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 300mm for shrubs and 150mm for grass.

2.0 ORNAMENTAL SHRUBS AND TREES

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.

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 chaffing 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.

NOTE: These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.



PLANT SCHEDULE

TREES

REF	SPECIES	SUPPLY	SIZE (cm)	GIRTH (cm)
T1	Betula pendula	HStd	350/425	12/14
T2	Sorbus aucuapria	HStd	350/425	12/14

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.

FEATURE SHRUBS

REF	SPECIES	SUPPLY	SIZE (cm)	HABIT
S1	Mahonia media 'Winter Sun'	15L	60/80	Bushy
S2	Phormium 'Jester'	15L	60/80	Triple crown
S3	Phormium 'Sundowner'	25L	80/100	Triple crown
S4	Phormium 'Yellow Wave'	25L	80/100	Triple crown

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)	CENTRES
ELAEB	Elaeagnus ebbingei	10L	40/60	0.50

All hedgerow shrubs to be planted in accordance with the implementation and maintenance guidelines. 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

ABBR	SPECIES	SUPPLY	SIZE (cm)	CENTRES (m)
AUCJA	Aucuba japonica	5L	40/60	Bushy
BERCO	Bergenia cordifolia	3L	-	Bushy
BUDDAEMB	Buddleia davidii 'Empire Blue'	3L	40/60	Branched
CEATHR	Ceanothus thyrsiflorus repens	10L	60/80	Bushy
CHOAP	Choisya 'Aztec Pearl'	10L	40/60	Bushy
CHOTE	Choisya ternata	10L	40/60	Bushy
CHOTES	Choisya ternata 'Sundance'	10L	40/60	Bushy
CISSP	Cistus 'Silver Pink'	10L	30/40	Bushy
ELAEB	Elaeagnus ebbingei	5L	40/60	Bushy
EUOFOENG	Euonymus fortunei 'Emerald n Gold'	10L	30/40	Bushy
EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	10L	30/40	Bushy
GERMA	Geranium macrorrhizum'	3L	-	Full pot
HEBMAR	Hebe 'Marjorie'	10L	40/60	Bushy
HEBMW	Hebe 'Mrs Winder'	10L	30/40	Bushy
HEBALRE	Hebe albicans 'Red Edge'	10L	30/40	Bushy
HEBPIS	Hebe pinguifolia 'Sutherlandii'	10L	40/60	Bushy
HEUMIPP	Heuchera micrantha 'Palace Purple'	3L	-	Bushy
HYPHI	Hypericum 'Hidcote'	10L	40/60	Bushy
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30/40	Bushy
LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40/60	Branched
LONNIMG	Lonicera nitida 'Maigreen'	10L	40/60	Branched
MAHAQAP	Mahonia aquifolium 'Apollo'	5L	30/40	Branched
PHOFRRER	Photinia fraseri 'Red Robin'	5L	60/80	Bushy
PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	60/80	Bushy
SKIJARU	Skimmia japonica 'Rubella'	10L	40/60	Bushy
VIBDA	Viburnum davidii	10L	40/60	Bushy
VIBTI	Viburnum tinus	5L	40/60	Bushy

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.

KEY

EXISTING TREE & HEDGEROW VEGETATION

PREVIOUS PROPOSED LANDSCAPING
See note below.

TURF/GRASS SEEDED AREA

FENCE DETAIL
For details please refer to the landscape proposals prepared by The Noble Consultancy, Job no. **816**, Drawing No. **101-1 D**.

For further details relating to the other plots, POS areas and boundary hedgerow landscape proposals please refer to the '*approved*' landscape drawing prepared by The Noble Consultancy, Job no. **816**, Drawing No. **101-1 D**.

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.

NORTH

Haswell Meadows, The Common, Barwell

Landscape Proposals for Plots 6-26.

Client:
David Wilson Homes East Midlands

www.ppg-llp.co.uk
Team AL
12/06/2009
Scale: 1:250 @A1

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