



Refer to drawings 077-208 to 077-211 for planting proposals in the wider landscape

KEY:

Proposed contour
Existing tree to be retained

Proposed trees

Legacy trees

- Clb *Carpinus betulus* 20-25cm girth, c/s at 2.0m high
- FSP *Fagus sylvatica* 'Purpurea' 20-25cm girth, c/s at 2.0m high
- Ps *Pinus sylvestris* 20-25cm girth, c/s at 2.0m high
- Qr *Quercus robur* 20-25cm girth, c/s at 2.0m high

Wetland trees

- Ag *Alnus glutinosa* 18-20cm girth, c/s at 1.8m high
- Pn *Populus nigra* 16-18cm girth, c/s at 1.8m high
- Pt *Populus tremula* 16-18cm girth, c/s at 1.8m high
- Sa *Salix alba* 18-20cm girth, c/s at 1.8m high

Infrastructure trees

- Ac *Acer campestre* 20-25cm girth, c/s height to suit
- MT *Malus 'Tschonoskii'* 20-25cm girth, c/s height to suit
- Sau *Sorbus aucuparia* 18-20cm girth, c/s height to suit
- Te *Tilia x europaea* 18-20cm girth, c/s height to suit

Multi-stemmed trees

- Al *Amelanchier lamarckii* 2.0-2.5m high, m/s
- Bn *Betula nigra* 3.0-3.5m high, m/s
- Ca *Corylus avellana* 3.0-3.5m high, m/s
- Prs *Prunus serotina* 2.0-2.5m high, m/s

Communal fruit trees

- MdBb *Malus domestica* 'Bedwyn Beauty' } standard, 4.0-5.5m high
- MdBs *Malus domestica* 'Burm's Seedling' } standard, 4.0-5.5m high
- MdF *Malus domestica* 'Dredge's Fame' } standard, 4.0-5.5m high
- MdR *Malus domestica* 'Roundway Magnum Bonum' } standard, 4.0-5.5m high

Existing woodland to be retained

Native woodland planting
 70% tree species, 30% shrub species
 Planted at a density of 1No. per m², in groups of 3 or 5No. by species

Trees:

- 10% *Acer campestre* 120/150cm
- 10% *Alnus glutinosa* 60/90cm
- 5% *Betula pendula* 120/150cm
- 5% *Crataegus monogyna* 90/120cm
- 10% *Fagus sylvatica* 120/150cm
- 5% *Prunus avium* 60/90cm
- 5% *Prunus padus* 120/150cm
- 20% *Quercus robur* 120/150cm

Shrubs:

- 5% *Ilex aquifolium* 3L
- 4% *Ligustrum vulgare* 60/90cm
- 5% *Malus sylvestris* 60/90cm
- 2% *Prunus spinosa* 60/90cm
- 4% *Rosa arvensis* 60/90cm
- 6% *Taxus baccata* 5L
- 4% *Viburnum opulus* 60/90cm

Bulbs
 Planted in groups of 50No.

- Galanthus nivalis* 15cm high, 4/5cm bulb size
- Narcissus pseudonarcissus* 40cm high, 12/14cm bulb size

Native woodland edge planting
 30% tree species, 70% shrub species
 Planted at a density of 1No. per m², in groups of 3 or 5No. by species

Trees:

- 6% *Acer campestre* 90/120cm
- 9% *Corylus avellana* 120/150cm
- 6% *Ilex aquifolium* 3L
- 9% *Quercus robur* 90/120cm

Shrubs:

- 12% *Crataegus monogyna* 90/120cm
- 8% *Euonymus europaeus* 120/150cm
- 8% *Ligustrum vulgare* 60/90cm
- 8% *Lonicera periclymenum* 60/90cm
- 12% *Rosa arvensis* 60/90cm
- 10% *Sambucus nigra* 3L
- 12% *Viburnum opulus* 60/90cm

Bulbs
 Planted in groups of 50No.

- Galanthus nivalis* 15cm high, 4/5cm bulb size
- Narcissus pseudonarcissus* 40cm high, 12/14cm bulb size

Native woodland ground cover
 Planted at a density of 1No. per m², in groups of 9-15No. by species:

- 20% *Asplenium scolopendrium* 3L
- 20% *Dryopteris filix-mas* 2L
- 15% *Liriope muscari* 1.5L
- 10% *Luzula sylvatica* 1.5L
- 20% *Salvia officinalis* 1.5L
- 15% *Vinca minor* 1.5L

Bulbs
 Planted in groups of 50No. towards front of beds

- Galanthus nivalis* 15cm high, 4/5cm bulb size
- Narcissus pseudonarcissus* 40cm high, 12/14cm bulb size

Existing amenity grass to be retained

KEY:

- Amenity grass
Rolawn Medallion or similar equal and approved
- Wildflower grassland
Emersgate EM4
- Marginal planting
Planted at a density of 1No. per m², in groups of 7 or 9No. by species

Carex riparia P9
Caltha palustris P9
Iris pseudacorus P9
Iris versicolor P9
Mentha aquatica P9
Myosotis scorpioides P9
Lychnis fls-cuculi 'White Robin' P9
Lythrum salicaria P9
Ranunculus flammula P9

Aquatic planting
 Planted at a density of 1No. per m², in groups of 7 or 9No. by species

Seeded with Emersgate EP1 pond edge mixture at a rate of 4gms per m²

- Menyanthes trifoliata* P9
- Myosotis scorpioides* P9
- Potamogeton polygonifolius* P9
- Sagittaria sagittifolia* P9

Ornamental planting in gravel beds
 Planted at a density of 1No. per m², in groups of 3 or 5No. by species

- 20% *Anethum graveolens* 2L
- 10% *Carex riparia* 1L
- 15% *Foeniculum vulgare* 2L
- 10% *Iris pseudacorus* 1L
- 10% *Iris versicolor* 1L
- 15% *Luzula sylvatica* 1.5L
- 10% *Lychnis fls-cuculi* 2L
- 10% *Persicaria bistorta* 2L

Ornamental planting
 Planted at a density of 4No. per m², in groups of 3 or 5No. by species

Type A: with edibles

- 10% *Foeniculum vulgare* 2L
- 15% *Miscanthus sinensis* 'Ferner Osten' 2L
- 15% *Pachysandra terminalis* 'Green Carpet' 1.5L
- 10% *Ribes rubrum* 'Jonkheer van Tets' 3L
- 15% *Rosmarinus officinalis* 3L
- 10% *Rumex sanguineus* 2L
- 10% *Salvia nemorosa* 'Caradonna' 3L
- 5% *Thymus citriodorus* 3L
- 5% *Thymus 'Fragrantissimus'* 2L

Bulbs
 Planted in groups of 50No.

- Allium 'Globemaster'* 120cm high, 18/20cm bulb size
- Allium sphaerocephalum* 60cm high, 6cm bulb size

Type B (without edibles)

- 5% *Astilbe chinensis* 2L
- 10% *Echinacea purpurea* 'Purple Emperor' 2L
- 10% *Eupatorium purpureum* 2L
- 5% *Miscanthus sinensis* 'Ferner Osten' 2L
- 10% *Pennisetum alopecuroides* 'Hameln' 2L
- 10% *Phlox russeliana* 3L
- 10% *Rosmarinus officinalis* 3L
- 5% *Rudbeckia hirta* 'Indian Summer' 2L
- 10% *Sanguisorba officinalis* 3L
- 15% *Stipa tenuissima* 1.5L
- 10% *Vinca minor* 'Gertrude Jekyll' 1.5L

Feature cluster (5No. plants per cluster)
 Planted at 0.5m centres
Cynara cardunculus 2L

Ornamental hedge planting
 Planted in a double staggered row at 500mm spacings
Fagus sylvatica (feathered) 120/150cm

Location Plan
 Scale 1:10,000

0m 5m 10m 20m

Rev	Note	Date
P1	For Planning	25.05.2018

Greenhalgh
 Landscape Architecture

Thoulstone Eco Leisure Proposal

Planting Plan - Sheet 7 of 11

077-207 P1

Date 16.05.2018
 Scale 1:250@A1