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|---|--|--|---|
| <b>ENVIRONMENTAL FUNCTIONS</b><br>EFA - Visual Screening<br>EFB - Landscape Integration<br>EFC - Enhancing the Built Environment<br>EFD - Nature Conservation & Biodiversity<br>EFE - Visual Amenity<br>EFF - Heritage<br>EFG - Auditory Amenity<br>EFH - Water Quality<br><br><b>LANDSCAPE ELEMENTS</b><br>LE 1.0 Grassland<br>LE 1.1 - Amenity Grass Areas<br>LE 1.2 - Grassland with Bulbs | LE 1.3 - Species Rich (or Conservation) Grassland<br>LE 1.4 - Rock & Scree<br>LE 1.5 - Heath & Moorland<br>LE 1.6 - Open Grassland<br><br>LE 2.0 Native Planting<br>LE 2.1 - Woodland<br>LE 2.2 - Woodland Edge<br>LE 2.3 - High Forest<br>LE 2.4 - Linear Belts of Shrubs & Trees<br>LE 2.5 - Shrubs with Intermittent Trees<br>LE 2.6 - Shrubs<br>LE 2.7 - Scattered Trees<br>LE 2.8 - Scrub | LE 4.0 Hedges<br>LE 4.1 - Ornamental Species Hedgerow<br>LE 4.2 - Native Species Hedges<br>LE 4.3 - Native Species Hedgerows<br>LE 4.4 - Native Hedgerows with Trees<br><br>LE 5.0 Individual Trees<br>LE 5.1 - Individual Trees<br><br>LE 6.0 Wetland Habitats<br>LE 6.1 - Water Bodies & Associated Plants<br>LE 6.2 - Banks and Ditches<br>LE 6.3 - Reed Beds<br>LE 6.4 - Marsh & Wet Grassland<br>LE 7.0 Hard Landscape Features | <b>AUDITORY AMENITY</b><br>E 1.1 - Noise Reducing Surface<br>E 1.2 - Noise Barrier Built Elements<br>E 1.3 - Noise Reducing Earthworks<br><br><b>WATER QUALITY</b><br>E 2.1 - Water Pollution Control Measures<br>E 2.2 - Surface Water Outfalls<br>E 2.3 - Soakaways<br><br><b>NATURE CONSERVATION</b><br>E 3.1 - Protected Species<br>E 3.2 - Ecological Protection Measures<br><br>E 4.1 - Injurious weeds<br>E 4.2 - Legislated Pests |
|---|--|--|---|

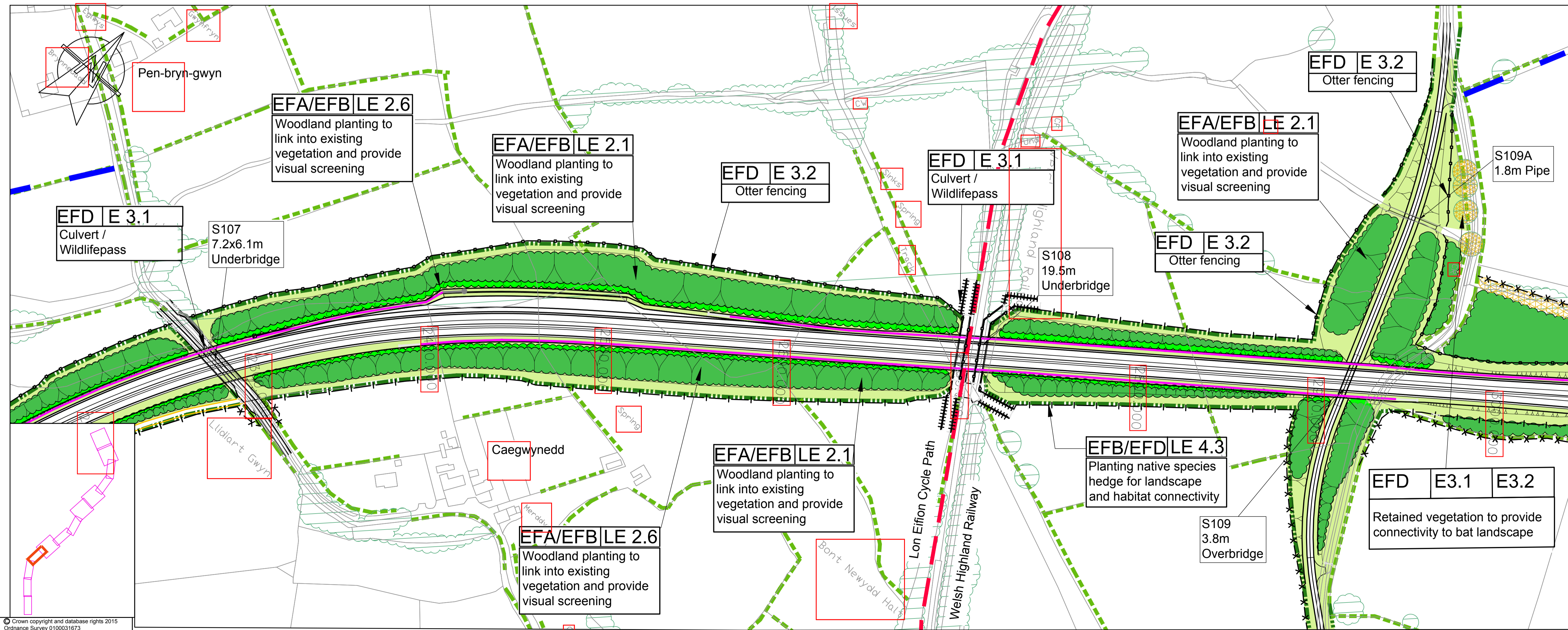
**NOTES**

- THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
- 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 - LE 1.3) 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 | Lywodraeth 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: 29/06/16    | Scale: 1:1250  |
| Container Number: | A1             |
| Figure 16.1b      | Sheet: 2 of 9  |
|                   | Revision:      |
|                   | P04            |

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