



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 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 heated in. All Trees positioned within a 2.5m diameter of services shall have root barrier installed, Trees located within hard landscaped areas shall be planted using the Strata cell specification with Root barrier please refer to specification sheets.
 Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000L / Tree/ Month.

Tree Species Name	Spec	Size	height	Qty	
Ac	Acer campestre	Clearstem: r/b	18-20cm	5m	10
AA	Acer 'Autumn Blaze'	Clearstem: r/b	16-18cm	4m	6
AO	Acer 'October Glory'	Clearstem: r/b	16-18cm	4m	4
Al	Amerlanchier lamarkii	Multistem: r/b	2.5-3m	2.5-3m	13
Bp	Betula Pubescenes	Multistem: r/b	2.5-3m	2.5-3m	21
Be	Betula pendula	Clearstem: r/b	16-18cm	4.5m	8
Cb	Carpinus betulus	Clearstem: r/b	25-30cm	7m	4
Cf	Carpinus 'frans fontaine'	Clearstem: r/b	18-20cm	5m	3
Cc	Corylus contorta	Multistem: r/b	18-20cm	5m	5
Co	Corylus colurna	Clearstem: r/b	18-20cm	5m	8
IA	Ilex aquifolium	Clearstem: r/b	2m	2m	2
Fs	Fagus sylvatica	Fethered: r/b	25-30cm	7m	7
Ls	Liquidambar styraciflua	Clearstem: r/b	18-20cm	5m	3
ME	Malus 'Everest'	Clearstem: r/b	14-16cm	3.5m	13
Pp	arrotia persica	Clearstem: r/b	14-16cm	3.5m	2
Ps	Pinus sylvatica	Clearstem: r/b	20-25cm	5m	1
Qr	Quercus robur	Clearstem: r/b	12-14cm	7m	4
So	Sorbus acuparia	Clearstem: r/b	16-18cm	4m	6
Tp	Tilia 'Pallida'	Clearstem: r/b	20-25cm	5m	19

Woodland Planting Mix
 The planting will provide a valuable food source and habitat for birds and invertebrates. Species to be planted in random groups to create a 'natural' effect. Planting shall be carried out first winter post construction. The planting shall be spaced at three plant / meter square. This will require coppicing suitable vegetation on a five year rotation. The plants shall be planted as whip materials. All plants shall be protected from vermin at planting with rabbit guards that shall be removed after a five year period.
 Quantities: The number of plants required is 3120 no. (1040 sqm) and shall be re-quantified on site post construction

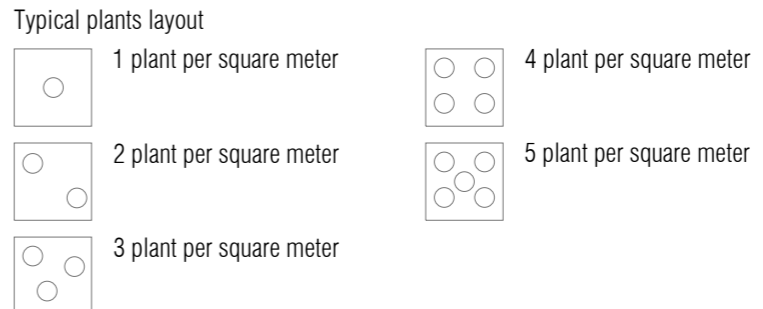
Woodland mix (60%)				
Specimen varieties	specification	% mix	Size	
Corylus avellana	(Hazel) b/r (1+1)	10%	60-90cm	
Crateagus monogyna	(Whitethorn) b/r (1+1)	5%	60-90cm	
Sambucus nigra	(Elder sp.) b/r (0+1)	5%	60-90cm	
Euonymus europaeus	(Peg Bush) b/r (1+1)	10%	60-90cm	
Ilex aquifolium	(Holly) container	10%	2ltr	
Rosa canina	(Dog Rose) b/r (1+1)	10%	30-40cm	
Viburnum opulus	(Guelder Rose) b/r (1+1)	10%	60-90cm	

Herb layer planting (40%)				
Specimen varieties	specification	% mix	Size	
Hyacinthoides	(Bluebells) container	5%	3ltr	
Anemone nemorosa	(Wood anemone) container	5%	3ltr	
Primula vulgaris	(Primrose) container	5%	3ltr	
Viola riviniana	(Dog Violet) container	5%	3ltr	
Dryopteris affinis	(Male Fern) container	5%	3ltr	
Polystichum setiferum	(Shield Fern) container	5%	3ltr	
Digitalis purpurea	(Fox Glove) container	5%	3ltr	
Allium ursinum	(Ramsons) container	5%	3ltr	

Mixed Ornamental Planting
 A mix of evergreen and deciduous shrubs will be planted in selected areas to soften the development and provide continuous aesthetic value to the landscape throughout the year. A mix of medium / low shrubs shall be planted to shrub beds with medium/ large varieties used against high walls and boundaries.

Shrubs	Size	spacing
Berberis 'Atropurpurea Nana'	3lt	5/sqm
Ceanothus repens	3lt	4/sqm
Escallonia 'Apple Blossom'	3lt	4/sqm
Euonymus 'Emerald Gaiety'	3lt	6/sqm
Ilex 'Argentea Marginata'	10lt	2/sqm
Potentilla 'Red Ace'	3lt	5/sqm
Spiraea 'Gold Flame'	5lt	4/sqm
Viburnum davidii	5lt	4/sqm
Sarcococcoa confusa	3lt	4/sqm
Perennials	Size	spacing
Anemone 'Honoire Jobert'	3lt	3/sqm
Acanthus spinosus	3lt	4/sqm
Calamagrostis 'Overdam'	3lt	4/sqm
Dryopteris affinis crist 'The King'	3lt	5/sqm
Epimedium x sulphureum	3lt	6/sqm
Miscanthus 'Silberfeder'	3lt	2/sqm
Nepeta 'Walkers Low'	3lt	5/sqm
Perovskia 'Blue Spire'	3lt	5/sqm
Persicaria 'Inverleith'	3lt	5/sqm
Polystichum polyblepharum	3lt	4/sqm
Rudbeckia 'Goldsturm'	3lt	5/sqm
Rodgersia pinnata	3lt	5/sqm
Salvia 'Caradonna'	3lt	5/sqm
Stipa gigantea	3lt	2/sqm

Plants shall be planted in drift of 7-10 plants



Mixed native hedge Public Realm
 The hedge shall be planted post construction, between Nov and Feb as bare root stock. The plants shall be purchased from a reputable nursery under the guidance of the Landscape Architect. Planting shall be carried out using the notch planting method in suitable planting conditions (dry & not frosty). The hedgerow shall be planted with 3 plants per linear meter along a post and wire fence for support. Maintenance - The Hedgerow shall be maintained at 1.5 m height. Quantities - No plants requires is 654 planted at 3 per linear meter, quantities to be Re-quantified on site post construction.

Plants required	Size	% of mix	Qty
Crateagus monogyna (Whitethorn)	1.5m	50%	327
Carpinus betulus (Hornbeam)	1.5m	50%	327

Advanced Nursery stock

Grass Seeded Area:

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

Sowing Rate : 30grams/ sqm

Green roofs designed by others

Title: LANDSCAPE MASTERPLAN

Project: PROPOSED ALTERATIONS TO APPROVED SHD, LANDS AT KENNELSFORT ROAD LOWER, PALMERSTOWN, DUBLIN 20

Client: Randelwood Holdings Ltd.

Date: 04 Nov 2021 **Scale:** 1:500 @ A2 **Status:** PLANNING

Drawn by: SH **Diag ref:** **Rev:**

Checked by: JMC **PP224 - 04 - 01**

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JANE Mc CORKELL
 Landscape Architect

Brentnally College, The Falls Farm, Kilsallagh, Co. Meath.
 Ph: 087 683929 Email: jane@jancorkell.com