SOFT LANDSCAPE PLAN

Large Scale Residential Development at Blackglen Road, Sandyford, Dublin 18
sc1:500

Tree Planting Specification

Tree planting throughout the scheme has been selected to blend the development in to its surrounding environs and create focal points within the development. The tree species selected will maximise food and nectar sources for birds and invertebrates. Trees will be planted as Standard and Heavy Standard to provide a reasonable degree of instant maturity to the development. All trees shall be planted between the months of Nov and March. The trees shall be purchased from a reputable nursery as rootball specimens and final order to be agreed by Landscape Architect; The trees shall be planted on delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be healed in. Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000Lt / Tree/ Month.

Oak/Birch Boundary - 2,915.5sq.m.

Trees

Code	Scientific name	Common Name	Size	Quantity
Bp	Betula pendula	Silver Birch	r/b, 3x trpt 14-18cm girth	9
Bpu	Betula pubescens	Downy Birch	r/b, 3x trpt 14-18cm girth	8
Ia	Illex aquifolium	Holly	r/b, 3x trpt 14-18cm girth	7
Qp	Pedunculate Oak	Quercus petraea	r/b, 4x trpt 18-20cm girth	10
Qr	Sessile Oak	Quercus rober	r/b, 3x trpt 14-18cm girth	5

Large Shrubs

	Blechnum spicant	Hard Fern	c/g 2L	1200
	Crataegus monogyna	Hawthorn	b/r 1.0m tall	290
	Cytisus scoparius	Broom	c/g 2L	600
	Digitalis purpurea	Foxglove	c/g 2L	1200
	Illex aquifolium	Holly	b/r 1.0m tall	290
	Malus sylvestris	Crab Apple	b/r 1.0m tall	290
	Myrtus communis	Myrtle	c/g 2L	1200
	Prunus spinosa	Blackthorn	b/r 1.0m tall	290
	Sambucus nigra	Elder	b/r 1.0m tall	290

Conifers Boundary (dominated by Heather & Scots Pine) - 4,995.6sq.m.

Trees

Bp	Betula pendula	Silver Birch	r/b, 3x trpt 14-18cm girth	10
Bpu	Betula pubescens	Downy Birch	r/b, 3x trpt 14-18cm girth	8
Ps	Pinus sylvestris	Scots pine	180L, 25-30cm girth	11
Pa	Picea abies	Spruce	r/b, 4x trpt 18-20cm girth	6

Large Shrubs

	Calluna vulgaris	Heather	c/g 2L	1200
	Crataegus monogyna	Hawthorn	b/r, 2x, 1.2m tall	1450
	Erica cinerea	Bell Heather	c/g 2L	1200
	Juniperus communis	Common Juniper	c/g 2L	1200
	Purple Moor-grass	Molina caerulea	c/g 2L	1200

Specimen Trees

Cc	Corylus colluma	Turkish Hazel	r/b, 4x trpt 18-20cm girth	13
Bp	Betula pendula	Silver Birch	r/b, 3x trpt 14-18cm girth	17
Bpu	Betula pubescens	Downy Birch	r/b, 3x trpt 14-18cm girth	15
Gb	Ginkgo biloba	Maidenhair Tree	r/b, 4x trpt 20-25cm girth	9
Ls	Liquidamber styraciflua	Sweetgum	r/b, 4x trpt 20-25cm girth	7
Pt	Populus tremula	Aspen	r/b, 4x trpt 18-20cm girth	11
Pa	Prunus avium	Wild Cherry	r/b, 4x trpt 18-20cm girth	9
Pc	Pyrus calleryana 'Chantiler'	Ornamental Pear	r/b, 4x trpt 20-25cm girth	10
Pcn	Prunus cerasifera nigra	Black Cherry Plum	r/b, 4x trpt 20-25cm girth	19
Ps	Pinus sylvestris	Scots pine	180L, 25-30cm girth	10
Sam	Sorbus aria Majestica	Whitebeam	r/b, 4x trpt 20-25cm girth	17
Si	Sorbus intermedia 'Brouwers'	Swedish Whitebeam	r/b, 4x trpt 18-20cm girth	6
Tc	Tilia cordata 'greenspire'	Small leaved Lime	r/b, 4x trpt 18-20cm girth	17
Qr	Fastigiate Oak	Qercus robur 'fastigiata'	r/b, 4x trpt 20-25cm girth	20

Multi-stem Trees

Ag	Acer griseum	Paperbark Maple	c/g 50L, 3.5m tall	4
Au	Arbutus unedo	Strawberry Tree	c/g 50L, 3.5m tall	3
Bj	Betula jaquimontii	Silver Birch	c/g 50L, 3.5m tall	11
Bn	Betula nigra	River Birch	c/g 50L, 3.5m tall	6
Js	Juniperus scopulorum	Rocky Mountain Juniper	c/g 50L, 3.5m tall	11
Ma	Magnolia 'Heaven scent'	Magnolia 'Heaven scent'	c/g 50L, 3.5m tall	3
Rt	Rhus typhina	Staghorn Sumac	c/g 50L, 3.5m tall	7

Rain Gardens

Ag	Alnus gluionosa	Alder	r/b, 3x trpt 14-18cm girth	5
Bn	Betula nigra	River Birch	r/b, 3x trpt 14-18cm girth	2
Bp	Betula pendula	Silver Birch	r/b, 3x trpt 14-18cm girth	4
Cam	Crnus amomum	Silky dogwood	c/g 20L, 1.0m tall	15
Ca	Corylus avellana	Hazel	r/b, 3x trpt 14-18cm girth	6
Sb	Salix babilonica	Willow	r/b, 3x trpt 14-18cm girth	4
Qp	Quercus palustris	Spanish Oak	r/b, 3x trpt 14-18cm girth	1
Vo	Vibumum oputus	Eur. cranberry bush	c/g 50L, 1.0m tall	13

Shrubs

Agr	Abelia grandiflora	Linnaea x grandiflora	c/g 5L, 60-100cm tall	9
Agb	Amelanchier x grandiflora 'Ballerina'	Amelanchier x grandiflora 'Ballerina'	c/g 5L, 60-100cm tall	10
Ct	Choisya ternata	Mexican orange	c/g 5L, 60-100cm tall	10
Cc	Cistus × corbariensis	Hybrid Rock Rose	c/g 5L, 60-100cm tall	17
Cm	Crataegus monogyna	Hawthorn	c/g 5L, 60-100cm tall	28
Hm	Hydrangea macrophylla	Hydrangea	c/g 5L, 60-100cm tall	6
Jc	Juniperus communis	Common juniper	c/g 5L, 60-100cm tall	11
Mc	Myrtus communis	Myrtle	c/g 5L, 60-100cm tall	13
Sn	Sambucus nigra	Elder	c/g 5L, 60-100cm tall	13
Rs	Ribes sanguineum	Currant	c/g 5L, 60-100cm tall	6

Green Roof Trees

Bpu	Betula pubescens	Downy Birch	c/g 50L, 3.5m tall	6
Scg	Spiraea x cinerea 'Grefsheim'	Garland Spirea	c/g 10L, 0.8-1.0m tall	8
Fj	Fatsia japonica	Paperplant	c/g 10L, 0.8-1.0m tall	6
No	Nerium Oleander	Oleander	c/g 10L, 0.8-1.0m tall	6

Amenity Grass area - 1,292sq.m.

G	Coburn's Low Maintenance seed at 300mm topsoil depth

Mix of Lowland wild flowers and moist summer hay meadows - 2,546.6sq.m.

SHM	Deschampsia flexuosa, Deschampsia cespitosa, Deschampsia danthonioides, Molinia caerulea, Molinia Karl Foerster, Calamagrostis x acutiflora 'Karl Foerster' , Miscanthus sinensis, Sanguisorba officinalis, Lythrum virgatum, Succisa pratensis

Wildflower Meadow Mix - 1,914.7sq.m.

WF01	Appropriate herbs for this type of meadow include: Birdsfoot Trefoil, Black Meddick, Cat's Ear, Purple Loosestrife, Ragged Robin, Red Clover, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Cowslip, Devil's-bit Scabious, Kidney Vetch, Lady's Bedstraw, Lesser Knapweed, Meadow Buttercup, Meadowsweet, Ox-Eye Daisy, Ribwort Plantain, Rough Hawksbit, Selfheal, Smooth Hawksbit, Sorrel, Common Vetch, Wild Angelica, Wild Carrot, Yarrow, Yellow Agrimony, Fleabane and Yellow Rattle

Wet Tolerant Wildflower Meadow Mix - 316.5sq.m.

EC05	Appropriate herbs for this type of meadow include: Devils Bit Scabious, Common Sorrel, Cowslip, Fleabane*, Greater Trefoil*, Hemp Agrimony, Lesser Knapweed, Marsh Cinquefoil, Marsh Marigold, Meadow Buttercup, Meadowsweet, Meadow Rue, Oxeye Daisy, Purple Loosestrife, Ragged Robin, Red Clover, Red Rattle, Ribwort Plantain, Selfheal, Sneezewort*, Tufted Vetch, Water Avens*, Wild Angelica, Wild Valerian, Yarrow, Yellow Flag Iris, Yellow Rattle,Red Rattle*

Tall Wildflowers - 393sq.m.

DW03	Appropriate herbs for this type of meadow include: Alexanders, Bladder Campion, Burdock, Common Vetch, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Field Scabious, Foxglove, Greater Trefoil, Hedge Garlic Mustard, Hemp Agrimony, Cow-Parsley, Lesser Knapweed, Scented Mayweed, Meadowsweet, Mullein, Opium Poppy, Ox-eye Daisy, Purple Loosestrife, Red Campion, St Johnswort, Sorrel, Teasel, Upright Hedge Parsley, Weld -Yellow weed, Wild Angelica, Wild Carrot, Yarrow, Yellow Flag Iris, Mugwort, Pokeweed, White Bedstraw. Yellow Agrimony,

Extensive Green Roof Planting mixture - 2,416sq.m.

S	Common Sedum species used include Sedum acre, S. rupestre, and S. album mixed with native/pollinator friendly perennials such as fox glove, Rudbeckia, Armeria, Dianthus, Helictotrichon sempervirens, Stipa tenuissima.

Ornamental Planting Mix 01 - 1097sq.m/ 322 each plant

OPM1	@c/g 2L 20-30cm ht. Nepeta, Rosmarinus officinalis, Salvia spp., Lavandula stoechas, Digitalis purpurea, Echinacea purpurea, Pulmonaria officinalis, Verbena bonariensis, Geranium 'Dreamland', Vinca minor, Cotoneaaster damerii, Stipa tenuissima, Carex everest Fiwhite, Luzula sylvatica, Deschampsia goldchleier, Miscanthus sinensis, Molinia Karl Foerster

Ornamental Planting Mix 02 - 214.5sq.m/ 107 each plant

OPM2	@c/g 2L 20-30cm ht. Cistus ladanifer, Echinacea pallida, Eryngium yuccifolium, Peroviskia 'Little spire', Polystichum, Rudbeckia maxima.

Ornamental Planting Mix 03 - 814.0sq.m

OPM3	@c/g 2L 20-30cm ht. Cistus ladanifer, Echinacea pallida, Eryngium yuccifolium, Peroviskia 'Little spire', Rudbeckia maxima, Festuca mairei, helenium rubinzwerg, Molinia transparent, Persicaria amplexicaulis 'Orange Field', Stipa gigantea

Climbing Plants - 230sq.m

OPM3	@c/g 2L 50-60cm ht. Trachelospermum jasminoides, Wisteria sinensis, Wisteria Floribunda 'Alba'

Low Privacy Hedge - 1369.92 lin.m.

H1	Crategus monogyna	Hawthorn	c/g 5L 50-80cm ht.	2166

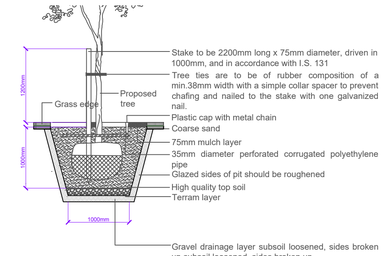
Irish Traditional Native Hedgerow - 1,195.2sq.m.

	Crataegus monogyna	Hawthorn	c/g 2L 20-40cm ht.	1250
	Prunus spinosa	Blackthorn	c/g 2L 20-40cm ht.	1250
	Illex aquifolium	Holly	c/g 2L 20-40cm ht.	1250
	Roasa canina	Dog rose	c/g 2L 20-40cm ht.	1250

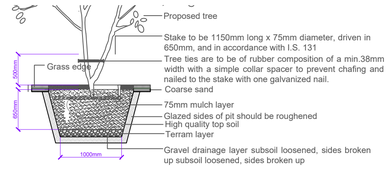


Methodology and Guidance notes: The tree pit should have a diameter at least 100mm greater than that of the root system, with the depth not exceeding the rootball. Any glazed or smeared sides caused by digging shall be scarified with the use of a fork. The tree will be positioned in the centre of the planting pit at the correct depth, taking into account the root flare and finished level. Prior to backfilling the hessian twine/wire cage supporting the rootball shall be loosened or removed. Backfilling shall be carried out in layers of 150mm, ensuring the tree is held upright. At each stage the fill will be carefully firmed in to eliminate air pockets under and around the root system. The final layer of backfill will not be consolidated, but should be of a sufficient depth to allow for settlement and mulching. Formative pruning should be carried out if required, removing dead, damaged, crossing or diseased branches. Refer to Tree planting specification for tree anchoring system. All trees planting operation will be carried in accordance with BS8545:2014 Trees: from nursery to independence in the landscape -Recommendations.

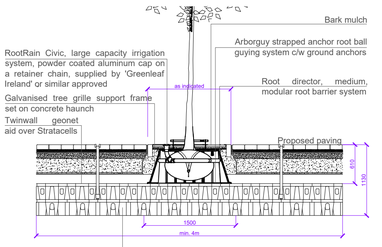
SLP D1 - Standard Tree Planting
sc 1/50



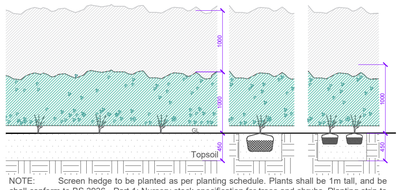
SLP D2 - Multi-stem Planting
sc 1/50



SLP D3 - Constructed Tree Pit
sc 1/50



SLP D4 - Low Privacy Hedge/ Traditional Hedgerow
sc 1/50



NOTE: Screen hedge to be planted as per planting schedule. Plants shall be 1m tall, and be shall conform to BS 3936 - Part 1: Nursery stock specification for trees and shrubs. Planting strip to be 700mm wide x 450mm deep with cultivated and evenly incorporated organic manure 100mm layer over area of strip, fertiliser 35g. 50mm depth bark mulch dressing on completion of planting.

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REV	DATE	REVISION	DRAWN	CHECKED
J	06/12/24	Soft Landscape Plan	PS	JG

CLIENT
Zolbury Ltd

PROJECT TITLE
Large Scale Residential Development at Blackglen Road, Sandyford, Dublin 18

PROJECT ARCHITECT
OMP Architects

SHEET TITLE
Soft Landscape Plan

SHEET NO.
23170_Blackglen_PA_J_SLP

SHEET SIZE
A1

SCALE
as shown

REVISION
J

STAGE
Stage 3 – LRD Planning Application

DATE
December 2024

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