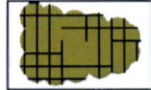


LEGEND

VEGETATION

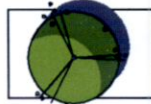


Maintained and protected existing Scrub Thicket



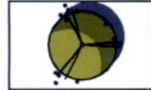
Proposed Feature Trees - 4no.
Planted as individuals in public open space

Betula pubescens, 30-35cm, 6-6.5m ht
Pinus sylvestris, 20-25cm, 4-4.5m ht
Tilia x europea, 30-35cm, 6-6.5m ht
Quercus petraea, 30-35cm, 6-6.5m ht



Proposed Medium/Large Street Trees - 16no.
Planted in mixed species groups or lines on individual streets:

Acer campestre 'Elsrijk' 14-16cm gth, 4-6m ht
Betula pendula 14-16cm gth, 4-6m ht
Sorbus aucuparia 14-16cm gth, 5-6m ht
Tilia cordata 'Greenspire' 16-18cm, 5-6m ht *
Ulmus 'Lobel' 16-18cm, 5-6m ht



Proposed Street Trees - Homezones - 58no.
Planted in mixed species groups or lines on individual streets:

Amelanchier lamarckii 8-10cm, 3-4m ht
Crataegus monogyna 8-10cm, 3-4m ht
Pyrus 'Chanticleer'*, 14-16cm, 3-4m ht
Sorbus aria 'Lutescens'*, 14-16cm, 3-4m ht
*Sorbus aucuparia**, 12-14cm, 2.5-3.5m ht



Proposed Parkland Trees - 31 no.
Planted in mixed species groups or lines on individual streets:

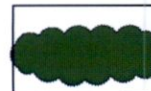
Alnus glutinosa 14-16cm gth, 4-6m ht
Betula pendula 14-16cm gth, 4-6m ht
Betula pubescens 14-16cm gth, 4-6m ht
Pinus sylvestris 14-16cm gth, 4-6m ht
Populus tremula 14-16cm gth, 4-6m ht
Quercus robur 14-16cm gth, 4-6m ht

Along the bridge:
Quercus petraea 'Columna', 14-16cm gth, 4-6m ht



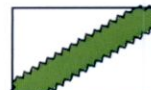
Large Shrubs
2- 3m ht., Rootball

Amelanchier lamarckii (multi stem)
Betula pendula (multi stem)
Corylus avellana
Euonymus europaea
Forsythia x intermedia
Malus sylvestris
Prunus spinosa
Rosa canina
Sambucus nigra
Sorbus aucuparia
Viburnum davidii



Proposed native Hedge Planting, 165ml
Dim.: 60-90cm transplants at 5/ lin.m. or 1m centers in buffer zone

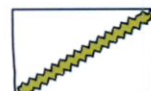
Prunus spinosa - 1+2, B, 80-100cm height - 20%
Crataegus monogyna - 1+1, B, 80-100cm height - 20%
Corylus avellana - 1+2, B, 60-80cm height - 10%
Ilex aquifolium - 2L C, 40-60cm height - 15%
Malus sylvestris - 14-16cm girth 3-4m ht - 10%
Rosa canina - 1+2, B, 60-80cm height - 15%
Sambucus nigra - 1+2, B, 60-80cm height - 10%



Formal Hedge Planting
Planted in staggered rows of single species 60-90cm at 3/lin.m

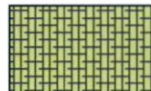
Carpinus betulus
Ilex crenata
Ilex aquifolium "Alaska"
Prunus lusitanica
Taxus baccata

Eleagnus ebbingei
Griselinia littoralis
Fagus sylvatica



Climbers along the bridge retaining wall
Planted on metal climbing structure; stainless steel wire trellis, Supplier: Jacob Rope Systems or similar

Hedera helix
Lonicera periclymenum
Pyracantha coccinea



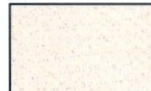
Species rich meadow grassland
incorporating shade tolerant understorey to ecology corridor - Sowing 1.5 grams per metre

Recommended product:

Sandro's Irish Wildflower Conservation Grade Seed Mixture:
Range: Designer Wild Flower Mixtures (Code DW)
Product Name: Short Cut Floral Lawn
Product Code: DW01

Sample species include:

Birdsfoot Trefoil, Black Meddock, Burnet Saxifrage, Century, Wild Chamomile, Cowslip, Eyebright, Meadow Buttercup, Marjoram, Red Bartsia, Mallow, Forget-me-not, Hoary Plantain, Kidney Vetch, Lady's Bedstraw, Ox-eye Daisy, Red Clover, Ribwort Plantain, Rough Hawksbit, St Johnswort, Wild Carrot, Sorrel, Yarrow, Quaking Grass, Lady's Smock, White Bedstraw, Selfheal, Smooth Hawksbit, Com Marigold, Com Poppy, Cornflower, Corncockle, Scented Mayweed



Wildflower Planting

Recommended product:

Sandro's Irish Wildflower Conservation Grade Seed Mixture: Range: Designer Wild Flower Mixtures (Code DW) Product Name: Medium Height Wildflower

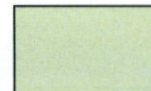
Meadow Mixture Product Code: DW02

Species List: Birdsfoot Trefoil, Black Meddock, Devil's Bit Scabious, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Cowslip, Eyebright, Fleabane, Kidney Vetch, Lady's Bedstraw, Lesser Knapweed, Marjoram, Scented Mayweed, Ox-eye Daisy, Ribwort Plantain, Red Campion, Red Clover, Red Bartsia, Rough Hawksbit, Selfheal, Sorrel, St Johnswort, White Campion, Wild Carrot, White Clover, Yarrow, Yellow Rattle



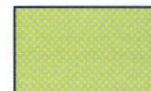
Grass Seeding - Public Grass

Following grading and cultivation above level and rake seed bed to fine tilth. Remove stones greater than 75mm dia. Sow lawn seed mix No 3 to specification.



Grass Seeding - Rear Gardens

Following grading and cultivation above level and rake seed bed to fine tilth. Remove stones greater than 75mm dia. Sow lawn seed mix No 2 to specification.



Bulb Planting

Naturalise swatches 10bulbs/ sqm over the 175sqm

15% *Anemone nemorosa* 30% *Hyacinthoides non-scripta*
15% *Ajuga reptans* 20% *Crocus tommasinianus*
20% *Alium triquetrum*



Ornamental Planting

In random naturalistic arrangement planted in single specie groups of between 3-7 plants generally concentrate smaller plants towards edges of paving

Low to medium height shrubs planted 3/m2

*Viburnum tinus** 45-60cm 3L pot
*Philadelphus coronaries** 45-60cm 3Lpot
Pachysandra terminalis 2L pot at 5/m²
Lonicera pileata 45-60cm 3L pot
Lavendula angustifolia * 45-60cm 3L pot
*Hebe 'Mrs Winder'** 45-60cm 3L pot
*Helleborus niger** 2L pot at 5/m²

Perennial Planting

*Verbena bonariensis**
*Sedum 'Brilliant'**
*Agastache 'Black Adder'**
*Knautia macedonica**
*Echinacea purpurea**
*Achillea sp. (deep reds/whites)**



Swale Planting

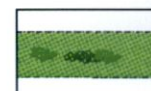
Low-Medium height shrubs/plants. Max height 60-150mm. 2L min. pot size and planted at 5/m² unless specified

For the base and inlet on moisture-retentive soils

Actaea racemosa *Iris pseudocorus*
Butomus umbellatus *Lythrum salicaria*
Caltha palustris *Typha angustifolia*
Lychnis flos-cuculi

Plants tolerate temporarily wet soil as well as dry

Ajuga reptans *cespitosa*
Astilbe x crispa *Eupatorium cannabinum*
Lythrum salicaria *Filipendula vulgaris*
Campanula *Iris pseudacorus*
Deschampsia *Iris sibirica*



Bioretention Area

Plants tolerate temporarily wet soil as well as dry

Ajuga reptans
Astilbe x crispa
Carex pendula / *C. elata* 'Aurea'
Lythrum salicaria
Ligularia przewalskii
Monarda didyma

Deschampsia cespitosa
Eupatorium cannabinum
Filipendula vulgaris
Iris pseudacorus / *I. sibirica*

PLANTING NOTES

GENERAL CLEARANCE BEFORE PLANTING AND SPREADING TOPSOIL

- All rubble, stone over 150 mm, 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 (see spec for depths) and removed from site to an approved tip prior to any cultivation works.
- The planting area shall be treated with an approved herbicide 2 weeks before spreading topsoil.

SITE PREPARATION

- Following herbicide treatment (duration depending on herbicide type) the entire area shall be leveled to a medium grade prior to topsoil being spread.
- Topsoil to be cultivated so free of grass, pernicious weeds and weed seed, stones larger than 50 mm and other debris. Similarly the top 50 mm of subsoil for grass areas should be free of grass, pernicious weeds and weed seed, stones larger than 30 mm and other debris.
- Topsoil to be spread in 150 mm layers and gently firmed. Subsoil to be spread in 300 mm layers and gently firmed.

PLANT MATERIAL

- All plant material shall be pest and disease free.
- Topsoil shall be supplied in accordance with BS3882.
- All plants to be planted at the same depth as previously grown.
- 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 year for planting:

- Deciduous trees and shrubs : November to March.
 - Conifers and evergreens : November to March.
 - Container grown plants : At any time if ground and weather conditions are favorable.
 - Watering and weed control : Provide as necessary.
- Refer to Plant Schedule for species, sizes and planting densities.

Whips

- All whips to be pit planted as per detail.
- Soil ameliorants can be premixed with the soil applied or mixed in during planting.
- Soil ameliorants to consist of an approved compost at 10L per m²; and 50g/m² of 10.10.10 NPK slow release fertilizer.

Trees

- Soil ameliorants to consist of an approved compost, at 20L for each feathered tree and 12-14cm gth tree, 35L for each 14-18cm gth tree and 50L for each 20-25 cm gth tree and 150g/tree of 10.10.10 NPK slow release fertilizer.
- For further details, see drawing no. tree planting details.

Hedges

- Soil ameliorants can be premixed with the soil applied or mixed in during planting, but must be through full width of trench.
- Soil ameliorants to consist of an approved compost at 10L per m²; and 50g/m² of 10.10.10 NPK slow release fertilizer.

REV	DATE	AMENDMENT
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PROJECT: CLONBARRIS CAIRN T3	DATE: APRIL 2023
DRAWING: PLANTING SCHEDULE	SCALE: NTS @ A3
	DRAWN: SH, KF
	CHECKED: SH
	DRAWING NO: 22234-1-109