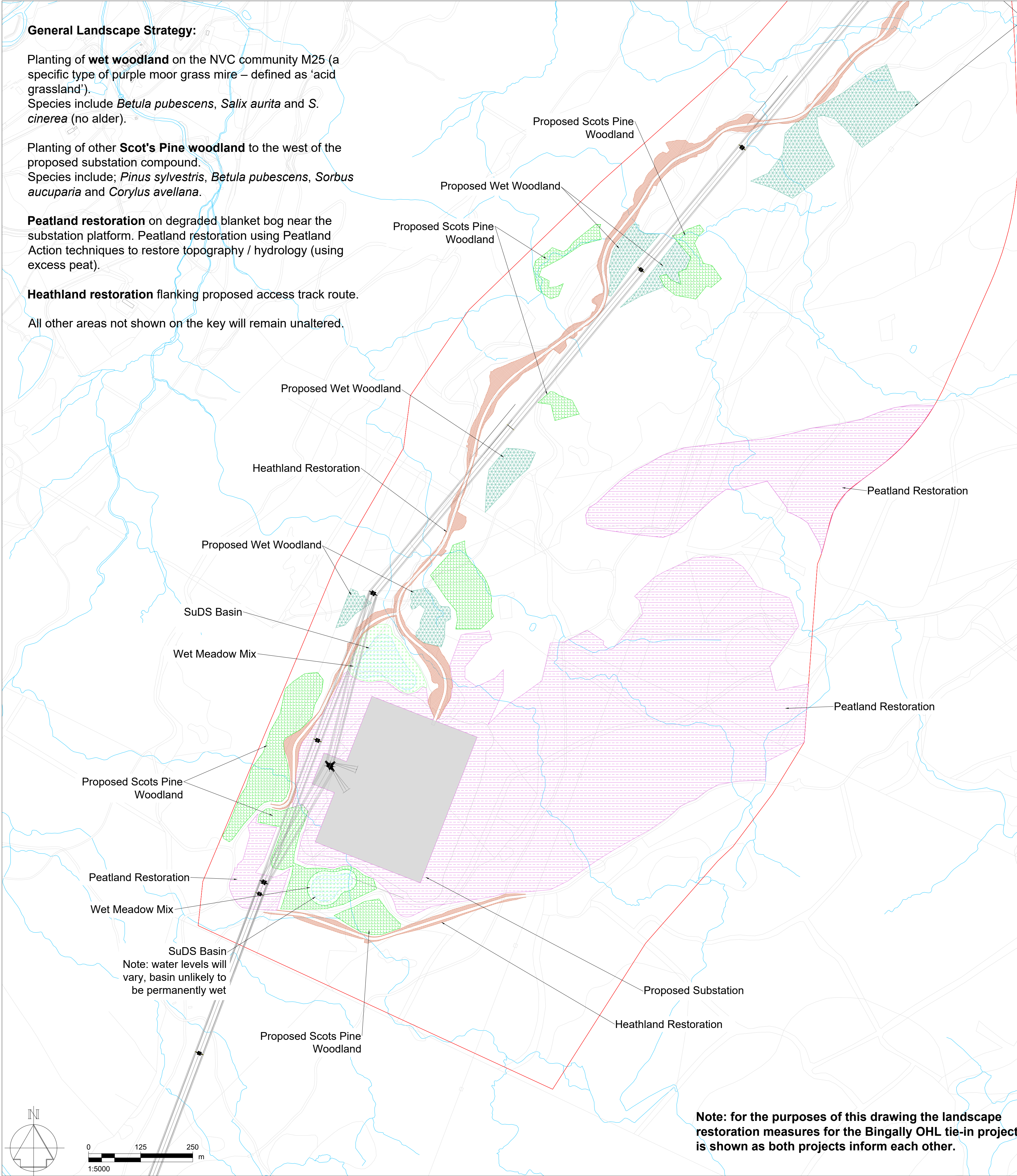


ISO A1 594mm x 841mm
Approved:JS
Checked:JS
Designer:DW
Project Management Initials:



General Landscape Strategy:

Planting of **wet woodland** on the NVC community M25 (a specific type of purple moor grass mire – defined as ‘acid grassland’).
Species include *Betula pubescens*, *Salix aurita* and *S. cinerea* (no alder).

Planting of other **Scot's Pine woodland** to the west of the proposed substation compound.
Species include; *Pinus sylvestris*, *Betula pubescens*, *Sorbus aucuparia* and *Corylus avellana*.

Peatland restoration on degraded blanket bog near the substation platform. Peatland restoration using Peatland Action techniques to restore topography / hydrology (using excess peat).

Heathland restoration flanking proposed access track route.

All other areas not shown on the key will remain unaltered.

Proposed Wet Woodland

Wet Meadow Mix				
Species	Common Name	Planting Method	Sowing Rate	% Mix
WILDFLOWERS				20%
<i>Achillea ptarmica</i>	Sneezewort	Hand sown as entire mix	3g/m2	2
<i>Centaurea nigra</i>	Common Knapweed			2.25
<i>Cirsium palustre</i>	Marsh Thistle			0.1
<i>Filipendula ulmaria</i>	Meadowsweet			2.5
<i>Geranium pratense</i>	Meadow Cranesbill			0.5
<i>Geum rivale</i>	Water Avens			0.5
<i>Hypericum tetrapetrum</i>	Square-stemmed St John's Wort			0.5
<i>Hypochaeris radicata</i>	Cat's Ear			0.5
<i>Iris pseudacorus</i>	Yellow Flag Iris			1
<i>Leucanthemum vulgare</i>	Ox-eye Daisy			1.5
<i>Lotus uliginosus</i>	Greater Trefoil			0.1
<i>Plantago lanceolata</i>	Ribwort Plantain			1.5
<i>Prunella vulgaris</i>	Selfheal			1
<i>Ranunculus acris</i>	Meadow Buttercup			1
<i>Rhinanthus minor</i>	Yellow Rattle			1
<i>Rumex acetosa</i>	Common Sorrel			1
<i>Scorzoneroideis autumnalis</i>	Autumn Hawkbit			1
<i>Silene flos-cuculi</i>	Ragged Robin			1.5
<i>Succisa pratensis</i>	Devil's-bit Scabious			0.5
GRASSES				80%
<i>Agrostis capillaris</i>	Common Bent (c)	Hand sown as entire mix	3g/m2	10
<i>Alopecurus pratensis</i>	Meadow Foxtail (c)			5
<i>Carex ovalis</i>	Oval Sedge			0.05
<i>Deschampsia caespitosa</i>	Tufted Hair Grass			7.6
<i>Festuca rubra commutata</i>	Chewing's Fescue (c)			36.5
<i>Poa pratensis</i>	Smooth-stalked Meadow Grass (c)			20.9
General Notes:				
1. SCM2 Wet Meadow Mix to be sown by hand at a rate of 3g/m2.				
			Sqm	
Total Area for Mix is			25,426	

Peatland Seeding Mix				
Species	Common Name	Planting Method	Sowing Rate	% Mix
SEEDED SPECIES				100%
<i>Calluna vulgaris</i>	Heather	Hydro-seeded	3g/m2	20%
<i>Empetrum nigrum</i>	Crowberry			10%
<i>Erica cinerea</i>	Bell heather			10%
<i>Erica tetralix</i>	Cross-leaved heath			10%
<i>Eriophorum angustifolium</i>	Common cotton-grass			10%
<i>Eriophorum vaginatum</i>	Hare's-tail cottongrass			10%
<i>Juncus squarrosus</i>	Heath rush			10%
<i>Vaccinium myrtillus</i>	Bilberry			10%
<i>Vaccinium vitisidæ</i>	Cowberry			10%
General Notes:				
1. Heathland mix to be hydro-seeded at a rate of 3g/m2.				
			Sqm	
Total Area for Mix is			100,464	

Heathland Mix				
Species	Common Name	Planting Method	Sowing Rate	% Mix
SEEDED SPECIES				100%
<i>Calluna vulgaris</i>	Heather or ling	Hydro-seeded	3g/m2	20%
<i>Empetrum nigrum</i>	Crowberry			10%
<i>Erica cinerea</i>	Bell heather			10%
<i>Erica tetralix</i>	Cross-leaved heath			10%
<i>Eriophorum angustifolium</i>	Common cotton-grass			10%
<i>Eriophorum vaginatum</i>	Hare's-tail cottongrass			10%
<i>Juncus squarrosus</i>	Heath rush			10%
<i>Vaccinium myrtillus</i>	Bilberry			10%
<i>Vaccinium vitisidæ</i>	Cowberry			10%
General Notes:				
1. Heathland mix to be hydro-seeded at a rate of 3g/m2.				
			Sqm	
Total Area for Mix is			172,009	

Wet Woodland Mix						
Species	Designation	Root Type	Height CM	Average Planting Centres / Density	QTY	% Mix
TREES						
80%						
<i>Alnus glutinosa</i>	1+1	Bare Root	60-90	1500mm cen	42439	20%
<i>Betula pubescens</i>	1+1	Bare Root	60-90	1500mm cen	42439	20%
<i>Salix cinerea</i>	1+1	Bare Root	60-90	1500mm cen	42439	20%
<i>Salix caprea</i>	1+1	Bare Root	60-90	1500mm cen	42439	20%
SHRUBS-						
<i>Corylus avellana</i>	1+1	Bare Root	40-60	1500mm cen	42439	20%
Sqm						
Total Area for Mix is					318,296	

Scots Pine Woodland Mix						
Species	Designation	Root Type	Height CM	Average Planting Centres / Density	QTY	% Mix
TREES						
80%						
<i>Pinus sylvestris</i>	1+1	Bare Root	60-90	1500mm cen	23461	40%
<i>Betula pubescens</i>	1+1	Bare Root	60-90	1500mm cen	8798	15%
<i>Betula pendula</i>	1+1	Bare Root	60-90	1500mm cen	5865	10%
<i>Sorbus aucuparia</i>	1+1	Bare Root	60-90	1500mm cen	5865	10%
SHRUBS-						
<i>Corylus avellana</i>	1+1	Bare Root	40-60	1500mm cen	5865	10%
<i>Sambucus nigra</i>	1+1	Bare Root	40-60	1500mm cen	5865	10%
Sqm						
Total Area for Mix is					87,978	

Note: for the purposes of this drawing the landscape restoration measures for the Bingally OHL tie-in project is shown as both projects inform each other.



PROJECT

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GENERAL NOTES

The landscape plan is to be finalised upon the completion of NVC ecology survey. All information in the existing drawing is based upon the draft findings of the survey.

LEGEND

- Site Boundary
- Proposed Wet Woodland
- Peatland Restoration
- Heathland Restoration
- Proposed Other Scot's Pine Woodland
- SUDS Pond
- Wet Meadow Mix

ISSUE/REVISION

P05	20/02/25	OHL XREF ADDED
P04	14/02/25	EDIT TO PEATLAND HATCH
P03	13/02/25	FURTHER EDIT TO MITIGATIC
P02	12/02/25	FURTHER EDIT TO MITIGATIC
P01	17/07/24	DRAFT ISSUE
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60701792

SHEET TITLE

LANDSCAPE RESTORATION PLAN

SHEET NUMBER

60701792-ACM-ELS-S1-Z_Z_Z_DR-LA-0001