



Key to Landscape Treatments

Existing Features

Existing trees and hedgerows have been surveyed by the Tree File Ltd. Please refer to the Tree Survey, Report and Arboricultural Impact Assessment for full details.

EXISTING VEGETATION
Existing hedgerows to be retained and protected during the course of construction.

EXISTING TREES
Existing trees to be retained and protected during the course of construction.

Tree Planting

PROPOSED TREE PLANTING:
9 No. *Amelanchier canadensis*, 16-18cm grth. db.
7 No. *Fagus sylvatica*, 16-18cm grth. db.

PROPOSED TREE PLANTING:
4 No. *Salix caprea* 'Tortuosa', 14-16cm grth. db.

PROPOSED TREE PLANTING:
30 No. *Plusia glauca*, 200-300cm tall. db.

PROPOSED TREE PLANTING:
52 No. *Crataegus monogyna* 'Spiralis', 14-16cm grth. db.

PROPOSED TREE PLANTING:
76 No. *Acer campestre* 'Erythra', 14-16cm grth. db.

PROPOSED TREE PLANTING:
42 No. *Quercus robur* 'Ferdinand', 14-16cm grth. db.

PROPOSED TREE PLANTING:
37 No. *Prunus cistina* 'Charlesii', 14-16cm grth. db.

PROPOSED TREE PLANTING:
173 No. *Betula pendula*, 14-16cm grth. db.

PROPOSED TREE PLANTING:
113 No. *Alnus glutinosa*, 14-16cm grth. db.

PROPOSED TREE PLANTING:
117 No. *Prunus avium*, 14-16cm grth. db.

PROPOSED TREE PLANTING:
109 No. *Sorbus aucuparia*, 14-16cm grth. db.

PROPOSED TREE PLANTING:
62 No. *Viburnum lantana*, 120-150cm tall. eq.

Soft Landscape Treatments

PROPOSED CONTOURS
Minimum 1200mm above finished grade, smooth and flowing contours.

PROPOSED HEDGEROW PLANTING:
Panicum capillare, 300-400mm centres.

PROPOSED NATIVE HEDGEROW PLANTING:
15% *Crataegus monogyna*, 60-90cm or at 250mm centres
10% *Sorbus aucuparia*, 60-90cm or at 250mm centres
10% *Malus sylvestris*, 60-90cm or at 250mm centres
10% *Prunus avium*, 60-90cm or at 250mm centres
10% *Sorbus aucuparia*, 60-90cm or at 250mm centres
10% *Sambucus nigra*, 60-90cm or at 250mm centres
10% *Salix caprea*, 60-90cm or at 250mm centres

PROPOSED NATIVE HEDGEROW PLANTING
UNIFORM:
25% *Acer campestre*, 60-90cm or at 250mm centres
25% *Crataegus monogyna*, 60-90cm or at 250mm centres
10% *Malus sylvestris*, 60-90cm or at 250mm centres
10% *Prunus avium*, 60-90cm or at 250mm centres
10% *Sorbus aucuparia*, 60-90cm or at 250mm centres
10% *Sambucus nigra*, 60-90cm or at 250mm centres
10% *Salix caprea*, 60-90cm or at 250mm centres

PROPOSED SHRUB PLANTING MIX:
LOW LEVEL SPECIES:
Agapanthus 'Blue Lilies', 2L at 600mm centres
Aster multiflorus 'Splendens', 2L at 600mm centres
Bergenia ciliolata, 2L at 600mm centres
Campanula 'Blue Chimes', 2L at 600mm centres
Hedera helix 'Hibernica', 2L at 600mm centres
Lavandula angustifolia 'Vera', 2L at 600mm centres
Ostrya virginica 'Cambridge Bay', 2L at 600mm centres
Hemerocallis 'Blue Spirit', 2L at 600mm centres
Saxifraga coccinea 'Sunrise', 2L at 600mm centres
Viola miris, 2L at 600mm centres
In single species blocks, all back to the proportionally spaced through the area to be planted.

PROPOSED GRASS:
AMBIENT LAWN MIX:
20% Perennial Progress 'Spiral'
35% Perennial Progress 'Futura'
20% Strong Creeping Red Fescue
10% Chequers Fescue
10% Standard Creeping Red Fescue
5% Bowditch Bent
@ 35-50sqm/metre.

PROPOSED PLAY SURFACE:
Safe Grass Safety Matting manufactured and installed to EN1177.

PROPOSED MEADOW:
Grass areas to be left unmown and strimmed twice yearly to encourage wild flower establishment.

Hard Landscape Treatments

PROPOSED SURFACE TREATMENT 1:
Tarmac

PROPOSED SURFACE TREATMENT 2:
Permeable Concrete Block paving at 80mm depth

PROPOSED SURFACE TREATMENT 3:
Concrete Slab paving at 80mm depth

PROPOSED SURFACE TREATMENT 4:
Concrete

PROPOSED SURFACE TREATMENT 5:
Coloured macadam

The National Biodiversity Data Centre has put in place The All Ireland Pollinator Plan 2015-2020 which is about providing food and shelter across all land types so that our pollinators (bees and hover flies) can survive and thrive. By protecting and enhancing these habitats its envisaged that we can create a resilient and healthy biodiversity.

In accordance with the All Ireland Pollinator Plan 2015-2020, pollinator friendly actions are proposed within this landscape scheme in order to make the site more pollinator friendly.

Pollinator Action: Reduce Mowing
It is proposed to create zones within the site of the proposed development whereby reducing the frequency of mowing allows wildflowers to flower among the longer grasses.

Pollinator Action: Pollinating Friendly Planting
It is proposed to plant species that ensure flowers blooming throughout March to October. Native species are prioritised in order to provide food for pollinators.