



**KEY**

-  Application Site Boundary
-  Area of Pitbank and Soil Resource to be Reprofiled to be Level with Surrounding Ground Levels
-  Additional Mainband Colliery Land
-  Orchid Rich Area to be Retained
-  5m Contours



**West Cumbria Mining**  
S.106, Schedule 6; Additional Mainband Land

**FIGURE**  
Mainband Existing Site and Restoration Works

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**NOTES:**

**NATIVE WOODLAND PLANTING**

Native Woodland planting mix:  
 30% *Crataegus monogyna* (Common alder)  
 5% *Betula pubescens* (Downy/white birch)  
 15% *Crataegus monogyna* (Hawthorn)  
 10% *Prunus padus* (Bird cherry)  
 15% *Salix caprea* (\*Goat willow)  
 20% *Quercus pertraea* (Sessile Oak)  
 5% *Sorbus aucuparia* (Rowan / mountain ash)  
 \*To be planted at 2m centers

Woodland Target soil profile:

- 300mm - 450mm topsoil;
- 400mm - 500mm subsoil.

**GRASSLAND SUCCESSION & MANAGEMENT**

EG8 Meadow grass mixture:

- 12.5% *Agrostis capillaris* Common Bent
  - 2.5% *Alopecurus pratensis* Meadow Foxtail
  - 2.5% *Anthoxanthum odoratum* Sweet Vernal-grass
  - 1.25% *Briza media* Quaking Grass
  - 40% *Cynosurus cristatus* Crested Dogstail
  - 1.25% *Deschampsia cespitosa* Tufted Hair-grass
  - 30% *Festuca rubra* Slender-creeping Red-fescue
  - 1.25% *Hordeum secalinum* Meadow Barley
  - 8.75% *Schedonorus pratensis* - (*Festuca pratensis*) Meadow Fescue
- \*Species mix subject to soil testing

Sowing rate to be 20kg/acre

Grassland Target soil profile:

- 150mm - 350mm topsoil;
- 350mm - 400mm subsoil.

Seeding (Both Meadow Grassland And Natural Regeneration Areas)

Grass seed shall be sown during the period 1 March to 31 May or 1 September to 31 October. Soil to be tested and ameliorants added prior to sowing where required. Following placement of topsoil the entire area to be subsoiled to a depth of 450mm at a finished spacing of 600mm using a deep tined agricultural subsoiler, removing any stones exceeding 100mm in any direction. Final cultivations include reducing the upper 50mm of soil to a fine tilth and stone picking (plus other objects) larger than 100mm in any dimension. Sow seed followed by a light raking of the surface to cover seeds by use of chain harrow or other suitable plant. Seeding shall be repeated until an even sward is established.

Management Upon Sward Establishment (Meadow Grassland Only)

Meadow Grassland areas will be cut bi-annually (similar to a traditional hay meadow management strategy), either by mechanical means or light grazing regime.



ORCHID RICH AREA TO BE RETAINED AND NOT DISTURBED

PROPOSED NATIVE WOODLAND PLANTING

AREAS OF "MEADOW GRASSLAND" AND "PROPOSED NATURAL REGENERATION AREAS" ARE TO BE LEVELED TO MATCH THE SURROUNDING SITE ELEVATION PROFILE

FORMER CONCRETE PAD TO BE BROKEN UP TO ALLOW DRAINAGE (BUT NOT REMOVED). SUB SOIL AND TOP SOIL TO BE ADDED (SEE TARGET SOIL PROFILE NOTES)

**KEY**

- Application Site Boundary
- Proposed Meadow Grassland
- Proposed Native Tree Planting/Enhancement Area
- Trees to be Retained
- Additional Mainband Colliery Land
- Orchid Rich Area to be Retained
- Proposed Natural Regeneration Area
- Access Track to be Retained
- 5m Contours



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**FIGURE**  
 Mainband Restoration and Aftercare

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