

Native Trees - Crateagus monogyna (Hawthorn)

Native trees - Quercus robur - (Oak)

Native Trees - Sorbus aucuparia - (Mountain Ash)

Pathway along playground with mown strip & native meadow grass open space



Total	То	n centres	acing 400mm	nter planting) Spa	Proposed Bareroot (Br)- wir
iolai	%	Form	Size	Common	Species& Variety
77nr	20%	Bareroot whip	90-120cm	Beech	agus sylvatica
135nr	35%	Bareroot whip	90-120cm	Field Maple	Acer campestre
135nr	35%	Bareroot whip	90-120cm	a Hawthorn	Crataegus monogyn
39nr	10%	Bareroot whip	60-90cm	Guelder Rose	√iburnum opulus
	10%	Bareroot whip	60-90cm	Guelder Rose	Viburnum opulus Fence - 0.9m high, 3

TREE	ES LIST - Open Space - Carpark &	Woodland (WP1) Se	outh of Apar	tments	
				ball - Winter Planting Nov-March)	
ApB	Acer pseudo 'Bruchem'	20-25cm girth	Rootball	Underground Guying system	3nr
ApR	Acer pseudo 'Rotterdam'	20-25cm girth	Rootball	Underground Guying system	3nr
Fs	Fagus sylvatica	20-25cm girth	Rootball	Underground Guying system	2nr
Qr	Quercus robor	20-25cm girth	Rootball	Underground Guying system	1nr
TGS	Tilia cordata 'Greenspire'	20-25cm girth	Rootball	Underground Guying system	2nr
<u>Semi</u>	Mature Trees to be min 2m clea	<u>ir stem</u> (14-16cm Bare	eroot or Roo	tball - Winter Planting Nov-March	1)
Ac	Acer campestre	14-16cm girth	Rootball	Double Stake & Crossbar	6nr
Вр	Betula pendula	14-16cm girth	Rootball	Double Stake & Crossbar	4nr
Cm	Crateagus monogyna	14-16cm girth	Rootball	Double Stake & Crossbar	3nr
PaP	Prunus avium 'Plena'	14-16cm girth	Rootball	Double Stake & Crossbar	6nr

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Вр	Betula pendula	14-16cm girth	Rootball	Double Stake & Crossbar	4nr
Cm	Crateagus monogyna	14-16cm girth	Rootball	Double Stake & Crossbar	3nr
PaP	Prunus avium 'Plena'	14-16cm girth	Rootball	Double Stake & Crossbar	6nr
MEAD	OOW AREAS/WEST OF STREAM T	REE LIST			
All sta	indard trees planting to be 2m cle	<u>ear stem</u> (18-20cm l	Bareroot - W	/inter Planting Nov-March)	
Abbr.	Species & variety	Size	Form	Securing Quo	antity
Fs	Fagus sylvatica	18-20cm girth	Rootball	Double Stake & Crossbar	1 nr
Qr	Quercus robor	18-20cm girth	Rootball	Double Stake & Crossbar	3nr
<u>Semi</u>	<u>Mature Trees to be min 2m clear s</u>			tball - Winter Planting Nov-March	۱)
Bn	Betula nigra	12-14cm girth	Bareroot	Double Stake & Crossbar	10nr
Cm	Crateagus monogyna	12-14cm girth	Bareroot	Double Stake & Crossbar	4nr
Group	os of Transplant trees to be min 15			r Planting Nov-March) approx 40	nr total
Bn	Betula nigra	150-175cm high	Bareroot	Single Stake & Tie 1 per 2sqn	n 20%
Cm	Crateagus monogyna	150-175cm high	Bareroot	Single Stake & Tie 1 per 2sqn	n 20%
PaP	Prunus avium 'Plena'	150-175cm high	Bareroot	Single Stake & Tie 1 per 2sqn	n 20%
Sa	Sorbus aucuparia	150-175cm high	Bareroot	Single Stake & Tie 1 per 2sqn	n 20%
Qr	Quercus robor	150-175cm high	Bareroot	Single Stake & Tie 1 per 2sqn	n 20%
OPEN	SPACE PLAYGROUND & OUTDO	OR PLAY AREA TR	EE LIST		
All sta	indard trees planting to be mim 2	<u>.4m clear stem</u> (18-	20cm Rooth	oall - Winter Planting Nov-March)	
	Species & variety	Size	Form		Quantity
AcEK	Acer campestre 'Elsrijk'	18-20cm girth	Rootball	Double stake & crossbar	5nr
AfAB	Acer freemanii 'Autumn Blaze'	18-20cm girth	Rootball	Double stake & crossbar	1nr
Fs	Fagus sylvatica	18-20cm girth	Rootball	Double stake & crossbar	1 nr
PaP	Prunus avium 'Plena'	18-20cm girth	Rootball	Double stake & crossbar	3nr
Qr	Quercus robor	25-30cm girth	Rootball	Underground Guying System	1nr
All Mu	<u>ultistemmed trees planting to be n</u>	<u>nim 2.5m high (</u> min _f	4breaks) Ro	otball - Winter Planting Nov-Marc	ch)
BJ	Betula u.'Jacquemontii' multistei		Rootball	Double stake & crossbar	8nr
	<u>indard trees planting to be mim 2</u>	<u>.4m clear stem</u> (14-	16cm) Root	ball - Winter Planting Nov-March	1)
AG	Acer pseudo. 'Bruchem	14-16cm girth	Rootball	Double stake & crossbar	1nr
Cm	Crateagus monogyna	14-16cm girth	Rootball	Double stake & crossbar	2nr
PS	Prunus serr 'Kanzan'	14-16cm girth	Rootball	Double stake & crossbar	3nr
۰.2	Carbus augunaria	1414 am airth	Pootball	Double stake & eressbar	7nr

Sa Sorbus aucuparia 'Royal Cardinal' 14-16cm girth Rootball Double stake & crossbar

14-16cm girth Rootball Double stake & crossbar

**GENERAL NOTES:** 

planting 700mm;

vulnerable areas;

drainage considerations:

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Sorbus aucuparia

OPEN SPACE POCKET PARK TREE LIST

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(*) Pollinator friendly species			
Species & variety	Size/Form	Density	
<u>Shrubs</u>			
Cornus alba 'Spaethii'	2 ltr	1 per sqm	
Elaeagnus x ebbingii*	2 ltr	1 per sqm	
Fuchsia 'Ricartonii'*	2 ltr	1 per sqm	
Hydrangea in variety*	2 ltr	1 per sqm	
llex 'Silver Queen'*	2 ltr	1 per sqm	
llex 'Golden King'*	2 ltr	1 per sqm	
Lonicera 'Maigreen'	2 ltr	3 per sqm	
Rosa rugosa*	2 ltr	1 per sqm	
Rosmarinus officanale*	2 ltr	1 per sqm	
Rhododendron* dwarf var	2 ltr	1 per sqm	
Viburnum opulus*	2 ltr	1 per sqm	
Herbaceous perennial			
Achellia 'Summer Berries'*	2 ltr	5 per sqm	
Crocosmia 'Lucifer'	2 ltr	5 per sqm	
Foeniculum vulgare*	2 ltr	3 per sqm	
Geranium 'Brookside'*	2 ltr	5 per sqm	
Iris pseudoplatanus*	2 ltr	5 per sqm	
Ligularia prewalskii*	2 ltr	3 per sam	
Rudbeckia 'Goldstrum'*	2 ltr	5 per sam	
		•	

Native & Naturalised Planting along Stream The existing native planting, consisting mainly of Iris species, Grass species (Reeds & Rush & sedges) along stream is to remain. Fence - 1.2m high, Chainlink/3 strand wire, treated timber stakes at 2m centres, bracing at 10m centres Species & variety Herbaceous perennial(*) Pollinator friendly species
Achellia 'Summer Berries'* 2 ltr 5 pe 5 per sam Crocosmia 'Lucifer'* 5 per sqm Geranium sanguineum* 5 per sqm

Iris pseudoacorus* 2 Itr Rodgersia x pinnata 'Superba' 2 Itr 3 per sam Stipa arundinacea 3 per sqm Phalaris arundinacea 3 per sqm Libertia x arandiflora 3 per sam 3 per sqm Carex pendula Grassing
Mown Grass - Public Open Space within development Suitable Amenity Grass mix Mown Grass - Private Space Suitable Amenity Grass mix

Meadowgrass - Open Space Meadowgrass seed (ref Wildflowers.ie Design By Nature) Seed Mix MM06 - Moist Acid Soils ed Mix EC05 - Wetlands Seed Mix MM11 - Free Draining acid soils in high rainfall areas.

All soil movement should take place during dry weather(when topsoil is not wet);

good quality medium loam and free from deleterious material;

All grass levels to be raised 100mm above kerb level;

replenished annually to maintain depth.

further with Radharc regarding material finishes.

Topsoil should be stripped first & stored separately from subsoil, All topsoil to be

All landscape treatment subject to engineers' approval for structural, moisture and

Gravel or hard surface line between all planting and buildings, approx width

1m high black **shelter fencing** should be erected for the first two seasons in wind

Bark mulch dress to 50mm depth should be added to all ornamental planting and

The drawing hatch is graphic indication & not intended as an accurate representation of finished work. Paving and other hard/soft finishes will vary on completion. Please discuss

Mixed Shrub(Ornamental & Native) Planting with herbaceous perennials

5 per sqm

Barkmulch to 50mm depth
(*) Pollinator friendly species Species & variety Cotoneaster Coral Beauty* 2 ltr 5 per sqm 3 per sqm Erica in variety* Geranium 'Bevan's Variety'* 2 Itr Geranium 'Biokovo'* 3 per sqm 3 per sqm 3 per sqm Hedera helix* Polystichium setiferum Vinca minor 'Ralph Stugart'* 2 ltr Rubus 'Tricolour'* 3 per sqm Naturalised bulb planting under proposed trees. Species & varietyCommonDensityGalanthus nivalis(Snowdrop)20 bulbs per sqm Crocus in variety (Crocus) Narcissus 'Tete a Tete' (Dwarf Daffodil) 20 bulbs per sqm Hycanthoidies non scripta (Bluebell) 20 bulbs per sqm

Woodland Groundcover Planting list to South Open Space

All planting must be true to form & size. See BS 5837:2012 Guide to Trees in Relation to Construction, BS 3998:2010 Recommendations for Tree Work,

Soil Depths Required on site: See BS 3882:2015 Specification for Topsoil, BS 8601:2013 Specification for Subsoil Open space grass seeding Groundcover planting Shrub planting 300mm 300mm **Hedgerows** 600mm 800mm 300mm 300mm Low woodland planting Trees planting

Native & Naturalised waterside planting along stream.





Native Wildflower meadow grass with mown pathways

## TREES & SHRUBS (PLANTING, CARE & MAINTENANCE): Trees to be supported by staking depending on size: 1.4-1.5m trees planted in prepared tree pits, 900 x 900 x 1000mm. Secured with double stake and cross bar; 16-18 cm girth - Secured with double stake and cross bar;

Organic matter to be added when necessary to create a good friable structure; Containerised shrubs to be planted at any time of the year but avoiding periods of Soil depths: for trees 1000mm (40% free draining subsoil, 60% topsoil); for general frost, water logging or drought; Bareroot trees to be planted in the period of Nov-March;

## Shelter Fencing to be erected during establishment phase.

establishment phase.

Weed control by residual chemical and by regular spot treatment with translocated herbicide (e.g. Glyphosate) during the growing season. Weeds among plants to be

hand weeded where necessary; Pruning of all plants to be carried out by a competent horticulturist in accordance Watering: all planting to be kept well watered during dry weather, especially during landscape design

Date:



BW

Radhard Drawing Purpose: FOR_PLANNING Private Commercial Residential Bearna SHD, Bearna, Co Galway Burkeway Homes Ballinahalla, Moycullen, Co. Galway, H91 KAK3 el (091) 555078 fax (091) 555956 Drawing title: Biodiversity/Ecological Mitigation_Zoned Open Space e-mail info@radharclandscaping.com Drawing No: 924 Rad 1973 07 Biodiversity/Ecological Mitigation Zoned Open Space www.radharclandscaping.com Scale: 1:500@A1 Drawn by:

Checked by:

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30/09/2020