

**REQUIRED TOPSOIL DEPTHS**

- 1. TREE PITS - 1m depth topsoil over free draining subsoil
- 2. SHRUB PLANTING - 30cm depth over free draining subsoil
- 3. GRASS SEEDING - 30cm depth over free draining subsoil

**GENERAL CLEARANCE BEFORE PLANTING AND SPREADING TOPSOIL**

- 1. All rubble, stone over 150mm, general rubbish and builders' debris to be cleared from the proposed planting areas to the depth of the cultivated medium, (depending if trees, shrubs or grass), and removed from site to an approved tip prior to any cultivation works.
- 2. The planting area shall be treated with an approved herbicide allowing sufficient time to react before spreading topsoil

**SITE PREPARATION**

- 1. Following herbicide treatment the entire area shall be levelled to a medium grade prior to topsoil being spread
- 2. Topsoil to be cultivated so free of grass, pernicious weeds and weed seed, stones larger than 50mm and other debris. Similarly the top 50mm of subsoil for grass areas should be free of grass, pernicious weeds and weed seed, stones larger than 50mm and other debris.
- 3. Topsoil to be spread in 150mm layers and gently firmed. (Subsoil, if applicable, to be spread in 300mm layers and gently firmed)

**PLANT MATERIAL**

- 1. All plant material shall be pest and disease free.
- 2. Topsoil shall be supplied in accordance with BS:3882
- 3. All plants to be planted at the same depth as previously grown.
- 4. Sufficient soil must be removed to allow all roots to fully spread. Care must be taken with root systems - with dry, damaged roots being carefully pruned prior to planting

**PLANTING GENERAL**

- Times of the year for planting:
  - Roundball trees: November to March
  - Container grown or airpot plants: At any time if ground and weather conditions are favourable.
  - Watering and weed control: Provide as necessary.

**TREES**

- 1. Soil ameliorants to consist of an approved compound at 20L for each featherbed tree and 12-14cm girth tree, 35L for each 14-18cm girth tree and 50L for each 20-25cm girth tree and 150kg/ha of 10:10:10 NPK slow release fertilizer
- 2. For further details, see drawing no tree planting details.

**HEDGES**

- 1. Soil ameliorants can be premixed with the soil applied or mixed in during planting, but must be through full width of trench.
- 2. Soil ameliorants to consist of an approved compound at 10L per m<sup>2</sup>; and 50kg/m<sup>2</sup> of 10:10:10 NPK slow release fertilizer

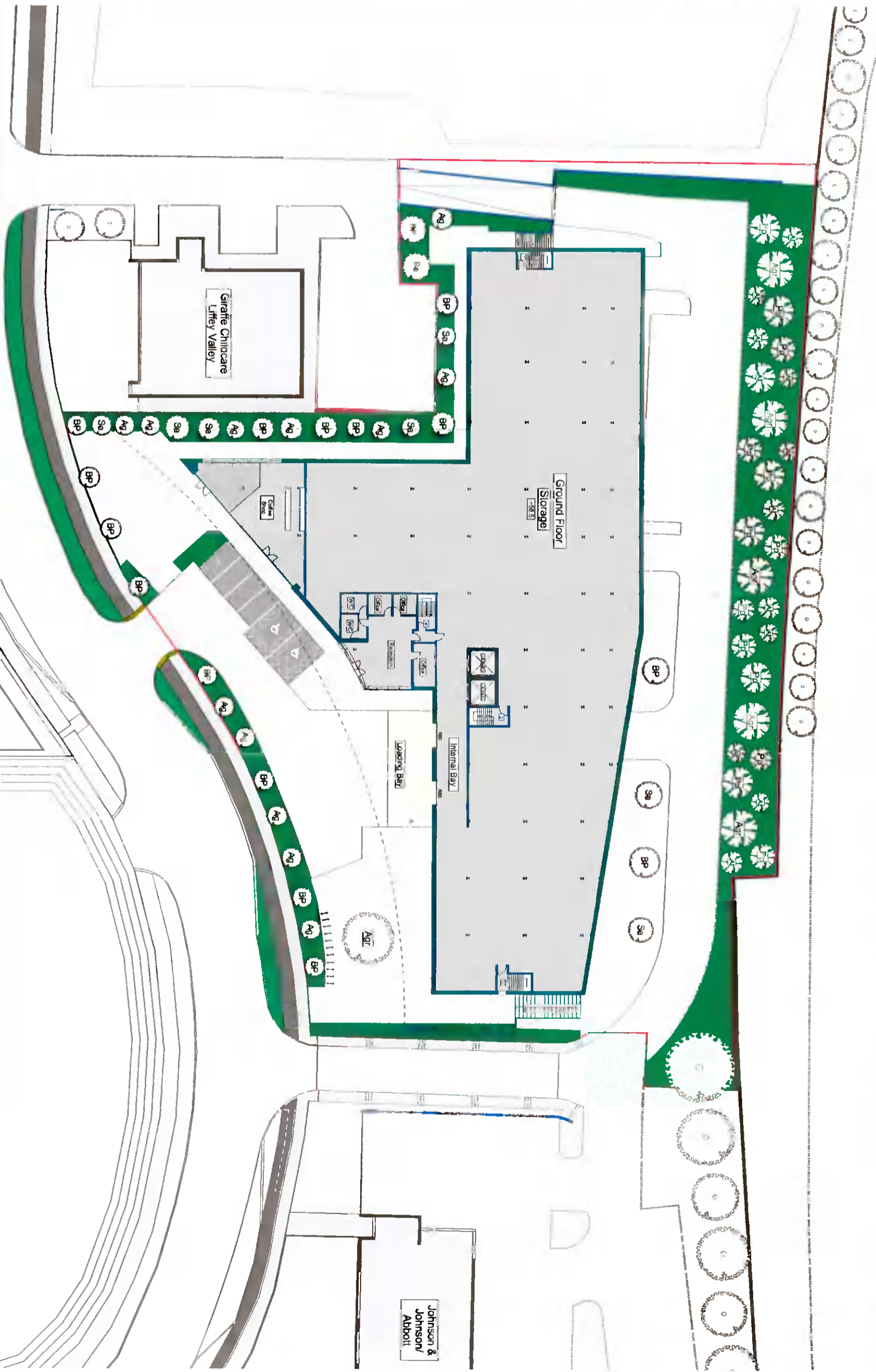
- All planting to be watered thoroughly immediately after planting without damaging or displacing plants or soil.

**MULCHING**

50mm depth bark mulch to be applied to all shrubs & hedge planting areas on completion of planting. Also to be spread as 1m radius around tree planting

**LEGEND**

	Native Trees Proposed		Asphalt Surface Cycle Lane
	Native Trees Proposed		Site Boundary
	Amenity Grass (Medium frequency cutting regime)		
	Low Height Ornamental Shrub Mix		
	Concrete Surface		
	Modular Paving		



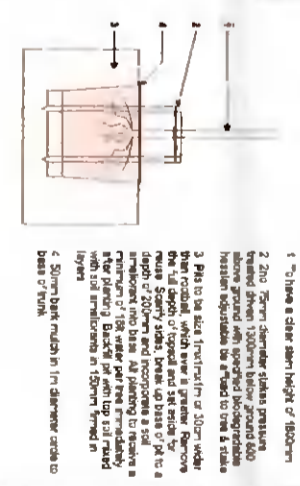
**TREE PLANTING SCHEDULES**

Species	Specification	Spec	Density	Quantity
(Ag) Arhus glutinosa	18-20cm girth/ chestnut/ football or airpot	21 pot	3/sqm	100
(Bp) Betula pendula	8-10cm girth/ chestnut/ barrel or airpot	21 pot	3/sqm	100
(Sa) Sorbus aucuparia	8-10cm girth/ chestnut/ barrel or airpot	21 pot	3/sqm	100
(Uj) Ulmus luteol	18-20cm girth/ chestnut/ football or airpot	21 pot	3/sqm	100
(Ag) Acer Geseum	18-20cm girth/ chestnut/ football or airpot	21 pot	3/sqm	100
(Al) Amelanchier lamarckii	18-20cm girth/ chestnut/ football or airpot	21 pot	3/sqm	100
(Pp) Prunus padus	18-20cm girth/ chestnut/ football or airpot	21 pot	3/sqm	100
<b>LOW HEIGHT SHRUB MIX</b>				
<b>Indicative Species Mix</b>				
20% Cotoneaster daucus	21 pot	3/sqm	100	100
20% Hypericum hiodote	21 pot	3/sqm	100	100
20% Lonicera xida	21 pot	3/sqm	100	100

**NATIVE HEDGEROW MIX - 340sqm @ 5 per sqm**

Species	Spec	Quantity
20% Prunus lauro/ Zabeliana	21 pot	210
20% Viburnum davidii	21 pot	210
<b>Indicative Species Mix</b>		
2.5% Betula pendula	1+2 birtransplant	50
40% Crataegus monogyne	1+2 birtransplant	680
20% Corylus avellana	1+2 birtransplant	340
10% Ilex aquifolium	1+2 birtransplant	170
20% Prunus spinosa	1+2 birtransplant	340
7.5% Rhus typhosa	1+2 birtransplant	150 (from native)

**TREE PLANTING DETAIL**



**FOR PLANNING**

REV DATE DESCRIPTION

Client: U Street Unit, Liffey Valley, Dublin 22

Drawing: Landscape Master Plan

Scale: 1:500

Date: Oct 21

Drawn by: AM

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