

KEY

- Existing trees, hedges and vegetation to be retained.
- Existing trees, hedges and vegetation to be removed.
- Proposed Extra heavy standard (14-16cm girth) tree (root barrier shown as purple dotted line where needed)
- Proposed heavy standard (12-14cm girth) tree
- Proposed selected standard (10-12cm girth) tree
- Proposed instant Portugese laurel hedging
  Proposed evergreen flowering hedge (Escallonia)
- Proposed instant mixed native hedge
- Proposed native scrub mix
- Proposed ornamental shrub planting
- Proposed turf
- Rear gardens
- Proposed species rich amenity grass
- Proposed meadow grass
- Proposed reinforced grass safety matting
- Proposed boundary fencing (detailed by others)
- Proposed estate railing (detailed by others)
- Proposed brick walls (detailed by others)
- Proposed curved benches (See dwg R-2416-3A for details)
- Proposed habitat boxes as shown by Brooks Ecological Bird and Box Plan (left to right - Habibat Bat Box and Mansthorpe Swift brick)

NOTES

PROTECTION OF EXISTING VEGETATION

Existing vegetation to be retained on site shall be protected where necessary during works by a tree protective barrier, secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words 'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately and the contaminated soil replaced. No bonfires shall be lit within 5m of the canopy spread. Any excavation work beneath the canopy spread shall be carried out by hand.

All works affecting trees within the development shall be subject to BS 5837:2015.

TREE PLANTING

Tree planting within the site will break up the hard lines of the buildings and create focal points within the development. The tree species selected will maximise food and nectar sources for birds and invertebrates. Trees will generally be planted as Extra-Heavy and Heavy Standards to provide a good degree of instant maturity to the development. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

Species to be selected from:

Acer campestre 'Elsrijk' (AcE)
Betula pendula (Bp)
Betula utillis var. jacquemontii (Buj)
Carpinus betulus 'Frans Fontaine' (CbFF)
Malus 'Rudolf' (MR)
Prunus padus 'Albertii' (PpA)
Pyrus calleryana 'Chanticleer' (PcC)
Sorbus aucuparia (Sau)
Sorbus 'Embley' (SE)

SHRUB PLANTING

A mix of evergreen and deciduous shrubs will be planted in selected front gardens to soften the development and to provide a valuable food source for birds and invertebrates. A mix of medium/low shrubs will be planted to shrub beds with medium/large varieties used for informal hedging.

Species to be selected from: ( ) density/m2

Berberis frikartii 'Amstelveen'(5), Berberis thunbergii 'Atropurpurea Nana'(5), Bergenia cordifolia 'Silberlicht'(6), Buddleia davidii 'Lochinch'(2), Ceanothus thrysiflorus repens(4), Chaenomeles superba 'Jet Trail'(4), Cornus alba 'Spaethii'(2), Cornus stolonifera 'Flaviramea'(2), Cotoneaster conspicuus 'Decorus'(6), Cotoneaster lacteus(2), Cytisus 'Allgold'(4), Elaeagnus pungens 'Maculata'(3), Escallonia 'Apple Blossom'(4), Euonymous fortuneii 'Emerald Gaiety'(6), Festuca spp(6), Geranium 'Johnson's Blue'(4), Hebe albicans 'Red Edge'(4), Hebe 'Autumn Glory'(4), Hypericum x moserianum(4), Juniperus sabina 'Tamariscifolia' (3), Lavandula 'Hidcote'(6), Lonicera 'Maygreen'(4), Lonicera 'Silver Beauty'(4), Nepeta faasenii(4), Perovskia 'Blue Spire'(6), Phormium var, Potentilla 'Red Ace'(5), Prunus laurocerasus 'Zabeliana'(3), Pyracantha 'Orange Charmer'(3), Rubus x 'Betty Ashburner'(4), Spiraea 'Gold Flame'(4), Spiraea 'Shirobana'(4), Viburnum tinus 'Eve Price'(3)

HEDGE PLANTING

Portuguese Laurel 'Instant hedges' will be planted to the frontages of the plots along the spine road to give a year round structure to the development.

Escallonia hedges will also be planted in selected plots to strengthen boundaries and improve screening which will contribute to all year round colour and texture. These are to be planted as a double staggered row of 40-60cm high hedging plants.

NATIVE PLANTING

Native species shrub planting is proposed within the POS area without Hawthorn due to the proximity to the plots. This planting, combined with the existing retained trees, will improve the ecological value of the site. Species to be planted in random groups to create a 'natural' effect.

An 'instant' native species mixed hedgerow will be planted to the southern boundary of plots and the POS against the existing stone wall. Estate railing will provide further security to the boundary.

Rev E: Updated to site layout Rev.Q (SF)	April 21
Rev D: Updated to site layout Rev.N (SF)	March 21
Rev C: Play removed and paths added (SF)	March 21
Rev B: Amended in accordance with site layout Rev.H (SF)	Jan 21
Rev A: LAP added into POS area (SEL)	Dec 20

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MOUNT VERNON ROAD
WORSBOROUGH

drawing title: LANDSCAPE MASTERPLAN

scale	date	drwn by	drawing no
1:500 @A1	Dec 20	SEL	R/2416/1E