DO NOT SCALE

Millimetres 100 10 0

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

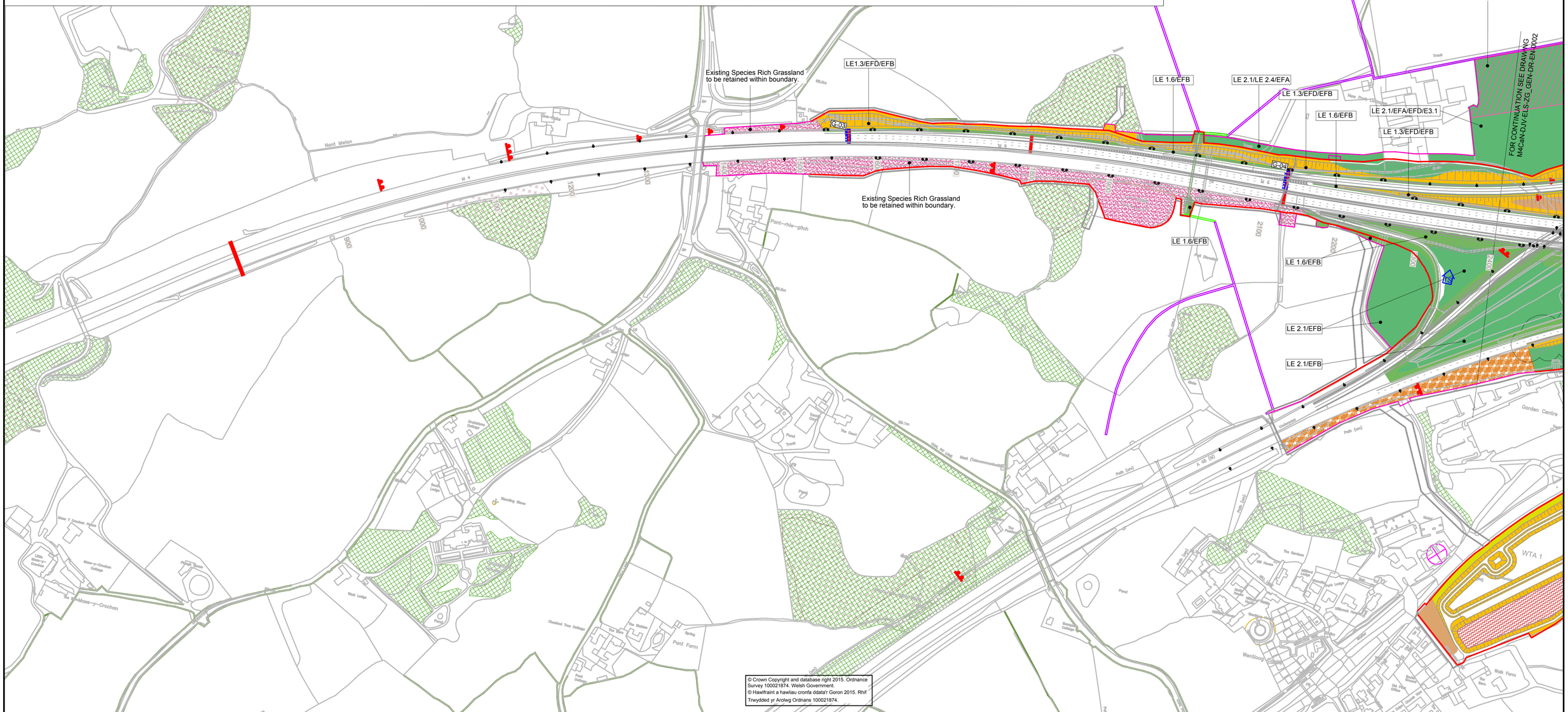
- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns


Existing Species Rich Grassland to be retained within boundary.
LE1.3/EFD/EFB
Existing Species Rich Grassland to be retained within boundary.
LE 1.6/EFB
LE 2.1/LE 2.4/EFA
LE 1.3/EFD/EFB
LE 1.6/EFB
LE 2.1/EFA/EFD/E3.1
LE 1.3/EFD/EFB
Mitigation for loss of Ancient Woodland and Dormouse Habitat
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG-GEN-DR-EN-0002
LE 1.6/EFB
LE 1.6/EFB
LE 2.1/EFB
LE 2.1/EFB
WTA 1
C-03
C-04
M 4
Nant Melon
Pant-rhiw-gôch
Pant Farm
Wentloog Castle
Garden Centre
Path (um)
Path (um)
Pond
Pond
Pond

DO NOT SCALE

Millimetres 100 10 0

Replacement Sett 1

Hatch denotes planting in abeyance for Borrow Pits and Stock Piles

Mitigation for loss of Ancient Woodland and Dormouse Habitat

LE2.5/EFB
LE2.1/EFA/EFD
LE 1.3/EFD
LE2.1/EFD/EFA
LE 1.3/EFD/EFB
LE 1.6/EFB
LE2.1/EFD/EFA
LE 1.3/EFD/EFB
LE 2.1/EFD/EFA
Mitigation for loss of Ancient Woodland and Dormouse Habitat
LE 1.6/EFB
LE 2.1/EFA/EFB
Mitigation for loss of Ancient Woodland and Dormouse Habitat
LE2.1/EFB
LE2.1/EFB
LE2.1/EFB
LE 2.1/EFA/EFD
LE 2.1/EFA/EFB
E3.2
E3.2
E3.2
E3.2
LE 1.3/EFD
LE 1.6/EFB
LE 1.6/EFB/EFE
LE 2.5/EFB
LE 2.1/EFA/EFB
LE 2.1/EFA/EFD
LE 2.6/EFA
LE 1.3/EFD/EFK
LE 1.3/EFD
LE 2.1/EFA/EFD
Hatch denotes areas to include larger nursery stock planting to aid early screening results
Mitigation for loss of Ancient Woodland and Dormouse Habitat
Hatch denotes areas to include larger nursery stock planting to aid early screening results
E2
E2.1
LE 6.3/EFH/EFD
LE 2.5/EFA

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0001
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0002
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0002
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0003

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LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
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- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal cross
- Ecological Mitigation
- Lighting Columns

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 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

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 2 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number: Project | Originator | Volume | Location | Type | Role | Number
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0002

Revision: ISSUE 2

DO NOT SCALE

Millimetres 100 10 0

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

LE2.1/EFD/EFA
Mitigation for loss of Ancient Woodland and Dormouse Habitat
AREA FOR RECREATION USE
FOR CONTINUATION SEE DRAWING M4CaN-ELS-HGN-ZG_GEN-DR-EN-0002
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0003
Hatch denotes areas to include larger nursery stock planting to aid early screening results
LE1.6/EFB
LE5.1/EFC/EFE
DUFFRYN LINK
LE3.1/EFC/EFE
LE2.1/EFA/EFD
COEDKERNEW
LE2.4/EFA
LE2.6/EFB
E3.2
WTA 2
E2
E2.1
LE1.3/EFD
LE1.3/EFD/EFK
LE6.3/EFH/EFD
n.b areas of mature vegetation around Parc Golf Club driving range boundary to be retained where possible
CHURCH LANE OVERBRIDGE
LE2.1/EFB/EFD
LE2.4/EFA/EFB
LE2.1/EFA/EFB
Bronze Age and Roman Settlement 500mm below ground within this area
LE2.4/EFB
LE2.4/EFB/EFA
LE1.3/EFD/EFK
LE6.3/EFH/EFD
LE2.6/EFB
PERCOED REEN NMU BRIDGE
WTA 4b
WTA 4d
P02
E1.2/EFG
E2.1

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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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3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

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

Drawing Status: | Suitability:

Project Team:

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 3 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size: A1	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16

Drawing Number: Project | Originator | Volume: M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0003
Location | Type | Role | Number

Revision: ISSUE 2

DO NOT SCALE

Millimetres 0 10 100

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

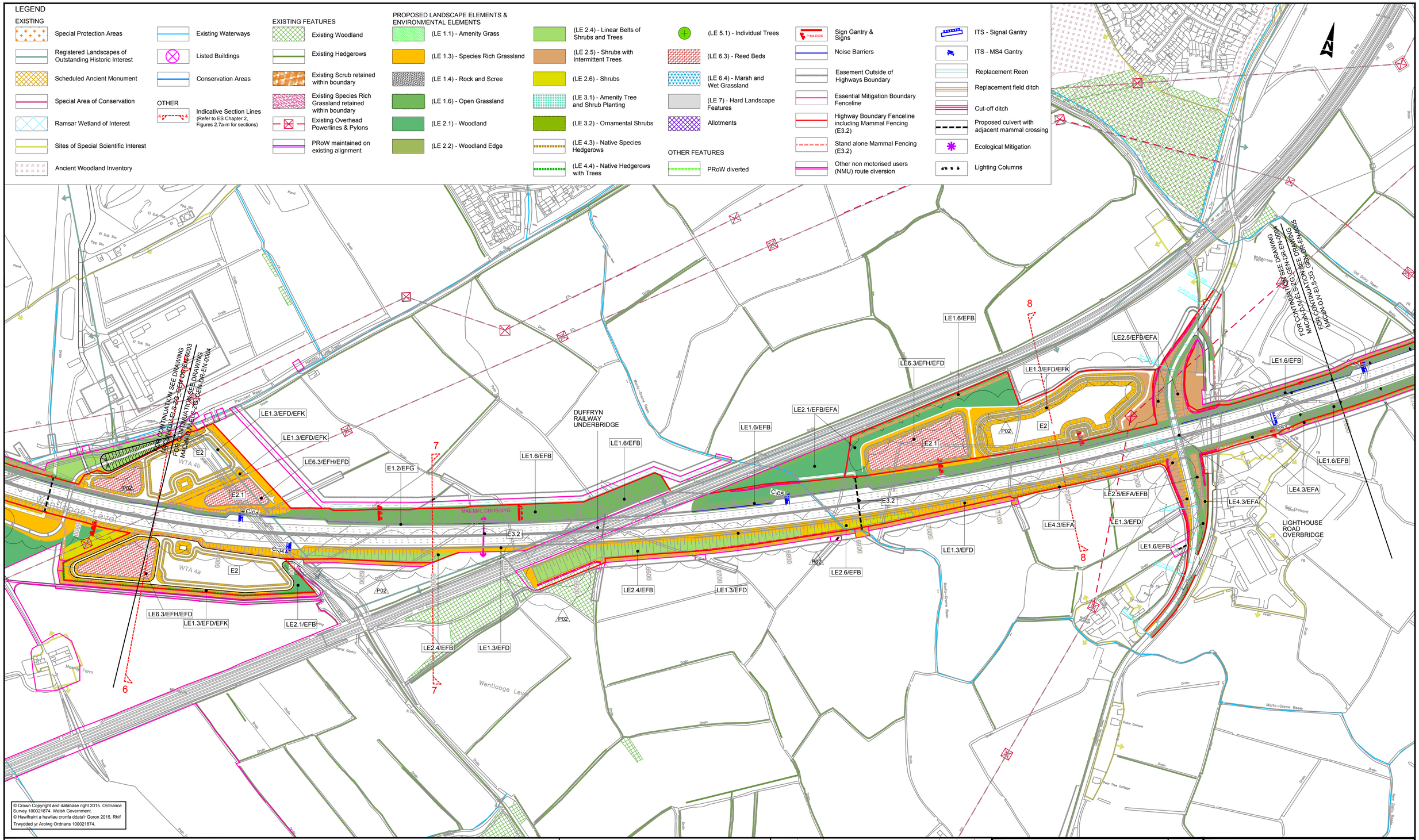
- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
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- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns



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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
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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

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
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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

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 4 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number: Project | Originator | Volume | Location | Type | Role | Number
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0004

Revision: ISSUE 2

DO NOT SCALE

Millimetres 100 10 0

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

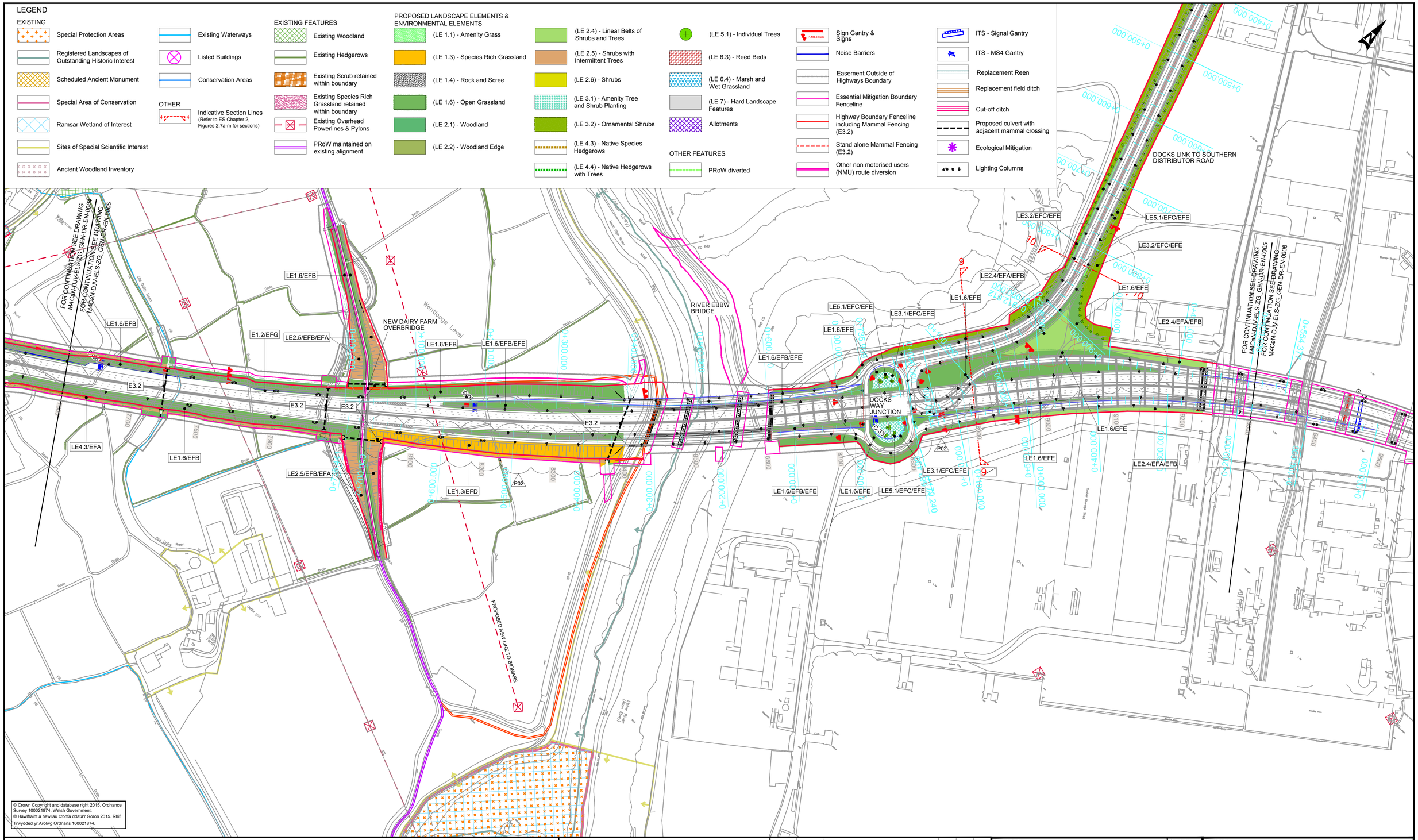
- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
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- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns



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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

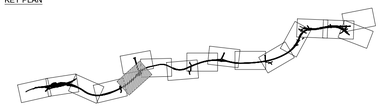
Landscape Elements (LE):

- 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	04/02/16	FINAL ISSUE TO WG	ERM	NJR	BCS
ISSUE 2	26/08/16	SUPPLEMENTARY ISSUE	ERM	NJR	BCS

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 5 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number
Project | Originator | Volume
M4CaN - DJV - ELS -
ZG_GEN - DR - EN - 0005
Location | Type | Role | Number

Revision
ISSUE 2

DO NOT SCALE

Millimetres 100 0 10

N

Newport Docks North Dock

NORTH DOCK

SOUTH DOCK

ALEXANDRA DOCKS

Caldicot Level

Stevenson Street Industrial Estate

WALES COAST PATH

River Usk (Afon Wysg)

RIVER USK CROSSING WESTERN TOWER

RIVER USK CROSSING MAIN SPAN

RIVER USK CROSSING EASTERN TOWER

G-01

G-02

G-03

G-04

G-05

G-06

G-07

G-08

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0008

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0008

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0007

Proposed Salt Marsh

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs (P-M4-D026)
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

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Environmental Functions (EF):

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

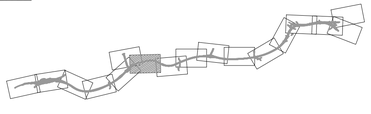
Landscape Elements (LE):

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

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_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

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 6 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size: A1	Date 04/02/16	Date 04/02/16	Date 04/02/16	Date 04/02/16

Drawing Number: Project | Originator | Volume: M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0006; Location | Type | Role | Number

Revision: ISSUE 2

DO NOT SCALE

Millimetres 100 0 10

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0008

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0007

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0005

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0009

E2

G-08

C-08

C-09

C-10

E3.2

P02

LE2.4/EFA/EFB

LE1.6/EFB

LE2.6/EFB

LE2.1/EFB

LE2.4/EFA

LE1.3/EFD

LE6.4/EFB/EFD

Proposed Salt Marsh

WALES COASTAL PATH DIVERSION

WALES COAST PATH

LE2.6/EFA

LE1.3/EFD/EFK

LE4.3/EFA

LE2.5/EFB

LE6.3/EFH/EFD

LE1.6/EFK

LE2.1/EFA

LE2.5/EFA/EFB

All woody vegetation limited to shrubs under overhead power lines

Mitigation planting by agreement only

NASH ROAD OVERBRIDGE

NASH MEAD

WOOD STREET CHANNON

NORIA

Greenfields

Warehouse

Sub Sta

Pond

Drain

Path (um)

Comp Site (Disused)

Yewtree Farm

Chapel Farm

Chapel Barn

Fair Oreden

0+100.000

0+200.000

0+300.000

0+400.000

0+500.000

0+600.000

0+700.000

0+800.000

0+900.000

1+000.000

1+100.000

1+124.621

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

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Environmental Functions (EF):

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

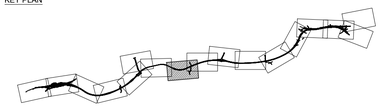
Landscape Elements (LE):

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

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_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

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 7 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size: A1	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16

Drawing Number: Project | Originator | Volume: M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0007; Location | Type | Role | Number

Revision: ISSUE 2

DO NOT SCALE

Millimetres 100 0 10

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
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- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs (P-M4-0026)
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

N

Replacement Sett 2

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0008

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0009

TATTON FARM MITIGATION AREA

Mitigation planting by agreement only

LE6.4/EFB/EFD

LE1.6/EFB/EFE

LE2.1/EFA

LE2.4/EFA

LE1.3/EFB/EFD

LE6.3/EFH/EFD

LE1.3/EFB/EFK

LE1.3/EFD

LE6.3/EFB

E2.1

E2

E3.2

C-10

C-31

P02

Existing severed reed beds to be restored

NATURE RESERVE

Caldicot Level

MAMMAL CROSSING

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0007

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Environmental Functions (EF):

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

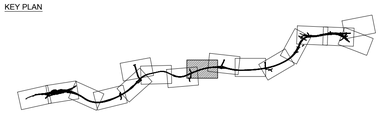
Landscape Elements (LE):

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

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

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

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 8 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number: Project | Originator | Volume
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0008
Location | Type | Role | Number

Revision: ISSUE 2

Millimetres 100 10 0

DO NOT SCALE

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs (P-M4-D026)
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

GLAN LLYN DEPOT

Replacement Sett 2

Replacement Sett 3

GLAN LLYN JUNCTION LINK UNDERBRIDGE

GLAN LLYN JUNCTION OVERBRIDGES

GLAN LLYN JUNCTION

Engineering works to bunds are part of enabling works.

Settling Pond

Settling Pond (disused)

Electricity Distribution Site

Caldicot Level

Parish Reen (Caldicot)

Elver (Caldicot)

Little Common Rhine

Monks Ditch

Hollowmoor Reen

MAMMAL CROSSING

LE3.2/EFE
LE1.6/EFE
LE5.1/EFE
E3.2
LE5.1/EFE
LE2.1/EFB/EFA
LE1.6/EFB
LE2.4/EFA
LE3.2/EFE
LE1.3/EFD/EFK
E2
E2.1
LE2.1/EFB/EFA
LE2.5/EFE
LE2.4/EFB
LE2.6/EFA
LE2.4/EFA
LE6.3/EFH/EFD
LE2.5/EFB
LE1.6/EFK
LE2.6/EFB
LE1.6/EFB
LE2.4/EFA
LE1.6/EFB
LE2.4/EFB
E3.2
LE1.6/EFB
LE2.6/EFB
LE6.4/EFB/EFD
LE1.6/EFB
LE2.4/EFB/EFA
LE2.6/EFB
LE1.3/EFD
LE1.3/EFD
LE2.6/EFB
LE1.3/EFD
LE1.3/EFD
LE6.3/EFH/EFD
LE1.3/EFD/EFK
LE1.3/EFD
LE1.6/EFB
LE2.6/EFB
LE1.3/EFD
LE1.3/EFD

P02

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0008

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0009

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0010

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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
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- LE 2.1 Woodland
- LE 2.4 Linear Belt of Shrubs and Trees
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- 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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Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 9 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size: A1	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16

Drawing Number: Project | Originator | Volume: M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0009
Location | Type | Role | Number

Revision: ISSUE 2

Millimetres 100 10 0

DO NOT SCALE

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

N

Slag Heap

Spencer Steelworks

Green Moor

Caldicot Level

Engineering works for bunds are part of enabling works

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0009

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0010

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0010

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0011

LE1.6/EFB

LE1.3/EFD

LE6.4/EFB/EFD

E3.2

15

C-12

C-29

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Environmental Functions (EF):

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

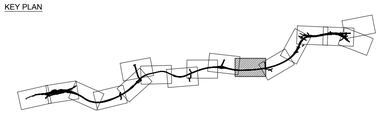
Landscape Elements (LE):

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

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

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

Drawing Status: | Suitability:

Project Team:

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title:

FIGURE R2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 10 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size: A1	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16	Date: 04/02/16

Drawing Number: Project | Originator | Volume | Location | Type | Role | Number

M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0010

Revision: ISSUE 2

Millimetres 100 10 0

DO NOT SCALE

NORTH ROW

NORTH ROW OVERBRIDGE

Junction requires early excavation due to presence of non designated heritage asset - Moated Site

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0010

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0011

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0012

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

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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
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- 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.
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3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

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

Drawing Status

Suitability

Project Team

Client

Llywodraeth Cymru
Welsh Government

Project Title
M4 CORRIDOR AROUND NEWPORT

Drawing Title
FIGURE R2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 11 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number

Project	Originator	Volume	Location	Type	Role	Number
M4CaN	DJV	ELS	ZG_GEN	DR	EN	0011

Revision
ISSUE 2

DO NOT SCALE

Millimetres 0 10 100

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

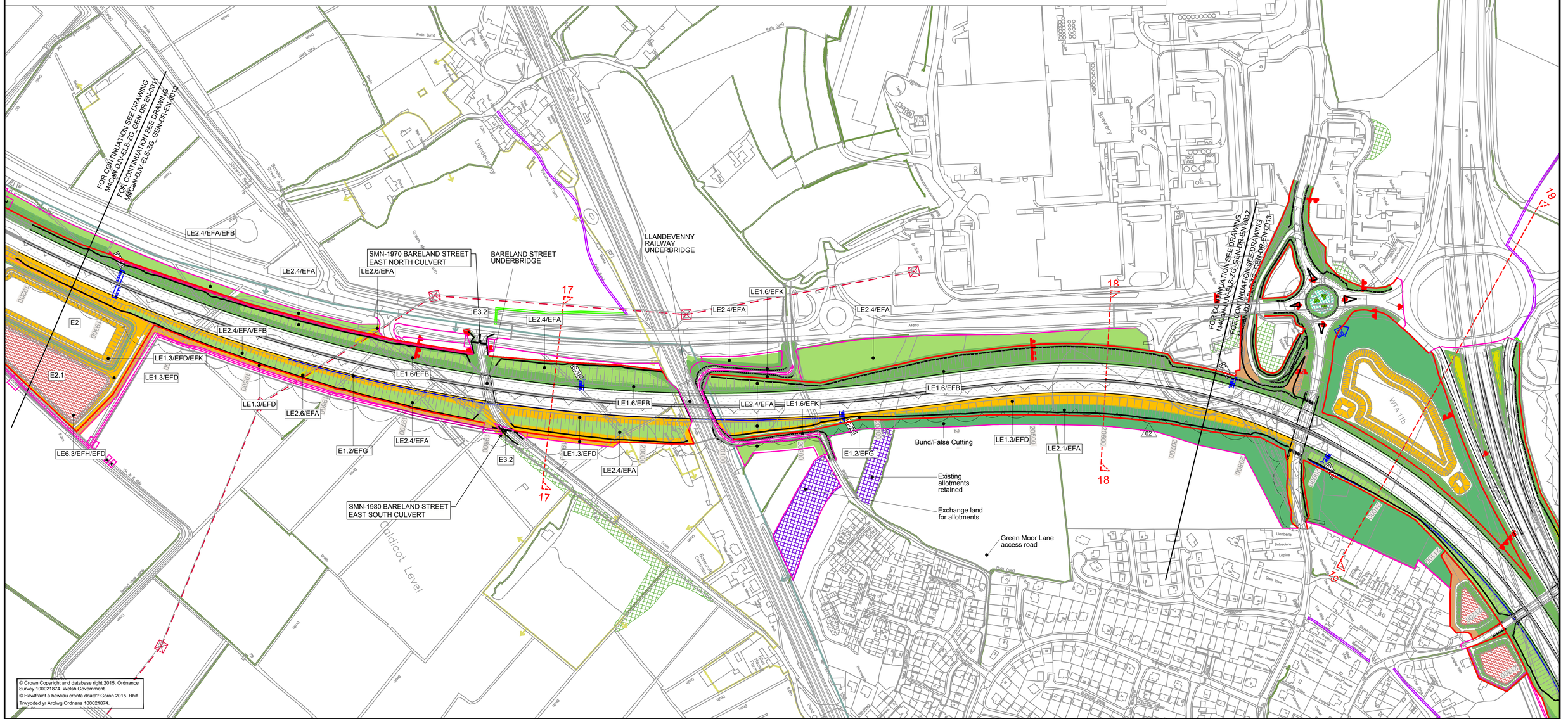
- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
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- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
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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 Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
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- Ecological Mitigation
- Lighting Columns



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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
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LE 1.6	Open Grassland
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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



GENERAL NOTES

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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

Drawing Status: Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 12 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	**Date**	**Date**	**Date**	**Date**
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number: Project | Originator | Volume | Location | Type | Role | Number
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0012

Revision: ISSUE 2

DO NOT SCALE

Millimetres 100 0 10

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

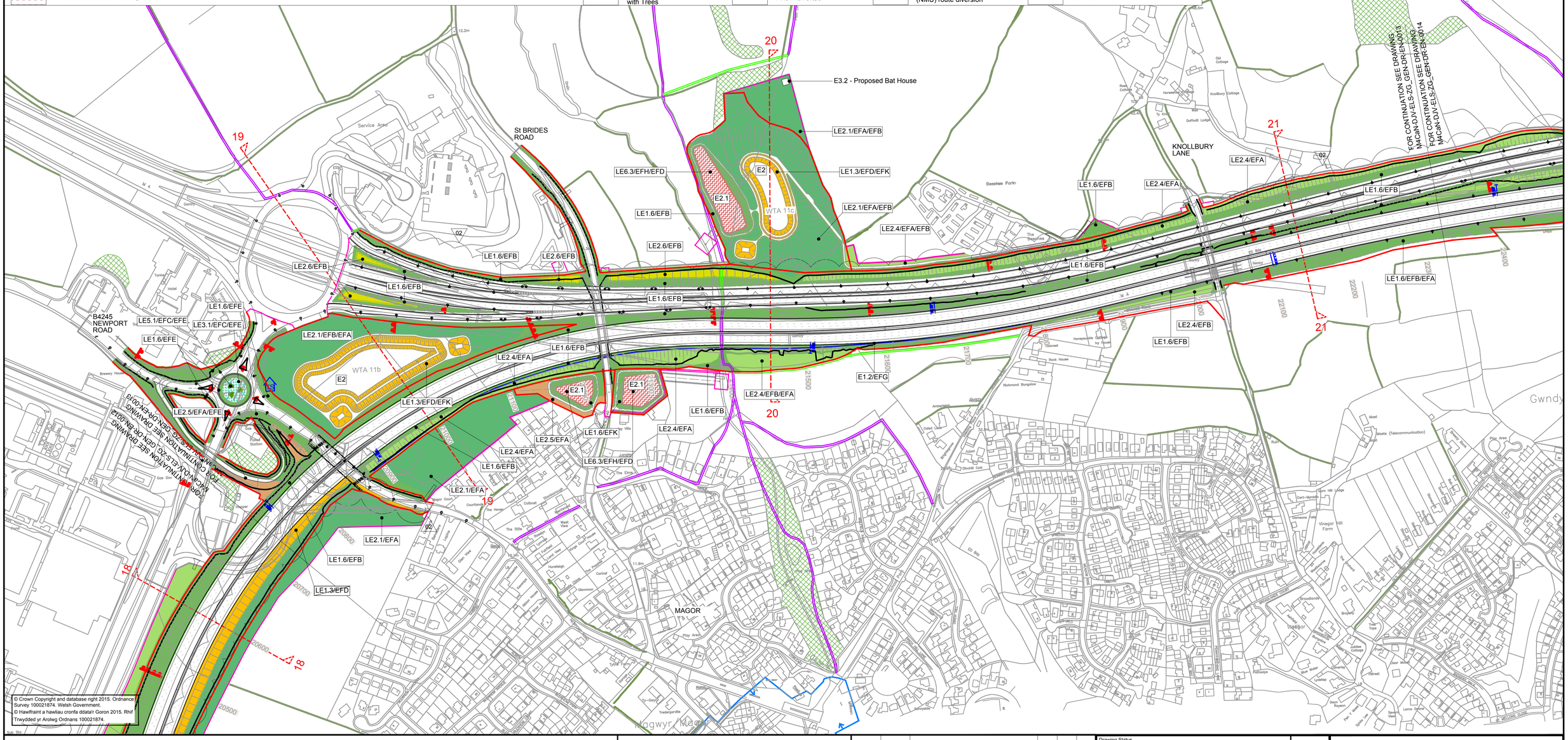
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- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs (P-M4-D026)
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
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- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns



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
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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
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KEY PLAN



GENERAL NOTES

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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

Drawing Status

Project Team

Client

Llywodraeth Cymru
Welsh Government

M4 CORRIDOR AROUND NEWPORT

Drawing Title

FIGURE R2.6
LANDSCAPE ENVIRONMENTAL MASTERPLAN
SHEET 13 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number

Project	Originator	Volume	Revision
M4CaN - DJV - ELS - ZG_GEN - DR - EN - 0013			ISSUE 2
Location	Type	Role	Number

DO NOT SCALE

Millimetres 0 10 100

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
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- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
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PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

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- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs (P-M4-D026)
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
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- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

N

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0013

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0014

FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0015

ROCKFIELD LANE UNDERBRIDGE

ROCKFIELD LANE EXISTING UNDERBRIDGE

MAGOR INTERCHANGE BRIDGE

M4 ON LINK EXISTING UNDERBRIDGE

BENCROFT LANE

RED BARN ACCESS BRIDGE

CALDICOT ROAD ROUNDABOUT

CALDICOT LANE UNDERBRIDGE

MAINLINE RAILWAY

EXISTING VEGETATION ALONG CURRENT M4 ALIGNMENT TO BE RETAINED WHERE POSSIBLE

Area is contained within Registered Landscapes of Outstanding Historic Interest

Gwndy/Undy

Llanfihangel

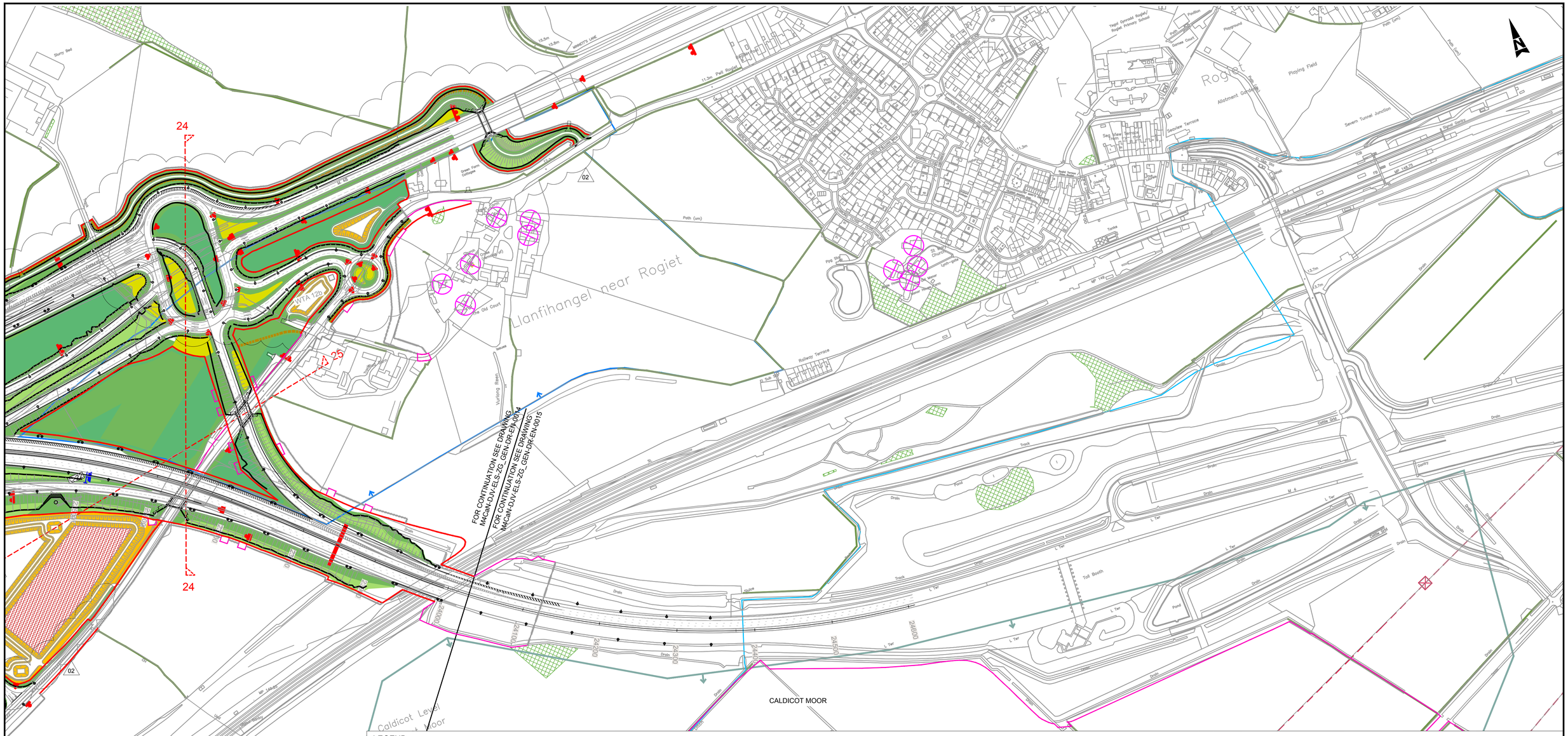
Caldicot Level

Caldicot Moor

LE2.1/EFA · LE2.4/EFA · LE1.6/EFB · LE2.4/EFA/EFB · LE2.1/EFA/EFB · LE2.1/EFD/EFA · LE2.1/EFB · LE2.4/EFA/EFB · LE1.6/EFF · LE1.3/EFD/EFK · LE6.3/EFH/EFD · LE2.1 · E2 · WTA 12a · LE2.6/EFB/EFE · LE2.1/EFB/EFA · LE4.3/EFA · LE2.1/EFB/EFA/EFF · LE2.6/EFB/EFE/EFF · LE4.3/EFA · LE1.3/EFD/EFK · LE2.6/EFB/EFE/EFF · LE2.1/EFA/EFB/EFF · LE2.4/EFA/EFB/EFF · LE2.4/EFA/EFB · LE2.4/EFA/EFB · LE2.4/EFA/EFB

DO NOT SCALE

Millimetres 0 10 100


Llanfihangel near Rogiet
CALDICOT MOOR
Caldicot Level
Rogiet
Severn Tunnel Junction
Railway Terrace
Toll Booth
Ploying Field
Playground
Pond
Track
Drain
Ditch
Gantry
Path (um)
Path (um)
Path (um)

DO NOT SCALE

Millimetres 100 10 0

LEGEND

EXISTING

- Special Protection Areas
- Registered Landscapes of Outstanding Historic Interest
- Scheduled Ancient Monument
- Special Area of Conservation
- Ramsar Wetland of Interest
- Sites of Special Scientific Interest
- Ancient Woodland Inventory
- Existing Waterways
- Listed Buildings
- Conservation Areas

OTHER

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

EXISTING FEATURES

- Existing Woodland
- Existing Hedgerows
- Existing Scrub retained within boundary
- Existing Species Rich Grassland retained within boundary
- Existing Overhead Powerlines & Pylons
- PRoW maintained on existing alignment

PROPOSED LANDSCAPE ELEMENTS & ENVIRONMENTAL ELEMENTS

- (LE 1.1) - Amenity Grass
- (LE 1.3) - Species Rich Grassland
- (LE 1.4) - Rock and Scree
- (LE 1.6) - Open Grassland
- (LE 2.1) - Woodland
- (LE 2.2) - Woodland Edge
- (LE 2.4) - Linear Belts of Shrubs and Trees
- (LE 2.5) - Shrubs with Intermittent Trees
- (LE 2.6) - Shrubs
- (LE 3.1) - Amenity Tree and Shrub Planting
- (LE 3.2) - Ornamental Shrubs
- (LE 4.3) - Native Species Hedgerows
- (LE 4.4) - Native Hedgerows with Trees
- (LE 5.1) - Individual Trees
- (LE 6.3) - Reed Beds
- (LE 6.4) - Marsh and Wet Grassland
- (LE 7) - Hard Landscape Features
- Allotments

OTHER FEATURES

- PRoW diverted
- Sign Gantry & Signs
- Noise Barriers
- Easement Outside of Highways Boundary
- Essential Mitigation Boundary Fenceline
- Highway Boundary Fenceline including Mammal Fencing (E3.2)
- Stand alone Mammal Fencing (E3.2)
- Other non motorised users (NMU) route diversion
- ITS - Signal Gantry
- ITS - MS4 Gantry
- Replacement Reen
- Replacement field ditch
- Cut-off ditch
- Proposed culvert with adjacent mammal crossing
- Ecological Mitigation
- Lighting Columns

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

SOUTHERN DISTRIBUTOR ROAD
LE1.1/EFE
E3.2
LE5.1/EFC/EFE
LE3.2/EFC/EFE
LE3.2/EFC/EFE
LANDFILL
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0016
FOR CONTINUATION SEE DRAWING M4CaN-DJV-ELS-ZG_GEN-DR-EN-0006
Proposed retaining wall
10
10
02
Wentlooge Level
Ebbw River (Afon Ebwy)
Refuse Tip
Pond
Mon Gwent Rhine Ditch
Tredegar Pill
MLW
Hepstone Workshop
Old Hepstone Reach
River Usk (Afon Hafren)
Newport Docks North Dock
Gibbet Level
Tower Yard
Dock Road
Queensway
9400
9500
9600
9700
9800
9900
10000

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Environmental Functions (EF):

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

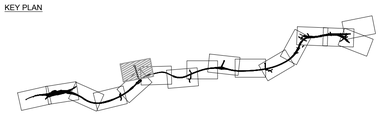
Landscape Elements (LE):

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

Environmental Elements:

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

KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS 'M4CaN-DJV-HGN-ZG_GEN_DR_CH_0001-0016'

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

Drawing Status | Suitability

Project Team

Client: Llywodraeth Cymru Welsh Government

Project Title: M4 CORRIDOR AROUND NEWPORT

Drawing Title: FIGURE R2.6 LANDSCAPE ENVIRONMENTAL MASTERPLAN SHEET 16 OF 16

Scale	Designed / Drawn	Checked	Approved	Authorised
1:2500	ERM	NJR	PAI	BCS
Original Size	Date	Date	Date	Date
A1	04/02/16	04/02/16	04/02/16	04/02/16

Drawing Number: Project | Originator | Volume | Location | Type | Role | Number
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