

Landscape Masterplan | Con Smith Park, Cavan

Landscape Key

- **North**
As per arrow
- **Limestone Natural Paving**
Area of natural stone paving at entrance to park.
- **Contour Lines**
Approx 0.5m contour lines to create mounds and islands within park.
- **Boundary Fencing**
1.2m high green v-mesh fencing, to be installed as per manufacturers recommendation.
- **Native Hedgerow Mix (Ref1)**
To front of boundary fencing, see schedule for further details.
- **Native Meadow Grasslands (Ref5)**
See schedule for further details.
- **Pollinator Planting Islands (Ref7)**
Areas of bulb planting, see schedule for further details.
- **Woodland Understory Planting (Ref2)**
Groundcover planting mix, see schedule for further details.
- **Fern & Grass Islands (Ref6)**
Biodiversity planting beds, see schedule for further details.
- **Footpaths**
Ballylusk gravel pathways around park
- **Mown Footpaths**
Mown footpaths within native meadows
- **Existing Trees**
To be retained where possible, thinned or replanted.
- **Proposed Woodland Planting (Ref2)**
See schedule for details
- **Proposed Birch Planting (Ref3)**
See schedule for details
- **Proposed Entrance Trees (Ref4)**
See schedule for details

Example Planting Images

Native hedge planting mix as per planting schedule.



Woodland Planting (groundcover)



Corylus avellana



Euonymus europaeus



Dryopteris filix-mas



Luzula sylvatica



Sarcococca confusa



Carex pendula

Native Woodland Trees



Quercus robur



Sorbus aucuparia



Pinus sylvestris



Betula pubescens



...Autumn colour



Prunus avium 'Plena'

Planting Schedule

Mixed Hedge Planting						
	Name	Common	Size Height	Density %	Type	Quantity
Ref1	Botanical Name					
	Boundary with residents (300 lin.m)					
	<i>Crataegus monogyna</i>	Hawthorn	60-90cm	30%	BR	399
	<i>Prunus spinosa</i>	Blackthorn	60-90cm	20%	BR	266
	<i>Corylus avellana</i>	Hazel	60-90cm	20%	BR	266
	<i>Ilex aquifolium</i>	Holly	60-90cm	10%	BR	133
	<i>Malus sylvestris</i>	Crab Apple	60-90cm	10%	BR	133
	<i>Euonymus europaeus</i>	Spindle	60-90cm	10%	BR	133
Total						1330
Planted in a staggered double row 450mm between plants and 250mm between rows where possible. Complete base of hedge to be mulched with 75mm chipped bark mulch to control weeds and allow establishment.						

Tree Planting						
Ref2	Additional Woodland Trees					
	Name		Size			
	Botanical Name	Common	Girth Height	Type	Quantity	Form
	<i>Quercus robur</i>	Oak	20-25cm	RB	10	
	<i>Sorbus aucuparia</i>	Rowan	16-18cm	RB	15	
Ref3	Birch Cluster Planting					
	Name		Size			
	Botanical Name	Common	Girth Height	Type	Quantity	Form
	<i>Betula pubescens</i>	Downy Birch	16-18cm	RB	30	Feathered
Ref4	Entrance Feature Trees					
	Name		Size			
	Botanical Name	Common	Girth Height	Type	Quantity	Form
	<i>Prunus avium 'Plena'</i>	Wild Cherry	2.5-3m	RB	2	Multistem

Ref 5 Grass/Meadow Areas - Wetland Wild Flora (Seasonally Flooded)	
Native Origin Irish Wildflower Seed Mixtures: Ecotype Range	
Code EC05 Wetland Wild Flora (Seasonally Flooded): Devils Bit Scabious, Common Sorrel, Cowslip, Fleabane*, Greater Trefail*, Hemp Agrimony, Lesser Knapweed, Marsh , Ginkgofoil, Marsh Marigold, Meadow Buttercup, Meadowsweet, Meadow Rue, Oxeye Daisy, Purple Loosetrife, Ragged Robin, Red Clover, Red Rattle, Ribwort Plantain, Selfheal, Sneezewort*, Tufted Vetch, Water Avens*, Wild Angelica, Wild Valerian, Yarrow, Yellow Flag Iris, Yellow Rattle, Red Rattle*	
Seed Mixture Specifications: Total number of seeds per gram: 2450. Native Irish Origin, Wildflower Seed Mixture. EC05 Suitable for soil type: All types of wet soil Clay, Loam, Sand, Heavy Soil, and Peat, as long as it remains wet throughout the year, but not raised Peat Bog., Moisture Level: Moist, Very wet or flooded. pH Range: Best between 5.5 - 7.5	

Ref6 Woodland Planting Mix				
A mixture of natural and spreading grasses/ferns within large drift/shapes.				
Ref6	Name		Size	
	Botanical Name	Spec	Height	Quantity
	<i>Corylus avellana</i>	Multistem	1.5-1.75m	50
Ref6	Botanical Name	Spec	Pot	Density
	<i>Dryopteris filix-mas</i>		2L	3 per/m
	<i>Luzula sylvatica</i>		2L	3 per/m
	<i>Luzula multiflora</i>		2L	3 per/m
	<i>Sarcococca confusa</i>		2L	3 per/m
	<i>Carex pendula</i>		2L	3 per/m
Ref2 Woodland Bulb Planting				
To open meadow lands				
Ref2	Name			
	Botanical Name	Common	Size	Density
	<i>Hyacinthoides non-scripta</i>	Bluebell	Size 7/8	45000
	<i>Anemone Blanda</i>	Wood Anemone	Size 4/5	60000
	<i>Galanthus Nivalis</i>	Snowdrop	Size 4/5	30000

Ref7 Pollinator Bulb Planting				
To open meadow lands				
Ref7	Name			
	Botanical Name	Common	Size	Density
	<i>Crocus Specie Mixed</i>	Crocus	Size 5/7	80/sqm
	<i>Narcissus Specie Mixed</i>	Daffodil	Size 10/12	40/sqm
	<i>Narcissus poeticus recurvus</i> 'Pheasant Eye'		Size 12/14	20/sqm
	<i>Tulipa bakeri</i> 'Lilac wonder'	Tulip	Size 5/6	15/sqm
	<i>Tulipa clusiana chrysantha</i>		Size 6/7	15/sqm
	<i>Anemone Blanda</i>	Wood Anemone	Size 4/5	40/sqm
	<i>Camassia esculenta quamash</i>		Size 5/6	40/sqm
	<i>Allium sphaerocephalon</i>	Drumsticks	Size 6/7	37500
	<i>Allium caeruleum</i>	Blue Onion	Size 4/5	30/sqm
				22500

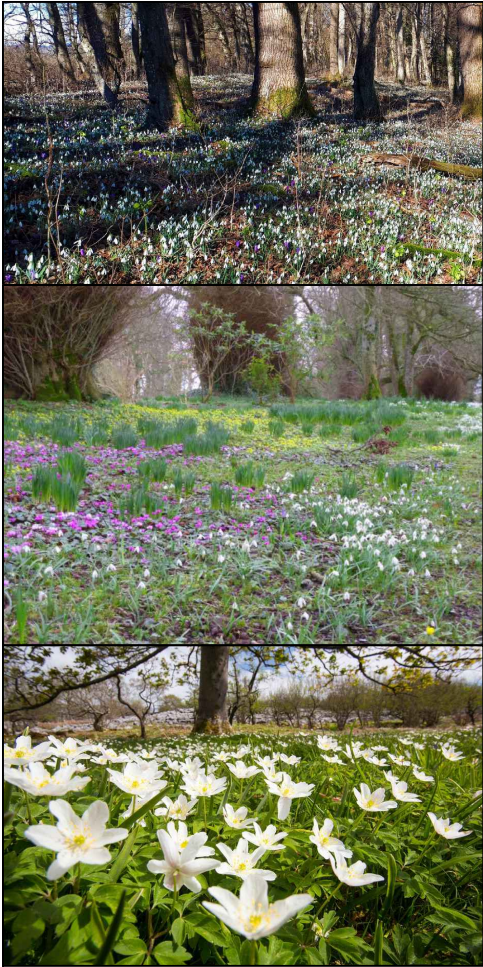
Woodland Planting

Existing woodland mix to be thinned and invasive species removed where needed to create an open woodland walk. New native species to be planted to create a natural woodland planting.



Bulb Planting Mix

A mixture of bulb planting to wooded and open areas to provide pollinator spaces and create seasonal interest.



Wildflower Meadows

Footpaths mown into open green areas to create routes through the different biodiversity spaces.



Raised Planting Beds

Two feature raised corten steel beds at entrance to create a focal point at entrance to park. Planters filled with pollinator planting to introduce the biodiversity theme.

