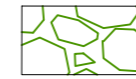




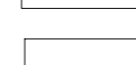



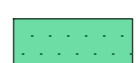

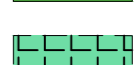

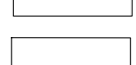


**LEGEND**

-  Native shrub planting (bare-root transplants)
-  Native hedgerow mix (bare-root transplants)
-  Native hedgerow tree (light standard)
-  Native woodland tree
-  Street tree
-  Beech hedging
-  Vegetation to be retained
-  Timber post and rail fence
-  Concrete post and rail fence
-  Wildflower meadow grass
-  Grass
-  Attenuation tanks (grassed)
-  Noise barrier
-  Wall

**PLANTING SCHEDULE**

**Native Hedgerow Mix (@ 6/lin.m)**

%Mix	Species	Specification
45%	Crateagus monogyna	1+2 bareroot transplant / 60-90cm
20%	Salix caprea	1+2 bareroot transplant / 60-90cm
20%	Corylus avellana	1+2 bareroot transplant / 60-90cm
15%	Sambucus nigra	1+2 bareroot transplant / 60-90cm

**Hedgerow Tree Light Standard Tree Planting (Single stake with biodegradable collar & tie)**

%Mix	Species	Specification
50%	Alnus glutinosa	6-8cm girth / bare-root / 1.5m clearstem / 2-2.5m high
50%	Betula pendula	6-8cm girth / bare-root / 1.5m clearstem / 2-2.5m high

**Street Trees (Alternate species planted at 10m centres, Sorbus to be planted close to lamp posts)**

%Mix	Species	Specification
50%	Quercus petraea	12-14cm girth,
50%	Sorbus aria	12-14cm girth

**Beech Hedging (Carton Woods)**

Species	Specification (5 per linear metre, double staggered row)
Fagus sylvatica	1+2 bareroot transplants/60-90cm

**Woodland Trees (Single stake with biodegradable collar & tie)**

Species	Specification
50%	Quercus petraea 6-8cm girth / bare-root / 1.5m clearstem / 2-2.5m high
50%	Fagus sylvatica 6-8cm girth / bare-root / 1.5m clearstem / 2-2.5m high

**Native Shrub Planting (groups of 3-5, 4/sqm.)**

%Mix	Species	Specification
35%	Viburnum opulus	1+2 bareroot transplant / 60-90cm
35%	Corylus avellana	1+2 bareroot transplant / 60-90cm
30%	Euonymus europeaus	1+2 bareroot transplant / 60-90cm

**Grass Seeding**

The following wildflower meadow grass seed mixes shall be utilised subject to soil sampling and specialist supplier approval.

**Wildflower Meadow Grass (Short / Low Growing Species Mix for lower embankments)**

**Species List:**  
 Birdsfoot Trefoil, Black Meddock, Burnet Saxifrage, Century, Wild Chamomile, Cowslip, Eyebright, Meadow Buttercup, Marjoram, Red Bartsia, Mallow, Forget-me-not, Hoary Plantain, Kidney Vetch, Lady's Bedstraw, Ox-eye Daisy, Red Clover, Ribwort Plantain, Rough Hawksbit, St Johnswort, Wild Carrot, Sorrel, Yarrow, Quaking Grass, Lady's Smock, White Bedstraw, Selfheal, Smooth Hawksbit, Corn Marigold, Corn Poppy, Cornflower, Corncockle, Scented Mayweed.

**Wildflower Meadow Grass (Tall Species Mix for upper embankments)**

**Species List:**  
 Biennials: Alexanders, Burdock, Foxglove, Hedge Garlic Mustard, Cow-Parsley, Mullein, Teasel, Upright Hedge Parsley, Weld -Yellow weed, Wild Angelica, Wild Carrot, Mugwort, Pokeweed, Perennials: White Bedstraw, Bladder Campion, Common Vetch, Field Scabious, Hemp Agrimony, Lesser Knapweed, Meadowsweet, Ox-eye Daisy, Purple Loosetrife, Red Campion, St Johnswort, Yarrow, Yellow Flag Iris, Annuals include: Corn Marigold, Corn Poppy, Corncockle, Scentless and Scented Mayweed

Both mixes to be sown at 1 to 1.5 grams per metre square.

**Damp Meadow: (Species suitable for drainage channels)**

**Species List:** Birdsfoot trefoil, Corn marigold, Corncockle, Devil's Bit scabious, Eyebright, Meadow buttercup, Fleabane, Greater trefoil, MArch Marigold, Marsh Cinquefoil, Lesser Knapweed, Scented Mayweed, Measowsweet, Ox-eye daisy, Purple Loosetrife, Ragged Robin, Red Bartsia, Red Campion, Red Clover, Ribwort Plantain, Selfhreal, Sorrel, Water Avens, Wild Angelica, Yarrow, Yellow Flag Iris, Yellow Rattle, Woundwort, Molinia.

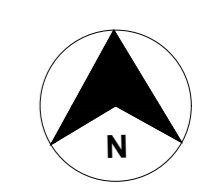
Mix to be sown at 1 to 1.5 grams per metre square.

Note: Wildflower mixes are subject to soil testing and should be confirmed by specialist advice.

REV	DATE	AMENDMENT

**CUNNANE STRATTON REYNOLDS**  
**LAND PLANNING & DESIGN**

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PROJECT:	DATE:	MAY 2019
MAYNOOTH EASTERN RING ROAD	SCALE:	1:2500 @ A1
DRAWING:	DRAWN:	KM/ES
LANDSCAPE MASTER PLAN	CHECKED:	KM/DOL
	DRAWING NO:	18400_3_101