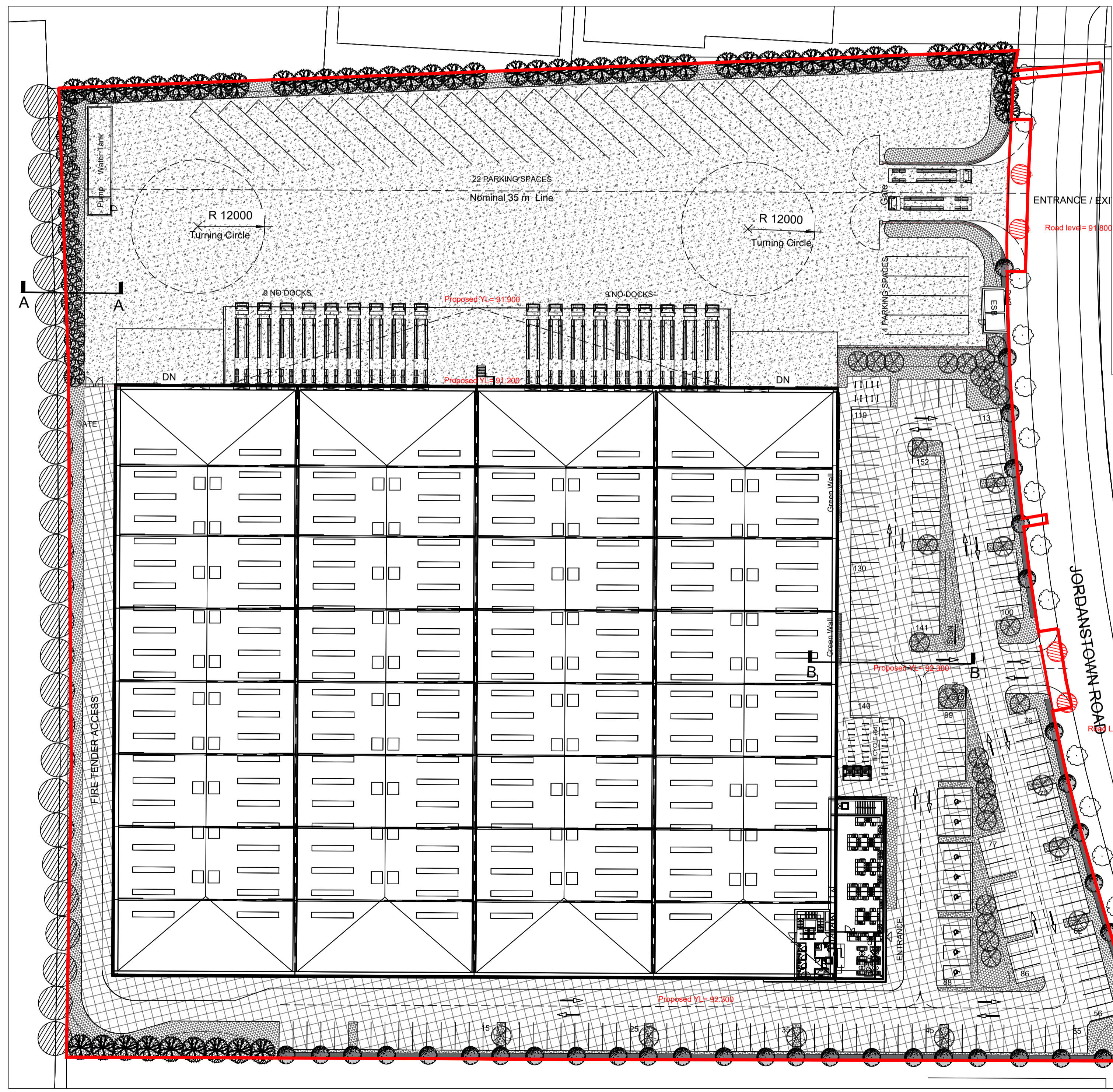


Design Rationale:

Scaled Landscape Masterplan and Planting Plan have been designed by a chartered landscape architect to illustrate all hard, soft surfaces, and boundary treatment. Reference to engineering details is supplied.

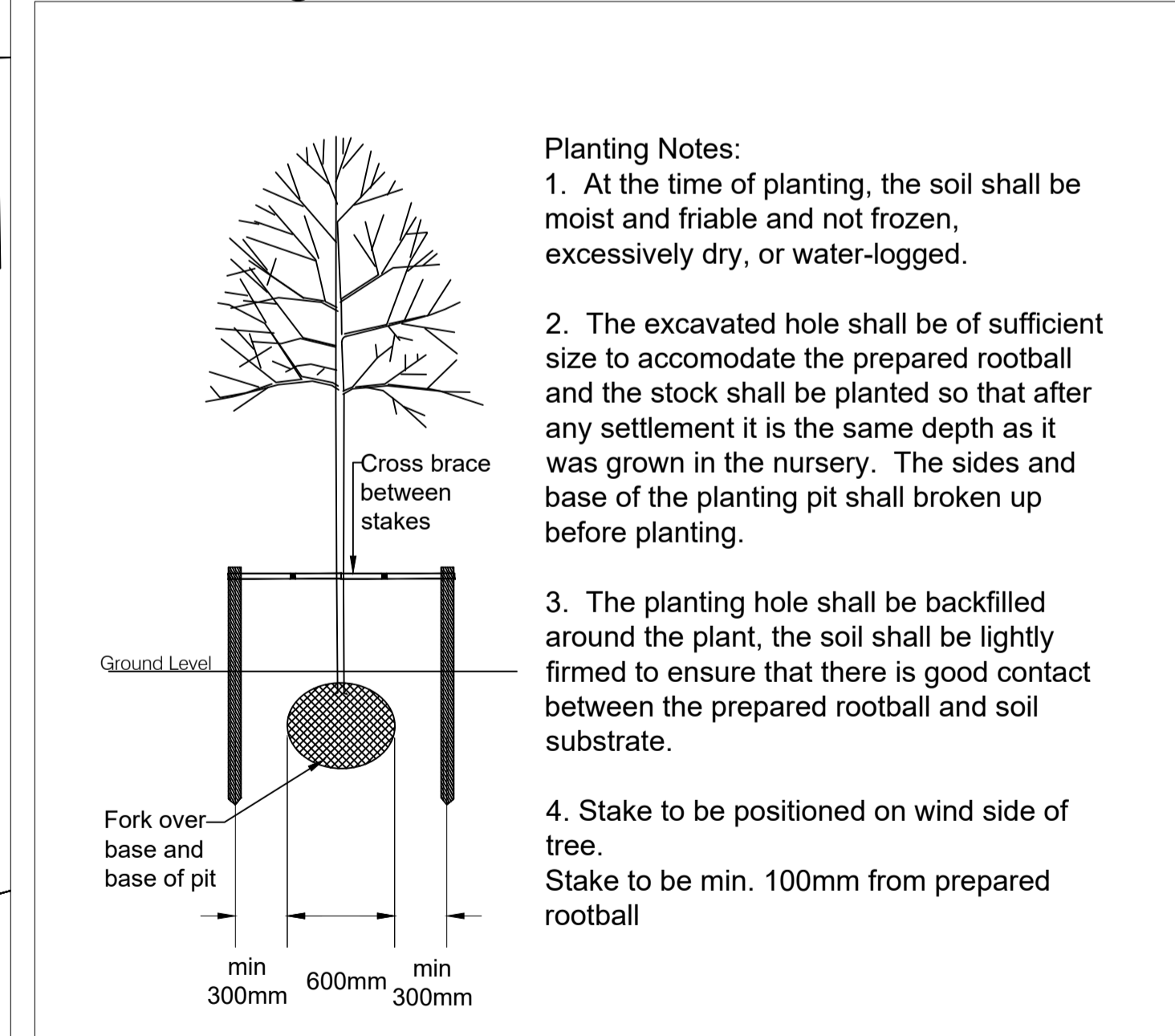
The design comprises:

- The existing boundary treatment has been retained along the whole Site boundary to match the existing surrounding developments;
- The existing hedgerow planting along the western boundary will be retained, managed, pruned and supplemented with small tree planting to assimilate the development into the surrounding landscape;
- Screen planting (Advanced Heavy Standard size) and hedgerow (including a mix of pollinator and native species) have been proposed along the northern boundary and Jordanstown Road to enclose the Site and to match the treatment elsewhere in the Aerodrome Business Park;
- Pollinator shrub and ground cover planting have been designed to add visual amenity and break up the hard surface;
- Climbers plants, i.e. Boston ivy a flowering and shade tolerant species and Common ivy (evergreen), will be planted on the eastern façade where green walls have been designed by the Architects;
- A planting schedule is also supplied indicating species, quantities, plant size on planting and spacing. The plan has been checked against services. Pollinator species (referring to All-Ireland Pollinator Plan 2015-2020, National Biodiversity Data Centre) have been selected for shrub and ground cover planting beds at building entrances, in the car park area and within perimeter hedges; and
- Maintenance proposals has been supplied in the planting schedule for all materials and workmanship, including work required in the establishment maintenance period. Planting will be implemented in the first planting season after completion of the building and civil works on site.



PLANTING SCHEDULE						
Supplementary small amenity screen tree planting along northern and southern boundary	Girth / Form / Height	% in mix	Planting density (no./m)	Length (m)	Total No.	Comments
<i>Pinus nigra</i>	Feathered 3.0-3.5m tall	20	0.25	227	57	Trees to be staked, double stake with crossbar, biodegradable jute tree tie.
<i>Prunus padus</i>	16-18cm (Advanced Heavy Standard), min 4m in height	20	0.25	11	11	
<i>Quercus robur 'Koster'</i>	16-18cm (Advanced Heavy Standard), min 4m in height	30	0.25	17	17	
<i>Tilia cordata</i>	16-18cm (Advanced Heavy Standard), min 4m in height	30	0.25	17	17	
Supplementary small amenity tree planting along western boundary				54	14	
<i>Sorbus aucuparia</i>	16-18cm (Advanced Heavy Standard), min 4m in height	40	0.25	5	5	Trees to be staked, double stake with crossbar, biodegradable jute tree tie.
<i>Crataegus monogyna 'Stricta'</i>	16-18cm (Advanced Heavy Standard), min 4m in height	40	0.25	5	5	
<i>Pinus nigra</i>	Feathered 2-2.5m tall	20	0.25	3	3	
Formal planting within car parks along northern side of site					39	
<i>Acer pictaroides</i>	12-14cm (Heavy Standard), min 4m in height	N/A	As shown on plan			Defective (dead or dying) plants to be replaced after year 1. Monthly tasks: -Water weekly during dry weather -Weed removal at base of tree
Hedgerow and trees along eastern and southern boundary						
<i>Tilia cordata</i>	16-18cm (Advanced Heavy Standard), min 4m in height	N/A	As shown on plan		37	To be planted in a double staggered row
<i>Prunus spinosa</i>	90-120cm/Bare root	10	5		140	
<i>Corylus avellana</i>	90-120cm/Bare root	10	5		140	
<i>Viburnum opulus</i>	90-120cm/Bare root	10	5		140	
<i>Crataegus monogyna</i>	90-120cm/Bare root	70	5		977	
Climbers					18.4	
<i>Hedera helix 'Gold heart'</i>		50	3		28	To be tied into climber support system using jute twine
<i>Parthenocissus tricuspidata</i>	40-60cm shoot length/2L pot	50	3		28	
Shrubs planting						
Proposed medium/tall shrub planting		100			322	To be planted in groups of 3-5 of same species.
<i>Cornus alba 'Sibirica'</i>	40-60cm shoot length/2L pot	25	5		402.5	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 -Fertilise around shrub or tree
<i>Corylus avellana</i>	40-60cm shoot length/2L pot	25	5		402.5	
<i>Viburnum opulus</i>	40-60cm shoot length/2L pot	25	5		402.5	
<i>Eleagnus ebbingei</i>	40-60cm shoot length/2L pot	25	5		402.5	
Proposed ground cover planting		100			1940	
<i>Hebe burkii 'Nana'</i>	40-60cm shoot length/2L pot	20	5		1940	
<i>Salvia officinalis 'Purpureasens'</i>	40-60cm shoot length/2L pot	20	5		1940	
<i>Santolina chamaecyparissus</i>	40-60cm shoot length/2L pot	20	5		1940	
<i>Eunymium fortunei 'Emerald and Gold'</i>	40-60cm shoot length/2L pot	20	5		1940	
<i>Geranium 'Rozanne'</i>	40-60cm shoot length/2L pot	20	5		1940	
Planting species						

Tree staking detail



- Planting Notes:
- At the time of planting, the soil shall be moist and friable and not frozen, excessively dry, or water-logged.
 - The excavated hole shall be of sufficient size to accommodate the prepared rootball and the stock shall be planted so that after any settlement it is the same depth as it was grown in the nursery. The sides and base of the planting pit shall broken up before planting.
 - The planting hole shall be backfilled around the plant, the soil shall be lightly firmed to ensure that there is good contact between the prepared rootball and soil substrate.
 - Stake to be positioned on wind side of tree. Stake to be min. 100mm from prepared rootball

1			
2			
No.	Construction Risk	Maintenance Risk	Demolition Risk

In addition to the hazards/risks normally associated with the types of work detailed on this drawing take note of the above.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

Legend

- Site boundary
- Existing trees to be removed
- Existing hedgerow planting outside site. Over hanging branches to be managed and pruned
- Proposed supplementary screen planting along northern and southern boundary
- Proposed supplementary tree planting along western boundary
- Proposed formal planting in car park (trees do not conflict with location of lighting columns)
- Proposed hedgerow along site boundary (using pollinator species)
- Proposed ground cover planting (using pollinator species)
- Proposed medium/tall shrub planting (using pollinator species)
- Proposed climbers in 600mm wide plant bed at base of green wall (using pollinator species)
- Proposed permeable surface as per engineers specification
- Proposed impermeable surface as per engineers specification

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Project **Aerodrome Business Park Site Q2**

Title **LANDSCAPE PLANTING PLAN**

Client **IPUT**

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