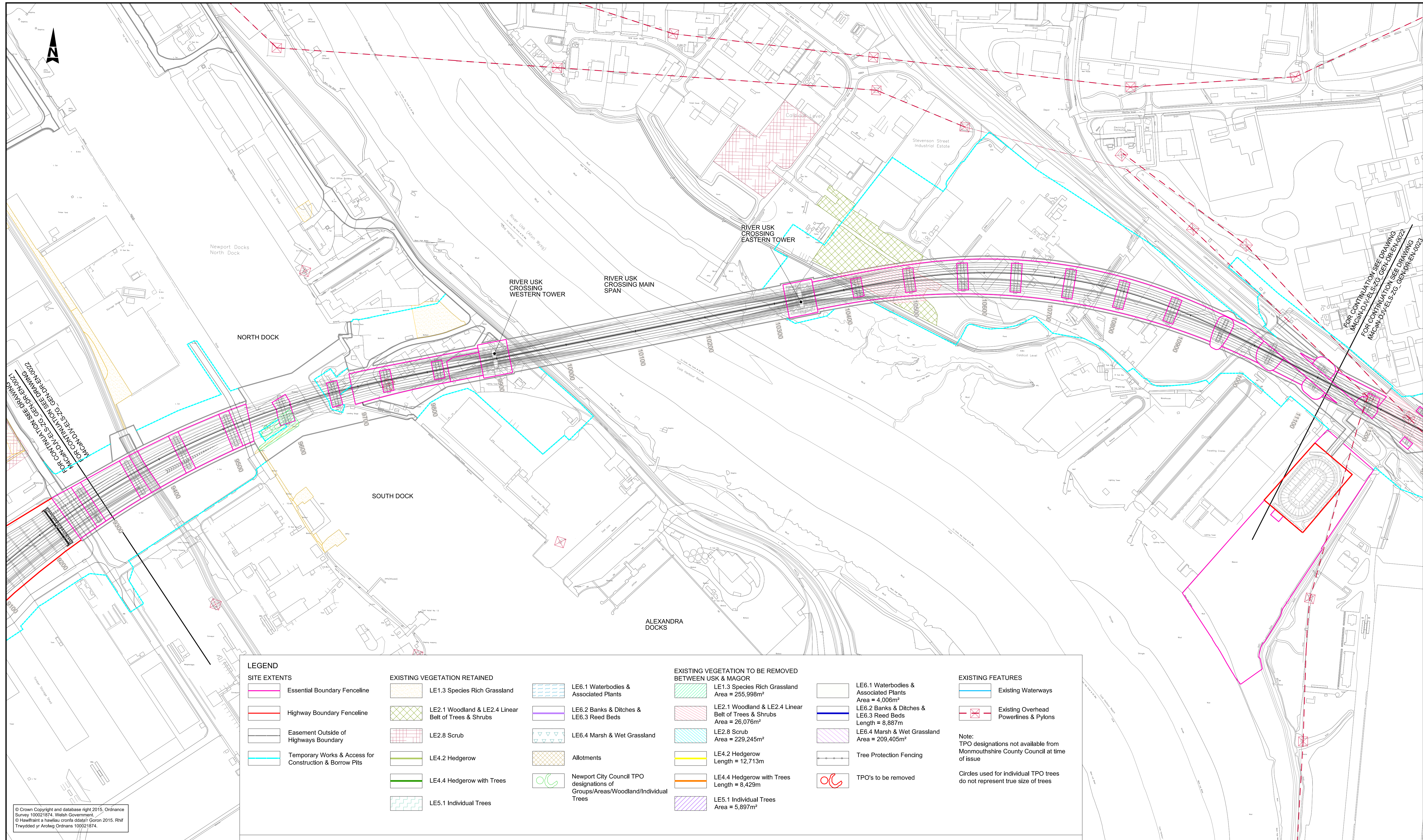
DO NOT SCALE

Millimetres

0

10

100



© Crown Copyright and database right 2015, Ordnance Survey 100021874, Welsh Government.
© Hawflraint a hawliau cronfa ddata'r Goron 2015, Rhif Trwydded yr Arolwg Ordians 100021874.

Environmental Functions (EF):

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

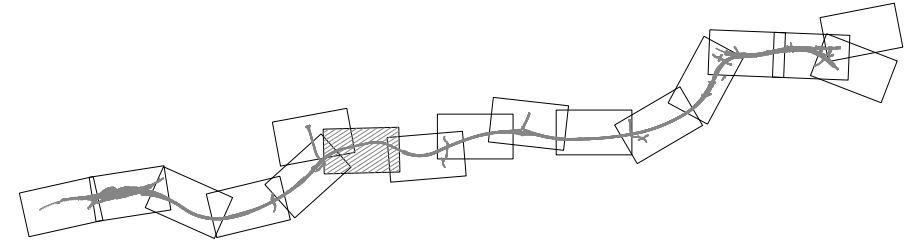
Landscape Elements (LE):

- LE 1.1 Amenity Grassland
- LE 1.3 Species Rich Grassland
- LE 1.4 Rock and Scree
- LE 1.6 Open Grassland
- LE 2.1 Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
- LE 2.5 Shrubs with Intermittent Trees
- LE 2.6 Shrubs
- LE 3.1 Amenity Tree and Shrub Planting
- LE 3.2 Ornamental Shrubs
- LE 4.3 Native Species Hedgerows
- LE 4.4 Native Hedgerows with Trees
- LE 5.1 Individual Trees
- LE 6.3 Reed Beds
- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

3. DRAWINGS TO BE READ IN CONJUNCTION WITH 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	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

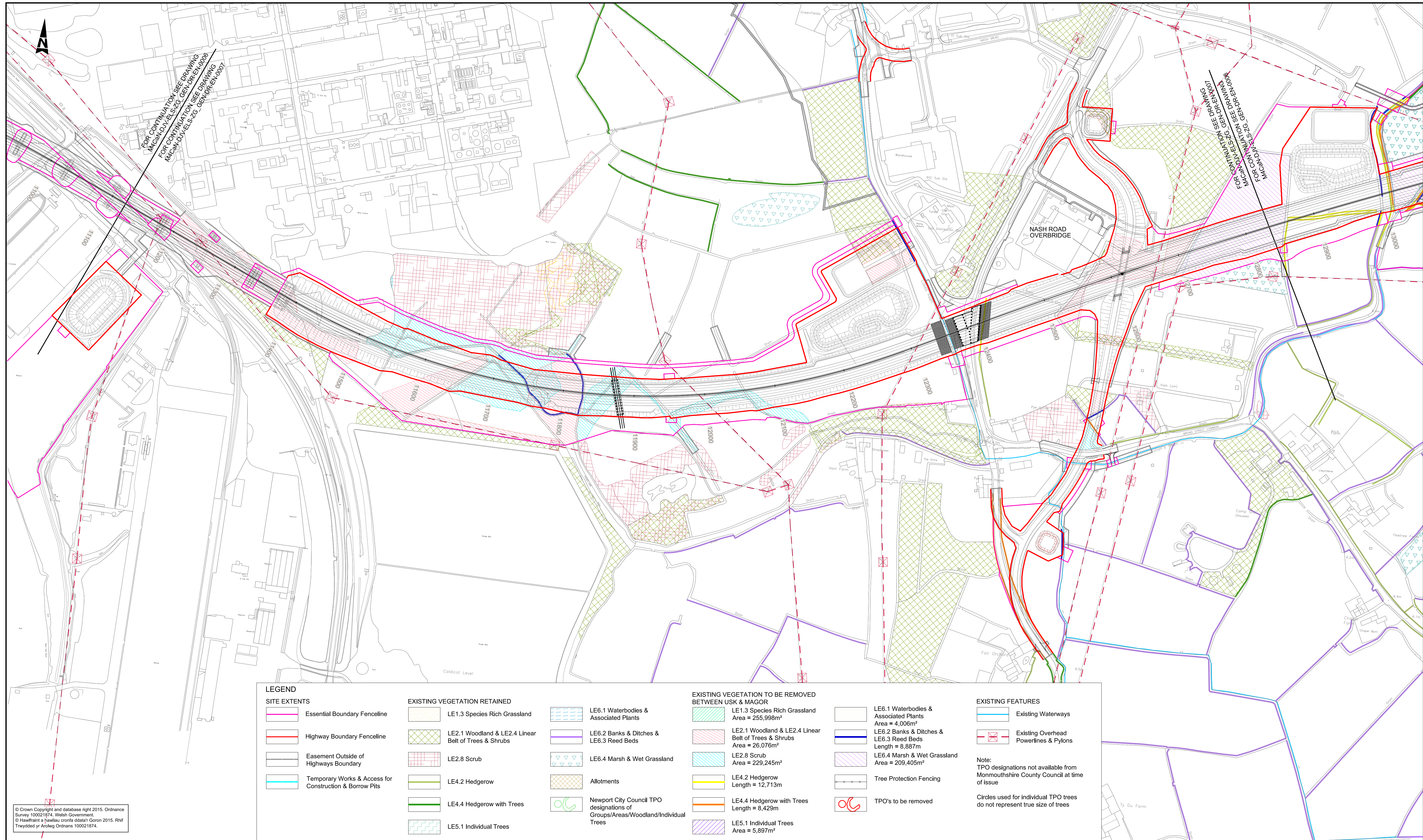
Drawing Status	Suitability	Project Title
Project Team		M4 CORRIDOR AROUND NEWPORT
Client		



Drawing Title					
FIGURE SR9.21 EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 6 OF 16					
Scale	Designed / Drawn	Checked	Approved	Authorised	
1:2500	ERM	NJR	PAI	BCS	
Original Size	Date	Date	Date	Date	
A1	29/11/16	02/12/16	02/12/16	02/12/16	
Drawing Number	Project	Originator	Volume	Revision	
		M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0022		ISSUE 3	
Location	Type	Role	Number		

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

- 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

© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawflaith a hawliau corffo ddiolaf Goron 2015. Rhif Trwydded yr Arloeg Ordians 100021874.

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

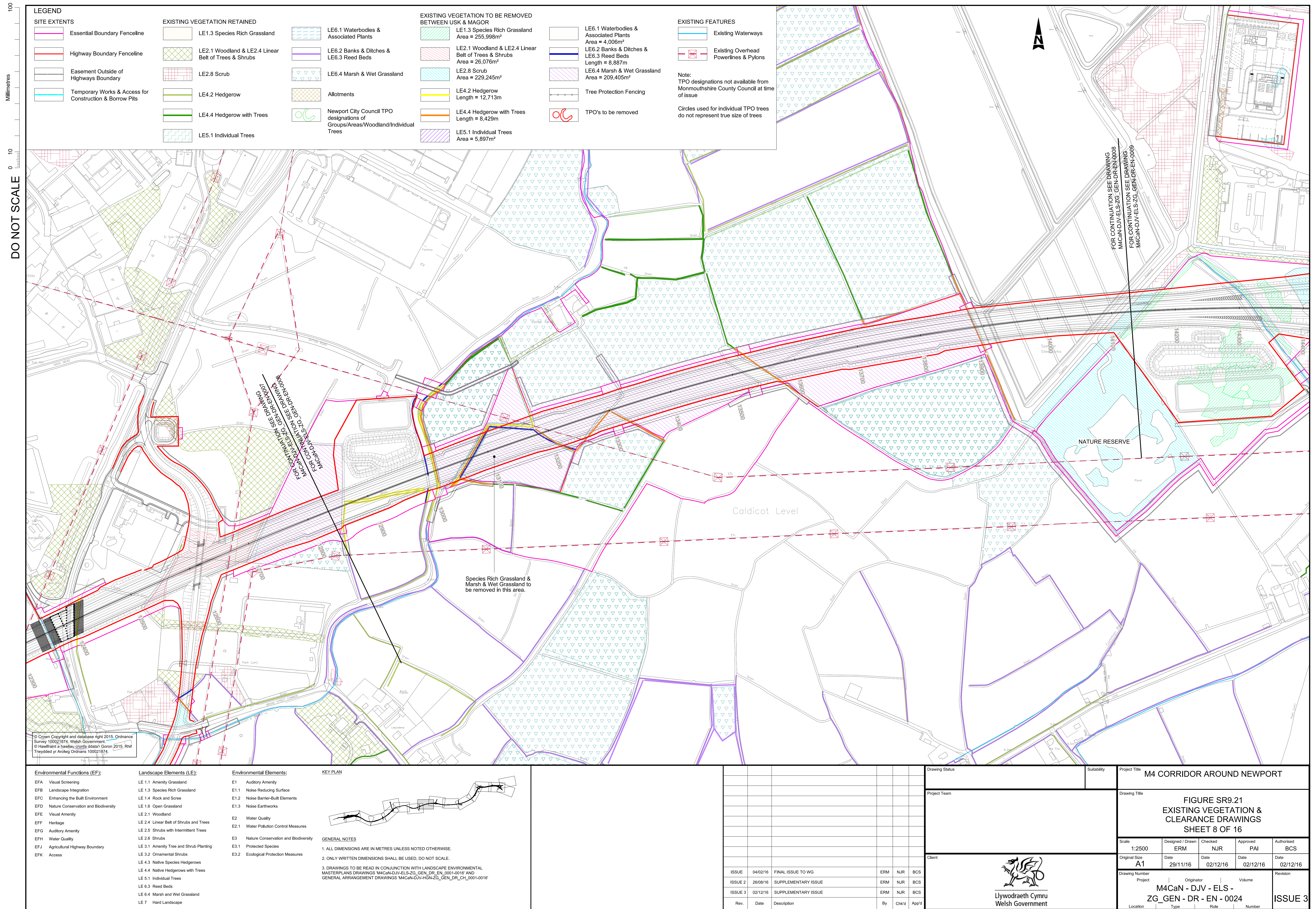
KEY PLAN

GENERAL NOTES

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

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
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

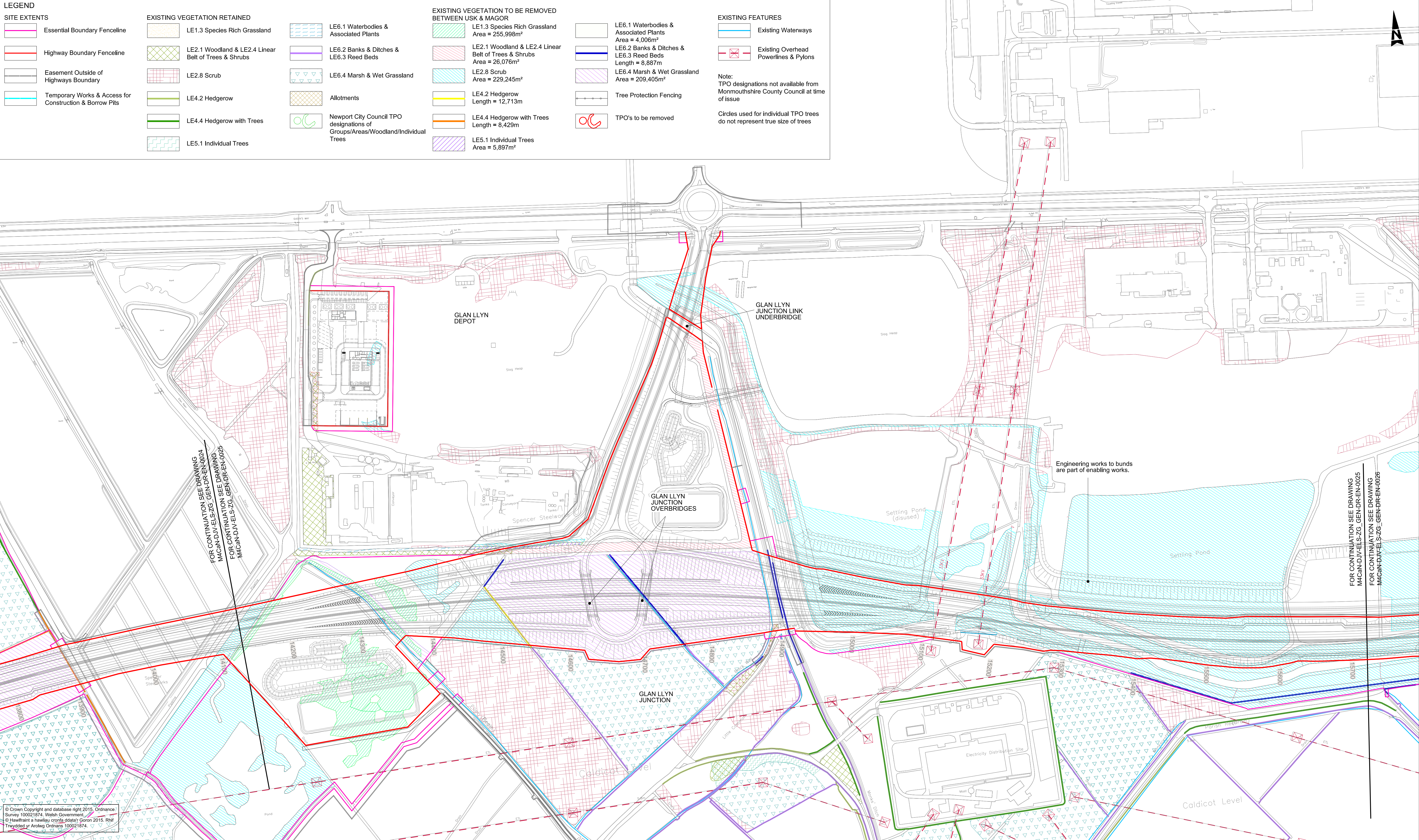
- LE1.3 Species Rich Grassland Area = 255,998m²
- LE2.1 Woodland & LE2.4 Linear Belt of Trees & Shrubs Area = 26,076m²
- LE2.8 Scrub Area = 229,245m²
- LE4.2 Hedgerow Length = 12,713m
- LE4.4 Hedgerow with Trees Length = 8,429m
- LE5.1 Individual Trees Area = 5,897m²

- 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



© Crown Copyright and database right 2015, Ordnance Survey 100021874, Welsh Government
© Hawffraint a hawliau corfforaidd Goron 2015, RNI
Trwydded yr Arrolwg Ordnans 100021874.

Environmental Functions (EF):

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

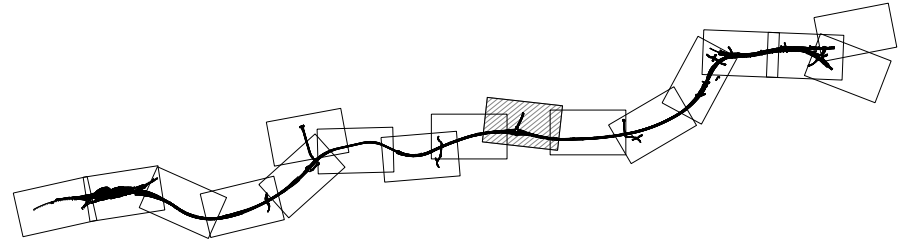
Landscape Elements (LE):

- LE 1.1 Amenity Grassland
- LE 1.3 Species Rich Grassland
- LE 1.4 Rock and Scree
- LE 1.6 Open Grassland
- LE 2.1 Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
- LE 2.5 Shrubs with Intermittent Trees
- LE 2.6 Shrubs
- LE 3.1 Amenity Tree and Shrub Planting
- LE 3.2 Ornamental Shrubs
- LE 4.3 Native Species Hedgerows
- LE 4.4 Native Hedgerows with Trees
- LE 5.1 Individual Trees
- LE 6.3 Reed Beds
- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

- 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'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status	Suitability	Project Title
Project Team		M4 CORRIDOR AROUND NEWPORT
Client		FIGURE SR9.21 EXISTING VEGETATION & CLEARANCE DRAWINGS SHEET 9 OF 16
Scale	Designed / Drawn	Checked
1:2500	ERM	NJR
Original Size	Date	Date
A1	29/11/16	02/12/16
Drawing Number	Originator	Volume
Project	M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0025	ISSUE 3
Location	Type	Role
		Number



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

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 FEATURES

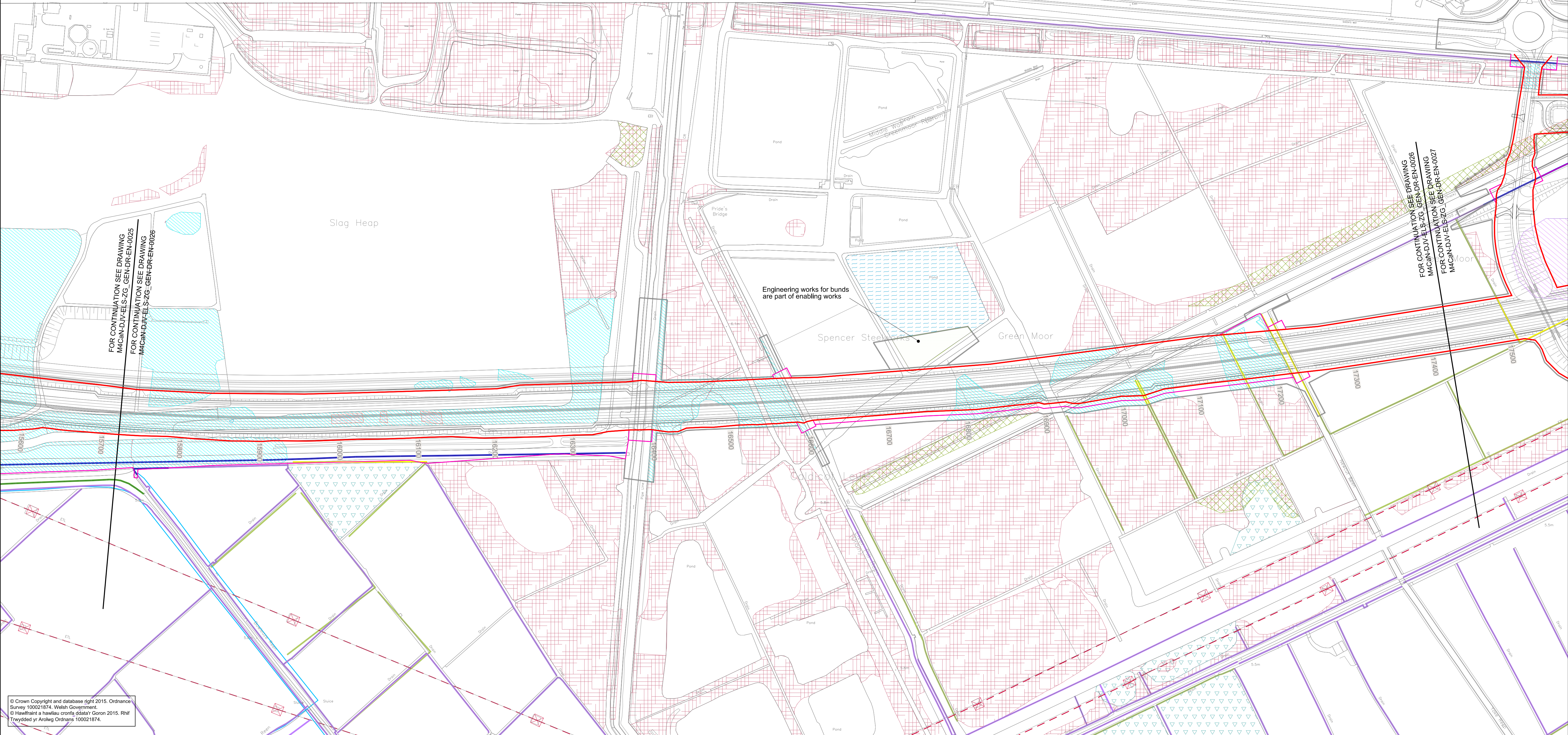
LE6.1 Waterbodies & Associated Plants Area = 4,006m²

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



© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawflaith a hawliau corfforaidd Goron 2015. Rhif Tŷwydded yr Arrolwg Ordnans 100021874.

Environmental Functions (EF):

EFA Visual Screening

EFB Landscape Integration

EFC Enhancing the Built Environment

EFD Nature Conservation and Biodiversity

EFE Visual Amenity

EFF Heritage

EFG Auditory Amenity

EFH Water Quality

EFJ Agricultural Highway Boundary

EFK Access

Landscape Elements (LE):

LE 1.1 Amenity Grassland

LE 1.3 Species Rich Grassland

LE 1.4 Rock and Scree

LE 1.6 Open Grassland

LE 2.1 Woodland

LE 2.4 Linear Belt of Shrubs and Trees

LE 2.5 Shrubs with Intermittent Trees

LE 2.6 Shrubs

LE 3.1 Amenity Tree and Shrub Planting

LE 3.2 Ornamental Shrubs

LE 4.3 Native Species Hedgerows

LE 4.4 Native Hedgerows with Trees

LE 5.1 Individual Trees

LE 6.3 Reed Beds

LE 6.4 Marsh and Wet Grassland

LE 7 Hard Landscape

Environmental Elements:

E1 Auditory Amenity

E1.1 Noise Reducing Surface

E1.2 Noise Barrier-Built Elements

E1.3 Noise Earthworks

E2 Water Quality

E2.1 Water Pollution Control Measures

E3 Nature Conservation and Biodiversity

E3.1 Protected Species

E3.2 Ecological Protection Measures

KEY PLAN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

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

3. DRAWINGS TO BE READ IN CONJUNCTION WITH 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

04/02/16

FINAL ISSUE TO WG

ERM

NJR

BCS

ISSUE 2

26/08/16

SUPPLEMENTARY ISSUE

ERM

NJR

BCS

ISSUE 3

02/12/16

SUPPLEMENTARY ISSUE

ERM

NJR

BCS

Rev.

Date

Description

By

Chk'd

App'd

Drawing Status

Suitability

Project Title

M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title

FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 10 OF 16

Client

Scale

1:2500

Designed / Drawn

ERM

Checked

NJR

Approved

PAI

Authorised

BCS

Original Size

A1

Date

29/11/16

Date

02/12/16

Date

02/12/16

Date

02/12/16

Drawing Number

Project

Originator

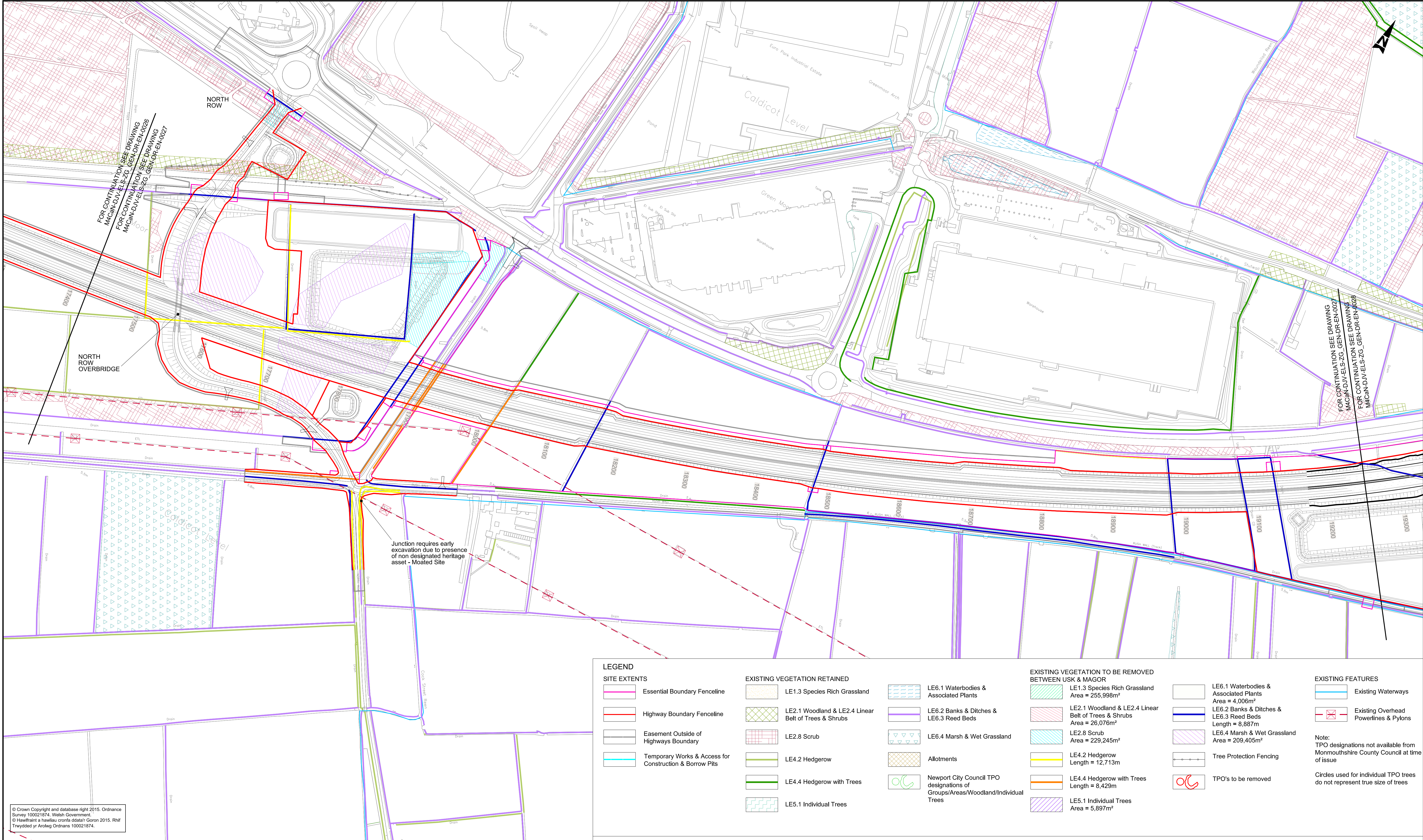
Volume

Revision

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

ISSUE 3

Llywodraeth Cymru
Welsh Government



© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawlfraint a hawliau corffo ddolir Goron 2015. Rhif Trwydded yr Arrolwg Ordians 100021874.

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
- Tree Protection Fencing
- TPO's to be removed

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 = 6,887m
- LE6.4 Marsh & Wet Grassland Area = 209,405m²

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	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status

Project Team

Client

Llywodraeth Cymru
Welsh Government

Subsidiary

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 11 OF 16

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

Original Size	Date	Date	Date	Date
A1	29/11/16	02/12/16	02/12/16	02/12/16

Drawing Number	Project	Originator	Volume	Revision
		M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0027		ISSUE 3

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
- Newport City Council TPO designations of Groups/Areas/Woodland/Individual Trees

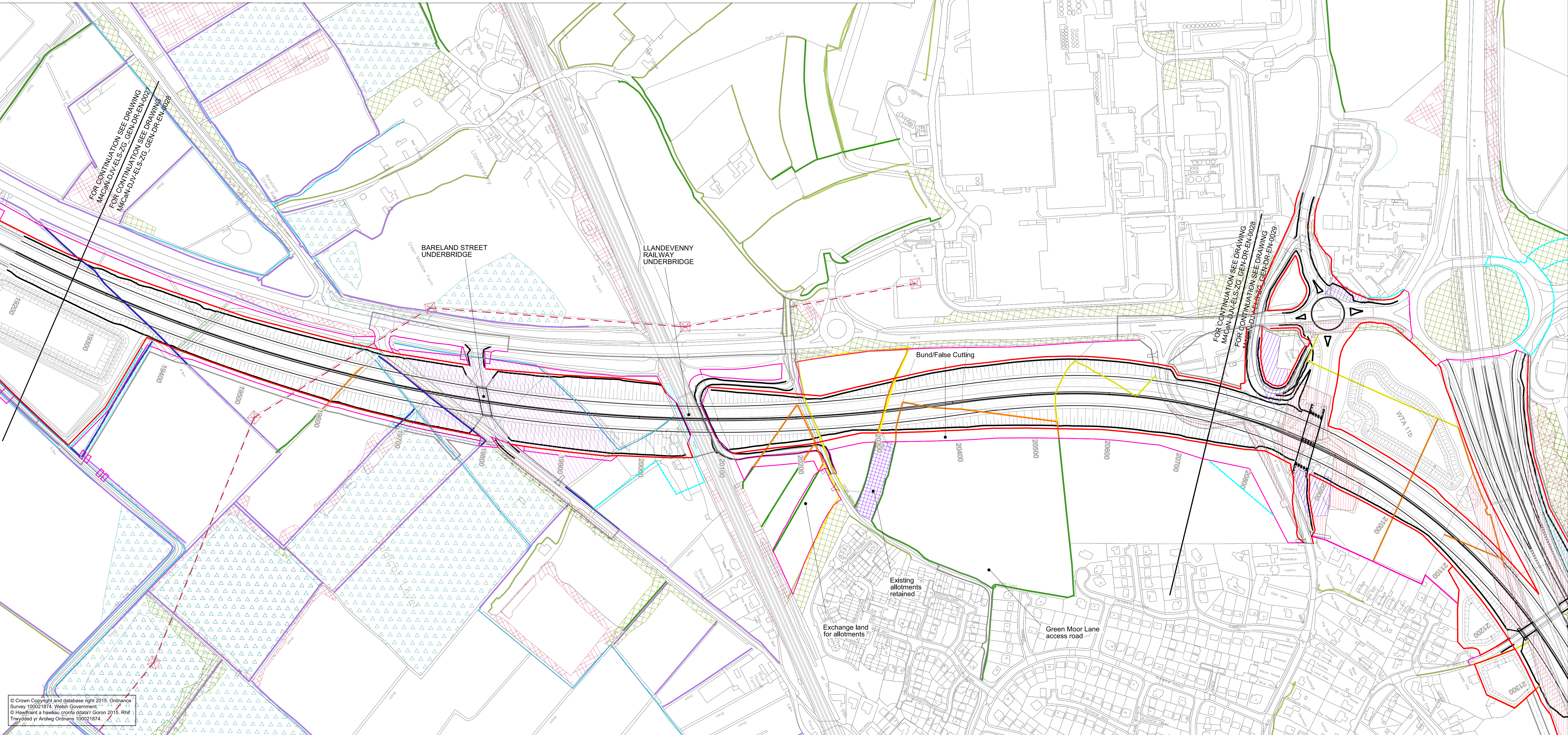
EXISTING VEGETATION TO BE REMOVED BETWEEN USK & MAGOR

- 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



© Crown Copyright and database right 2015, Ordnance Survey 100021874. Welsh Government.
© Hysfwrdd a hawliau cronfa ddiatry Goron 2015. Rhif Trywydd yd yr Arolwg Ordnans 100021874.

Environmental Functions (EF):

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

Landscape Elements (LE):

- LE 1.1 Amenity Grassland
- LE 1.3 Species Rich Grassland
- LE 1.4 Rock and Scree
- LE 1.6 Open Grassland
- LE 2.1 Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
- LE 2.5 Shrubs with Intermittent Trees
- LE 2.6 Shrubs
- LE 3.1 Amenity Tree and Shrub Planting
- LE 3.2 Ornamental Shrubs
- LE 4.3 Native Species Hedgerows
- LE 4.4 Native Hedgerows with Trees
- LE 5.1 Individual Trees
- LE 6.3 Reed Beds
- LE 6.4 Marsh and Wet Grassland
- LE 7 Hard Landscape

Environmental Elements:

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

KEY PLAN

GENERAL NOTES

- 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_CH_0001-0016'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status

Project Team

Client

Drawing Title

FIGURE SR9.21
EXISTING VEGETATION &
CLEARANCE DRAWINGS
SHEET 12 OF 16

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

Original Size	Date	Date	Date	Date
A1	29/11/16	02/12/16	02/12/16	02/12/16

Drawing Number	Project	Originator	Volume	Revision
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0028				ISSUE 3

DO NOT SCALE

Millimetres

0 10

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

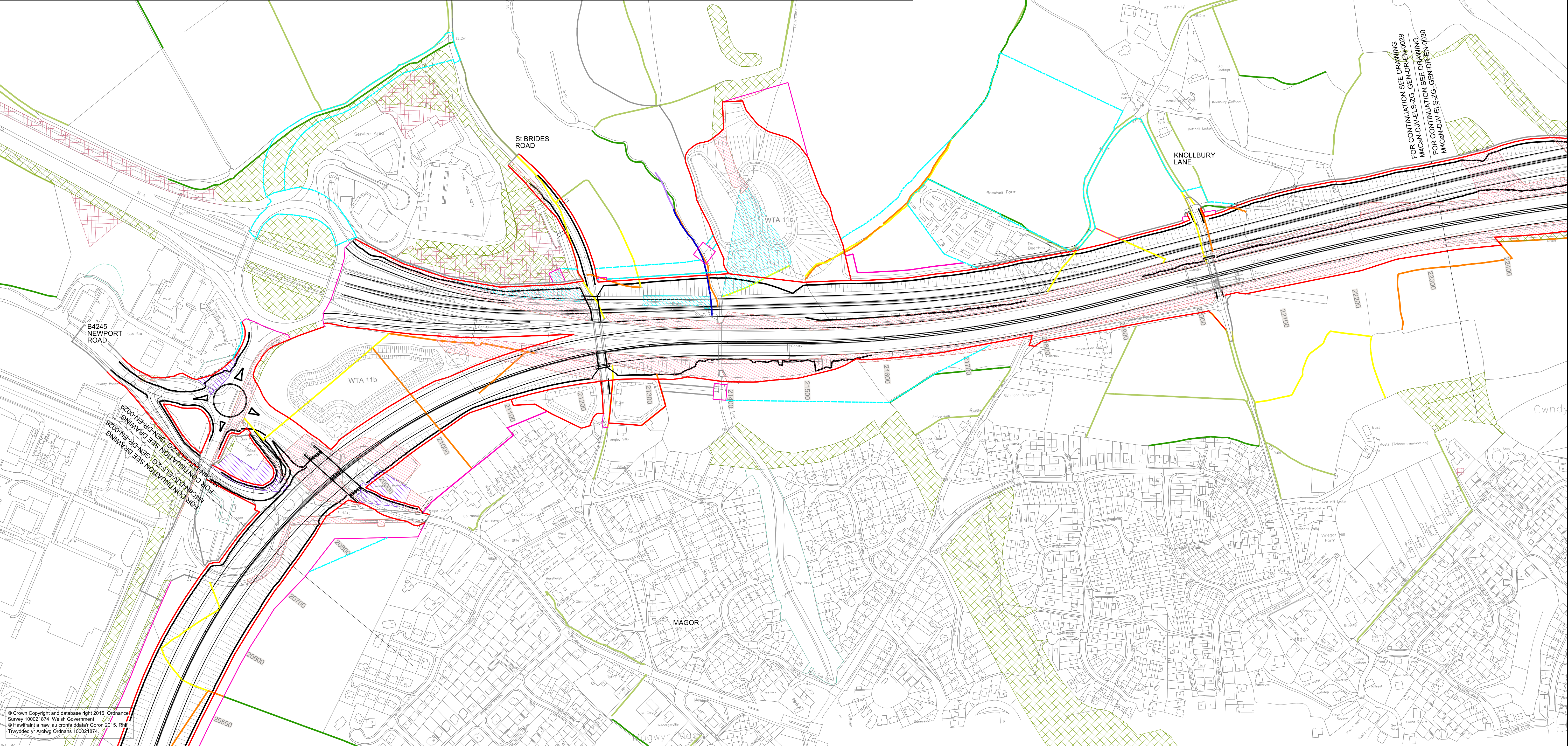
Circles used for individual TPO trees do not represent true size of trees

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

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'

Rev.	Date	Description	By	Chk'd	App'd
ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status

Project Team

Client

M4 CORRIDOR AROUND NEWPORT

FIGURE SR9.21

EXISTING VEGETATION & CLEARANCE DRAWINGS

SHEET 13 OF 16

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

Original Size	Date	Date	Date	Date
A1	29/11/16	02/12/16	02/12/16	02/12/16

Drawing Number	Project	Originator	Volume	Revision
		M4cAn - DJV - ELS - ZG_GEN - DR - EN - 0029		ISSUE 3

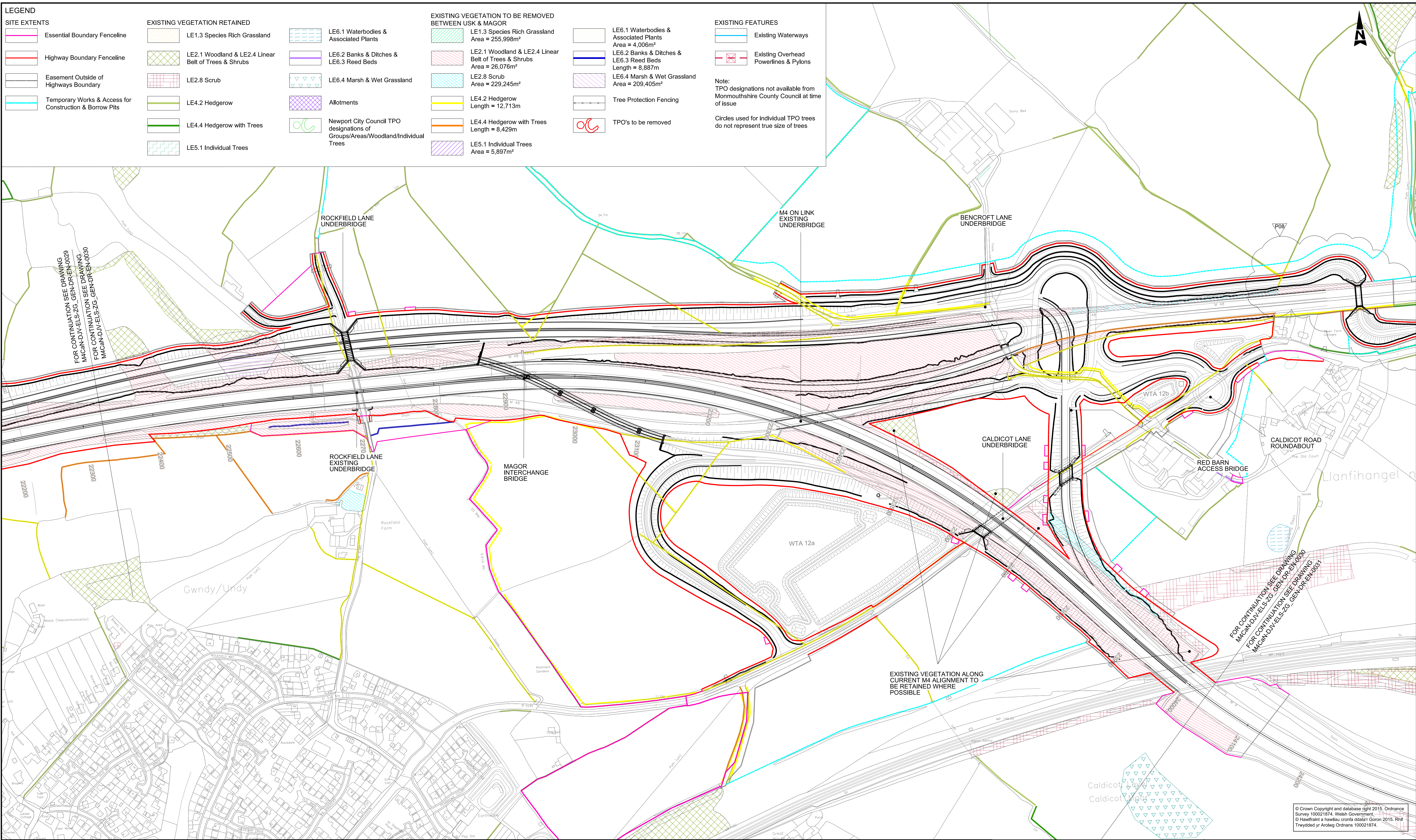
DO NOT SCALE

Millimetres

0

10

100



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_CH_0001-0016'

ISSUE	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
ISSUE 3	02/12/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status

Project Team

Client



Llywodraeth Cymru
Welsh Government

Scale		Designed / Drawn	Checked	Approved	Authorised
1:2500		ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date	Date
A1	29/11/16	02/12/16	02/12/16	02/12/16	02/12/16
Drawing Number	Project	Originator	Volume	Revision	
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0030		ISSUE 3			

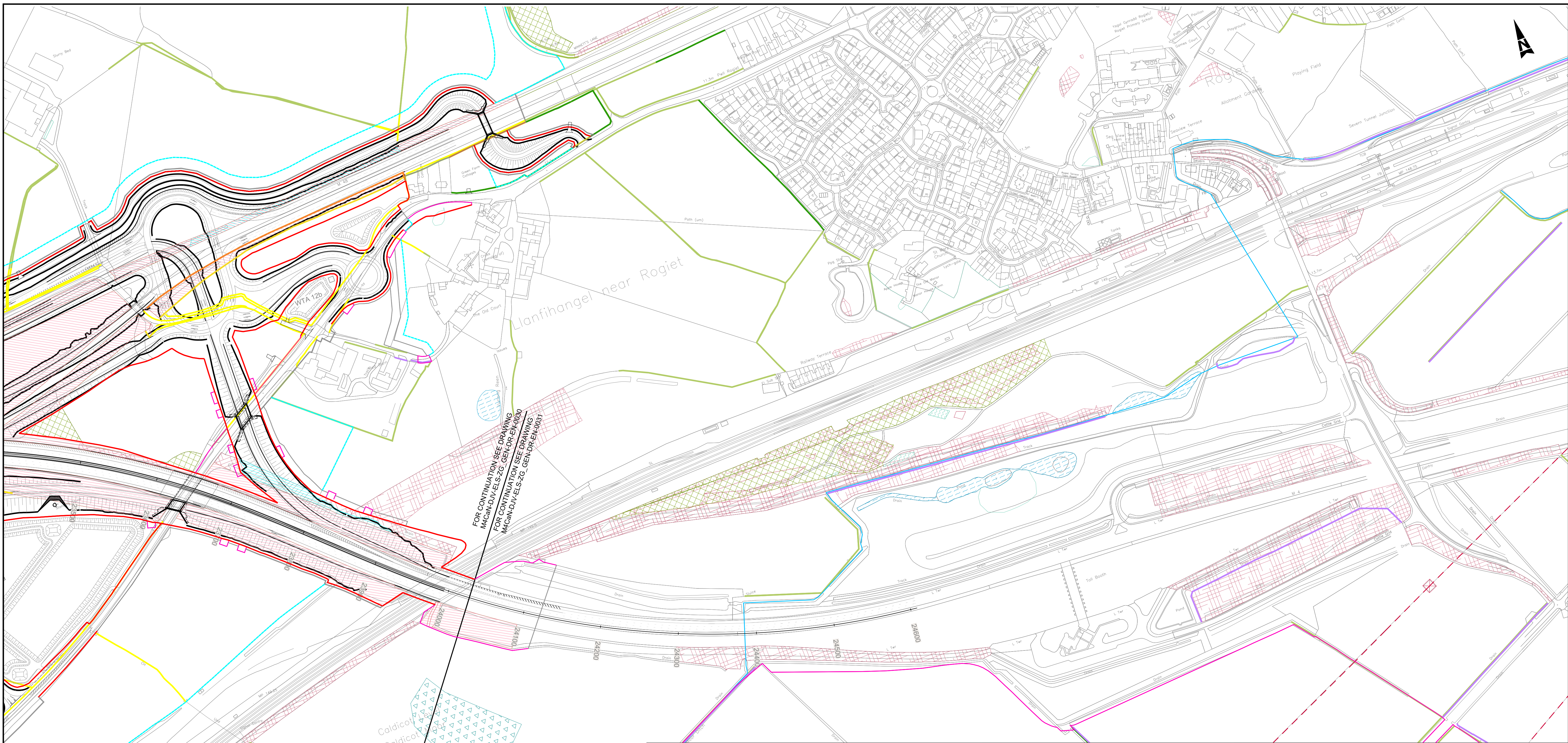
DO NOT SCALE

Millimetres

0

10

100



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

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

© Crown Copyright and database right 2015. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawlfraint corfforaidd Goron 2015. Rhir Trwydded yr Arolwg Ordnans 100021874.

Environmental Functions (EF):

EFA Visual Screening

EFB Landscape Integration

EFC Enhancing the Built Environment

EFD Nature Conservation and Biodiversity

EFE Visual Amenity

EFF Heritage

EFG Auditory Amenity

EFH Water Quality

EFJ Agricultural Highway Boundary

EFK Access

Landscape Elements (LE):

LE 1.1 Amenity Grassland

LE 1.3 Species Rich Grassland

LE 1.4 Rock and Scree

LE 1.6 Open Grassland

LE 2.1 Woodland

LE 2.4 Linear Belt of Shrubs and Trees

LE 2.5 Shrubs with Intermittent Trees

LE 2.6 Shrubs

LE 3.1 Amenity Tree and Shrub Planting

LE 3.2 Ornamental Shrubs

LE 4.3 Native Species Hedgerows

LE 4.4 Native Hedgerows with Trees

LE 5.1 Individual Trees

LE 6.3 Reed Beds

LE 6.4 Marsh and Wet Grassland

LE 7 Hard Landscape

Environmental Elements:

E1 Auditory Amenity

E1.1 Noise Reducing Surface

E1.2 Noise Barrier-Built Elements

E1.3 Noise Earthworks

E2 Water Quality

E2.1 Water Pollution Control Measures

E3 Nature Conservation and Biodiversity

E3.1 Protected Species

E3.2 Ecological Protection Measures

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

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

3. DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ENVIRONMENTAL MASTERPLANS DRAWINGS 'M4CaN-DJV-ELS-ZG_GEN-DR-EN-0016' AND GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN-DR-CH-0001-0016'

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 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

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

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_CH_0001-0016'

Drawing Status

Project Team

Client

Suitability

Llywodraeth Cymru
Welsh Government

Project Title

Figure Title

Scale

Original Size

Design / Drawn

Checked

Approved

Authorised

Issue

1:2500

A1

ERM

NJR

PAI

BCS

29/11/16

02/12/16

02/12/16

02/12/16

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

ISSUE 3