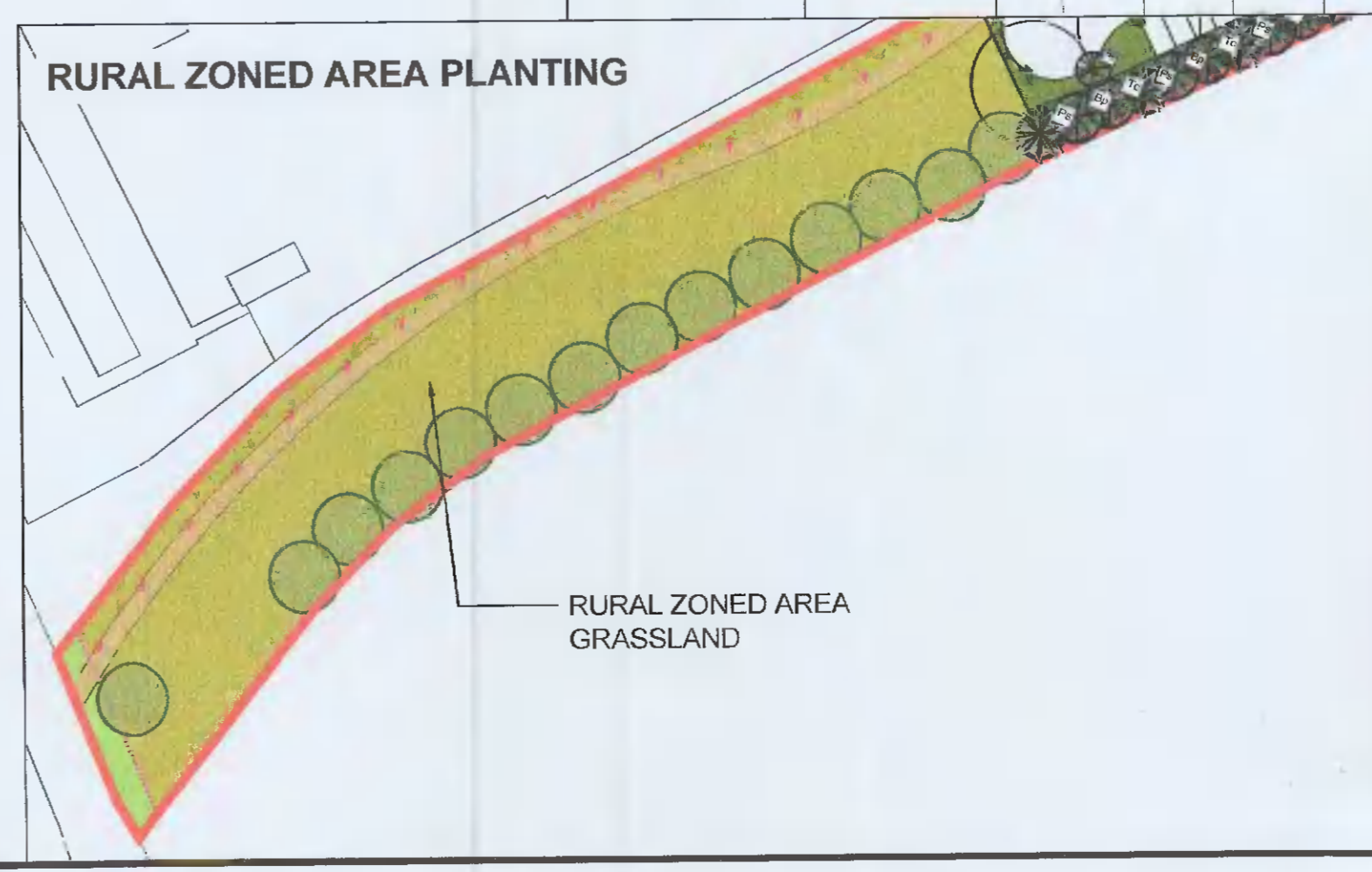




PLANTING SCHEDULE									
Screening planting along the boundaries									
Trees	Code	Planting Density	No.	Comments	Management year 1-5	Management year 5-10			
<i>Tilia cordata</i> 'Greenspire'	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing	67	Trees to be planted at 4m centres, all trees to be shaded. Planting timing: October to February, while the soil weather conditions allow.	Defoliate (dead or dying) plants to be replaced after year 1. Monthly tasks: If cover crowding of tree crown has occurred then alternate trees to be coppiced to a height of 1m above ground level. Weed removal at base of tree.	Every 3 years. Trees to be thinned and pruned. If cover crowding of tree crown has occurred then alternate trees to be coppiced to a height of 1m above ground level. The first and staking to be removed.			
<i>Betula pubescens</i>	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing	73						
<i>Prunus padus</i>	16-18cm (Advanced Heavy Standard), min 4m in height	as shown on drawing	26						
<i>Pinus sylvestris</i>	16-18cm (Advanced Heavy Standard), min 3m in height	as shown on drawing	43						
<i>Alnus glutinosa</i>	16-18cm (Extra Heavy Standard), min 3m in height	as shown on drawing	12						
<i>Salix alba</i>	16-18cm (Extra Heavy Standard), min 3m in height	as shown on drawing	24						
243									
Native Shrub planting Mix 1									
Height	% in	Planting Density (no./m ²)	Total Area (m ²)	Total No.	Comments	Management year 1-5	Management year 5-10		
60-90cm/HR (1+1)	15	6	697	627	To be planted in groups of 3-5 of same species.	Establishment Maintenance to be 18 months after end of Defoliation Period. Defoliate (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 plants at end of year 1. Bark mulch to be applied to beds.	Every year. Care to be given to ground in alternate years. If cover crowding of shrub has occurred then alternate trees to be coppiced to a height of 1m above ground level. Top up bark mulch after 3 years.		
<i>Cotoneaster conspicuus</i>				1255					
<i>Salix repens</i>				418					
<i>Ribes nigra</i>				418					
<i>Viburnum dentatum</i>				418					
<i>Viburnum opulus</i>				418					
4181									
Gap filling planting Mix 2									
Trees	Height	% in	Planting Density (no./m ²)	Total Area (m ²)	Total No.	Comments	Management year 1-5	Management year 5-10	
<i>Alnus glutinosa</i>	40-60cm/HR	10	0.66	426	294	To be planted in groups of 3-5 of same species. Double row at 4m centres. Rows 3m apart. Planting timing: October to February, while the soil weather conditions allow. Establishing with wire with three strands with #16-guards.	Establishment Maintenance to be 18 months after end of Defoliation Period. Defoliate (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 plants at end of year 1. Bark mulch to be applied to beds.	Every 3 years. Trees to be thinned and pruned. If cover crowding of tree crown has occurred then alternate trees to be coppiced to a height of 1m above ground level. Tree ties and staking to be removed.	
<i>Corylus avellana</i>	40-60cm/HR	15	0.66	426	294				
<i>Prunus padus</i>	40-60cm/HR	10	0.66	426	294				
<i>Pinus sylvestris</i>	40-60cm/HR	10	0.66	426	294				
<i>Salix alba</i>	40-60cm/HR	10	0.66	426	294				
2840									
Formal and ornamental tree planting at carpark and traffic road									
Trees	Code	% in	Planting Density	Total No.	Comments	Management year 1-5	Management year 5-10		
<i>Amelanchier x grandiflora</i> 'Robin Hill'	16-18cm (Advanced Heavy Standard), min 2.2m in height	as shown on drawing	8	8	All trees to be staked. Planting timing: October to February, while the soil weather conditions allow. Tree canopy to be raised to 2.5m for trees with visibility splays of junctions.	Establishment Maintenance to be 18 months after end of Defoliation Period. Defoliate (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 plants at end of year 1. Bark mulch to be applied to beds.	Every 3 years. Trees to be thinned and pruned. If cover crowding of tree crown has occurred then alternate trees to be coppiced to a height of 1m above ground level. Tree ties and staking to be removed.		
<i>Pinus sylvestris</i>	16-18cm (Advanced Heavy Standard), min 2.2m in height	as shown on drawing	3	3					
<i>Betula pendula</i>	16-18cm (Advanced Heavy Standard), min 2.2m in height	as shown on drawing	0	0					
<i>Alnus glutinosa</i>	16-18cm (Advanced Heavy Standard), min 2.2m in height	as shown on drawing	3	3					
22									
Native hedge planting, (All native and pollinator species)									
Trees	Height	% in	Planting Density	Total No.	Comments	Management year 1-5	Management year 5-10		
<i>Cotoneaster conspicuus</i>	60-90cm/HR (1+1)	10	3	475	Hedge species to be planted in 2 staggered rows, 1m between rows, in groups of 5 of same species.	Establishment Maintenance to be 18 months after end of Defoliation Period. Defoliate (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 plants at end of year 1. Bark mulch to be applied to beds.	Outward growing branches to be cut into the support frame.		
<i>Prunus spinosa</i>	60-90cm/HR (1+1)	10	3	140					
<i>Rosa canina</i>	60-90cm/HR (1+1)	10	3	140					
<i>Acer campestre</i>	60-90cm/HR	20	3	280					
<i>Ilex aquifolium</i>	60-90cm/HR	10	3	140					
<i>Corylus avellana</i>	60-90cm/HR	20	3	280					
1400									
Wild Flower Meadow									
Planting	Planting Rate	% mix	Sowing density (g/m ²)	Total Area (m ²)	Total No.	Comments	Establishment Maintenance Period	Management year 1-5	Management year 5-10
Wild flower mix: ECOS Species Pack. Amenity Grassland (100% Flora) from Organic Matter or similar approved.	Sowing rate: 1.5g/m ² per 10m ² , 15.5kg per Ha	100	1.5	633	633	Wildflower seed mix to be sown on subsoil, where soil fertility is low. Prepare the soil and sow when the conditions allow. Sow on 15th April and in spring/early autumn as soon as the soil is not waterlogged. In year 1, when it reaches an average height of 25-30cm, cut to a height of 10cm. Remove all debris. During establishment and in regular (occasionally once every 2 years) during maintenance.	Establishment Maintenance Period 18 months	Management year 1-5	Management year 5-10
1400									
Grass areas on site									
Planting	Planting Rate	% mix	Sowing density (g/m ²)	Total Area (m ²)	Total No.	Comments	Establishment Maintenance Period	Management year 1-5	Management year 5-10
Pro-Master 51, supplier DLF Seeds	Sowing rate: 25g/m ²	100	25	41	41	Establishment period from turf, until established. Regular cuts to 40mm.	Establishment Maintenance Period 18 months	Management year 1-5	Management year 5-10
1661									
Rural Zoned Grass/Wildflower Mix									
Planting	Planting Rate	% mix	Sowing density (g/m ²)	Total Area (m ²)	Total No.	Comments	Establishment Maintenance Period	Management year 1-5	Management year 5-10
Traditional Irish Wildflower Meadow. Supplier: Wildflowers.ie or similar	Sowing rate: 1.5g/m ² per 10m ² , 15.5kg per Ha	100	1.5	2313	634	Prepare the soil and sow when the conditions allow. Sow on 15th April and in spring/early autumn as soon as the soil is not waterlogged. In year 1, when it reaches an average height of 25-30cm, cut to a height of 10cm. Remove all debris. During establishment and in regular (occasionally once every 2 years) during maintenance.	Establishment Maintenance Period 18 months	Management year 1-5	Management year 5-10
2313									

- KEY**
- SITE BOUNDARY
 - EXISTING TREE/HEDGEROW TO BE RETAINED (INDICATIVE SIZE AND LOCATION)
 - PROPOSED NATIVE HEDGE PLANTING, REFER TO PLANTING SCHEDULE
 - PROPOSED WILDFLOWER MEADOW, REFER TO PLANTING SCHEDULE
 - RURAL ZONED AREA - REFER TO PLANTING SCHEDULE
 - GRASSED AREAS ON SITE - REFER TO PLANTING SCHEDULE
 - PROPOSED NATIVE SHRUB PLANTING MIX 1 REFER TO PLANTING SCHEDULE
 - PROPOSED GAP FILL PLANTING MIX 2, REFER TO PLANTING SCHEDULE
 - NATURAL PATHWAY WITHIN RURAL ZONED AREA
 - PROPOSED LIGHTING COLUMNS, INDICATIVE POSITION OF POST - REF TO ELECTRICAL ENGINEER DRAWING SRA-AXE-XX-DR-E-60101

- PROPOSED TREES**
- Tilia cordata 'Greenspire'
 - Prunus padus
 - Pinus sylvestris
 - Betula pubescens
 - Betula pendula
 - Amelanchier x grandiflora 'Robin Hill'
 - Ginkgo biloba
 - Euonymus europaeus
 - Salix alba
 - Alnus glutinosa



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Project: **New Site East of Aerodrome**

Title: **Planting Plan for Kavanagh Burke**

Client: **Kavanagh Burke**

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