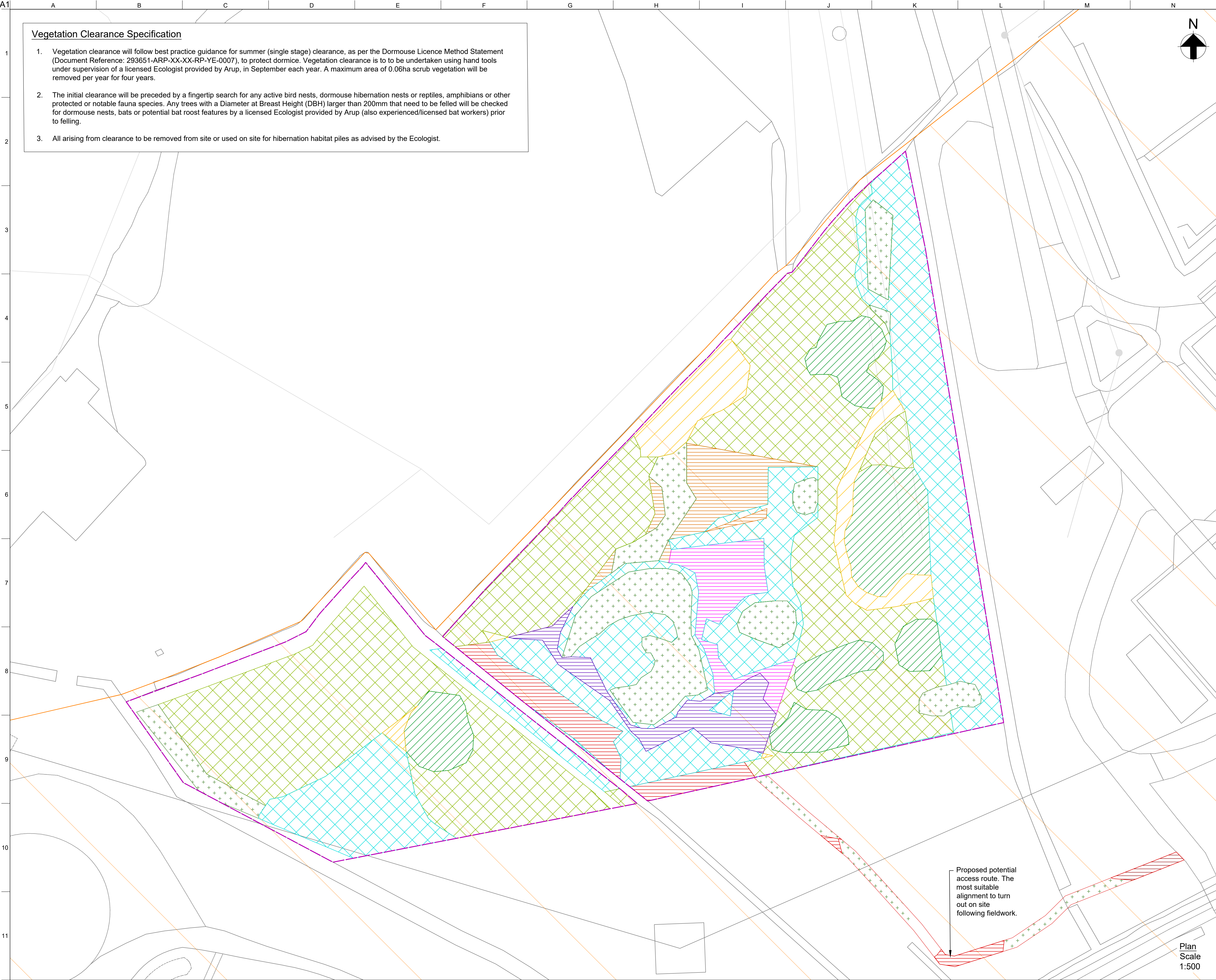
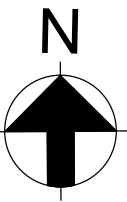




Vegetation Clearance Specification

- 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 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.
- 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.
- 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 - 22,835sqm
- Willow scrub to be retained and managed - 2,137sqm
- Ruderal to be retained and managed - 913sqm
- Dense scrub to be retained and managed - 8,944sqm

Annual scrub clearance*

Eastern grassland compensation area

- Year 1 - Approx. 600sqm
- Year 2 - Approx. 600sqm
- Year 3 - Approx. 600sqm
- Year 4 - Approx. 600sqm

Total scrub clearance (4 years) = Approx. 2,400sqm

- Reedbed and Ruderal vegetation to be removed sequentially under supervision of an ecologist and with consideration for other species which may be present - Approx. 5,587sqm

Total vegetation clearance (4 years) = Approx. 7,987sqm

Annual grass mowing**

- Year 1 - 2,280sqm***

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

Year 2 - 8,280sqm

Year 3 - 8,880sqm

Year 4 - 9,480sqm

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.

5	05/06/25	LP	BO	PW
4	21/12/23	LP	PW	BO
3	17/11/23	LP	NM	BO
2	09/11/23	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

1:500

Role

Landscape

Suitability

S73

Arup Job No

293651

Name

293651-LD-XX-DR-0403

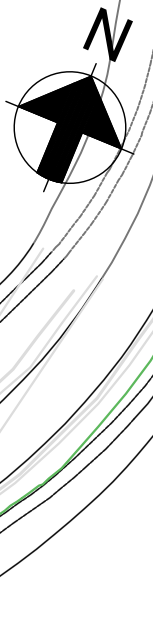
Rev

5

Plan

Scale

1:500



- 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

ARUP

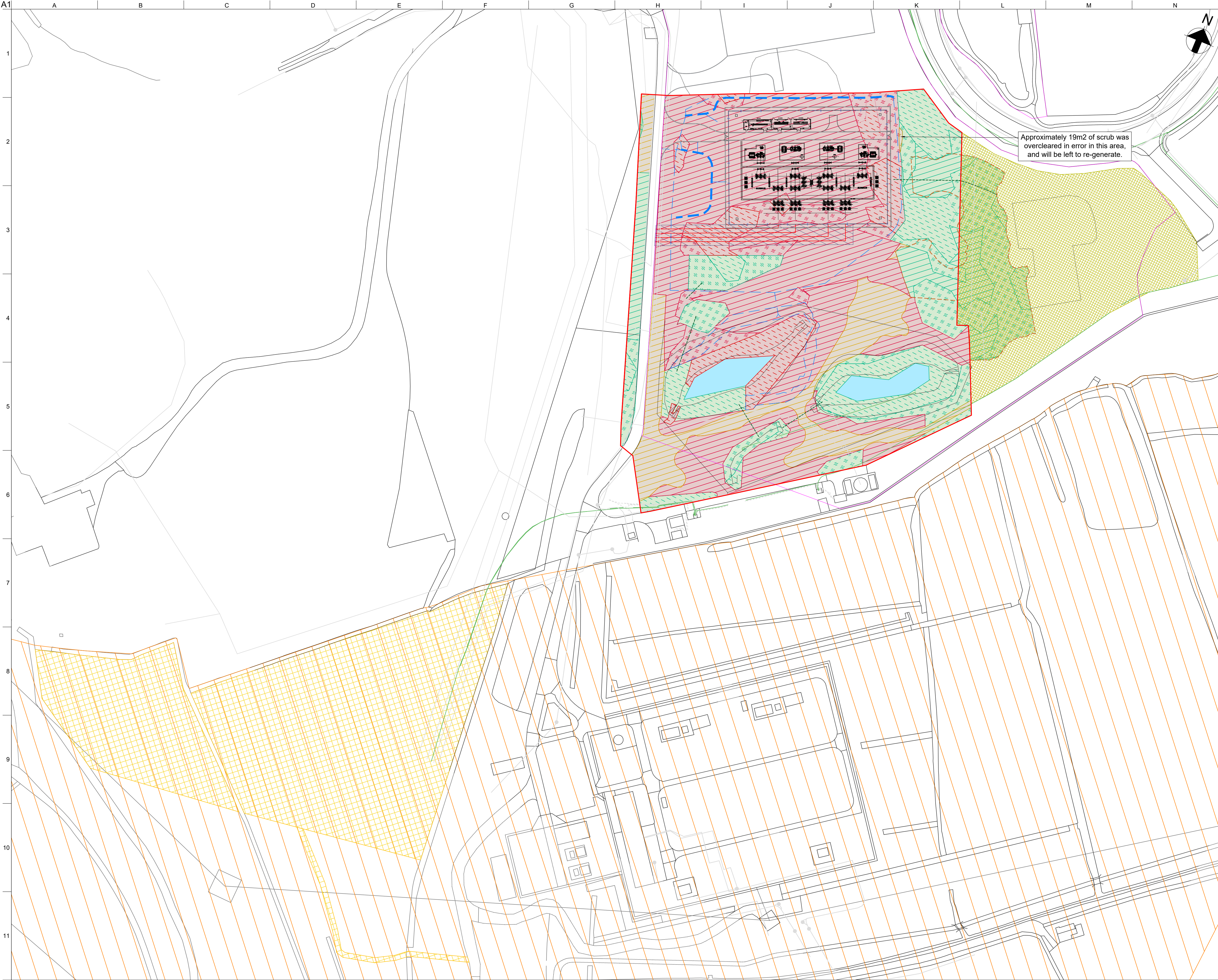
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Drawing Title
Figure 4. Proposed Landscape and
Habitat General Arrangement

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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Project Title
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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
Name 293651-LD-XX-DR-0002	