

Landscape Design Rationale:

A 1.5 m hedge has been proposed around the car parking area located at the entrance of the development to match the existing hedge along the footpath.

Ornamental trees in SuDS and tolerant of wetter conditions planting have been proposed in the car parking area to enhance the wildlife habitat and also to break up the hard surface. Indicative tree species include *Pinus sylvestris*, *Betula pendula*, *Sorbus acuparia*.

The proposed shrub planting mix includes pollinators and native species to enhance biodiversity. Indicative species include *Euonymus fortunei 'Emerald 'n' Gold'*, *Cotoneaster conspicuus*, *Ribes nigrum*, *Symphoricarpos chenaultii*, *Viburnum opulus*.

Along the site boundaries semi-mature trees with understorey whips and feathered tree planting have been proposed to mitigate the visual impact of the proposed Warehouse. Indicative species include *Corylus avellana*, *Ilex aquifolium*, and *Sambucus nigra*.

Hard landscape:

Permeable paving is proposed at the car parking area and building entrance, and the footpaths as required by the drainage plan.

The Landscape Masterplan incorporates a Planting Schedule which indicates species, quantities, plant size and spacing.

The underground services have been considered when proposing this planting layout to ensure no conflicts arise. Where necessary a root barrier has been proposed to protect the services.



Plan Reference Scale: 1:500

PLANTING SCHEDULE

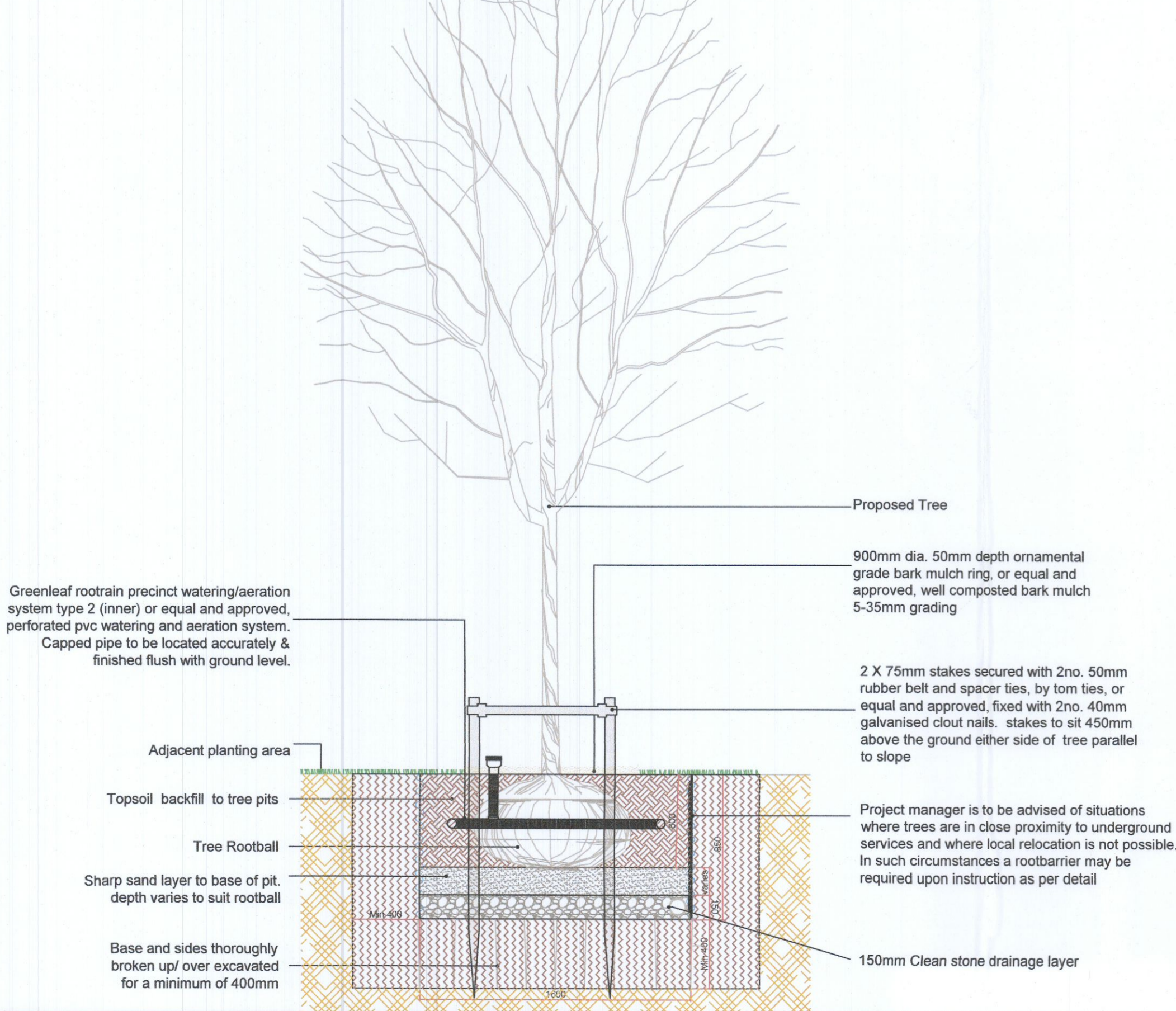
Proposed Tree planting along the northeastern boundary									
CODES	Trees for screening (All native species)	Girth	% in mix	Density (No./linear m)	Total No.	Comments	Defects Liability Period (DLP) to be 18 months in duration. DLP to be followed by Establishment Maintenance Period which is 18 months in duration	Management year 1.5-10	
Bp	<i>Betula pendula</i>	18-20cm girth (Heavy Standard), min 4m in height	Shown on Plan		26	Trees to be planted in groups of 2-3 of same species as shown on planting plan, and at 4m centres, all trees to be staked.	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.	Every year: -Trees to be thinned and pruned. -If over 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	
Sa	<i>Sorbus acuparia</i>	18-20cm girth (Heavy Standard), min 4m in height	Shown on Plan		14				
Ps	<i>Pinus sylvestris</i>	18-20cm girth (Heavy Standard), min 4m in height	Shown on Plan		16				
Total No. 56									
Proposed native understorey and whips planting									
CODES	Whips and feathered trees (All native species)	Height	% in mix	Density %mix	Area	Total No.	Comments	Defects Liability Period (DLP) to be 18 months in duration. DLP to be followed by Establishment Maintenance Period which is 18 months in duration	Management year 1.5-10
	<i>Alnus glutinosa</i>	1.8-2m/BR	100	1	760		Species to be planted in groups of 2-3 of same species as shown on planting plan.	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.	Every year: -Trees to be thinned and pruned. -If over 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>	1.2-1.5m/BR	10	1	76				
	<i>Hedera helix</i>	60-80cm/2L pot	10	1	76				
	<i>Ilex aquifolium</i>	60-80cm/2L pot	20	1	152				
	<i>Quercus petraea</i>	1.8-2m/BR	10	1	76				
	<i>Pinus sylvestris</i>	60-90cm/BR	15	1	114				
	<i>Salix caprea</i>	1.2-1.5m/BR	10	1	76				
	<i>Sambucus nigra</i>	1.2-1.5m/BR	10	1	76				
Total No. 760									
Formal planting within car parks									
CODES	Hedge	Height	% in mix	Planting Density (linear)	Length (m)	Total No.	Comments	Management year 1-5	Management year 5-10
H1	<i>Prunus lusitana angustifolia</i>	60-90cm/BR	100	6	99	594	Hedge species to be planted at 0.5m centres, in 2 staggered rows, rows to be 0.4m apart, in groups of 5 of same species.	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 the whip/shrub. -Top (prune) once height matches fence to fully screen it.	Once a years: -Shrubs to be thinned, pruned 1m in height. -If over crowding of shrub bed has occurred then alternate shrubs to be removed.
Shrubs (All Pollinator species)									
CODES	Species	Height	% in mix	Density %mix	Area	Total No.	Comments	Defects Liability Period (DLP) to be 18 months in duration. DLP to be followed by Establishment Maintenance Period which is 18 months in duration	Management year 1.5-10
	<i>Euonymus fortunei 'Emerald 'n' Gold'</i>	30-40cm/BR (1+1)	100	2	29		Species to be planted in groups of 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.	Every year: -Shrubs to be thinned, pruned 1m in height. -If over crowding of shrub bed has occurred then alternate shrubs to be removed.
	<i>Cotoneaster conspicuus</i>	30-40cm/BR (1+1)	20	2	12				
	<i>Ribes nigrum</i>	30-40cm/BR (1+1)	15	2	9				
	<i>Symphoricarpos chenaultii</i>	30-40cm/BR (1+1)	25	2	15				
	<i>Viburnum opulus</i>	30-40cm/BR (1+1)	15	2	9				
			25	2	15				
Total No. 58									
SuDS planting, tolerant of wetter conditions									
Species	Pot size	% in mix	Density %mix	Area	Total No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5	
<i>Persicaria bistorta</i>	2L / pots	100	3	158	95	Randomize spread of species as much as possible.	Main maintenance/ annual cut to take place in February before the new vegetative season starts. Shrubs to be left uncut or pruned to desired size.	As per establishment.	
<i>Aconitum napellus subsp. napellus</i>	9cm/ pots	10	3	47	47				
<i>Digitalis purpurea</i>	9cm/ pots	10	3	47	47				
<i>Dryopteris filix-mas</i>	9cm/ pots	15	3	71	71				
<i>Lythrum salicaria</i>	9cm/ pots	10	3	47	47				
<i>Iris sibirica tropic night</i>	9cm/ pots	15	3	71	71				
<i>Heuchera sanguinea</i>	9cm/ pots	10	3	47	47				
<i>Daphne pontica</i>	2L/ pots	10	3	47	47				
Total No. 474									

LANDSCAPE LEGEND

- SITE BOUNDARY
- EXISTING PLANTING OUTSIDE THE BOUNDARY LINE
- EXISTING TREES OUTSIDE THE BOUNDARY LINE
- PROPOSED TREE PLANTING
- PROPOSED ROOT BARRIER
- PROPOSED NATIVE UNDERSTOREY AND WHIPS PLANTING
- PROPOSED FORMAL HEDGE PLANTING
- PROPOSED MEDIUM/TALL SHRUB PLANTING
- PROPOSED SUDS PLANTING, TOLLERANT OF WATTER CONDITIONS
- PROPOSED TARMACCADAM ROAD - SEE ENGINEER'S SPECIFICATION
- PROPOSED BRUSHED CONCRETE FOOTPATH - SEE ENGINEER'S SPECIFICATION
- PROPOSED PERMEABLE PAVING TO ENGINEER'S SPECIFICATION
- EXISTING VERTICAL BAR GALVANISED RAILINGS TO BE RETAINED
- PROPOSED VERTICAL BAR GALVANISED RAILINGS TO MATCH EXISTING

Note:
For Detail refer to the Engineer's Drawing No.:
D1119-3-D3000-PL1-Drainage and Watermain Layout

Standard Tree Pit Detail Scale: 1:25



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Project: **Block B4 Aerodrome**

Title: **Landscape Masterplan & Planting Plan**

Client: **Kavanagh Burke**

for

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