



**Key**

**Proposed Site Features**

- PLANNING APPLICATION BOUNDARY (OUTSIDE EDGE OF LINE DENOTES BOUNDARY)
- SITE ENTRANCE
- EXISTING TRACK TO BE UPGRADED TO ACHIEVE A MINIMUM WIDTH OF 3.0m
- PROPOSED ACCESS TRACK / HARDSTAND
- PROPOSED TEMPORARY ACCESS TRACK
- INDICATIVE 110kV UGC ROUTE
- INDICATIVE 33kV UGC ROUTE
- EXISTING DITCH CROSSING TO BE UPGRADED AND 110kV & 33 kV CABLES CROSSING
- PROPOSED DITCH 33kV CABLE CROSSING
- INDICATIVE HDD CROSSING
- PROPOSED PERIMETER FENCE
- PROPOSED GATE
- PROPOSED CCTV

**Landscaping & Ecology Measures**

- Proposed Species Rich Grassland and Wildflower Mix (7600m²)
- Proposed Tree Removal (7)
- Proposed Hedgerow Removal (133.7m)
- Proposed Tree Trimming (51.68m)
- Proposed Bat Box - No.2
- Proposed Bat Box - No.2

**Indicative Grassland and Wildflower Mixes**

Note: Final parameters chosen to best suit the underlying soil conditions and to be approved by the ecologist.

Species Rich Grassland Mix					
Sow rate of 20kg/ha.					
Latin Name	Common Name	Mix %	Latin Name	Common Name	Mix %
<i>Agrostis capillaris</i>	Common Bent	4	<i>Cynosurus cristatus</i>	Crested Dog's Tail	4
<i>Festuca rubra</i>	Red Fescue	35	<i>Festuca ovina</i>	Sheep's Fescue	27
<i>Poa pratensis</i>	Smooth Stalked Meadow Grass	15	<i>Poa trivialis</i>	Rough Stalked Meadow Grass	15

  

Wildflower Mix					
Sow rate of 40kg per ha with 80% grass and 20% wildflower ratio.					
Latin Name	Common Name	Mix %	Latin Name	Common Name	Mix %
<i>Lotus corniculatus</i>	Birds Foot Trefoil	10	<i>Leucanthemum vulgare</i>	Ox-eye Daisy	8
<i>Centaurea nigra</i>	Black Knapweed	5	<i>Silene dioica/latifolia</i>	Red/White Campion	2.00
<i>Medicago lupulina</i>	Black Medick	3	<i>Trifolium repens</i>	Red Clover	10
<i>Vicia sativa</i>	Common Vetch	4	<i>Prunella vulgaris</i>	Selfheal	5
<i>Galium verum</i>	Lady's Bedstraw	2.00	<i>Onobrychis vicifolia</i>	Sainfoin	3.6
<i>Lathyrus pratensis</i>	Meadow Vetchling	3	<i>Achillea millefolium</i>	Yarrow	6
<i>Ranunculus acris</i>	Meadow Buttercup	3	<i>Rhinanthus minor</i>	Yellow Rattle	3

**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, BS 5837:2012 Trees in Relation to Design Demolition and Construction and NJUG 4 Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees and in consultation with an arborist.

**Indicative Grassland and Wildflower Mixes:**

Species rich grassland to consist of a mix of fine grasses and nectar rich wildflowers.

Fine grass species will consist of species such as: *Agrostis capillaris*, *Common Bent*; *Festuca rubra* agg, Red-Fescue; *Festuca pratensis*, meadow fescue; and *poa* sp., meadow grasses

**Timing & Aftercare:**

Areas of grassland to be planted in early spring or late summer. The wildflower mix will need to be continuously managed with an appropriate cutting regime to maintain a high level of flowering species. If any areas become scarce of wildflowers these should be reestablished as required.

The grassland will be managed by cutting several times in the first year to reduce competition from annual weeds and allow the grass to become established. Weeds may also need treating through spot treatment with an appropriate approved herbicide. In the second year and onwards the grassland can be maintained by cutting. Areas of wildflower mix will similarly need controlling of any initial flushes of weeds and persistent weeds. The wildflower mix will be maintained by an annual cut after they have flowered, with the cut growth allowed to sit to release any seeds prior to it being removed off site.

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.

G	24/11/25	Landscape and Ecology Management Plan Updates
F	07/10/25	Landscape and Ecology Management Plan Updates
E	06/10/25	Landscape and Ecology Management Plan Updates
D	01/10/25	Landscape and Ecology Management Plan Updates
C	19/09/25	Landscape and Ecology Management Plan Updates
B	12/06/25	Landscape and Ecology Management Plan

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**Project:** Colehill 110kV Substation  
**Client:** RES Ltd.  
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