

Indicative planting schedule NATIVE TREES 18-20cm girth / clearstem / rootball or airpot (Ag) Alnus glutinosa (Bp) Betula pendula 10-12cm / clearstem & multistem / container or airpot (Ca) Corylus avellana multistem / container or airpot (Pa) Prunus avium 10-12cm / clearstem & multistem / container or airpot (Ps) Pinus sylvestris 1m high / rootball or airpot (Qp) Quercus petraea 18-20cm girth / clearstem / rootball or airpot (Sa) Sorbus aria 14-16cm girth / clearstem / rootball or airpot (Sau) Sorbus aucuparia 10-12cm / clearstem & multistem / rootball or airpot NATIVE WOODLAND UNDERSTORY Specification Species (Cm) Crataegus monogyna 1+2 br transplant / 60-90cm 3l pot 20-30cm (Ia) Ilex aquifolium 1+2 br transplant / 60-90cm (Ps) Prunus spinosa (Tb) Taxus bacatta 3l pot 20-30cm 1+2 br transplant / 60-90cm (Rc) Rosa canina (Sn) Sambucus nigra 1+2 br transplant / 60-90cm

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18-20cm girth / clearstem / rootball or airpot

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Density

8 per lin.m 6 per lin.m 4 per lin.m 4 per lin.m

Density

1 per lin.m 3 per lin.m 3 per lin.m 3 per lin.m

18-20cm girth / clearstem / rootball or airpot

3/sqm 3/sqm 1/sqm 3/sqm 3/sqm 3/sqm 3/sqm 3/sqm 3/sqm 2/sqm 2/sqm 4/sqm 3/sqm

3/sqm 3/sqm 5/sqm 5/sqm 5/sqm 8/sqm 8/sqm

Specification

3l pots/ 20-30cm 1+2 bareroot transplants / 60-90cm 2l pots / 30-45cm 5l pots / 30-60cm

ORNAMENTAL SHRUB PLANTING to include but not limited to

(La) Liquidamber styraciflua (Mt) Malus tschonoskii

(Qp) Quercus palustris

Species

CLIMBERS

Berberis thunbergiii

Cotoneaster decorus Cornus argentea 'Variegata'

Perennials & Seasonal Bulbs

Species

Narcissuss var. Tulipa var.

Species

(Vo) Viburnum opulus **NON - NATIVE TREES** Species (Ap) Acer platanoides 'Columnare' 18-20cm girth / clearstem / rootball or airpot

Planting design intent

Native tree species will be used by preference, when feasible, for both their climatic suitability and superior environmental and ecological value - this will be predominantly around the site perimeter, (beyond the podium deck structure).

A number of non-native and ornamnetal tree species will also be used - mainly across the interior area, where limiting circumstances such as available rooting space, (raised containers/planters), or challenging urban planting situations (e.g. limited available canopy space, high levels of reflective heat etc), make their use more appropriate.

It is proposed that the scheme will be maintained by a management company - this allows the use of some more management intensive shrub species and in particular perennial and climbing species.

Climbers will be used in conjunction with tensile wire support systems to soften large expanses of exposed wall and provide valuable nesting habitat for birds. Living green wall systems may also be used where it is not possible to access planting medium at the ground level.

A wide variety of ornamental shrubs and perennials will be incorporated into the scheme with the aim of providing year round visual interest, broad flowering season / pollinator opportunity, and evergreen structure. Actions identified under the 'All Ireland Pollinator Plan 2015-2020' will be favoured where possible, such as wildflower seeding and modified mowing regimes, to further enhance ecological benefit.

Extra heavy standard semi mature trees will be specified where possible for immediate visual impact, (minimum girth 18-20cm), e.g. around site perimeter areas where planting outside the podium deck. A mix of extra heavy standard down to standard girth trees, (minimum 8-10cm girth), will be used elsewhere as planting circumstances and initial wind stability requirements / underground guying opportunities allow.

> REV DATE AMENDMENT

CUNNANE STRATTON REYNOLDS



PROJECT:	DATE:	JUNE 2019
CROWN SQUARE - PHASE 2 MERVUE, GALWAY.	SCALE:	1:500 @ A1
DRAWING:	DRAWN: CHECKED:	KM KM
LANDSCAPE MASTER PLAN (PLANNING DRAWING ONLY)	DRAWING NO:	18375-3-102