

# Landscape Masterplan



## Legend:

- 1 Proposed extension
- 2 Existing entrance and hard standing retained
- 3 Carpark retained
- 4 Vegetation planting retained, augment planting where required
- 5 Short grass areas retained
- 6 Existing trees retained and protected during construction refer to Arborist report and specifications
- 7 Existing tree group/ woodland planting to be protected during construction refer to Arborist report and specifications
- 8 Existing dry swale, retained
- 9 Proposed permeable paving
- 10 Bio-retention swale
- 11 Services refer to engineer's specifications
- Proposed specimen trees

## Tree Planting Specification

Tree planting throughout the scheme has been selected to blend the development in rural 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 Select 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 healed in. All Trees positioned in hard landscaped areas shall be planted using the Strata cell specification with Root barrier please refer to specification sheets.

**Maintenance** Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000L / Tree / Month.

## Trees Public Realm;

Specimen varieties	specification	Size	Height	Qty
CB Carpinus betulus	Clearstem	18-20cm	4.0m+	2
BP Betula pubescens	Clearstem	5.0m+	5.0m+	3
FS Fagus sylvatica	Feathered	18-20cm	4.0m+	1
SA Sorbus acuparia	Feathered	18-20cm	4.0m+	3
PS Pinus Sylvestris	Clearstem	25-30cm	3.0m+	3
PA Prunus avium 'Plena'	Clearstem	25-30cm	4.0m+	5
LS Liquidamber stryactifliva	Clearstem	14-16cm	3.5m+	1
QR Quercus robur	Clearstem	16-18cm	4.0m+	3

## 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 twine/wire cage supporting the rootball shall be loosened or removed. Backfilling shall be carried out in layers of 150mm, ensuring the tree is held upright. At each stage the fill will be carefully firmed in to eliminate air pockets under and around the root system. The final layer of backfill will not be consolidated, but should be of a sufficient depth to allow for settlement and mulching. Formative pruning should 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.

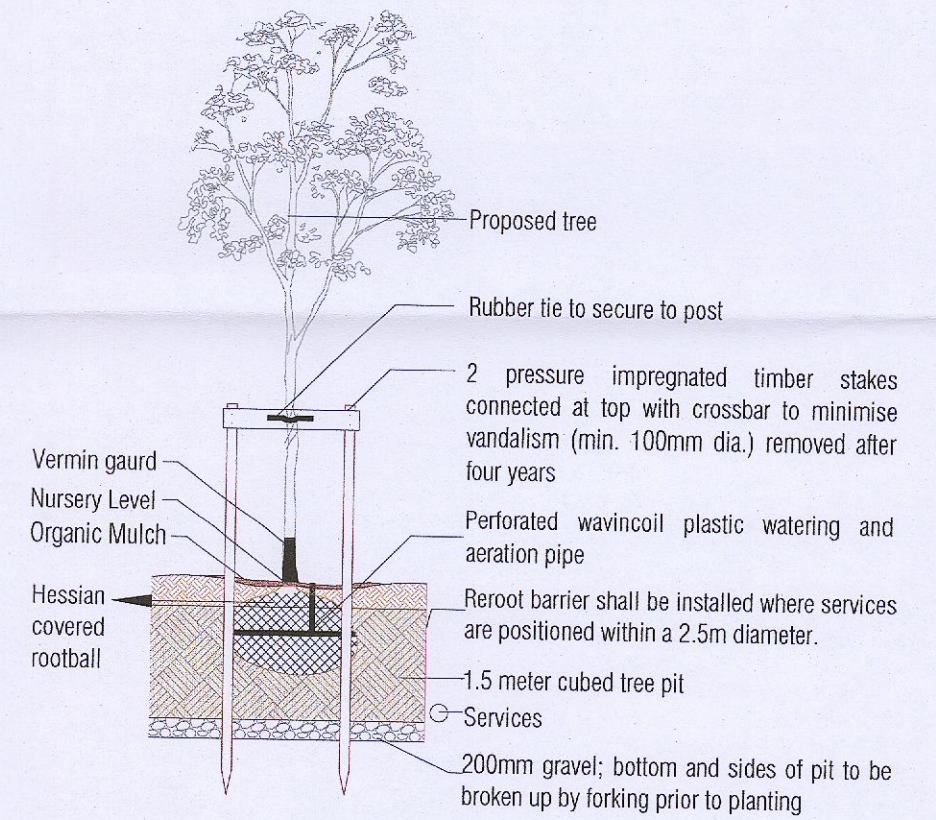
## Landscape Notes:

All Landscape Works shall be undertaken by ALCI approved Landscape Contractor and in accordance with Landscape specifications. Topsoil to BS 3882:1994, general grade, free from sharp edged stone. Backfilling Materials: A previously prepared thorough mixture of:  
 -70% by volume topsoil excavated for the pit and the additional topsoil as required.  
 -25% by volume approved well-rotted organic material.  
 -5% by volume coarse grained washed river sand.  
 -600g/cu m bonemeal of medium fine texture, containing not so less than 20% soluble potash and 3-5% nitrogen.

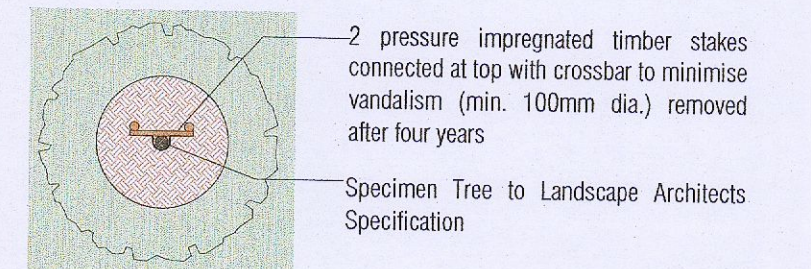
## Maintenance

Initial Landscape operations will be undertaken by ALCI member. All operations will be carried out to a standard specification. The contractor will be responsible for plant establishment for 18 months of establishment maintenance. Any trees and shrubs dying, damaged or removed shall be replaced in the following planting season with plant of similar size and species.

## Detail 1: Standard Rootball Tree Planting Specification Not to Scale



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.



<b>JANE MCCORKELL</b> DESIGN 13 Churchfield Grove, Churchfield, Ashbourne, Co. Meath. Ph: 087 6539529 Email: jane@mccorkell.com	<b>Registered Landscape Architect</b> The Irish Landscape Institute 2022 - 2023	Title: Proposed landscape plan Client: Origo Distribution Limited Project: 23 Magna Drive, Magna Business Park, Citywest, Dublin 24.	Drawn by: SH Checked by: JMC Rev:
		Drawn by: SH Checked by: JMC Rev:	Title: PP394-02 Scale: 1:500 Date: JAN 2023
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