

M20 Junction 10a

TR010006

Appendix 2.2 Indicative Planting Schedule

APFP Regulation 5(2)(q)

Revision A

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009



Volume 6.3
July 2016

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Volume 6.3

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1. Indicative Planting Schedule

- 1.1.1 The following schedules are indicative only, to inform the preliminary level of design presented in the Environmental Masterplan contained in Figure 2.6 (Main Scheme) and Figure 2.7 (Alternative Scheme), Volume 6.2. The planting schedules below would be reviewed and refined as necessary as part of Detailed Design.

Table 1.1 Indicative trees, shrubs, woodland and hedgerow planting

Species - Botanical name	Species - Common Name	Root type and No. of times transplanted or pot size	Type	Height (m)	Girth (cm)	Density m/ctr	Plant in species groups of (No.)
Specimen Trees							
<i>Acer campestre</i>	Field Maple	Rootballed, 3x	Extra Heavy Standard	Min. 4.5	16 - 18	Spot Planted	1 to 3
<i>Acer pseudoplatanus</i>	Sycamore	Rootballed, 3x	Extra Heavy Standard	Min. 4.5	16 - 18	Spot Planted	1
<i>Alnus glutinosa</i>	Alder	Rootballed, 3x	Extra Heavy Standard	Min. 4.5	16 - 18	Spot Planted	1
<i>Larix decidua</i>	Larch	Rootballed, 3x	Extra Heavy Standard	Min. 4.5	16 - 18	Spot Planted	1
<i>Sambucus nigra</i>	Elder	Rootballed, 3x	Extra Heavy Standard	4.25 to 6	16 - 18	Spot Planted	1
<i>Sorbus aucuparia</i>	Rowan	Rootballed, 3x	Extra Heavy Standard	Min. 4.5	16 - 18	Spot Planted	1 to 3
<i>Taxus baccata</i>	Yew	Rootballed, 6x	-	3 to 4	-	Spot Planted	1
Native Shrub and Woodland Planting							
<i>Acer campestre</i>	Field Maple	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	3 to 5
<i>Acer pseudoplatanus</i>	Sycamore	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	1 to 3
<i>Betula pendula</i>	Silver birch	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	3 to 5
<i>Cornus sanguinea</i>	Dogwood	Bareroot	Transplant, 1+2	0.6 - 0.8	N/A	1.5	3 to 5
<i>Corylus avellana</i>	Hazel	Bareroot	Transplant, 1+2	0.6 - 0.8	N/A	1.5	3 to 5
<i>Crataegus monogyna</i>	Hawthorn	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	3 to 5
<i>Ilex aquifolium</i>	Holly	Container 2L	N/A	0.4 - 0.6	N/A	1.5	1 to 3
<i>Lonicera periclymenum</i>	Honeysuckle	Container 2L	N/A	0.6 - 0.8	N/A	1.5	3 to 5
<i>Malus sylvestris</i>	Crab Apple	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	1 to 3
<i>Prunus avium</i>	Bird cherry	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	1 to 3
<i>Prunus spinosa</i>	Blackthorn	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	3 to 5
<i>Quercus robur</i>	English Oak	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	1
<i>Rosa canina</i>	Dog Rose	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	1.5	3
<i>Rubus fruticosus</i>	Bramble	Container 2L	N/A	0.4 - 0.6	N/A	1.5	3 to 5
<i>Salix caprea</i>	Goat Willow	Bareroot	Transplant 0+1	0.6 - 0.8	N/A	1.5	1
<i>Viburnum opulus</i>	Guelder Rose	Bareroot	Transplant, 1+2	0.6 - 0.8	N/A	1.5	3 to 5
Hedgerow Planting - Planted in a double staggered row at 0.4m centres with 0.3							
<i>Acer campestre</i>	Field Maple	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	4	3 to 5
<i>Crataegus monogyna</i>	Hawthorn	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	4	3 to 5
<i>Clematis vitalba</i>	Clematis	Bareroot	Transplant, 1+0	0.5 - 0.6	N/A	4	3

Species - Botanical name	Species - Common Name	Root type and No. of times transplanted or pot size	Type	Height (m)	Girth (cm)	Density m/ctr	Plant in species groups of (No.)
<i>Corylus avellana</i>	Hazel	Bareroot	Transplant, 1+2	0.6 - 0.8	N/A	4	3 to 5
<i>Ilex aquifolium</i>	Holly	Container 2L	N/A	0.4 - 0.6	N/A	4	1 to 3
<i>Prunus spinosa</i>	Blackthorn	Bareroot	Transplant, 1+1	0.6 - 0.8	N/A	4	3 to 5

Table 1.2 Indicative and Typical Grass Seed Mixes

A18: (Road Verge and Embankments) - Seeding rate 35g/m²	
Grasses	30% <i>Festuca rubra</i> - Strong Creeping Red Fescue
	25% <i>Lolium perenne</i> - Perennial Ryegrass
	20% <i>Festuca brevipila</i> - Hard Fescue
	12.5% <i>Poa annua</i> - Smooth-stalked Meadow Grass
	7.5% <i>Agrostis capillaris</i> - (Highland) Browntop Bent
	2.5% <i>Trifolium repens</i> - Miniature White Clover
	2.5% <i>Agrostis capillaris</i> - Aber Royal)Browntop Bent
EM1: Basic General Purpose Meadow Mixture - Seeding rate 4g/m²	
Wild Flowers	0.5% <i>Achillea millefolium</i> - Yarrow
	4.5% <i>Centaurea nigra</i> - Common Knapweed
	3% <i>Galium verum</i> - Lady's Bedstraw
	1% <i>Leucanthemum vulgare</i> - Oxeye Daisy
	1% <i>Poterium sanguisorba</i> - Salad Burnet
	3% <i>Prunella vulgaris</i> - Selfheal
	5% <i>Ranunculus acris</i> - Meadow Buttercup
	0.5% <i>Rumex acetosa</i> - Common Sorrel
	1.5% <i>Silene dioica</i> - Red Campion
Grasses	8% <i>Agrostis capillaris</i> - Common Bent
	40% <i>Cynosurus cristatus</i> - Crested Dogstail
	28% <i>Festuca rubra</i> Slender - Creeping Red-fescue
	4% <i>Phleum bertolonii</i> - Smaller Cat's-tail
EM2: Standard General Purpose Meadow Mixture - Seeding rate 4g/m²	
Wild Flowers	0.5% <i>Achillea millefolium</i> - Yarrow
	4% <i>Centaurea nigra</i> - Common Knapweed
	2.5% <i>Galium verum</i> - Lady's Bedstraw
	1% <i>Leucanthemum vulgare</i> - Oxeye Daisy
	0.5% <i>Lotus corniculatus</i> - Birdsfoot Trefoil
	2% <i>Plantago lanceolate</i> - Ribwort Plantain
	0.5% <i>Plantago media</i> - Hoary Plantain
	0.2% <i>Primula veris</i> - Cowslip
	2% <i>Prunella vulgaris</i> - Selfheal
	4.2% <i>Ranunculus acris</i> - Meadow Buttercup
	1.5% <i>Rhinanthus minor</i> - Yellow Rattle
	1% <i>Rumex acetosa</i> - Common Sorrel
	0.1% <i>Trifolium pratense</i> - Wild Red Clover
Grasses	8% <i>Agrostis capillaris</i> - Common Bent
	40% <i>Cynosurus cristatus</i> - Crested Dogstail
	28% <i>Festuca rubra</i> - Slender-creeping Red-fescue
	4% <i>Phleum bertolonii</i> - Smaller Cat's-tail
EG1: General Purpose Meadow Grass Mixture - Seeding rate 5g/m²	
Grasses	10% <i>Agrostis capillaris</i> - Common Bent
	50% <i>Cynosurus cristatus</i> - Crested Dogstail
	35% <i>Festuca rubra</i> - Slender-creeping Red-fescue
	5% <i>Phleum bertolonii</i> - Smaller Cat's-tail
EG11: Wild Meadow Grass Mixture - Seeding rate 5g/m²	
Grasses	10% <i>Agrostis capillaris</i> - Common Bent

	5% Anthoxanthum odoratum - Sweet Vernal-grass
	5% Briza media - Quaking Grass
	30% Cynosurus cristatus - Crested Dogstail
	15% Festuca ovina - Sheep's Fescue
	20% Festuca rubra - Red Fescue
	10% Phleum bertolonii - Smaller Cat's-tail
	5% Trisetum flavescens - Yellow Oat-grass