



**KEY**

- Site Boundary
- Existing grassland to be managed through twice yearly mowing
- Root Protection Area Refer to Arboriculturalist Drawing
- Existing Tree to be Retained Refer to Arboriculturalist Drawing
- Existing Tree to be Removed Refer to Arboriculturalist Drawing
- Proposed Tree - Medium sized trees; native species
- Acer campestre
- Betula pendula
- Quercus robur
- Prunus padus
- Tilia cordata
- Proposed Tree - Small, pollinator species
- Acer griseum
- Betula utilis var. jacquemontii 'Doorenbos'
- Rhus typhina
- Amelanchier x grandiflora 'Robin Hill'
- Proposed Tree - Medium sized, providing focal point
- Liriodendrom tulipifera
- Pinus sylvestris
- Proposed Grass - Short mown
- Proposed - bulb planting into wildflower refer planting schedule
- Proposed swales with flowering lawn mixture, refer to planting schedule
- Proposed SuDS Detention Basin - erosion resistant grass mixture to SuDS, refer to planting schedule
- Proposed Shrub planting mix, refer to planting schedule
- Proposed Hedge planting, refer to planting schedule

**PLANTING SCHEDULE**

Medium sized tree										
Species(Tree#)	Girth / Form / Height	% in mix	Planting Density	Total No.	Comments	Management year 1-5	Management year 5-10			
Acer campestre	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		18	Trees to be planted as shown on planting plan; all trees to be staked	Defective (dead or dying) plants to be replaced after year 1. Monthly tasks. Trees stakes/ties to be checked. Water weekly during dry weather. Weed removal at base of tree. Fertilise at base of tree. After 3 years tree ties and staking to be removed.				
Betula pendula	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		4						
Tilia cordata	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		31						
Prunus padus	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		9						
Quercus robur	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		5						
67										
Small Ornamental tree planting										
Species(Tree#)	Girth / Form / Height	% in mix	Planting Density	Total No.	Comments	Management year 1-5	Management year 5-10			
Amelanchier x grandiflora 'Robin Hill'	12-14 cm (Standard Tree), min 4m in height	as shown on drawing		10	Trees will grow to a maximum of 8m. They will ensure there is no conflict with nearby buildings and services.	Defective (dead or dying) plants to be replaced after year 1. Monthly tasks. Water weekly during dry weather. Weed removal at base of tree. Fertilise at base of tree. After 3 years tree ties and staking to be removed.				
Betula utilis var. jacquemontii 'Doorenbos'	12-14cm, Multi stem	as shown on drawing		17						
Rhus typhina	12-15 cm Large shrub / small tree	as shown on drawing		9						
Acer griseum	12-14cm, Multi stem	as shown on drawing		39						
76										
Feature tree planting, providing focal point										
Species(Tree#)	Height	% in mix	Planting Density	Total No.	Comments	Management year 1-5	Management year 1.5 - 5			
Liriodendrom tulipifera	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		4	Trees to be planted as shown on planting plan; trees to be staked	Defective (dead or dying) plants to be replaced after year 1. Monthly tasks. Water weekly during dry weather. Weed removal at base of tree. Fertilise at base of tree. After 3 years tree ties and staking to be removed.				
Pinus sylvestris	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing		5						
11										
Hedge Planting										
Species	Height	% in mix	Planting Density	Total Length (m)	Total No.	Comments	Management year 1-5	Management year 5-10		
Fagus sylvatica	90-90cm, BR	5		520	2600	Low-Medium height shrubs. Plants Height 90-100cm, 2L min. pot size and planted at 5m unless specified.	Defective (dead or dying) plants to be replaced after year 1. Monthly tasks. Water weekly during dry weather. Weed removal at base of whip/shrub. Fertilise at base of whip/shrub.	Every 3 years. Plant to be thinned, pruned 1.2m in height.		
2600										
Low/medium Shrub planting to front gardens and public open space										
Species (pollinator species)	Height	% in mix	Planting Density	Total Area (m2)	Total No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5		
Cornus alba Sibirica	40-60cm shoot length/2L pot	15	3	602	226	To be planted in groups of 3-5 of same species	Note - Establishment Maintenance to be 18 months after end of Defects Liability Period. Defective (dead or dying) plants to be replaced at end of Establishment Maintenance Period. Monthly tasks during Establishment Maintenance Period. Water weekly during dry weather. Weed removal at base of shrub or tree. Bark mulch to be applied to beds.	Every year. Cornus to be pruned to ground in alternate years. Flower crowding of shrub bed has occurred then alternate shrubs to be removed. Top up bark mulch after 3 years.		
Cotoneaster horizontalis 'Adcock Gold'	40-60cm shoot length/2L pot	25	3	377	377					
Miscanthus sinensis 'Zebrina'	40-60cm shoot length/2L pot	15	3	226	226					
Hebe 'Midnight Sky/Lowland'	40-60cm shoot length/2L pot	25	3	377	377					
Viburnum davidii	40-60cm shoot length/2L pot	20	3	301	301					
1506										
Low growing wildflower mixture to swale										
Species	Sowing Rate	Total Area (m2)	Total No. (g)	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5				
Wild flower mix MAS-WMEAD12	Sowing rate 1.5g/m <sup>2</sup> perm, 15 kilos per Ha	597	760.5	To be planted in groups of 3-5 of same species						
597 760.5										
Bulb planting into native wildflower meadow seed mix										
Species	Height	% in mix	Planting Density (no/m2)	Total Area (m2)	No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5		
Camassia quamash	standard bulb size	15	10	627	941	Bulbs to be thinned and planted where they fall.	Plants to be left unmown until bulb foliage has started to die back in June.			
Allium christophii	standard bulb size	15	10	627	941					
Scilla sibirica	standard bulb size	10	20	1254	1254					
Galanthus nivalis	standard bulb size	10	20	1254	1254					
Crocus spp (mixed purple and yellow)	standard bulb size	15	10	627	941					
Narcissus poeticus	standard bulb size	15	10	627	941					
Narcissus 'Empress of Ireland'	standard bulb size	20	10	1254	1254					
Total No. 10346										
Native wildflower seeding for bulb planting areas										
Species	% in mix	Sowing density (g/m2)	Total Area (m2)	Total No. (g)	Comments	Establishment Maintenance Period 18 months	Management year 5-10			
Biodiverse grass mix, Calcareous Sods MAS-WMEAD12, supplier Meadows.ie	100	627			Establishment cut to 10cm, in spring, cut again in Sept-Oct. Cuttings to be removed and composted		Cut in September-October. Cuttings to be removed and composted			
MAS-WMEAD12	100	4	2508							



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Project **Hayestown Residential Development**

Title **Landscape Masterplan for O'Brain Beary Architects**

Client **O'Brain Beary Architects**

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