

CONVERSION OF EXISTING BARNs INTO 4NR RESIDENTIAL UNITS WITH  
ASSOCIATED CAR PARKING AND LANDSCAPING

**WEYBEARDS FARM, PRIMROSE COTTAGE, HILL END ROAD,  
HAREFIELD**

**FOR ALAN C FORD LTD**

**LANDSCAPE MANAGEMENT PLAN**  
TO ACCOMPANY DRAWING NRS LC-2880-01B

SEPT 2023

**CONTENTS**

|     |                              |    |
|-----|------------------------------|----|
| 1.0 | OVERVIEW                     | 2  |
| 2.0 | OBJECTIVES                   | 3  |
| 3.0 | LANDSCAPE MANAGEMENT         | 3  |
| 4.0 | SOFT LANDSCAPE SPECIFICATION | 5  |
| 5.0 | MAINTENANCE SPECIFICATION    | 9  |
| 5.0 | PLANTING SCHEDULES           | 14 |
| 6.0 | LANDSCAPE PLAN               | 15 |

## **1.0 OVERVIEW**

### **1.1 MANAGEMENT RESPONSIBILITIES**

- 1.21 On completion, the developer will employ a professional landscape contractor to maintain the landscaped areas. As a minimum requirement maintenance and management visits will be undertaken to meet the enclosed schedule of operations and will continue in perpetuity with a review at the end of each five-year period. Copies of this management plan to be made available to the managing agents and contractors alongside a full set of the planning approved drawings.

## **2.1 MANAGEMENT OBJECTIVES**

- 2.11 Successfully establishing a framework of new trees and hedges through the development site to provide maturity, screening, visual amenity and to enhance the ecology.
- 2.13 To create a sense of ownership and community in the new development by creating an attractive and successful communal landscape.
- 2.15 To provide and maintain an attractive and visually appealing, robust landscape setting to the development and to integrate the new buildings and hard surfaces into the existing landscape.
- 2.16 To maintain the best standards in landscape maintenance and horticultural practice resulting in beautifully presented and ecologically managed grounds of the highest quality

## **2.20 CHARACTER AREAS**

### **2.21 GROUP AND SPECIMEN TREES**

Proposed tree planting complements the proposed character of each space within the landscape scheme and is suitable in size and form for its location and the species suits the climatic conditions present on site. The tree strategy follows the principles below:

Provides a succession of tree stock on site by planting different sizes in accordance with site conditions. Includes a broad range of species which provides greatly increased biodiversity, wider range of habitats and resilience to climate change

Uses the principle of 'right-tree, right-place' using species which are appropriate in their eventual form, size and vigour so that they will achieve maturity without complications or the requirement for significant pruning

### **2.22 ORNAMENTAL SHRUBS AND HERBACEOUS PLANTS**

The shrub and ground flora planting will define each of the key areas within the landscape scheme. Ornamental planting will primarily consist of low-level shrubs and herbaceous plants.

### 2.23 HEDGES AND GREEN CORRIDORS

Informal single species evergreen flowering hedge for interest and separate car parking areas with interest for pollinators. These also create visual amenity, structure within the landscape and relief from hard surface and built form.

## 3 **LANDSCAPE MANAGEMENT**

3.1 The purpose of maintaining and managing the site is to encourage the satisfactory establishment and long-term viability of the landscape proposal. It is recognized that soft landscaping is a living dynamic system and it may be appropriate to vary the proposals as the scheme develops. The following disciplines and procedures should be observed in the successful establishment and development of the soft landscaping proposals.

### 3.2 **MANAGEMENT SCHEDULE**

The following schedule of operations indicates tasks and inspections to be carried out within the first five-year period and in perpetuity at five-year intervals thereafter as detailed more thoroughly within the landscape maintenance specifications below.

#### **YEARS 1 & 2**

##### **MARCH TO OCTOBER – weekly maintenance visits**

##### **OCTOBER TO MARCH – fortnightly maintenance visits**

##### **TASK**

Litter collection and removal  
Weed control (by hand)  
Fertilizer to tree and shrub beds (organic)  
Watering  
Top up mulch  
Check plant supports and stakes  
Tie in climbers and wall shrubs  
Pruning spring flowering shrubs  
Pruning summer flowering shrubs  
Thin out planting  
Formative pruning to species lists  
Tree works  
Hedging  
Leaf clearance  
Plant replacements  
Grass cutting  
Edging grass areas  
Inspect fences  
Inspect gullies  
Sweeping roads and paths  
Landscape management review by committee

##### **FREQUENCY**

each visit, empty bins  
each visit  
annually applied in March  
as required to establishment  
as required to establishment  
March and September  
Fortnightly in growing season  
Following flowering/to species list  
March/April/ to species list  
not required  
not required  
Watering as required  
Annual, avoid nesting season  
each visit Oct-Dec  
November dead & diseased  
to specification details  
each visit  
annual  
monthly  
monthly  
annual to establishment

#### **YEARS 3 & 4**

##### **MARCH TO OCTOBER – weekly maintenance visits**

##### **OCTOBER TO MARCH – fortnightly maintenance visits**

##### **TASK**

Litter collection and removal

##### **FREQUENCY**

each visit, empty bins

Weed control (by hand)  
 Fertilizer to tree and shrub beds (organic)  
 Watering  
 Top up mulch  
 Check plant supports and stakes  
 Tie in climbers and wall shrubs  
 Pruning spring flowering shrubs  
 Pruning summer flowering shrubs  
 Thin out planting  
 Formative pruning to species list  
 Tree works  
 Hedging  
 Leaf clearance  
 Plant replacements  
 Grass cutting  
 Edging grass areas  
 Inspect fences  
 Inspect gullies  
 Sweeping roads and paths  
 Landscape management review by committee

each visit  
 annually applied in March  
 as required to establishment  
 as required to establishment  
 Remove from yr. 3, check roots  
 Fortnightly in growing season  
 Following flowering/to species list  
 March/April/ to species list  
 annual review  
 to species requirements as pec  
 formative and remedial pruning  
 Annual, avoid nesting season  
 each visit Oct-Dec  
 November dead & diseased  
 to specification details  
 each visit  
 annual  
 monthly  
 monthly  
 annual, year on improvements

#### YEAR 5

##### **MARCH TO OCTOBER – weekly maintenance visits**

##### **OCTOBER TO MARCH – fortnightly maintenance visits**

##### **TASK**

Litter collection and removal  
 Weed control (by hand)  
 Fertilizer to tree and shrub beds (organic)  
 Watering  
 Top up mulch  
 Check plant supports and stakes  
 Tie in climbers and wall shrubs  
 Pruning spring flowering shrubs  
 Pruning summer flowering shrubs  
 Thin out planting  
 Formative pruning to species list  
 Tree works  
 Hedging  
 Leaf clearance  
 Plant replacements  
 Grass cutting  
 Edging grass areas  
 Inspect fences  
 Inspect gullies  
 Sweeping roads and paths  
 Landscape management review by committee

##### **FREQUENCY**

each visit, empty bins  
 each visit  
 annually applied in March  
 as required to establishment  
 as required to establishment  
 new tree planting only  
 Fortnightly in growing season  
 Following flowering/to species list  
 March/April/ to species list  
 annual review  
 to species requirements as pec  
 H&S and maintenance pruning  
 Annual, avoid nesting season  
 each visit Oct-Dec  
 November dead & diseased  
 to specification details  
 each visit  
 annual  
 monthly  
 monthly  
 annual, year on improvements

#### 4.1 MULCHING

Mulched areas are to be topped up as necessary using the same material as was originally specified to maintain the original specified depth until such time as canopy closure occurs.

#### 4.2 FERTILISING

The Maintenance operative shall make a yearly application of slow release fertilizer to all ornamental shrub areas and tree pits.

#### 4.3 WEED CONTROL

In the course of the routine maintenance visits, maintenance operatives shall undertake the weed control necessary to keep the site in a neat, tidy and weed free condition and to allow specified species to develop free from unnecessary competition.

#### 4.4 GROUND FLOOR PLANTED AREAS

Planted areas comprising trees, shrubs, hedges and herbaceous, groundcover and climbers shall be maintained in accordance with the general conditions.

4.4.1 Only limited thinning of planting is expected to the planted scheme. Any thinning should be carried out with the aim of allowing ornamental plants to thrive, groundcovers / low plants space to grow without competing for space and to encourage flowering and removing dead stems from perennials.

4.4.2 Specimen trees should be pruned clear of vassal suckers and side growths and crown-lifted gradually to produce strong specimens with clean boles up to the first desired lateral branches. Tree ties to be checked annually for signs of restriction and stakes checked for stability. Stakes and ties should be permanently removed after three years or once the tree is securely rooted.

4.4.3 Maintenance of the ornamental shrub areas shall follow the general guidelines, with pruning according to species and form, in order to clear dead wood, promote healthy growth and produce desired naturalistic form.

#### GRASS AREAS

4.5 There are no areas of amenity grass on the development site. Areas of dry riverbank and wildflower to be managed as described in 4.2

#### 4.6 WATERING & PLANT REPLACEMENTS

4.6.1 Following a twelve-month defects period the property owners will be responsible for maintaining the planning approved scheme to the private gardens and communal areas.

Planting failures to be reviewed annually up to a period of three years following installation and replanted according to specification in the first planting season from November to March following their demise.

#### TRANSPORT AND HANDLING

4.7 Transport and handling shall be carried out in accordance with season and good horticultural practice.

Transport and handling shall comply with CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trades Association) Part I, Part II and Part III, paragraphs 1.3.3 to 1.3.6, 3.0, and 4.0.

#### 4.8 TREES GENERALLY

All plants shall be true to name and character and shall be supplied as bare-rooted, root-balled or container grown. Unless otherwise stated all trees shall be supplied root balled. They shall be grown and handled according to good horticultural practice and according to all current UK Government and EC regulation. The grower shall be expected to carry out thorough and rigorous production methods to ensure that the trees are of the highest standard.

#### 4.9 ROOT-BALLED TREES

Root-balled trees shall be adequately supported by wire mesh, Hessian, or other suitable material to prevent collapse of the root ball. The root ball shall be minimum 600mm diameter and sufficient size to contain the fibrous roots. Trees which have a collapsed root ball to expose major parts of the root system shall be rejected by the Landscape Maintenance Contractor on delivery or replaced if damaged during handling on site.

#### 4.10 CLEAR STEM TREES

All clear stem trees shall have a full and well-developed crown with uniform leaf coverage appropriate to their age and species. All shall bear a single central leader. Unless otherwise stated, they shall have a 1.8m clear stem height.

#### 4.12 FEATHERED TREES

All feathered trees shall be fully furnished with single leader and well-developed laterals to ground level with uniform and full leaf coverage appropriate to their age and species.

#### 4.13 CONTAINER GROWN SHRUBS

All plants will be true to name and character and shall be supplied container grown. They shall have been grown and handled according to good horticultural practice and to all current UK government and EC regulations.

All plants shall be well developed and bushy and grown in a container for at least one full growing season prior to delivery.

The root system will thoroughly permeate the contents of the container with clear evidence of the proper establishment of a healthy fibrous root system within the full volume of the container. Plants showing signs of being pot bound or waterlogged will not be acceptable.

They shall show a high degree of extension growth typical to the species or type and appropriate to the specified container size.

The compost will hold sufficient reserves of nutrients to maintain the plant in a satisfactory condition for a reasonable period of time after leaving the growers nursery. The compost shall be free from any perennial weeds and have reasonable moisture content. The compost shall not contain peat from UK Sites of Special Scientific Interest or the equivalent from other countries.

All plants shall on delivery be free from diseases and pests and materially undamaged. All plants shall be properly hardened off before delivery.

## OTHER MATERIALS

## 4.14 PLANTING COMPOST

Shall comprise suitable humus-forming material such as leaf mould, spent mushroom compost, composted bark, or other suitable organic material.

## 4.15 ORGANIC FERTILISER

Manufacturer and reference: Well rotted farmyard manure from local source  
Apply evenly over all areas to be planted at rates appropriate to planting type to manufacturers specification.

## 4.16 TREE STAKES

75-100mm pressure treated full round stakes driven vertically into firm ground at least 600mm to 1000/1200mm finished height

## 4.17 TREE TIES

Greenleaf 'Naturetie' or rubber spacers and adjustable strapping to suit tree girth.

## 4.18 BARK MULCH

Shall consist of matured, well composted British conifer bark with an even particle size distribution between 5-35mm. All dust and fine material to be expended. The mulch shall contain less than 5% wood. The mulch shall be pest, disease and weed free and be free of Methyl Bromide contamination.

## 4.19 IMPORTED TOPSOIL

To BS 3882, grade: Premium Source site.

## INSTALLATION AND WORKMANSHIP

## 4.20 GENERALLY

4.20.1 All work specified in this section shall be carried out in accordance with BS 4428: 'General Landscape Operations'.

## 4.21 SEASON

All containerised shrubs and trees will be planted during suitable conditions. Root-balled trees will be planted during the October-March planting season.

## 4.22 PLANTING CONDITIONS

All planting works shall be carried out in accordance with the agreed programme when soil and weather conditions are suitable and as directed by the Landscape Architect. No planting shall be carried out when the ground is frozen, snow covered, waterlogged or excessively dry.

## 4.24 CULTIVATION

Areas to feature ornamental material shall have all weeds killed prior to planting. Beds shall be dug by hand to a minimum depth of 300mm, breaking down all lumps, incorporating planting compost and polymer as specified below, then forking, raking and collecting and removing from site all weeds and any debris greater than 50mm diameter. The surface is to be left with a medium tilth (particles less than 10mm diameter) with smooth, flowing contours, removing all minor hollows and ridges.

## 4.25 TREE PITS / TRENCHES

Pits or trenches shall be prepared before trees arrive and the Landscape shall ensure that during periods of intense and prolonged frost suitable measures shall be taken to protect the bottom and sides of the pits / trenches and piles of topsoil from becoming frozen.



For trees with root-balls, pits / trenches are to be excavated to a depth of 750mm and should be adjusted at planting to ensure a depth of 225mm greater than the depth of root ball and 250mm backfill around the sides of the root ball.

During the digging operation, topsoil should be stripped first and put aside for re-use; subsoil and unusable material should be carted away to tip.

The bottom of the tree pit should be broken up to a depth of 300mm to assist drainage and root penetration. Compacted glazed sides of pits resulting from the use of mechanical diggers in heavy soils should also be roughened.

#### SHRUB AND HERBACEOUS PLANTING

##### 4.26 PLANTING COMPOST

A 50mm thick consolidated layer of planting compost shall be spread over shrub beds and well worked into the soil during cultivation.

##### 4.27 PLANT SPACING

Plant spacing shall be carried out in accordance with drawings. The aim will be to space the plants evenly so that when established they will completely fill the areas indicated as precisely as possible.

##### 4.28 PLANTING SHRUBS AND HERBACEOUS

Plants shall be planted at the same depth as previously grown, with care being taken to avoid any damage to the root system and stems. Sufficient soil shall be taken out from the bed to enable roots to be fully spread. Plants shall be placed in position showing their best side to the front, their roots to be fully spread out and packed around the fine soil. Care shall be taken to avoid breaking up the root ball of pot grown shrubs, but plants that have become pot bound shall have their roots gently eased out.

##### 4.29 PRUNING

Immediately after planting, cut back carefully any damaged, dead or diseased branches. Remove any weak, thin or malformed growth and treat wounds greater than 25mm diameter with a fungicidal sealant.

## 5 MAINTENANCE SPECIFICATIONS

### 5.1 Introduction

The works consist of the maintenance and management of the new high-quality amenity planting, including trees, hedges, shrubs, bare-root transplants, herbaceous planting and turfed areas. The outline works to be maintained are detailed on drawing nr LC-717-01 accompanying this Maintenance and Management Plan.

The works shall be maintained by the responsible Landscape Contractor from practical completion for the Defects liability as follows;

Trees - 24 months from practical completion

Shrubs/Herbaceous Planting - 12 months from practical completion

Turfed areas - 12 months from practical completion or

Until works are signed over to the appointed Estate Management Company where appropriate. At this point the responsibility will transfer to that party.

## 5.2 Landscape Contractor

A suitable specialist Landscape Contractor, employed by the Estate Management Company, shall carry out the works described in this specification. The proposed Landscape Contractor shall be a full member of the British Association of Landscape Industries and shall only be selected from the list of approved Contractors.

## 5.3 Machines and Tools

Machines and tools are to be used that are suitable for the site conditions and the work to be carried out. Use hand tools around trees, plants and in confined spaces where it is impracticable to use machinery.

## 5.4 Workmanship

Method of Work – the method of executing any of the work in this specification and schedules unless specifically mentioned, is at the discretion of the Landscape Contractor and the Estate Management Company.

## 5.5 Watering

After Practical Completion of the main contract the Landscape Contractor appointed shall supply all necessary hose attachments and fittings to keep the infrastructure landscape grass, planting and trees watered.

Watering shall be undertaken as necessary to ensure that trees, grass and plants remain healthy, establish and grow. Emergency legislation restricting the use of water from the mains during drought conditions, the Landscape Contractor shall arrange the collection and application of suitable second-class water for irrigation purposes, by bowser or other means, from approved source to deliver to site and apply as specified

## 5.6 TREE MANAGEMENT

### 5.6.1 Tree work

Tree management to include work to existing trees on site, proposed trees and replanting of legacy trees from outside the Site. The Contractor shall be responsible for mainlining tree stock.

### 5.6.2 Preambles

Prior to starting work the Estate Management Company and Contractors shall agree the trees that are to receive work. Prior to, during and after work the Contractor should avoid damage to neighbouring trees, plants and property.

All works should be in accordance with BS:3998 2010 and Forestry and Arboricultural Training and Safety Council Safety Guides. All operatives undertaking chainsaw work must hold appropriate certification and should be approved members of the Arboricultural Association.

As a general rule, wherever possible, management should be as minimal as possible, subject to meeting health and safety requirements. Any works to the trees is to be carried out in accordance with the legal agreement for the site and therefore following consultation and written consent from the Local Planning Authority (LPA).

### 5.6.3 Tree Stakes and Ties

The Contractor should check on a two monthly basis the condition of Tree Stakes and Guys. In addition, further inspections should be carried out immediately after strong winds. Stakes – replace loose, broken or decayed stakes to original specification. If

longer than half of clear tree stem height, cut to this height in spring. Retie to tree firmly but not tightly with a single tie.

Ties – Adjust, re-fix or replace loose or defective ties, allowing for growth and prevent chaffing. Where chaffing has occurred, reposition or replace ties to prevent further chaffing. Removal of Stakes and Ties – remove stakes and ties two years after planting. Fill stake holes with lightly compacted soil.

#### 5.6.4 Tree Guys

The Contractor should check on a two monthly basis the condition of Tree Guy Wires. In addition further inspections should be carried out immediately after strong winds. Operations – replace or re-secure loose or missing guy wires. Adjust to suit stem growth and to provide correct and uniform tension. Removal – two years after planting.

#### 5.6.5 Re-firming Trees and Specimen Shrubs

Re-firming Trees and Shrubs – shall be carried out after strong winds, frost heave and other disturbances. To re-firm the Contractor should tread around the base until firmly bedded. Any collars in the soil at the base of tree stems, created by tree movement should be broken up by fork, avoiding damage to roots. The voids should be backfilled with topsoil and re-firmed.

#### 5.6.6 Tree Guards and Grills

Tree Guards – loose or defective guards; adjust, re-fix or replace to original specification and to prevent chafing. Visit on a minimum of two occasions per annum.

#### 5.6.7 Cutting and Pruning Generally

All the tools used should be appropriate, well maintained and sharp. Final pruning cuts – do not use chainsaws on branches of less than 50 cm diameter. When using handsaws, cut in one continuous operation to form a smooth cut surface. Do not use anvil type secateurs. When removing branches do not damage or tear the stem.

#### 5.6.8 Crown Reduction/Shaping

In general cut back selectively to lateral or sub lateral buds or branches to retain flowing branch lines without leaving stumps. The extent of the works will be as instructed by the client

#### 5.6.9 Crown Lifting

Removing branches: remove whole branches back to the stem, or cut lower portions of branches back to lateral or sub lateral buds or branches. Do not leave stumps.

The extent of the works will be as instructed by the Estate Management Company. In general, for clearance remove branch systems to give clearances as follows: 2.5m above pathways, 3m above cycleways, above vehicle carriageways.

#### 5.6.10 Crown Thinning

When removing branches, remove inward growing, crossing, rubbing, dead and damaged branches. When thinning selectively remove an agreed percentage of secondary and small live branch growth evenly throughout the crown. When cutting, make no cuts of more than 50mm diameter. Cut portions of branches back to lateral or sub lateral buds or branches without leaving stumps. The appearance should be

uniform with a well-balanced structure of branches and foliage. The extent of the works will be as instructed by the Estate Management Company.

#### 5.6.11 *Tree Inspection*

Review the existing and newly planted trees at regular intervals to maintain the longevity of the tree stock on site. Remove all stakes and ties after year 2.

### 5.7 **SHRUB BED MAINTENANCE**

#### 5.8.1 Litter

The Contractor shall remove litter from all shrub areas. All arisings shall be collected and removed from site at the end of each work period and taken to the designated location for disposal. Remove, using correct horticultural practices, all fallen flowers, leaves and other debris. All cultivated areas shall be cleared of litter and other debris on each maintenance visit.

#### 5.7.2 Edging

The Contractor shall maintain the edges of all shrub beds in a neat and tidy appearance by using a half moon edging iron on one occasion between October and March. Bed soil shall be pushed back and left at a 45-degree angle from the edge, starting slightly below surrounding levels. The edges of beds abutting grassed areas shall be slightly sloped to avoid a vertical or undercut appearance. The shape and size of the bed edge shall not be altered by this operation. All litter, arisings and similar debris shall be removed from the adjacent channel for disposal in order to leave the channel neat and tidy following each visit.

This operation shall be carried out in conjunction with Specification 12 of the Grass Maintenance Regime.

#### 5.7.3 *Ornamental Shrub Areas*

Remove, using correct horticultural practices, all fallen flowers, leaves and other debris. All cultivated areas shall be cleared of litter and other debris.

The Contractor shall at each visit remove all dead, damaged, infested, reverted or diseased branches and stems using correct horticultural practices. The Contractor shall otherwise prune all plant material at the correct pruning time.

Any plants grown for winter stem colour or similar effects, as specified by the Estate Management Company shall be pruned at the optimum time to provide the maximum display.

### 5.8 **Pruning**

#### 5.8.1 Generally

This represents general guidelines for pruning. The Contractor shall note that pruning methods differ with species, cultivar, maturity and the exact position of the shrub. If the Contractor is in any doubt about the appropriate method to be used, then the advice of the Estate Management Company shall be sought.

#### 5.8.2 Pruning Schedule

##### *Slow Growing Specimen*

If pruning is required, it will only involve light shaping and shall be carried out February to March

##### *Spring Flowering*

All wood which has borne flowers shall be removed. Young wood shall be retained to ripen and produce flowers in the following year. Thin out crowded and crossing shoots and remove weak growth. Pruning shall be carried out after flowering in May to July.

*Most Deciduous/Vigorous Evergreen*

One or two old stems shall be removed completely, and the younger flowering shoots shall cut back to the fresh growth of the main branches. Thin out crowded and crossing shoots and remove weak growth. Pruning shall be carried out between

November and March

*Stem Effect/Marginal Hardiness*

The previous season's wood shall be cut back to within two or three buds of the old wood. Thin out crowded and crossing shoots and remove weak growth during March to April.

## **5.9 GRASS MAINTENANCE**

### **5.9.1 GRASS AREAS GENERALLY**

All grass cutting shall be carried out by cylinder or rotary machines, or a combination of the two: unless otherwise specified. The Contractor shall notify the Estate Management Company of the machines they propose to use on each of the regimes. The Contractor shall ensure that all machines engaged in this contract are sharp, properly set and operated at the speed in accordance with manufacturer's recommendations. All grass shall be cut cleanly and evenly to the same height as specified in the regimes allocated to each site and without damaging the existing surface or causing a washboard effect. Tractors and ride-on self-powered equipment shall not be operated on sloping ground with the gradient exceeding that recommended by the manufacturer.

## **5.10 HEDGE MAINTENANCE**

### **5.10.1 Preamble**

The Contractor shall maintain hedges so that they are neat, tidy, vigorous, dense and do not obstruct or overhang footpaths and roads or encroach on other maintained areas. Cutting shall generally maintain the original profile, both linear and sectional.

### **5.10.2 Pruning**

The hedge shall be pruned back to the same height, width and general shape as that which existed at the completion of the last approved pruning. The sides of the hedge shall be slightly inward sloping (i.e. wider at the bottom of the hedge than at the top to give more stability) with the top of the hedge level and at right angles to the ends. As a general rule, large leafed plants, such as Laurel, shall only be pruned by using secateurs or similar approved equipment.

No pruning shall take place when the hedges are in flower unless this has been approved by the Estate Management Company.

Should the Contractor believe that they have been asked to do anything which, in their opinion, is detrimental to the hedge, an obstruction to pedestrians/vehicles, or they consider it appropriate to deviate from the specification, the Estate Management Company shall be notified prior to the work commencing.

The Contractor shall avoid cutting/pruning in March to July to cause minimum disturbance to nesting birds and wildlife, in compliance with the Wildlife and Countryside Act.

## 5.10 TREE ESTABLISHMENT AND AFTERCARE

Post planting management and maintenance are important if longevity within the landscape is to be achieved. This management programme should be in place for five years.

### 5.10.1 IRRIGATION

Any given volume of soil has the capacity to hold a given volume of water. The water holding capacity of the soil should be assessed and taken into account when determining irrigation needs. Maintenance personnel should have access to a tensiometer probe to monitor moisture levels.

The frequency of irrigation is more important than the volume of water given at any one time. Increased water volumes cannot compensate for a lack of watering frequency. This should be accounted for in irrigation plans, the site assessment and subsequent species selection.

Monitoring is recommended if there are 10 consecutive days during the growing season at >25 degrees C. Water should only be added if soil moisture probe values indicate that it would be appropriate to do so.

The frequency and extent of irrigation should take into account the prevailing weather conditions.

### 5.10.2 FORMATIVE PRUNING

Formative pruning should be carried out in accordance with BS 3998 as required throughout the early years of a tree's life in the landscape. Some of the nursery prepared branching structure is temporary and formative pruning should be continued until a permanent structurally sound scaffold system of branches typical of the species and appropriate to the site is produced.

## 6.0 PLANTING SCHEDULE

### TREE PLANTING SCHEDULE

| NR | PLANT                  | SIZE & SPECIFICATION  |
|----|------------------------|---|
| 2  | Acer campestre Elsrijk | 12-14cm girth Heavy standard 200 clear stem RB 300-400cm ht       |
| 1  | Carpinus betulus       | 14-16cm girth extra heavy standard 200 clear stem RB 300-450cm ht |
| 3  | Crataegus monogyna     | 10-12cm girth Selected standard 180 clear stem RB 250-350cm ht    |
| 3  | Ilex Nellie Stevens    | 12-14cm girth Heavy standard 200 clear stem RB 300-400cm ht       |

- 2      Ligustrum japonicum  
12-14cm girth Heavy standard 200 clear stem RB 300-400cm ht
- 2      Malus 'John Downie'  
10-12cm girth Selected standard 180 clear stem RB 250-350cm ht
- 3      Prunus padus Albertii  
200-250cm ht Feathered from base min 40cm diameter rootball
- 3      Sorbus commixta Embley  
10-12cm girth Selected standard 180 clear stem RB 250-350cm ht

## PLANTING SCHEDULE

| NR  | PLANT                     | SIZE | DENSITY |
|-----|---------------------------|------|---------|
| 14  | Alchemilla mollis         | 2lt  | 7/m2    |
| 10  | Aucuba Rozannie           | 3lt  | 4/m3    |
| 8   | Caryopteris Kew Blue      | 3lt  | 4/m2    |
| 12  | Cistus x corbariensis     | 3lt  | 3/m2    |
| 15  | Hebe 'Sutherlandii'       | 3lt  | 3/m2    |
| 15  | Escallonia red carpet '   | 3lt  | 5/m2    |
| 13  | Lavandula Grosso          | 3lt  | 6/m2    |
| 140 | Ligustrum vulgare         | 10lt | 2.5/lm  |
| 9   | Prunus Otto Luyken        | 3lt  | 3/m2    |
| 9   | Potentilla 'Sunset'       | 3lt  | 4/m2    |
| 7   | Senescio Sunshine         | 3lt  | 4/m2    |
| 19  | Spiraea Little Princess ' | 3lt  | 4/m2    |
| 6   | Skimmia Kew green         | 3lt  | 4/m2    |

**landscape connection**

design. project management. Consultancy

99a HIGH STREET, GREAT MISSENDEN, BUCKS, HP16 0BB  
01494 729991 [www.landscapeconnection.co.uk](http://www.landscapeconnection.co.uk)