

# MITCHELL + ASSOCIATES

THE GRANGE  
Stillorgan

RESIDENTIAL

Landscape Planting  
Schedule

<b>Project No.</b>	<b>Project name</b>	<b>Date</b>	<b>Revision</b>
LGRA032	The Grange Stillorgan -Residential	01/08/19	00

GRA3-MAL-00-XX-RP-L- Landscape Planting Schedule

**Report Prepared by :**

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## Landscape Planting Schedule:

### Replacement Tree planting schedule

REPLACEMENT TREE PLANTING AREA 1200 SQM						
code	PLANT NAME	SIZE	ROOT PREP	HABIT	PLANT DENSITY	Quantity
<b>ACCENT SEMI MATURE TREE PLANTING (75no trees)</b>						
	Juglans regia	20-25cmg	root ball	clear stem	solitair	5
	Liquidambar styraciflua 'Worplesdon'	20-25cmg	root ball	2m clear stem	solitair	15
	Quercus palustris	20-25cmg	root ball	2m clear stem	solitair	11
	Prunus avium 'Plena'	20-25cmg	root ball	2m clear stem	solitair	20
	Cercis canadensis 'Forest Pansy'	18-20 cmg	root ball	clear stem	solitair	10
	Quercus ilex	20-25 cmg	root ball	2m clear stem	solitair	20
<b>TREE REPLACEMENT MIX</b>						
<b>SEMI MATURE TREES 30% (360sqm - 180 no trees ) planted in 1 cubic m topsoil planted at 2/ sqm</b>						
	Fagus sylvatica	20-25cmg	RB	clear stem	2/sqm	30
	Quercus petraea	20-25cmg	RB	clear stem	2/sqm	30
	Sorbus aucuparia	20-25cmg	RB	clear stem	2/sqm	120
<b>STANDARD TREES 5% (60 sqm - 30no trees ) planted in 1m cubic topsoil planted at 2/sqm</b>						
	Fagus sylvatica	8-10cmg	BR	Clear stem	2/sqm	5
	Quercus petraea	8-10cmg	BR	Clear stem	2/sqm	5
	Alnus glutinosa	6-8cmg	BR	Clear stem	2/sqm	10
	Betula pubescens	6-8cmg	BR	Clear stem	2/sqm	5
	Sorbus aucuparia	6-8cmg	BR	Clear stem	2/sqm	5
<b>FEATHERED TREES 10% (120 sqm - 60 no trees ) planted in 0.6m cubic topsoil planted at 2/ sqm</b>						
	Fagus sylvatica	2m high	BR	well branched	2/sqm	5
	Quercus petraea	2m high	BR	well branched	2/sqm	5
	Alnus glutinosa	2m high	BR	well branched	2/sqm	15
	Betula pubescens	2m high	BR	well branched	2/sqm	10
	Sorbus aucuparia	2m high	BR	well branched	2/sqm	15
	Ileq aquifolium	1.5m high	BR	well branched	2/sqm	5
	Pinus sylvestris	1.5m high	BR	well branched	2/sqm	5
<b>WHIPS 1+1 90cm high - 55% (660sqm - 660no whips) planted in 0.4 cubic meter topsoil planted at 1/ sqm</b>						
	Fagus sylvatica	90cm	BR	well branched	1/sqm	50
	Quercus petraea	90cm	BR	well branched	1/sqm	50
	Alnus glutinosa	90cm	BR	well branched	1/sqm	150
	Betula pubescens	90cm	BR	well branched	1/sqm	150
	Corylus avelana	90cm	BR	well branched	1/sqm	150
	Sorbus aucuparia	90cm	BR	well branched	1/sqm	160
	Ilex aquifolium	60cm	RB	well branched	1/sqm	25
	Pinus sylvestris	90cm	RB	well branched	1/sqm	25
<b>Woodland Edge planting (400 sqm)</b>						
	Prunus zabeliana	20-30cmg	cg	1L	3/sqm	600
	Lonicera nitida 'Maigrun'	20-30cmg	cg	1L	3/sqm	300
	Crocsmia 'Emily McKenzie'	20-30cmg	cg	1L	3/sqm	100
	Rubus tricolour 'Betty Ashburner'	10-20cmg	cg	P9	3/sqm	150
	Hedera helix hibernica	10-20cmg	cg	P9	3/sqm	150

**Boundary hedge replacement planting schedule**

**BOUNDARY PLANTING 75 LINEAR METER (675no WHIPS - 490no Native infill plants)**

**Hedge plants (large whips - 3x TRANSPLANTED)**

Ilex aquifolium	2m high	BR	Well branched	9/ sqm staggered triple row	68
Crateagus monogyna	2m high	BR	Well branched	9/ sqm staggered triple row	270
Prunus spinosa	2m high	BR	Well branched	9/ sqm staggered triple row	68
Corylus avellana	2m high	BR	Well branched	9/ sqm staggered triple row	136
Alnus glutinosa	2m high	BR	Well branched	9/ sqm staggered triple row	68
Sorbus aucuparia	2m high	BR	Well branched	9/ sqm staggered triple row	68
Euonymus europaeus	1m	CG	Well branched	9/ sqm staggered triple row	120
Lonicera periclymenum	2L	CG	min 3 breaks	9/ sqm staggered triple row	250
Rosa canina	1m	CG	Well branched	9/ sqm staggered triple row	120

**Tree planting**

Pinus sylvestris	4m	RB	feathered	solitair	10
Alnus glutinosa	6m	RB	16-18 cmg feathered	solitair	10
Betula pubescens	6m	RB	16-18 cmg feathered	solitair	10
Larix decidua	4m	RB	feathered	solitair	10

**Proposed Ornamental planting:**

<b>PLANTING SCHEDULE – THE GRANGE</b>			
<b>TREES</b> NB: All trees should be full and well shaped, bark unmarked and have healthy root systems. Planted in same species groups			
<b>SPECIES</b>	<b>COMMON NAME</b>	<b>GIRTH (cm)</b>	<b>Quantity</b>
Betula utilis ‘Jacquemontii’	Himalayan Birch	Multi stem – 4m high	3
Amelanchier lamarckii ‘Ballerina’	Snowy Mespil	20-25cmg	6
Cornus florida ‘Rubra’	Flowering dogwood	Multi stem 1.5m high	5
Syringa vulgaris species	Lilac	Multi stem 2m high	3
Acer palmatum	Japanese Maple	Multi stem 2m high	20
Acer palmatum ‘Purpurea’	Japanese Maple	Multi stem 1m high	6
Sorbus aucuparia ‘Joseph Rock’	Joseph Rock Mountain Ash	18-20cm	10
Arbutus unedo	Irish strawberry tree	1.2m high	3
Acer campestre	Field maple	Multi Stem 1.2m high	5
Rhus typhina	Staghorn	Multi stem 1.2m high	11
Crataegus laevigata ‘Paul Scarlet’	Hawthorn Paul Scarlet’	18-20cmg – Clear stem	9

<b>PODIUM LEVEL PROPOSED PLANTING SCHEDULE</b>				
<b>SHRUBS</b> NB: Shrubs shall be bushy, well established nursery stock with a good fibrous root system. They shall be container grown, true to size, name and description as scheduled. Shrubs shall conform to the appropriate British Standards. Plants shall not be pot bound, nor with roots deformed or restricted.				
<b>SPECIES</b>	<b>COMMON NAME</b>	<b>POT SIZE</b>	<b>HEIGHT (cm)</b>	<b>DENSITY</b>
Acer palmatum ‘Dissectum Atropurpureum’	Japanese Maple	10L	100-120cm	N/A
Euonymus microphyllus	Spindle	3L	30-40cm	5per lin m2
Cistus x corbariensis	Rock Rose	3L	20-30cm	4per m2
Hebe rakaiensis	Hebe	5L	30-40cm	4per m2
Hebe salicifolia	Hebe	5L	30-40cm	4per m2
Hydrangea quercifolia	Hydrangea spp.	5L	30-40cm	4per m2
Lavandula ‘Hidcote’	Lavender	3L	20-30cm	5per m2
Pieris japonica	-	3L	20-30cm	4per m2
Prunus lusitanica	Portugal laurel	5L	90-120cm	4per m2
Salix x purpurea ‘Nana’	Willow spp.	3L	20-30cm	3per m2
Sarcococca x confusa	Christmas box	3L	20-30cm	4per m2
Viburnum opulus	Guelder Rose	5L	60-90cm	4per m2
Viburnum tinus ‘French white’	Viburnum	10L	90-120cm	4per m2

<b>HEDGE PLANTS</b> NB: Hedge plants shall be bushy, well established nursery stock with a good fibrous root system. They shall be container field grown, true to size, name and description as scheduled. Shrubs shall conform to the appropriate British Standards.
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Plants shall not be pot bound, nor with roots deformed or restricted.				
SPECIES	COMMON NAME	POT SIZE	HEIGHT (cm)	DENSITY
Ilex meserveae	Blue Holly	3L	60-80cm	5per lin m
Euonymus microphyllus	Spindle	3L	30-40cm	6per lin m
Carpinus betulus	Hornbeam	BR	120cm	6per lin m
Lonicera Pileata	Honeysuckle	3L	20-30cm	4per m2
Escallonia 'Apple Blossom'	Apple blossom escallonia	5L	80 cm	5per lin m

GRASSES AND PERENNIALS			
NB: Herbaceous plants shall be supplied as well rooted clumps, showing several healthy buds, and grown in pots. Pots shall be appropriate to the size of the plant supplied. Planted in same species swathes			
SPECIES	COMMON NAME	POT SIZE	DENSITY
Achillea filipendulina'Moonshine'	Yarrow	2L	5per m2
Alchemilla mollis	Lady's mantle	2L	5per m2
Rudbeckia 'Goldsturm'	Brown eyed Susan	2L	5 per m2
Euphorbia spp	Euphorbia	2L	4per m2
Heuchera spp	Heuchera	2L	5per m2
Geranium 'Johnson's Blue'	Cranesbill	2L	4per m2
Iris 'Silver Edge'	Iris	-	6per m2
Miscanthus sinensis 'Zebrinus'	Zebra grass	2L	4per m2
Pennisetum alopecuroides	Fountain grass	2L	5per m2
Salvia nemorosa 'Ostfriesland'	Sage	2L	4per m2
Stachys yzantine 'Big Ears'	Lambs ears	2L	4per m2
Polystichum setiferum	Shield fern	2L	5per m2
Nepeta fasseni	Catmint	2L	3 per m2
Verbena bonariensis	Vervain	1L	Groups of 5

SPRING BULB PLANTING		
SPECIES	COMMON NAME	COVERAGE
Galanthus nivalis	Snowdrop	7 per m2
Hyacinthoides non-scripta	Bluebell	7 per m2
Narcissus cyclamineus	Daffodil	7 per m2

WOODLAND UNDERSTOREY PLANTING			
NB: Herbaceous plants shall be supplied as well rooted clumps, showing several healthy buds, and grown in pots. Pots shall be appropriate to the size of the plant supplied. Planted in same species swathes			
SPECIES	COMMON NAME	POT SIZE	DENSITY
Hedera helix hibernica	Ivy	2L	3per m2
Dryopteris felix-mas	Fern	2L	5per m2
Polystichum setiferum	Soft shield fern	2L	5 per m2

Geranium macrorrhizum 'Spessart'	Bigroot Geranium	2L	4per m2
Geranium endressii 'Wargrave Pink'	Cranesbill Geranium	2L	5per m2
Anemone Honorine 'Jobert'	Anemone	2L	4per m2
Vinca minor 'Gertrude Jeckyll'	periwinkle	1L	6per m2
Astilbe arendsii	False spirea	2L	4per m2
Sarcococca humilis	Sweet box	2L	5per m2
Euonymus fortunei 'Emerald n'Gaiety'	Spindle	2L	4per m2
Choisa ternata	Mexican orange blossom	2L	4per m2

### PERENNIAL MEADOW MIX – N11 and Cottages

Mix specification: "Purple Haze" by [www.pictorialmeadows.co.uk](http://www.pictorialmeadows.co.uk) or equal and approved Native and ornamental mix designed for long flowering season from April to first heavy frost  
 \*=native species

**Total area: 2,800m2**  
**Sown at 2g/m2**  
**Total seed weight:5,600g**

Required species below:

SPECIES	COMMON NAME
Aquilegia vulgaris	Columbine
* Anthriscus sylvestris	Cow Parsley
Aster amellus	Michaelmas Daisy
Digitalis purpurea	Foxglove
Echium vulgare	Viper's Bugloss
* Campanula rotundifolia	Harebell
* Centaurea scabiosa	Greater Knapweed
* Leucanthemum vulgare	Ox eye Daisy
* Lychnis flos-cuculi	Ragged robin
* Lythrum salicaria	Purple Loosestrife
Malva moschata 'Alba'	White Musk Mallow
Polemonium caeruleum	Jacob's Ladder
Salvia nemorosa	Sage
Silene dioica	Red campion
Silene latifolia	White Campion

### SWALE PLANTING

NB: Swale plants shall be bushy, well established nursery stock with a good fibrous root system. They shall be container field grown, true to size, name and description as scheduled. Shrubs shall conform to the appropriate British Standards. Plants shall not be pot bound, nor with roots deformed or restricted.

SPECIES	COMMON NAME	POT SIZE	HEIGHT (cm)	DENSITY
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Polystichum setiferum	Soft shield fern	2L	30-40cm	5per m2
Luzula sylvatica	Wood rush	3L	50-60cm	6per m2
Mentha aquatica	Water mint	1L	20cm	6per m2
Iris pseudacorus	Yellow iris	3L	50-60cm	4per m2
Lythrum salicaria	Purple loosestrife	1L	50-60 cm	5per m2
Asplenium scolopendrium	Hart's tongue fern	1L	20-30cm	4 per m2
Carex pendula	Pendulous sedge	1L	30-40cm	4 per m2

## WETLAND WILDFLOWER MIX – swales

Mix specification: EC05 Wetland Wild Flora by www.wildflowers.ie or equal and approved

**seed with local provenance only to be used**

**Total area: TBCm2**

**Sown at 3g/m2**

**Total seed weight: TBC**

### SPECIES (common name)

Devil's bit Scabious

Common Sorrel

Cowslip

Fleabane

Greater Trefoil

Hemp Agrimony

Lesser Knapweed

Marsh Cinquefoil

Marsh Marigold

Meadow buttercup

Meadowsweet

Meadow rue

Ox eye 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

### SEDUM ROOF

Sedum blanket supplied planted on carrier mat composed of cocomat and geotextile weave. Refer to soft landscape specification for full details

**Total Area = TBC m2**

**Sedum mat to be sourced and grown in Ireland**

**Species mix to comprise the following:**

### SPECIES (Latin name)

Sedum acre Aureum'

# MITCHELL + ASSOCIATES

Landscape Architecture Urban Design

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Sedum album 'Coral Carpet'  
Sedum album 'Mini'  
Sedum album 'Athoum'  
Sedum hispanicum  
Sedum 'Summer Glory'  
Sedum 'Reflexum'  
Sedum 'Weihenstephaner Gold'  
Sedum 'Voodoo'