Outline Landscape Specifications:

Existing Vegetation:

Any necessary works being undertaken within close proximity and to the retained tree lined hedgerows should be carried out in accordance with BS 3998:2010 Tree work Recommendations and BS 5837:2012 Trees in relation to design demolition and construction. Existing planting will be allowed to mature and will be maintained in line with recommendations within this document and the Biodiversity Management Plan.

Timing & Aftercare:

Planting of the infill hedgerow mixes to take place during the months of November to March, preferably before January and at a time when the soil is not frozen or waterlogged. The new plants will be watered in at the time of planting and regularly during their first year. All hedgerow will have a minimum 1m wide radius free of any weeds until 3 years after planting, when they are well established. Weeding will be done using a mulch mat and an approved herbicide as required in order to prevent competition for nutrients from weeds and grasses.

The planting supports and guards will be inspected regularly to ensure they are not impeding the plant's growth and will be adjusted or replaced as required. These will be removed when the planting is established within the initial 3 years.

The new hedgerow planting will be reduced by a third in height immediately after planting for hawthorn, with other species lightly pruned and cut later in the first autumn. Pruning will be required in the second year to encourage bushy growth by removing half of the previous year's growth. The plants will be shaped in the third year by trimming both lateral and lead branches. All management should be undertaken with the priority of maximising visual screening rather than height. The hedging will be cut on a rotational basis using mechanical methods approximately every year with no more than one third of the hedge cut each year. Trees should be excluded from cutting and allowed to grow upwards, unless detrimental to bank stability, operational safety, or visual screening. All hedge cutting will be undertaken outside of the nesting bird period (beginning of March to end of August).

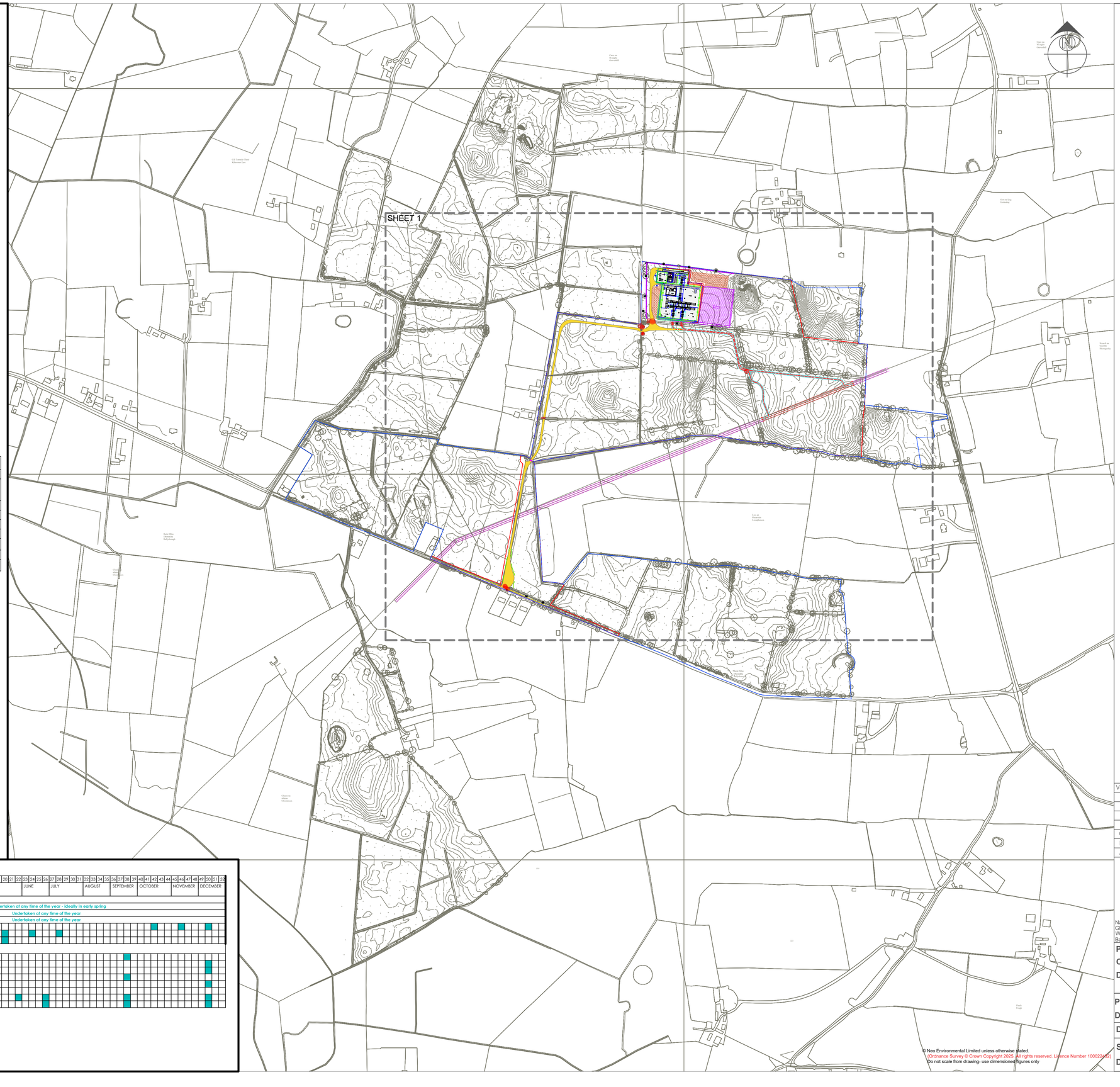
Any loss of planting which occurs within 5 years of the initial planting as a result of plant failure will be replaced with the same plant species.

Indicative Planting Schedule:

Indicative Planting Mixes						
Infill Hedgerow Mix						
Planted as double staggered rows at 6 per metre and spacing of 300-400mm between rows or as individual whip planting through existing gaps as required.						
Corylus avellana	Hazel	8	60-90cm	1+1	BR	Transplant
Crategus monogyna	Hawthorn	55	60-90cm	1+1	BR	Transplant
Euonymus Europaeus	Spindle	8	60-90cm	1+1	BR	Transplant
Ilex aquifolium	Holly	10	40-60cm		C	
Prunus spinosa	Blackthorn	10	60-90cm	1+1	BR	Transplant
Rosa canina	Dog Rose	2	60-90cm	1+1	BR	Transplant
Viburnum opulus	Guelder Rose	7	60-90cm	1+1	BR	Transplant

ESTABLISHMENT & MAINTENANCE INDICATIVE SCHEDULE

	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51 52
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
Habitat Provision:													
Installation of bird boxes, bat boxes and dormice nests	Undertaken at any time of the year - ideally in early spring												
Creation of hibernacula, invertebrate hotels & bee banks	Undertaken at any time of the year												
Adaption of security fencing for badger gates	Undertaken at any time of the year												
Management of bird boxes	■		■							■		■	■
Management of bat boxes and dormice nests					■	■	■						
Management of invertebrate hotels					■		■						
Infill Hedge Planting													
Pruning and thinning	■		■		■				■				■
Re-Firming	■												
Dead tree replacement													■
Fertiliser application				■					■				
Residual herbicide application					■								■
Translocated herbicide application													
Check stakes, ties and tree shelters	■			■		■	■		■				■
Litter removal													



Key

Landscaping & Ecology Measures

- Proposed Infill Planting (350.2m)
- Proposed Bird Box - (4no.)
- Proposed Bat Box - (5no.)
- Proposed Herptile Hibernacula - (1no.)
- Proposed Invertebrate Hotel - (1no.)
- Existing Hedgerow to be removed (481.3m^2)
- Trees to be removed (14no.)
- Vegetation/Hedgerow to be trimmed to achieve visionlines (230.0m)

Proposed Site Features

- Proposed Site Boundary
- Solar Farm Landowner Boundary
- Contours
- Site Track
- Perimeter Fence
- Proposed 110kV Substation
- Future 110kV Substation Expansion
- Proposed 110kV Underground Cable Route
- Required 110kV EirGrid Easement
- Proposed 110kV Site Track
- Required Cut and Fill
- Proposed 110kV Underground Cable Tower
- Existing ESB OHL HV Network
- Existing ESB OHL To Be Loop-in
- Site Entrance South Gate
- Soil Deposition Area
- Consented Water Crossing (23/61049)
- Ditch Crossing

Ver.	Date	Comments
C	24/03/2026	LEMP Updates
B	04/03/2026	Ecology Updates
A	18/12/2025	LEMP Plan

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Project: Gortnalug 110kV Substation
Client: RES
Drawing: Landscape & Ecology Management Plan (Overall)

Project No.: NEO01668
Drawing No. : NEO01668_016 Figure 1.18a
Drawn: TL **Checked:** KB **Approved:** PN
Scale: 1:5,000 @ A1 **Revision:** C
Date: 26th March 2026

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Do not scale from drawing- use dimensioned figures only