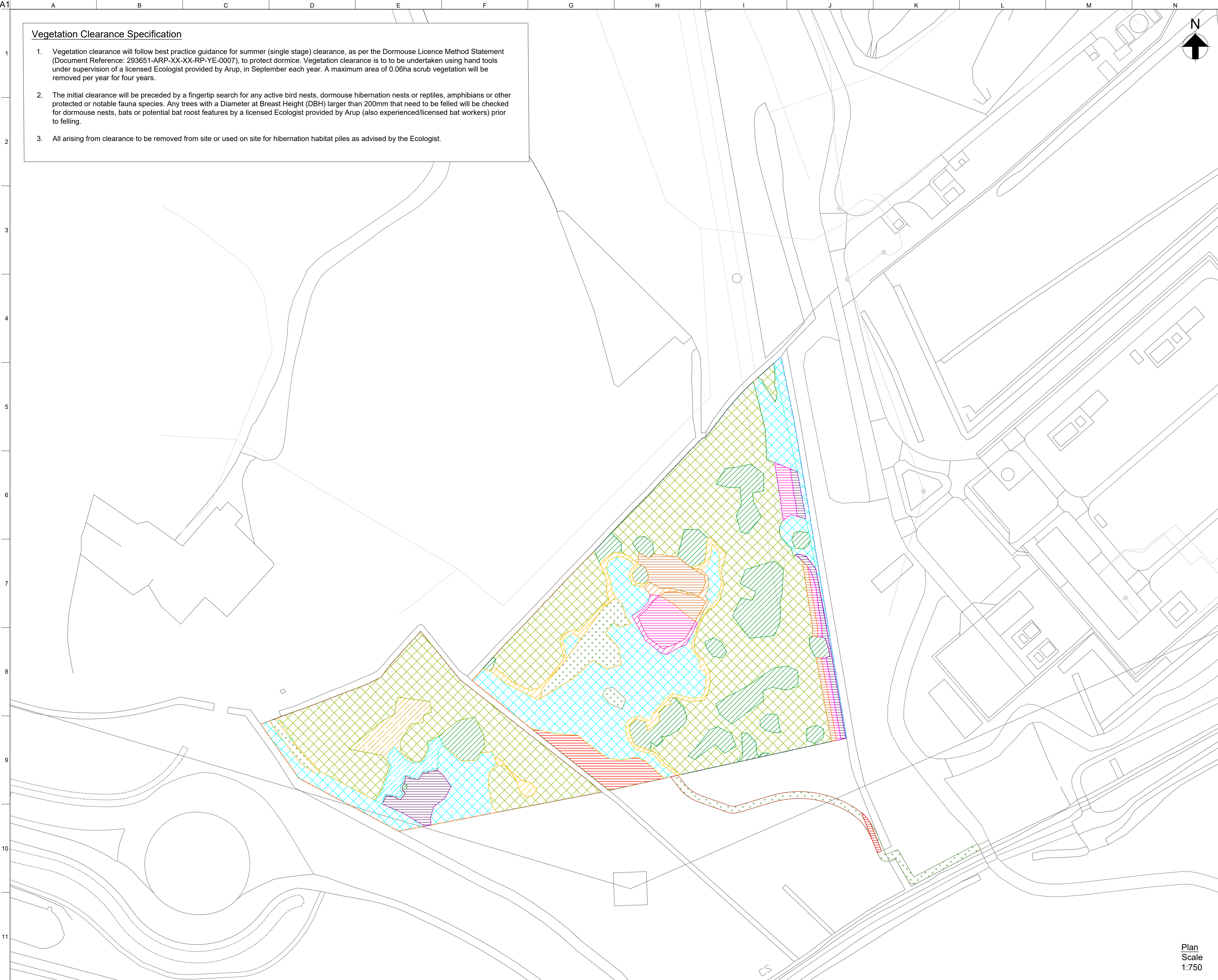




**Vegetation Clearance Specification**

1. Vegetation clearance will follow best practice guidance for summer (single stage) clearance, as per the Dormouse Licence Method Statement (Document Reference: 293651-ARP-XX-XX-RP-YE-0007), to protect dormice. Vegetation clearance is to be undertaken using hand tools under supervision of a licensed Ecologist provided by Arup, in September each year. A maximum area of 0.06ha scrub vegetation will be removed per year for four years.
2. The initial clearance will be preceded by a fingertip search for any active bird nests, dormouse hibernation nests or reptiles, amphibians or other protected or notable fauna species. Any trees with a Diameter at Breast Height (DBH) larger than 200mm that need to be felled will be checked for dormouse nests, bats or potential bat roost features by a licensed Ecologist provided by Arup (also experienced/licensed bat workers) prior to felling.
3. All arising from clearance to be removed from site or used on site for hibernation habitat piles as advised by the Ecologist.

**Legend**

- Other existing utilities
- SSSI area
- Proposed grassland compensation area boundary - 22.85sqm
- Willow scrub to be retained and managed - 2,513sqm
- Ruderal to be retained and managed - 530sqm
- Dense scrub to be retained and managed - 11,001sqm
- Sedge Bed to be retained - 433sqm

**Annual scrub clearance\***

Eastern grassland compensation area

- Year 1 - Approx. 565sqm (completed)
- Year 2 - Approx. 600sqm
- Year 3 - Approx. 600sqm
- Year 4 - Approx. 600sqm

**Total scrub clearance (4 years) = Approx. 2,365sqm**

**Annual reedbed and ruderal, or sedge clearance**

Reedbed and ruderal vegetation to be removed sequentially under supervision of a dormouse licenced ecologist with consideration for other species which may be present.

- Reedbed and ruderal vegetation to be removed in Year 1 - Approx. 5,858sqm (completed)
- Sedge vegetation to be removed in Year 1 - Approx. 284sqm (completed)
- Ruderal vegetation to be removed in Year 2 - Approx. 24sqm
- Ruderal vegetation to be removed in Year 3 - Approx. 100sqm
- Ruderal vegetation to be removed in Year 4 - Approx. 88sqm

**Total reedbed and ruderal and sedge clearance (4 years) = Approx. 6,344sqm**

**Total vegetation clearance (4 years) = Approx. 8,699sqm**

**Annual grass mowing\*\***

- Year 1 - 655sqm\*\*\*

Mown grassland area to increase per year, corresponding to annual scrub removal.

Year 2 - 7,352sqm

Year 3 - 7,976sqm

Year 4 - 8,676sqm

Note: \*Including low bramble and tall dense scrub habitat within the grassland compensation area boundary and access track.

\*\*The mowing regime for the cleared areas in the grassland compensation area and track will follow the prescriptions in Section 3.5 of the Habitat Management and Monitoring Plan (Document Reference CLS-ARP-EAC-XX-RP-OE-000003)

\*\*\*Mown grassland area to include tall herb mosaic, semi-improved grassland mosaic and marshy grassland mosaic habitats.

A transitional ecotone will be created between the grassland and edge of the scrub area to create further botanical and structural heterogeneity providing biodiversity benefits, avoiding encroachment of scrub into the grassland area while also avoiding development of a hard edge between the two habitat areas.

|     |          |         |      |      |
|-----|----------|---------|------|------|
| 9   | 05/12/25 | NJM     | RC   | JS   |
| 8   | 27/11/25 | NJM     | RC   | JS   |
| 7   | 11/09/25 | MV / LP | RC   | JS   |
| 6   | 20/03/25 | BS      | DB   | BO   |
| 5   | 28/01/25 | BS      | DB   | BO   |
| 4   | 21/12/23 | LP      | PW   | BO   |
| 3   | 17/11/23 | LP      | NM   | BO   |
| Rev | Date     | By      | Chkd | Appd |

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Client  
**The Welsh Government**

Project Title  
**Celtic Lakes  
NGED Substation**

Drawing Title  
**Figure 3  
Grassland Compensation Area  
Vegetation Clearance**

Scale at A1

1:750

Role

Landscape

Suitability

N/A

Arup Job No

**293651**

Name

**293651-LD-XX-DR-0403**

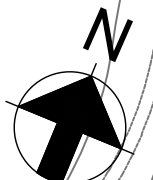
Rev

**9**

Plan

Scale

1:750



- Existing Western Power 11kV
- Other existing utilities
- Planning boundary
- SINC boundary
- SSSI area
- Proposed 132kV cable
- Proposed utility corridor
- Proposed drainage ditch
- Proposed drainage pipe
- Proposed security perimeter fence line
- Proposed access road

- Existing
- Grassland to be retained where possible and replaced and enhanced where necessary - 4,735sqm
  - Existing low bramble scrub cleared on site and left to regenerate - 19m2
  - Grassland to be protected and retained - 2,833sqm
  - Tall dense scrub to be protected and retained - 5,388sqm
  - Low bramble scrub to be protected and retained - 6,373sqm
  - Existing pond and associated habitats to be protected and retained
  - Existing hard surface

- Proposed
- Proposed mixed native species rich grassland reinstatement - 6,276sqm
  - Proposed mixed native dormouse habitat scrub planting with hazel at 25% of the mix - 4,377sqm
  - Proposed mixed native dormouse habitat scrub planting with hazel at 25% of the mix. Planted in year 2 post completion of the main site works - 3,493sqm
  - Proposed mixed native feathered hazel trees - 26no.
  - Proposed mixed native hedgerow planting - 406 lin.m
  - Proposed mixed native marginal seeding - 943sqm
  - Proposed aquatic plug planting - 755sqm
  - Proposed open water pond - Varies - 1,700sqm
  - Proposed dormouse woodland habitat protection and enhancement area, to include limited planting of 26 hazel trees in grass areas - 4,923sqm
  - Proposed off-site grassland mitigation and enhancement area to include 30no. dormouse boxes- 23,295sqm
  - Dormouse compensation area to include 30no. dormouse boxes in undisturbed woodland and scrub - 12,959sqm

|     |          |    |      |      |
|-----|----------|----|------|------|
| 6   | 04/06/25 | LP | BO   | PW   |
| 5   | 12/12/23 | LP | NM   | BO   |
| 4   | 11/12/23 | LP | NM   | BO   |
| 3   | 29/09/23 | LP | NM   | BO   |
| 2   | 13/09/23 | SL | PW   | BO   |
| 1   | 25/07/23 | LP | CP   | BO   |
| Rev | Date     | By | Chkd | Appd |

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NGED Substation

Drawing Title  
Figure 4. Proposed Landscape and  
Habitat General Arrangement

Scale at A1  
1:1000

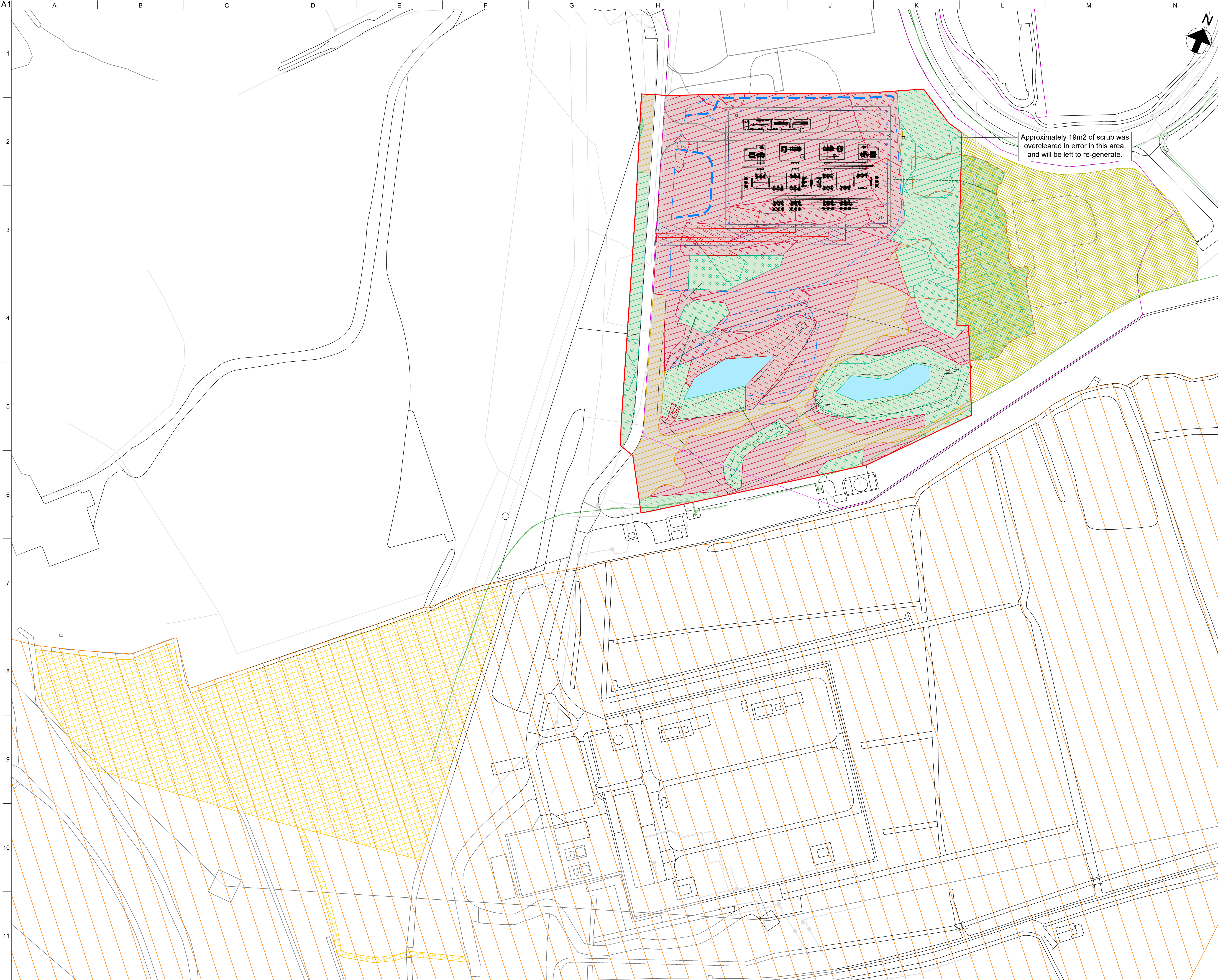
Role  
Landscape

Suitability  
S73

Arup Job No  
**293651**

Name  
**293651-LD-XX-DR-0001**

Rev  
**6**



Existing Western Power 11kV

Other existing utilities

Planning boundary

SINC boundary

SSSI area

Proposed 132kV cable

Proposed utility corridor

Proposed drainage ditch

Proposed drainage pipe

Proposed security perimeter fence line

Existing open water pond

Existing habitat to be removed

Grassland - 18,263sqm

Tall dense scrub - 3,220sqm

Low bramble scrub - 2,581sqm

Existing habitat to be retained and enhanced where possible

Grassland - 4,735sqm

Existing low bramble scrub cleared on site and left to regenerate - 19m2

Dormouse woodland habitat protection and enhancement area\* - 4,923sqm

Existing habitat to be protected

Grassland - 2,833sqm

Tall dense scrub - 5,388sqm

Low bramble scrub - 6,373sqm

Proposed

Indicative locations for dead hedging using site won brash to aid dormouse movement

Proposed off-site grassland mitigation and enhancement area - 23,295sqm

Dormouse compensation area to include 30no. dormouse boxes in undisturbed woodland and scrub - 12,959sqm

Notes:

\*For further detail on landscape and habitat proposals refer to Proposed Landscape and Habitat General Arrangement 293651-LD-XX-DR-0001

|     |          |    |      |      |
|-----|----------|----|------|------|
| 3   | 04/06/25 | LP | BO   | PW   |
| 2   | 12/12/23 | LP | NM   | BO   |
| 1   | 11/12/23 | LP | CE   | BO   |
| Rev | Date     | By | Chkd | Appd |

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NGED Substation

Drawing Title  
Figure 5. Existing Conditions and  
Vegetation Lost and Retained

Scale at A1  
1:1000

Role  
Landscape

Suitability  
S73

Arup Job No  
293651

Rev  
3

Do not scale

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