

**EXISTING TREE MANAGEMENT**

There is a linear group of thirteen mature trees on the site at present. These will be managed as follows:

- Five will be retained in full compliance with the requirements of BS5837.
- One further tree will be retained if detailed site investigation allows. Prior to commencement of construction (if permission is granted), the precise extent of the tree roots will be determined by site investigation and the decision to remove or retain will be made by the Arborist based on the findings. Results will be disclosed to Fingal CC Parks Dept., if required.
- Two trees to be removed for safety reasons (J-Class)
- Remaining five trees to be removed due to the development.

This drawing has been provided to illustrate the tree management requirements and to demonstrate the commitment to reinstating trees that are suitable for this location and which will be sustainable and add more to the site's biodiversity in the longer term. This area will not be accessible and will effectively be a self-sustaining ecological zone, with minimal maintenance or management inputs.

The ground levels around the trees within the Root Protection Zones will be maintained, although it is necessary to raise the road and building floor levels due to the existing provision of services as-built and for continuity of roads / streets with the adjacent developments constructed to date.

The impact of removing these five trees will be more than compensated for by planting a greater number of new native parkland trees which will add to the biodiversity value and form an attractive space in their own right. The existing sparse scrub vegetation under the trees will be maintained and enhanced with new native shrub planting.

Please see the Arborist's Report for further details of the existing trees (primarily mature Sycamore, rated B and C class). Please also see the Engineering submissions for details of the roads and services infrastructure.

**LEGEND**

- Soft Landscape**
  - Existing Trees to be removed: Due to development (Category B / C trees) - Per Arborist Advice (Cat U)
  - Existing Trees: To be retained as per detailed site investigation
  - Existing Trees: Retained only subject to BS5837:2012
  - Tree Root Protection Fencing: In accordance with BS5837:2012
  - Boundary Buffer Trees: Species: *Acer campestre* 'Elegant', *Betula pendula*, *Pinus nigra* var *maritima*, *Pinus sylvestris*, *Populus tremula*, *Sorbus aria*, *Alnus glutinosa*\*
  - Street Trees and Feature Shrubs: Species: *Tilia cordata*, *Carpinus betulus* 'Fastigiata', *Alnus glutinosa* 'Imperialis'
  - Courtyard Trees: Species: *Alnus glutinosa* 'Imperialis', *Amelanchier lamarckii*, *Betula pendula*, *Corylus avellana*, *Crataegus monogyna*, *Sorbus aucuparia*\*
  - Compensatory Tree Planting: Semi-mature trees 25-30cm girth. Species: *Alnus glutinosa*\*, *Quercus robur*\*, *Acer campestre*, *Tilia cordata*
  - Perimeter Buffer Planting: Species: *Berberis fruticosa* 'Amstelveen', *Cornus sanguinea*, *Crataegus monogyna*\*, *Elaeagnus x ebbingei*, *Hebe albertiana*, *Mahonia aquifolium*, *Ilex aquifolium*\*, *Viburnum opulus*\*
  - Residential Buffer Planting: Species: *Arbutus unedo*\*, *Cornus sanguinea*\*, *Forsythia spectabilis*, *Hamanetis mollis*, *Ilex aquifolium*\*, *Mahonia aquifolium*, *Carex oshimensis* 'Evergold', *Hypericum 'Hidcote'*, *Lavandula 'Hidcote'*, *Sarcococca humilis*, *Viburnum davidii*, *Liriodendron muscari*
  - Native Hedgerow Mix - Boundary with Regional Park: *Crataegus monogyna* [40%], *Prunus spinosa* [30%], *Euonymus europaeus* [10%], *Corylus avellana* [10%], *Viburnum opulus* [5%], *Rosa pimpinifolia* [4%], *Lonicera periclymenum* [1%]
  - Courtyard Planting: Species: *Carex oshimensis* 'Evergold', *Erica sp.*, *Hypericum 'Hidcote'*, *Lavandula 'Hidcote'*, *Lonicera pileata*, *Luzula sylvatica*\*, *Mahonia aquifolium*, *Pennisetum 'Karley Rose'*, *Rosmarinus officinalis*, *Salvia nemorosa* 'Ostfriesland', *Sarcococca humilis*, *Viburnum davidii*, *Vinca minor*
  - Street Planting for SuDs / Bioattenuation: Species: Marsh marigold (*Caltha palustris*), Purple loosestrife (*Lythrum salicaria*), Brooklime (*Veronica beccabunga*), Meadowweet (*Filipendula ulmaria*), Meadow Rue (*Thalictrum flavum*), Tufted Vetch (*Vicia cracca*), Water Avens (*Geum rivale*), Wild Angelica (*Angelica sylvestris*), Wild Valerian (*Valeriana officinalis*), Yarrow (*Achillea millefolium*), Yellow flag (*Iris pseudacorus*), Purple Willow (*Salix purpurea*)
  - Stone Pebbles & Ornamental Grass Planting: Species: *Leymus arenarius*\*, *Limonium bellidifolium*\*, *Miscanthus sinensis*, *Santolina chamaecyparissus*, *Stipa tenuissima* 'Pony tails'
  - Sedum Green Roof: Living Roof Mix: Moy Materials Irish Native Biodiverse Extensive Green Roof System - see 1819\_PL\_D\_01 for more information
  - Bioswale: Planted with native wild flora seed mix suited to seasonal inundation - subject to Ecologist input
  - Wildflower Meadow: Native Wildflower Seed mix suited to coastal location - subject to Ecologist input
  - Amenity Lawn: 150mm min Topsoil depth, Coburn's Low Maintenance seed, or similar and approved. Amenity grass seed mix.
  - Mounded Amenity Grass: Max. 1.5m height, 150mm min. Topsoil depth, Coburn's Low Maintenance seed, or similar and approved.
  - Bank
  - Bio-retention Tree Pit: Coordinated with Civil Engineering Proposals
- Hard Landscape**
  - Courtyard Footpaths: Resin Bound Aggregate - quartzite, buff colour
  - Courtyard Paving: Resin Bound Aggregate - granite, light/dark grey colour
  - Entrance Feature Paving: High quality Concrete Block Paving, stretcher bond pattern
  - Play Safe Surface: Wetpour Safety Surface
  - Footpath: Brushed concrete, non-slip finish
  - Surface to all the Path Leading to Park: Feature Paving, e.g. Resin-Bound Aggregate Surfacing 'Imperialis'
  - Road: with in-situ concrete kerbs, to engineer's specification.
  - Car Parking: Decking material for taking in charge to be agreed
  - Decking
  - Tactile: Blister Concrete Tactile - Buff Colour
- Furniture/Elements**
  - Natural Play Elements: Tree stumps, logs, boulders, and other elements that encourage natural, imaginative play. Made of natural materials. Play opportunities for different age groups.
  - Seating: Seating integrated on the walls of raised planters. 2000mm length.
  - Seating: Self-standing park benches, 2000mm length.
  - Raised Planter: 450mm high, 100mm thick concrete walls.
  - Visitor Cycle Parking: Stainless steel standard Sheffield Bicycle stands, or similar and approved. One stand capacity two bikes. 496 No.
  - Resident Cycle Parking: Two Tier Cycle Shelter, or similar and approved. 426 No.
- Boundary Treatment**
  - Site Boundary
  - Apartment Building Entrance Points
  - Basement Line
  - Entrance to proposed Racecourse Park: As proposed by Fingal County Council
  - Potential Additional Link to Racecourse Park: Subject to agreement with FCC Parks Dept
  - Existing Boundary Wall & Railing to be removed
  - Proposed 1.2m Railing with Native Hedgerow: Boundary with Racecourse Regional Park, consistent with GA03; Standard Bowtop Railing\*
  - Courtyard Boundary Railing and Gate: To Architects' Detail
  - Creche Railing: To Architects' Detail
  - Step Handrail: Please see Detail xx/xx on Sheet No. 1819\_PL\_D\_0X.
  - Kerb: Slipform Concrete Kerb, and/or similar approved
  - Retaining Wall: Concrete Retaining Wall

Scale 1:250

Compensatory semi-mature native tree planting - 18 no.

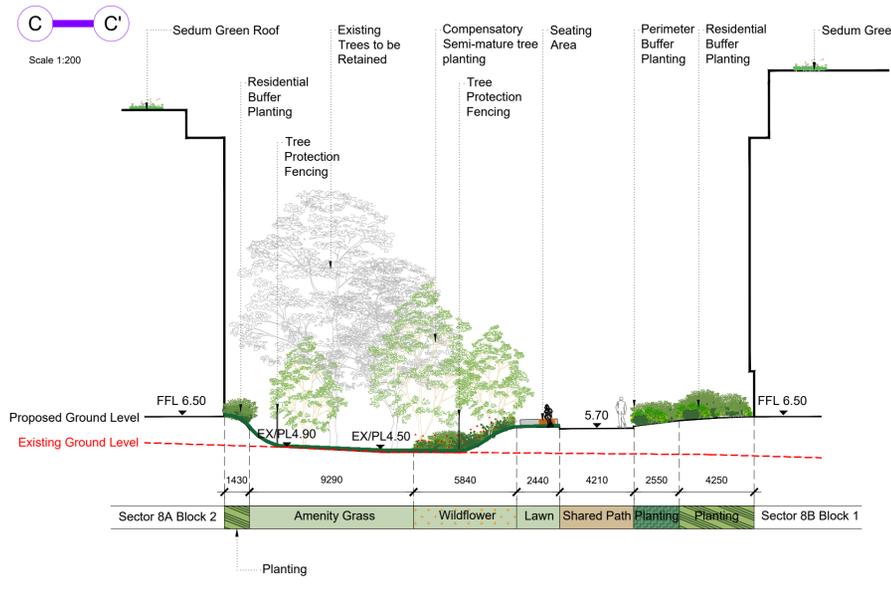
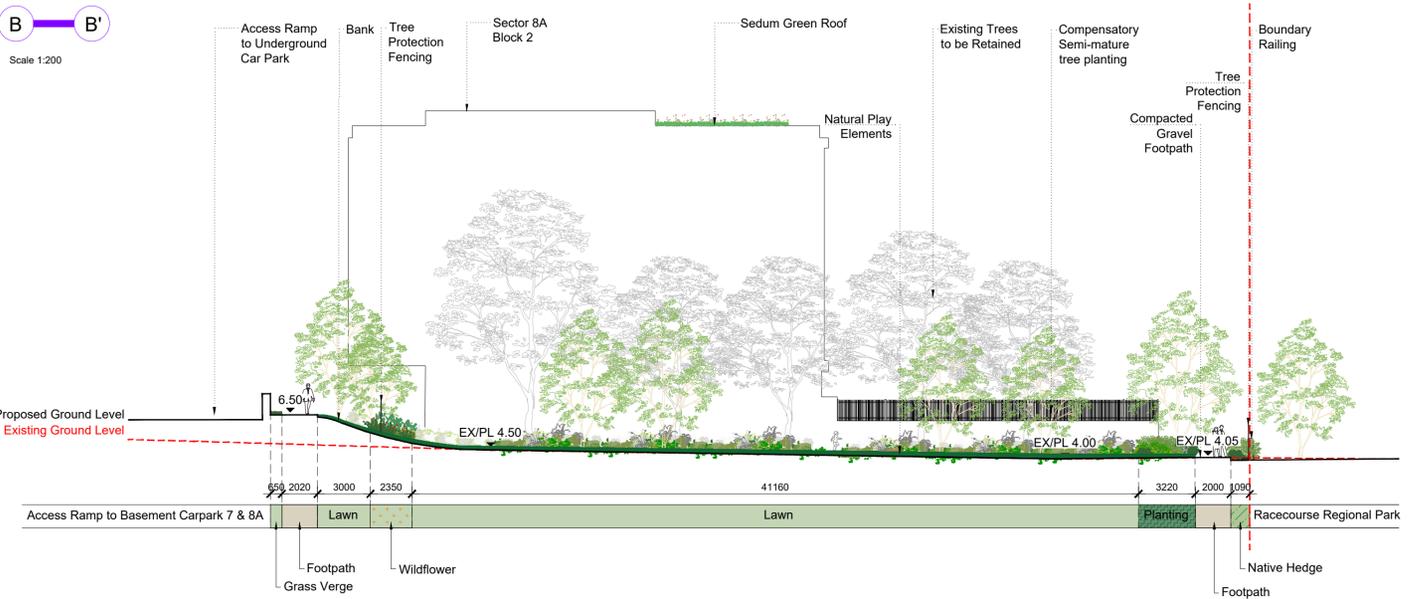
Existing trees on site consist mostly of Sycamore (*Acer pseudoplatanus*). This species is considered borderline invasive, therefore compensatory planting will consist of native and naturalised species appropriate to this landscape.

Compensatory planting includes native Oak (*Quercus robur*), Whitebeam (*Sorbus aria*) and Alder (*Alnus glutinosa*), with Field Maple (*Acer campestre*), and Lime (*Tilia cordata*). Trees to be planted as semi-mature trees: 25-30cm girth and 5.5m min. height.



**Lighting**

- EX1 8m Pole Mounted Street Light
- EX2 4m Pole Mounted
- EX3 Bollard Light
- EX4 Floor Light
- EX5 Recessed Wall Fitting
- MP Lighting Mini-Pillar



**murray & associates**  
landscape architecture

1819 PL\_P\_05\_IFP

0	16/03/22	IFP	HT	MB
REV	DATE	REVISION	DRAWN	CHECKED

CLIENT: Lismore Homes Ltd.

PROJECT TITLE: GA2 Baldoye

SHEET TITLE: Existing Tree Management Plan

SHEET NO.: 1819\_PL\_P\_05\_IFP

SHEET SIZE: A1

SCALE: As Shown

REVISION: 0

STAGE: Planning

DATE: 16/03/22