9784-R-01-D Denby Business Park

Planting Schedule

Relating to planting plans with drawing refs: 9784-L-02 to 9784-L-08 REV D

Woodland Mix (open space) Total Area = **49451** m²

Planted at 2m centres in irregular patterns (avoiding straight lines). Plantings will be grouped by species in random groups of 5, 7 or 9.

Number	Scientific Name	Common name	Percentage	Root/Pot	Size
618	*Acer campestre*	Field maple	5%	BR	60-80cm ht.
1236	*Alnus glutinosa*	Alder	10%	BR	60-80cm ht.
1236	*Betula pendula*	Silver birch	10%	BR	60-80cm ht.
1731	*Betula pubescens*	Downy birch	14%	BR	60-80cm ht.
495	*Euonymus europaeus*	European spindle	4%	BR	40-60cm ht.
618	*Ilex aquifolium*	Holly	5%	9cm	60-80cm ht.
618	*Quercus petraea*	Sessile oak	5%	BR	60-80cm ht.
124	*Quercus petraea*	Sessile oak	1%	BR	8-10cm girth
1236	*Quercus robur*	Common oak	10%	BR	60-80cm ht.
124	*Quercus robur*	Common oak	1%	BR	8-10cm girth
1236	*Salix caprea*	Goat willow	10%	BR	60-80cm ht.
618	*Sambucus nigra*	Elder	5%	BR	60-80cm
1236	*Tilia cordata*	Small-leaved lime	10%	BR	60-80cm ht.
1236	*Tilia platphyllos*	Large-leaved lime	10%	BR	60-80cm ht.

Wet Woodland Mix (in flood zones in open space) Total Area = **1879** m²

Planted at 2m centres in irregular patterns (avoiding straight lines). Plantings will be grouped by species in random groups of 5, 7 or 9.

Number	Scientific Name	Common name	Percentage	Root/Pot	Size
23	*Acer campestre*	Field Maple	5%	BR	60-80cm ht.
85	*Alnus glutinosa*	Alder	18%	BR	60-80cm ht.
9	*Alnus glutinosa*	Alder	2%	BR	8-10cm girth
56	*Betula pubescens*	Downy birch	12%	BR	60-80cm ht.
75	*Crataegus monogyna*	Hawthorn	16%	BR	60-80cm ht.
47	*Ilex aquifolium*	Holly	10%	9cm	60-80cm ht.
42	*Quercus robur*	Common oak	9%	BR	60-80cm ht.
5	*Quercus robur*	Common oak	1%	BR	8-10cm girth
9	*Rosa canina*	Dog rose	2%	9cm	40-60cm ht.
70	*Salix cinerea*	Grey willow	15%	BR	60-80cm ht.
47	*Sambucus nigra*	Elder	10%	BR	60-80cm

Woodland Edge Mix Total Area = **22412** m²

Planted at 1.5m centres in irregular patterns (avoiding straight lines). Plantings will be grouped by species in random groups of 3, 5 or 7.

Number	Scientific Name	Common name	Percentage	Root/Pot	Size
2017	*Alnus glutinosa*	Alder	20%	BR	60-80cm ht.
1009	*Corylus avellana*	Hazel	10%	BR	60-80cm ht.
2521	*Crataegus monogyna*	Hawthorn	25%	BR	60-80cm ht.
1009	*Ilex aquifolium*	Holly	10%	9cm	30-40cm ht.
1009	*Rhamnus frangula*	Alder buckthorn	10%	BR	60-80cm ht.
202	*Rosa canina*	Dog rose	2%	9cm	40-60cm ht.
1210	*Salix caprea*	Goat willow	12%	BR	60-80cm ht.
1109	*Viburnum opulus*	Guelder rose	11%	BR	60-80cm ht.

Native Hedgerow 1 (open space) Total Length = **990** m

Planted in a double staggered row with plants at 400mm centres and rows set 300mm apart.

Number	Scientific Name	Common name	Percentage	Root/Pot	Size
495	*Acer campestre*	Field maple	10%	BR	60-80cm ht.
495	*Cornus sanguinea*	Dogwood	10%	BR	60-80cm ht.
743	*Corylus avellana*	Hazel	15%	BR	60-80cm ht.
2475	*Crataegus monogyna*	Hawthorn	50%	BR	60-80cm ht.
149	*Ilex aquifolium*	Holly	3%	9cm	30-40cm ht.
99	*Lonicera periclynum*	Honeysuckle	2%	9cm	30-40cm ht.
248	*Prunus padus*	Blackthorn	5%	BR	60-80cm ht.
248	*Rosa canina*	Dog rose	5%	9cm	60-80cm ht.

Native Hedgerow 2 (along roadsides) Total Length = **1590** m

Planted in a double staggered row with plants at 400mm centres and rows set 300mm apart.

Number	Scientific Name	Common name	Percentage	Root/Pot	Size
1193	*Cornus sanguinea*	Dogwood	15%	BR	60-80cm ht.
4770	*Crataegus monogyna*	Hawthorn	60%	BR	60-80cm ht.
795	*Ilex aquifolium*	Holly	10%	9cm	30-40cm ht.
795	*Viburnum opulus*	Guelder rose	10%	9cm	30-40cm ht.
398	*Lonicera periclymenum*	Honeysuckle	5%	9cm	30-40cm ht.

Individual Trees

	Street Trees (along roadsides)	**Size**	**Size**	Height	
88	*Acer campestre* 'Lienco'	Field Maple	Heavy	350-400cm	12-14cm girth

Open Space Trees

48	*Quercus robur*	Common Oak	Extra Heavy	400-450cm	14-16cm girth
13	*Prunus avium*	Wild Cherry	Extra Heavy	400-450cm	14-16cm girth

Ornamental Trees/Shrubs (on-plot)

12	*Amelanchier lamarckii*	Snowy mespilus	Standard	250-300cm	8-10cm girth

Ornamental planting (on-plot) Total Area = **147** m²

plant 3 plants per m² in blocks of 5, 7, or 9 (60cm centres)

Number	**Scientific Name**	**Common name**	Percentage	**Root/Pot**	**Size**
71	*Ceanothus thyrsiflorus repens*	Creeping Ceanothus	16%	5L	30-40cm ht.
71	*Euonymus fortunei* 'Silver Queen'	Wintercreeper	16%	5L	20-30cm ht.
75	*Photinia x fraseri* 'Little Red Robin'	Photinia	17%	5L	30-40cm ht.
75	*Pittosporum tenuifolium* 'Golf Ball'	Pittosporum 'Golf Ball'	17%	5L	30-40cm ht.
75	*Sarcoccoca hookeriana* var. digyna	Sweet Box	17%	5L	40-60cm ht.
75	*Viburnum davidii*	David Viburnum	17%	5L	40-60cm ht.

Grassland

Proposed tall grassland/margins
Emorsgate EM3 - Special General Purpose Meadow Mix or similar approved. Approx. area = **5924** m²

Meadow Grassland to include Grass Vetchling (*Lathyrus nissolia*)
Emorsgate EM2 - Standard General Purpose Meadow Mix or similar approved. Approx. area = **96191** m²

Amenity Grassland
Emorsgate EG22 - Strong Lawn Grass Mixture or similar approved. Approx. area = **5257** m²

Seasonally Wet Grassland
Emorsgate EM8 - Meadow Mixture for Wetlands or similar approved. Approx. area = **23537** m²

Aquatic planting
Plug-planting of aquatic/emergent species Approx. area = **293** m²
Water Mint, Water Forget-me-not, Yellow Flag Iris, Arrowhead, Lesser Spearwort

OUTLINE ESTABLISHMENT

1) Materials and workmanship shall generally be in accordance with the following documents - BS3936 Nursery Stock and BS4428. Plant material to be the sizes and dimensions as stated in the schedule and shall be healthy with good fibrous root systems.

2) Site Preparation: Break up compacted soil to full depth for planting areas. Spread well-rotted organic material, subject to approval. Remove undesirable material brought to the surface. Apply approved herbicides as per manufacturer's guidelines to all areas to be seeded or planted and allow suitable time to elapse to ensure all weeds are dead before cultivation. Leave regular and even.

3) Planting to be carried out in appropriate planting season. Setting out of planted areas to be approved on site by Contract Administrator (CA). All tree and shrubs to be planted in good quality top soil @ 450mm depth. Grass and wildflower areas to be sown in existing weed free bare ground as per suppliers instructions.

4) Tree Planting: Extra Heavy, Heavy and Standard to be planted in tree pits @ 1000mm x 1000mm x 1000mm or at suitable size to accommodate root/container size. All Extra Heavy, Heavy and Standard trees to be supported by appropriate staking. All trees to be back filled with top soil and suitable organic material. All Extra Heavy and Standard trees to be protected by tree guards.

5) Mulch to be used on all planting beds and around trees.

6) All woodland, woodland edge and hedgerow planting to be appropriately supported and protected using appropriate guards.

OUTLINE MAINTENANCE

1) During this period any trees, shrubs or other plants that die, fail to show leaf or are below specification for any reason shall be replaced. All replacement stock shall comply with the original specification and be obtained from a reputable supplier.

2) Maintenance shall include weeding, watering, control of insects, fungus and other diseases by means of spraying with an approved insecticide or fungicide, pruning, adjustment and repair of tree stakes, ties and fencing and other horticultural operations necessary for the proper growth of the plants and to keep the area neat in appearance, including removal of litter.

3) Grass Areas: Maintain as per suppliers instructions. Keep weed free during first year of establishment. Water during periods of drought.