



### KEY

Existing trees and hedges to be retained and protected in accordance with Arboricultural Consultant's recommendations

Many of the existing trees are Ash and some are showing signs of Ash Dieback, see the arboricultural report and the condition survey prepared by Ruimsite Tree Consultancy for details. In future when the condition of the trees diminishes and they require removal the trees will be replaced by one of the proposed tree species listed below. Over time, this will ensure the tree structure of the site is retained and provide a greater diversity of tree species which will have ecological and biodiversity benefits.

Existing native scrub

Areas of existing native scrub (predominantly Blackthorn) to be retained where shown. These areas are to be selectively thinned and planted with the following to introduce a wider diversity of species:

Transplants to be planted a minimum of 1m apart in single species groups of 3-7 plants.

%	Species	Common Name	Size	Age	Root/Pot Size
10%	Cornus avellana	Hazel	600-900mm	1+1	BR
10%	Cornus sanguinea	Dogwood	600-900mm	1+1	BR
10%	Elaeagnus europaeus	Spiraea	600-900mm	1+1	BR
10%	Ilex aquifolium	Holly	400-600mm	3L	BR
10%	Salix caprea	Goat willow	600-900mm	1+0	BR
10%	Viburnum lantana	Wayfaring tree	600-900mm	1+1	BR

Proposed trees

1m<sup>3</sup> pit - 1x1m by 1m deep. Prior to backfilling base and sides of pit/ trench/ bed to be broken up to an additional depth of 150mm to facilitate drainage. Backfill with 150mm depth gravel. 450mm depth of sandy subsoil and 300mm depth site won topsoil with an additional 200mm depth of PAS 100 compost and slow release fertilizer: ENMAG CRF (or similar) at 50g per m<sup>2</sup> and finish worked surface with 50mm bark mulch cover.

SPECIES	SPECIFICATION	ROOT
Acer campestre	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Acer campestre 'Spectabile'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Amelechier 'Robin Hill'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Betula pendula 'Fastigata'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Cotoneaster monogyna 'Silver Star'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Nanus Rudolf'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Prunus serotina 'Ibbotson'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Pyrus calleryana 'Chanticleer'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Quercus robur	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Sorbus aucuparia	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG
Tilia cordata x mangolica 'Harvest Gold'	14-16cm girth, 4.0-4.5m height, EHS, 1.8-2.1m clear stem	RB/CG

Shrubs, specimen shrubs and herbaceous perennials

To be planted in cultivated beds 450mm depth topsoil on decompacted subsoil. Prior to backfilling add in 50mm PAS 100 compost to base and backfill with site won topsoil adding slow release fertilizer: ENMAG CRF at 50g per m<sup>2</sup>. Finish surface with 50mm bark mulch cover.

SPECIES	SIZE	POT	NOTES	CENTRES
Abelia x grandiflora 'Edward Goucher'	40-60cm	SL	Branched, min 5 breaks	600mm
Brachyglottis 'Sunshine'	30-40cm	SL	Bushy, min 5 breaks	500mm
Ceanothus thyrsiflorus var. repens	30-40cm	SL	Bushy, min 5 breaks	500mm
Chamaelirium 'Sundance'	30-40cm	SL	Bushy, min 5 breaks	500mm
Chamaelirium 'Sundance'	40-60cm	SL	Bushy, min 5 breaks	600mm
Cornus alba 'Sibirica'	60-80cm	SL	Branched, min 5 breaks	600mm
Cornus stolonifera 'Flavescens'	40-60cm	SL	Branched, min 5 breaks	600mm
Cotinus coccinea 'Royal Purple'	30-40cm	SL	Branched, min 3 breaks	500mm
Elaeagnus argentea 'Silver Queen'	20-30cm dia.	SL	Bushy, min 6 breaks	400mm
Geranium macranthum 'Alba'	20-30cm	SL	Full pot, fully rooted pot, healthy crown	400mm
Hebe 'White Gem'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	500mm
Hebe 'White Gem'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	500mm
Hydrangea arborescens 'Annabelle'	40-60cm	SL	Bushy, min 5 breaks	600mm
Lavandula angustifolia 'Hidcote'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	400mm
Luxia xylaria	20-30cm	SL	Full pot, fully rooted pot, healthy crown	400mm
Mahonia 'Charity'	40-60cm	SL	Branched, min 3 breaks	600mm
Pachyranthus terminalis	30-40cm	SL	Full pot, fully rooted pot, healthy crown	400mm
Paeonia officinalis 'Dorset Red'	N/A	SL	Full pot, fully rooted pot, healthy crown	400mm
Philadelphus 'Mantua d'Hermine'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	600mm
Phlox 'Cream Delight'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	600mm
Photinia 'Red Robin'	40-60cm	SL	Branched, min 6 breaks	600mm
Prunus laurocerasus 'Otto Luyken'	40-60cm	SL	Full pot, fully rooted pot, healthy crown	500mm
Prunella 'Orange Glow'	40-60cm	SL	Branched, min 3 breaks	600mm
Rosa 'Keri'	30-40cm	SL	Bushy, min 5 breaks	400mm
Sambucus nigra 'Black Lace'	40-60cm	SL	Bushy, min 3 breaks	600mm
Santolonia chamaecyparissus	30-40cm	SL	Bushy, min 5 breaks	500mm
Sarcococca humilis	20-30cm	SL	Bushy, min 6 breaks	500mm
Sorbus aucuparia 'Snowround'	30-40cm	SL	Branched, min 3 breaks	500mm
Viburnum davidii	20-30cm dia.	SL	Bushy, min 3 breaks	400mm
Vincetoxicum 'Alba'	30-40cm dia.	SL	Full pot, fully rooted pot, healthy crown	400mm

Native Hedge

To be planted in cultivated beds 300mm depth topsoil on decompacted subsoil. To be planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

%	Species	Size	Age	Root/Pot size
10%	Acer campestre	600-900mm	1+1	BR
10%	Cornus sanguinea	600-900mm	1+1	BR
10%	Cornus avellana	600-900mm	1+1	BR
50%	Cotoneaster monogyna	600-900mm	1+1	BR
2%	Ilex aquifolium	400-600mm	3L	BR
10%	Prunus spinosa	600-900mm	1+1	BR
5%	Rosa canina	600-900mm	1+1	BR
5%	Viburnum opulus	600-900mm	1+1	BR

Ornamental hedge

To be planted in cultivated beds 450mm depth topsoil. Prior to backfilling add in 50mm PAS 100 compost to base and backfill with site won topsoil adding slow release fertilizer: ENMAG CRF at 50g per m<sup>2</sup>. Finish surface with 50mm bark mulch cover.

Planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

SPECIES	SIZE	ROOT
Escallonia 'Apple Blossom'	40-60cm	SL pot
Prunus laurocerasus 'Otto Luyken'	30-40cm	SL pot
Prunus lusitanica	40-60cm	SL pot

Grass - Turf

Rowlston 'Medallion' or similar approved general purpose turf laid on 150mm depth cultivated topsoil on decompacted subsoil

Grass - Seed

Emmagine A22 Low Maintenance grass seed mix or similar approved sown on 150mm depth cultivated topsoil on decompacted subsoil

Meadow Grassland

To be sown with Emmagine EM1 Basic General Purpose Meadow seed mix or similar approved sown on 300mm depth sandy subsoil. Sown at a rate of 4g/m<sup>2</sup> in accordance with seed supplier's specification.

Pond edge seed mixture

To frequently wet soils. To be sown with Emmagine EP1 Pond Edge Mixture or similar approved sown on 300mm depth sandy subsoil. Sown at a rate of 4g/m<sup>2</sup> in accordance with seed supplier's specification.

Aquatic and Marginal planting

Plant species listed below to be planted into a minimum of 200mm depth indigenous cohesive low-nutrient subsoil. Site of plant stock to be 35mm plug plants, planted at 4 plants per m<sup>2</sup> by hand.

Zone 1: Moisture loving/bog species

Species

Callitriche palustris, Juncus inflexus, Menyanthes trifoliata, Lysichiton filicifolius, Veronica beccabunga

Zone 2: Shallow marginal species (0-150mm depth water)

Species

Acrostichum, Carex lasiocarpa, Glycyteris maxima, Iris pseudocorus, Juncus effusus, Lycopodium europaeum, Lythrum salicaria, Mentha aquatica, Myosotis scorpioides

Bulbs

To be planted in cultivated beds or lawn areas to densities shown.

SPECIES	SIZE / TYPE	DENSITY
Crataegus binnianiana	Grade 7/8 Tapize	25/m <sup>2</sup>
Narcissus 'February Gold'	Grade 10/12	10/m <sup>2</sup>
Narcissus 'Tete-a-tete'	Grade 10/12	10/m <sup>2</sup>

Mown grass paths

REV. DESCRIPTION APP. DATE

mood landscape

Land Off Balmoral Avenue  
Banbury, Oxfordshire

Illustrative Landscape Masterplan  
Northern Development Area

DWG. NO: 21\_140\_104

SCALE: 1:250 @ A0 DATE: October 2021

STATUS: Planning DRAWN: SG