

Dun Laoghaire Rathdown County Council

Public Realm & Plaza - East/North of Waldemar Terrace

Landscape Report November 2026

dlr Comhairle Contae County Council

DBFL CONSULTING ENGINEERS

áit urbanism + landscape

Revision	Date	Description	Approved
-	11.11.2026	First Issue	DM

This document is to be read in conjunction with the following accompanying drawings:

26DR02_DR-0100	Landscape Plan
26DR02_DR-0400	North - South Sections
26DR02_DR-0401	Sections Through Play Area

Contents

1.0 Introduction

2.0 Landscape Strategy

3.0 Hard Landscape

4.0 Soft Landscape



William Dargan Bridge, Dundrum

01

Introduction

1.1 Existing Site Conditions

1.2 Site Photos

1.1 Existing Site Conditions

The Site is located at the junction between the Dundrum Bypass and Taney Road.It's main function currently is a Bus Terminal for TFI bus routes around the Dundrum area.

The William Dargan Luas Bridge runs above the site to the north east, leaving a large sheltered area below it. The Dundrum Luas stop can be accessed by lift in the middle east of the site, or by stairs to the south east of the site.

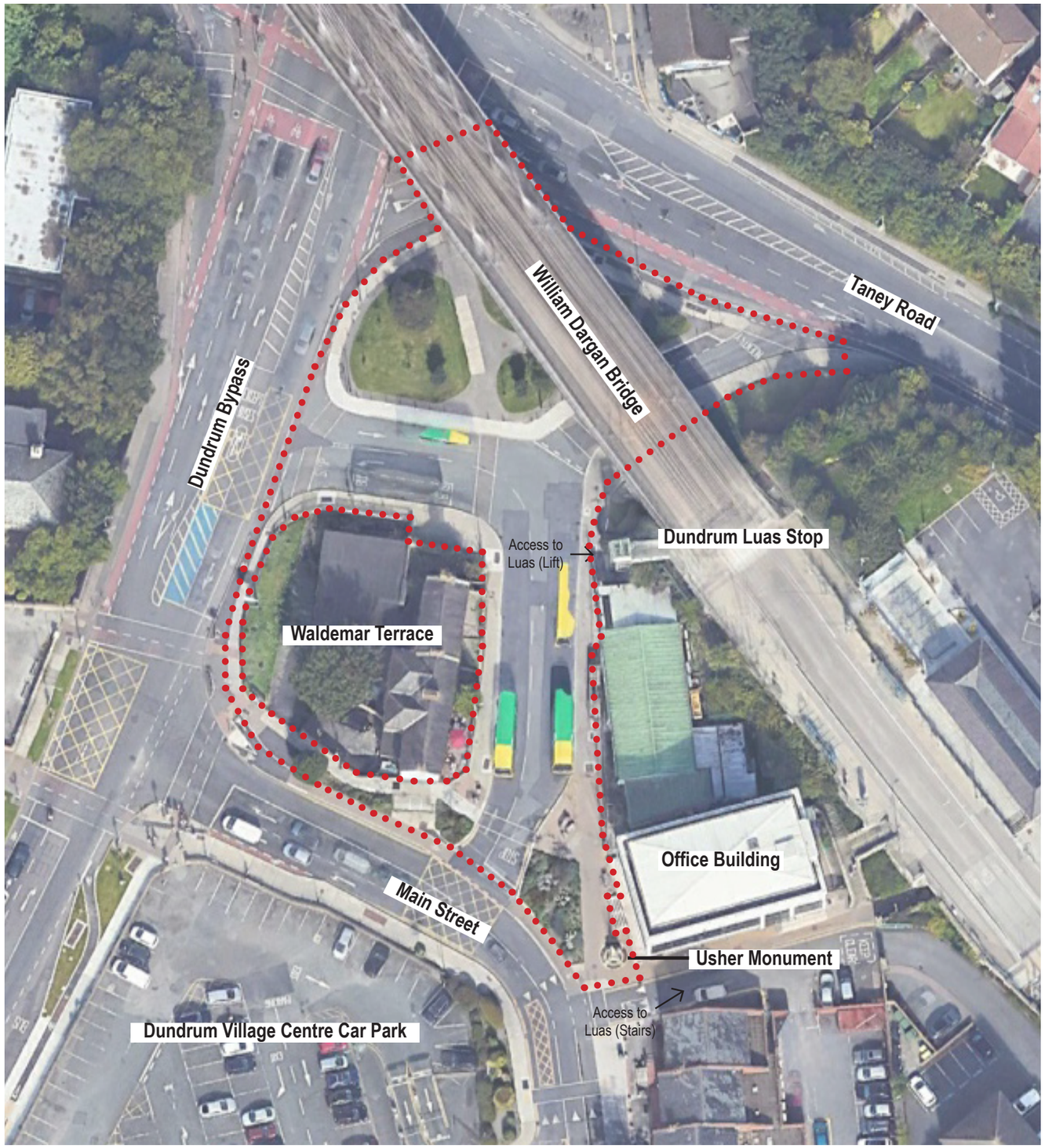
Waldemar Terrace, which is not part of our scope of works, sits to the south west of the site, which consists of a Terrace of Historic red brick buildings dating back to the early 1900s.

To the south east of the site is the Usher Monument, which was erected following the death of Dr. Isaac Usher, a popular resident of Dundrum at the beginning of the 20th century. It is the only monument of it's kind in Dundrum.

South of the site are in ground planting beds and a bike shelter, which is well used by cylists in the area. There are also some areas of lawn and tree planting to the north of the site, however they present in poor condition due to the rain shadow cast by the William Dargan Bridge above them.

There are few places to stop and sit in the area, and it is used mainly as a throughway to and from the Luas stop by pedestrians.

A cycle track runs along the western perimeter of the site toward Main Street to the South. The site was historicallly crossed through the middle by the Dundrum to Windy Arbour Road.



1.3 Site Photos



Usher Monument



Bus Terminal at Waldemar Terrace



Bike Shelter and Planting Bed



View Under Bridge



View Under Bridge from Taney Road



View Under Bridge from Junction

02

Landscape Strategy

2.1 Landscape Masterplan

2.2 Strategy Breakdown

2.3 Landscape Sections

2.1 Landscape Masterplan

The Plan sees a fully pedestrianised plaza, with an emphasis on axial connection from Main Street. A tree line along Waldemar Terrace reinforces this axis, as well a slight change in paving material.

A seating area to the east sees a series of nooks for groups to gather in a more intimate setting in the plaza, while providing views toward Waldemar Terrace between Trees.

The Centre of the plaza, partially enclosed by planting to the west, features a universally accessible circular podium for events/performers.

West of this, a SUDs bioretention area makes up most of the planting east of the winding path, to catch runoff from the centre of the plaza. Denser planting is proposed to the west of the path, to screen and buffer noise from the busy road beyond. In this area, informal and passive play is encouraged, through features such as low undulating walls and stepping logs through the SUDs features.

North of Waldemar Terrace is a Rain Garden with paving sleepers staggered throughout to encourage movement and interaction throughout the planted areas.

Under William Dargan Bridge, a series of multifunctional seating elements are proposed, to create an opportunity for sheltered rest and encourage use of the unique space.

North East of this, a planting bed with undulating walls and seating edges is proposed to enclose the space from Taney Road.

A Mobility Hub is Proposed to the North of the Plaza, under William Dargan Bridge, with features such as a bike repair station, bike pump, and an abundance of cycle parking to encourage sustainable transport.

To the South, another proposed Rain Garden runs along the cycle track, with staggered paving sleepers throughout to mimick planting to the north. West of this, the retention of the existing bike shelter and planting bed is proposed.



2.2 Strategy Breakdown



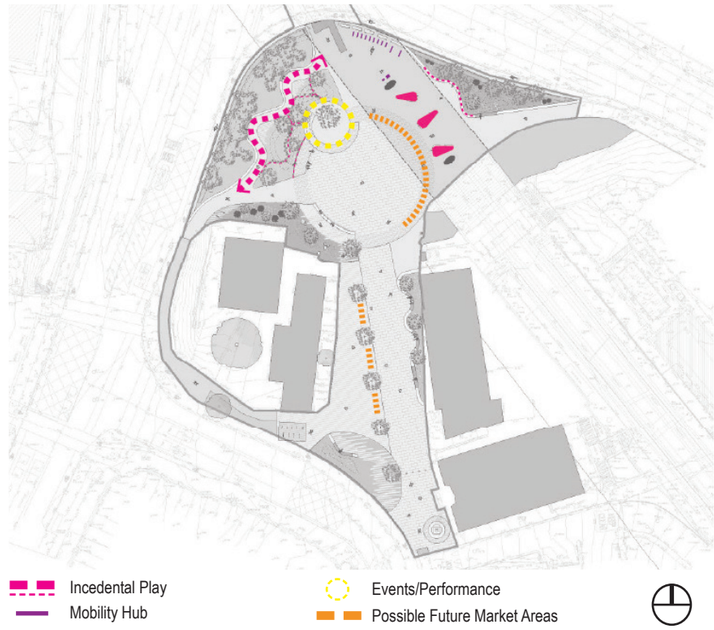
Seating

There are a number of different seating types proposed in the scheme. While most seating edges are age-friendly, there are also a number of informal seating edges along planters/ in the centre of the scheme. There are also designated areas for wheelchair users to pull in adjacent to other seating edges. Sculptural feature seating is proposed under the bridge to provide an interesting contrast and attract pedestrians to use the space.



Green Infrastructure

A number of different types of GI are proposed around the scheme. SUDs features will be introduced in key areas to alleviate the need for positive drainage measures. A number of Native specimen and ornamental trees are proposed around the scheme, with pollinator friendly planting being introduced around planting beds. A lawn/meadow area is also proposed to the north west.

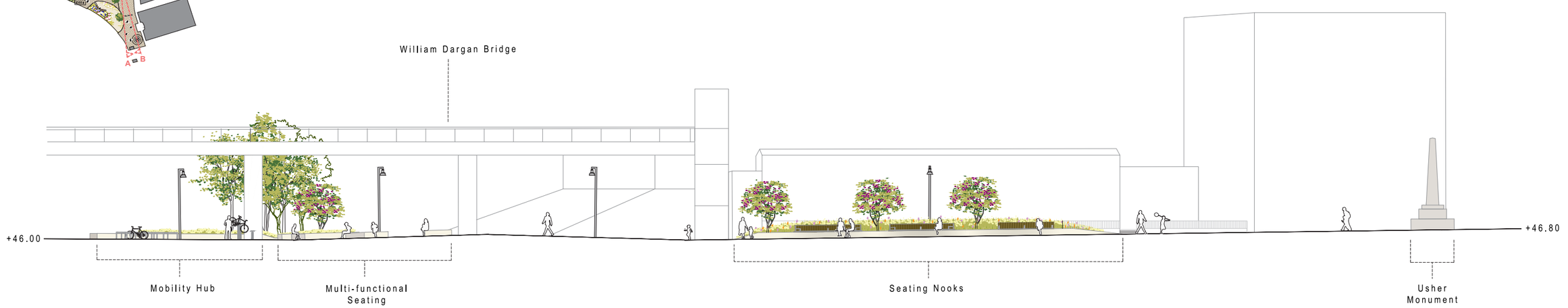


Activities

Proposed activites are concentrated to the north of the scheme. Key activies include informal play to the west, performance/events in the centre, and a possible future market area in the centre and opposite Waldemar Terrace.

2.3 Landscape Sections





AA : Through Middle of Scheme Eastward



BB : Through Middle of Scheme Westward

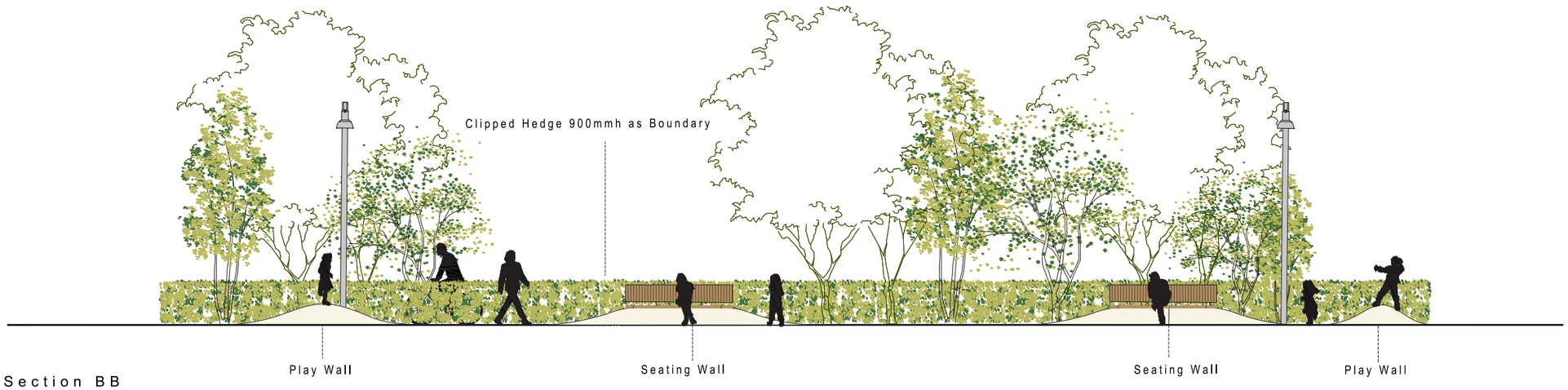
2.3 Landscape Sections



Key Plan



Section AA



Section BB

03

Hard Landscape

3.1 Surface Materials

3.2 Furniture + Play

3.1 Surface Materials



Granite Flags and Setts



Resin Bound Gravel

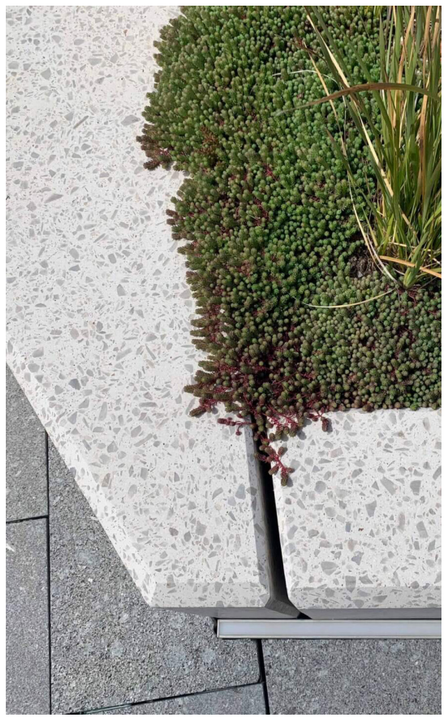


Elongated Narrow Granite Pavers



Granite Sleepers through Planted Areas

3.2 Furniture + Play



Polished Concrete Seating Edges



Timber + Steel Age-Friendly Seating



Timber + Concrete Seating Edges



Multifunctional Seating



Timber Stepping Logs



Undulating Play Wall

04

Soft Landscape

4.1 Planting Palette

4.1 Planting Palette

Pollinator friendly

Biodiversity enhancing

Shade tolerant planting

Sunny exposure planting

Native planting

Sensory mix

Street and avenue trees

Specimen trees, park trees and general

Flowering, ornamental and multi-stem trees

Pollinator Friendly Hedging

Shrubs

Pollinator Planting

Rain Garden Planting

Meadow

Grassland

4.1 Planting Palette

T Trees

Tree Line at Waldemar Terrace

Gleditsia triacanthos	Honey Locust
Platanus x hispanica	London Plane
Tilia cordata 'Greenspire'	Small-leaved Lime



Gleditsia triacanthos



Platanus x hispanica



Tilia cordata 'Greenspire'

Small Ornamental Trees

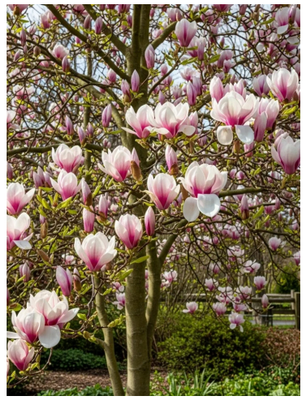
Amelanchier lamarckii	Snowy mespilus
Arbutus unedo	Strawberry Tree
Cornus kousa 'China Girl'	Dogwood
Magnolia grandiflora	Southern Magnolia
Magnolia x soulangeana	Saucer Magnolia



Amelanchier lamarckii



Cornus kousa



Magnolia soulangeana

Large Specimen/ Character Trees

Betula pendula	Silver Birch
Fagus sylvatica	Beech
Pinus sylvestris	Scots Pine
Sorbus aria 'Lutescens'	Silver WhiteBeam



Sorbus aria 'Lutescens'



Betula pendula



Pinus sylvestris

Medium Trees

Acer campestre	Field Maple
Alnus glutinosa	Alder
Corylus avellana	Hazel
Crataegus monogyna	Hawthorn

4.1 Planting Palette

P Pollinator Planting

PF Full Sun

Majority of the plants listed on All-Ireland Pollinator Plan 2015-2020, Pollinator Friendly Planting Code or the RHS Plants for Pollinators.

Perennials:
Centaurea atropurpurea
Cirsium rivulare
Euphorbia characias,
Echinops bannaticus
Erigeron karvinskianus
Erysimum 'Bredon'
Gerenium 'Rozanne'
Gerenium 'Johnson Blue'
Helleborus argutifolius
Knautia macedonica,
Nepeta 'Kit Kat'
Perovskia atriplicifolia 'Blue Spire'
Pulmonaria officinalis
Rudbeckia fulgida 'Goldstrum'
Salvia nemerosa
Stachys byzantina

Ornamental Grasses and Sedges; for mid-Winter interest, max. 30% of any planted area:
Calamagrostis 'Waldenbuch'
Carex elata (N)
Deschampsia cespitosa
Helictotrichon sempervirens
Molinia Caerulea (N)
Sesleria autumnalis

Bulb Underplanting
Allium c.vars
Narcissus c.vars





Helictotrichon sempervirens



Allium 'Christophii'



Knautia macedonica



Rubeckia fulgida 'Goldstrum'

4.1 Planting Palette

PS Shade

Majority of the plants listed on All-Ireland Pollinator Plan 2015-2020, Pollinator Friendly Planting Code or the RHS Plants for Pollinators.

Perennials:
Anemone hupehensis
Aenmone x hybrida
Bergenia cordilfolia 'Rubra'
Brunnera 'Jack Frost'
Brunnera 'Looking Glass'
Digitalis purpurea
Geranium macrorrhizum
Helleborus orientale
Helleborus 'White Lady'
Heuchera 'Lime Marmalade'
Lysimachia nummularia 'Aurea'
Persicaria affinis 'Darjeeling Red'
Pulmonria 'Blue Ensign'
Rodgersia 'Dark Pokers'
Vinca minor

Ornamental Ferns; for mid-Winter interest, max. 30% of any planted area:
Blechnum spicant
Dryopteris affinis
Polstichum setiferum

Bulb Underplanting
Anemone nemerosa (N)
Crocus
Galanthus nivalis
Hyacinthoides non-scriptus (N)


Dryopteris affinis


Bergenia cordifolia 'Rubra'


Brunnera 'Jack Frost'


Rodgersia 'Dark Pokers'

4.1 Planting Palette

PX Sensory mix

Majority of the plants listed on All-Ireland Pollinator Plan 2015-2020, Pollinator Friendly Planting Code or the RHS Plants for Pollinators.

Perennials:
Chamaemelum nobile
Helichrysum italicum
Nepeta 'Kit Kat'
Oreganum vulgare 'Aureum'
Lavandula angustifolia
Perovskia atriplicifolia 'Blue Spire'
Rosmarinus officinalis
Salvia officinalis
Stachys byzantina
Teucrium fruticans
Thymus serpyllum
Verbena 'Lollipop'

Bulb Underplanting
Allium c.vars



Nepeta 'Kit Kat'



Oreganum vulgare 'Aureum'



Rosmarinus officinalis



Stachys byzantina

4.1 Planting Palette

Rg Rain-gardens plants list

Shrubs species:
Oregon Grape *Mahonia eurybracteata* ‘Soft Caress’
Sweet Box *Sarcocca confusa*
Skimmia *Skimmia japonica* ‘Rubella’

Perennials species (listed on All-Ireland Pollinator Plan 2015-2020):
Achillea filipendulina
Amsonia tabernaemontana var salicifolia
Anemone x hybrida ‘Honorine Jobert’
Calamintha ‘Blue Cloud’
Iris pseudoacorus
Iris sibirica
Polemonium caeruleum
Rudbeckia fulgida
Verbena bonariensis ‘Lollipop’
Veronicastrum virginicum ‘Album’
Libertia formosa
Libertia grandiflora
Luzula nivea
Luzula sylvatica
Lythrum salicaria

Ornamental grasses:
Carex elata (native plant)
Deschampsia cespitosa
Helictotrichon sempervirens
Molinia caerulea (native plant)

Shrubs


Mahonia eurybracteata


Sweet Box


Skimmia

Perennials


Verbena


Japanese anemone


Polemonium caeruleum


Luzula nivea


Libertia grandiflora

Grasses


Molinia caerulea


Carex elata


Helictotrichon sempervirens

4.1 Planting Palette

G Meadow and Grassland

GL1 Low Sward Meadow

Suitable for occasional cutting (every 6 weeks approx. from March – October). Suitable for roadside verges as sightlines for traffic safety can be maintained. Leave sward uncut during month of May. Verges can be seeded with a wildflower / grass mix of native species. Remove arising with each cut.

Ratio of Wildflower to Grass Seed; 70:30. Sowing rate 2gr / m2 approx.

Wildflowers:

Lady's Bedstraw	*Galium verum*
Bugle	*Ajuga reptans*
Meadow Buttercup	*Ranunculus acris*
Wild Chamomile	*Chamaemelum nobile*
Red Clover	*Trifolium pratense*
Cowslip	*Primula veris*
Oxeye Daisy	*Leucanthmeum vulgare*
Smooth Hawksbit	*Leontodon saxatilis*
Ribwort Plantain	*Plantago lanceolata*
Quaking Grass	*Briza media*
Selfheal	*Prunella vulgaris*
Sorrel	*Rumex acetosa*
Birsdfoot Trefoil	*Lotus corniculatus*
Yarrow	*Achilliea millefolium*
Kidney Vetch	*Anthyllis vulneraria*

Native Grasses:

Creeping Bent	*Agrostis stolonifera*
Crested Dogstail	*Cynosurus cristatus*
Meadow Fescue	*Festuca pratensis*
Sheeps Fescue	*Festuca ovina*
Slender Red Fescue	*Festuca rubra*
Timothy	*Phleum pratense*
Smooth Stalked Meadowgrass	*Poa pratensis*

Bulb Mix (5 bulb types combined in equal proportions, planted 25 bulbs / m2)
20% *Allium species,* 20% *Crocus*, 20% *Galanthus*, 20% *Narcissus*, 20% *Scilla*



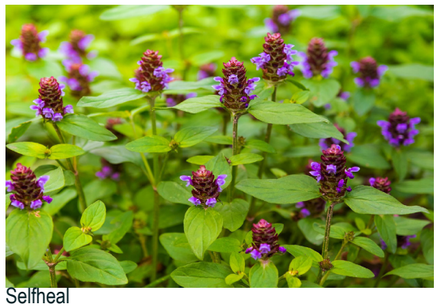



Oxeye Daisy


Red Clover


Yarrow


Cowslip


Selfheal

4.1 Planting Palette

Pollinator and Biodiversity Friendly Hedging

Escallonia ‘Apple Blossom’
Ilex aquifolium
Ligustrum ovalifolium
Ligustrum vulgare
Rosmarinus officinalis ‘Miss Jessopp’s Upright’
Taxus baccata



Ligustrum ovalifolium



Escallonia ‘Apple Blossom’



Ilex aquifolium





Rosmarinus officinalis

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Registered Landscape Architect

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