# PLANT SCHEDULE

## TREES

| REF | SPECIES | SUPPLY | SIZE(cm) | GIRTH(cm) | CTRS(m) |
|---|---|---|---|---|---|
| T1 | Quercus rubra | EHStd | 450/625 | 16/18 | as shown |
| T2 | Betula nigra | EHStd | 450/625 | 16/18 | as shown |
| T3 | Quercus robur | EHStd | 450/650 | 18/20 | as shown |
| T4 | Betula utilis 'Jacquemontii' | EHStd | 425/600 | 14/16 | as shown |
| T5 | Acer campestre 'Elsrijk' | EHStd | 425/600 | 14/16 | as shown |
| T6 | Corylus colurna | EHStd | 425/600 | 14/16 | as shown |
| T7 | Sorbus aucuparia 'Cardinal Royal' | EHStd | 425/600 | 14/16 | as shown |
| T8 | Betula pendula | HStd | 350/425 | 12/14 | as shown |
| T9 | Pinus sylvestris | 10L | 100/125 | - | as shown |
| T10 | Fagus sylvatica | EHStd | 425/600 | 14/16 | as shown |
| T11 | Betula pendula | Std | 230/300 | 8/10 | as shown |
| T12 | Sorbus torminalis | Std | 230/300 | 8/10 | as shown |
| T13 | Prunus shiroflugen | Std | 230/300 | 8/10 | as shown |
| T14 | Sorbus aucuparia | Std | 230/300 | 8/10 | as shown |
| T15 | Prunus 'Sunset Boulevard' | EHStd | 425/600 | 14/16 | as shown |
| T16 | Liquidambar styraciflua | Std | 230/300 | 8/10 | as shown |
| T17 | Cornus kousa 'China Girl' | HStd | 350/425 | 12/14 | as shown |
| T18 | Acer platanoides 'Princeton Gold' | EHStd | 425/600 | 14/16 | as shown |
| T19 | Crataegus x prunifolia 'Splendens' | HStd | 350/425 | 12/14 | as shown |

The Betula nigra will be planted within swales so a layer of 150mm of washed gravel must be incorporated beneath the rootball/infill topsoil to improve drainage. See the latest revision of drawing no. Bir.4372_11 for tree pit details. For all other tree proposals please refer to drawing no. Bir.4372_10 for tree pit details.

All trees to be planted in accordance with the implementation and maintenance guidelines. The tree planting schedule and landscape proposals must be referred to by the Structural Engineer during foundation design. No tree species, size or location should be altered without prior approval from the Landscape Architect.

## REPLACEMENT TREES

| REF | SPECIES | SUPPLY | SIZE(cm) | GIRTH(cm) | CTRS(m) |
|---|---|---|---|---|---|
| RT1 | Betula pendula | EHStd | 425/600 | 14/16 | as shown |
| RT2 | Sorbus torminalis | EHStd | 425/600 | 14/16 | as shown |
| RT4 | Sorbus aucuparia | EHStd | 425/600 | 14/16 | as shown |
| RT5 | Tilia mongolica | SM | 500+ | 20/25 | as shown |

All trees to be planted in accordance with the implementation and maintenance guidelines. The tree planting schedule and landscape proposals must be referred to by the Structural Engineer during foundation design. No tree species, size or location should be altered without prior approval from the Landscape Architect. SM = Semi-Mature.

## SPECIMEN SHRUBS

| REF | SPECIES | SUPPLY | SIZE(cm) | HABIT | CTRS(m) |
|---|---|---|---|---|---|
| S1 | Phormium 'Jester' | 25L | 100/125 | Triple Crwn | as shown |
| S2 | Phormium 'Sundowner' | 25L | 100/125 | Triple Crwn | as shown |
| S3 | Phormium 'Yellow Wave' | 25L | 100/125 | Triple Crwn | as shown |

All feature shrubs to be planted in accordance with the implementation and maintenance guidelines. No feature shrub species, size or location should be altered without prior approval from the Landscape Architect.

## HEDGEROWS

| ABBR | SPECIES | SUPPLY | SIZE(cm) | HABIT | CTRS(m) |
|---|---|---|---|---|---|
| ELAEBLI | Elaeagnus x ebbingei 'Limelight' | 10L | 80/100 | Bushy | 0.50 |
| PRULU | Prunus lusitanica | 10L | 80/100 | Bushy | 0.40 |

All hedgerow shrubs to be planted in accordance with the implementation and maintenance guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. hedgerow shrubs to be planted in a single row within a 50cm wide bed and mulched in accordance with implementation and maintenance guidelines.

## SHRUBS/HERBACEOUS

| ABBR | SPECIES | SUPPLY | SIZE(cm) | HABIT | CTRS(m) |
|---|---|---|---|---|---|
| BERNANA | Berberis thun. 'Atropurpurea Nana' | 10L | 30/40 | Bushy | 0.70 |
| BRASU | Brachyglottis 'Sunshine' | 10L | 40/60 | Bushy | 0.70 |
| CHOAP | Choisya 'Aztec Pearl' | 10L | 40/60 | Bushy | 0.70 |
| CHOTES | Choisya ternata 'Sundance' | 10L | 40/60 | Bushy | 0.70 |
| CISSP | Cistus 'Silver Pink' | 10L | 40/60 | Bushy | 0.65 |
| EUOFOEG | Euonymus fortunei 'Emerald Gaiety' | 10L | 30/40 | Bushy | 0.60 |
| EUOFOENG | Euonymus fortunei 'Emerald 'n' Gold' | 10L | 30/40 | Bushy | 0.60 |
| EUPCHW | Euphorbia char. 'Wulfenii' | 3L | - | Full Pot | 0.50 |
| FESGLEB | Festuca glauca 'Elijah Blue' | 3L | - | Full Pot | 0.40 |
| HEBMAR | Hebe 'Marjorie' | 10L | 30/40 | Bushy | 0.70 |
| HEBMW | Hebe 'Mrs Winder' | 10L | 30/40 | Bushy | 0.65 |
| HEBPIS | Hebe pinguifolia 'Sutherlandii' | 10L | 30/40 | Bushy | 0.65 |
| HEUMIPP | Heuchera micrantha 'Palace Purple' | 3L | - | Full Pot | 0.40 |
| HEUKLP | Heuchera 'Key Lime Pie' | 3L | - | Full Pot | 0.40 |
| HYPHI | Hypericum 'Hidcote' | 10L | 40/60 | Bushy | 0.70 |
| LAVANHI | Lavandula angustifolia 'Hidcote' | 10L | 30/40 | Bushy | 0.60 |
| LAVANVE | Lavandula angustifolia 'Vera' | 5L | 30/40 | Bushy | 0.60 |
| LONNIBG | Lonicera nitida 'Baggesen's Gold' | 10L | 40/60 | Bushy | 0.70 |
| LONNIMG | Lonicera nitida 'May Green' | 10L | 40/60 | Bushy | 0.70 |
| MAHAQAP | Mahonia aquifolium 'Apollo' | 10L | 40/60 | Bushy | 0.60 |
| PRULAOL | Prunus laurocerasus 'Otto Luyken' | 10L | 60/80 | Bushy | 0.70 |
| ROSOF | Rosmarinus officinalis | 10L | 40/60 | Bushy | 0.70 |
| SKIJARU | Skimmia japonica 'Rubella' | 10L | 40/60 | Bushy | 0.60 |
| VIBDA | Viburnum davidii | 10L | 40/60 | Bushy | 0.70 |

## SHRUBS - Mixes

| ABBR | SPECIES | SUPPLY | SIZE(cm) | HABIT | CTRS(m) |
|---|---|---|---|---|---|
| AUCJA | Aucuba japonica | 5L | 40/60 | Bushy | 0.75 |
| CORALE | Cornus alba 'Elegantissima' | 3L | 80/100 | Branched | 0.75 |
| ELAPUMA | Elaeagnus pungens 'Maculata' | 5L | 40/60 | Bushy | 0.75 |
| FATJA | Fatsia japonica | 5L | 60/80 | Bushy | 0.75 |
| PHOFRRER | Photinia x fraseri 'Red Robin' | 5L | 60/80 | Bushy | 0.75 |
| PRULU | Prunus lusitanica | 5L | 40/60 | Bushy | 0.75 |

All shrubs to be planted in accordance with the implementation and maintenance guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect.

## BULBS

| SPECIES | No./m² |
|---|---|
| Crocus Dutch Collection (50% of area) | |
| 'Queen of the Blues' | 10 |
| 'Golden Yellow' | 10 |
| 'Jeanne D' Arc' | 10 |
| Dwarf Daffodils (50% of area) | |
| 'February Gold' | 10 |
| 'Jet Fire' | 10 |
| 'Canaliculatus' | 10 |

All bulbs to be planted in accordance with the implementation and maintenance guidelines. No bulb species or location should be altered without prior approval from the Landscape Architect. Crocus and Daffodil bulbs to alternate every 2 linear metres.

## CLIMBERS

| REF | SPECIES | SUPPLY | SIZE(cm) | HABIT | CTRS(m) |
|---|---|---|---|---|---|
| C1 | Cotoneaster horizontalis | 10L | 60/80 | Bushy | as shown |
| C2 | Pyrancantha rogersiana 'Saphyr Yellow' | 10L | 80/100 | Bushy | as shown |
| C3 | Lonicera japonica 'Halliana' | 10L | 175/200 | Cane | as shown |

All climbers to be planted in accordance with the implementation and maintenance guidelines. No climber species, size or location should be altered without prior approval from the Landscape Architect. Lonicera japonica 'Halliana' will require additional support through the installation of climbing wires.

## KEY

**Site boundary**

**Soft landscape proposals**
See plant schedule for details.

**Existing trees/vegetation to be retained**

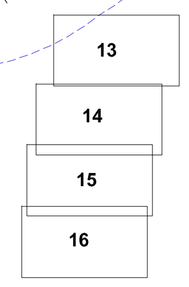
**Existing trees/vegetation to be removed**

**Grass**
Turf to plot frontages, amenity grass seed mix to less formal areas.

**Root barrier (ReRoot600) locations**
ReRoot 600 root barrier, supplied by Greenleaf or similar approved. Root barrier depth to edge hard surfaced features to protect highways and parking bays. The exact specification and location of the root barriers are to be reviewed by the site engineer to confirm approval prior to implementation.

## NOTES

- All landscape proposals must be referred to by the Structural Engineer during foundation design.
- Soiling operations to be carried out in accordance with the implementation and maintenance guidelines.
- All planting to be in accordance with the implementation and maintenance guidelines.
- No species, variety, size or position to be amended without the Landscape Architects prior approval.
- Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.
- All planting must be mulched in accordance with the implementation and maintenance guidelines.
- If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a containerised equivalent to be approved by the project landscape architect.




**Sheet Location Plan**
**NTS**

# IMPLEMENTATION AND MAINTENANCE GUIDELINES

**1.0 GENERAL**

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-retaining polymer.

If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 450mm for shrubs and 150mm for grass.

All excavated areas to be backfilled with either topsoil from site or imported to be BS3882 - General purpose grade. All top soiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants.

**2.0 ORNAMENTAL SHRUBS AND TREES**
All planting and associated operations shall comply with BS4043, BS4428, BS5837 and BS8545.

**2.1 Ground Preparation**
Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc. Tree pits in soft landscape to be excavated to 500mm greater than the diameter of the rootball.

**2.2 Planting**
Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at thespecified centres with minimal disturbance to the rootball and well firmed in.

Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers.

Water in all trees and shrubs at the end of each day of planting.

Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not buried.

**2.3 Maintenance**
The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

The site is to be visited monthly throughout the year to undertake the following operations.
Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment.
Litter clearance: All litter is to be removed from planting beds.
Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.
Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chafing is occurring. Any broken stakes are to be replaced.
Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

**3.0 GRASS**

**3.1 Preparation**
The area to be turfed or seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a fine tilth, incorporating pre-seeding fertiliser at 70 g/m2.

**3.2 Delivery and Storage**
Turf shall be supplied in accordance with BS3936.

Turf shall be Medallion as supplied by Rowlawn. It shall be close textured and green in colour and be sufficiently fibrous to withstand handling. Turves shall be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass shall be closely mown and shall not exceed 25mm in height.

Turf shall be stacked in piles of up to 1 metre. It shall not be laid in frosty or waterlogged conditions and shall not be stacked in rolls for more than three days.

**3.3 Turf**
Turfing operations shall be in accordance with BS 4428.

Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.

**3.4 Seeding**
Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil.

**3.5 Initial cut**
When newly seeded and turfed areas reach 50mm they should be lightly rolled and cut to a height of 30mm. All arisings shall be removed. Any bare patches shall be made good at this time. Seeded areas shall be cut for a second time when the sward reaches 50mm high.

NORTH

| Rev | Description | Date | Team |
|---|---|---|---|
| C | Updated to latest layout and revised plant species. | 14/01/15 | JC |
| B | Updated to latest layout. | 09/10/14 | AP |
| A. | Replacement trees added to plant schedule and revised plant species. | 09/06/14 | EM |

# Heyford Park, Upper Heyford

B2B/B5 Soft Landscape Proposals *Sheet 4 of 4*

Client:
Bovis Homes (Central Region)

www.pegasuspg.co.uk
Team AP/JC
16/05/2014
Scale: 1:250 @A1

Bir.4372_16C

Pegasus Landscape Design

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