



**INSET 2**

**IMPLEMENTATION AND MAINTENANCE GUIDELINES**

- 1.0 GENERAL**
- All plants shall conform to BS 3098 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the NTA 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.
- 2.0 TREES**
- 2.1 Ground Preparation**  
Where necessary level 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 75g/m<sup>2</sup> and Tree Planting and Mulching Compost at the rate of 200g/m<sup>2</sup> 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 screeded to prevent smearing. All trees up to and including selected standards are to be supported with single 75mm diameter stakes.
- 2.2 Planting**  
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.
- 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.  
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 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 NATIVE SHRUB PLANTING**
- 3.1 Ground Preparation**  
The extent of the planting area shall be set out using 38x38x1200mm timber stakes at each change in direction and at a maximum of 50m intervals.
- Either for notch planting  
All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks before planting and the ground shall be cultivated to a depth of 150mm.  
or for pit planting  
A 900mm diameter circle shall be sprayed out at each planting station using an approved herbicide at least two weeks before planting.
- 3.2 Planting**  
All bare rooted stock is to be root dipped in water retaining polymer.  
Proposed planting is to be planted on an informal grid. To avoid straight lines each planting station can be moved by up to 300mm in any direction.
- Either a for shelters or b for rabbit fence  
a. All stock to be protected from rabbit damage using approved proprietary tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.  
b. All stock to be protected from rabbit damage by 900mm high rabbit fencing erected in accordance with the manufacturers recommendations.
- 3.3 Maintenance**  
Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the maintenance period.
- Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.
- 4.0 NATIVE HEDGE PLANTING**
- 4.1 Setting Out**  
The hedge line shall be set out using 38x38x1200 stakes at maximum 50m intervals and all herbaceous material within 400mm of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting.
- 4.2 Preparation**  
The 800mm wide hedge line shall be cultivated to 150mm incorporating Enmag or equal at 75g/m<sup>2</sup>.
- 4.3 Planting**  
Plants shall be notched planted in two or three rows as indicated 300mm apart and staggered at 400mm centres. All plants are to be protected with a 600mm proprietary shelter secured with a stake/tie and ties as recommended by the manufacturer.
- 4.4 Maintenance**  
Using approved herbicides a 800mm wide swathe centred on the hedgerow shall be kept weed free throughout the maintenance period.
- Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.
- 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 house/drainage 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.
  - If planting is required outside the October-March season, bare root stock 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.

**INSET 1**

**KEY**

- Site boundary
- Soft Landscape Proposals  
See plant schedule for details.
- Existing trees & hedgerows to be retained on the southern boundary
- Proposed hedgerow to parcel B2A  
Not included in the southern boundary proposals. Hedgerow is proposed within Bovis Homes Phase B2A red line. For specification see Pegasus landscape design drawing Bir-4372\_04E.

**PLANT SCHEDULE**

**TREES**

REF	SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
T1	Acer campestre	HSD	350x425	12/14	as shown
T2	Betula pendula	HSD	350x425	12/14	as shown
T3	Carpinus betulus	HSD	350x425	12/14	as shown
T4	Quercus robur	HSD	350x425	12/14	as shown
T5	Sorbus aucuparia	HSD	350x425	12/14	as shown
T6	Acer campestre	Std	230x300	8/10	as shown
T7	Betula pendula	Std	230x300	8/10	as shown
T8	Carpinus betulus	Std	230x300	8/10	as shown
T9	Quercus robur	Std	230x300	8/10	as shown
T10	Sorbus aucuparia	Std	230x300	8/10	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.

**NATIVE MIX HEDGEROW 1**

ABBR	SPECIES	Mix %	SUPPLY	SIZE(cm)	CTRS(m)
CORAV	Corylus avellana	12.5	T 1+1	60/80	0.40
CRAMON	Crataegus monogyna	80	T 1+1	60/80	0.40
ROSCA	Rosa canina	7.5	T 1+1	60/80	0.40

Hedgerow shrubs to be supplied as bare root stock unless stated and 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 at 400mm centres on a double staggered row, 300mm apart with no less than 6 per linear metre in accordance with implementation and maintenance guidelines.

**NATIVE MIX HEDGEROW 2**

ABBR	SPECIES	Mix %	SUPPLY	SIZE(cm)	CTRS(m)
CORAV	Corylus avellana	12.5	T 1+1	60/80	0.40
CRAMON	Crataegus monogyna	80	T 1+1	60/80	0.40
ROSCA	Rosa canina	7.5	T 1+1	60/80	0.40

Hedgerow shrubs to be supplied as bare root stock unless stated and 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 at 400mm centres on a double staggered row, 300mm apart with no less than 8 per linear metre in accordance with implementation and maintenance guidelines.

**BUFFER PLANTING**

**NATIVE TREE PLANTING (2% of 400)**

ABBR	SPECIES	SUPPLY	SIZE(cm)	MIX (%)	CTRS(m)
ACAMP	Acer campestre	2 x FTHD	150/175	20	3.00
BETPEN	Betula pendula	2 x FTHD	150/175	10	3.00
MALRIS	Malus sylvestris	2 x FTHD	150/175	10	3.00
PRUM	Prunus avium	2 x FTHD	150/175	10	3.00
QUROB	Quercus robur	2 x FTHD	150/175	35	3.00
TILCOR	Tilia cordata	2 x FTHD	150/175	15	3.00

**NATIVE SHRUB PLANTING (7% of 400)**

ABBR	SPECIES	SUPPLY	SIZE(cm)	MIX (%)	CTRS(m)
CORAV	Corylus avellana	TT1+1	60/80	10	1.50
CRAMON	Crataegus monogyna	TT1+1	60/80	35	1.50
ILEAQ	Ilex aquifolium	2L	60/80	10	1.50
PRUSP	Prunus spinosa	TT1+1	60/80	20	1.50
ROSCA	Rosa canina	TT1+1	60/80	10	1.50
VIBOP	Viburnum opulus	TT1+1	60/80	15	1.50

All trees and shrubs 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 or shrubs species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 5-8.

**INSET 3**

**BUFFER PLANTING**

**TREES**  
4 No. ACAMP  
2 No. BETPEN  
2 No. MALRIS  
2 No. PRUM  
6 No. QUROB  
3 No. TILCOR

**SHRUBS**  
5 No. CORAV  
20 No. CRAMON  
5 No. ILEAQ  
11 No. PRUSP  
5 No. ROSCA  
8 No. VIBOP

**BUFFER PLANTING**

- TREES**  
8 No. ACAMP  
4 No. BETPEN  
4 No. MALRIS  
4 No. PRUM  
14 No. QUROB  
6 No. TILCOR
- SHRUBS**  
11 No. CORAV  
40 No. CRAMON  
11 No. ILEAQ  
23 No. PRUSP  
11 No. ROSCA  
17 No. VIBOP

**Inset Location Plan NTS**

