



Planting specification and Guidance
 All plants to be true to the type and to be container grown size specified. No substitutions are to be excepted unless previously agreed with the local authority. All plants shall be vigorous, healthy and free from pests and/or disease. Plants shall be materially undamaged, uniform in size and with a well developed and undamaged root system. Any plants that are rejected are to be replaced. All shrub material are to be in line with BS 3936:1980 Nursery stock specification for trees and shrubs, planting operations to be in line with BS4428:1998 Code of practice for landscape operations. Holes are to be hand excavated to a sufficient size to take the entire container. The plant is to be planted to the depth of the root- collar. The soil is to be back filled and then firmed around the plant. The surface of the soil is to be left cultivated and free from weeds, debris and stones. Any broken or unhealthy growth to be pruned from the plant after planting. All plants are to be watered in thoroughly to field capacity of the soil, directly after planting. Planted areas are to receive an application of slow release fertiliser, to manufacturer's specifications.

Ornamental planting Mix 1

Ornamental planting Mix 2

Species	Specification	Size	% mix
Hydrangea 'Limelight'	3/sqm	5ltr	5%
Miscanthus 'Red Chief'	3/sqm	5ltr	5%
Calamagrostis 'Karl Foerster'	3/sqm	3ltr	5%
Rudbeckia 'Goldstrum'	3/sqm	3ltr	5%
Viburnum 'Grandiflorum'	2/sqm	5ltr	5%
Euonymus alatus 'Compactus'	2/sqm	5ltr	5%
Hebe 'Nikola's Blush'	3/sqm	5ltr	5%
Acanthus spinosus	4/sqm	3ltr	5%
Nepea 'Walkers Low'	4/sqm	3ltr	5%
Salvia 'Caradonna'	4/sqm	3ltr	5%
Geum 'Tangerine'	6/sqm	3ltr	5%
Euonymus 'Emerald Gaiety'	6/sqm	3ltr	5%
Corus 'Mid winter fire'	4/sqm	5ltr	5%
Agapanthus 'Jack's Blue'	6/sqm	3ltr	5%
Anaphalis 'Silver Rain'	4/sqm	3ltr	5%
Anemone 'Honore Jobert'	4/sqm	3ltr	5%
Geranium 'Roxanne'	5/sqm	3ltr	5%
Miscanthus 'Siberfeder'	3/sqm	3ltr	5%
Molinia 'Moerhex'	4/sqm	3ltr	5%
Lithrum 'Lady Sackville'	4/sqm	3ltr	5%

The planting areas shall incorporate 50 kg the bulb mixture Brugge available through bulbs.ie

Ornamental planting Mix 3

Species	specification	size	% mix
Hydrangea 'Limelight'	3/sqm	5ltr	5%
Miscanthus 'Red Chief'	3/sqm	5ltr	5%
Calamagrostis 'Karl Foerster'	3/sqm	3ltr	5%
Rudbeckia 'Goldstrum'	3/sqm	3ltr	5%
Viburnum 'Grandiflorum'	2/sqm	5ltr	5%
Euonymus alatus 'Compactus'	2/sqm	5ltr	5%
Hebe 'Nikola's Blush'	3/sqm	5ltr	5%
Acanthus spinosus	4/sqm	3ltr	5%
Nepea 'Walkers Low'	4/sqm	3ltr	5%
Salvia 'Caradonna'	4/sqm	3ltr	5%
Geum 'Tangerine'	6/sqm	3ltr	5%
Euonymus 'Emerald Gaiety'	6/sqm	3ltr	5%
Corus 'Mid winter fire'	4/sqm	5ltr	5%
Agapanthus 'Jack's Blue'	6/sqm	3ltr	5%
Anaphalis 'Silver Rain'	4/sqm	3ltr	5%
Anemone 'Honore Jobert'	4/sqm	3ltr	5%
Geranium 'Roxanne'	5/sqm	3ltr	5%
Miscanthus 'Siberfeder'	3/sqm	3ltr	5%
Molinia 'Moerhex'	4/sqm	3ltr	5%
Lithrum 'Lady Sackville'	4/sqm	3ltr	5%

The planting areas shall incorporate 50 kg the bulb mixture Apeldoorn available through bulbs.ie

The planting areas shall incorporate 50 kg the bulb mixture Volendam available through bulbs.ie

Proposed Swale planting

species	size	%mix	spacing
Iris pseudacorus	2ltr	20%	4/sqm
Lilium formosa	2ltr	15%	4/sqm
Astilbe chinensis	3ltr	10%	2/sqm
Viburnum davidi	5ltr	5%	4/sqm
Lythrum salicaria	2ltr	5%	4/sqm
Miscanthus 'Klein Silberspinne'	5ltr	10%	1/sqm
Cornus 'Midwinter fire'	5ltr	10%	3/sqm
Geranium 'Rozanne'	3ltr	10%	3/sqm
Heuchera in varieties	3ltr	5%	4/sqm
Iris 'Sibirica'	3ltr	10%	4/sqm
Miscanthus sinensis	3ltr	5%	3/sqm

Sensory planting within creche garden

Species	Size	% mix	spacing
Aster 'Ochtendgloren'	3ltr	5%	4/sqm
Bergenia 'Harzkristall'	5/sqm	5%	5%
Carex 'Evergold'	5/sqm	2%	5%
Cornus 'Elegantissima'	2/sqm	5%	5%
Hebe 'Nicol's Blush'	3/sqm	5%	5%
Ilex 'Silver Queen'	1/sqm	5%	5%
Liberata 'Grandiflora'	4/sqm	5%	5%
Mahonia 'Apollo'	1/sqm	5%	5%
Miscanthus 'Purpurascens'	3/sqm	5%	5%
Pachysandra 'Green Carpet'	5/sqm	5%	5%
Penstemon 'Apple Blossom'	5/sqm	5%	5%
Pittosporum 'Tom Thumb'	3/sqm	5%	5%
Viburnum 'davidi'	3/sqm	5%	5%

Shade tolerant planted bed with decorative gravel

Botanical name	size	%mix	spacing
Anemone 'Honore Jobert'	3ltr	10%	3/sqm
Dryopteris felix-mas	3ltr	20%	5/sqm
Sarcococca confusa	3ltr	15%	4/sqm
Epimedium x sulphureum	3ltr	15%	5/sqm
Stipa gigantea	3ltr	10%	1/sqm
Calmagrostis 'Overdam'	3ltr	15%	2/sqm
Polystichum polyblepharum	3ltr	15%	4/sqm

Typical plants layout

1 plant per square meter

2 plant per square meter

3 plant per square meter

4 plant per square meter

5 plant per square meter

6 plant per square meter

Sowing Rate : 30grams/ sqm

Climber planting list

Species	Size	Height	% mix
Tropaeolum majus (Nasturtium)	7.5ltr	2m+	50%
Lathyrus odoratus (seal pea)	7.5ltr	2m+	50%

Grass Seeded Area:

Festuca ovina	20%
Poa pratensis	10%
Festuca rubra	30%
Festuca rubra subsp. 'Communitata'	20%
Agrostis capillaris	15%
Trifolium repens	5%

Tree Planting Specification

All trees shall be planted between the months of Nov and March. The trees shall be purchased from a reputable nursery as football specimens and first order to be agreed by Landscape Architect; The trees must be planted on delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be heeled in. All Trees positioned in hard landscaped areas shall be planted using the Strata cell specification with Root barrier please refer to specification sheets. All trees within a 2.5m radius from a service shall have root barrier installed.

Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000L / Tree / Month.

Specimen varieties	specification	Size	Height	Quantity
Acer Campestre 'Elrik'	Clearstem	16-18cm	3.0m+	4
Amelanchier lamarkii	Clearstem	14-16cm	3.0m	2
Betula pubescens	Clearstem	14-16cm	4.0m+	3
Betula jaquemontii	Clearstem	16-18cm	3.5m+	4
Crataegus 'Prunifolia'	Clearstem	12-14cm	4.0m+	3
Corylus avellana	Feathered	14-16cm	6.0m+	2
Liquidambar styraciflua	Clearstem	18-20cm	4.0m+	5
Prunus avium 'Plena'	Clearstem	16-18cm	3.5m	4
Pinus Sylvestris	Clearstem	14-16cm	3.5m+	3
Quercus robur	Clearstem	10-12cm	4.0m+	4
Ginkgo biloba	Clearstem	40-45cm	4.0m	1
Sorbus aria	Clearstem	16-18cm	4.0m	4

Large shrub planting Mix

Specie	specification	Size	Height	Quantity
Amelanchier lamarkii	Multistem	7.5ltr	1m +	2
Acer davidi	Multistem	2.0m	2.0m+	6
Corylus avellana	Multistem	1.75-2m	1m +	6
Euonymus alatus 'compactus'	Multistem	1.75-2m	1m +	6
Ilex aquifolium	Feathered	2.0m	2.0m+	5
Malus 'Everest'	Multistem	2.0m	2.0m+	5
Osmanthus burkwoodii	Multistem	1.75-2m	1m +	4
Sorbus aucuparia	Multistem	1.75-2m	1m +	2
Syringa vulgaris	Multistem	1.75-2m	1m +	