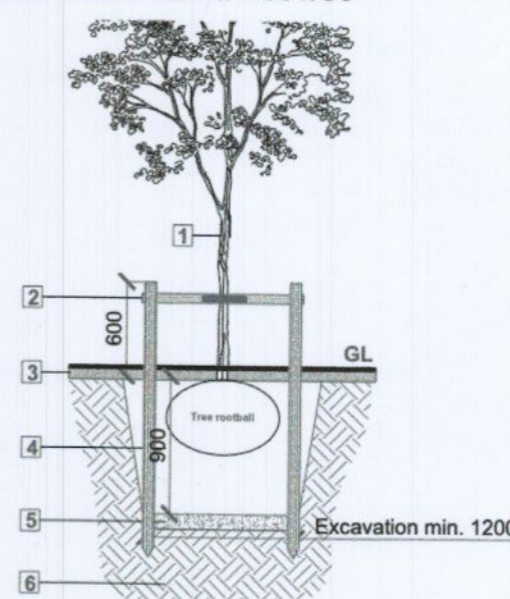


**TREE PLANTING SPECIFICATION**

Tree planting throughout the scheme has been selected to blend the development in to its surrounding environs and create focal points within the development. The tree species selected will maximise food and nectar sources for birds and invertebrates. Trees will be planted as Standard and Heavy Standard to provide a reasonable degree of instant maturity to the development. All trees shall be planted between the months of Nov and March. The trees shall be purchased from a reputable nursery as rootball specimens and final order to be agreed by Landscape Architect; The trees shall be planted on delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be held in. Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000L / Tree/ Month.

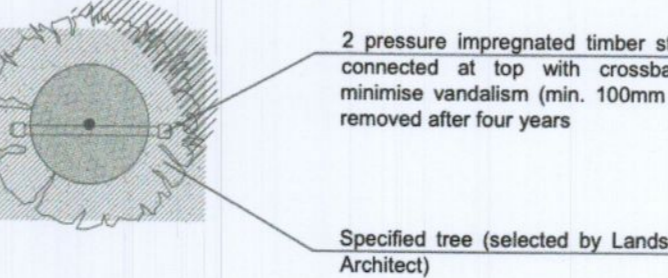
**Methodology and Guidance Notes:** The tree pit should have a diameter at least 100mm greater than that of the root system, with the depth not exceeding the rootball. Any glazed or smeared sides caused by digging shall be scarified with the use of a fork. The tree will be positioned in the centre of the planting pit at the correct depth, taking into account the root flare and finished level. Prior to backfilling the hessian eliminate air pockets under and around the root system. The final layer of backfill will be carried out in layers of 150mm, ensuring the tree is held upright. At each stage the fill will be carefully firmed in to be carried out if required, removing dead, damaged, crossing or diseased branches. Refer to Tree planting specification for tree anchoring system. All trees planting operation will be carried in accordance with BS8545:2014 Trees: from nursery to independence in the landscape - Recommendations.

**ROOTBALL TREE detail #1 sc1/50**

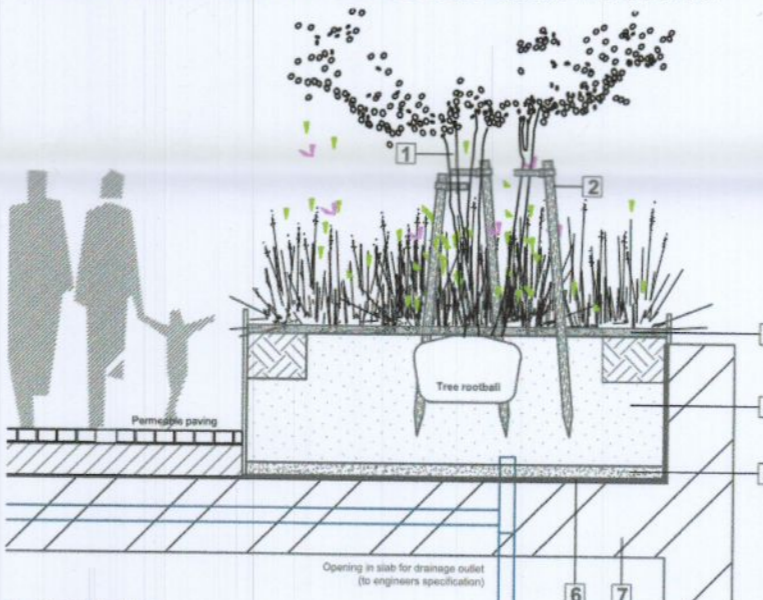


1 - Specified tree  
 2 - Triple stake with cross bars. Stake 75mm O, 2400mm long min., machined and rounded. All timber to be pressure treated. All nails to be galvanised. Cross bar set at min. 150 angle to ground. Tree stem strapped to staked with 3no. 'Holdfast Rubber Block; HB3 90x75x40mm and 50mm wide 'Holdfast Natural Tree Belting'. Available from www.greentech.co.uk or similar approved.  
 3 - 75mm medium grade bark chip supplied by *Enrich.ie* or similar approved, no splinters or fines  
 4 - 900mm of depth rich, friable, sandy loam topsoil and compost mix 3:1 provided supplied by *Enrich.ie* or similar approved  
 5 - 100mm gravel drainage layer. Ground condition finely ripped substrate at 600mm depth below drainage layer to ensure no standing water.  
 6 - Subsoil

Square planting pit shall be large enough to accommodate tree roots. Pit to be backfilled with a mix of topsoil, planting compost and polymer granular. The bottom and sides of pit to be broken up by forking prior to planting.

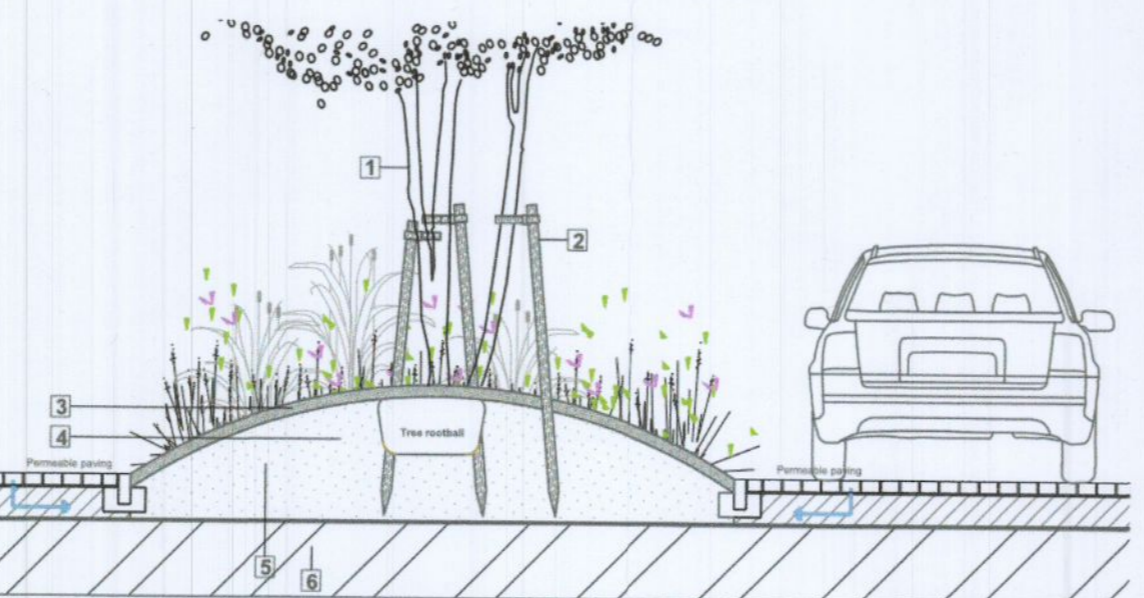


**TREE PLANTING IN PLANTERS detail #3 sc1/50**

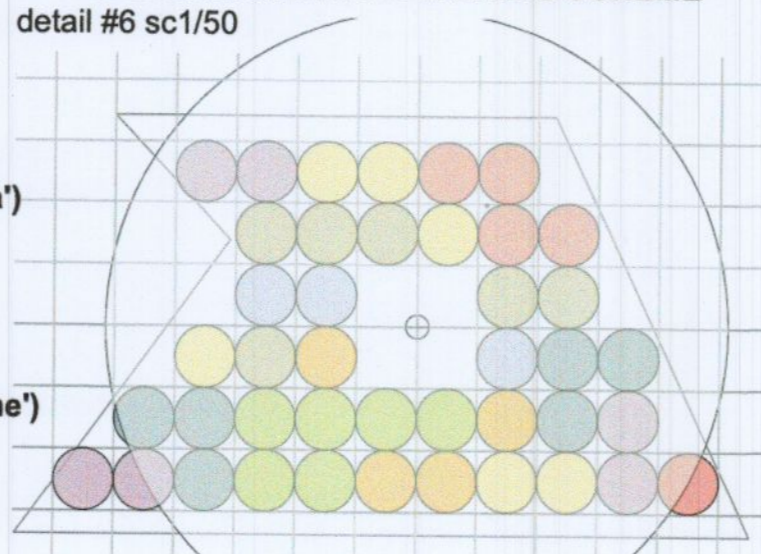


1 - Specified tree  
 2 - Triple stake with cross bars. Stake 75mm O, 2400mm long min., machined and rounded. All timber to be pressure treated. All nails to be galvanised. Cross bar set at min. 150 angle to ground. Tree stem strapped to staked with 3no. 'Holdfast Rubber Block; HB3 90x75x40mm and 50mm wide 'Holdfast Natural Tree Belting'. Available from www.greentech.co.uk or similar approved.  
 3 - 75mm medium grade bark chip supplied by *Enrich.ie* or similar approved, no splinters or fines  
 4 - 800mm of depth rich, friable, sandy loam topsoil and compost mix 3:1 provided supplied by *Enrich.ie* or similar approved  
 5 - 100mm gravel drainage layer. Ground condition finely ripped substrate at 600mm depth below drainage layer to ensure no standing water.  
 6 - Waterproof layer  
 7 - Podium slab

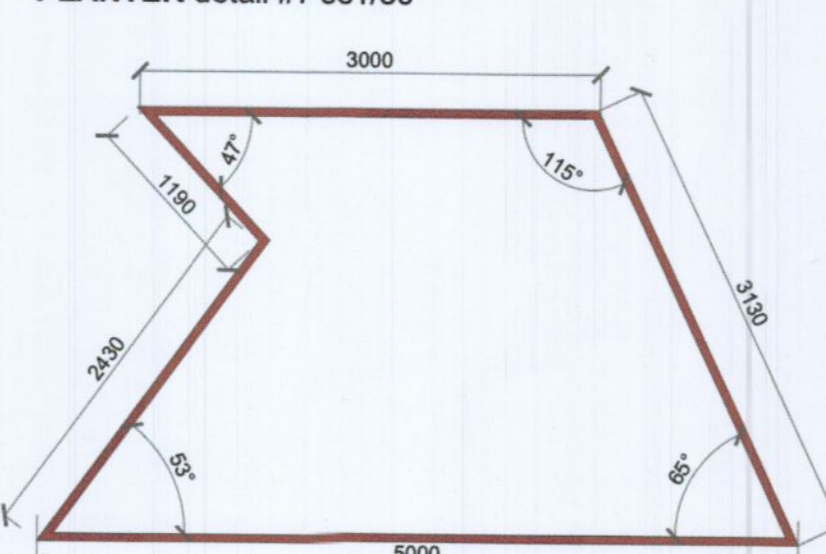
**TREE PLANTING ABOVE PODIUM detail #4 sc1/50**



**TYPICAL ORNAMENTAL PLANTING SCHEME detail #6 sc1/50**



**PLANTER detail #7 sc1/50**



**VEGETATION SPECIFICATION AND QUANTITIES**

Code	Scientific name	Common name	Size
Ac	<i>Acer Campestre 'elsrijk'</i>	Field maple	r/b, 4x trpt 20-25cm girth
Bp	<i>Betula pubescens *</i>	Downy Birch	r/b, 4x trpt 20-25cm girth
Gb	<i>Ginkgo biloba</i>	Maidenhair tree	r/b, 4x trpt 20-25cm girth
Ls	<i>Liquidambar styraciflua</i>	Sweetgum	r/b, 4x trpt 20-25cm girth
Ph	<i>Platanus x Hispanica</i>	London Plane	r/b, 4x trpt 20-25cm girth
Pc	<i>Pyrus calleryana 'Chanticleer'</i>	Ornamental Pear	r/b, 4x trpt 20-25cm girth
Sa	<i>Sorbus aria majestica **</i>	Whitebeam	r/b, 4x trpt 20-25cm girth
Tc	<i>Tilia Cordata 'Greenspire**'</i>	Small leaved lime	r/b, 4x trpt 20-25cm girth

Code	Scientific name	Common name	Size
Si	<i>Sorbus intermedia 'Brouwers'</i>	Swedish Whitebeam	r/b, 3x trpt 18-20 cm girth
Ag	<i>Acer griseum</i>	Paperbark maple	m/s, c/g 50L, 3.5m tall
Au	<i>Arbutus unedo **</i>	Strawberry tree	m/s, c/g 50L, 3.5m tall
Bj	<i>Betula Jaquimontii</i>	Himalayan Birch	m/s, c/g 50L, 3.5m tall
Sau	<i>Sorbus aucuparia **</i>	Rowan	m/s, c/g 50L, 3.5m tall

Code	Scientific name	Common name	Size
Qi	<i>Quercus ilex</i>	Evergreen Oak	r/b, 3x trpt 18-20 cm girth

Scientific name	Common name	Size	Quantity
<i>Crataegus monogyna**</i>	Hawthorn	c/g 2L 20-40cm ht.	23
<i>Prunus spinosa**</i>	Blackthorn	c/g 2L 20-40cm ht.	23
<i>Ilex aquifolium**</i>	Holly	c/g 2L 20-40cm ht.	23
<i>Rosa canina**</i>	Dog Rose	c/g 2L 20-40cm ht.	23

\* Species Native to Ireland  
 \*\* Plants for Pollinators  
 These plants will provide nectar and pollen for bees and the many other types of pollinating insects. All selected species have an ornamental, native biodiversity or pollinator-stimulating purpose. Selection is based on the "All Ireland pollinator Plan".

**Mix of Lowland Wildflower with Moist Summer Hay Meadow - 644sq.m (@5gr per sq.m)**  
 to create a distillation of the 'meadow aesthetic'; a visually dramatic, highly designed and enhanced evocation of a wildflower meadow; a celebration of that most cherished of natural landscapes. *Achnatherum calamagrostis, Allium sphaerocephalum, Cephalaria gigantea, Deschampsia cespitosa 'Gold Veil', Euphorbia palustris, Geranium sylvaticum 'Mayflower', Sanguisorba officinalis, Scattered Inula magnifica, Succisa pratensis, Leucanthemum x hybrida 'T.E.Killin', Lychnis chalcidonica, Molinia caerulea, Nectaroscordum siculum, Phlomis russeliana*

Scientific name	Common name	Size	Quantity
<i>Astilbe 'Vision in Pink'</i>	Chinese astilbe 'Vision in Pink'	c/g 3L 30-40cm ht.	185
<i>Stipa gigantea</i>	Golden oats	c/g 3L 30-40cm ht.	185
<i>Helenium 'Rubinzweg'</i>	Sneezeweed 'Rubinzweg'	c/g 3L 30-40cm ht.	185
<i>Aster 'Twilight'</i>	Dahlia 'Gurtia Twilight'	c/g 3L 30-40cm ht.	185
<i>Betonica officinalis 'Rosea'</i>	Stachys officinalis 'Rosea'	c/g 3L 30-40cm ht.	185
<i>Selinum wallichianum</i>	Wallich milk parsley	c/g 3L 30-40cm ht.	185
<i>Agastache 'Blue Fortune'</i>	Giant hyssop 'Blue Fortune'	c/g 3L 30-40cm ht.	185
<i>Knautia macedonica</i>	Macedonian scabious	c/g 3L 30-40cm ht.	185

**Amenity Grass Area - 344sq.m (35gr per sq.m.)**  
 Coburn's Low Maintenance seed at 300mm topsoil depth

**gannon + associates**

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 + Ternure Enterprise Centre  
 17 Rathfarham Road, D6W

REV	DATE	REVISION	DRAWN	CHECKED
C	02/12/22	Soft Landscape Plan	PS	JG

CLIENT: WINMAR DEVELOPMENTS ULC.  
 PROJECT TITLE: Liffey Valley Hotel, Dublin 22  
 PROJECT ARCHITECT: EMD Architects  
 SHEET TITLE: Soft Landscape Plan  
 SHEET NO: 22193\_PA\_C\_SLP  
 SCALE: as shown  
 STAGE: For Planning  
 SHEET SIZE: A1  
 REVISION: C  
 DATE: December 2022