

WPE-MAL-XX-XX-SH-L-0903

our ref: LSTO005 Planting Schedule

LSTO005

PLANTING SCHEDULE

FOR WORKS AT THE PROPOSED WHITE PINES EAST DEVELOPMENT AT STOCKING AVENUE

19.02.2021

Species highlighted in green have been chosen specifically from the 'All Ireland Pollinator Plan' and will form the majority of the planting scheme. The remaining species provide benefits in other aspects i.e. sensory, native etc. The Planting Schedule has been designed in line with the project Ecologist where species were selected to promote and enhance biodiversity (native seeds, fruits and pollinator friendly species).

TREE PLANTING		
Street Tree Planting		
<i>On minimum depth of 1.2m cu topsoil. All trees to be springring or containerised for out of season planting. See Planting Details. See Landscape Specification. 75mm mulch applied continuously</i>		
No.	Species	Specification
	Aesculus hippocastanum	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Alnus glutinosa	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Amelanchier x grandiflora 'Robin Hill'	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Amelanchier x grandiflora 'Robin Hill'	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Betula albosinensis 'Fascination'	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Betula pendula	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Crataegus monogyna 'Stricta'	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Liriodendron tulipifera	Min Girth 18-20cm, Min Ht. 4.5-5m, Min 2m Clearstem, RB
	Prunus avium	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Malus tschonoskii	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Prunus serrula	Min Girth 18-20cm, Min Ht. 4.5-5m, Min 2m Clearstem, RB
	Pinus Sylvestris	Min Girth 18-20cm, Min Ht. 3-3.5m, Min 2m Clearstem, RB
	Pyrus calleryana 'Chanticleer'	Min Girth 18-20cm, Min Ht. 4.5-5m, Min 2m Clearstem, RB
	Robinia pseudoacacia - False Acacia	Min Girth 18-20cm, Min Ht. 4.5-5m, Min 2m Clearstem, RB
	Salix aegyptiaca	16-18cmg, min.450, min.200, rb
	Salix alba 'Liempde'	16-18cmg, min.450, min.200, rb
	Sorbus acuparia	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Tillia cordata 'Greenspire'	Min Girth 18-20cm, Min Ht. 4.5-5m, Min 2m Clearstem, RB
Open Space Tree Planting		
<i>On minimum depth of 1.2m cu topsoil. All trees to be springring or containerised for out of season planting. See Planting Details. See Landscape Specification. 75mm mulch applied continuously</i>		
	Aesculus hippocastanum	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Amelanchier x grandiflora 'Robin Hill'	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Betula albosinensis fascination	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Betula pendula	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
	Catalpa bignonioides	16-18cmg, min.450, min.200, rb
	Malus tschonoskii	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy

	Prunus avium	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Prunus padus	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Prunus serrulata 'Tai Haku'	Multi-stem (min.3 stems emerging from base), 2.5-3m high, full balanced canopy
	Pyrus calleryana 'Chanticleer'	16-18cmg, min.450, min.200, rb
	Quercus robur	16-18cmg, min.450, min.200, rb
	Salix aegyptiaca	16-18cmg, min.450, min.200, rb
	Salix alba 'Liempde'	16-18cmg, min.450, min.200, rb
	Tilia x europea	Min Girth 18-20cm, Min Ht. 4.5m, Min 2m Clearstem, RB
ORNAMENTAL PLANTING MIX		
<i>On minimum depth of 450mm topsoil. 75mm mulch applied continuously.</i>		
No.	Species	Specification
	Achillea 'Moonshine'	cg, 2Lt pot,
	Aconitum carmichaelii	cg, 2Lt pot,
	Anemone Honorine Jobert	cg, 1Lt pot, planted at 12no. per m2
	Anemone 'Splendens'	cg, 2Lt pot,
	Arbutus unedo	cg, 2Lt pot,
	Armeria juniperifolia	cg, 2Lt pot,
	Calamagrostis 'Karl Foerster'	cg, 2Lt pot,
	Campanula poscharskyana	cg, 2Lt pot,
	Cornus kousa chinensis	cg 10L pot, (specimen shrub)
	Delphinium elatum	cg, 2Lt pot,
	Dryopteris felix-mas	cg, p9 pot, planted at 5no. per m2
	Echinacea purpurea	cg, 2Lt pot,
	Erysimum 'Bredon'	cg, 2Lt pot,
	Euphorbia cornigera	cg, 2Lt pot,
	Geranium	cg, 2Lt pot,
	Helianthus x laetiflorus	cg, 2Lt pot,
	Helleborus	cg, 2Lt pot,
	Hydrangea quercifolia	cg, 10L pot, (specimen shrub)
	Kniphofia 'Ice Queen'	cg, 2Lt pot,
	Libertia formosa	cg, 2Lt pot,
	Libertia grandiflora	cg, 2Lt pot, planted at 5no. per m2
	Miscanthus sinensis 'Graziella'	cg, 2Lt pot, planted at 5no. per m2
	Nepeta x faassenii	cg, 2Lt pot,
	Nepeta 'Six Hills giant'	cg, 2Lt pot,
	Osteospermum ecklonis	cg, 2Lt pot,
	Pennisetum alopecuroides	cg, 2Lt pot,
	Persicaria affinis 'Superba'	cg, 2Lt pot, planted at 5no. per m2
	Prunus laurocerasus 'Zabeliana'	cg, 2Lt pot, planted at 4no. per m2
	Salvia nemerosa	cg, 2Lt pot,

	Salvia x sylvestris 'Mainacht'	cg, 2Lt pot, planted at 5no. per m2
	Sarcococca hookeriana	cg, 2Lt pot,
	Sedum telephium	cg, 2Lt pot,
	Viburnum plicatum 'Mariesii'	cg10L pot, (specimen shrub)
	Viburnum tinus	cg, 2Lt pot,
	Vinca balcanica	cg, 2Lt pot, planted at 6no. per m2
FORMAL HEDGE PLANTING		
No.	Species	Specification
	Carpinus betulus	Min 90-120cm High. Planted in a double staggered row. 5 per linear m, br
	Fagus sylvatica	Min 60-80cm High. Planted in a double staggered row. 5 per linear m
	Prunus lusitanica	Min 30-60cm High. Planted in a double staggered row. 5 per linear m, br
CLIMBERS		
	Parthenocissus tricuspidata	Min 90-120cm High. Planted at 3m centres with support stake and trellis along retaining walls
BOUNDARY/ WOODLAND PLANTING AND REINFORCEMENT		
No.	Species	Specification
	Borage officinalis	
	Cornus canadensis	cg, 2Lt pot
	Corylus avellana	Min Girth 14-16cm, Min Ht. 3- 4.5m, Min 2m Clearstem, RB, 3xTransplanted
	Corylus avellana	1.75-2m,
	Corylus colurna	Min Girth 14-16cm, Min Ht. 3- 4.5m, Min 2m Clearstem, RB, 3xTransplanted
	Corylus colurna	1.75-2m,
	Crataegus monogyna	1.75-2m,
	Hedera helix	cg, 2Lt pot
	Hesperis natronalis	cg, 2Lt pot
	Ilex aquifolium	1.75-2m,
	Jasminium officinale	cg, 2Lt pot
	Ligustrum vulgare	1.75-2m,
	Lonicera	cg, 2Lt pot
	Matthiola bicornis	cg, 2Lt pot
	Melissa officinalis	cg, 2Lt pot
	Nicotiana affinis	cg, 2Lt pot
	Oenothera biennis	cg, 2Lt pot
	Origanum vulgare	cg, 2Lt pot
	Petasites hybridus	cg, 2Lt pot
	Prunus avium	Min Girth 30-35cm, Min Ht. 6- 6.5m, Min 2m Clearstem, RB, 4xTransplanted, 100cm RB

	Prunus avium	1.75-2m, 1.75-2m,
	Prunus spinosa	1.75-2m,
	Quercus robur	Min Girth 30-35cm, Min Ht. 6- 6.5m, Min 2m Clearstem, RB, 4xTransplanted, 100cm RB
	Quercus robur	1.75-2m,
	Rosa canina	cg, 2Lt pot
	Rubus fruticosus	1.75-2m,
	S. noctiflora	cg, 2Lt pot
	S. vulgaris	cg, 2Lt pot
	Salix fragilis	1.75-2m,
	Sambucus nigra	1.75-2m,
	Sambucus nigra	cg, 2Lt pot
	Saponaria officinalis	cg, 2Lt pot
	Silene nutans	cg, 2Lt pot
	Sorbus aucuparia	Min Girth 30-35cm, Min Ht. 6- 6.5m, Min 2m Clearstem, RB, 4xTransplanted, 100cm RB
	Sorbus aucuparia	1.75-2m,

SPRING BULB PLANTING

Topsized bulbs, planted in bands and naturalistic flowing drift formations as directed by Landscape Architect on site. To be planted in same species groups of min. 30 plants. No lines; random pattern, evenly spaced.

No.	Species	Specification
	Allium	See above
	Anemone nemerosa	See above
	Colchicum	See above
	Crocus spp.	See above
	Galanthus nivea	See above
	Muscari armeniacum	See above
	Narcissus pseudonarcissus	See above

GRASS SEEDING

The germination capacity of each constituent of the mixture should be not less than 80%, and the purity of the mixture not less than 90%. Total weed seed content should not be more than 0.5% and the total content of other crop seeds should not be more than 1%. The seed is to be thoroughly re-mixed before sowing to avoid patchiness on the ground. On min depth of 250mm topsoil. Above free draining de-compacted subsoil.

Common Name	Density	Quantity
'Coburns Urban Parks mix'	35-50 grams per m ²	

WILDFLOWER MIX

*Design by Nature Species Rich Amenity Grassland (Or similar as approved) Product Code: EC09
Product Name: Species Rich Amenity Grassland (After the Heritage Council list of Grassland Classification)
This is a very specific mixture of the most beautiful flora ideally suited to the improved soils found in parklands and rolling countryside.*

This mixture has been the constant favourite of County Councils, park managers and nature conservationists. It can be sown with or without grass, and can be managed in many different ways, left tall, cut short or given mixed and varied management.

Name	Density	Quantity
Species Rich Amenity Grassland ; EC09	4 grams per m ²	

SHORT GRASS MEADOW MIX

To be sown on borders of kick-about open space areas as per the wildflower spec above.

	Name	
	Ajuga reptans	
	Campanula rotundifolia	
	Dipsacus fullonum	
	Lotus corniculatus	
	Mullein	
	Potentilla erecta	
	Primula veris	
	Prunella vulgaris	
	Ranunculus repens	
	Trifolium pratense	
	Trifolium repens	
	Thymus serpyllum	
	Veronica chamaedrys	

LONG GRASS MEADOW MIX

To be included in the wildflower meadow mix if not already present

	Name	
	Achillea	
	Agrimonia	
	Centaurea nigra	
	Cirsium arvense	
	Cirsium vulgare	
	Daucus carota	
	Dipsacus fullonum	
	Hypochaeris radicata	
	Knautia arvensis	
	Lathyrus pratensis	
	Leucanthemum vulgare	
	Mullein	
	Origanum vulgare	
	Ranunculus acris	
	Rhinanthus	
	Scabiosa	
	Scorzoneroide autumnalis	
	Solidago	
	Succisa pratensis	
	Vicia sativa	

WOODLAND MEADOW MIX

To be sown to the entire boundary of the site in the woodland zone as per the wildflower spec above.

	Name	
	Allium ursinum	
	Brassica	
	Chamaenerion angustifolium	
	Digitalis purpurea	
	Fragaria vesca	
	Ficaria verna	
	Galium verum	
	Geranium robertianum	
	Hyacinthoides non-scripta	
	Lamium	
	Reseda luteola	
	Silene dioica	
	Stachys sylvatica	
	Vicia sativa ssp. Segetalis	