

Key

Ref	Species	Size	Spacing	Total
<b>Individual Native Trees</b>				
AC	Acer campestre (Field Maple)	14-16cm girth CG	As Shown	4
QR	Quercus robur (Oak)	14-16cm girth CG	As Shown	1
		<b>Total</b>		<b>5</b>

Existing hedgerows -to be retained

A double row of native planting has now been carried out along the top of the northern & eastern bund area as per planning ref: 16/00752/F

LIVESTOCK BUILDING

GENERAL PURPOSE BUILDING

1100 TONNE GRAIN STORE

Bund

YARD  
gravel finish

Wild flower mix  
eg Emorsgate EM7  
suitable for sandy  
soils to be sown on  
general bund areas  
of exposed soil and  
where vegetation  
cover is sparse.

NB See attached details  
for seed mixes and sowing  
rates

Wild flower hedge mix  
suitable for semi-shade  
to be sown in this area  
eg Emorsgate EH1

Bund

Existing mature hedge

Existing mature hedge

Existing hedgerow  
(5-6m ht)  
to be retained

**Topsoil**

- Hedge planting areas to a minimum depth of 350mm.
- Tree pits: as stated below.

**Planting**

- Weed growth to be sprayed off using approved translocated herbicide.
- Hedgeline to be cultivated and prepared incorporating fertiliser @ 50gms/m2
- Extra heavy standard tree planting: Pits 750mmx750mmx600mm incorporating 60 litres of compost. Single stake @ 1.2m height above ground level.
- Ties: 1No 40mm block and strap. NB angle stake CG trees.

**Rabbit Protection (Provisional)**

- Clear spiral guard (60cmx38mm) to hedging and trees. Plus canes(90cm size) to support spirals on hedging plants.

**Maintenance 12 months from Practical Completion****Planting Areas**

- Weed, water, prune as necessary and carry out replacement of failed trees and hedging.
- 1 metre diameter around base of each tree and entire length of hedgeline to be kept weed free.
- Services must be located prior to tree pit excavation and planting works.

**NB Landscape Officer Requirements**

- All plants are to be supplied in accordance with Horticultural Trade Association's National Plant Specification and from a HTA certified nursery.
- All plants and trees to be planted in accordance with BS3936. Delivery and backfilling of all plant material to be in accordance with BS4428/JCLI/CPSE Code of Practice for 'Handling and Establishing Landscape Plants, Parts I, II and III.
- Trees are also to be planted and maintained in accordance with BS8545 :2014 to enable successful establishment.
- All excavated areas to be backfilled with either topsoil from site or imported to be BS3882 -General purpose grade. All top-soiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants..

**Condition 4.**

- All planting, seeding or turfing comprised in the approved details of landscaping shall be carried out in the first planting and seeding seasons following the occupation of the building(s) or on the completion of the development, whichever is the sooner; and that any trees and shrubs which within a period of five years from the completion of the development die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species, unless the Local Planning Authority gives written consent for any variation.

Existing hedgerows(2.5-3m ht)  
to be retained and allowed  
to grow to 5-6m in ht



10 metre  
scale bar

C.A.T.

LANDSCAPE CONSULTANCY

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**Project Title:**  
Proposed Agricultural Buildings  
Hornton Quarry Site  
Hornton

**Drawing Title:** Soft Landscape Plan

**Scale:** 1/600 @ A3 **Date:** 28.8.19 **Drawn by:** PJH

**Drawing No:** HG 04 **Rev:** C

**Rev:** A Bund added **Date:** 29.8.19

B Planting amended **Date:** 30.8.19

C Wild flower mixes added **Date:** 6.12.19



# Wild Flower Mixes

## Emorsgate EH1: Hedgerow mix

### Wild Flowers

%	Latin name	Common name
0.5	<a href="#">Achillea millefolium</a>	<a href="#">Yarrow</a>
1.2	<a href="#">Agrimonia eupatoria</a>	<a href="#">Agrimony</a>
2.5	<a href="#">Alliaria petiolata</a>	<a href="#">Garlic Mustard</a>
1	<a href="#">Betonica officinalis - (Stachys officinalis)</a>	<a href="#">Betony</a>
2	<a href="#">Centaurea nigra</a>	<a href="#">Common Knapweed</a>
0.4	<a href="#">Clinopodium vulgare</a>	<a href="#">Wild Basil</a>
0.6	<a href="#">Digitalis purpurea</a>	<a href="#">Foxglove</a>
1	<a href="#">Galium album - (Galium mollugo)</a>	<a href="#">Hedge Redstraw</a>
1.5	<a href="#">Geum urbanum</a>	<a href="#">Wood Avens</a>
1	<a href="#">Hypericum perforatum</a>	<a href="#">Perforate St John's Wort</a>
0.5	<a href="#">Leucanthemum vulgare</a>	<a href="#">Oxeye Daisy</a>
1	<a href="#">Plantago lanceolata</a>	<a href="#">Ribwort Plantain</a>
1	<a href="#">Primula veris</a>	<a href="#">Cowslip</a>
1	<a href="#">Prunella vulgaris</a>	<a href="#">Selfheal</a>
2	<a href="#">Silene dioica</a>	<a href="#">Red Campion</a>
2	<a href="#">Torilis japonica</a>	<a href="#">Upright Hedge-parsley</a>
0.4	<a href="#">Vicia cracca</a>	<a href="#">Tufted Vetch</a>
0.4	<a href="#">Vicia sativa ssp. segetalis</a>	<a href="#">Common Vetch</a>
20		

### Grasses

%	Latin name	Common name
10	<a href="#">Agrostis capillaris</a>	<a href="#">Common Bent</a>
2	<a href="#">Anthoxanthum odoratum</a>	<a href="#">Sweet Vernal-grass (w)</a>
7	<a href="#">Brachypodium sylvaticum</a>	<a href="#">False Brome (w)</a>
20	<a href="#">Cynosurus cristatus</a>	<a href="#">Crested Dogtail</a>
1	<a href="#">Deschampsia cespitosa</a>	<a href="#">Tufted Hair-grass (w)</a>
28	<a href="#">Festuca rubra</a>	<a href="#">Slender-creeping Red-fescue</a>
12	<a href="#">Poa nemoralis</a>	<a href="#">Wood Meadow-grass</a>
80		

### Sowing Rates

**4gms/m2**

kg/ha	kg/acre	g/m <sup>2</sup>	Order Mixture
40	16	4	<a href="#">Order this mixture</a>

## Emorsgate EM7: Sandy soil mix

### Wild Flowers

%	Latin name	Common name
0.5	<a href="#">Achillea millefolium</a>	<a href="#">Yarrow</a>
3	<a href="#">Centaurea nigra</a>	<a href="#">Common Knapweed</a>
1.5	<a href="#">Daucus carota</a>	<a href="#">Wild Carrot</a>
2	<a href="#">Echium vulgare</a>	<a href="#">Viper's Bugloss</a>
2.5	<a href="#">Galium verum</a>	<a href="#">Lady's Bedstraw</a>
0.5	<a href="#">Leucanthemum vulgare</a>	<a href="#">Oxeye Daisy</a>
0.2	<a href="#">Linaria vulgaris</a>	<a href="#">Common Toadflax</a>
0.5	<a href="#">Lotus corniculatus</a>	<a href="#">Birdsfoot Trefoil</a>
1	<a href="#">Malva moschata</a>	<a href="#">Musk Mallow</a>
0.5	<a href="#">Plantago media</a>	<a href="#">Hoary Plantain</a>
1	<a href="#">Primula veris</a>	<a href="#">Cowslip</a>
1.5	<a href="#">Prunella vulgaris</a>	<a href="#">Selfheal</a>
1	<a href="#">Ranunculus acris</a>	<a href="#">Meadow Buttercup</a>
2	<a href="#">Ranunculus bulbosus</a>	<a href="#">Bulbous Buttercup</a>
1.5	<a href="#">Rumex acetosa</a>	<a href="#">Common Sorrel</a>
0.5	<a href="#">Rumex acetosella</a>	<a href="#">Sheep's Sorrel</a>
0.2	<a href="#">Scorzoneroideis autumnalis - (Leontodon autumnalis)</a>	<a href="#">Autumn Hawkbit</a>
0.1	<a href="#">Trifolium pratense</a>	<a href="#">Wild Red Clover</a>
20		

### Grasses

%	Latin name	Common name
10	<a href="#">Agrostis capillaris</a>	<a href="#">Common Bent</a>
4	<a href="#">Agrostis vinealis</a>	<a href="#">Brown Bent (w)</a>
4	<a href="#">Anthoxanthum odoratum</a>	<a href="#">Sweet Vernal-grass (w)</a>
16	<a href="#">Cynosurus cristatus</a>	<a href="#">Crested Dogtail</a>
2	<a href="#">Deschampsia flexuosa - (Avenella flexuosa)</a>	<a href="#">Wavy Hair-grass (w)</a>
20	<a href="#">Festuca ovina</a>	<a href="#">Sheep's Fescue</a>
16	<a href="#">Festuca rubra</a>	<a href="#">Slender-creeping Red-fescue</a>
3	<a href="#">Koeleria macrantha</a>	<a href="#">Crested Hair-grass (w)</a>
5	<a href="#">Phleum bertolonii</a>	<a href="#">Smaller Cat's-tail (w)</a>
80		

### Sowing Rates

**4gms/m2**

kg/ha	kg/acre	g/m <sup>2</sup>	Order Mixture
40	16	4	<a href="#">Order this mixture</a>

## Seeding Preparation

Prepare soil surface to create a medium tilth.

Sow in spring or autumn. Divide the quantity of seed and sow half in one direction over the entire area and the remainder at 90degrees.

Roll over seeded area, if possible, to give good soil/seed contact.

Aftercare as per Emorsgate recommendations