



KEY:

- Proposed contour
- Existing tree to be retained

Proposed trees

- Legacy trees**
 - Cb** *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 location (min. 2.2m high near roads)
 - MT** *Malus* 'Tschonoski' 20-25cm girth, c/s height to suit location (min. 2.2m high near roads)
 - Sau** *Sorbus aucuparia* 18-20cm girth, c/s height to suit location (min. 2.2m high near roads)
 - Te** *Tilia x europea* 18-20cm girth, c/s height to suit location (min. 2.2m high near roads)
- 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' 1/2 standard, 4.0-5.5m high
 - MdBs** *Malus domestica* 'Burr's Seedling' 1/2 standard, 4.0-5.5m high
 - MdDF** *Malus domestica* 'Dredge's Fame' 1/2 standard, 4.0-5.5m high
 - MdR** *Malus domestica* 'Roundway Magnum Bonum' 1/2 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% | <i>Acer campestre</i> | 120/150cm |
| 10% | <i>Alnus glutinosa</i> | 60/90cm |
| 5% | <i>Betula pendula</i> | 120/150cm |
| 5% | <i>Crataegus monogyna</i> | 90/120cm |
| 10% | <i>Fagus sylvatica</i> | 120/150cm |
| 5% | <i>Prunus avium</i> | 60/90cm |
| 5% | <i>Prunus padus</i> | 120/150cm |
| 20% | <i>Quercus robur</i> | 120/150cm |
- Shrubs:**
- | | | |
|----|--------------------------|---------|
| 5% | <i>Ilex aquifolium</i> | 3L |
| 4% | <i>Ligustrum vulgare</i> | 60/90cm |
| 5% | <i>Malus sylvestris</i> | 60/90cm |
| 2% | <i>Prunus spinosa</i> | 60/90cm |
| 4% | <i>Rosa arvensis</i> | 60/90cm |
| 6% | <i>Taxus baccata</i> | 5L |
| 4% | <i>Viburnum opulus</i> | 60/90cm |
- Bulbs**
Planted in groups of 50No.
- | | |
|----------------------------------|------------------------------|
| <i>Galanthus nivalis</i> | 15cm high, 4/5cm bulb size |
| <i>Narcissus pseudonarcissus</i> | 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% | <i>Acer campestre</i> | 90/120cm |
| 9% | <i>Corylus avellana</i> | 120/150cm |
| 6% | <i>Ilex aquifolium</i> | 3L |
| 9% | <i>Quercus robur</i> | 90/120cm |

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

- Bulbs**
Planted in groups of 50No.
- | | |
|----------------------------------|------------------------------|
| <i>Galanthus nivalis</i> | 15cm high, 4/5cm bulb size |
| <i>Narcissus pseudonarcissus</i> | 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% | <i>Asplenium scolopendrium</i> | 3L |
| 20% | <i>Dryopteris filix-mas</i> | 2L |
| 15% | <i>Liriope muscari</i> | 1.5L |
| 10% | <i>Luzula sylvatica</i> | 1.5L |
| 20% | <i>Salvia officinalis</i> | 1.5L |
| 15% | <i>Vinca minor</i> | 1.5L |

- Bulbs**
Planted in groups of 50No. towards front of beds
- | | |
|----------------------------------|------------------------------|
| <i>Galanthus nivalis</i> | 15cm high, 4/5cm bulb size |
| <i>Narcissus pseudonarcissus</i> | 40cm high, 12/14cm bulb size |

- Existing amenity grass to be retained

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

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

- Aquatic planting
Planted at a density of 1No. per m², in groups of 7 or 9No. by species
Seeded with Emorsgate EP1 pond edge mixture at a rate of 4gms per m²

- | | |
|-----------------------------------|----|
| <i>Menyanthes trifoliata</i> | P9 |
| <i>Myosotis scorpioides</i> | P9 |
| <i>Potamogeton polygonifolius</i> | P9 |
| <i>Sagittaria sagittifolia</i> | P9 |

- Ornamental planting in gravel beds
Planted at a density of 1No. per 3m², in groups of 3 or 5No. by species
- | | | |
|-----|----------------------------|------|
| 20% | <i>Anethum graveolens</i> | 2L |
| 10% | <i>Carex riparia</i> | 2L |
| 15% | <i>Foeniculum vulgare</i> | 1L |
| 10% | <i>Iris pseudacorus</i> | 1L |
| 10% | <i>Iris versicolor</i> | 1L |
| 15% | <i>Luzula sylvatica</i> | 1.5L |
| 10% | <i>Lychnis fls-cuculi</i> | 2L |
| 10% | <i>Persicaria bistorta</i> | 2L |

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

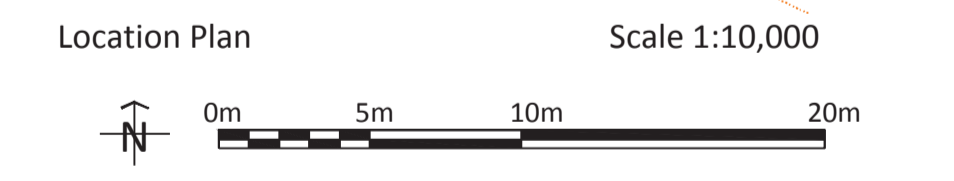
- Type A: with edibles**
- | | | |
|-----|--|------|
| 10% | <i>Foeniculum vulgare</i> | 2L |
| 15% | <i>Miscanthus sinensis</i> 'Ferner Osten' | 2L |
| 15% | <i>Pachysandra terminalis</i> 'Green Carpet' | 1.5L |
| 15% | <i>Ribes rubrum</i> 'Jonkheer van Teets' | 3L |
| 15% | <i>Rosmarinus officinalis</i> | 3L |
| 10% | <i>Rumex sanguineus</i> | 2L |
| 10% | <i>Salvia nemorosa</i> 'Caradonna' | 3L |
| 5% | <i>Thymus citriodorus</i> | 2L |
| 5% | <i>Thymus</i> 'Fragrantissimus' | 2L |

- Bulbs**
Planted in groups of 50No.
- | | |
|-------------------------------|-------------------------------|
| <i>Allium</i> 'Globemaster' | 120cm high, 18/20cm bulb size |
| <i>Allium sphaerocephalon</i> | 60cm high, 6cm bulb size |

- Type B (without edibles)**
- | | | |
|-----|--|------|
| 5% | <i>Astilbe chinensis</i> | 2L |
| 10% | <i>Echinacea purpurea</i> 'Purple Emperor' | 2L |
| 10% | <i>Eupatorium purpureum</i> | 2L |
| 5% | <i>Miscanthus sinensis</i> 'Ferner Osten' | 2L |
| 10% | <i>Pennisetum alopecuroides</i> 'Hamel' | 2L |
| 10% | <i>Phlox russelliana</i> | 2L |
| 10% | <i>Rosmarinus officinalis</i> | 3L |
| 5% | <i>Rudbeckia hirta</i> 'Indian Summer' | 2L |
| 10% | <i>Sanguisaria officinalis</i> | 3L |
| 15% | <i>Stipa tenuissima</i> | 2L |
| 10% | <i>Vinca minor</i> 'Gertrude Jekyll' | 1.5L |

- Feature cluster (5No. plants per cluster)
Cynara cardunculus 2L

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



Rev	Note	Date
P1	For Planning	25.05.2018

Greenhalgh

Landscape Architecture

Thoulstone Eco Leisure Proposal

Planting Plan - Sheet 6 of 11

077-206 P1

Date 16.05.2018

Scale 1:250@A1