

**5 NEW DWELLINGS ON LAND ADJACENT TO
BANNUT TREE HOUSE, SHELWICK,
HEREFORDSHIRE HR1 3AH**

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LANDSCAPING WRITTEN SPECIFICATION

GENERAL EXISTING PLANTING AND LANDSCAPING NOTES

All existing trees to be pruned to encourage new regrowth and to reduce current overhanging over Shelwick Lane. Existing ivy growth from trees and roadside brickwork retaining wall to be removed. The existing roadside brick retaining wall is to be carefully raked out and repointed in areas where required to be rebuilt where necessary using matching materials.

Existing Maple trees currently impacting on the roadside wall to be removed. Damaged wall to be rebuilt and extended into the new development entrance.

Replacement Bird Cherry trees to be planted as indicated on the drawing.

GENERAL PLANTING NOTES

All beds to be sprayed with systemic herbicide. Two weeks later all beds to be cleared of all vegetation not shown on planting plan. All bulky shrubs, weeds and other vegetable matter and all bricks, wire, timber and other debris greater than 50mm in any dimension to be removed to tip.

All beds (including trees in grass) to be spread with 75mm peat-free recycled green waste compost (such as Mycormax from ALS Ltd www.amenity.co.uk).

All small beds to be hand dug to a depth of 300mm to incorporate compost and to break up any compaction. Larger beds may be ripped (to a depth of 450mm at 600mm centres) if preferred.

No rotovators shall be used in any planting beds.

All beds to be raised to level of adjacent kerb with good quality topsoil as necessary. After planting, before mulching, all beds to be forked over by hand to relieve surface compaction.

All trees and shrubs to conform to BS 3936.

SHRUBS, WHIPS AND PERENNIALS

All plants labelled CG to be supplied container grown in min 2 litre pots. All plants labelled BR to be supplied bare root. If bare root stock is not available or if planting takes place beyond the bare-root planting season, all such plants should be supplied and planted as container grown stock as above. Native tree and shrub whips to be from UK Sourced and Grown Assurance Scheme suppliers where available.

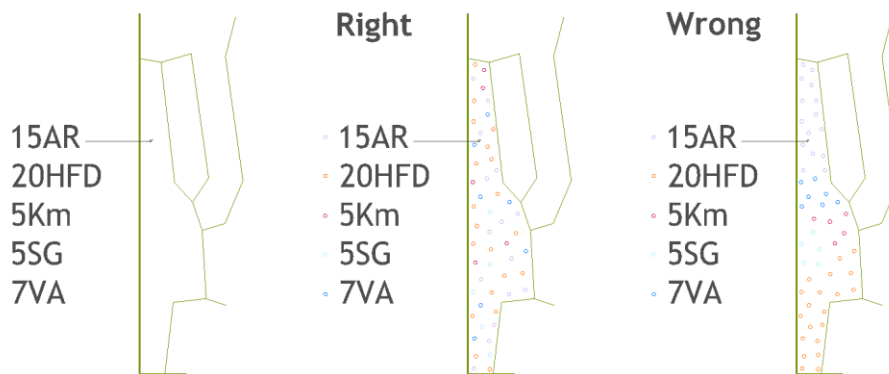
Cotoneaster horizontalis, Parthenocissus, Hydrangea petiolaris, Euonymus Emerald Gaiety, Jasminum nudiflorum and Hedera helix Pedata to be planted hard against walls & fences. In all cases any supporting stick to be removed and stems pinned to ground with steel wire (min 400mm length 3mm gauge bent double). Jasminum officinale to be tied loosely to railings with raffia or similar.

All plants to be pit planted with 30g sterilised bonemeal incorporated into backfill.

Hedges to be planted as double staggered row with 45cm between rows. Native hedges to be planted in single species groups (ssg) of 5-15.

Unless otherwise specified, where a number of species/varieties are specified within a polygon (discrete area of a planting bed enclosed by lines), each type of plant should be well distributed and evenly spaced across the polygon in single species groups (ssg) of 1-3. An illustration of this is shown below:

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Soil around all plants to be watered with 10 litres of water per plant immediately after planting to ensure settling of soil around rootball.

All planting beds except those in or at edge of gravel areas to be covered with 100mm settled depth of composted BARK mulch. Particle size to be 20-75mm. Bark to be cleared from leaves (including dormant herbaceous crowns) to leave plant wholly visible. Beds within or at edge of gravel areas to be mulched with gravel rather than bark.

If there is a likelihood of rabbit or deer browsing, all shrub and whip stock to be protected immediately upon planting as follows: single-stemmed shrub and whip stock to be protected with 600mm clear plastic spiral rabbit guard supported by a single bamboo cane. Multi-stemmed or bushy stock to be protected with recycled plastic netting guard 600 x 300mm (mesh size max 40x20mm) secured by two bamboo canes. Guards to be fixed so that there is no gap between guard and soil surface.

DENSITIES

Stock is specified on this plan at the following densities:

Eventual spread Plant Nos

0-500 5-7/sqm

501-1300 4-5/sqm

1301-2500 3-4/sqm

2501+ 1-2/sqm

Hedges 6-7/m

Densities vary in response to bed situation, shape, gradient and purpose, stock size at planting, growth rate, habit and deciduous/evergreen nature.

TREES

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Container grown trees (CG) to be grown and supplied in containers of the size shown or greater. Rootballed trees (RB) to be supplied with rootball wrapped within hessian (burlap) and kept moist between lifting and planting. Rootballs must be well-rooted through and appropriate to the age, size and species of tree. Rootballs should be supported by wire/timber as appropriate. All other trees to be supplied with roots wrapped in damp straw inside a black polythene bag. All trees supplied or planted outside planting season (Nov-March) to be container grown.

All feathered trees less than or equal to 1.5-1.8m in height to be planted with single short (1250mm long, 750mm above ground) stake, rubber tree tie & spacer. All other trees to be planted with 2 short (1250mm long, 750mm above ground) stakes with crossbar, tree tie & spacer. Stakes to be Robinia or pressure treated softwood min 75mm diameter installed before tree is planted.

All trees to be pit planted in pit minimum 1m dia by 600mm deep with 60g sterilised bonemeal incorporated into backfill of each tree.

Trees to be planted in position shown by cross on plan. When it is not possible to plant in this position the contractor should refer back to developer for instruction.

All trees to be planted with "Root Rain" product by Greenleaf. Size to be RR3/RR2 depending on size of tree.

Soil around all trees to be watered with 60 litres of water per tree immediately after planting to ensure settling of soil around rootball.

All trees located within 3m of paved surfacing or a wall to be planted after "Reroot" 600mm ribbed sheet (www.greenblue.com) has been installed to 600mm depth along the edge of the paving/wall. Sheet to extend minimum 2m in either direction from the point on the edge of the paving/wall nearest the tree.

If there is the likelihood of rabbit or deer browsing, all trees to be protected immediately upon planting with recycled plastic mesh (mesh size 40 x 20mm max) to protect tree from ground to min 600mm above GL. Mesh to be attached to both sides of double tree stakes so that there is a minimum 50mm gap between trunk and mesh. For single tree stakes the mesh is to be formed into a cylinder of minimum diameter 300mm and attached to the stake so that the tree is approximately central. The mesh is to be fixed so that there is no gap between it and the soil surface.

All trees planted in grass to be protected with Tom's Strimmer Guard and with 1200mm Biodegradable Mulchspat and fixings by Greenfix (www.greenfix.co.uk) fixed after remaining turf has been sprayed with translocated herbicide.

Proposed foundation types and depths should be specified in line with NHBC guidelines on tree planting in relation to foundations to take into account existing and proposed tree species and soil shrinkability. The foundation depth of existing buildings and walls on and adjacent to the site should also be checked to ascertain the suitability of proposed trees.

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Dessert fruit trees to be planted as above. Dessert fruit trees may be available from Lodge Farm Trees (www.lodgefarmtrees.co.uk 01454 260 310) or from Walcot Nursery (01905 841 587 www.walcotnursery.co.uk). If size specified is not available then use largest available size. If vigorous rootstock is not available then refer to client. Do not use smaller rootstock than that specified.

TIMING OF PLANTING/SEEDING

Please note that all of the landscaping shown on this plan is installed during the first planting/seeding season after the completion of the development phase.

SCHEDULE OF PLANTING

TREES

Species	English name	Min Size
Prunus Padus	Bird Cherry	Standard

HEDGES

Species	English name	Min Size
Carpinus Betulus	Hornbeam	Standard

GRASS

SEEDBED PREPARATION

Within areas labelled "grass" all existing grass and other vegetation not earmarked for retention to be cut to within 50mm of soil surface and arisings removed to tip off site.

All areas disturbed by level changes or other works to be graded. Grading to take place when topsoil is neither dry and dusty nor so moist that the structure is damaged by machine passage, to produce smooth, flowing contours. Grading to be carried out by rake, gate harrow or similar. Care should be taken not to disturb the topsoil within the rootzone or below the canopies of trees to be retained. Remove clumps of vegetation and other objects brought to the surface larger than 100mm in any dimension. Do not use stonepicking machinery in this operation as this is likely to destroy soil structure.

A minimum of two weeks after vegetation clearance and grading, and two weeks prior to seedbed cultivation and seeding works, spray with translocated systemic herbicide to completely kill existing sward and any other vegetation not earmarked for retention.

Two weeks after above herbicide application, cultivate by rake or harrow to break up the surface of the soil to produce a fine tilth and then grade to a true, even, surface to produce a suitable seedbed. Care should be taken not to disturb the topsoil within the rootzone or below the canopies of trees to be retained. Rotavators and other power cultivators shall not be used on this site for any operation. Use of such machinery is likely to destroy topsoil structure and might produce a capped layer which would impede drainage and infiltration and set back germination and subsequent establishment. Remove clumps of vegetation and other objects brought to the surface larger than 100mm in any dimension. Do not use stonepicking machinery in this operation as this is likely to destroy soil structure.

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Unless otherwise stated, finished levels after settlement to be level with adjoining paving, kerbs, manholes etc. Obtain approval of appearance of prepared soil areas before seeding.

A minimum of two weeks after seedbed cultivation, all areas to be sprayed with herbicide (as above) a minimum of one week prior to sowing.

SOWING

Sow Special General Purpose Meadow Seed Mixture EM3 by Emorsgate at a rate of 4g/sqm during March or September, weather and soil conditions permitting.

Spread seed evenly in two equal sowings in opposite directions. Mix with fine sand to ensure the correct sowing rate. Do not cover, firm or incorporate the seed after sowing.

SEED SOURCE

All seed and detailed sowing advice available from Emorsgate Seeds (www.wildseed.co.uk Limes Farm, Tilney All Saints, Kings Lynn, Norfolk, PE34 4RT. Tel 01553 829 028).

SCHEDULES OF SPECIES

Special General Purpose Meadow Seed Mixture EM3
by Emorsgate (www.wildseeds.co.uk) to be sown at 4g/sqm with:

Grasses

%	Species	English name
8.0	Agrostis capillaris	Common Bent
40.0	Cynosurus cristatus	Crested Dogstail
28.0	Festuca rubraSlender	Creeping Red Fescue
4.0	Phleum bertoloniiSmaller	Cat's Tail

HARD LANDSCAPING

Brick faced retaining walls between plots where required to suit site levels topped with close boarded vertical timber fencing to a total height of 1.8m. New boundary to adjacent field to be a timber post and rail fence with a stock fence to field side – 1.2m height.

Entrance to the site to be via a tarmac road to a stone sett demarcation continuing in a Forest of Dean coloured gravel to shared surface driveway, private drives and turning area. Private gardens to have an area of flagstone paving.

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