



Landscape Plan  
Scale 1:500

Biodiversity Enhancement Measures

Existing trees and hedgerows to be protected, retained and managed to maximise their visual softening of the proposed scheme and to maintain and improve the site biodiversity.  
A selective mowing regime in accordance with the 'All Ireland Pollinator Plan' will be adopted and areas of wildflower meadows will be planted to further maximise biodiversity and visual amenity.

Green Infrastructure Connectivity

While it is proposed to remove some sections of hedgerows to facilitate proposed development, the overall emphasis will be to maintain, enhance and manage sustainable hedgerow systems in the context of new site use.  
To ensure green infrastructure connectivity, new tree and hedgerow planting will create the linkages to existing hedgerows.

Landscape Design Strategy

The landscape design has evolved from a series of practical considerations and needs stemming from the end users of the development, the daily management and accessibility taking into account relevant building regulations.  
The landscape design will aim to:

- Retain and protect trees and hedgerows where possible and sustainable.
  - Establish permanent boundary treatments that will provide security but not negatively impact existing vegetation.
  - Establish planting to the perimeter of the site that will enhance and provide connections with local green infrastructure.
  - Develop planting schemes using tree, hedgerow and shrub planting together with grass and wildflower meadows that will aim to integrate the proposed development into the receiving landscape.
- The play strategy is based on providing natural play in the landscape incorporating large open grass areas for kickabout, grassy mounds, boulders and tree planting. Into this landscape a number of play items will be positioned to provide play opportunities for all ages. All equipment items will be manufactured and installed to EN1176 and located on a safety surface in accordance with EN1177.

Integral to the provision of play will be passive supervision from adjoining dwellings and apartments and also pedestrian paths that provide access through these spaces and beyond to adjoining sites.

Seating will comprise picnic tables, precast polished units and composite seat and back and galvanised and metal frame to provide rest stops, supervision of play areas and meeting spots for residents.

Key to Landscape Treatments

All trees and hedgerows have been surveyed by the consulting Arborist. Refer to their documentation for full details of all existing vegetation.

	<b>EXISTING TREES &amp; HEDGEROWS:</b> To be retained and protected during the course of the works.
	<b>TREE PLANTING:</b> Aesculus hippocastanum, 20-25cm girth, rb.
	<b>TREE PLANTING:</b> Fagus sylvatica, 20-25cm girth, rb.
	<b>TREE PLANTING:</b> Pyrus calleryana 'Charitcleer', 16-18cm girth, rb.
	<b>TREE PLANTING:</b> Acer campestre 'Elsrijk', 16-18cm girth, rb.
	<b>TREE PLANTING:</b> Pinus sylvestris, 2.0-2.5m tall, rb.
	<b>TREE PLANTING:</b> Crataegus monogyna 'Strida', 18-20cm girth, rb.
	<b>TREE PLANTING:</b> Betula pendula, 16-18cm girth, rb. (Silver Birch)
	<b>TREE PLANTING:</b> Betula pubescens, 14-16cm girth, rb.
	<b>TREE PLANTING:</b> Sorbus aucuparia 'Sheerwater Seeding', 16-18cm girth, rb.
	<b>TREE PLANTING:</b> Prunus avium, 14-16cm girth, rb.
	<b>TREE PLANTING:</b> Malus sylvestris, 14-16cm girth, rb.
	<b>TREE PLANTING:</b> Sorbus Joseph Rock', 14-16cm girth, rb.
	<b>TREE PLANTING:</b> Corylus avellana, multistem, 2.5m high, rb.

Soft Landscape Treatments

	<b>PROPOSED NATIVE EVERGREEN HEDGEROW PLANTING:</b> 70% Corylus avallana, 60-90cm br at 200mm centres 30% Ilex aquifolium, 2L, cg at 200mm centres
	<b>PROPOSED NATIVE HEDGEROW PLANTING:</b> 15% Crataegus monogyna, 60-90cm br at 250mm centres 10% Eucyrtus europaeus, 60-90cm br at 250mm centres 15% Malus sylvestris, 60-90cm br at 250mm centres 20% Rosa rugosa, 60-90cm br at 250mm centres 15% Prunus avium, 60-90cm br at 250mm centres 15% Sorbus aucuparia, 60-90cm br at 250mm centres 5% Sambucus nigra, 60-90cm br at 250mm centres 5% Ilex aquifolium, 2L cg at 250mm centres
	<b>PROPOSED POLLINATING PLANTING MIX:</b> 2L at 600mm centres Aster 'Asran' / 'Stardust' Crocosmia 'Babylon' Geranium 'Cambridge' Hemerocallis 'Stella d'or', Nepeta 'Walkers Low' Oregano 'Golden' Rudbeckia 'Goldstrum' Sedum 'Autumn Joy' Stachys 'Byzantina' Stipa arundinacea In single species blocks. All blocks to be proportionately spaced through the area to be planted.
	<b>PROPOSED WETLAND PLANTING MIX:</b> <b>Outer edges of Bio-Retention Zone:</b> Corylus avallana, 60-90cm br Viburnum opulus, 60-90cm br Frangula alnus, 60-90cm br <b>Inner portions of Bio-Retention Zone:</b> Iris pseudacorus, 2L, cg Callitha palustris, 2L, cg Glyceria fluitans, 2L, cg Persicaria amphibia, 2L, cg planted at 600mm centres in single species blocks. All blocks to be proportionately spaced through the area to be planted.
	<b>PROPOSED GRASS</b> <b>AMENITY LAWN MIX:</b> 20% Perennial Ryegrass 'Jessica', 35% Perennial Ryegrass 'Evltr', 20% Strong Creeping Red Fescue, 10% Trifolium pratense, 10% Trifolium repens, 5% Browntop Bent at 35-50g/square metre.
	<b>PROPOSED WETLAND GRASS MIX</b> 10% Creeping Bent 40% Chewings Fescue 10% Yorkshire Fog 40% Red Fescue at 35-50g/square metre.
	<b>PROPOSED WILDFLOWER GRASS MIX</b> MM02 (or similar from Design By Nature) Bersford Trefail, Black Medick, Bladder Campion, Bladder Campion, Corn Marigold, Corn Poppy, Corncockle, Cowslip, Devil's Bit Scabious, Eyebright, Meadow Buttercup, Fleabane, Lesser Knapweed, Meadowsweet, Ox-eye Daisy, Purple Loosestrife, Ragged Robin, Red Clover, Ribwort Plantain, Selfheal, St Johnswort, Water Avenas, Woundwort, Wild Angelica, Yarrow, Yellow Agrimony, Yellow Rattle, at 1.5g/square metre.
	<b>PROPOSED SAFETY GRASS</b> Safa Grass Safety Surface manufactured, supplied & installed to EN1177.

Hard Landscape Treatments

	<b>PROPOSED SURFACE TREATMENT 1</b> Concrete footpath
	<b>PROPOSED SURFACE TREATMENT 2</b> Tarmacadam road
	<b>PROPOSED SURFACE TREATMENT 3</b> Permeable Concrete block paving at 80mm depth
	<b>PROPOSED SURFACE TREATMENT 4</b> Shared surface road - to engineers details
	<b>PROPOSED SURFACE TREATMENT 5</b> Tarmacadam path with concrete kerb
	<b>PROPOSED SURFACE TREATMENT 6</b> Raised Table-to engineers details

SITE FURNITURE

	<b>PROPOSED EQUIPMENT</b> Play items to EN1176
	<b>PROPOSED SEATING</b> Composite Seat with armrest on stainless steel frame
	<b>PROPOSED FEATURE 1</b> Boulders of various sizes
	<b>PROPOSED FEATURE 2</b> Old Tree Logs and stumps