Tyddyn Hen

Bethel Road

Water Treatment Works

Parciau Solar Farm

Caerlan Tibot Scheduled Ancient Monument (CN400)

EFB/EFD LE 2.1
Woodland planting to link into existing vegetation and habitat connectivity

EFA/EFD LE 4.3
Planing native species hedge for landscape and habitat connectivity

EFA/EFB LE 2.1
Woodland planting to link into existing vegetation and provide visual screening

EFD E 3.2
Otter fencing

EFD E 3.1
Wildlifepass
Dry pipe

S116A
0.6m Pipe

S116
0.6m Pipe

S118A
0.6m Pipe

S115B
1.8m Pipe

EFD E 3.1
Culvert / Wildlifepass

EFD E 3.2
Otter fencing

EFA/EFB LE 2.1
Woodland planting to link into existing vegetation and provide visual screening

EFB/EFD LE 2.6
Woodland planting to link into existing vegetation and provide habitat connectivity

Offsite planting

Stone wall boundary

EFB/EFD LE 2.1
Woodland planting to link into existing vegetation and provide habitat connectivity

Category A Trees to be protected.

Crug

ENVIRONMENTAL FUNCTIONS
EFA - Visual Screening
EFB - Landscape Integration
EFC - Enhancing the Built Environment
EFD - Nature Conservation & Biodiversity
EFE - Visual Amenity
EFF - Heritage
EFG - Auditory Amenity
EFH - Water Quality

LANDSCAPE ELEMENTS
LE 1.0 Grassland
LE 1.1 - Amenity Grass Areas
LE 1.2 - Grassland with Bulbs
LE 1.3 - Species Rich (or Conservation) Grassland
LE 1.4 - Rock & Scree
LE 1.5 - Heath & Moorland
LE 1.6 - Open Grassland

LE 2.0 Native Planting
LE 2.1 - Woodland
LE 2.2 - Woodland Edge
LE 2.3 - High Forest
LE 2.4 - Linear Belts of Shrubs &Trees
LE 2.5 - Shrubs with Intermittent Trees
LE 2.6 - Shrubs
LE 2.7 - Scattered Trees
LE 2.8 - Scrub

LE 4.0 Hedges
LE 4.1 - Ornamental Species Hedgerow
LE 4.2 - Native Species Hedges
LE 4.3 - Native Species Hedgerows
LE 4.4 - Native Hedgerows with Trees

LE 5.0 Individual Trees
LE 5.1 - Individual Trees

LE 6.0 Wetland Habitats
LE 6.1 - Water Bodies & Associated Plants
LE 6.2 - Banks and Ditches
LE 6.3 - Reed Beds
LE 6.4 - Marsh & Wet Grassland

LE 7.0 Hard Landscape Features

AUDITORY AMENITY
E 1.1 - Noise Reducing Surface
E 1.2 - Noise Barrier Built Elements
E 1.3 - Noise Reducing Earthworks

WATER QUALITY
E 2.1 - Water Pollution Control Measures
E 2.2 - Surface Water Outfalls
E 2.3 - Soakaways

NATURE CONSERVATION
E 3.1 - Protected Species
E 3.2 - Ecological Protection Measures

E 4.1 - Injurious weeds
E 4.2 - Legisiated Pests

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NOTES (A1)

1. THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.

KEY:

- Highway Boundary
- On Embankment
- In Cutting
- Vehicle restraint system
- Attenuation Pond
- Post and wire stock proof fencing
- Otter fencing
- Existing Woodland
- Existing Hedgerow
- Native Woodland
- Native Woodland Edge Shrubs
- Retained existing vegetation to be within Welsh Government ownership
- Proposed Native Hedgerow
- Individual trees
- Areas of species rich grassland (EFB/EFD - LE1.3) excluding verges, roundabouts and visibility splays with highway/amenity grass.
- Area of rock with retained soils placed to encourage natural regeneration
- Category A Trees to be protected.
- Existing Public Right Of Way
- Existing National Cycle Network
- Diverted Public Right of Way
- Extinguished Public Right of Way
- Private Means Of Access
- Drainage ditch
- Highway signage | Lighting column
- Listed Building
- Scheduled Ancient Monument

Rev	Date	Description	By	Chk	App

FINAL

Arcadis | Llywodraeth Cymru Welsh Government | Ramboll | Balfour Beatty | Jones Bros Civil Engineering UK | WSP | Parsons Brinckerhoff | TACP

Ty Glyn, Canol Y Dre, Ruthin Denbighshire Tel: 01824 703661

Site/Project:

A487 CAERNARFON AND BONTNEWYDD BYPASS

Title:

ENVIRONMENTAL MASTER PLAN (a-i)

Drawn: EMK		Checked: PMcC	
Designed: ---		Approved: PMcC	
Date: 05/06/17	Scale: 1:1250	A1	Sheet: 8 of 9
Container Number:			Revision:

Figure 16.1h

P04

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