

# LANDSCAPE MAINTENANCE PLAN

## Plane Street

Huddersfield

Prepared on behalf of

Jack Lunn LTD

|             |         |
|-------------|---------|
| Project Nr  | 847     |
| Reference   | 800     |
| Revision    | PL01    |
| Issue Date  | 24/1/25 |
| Prepared By | KoH     |
| Approved By | XQ      |

## CONTENTS

|     |                                                      |       |
|-----|------------------------------------------------------|-------|
| 1.0 | INTRODUCTION                                         | 2     |
| 2.0 | SPECIFICATION FOR THE MAINTENANCE OF LANDSCAPE AREAS | 3 - 9 |
| 3.0 | SCHEDULE 1: LIST OF OPERATIONS, TIMING AND FREQUENCY | 10-12 |

## 1.0 INTRODUCTION

This document has been prepared by Xanthe Quayle Landscape Architects to define the management and maintenance requirements for the soft landscape areas at Plane Street, Huddersfield. This plan outlines the management principles and objectives to give a detailed programme for the maintenance of the site.

This document is organised in the following sections:

- Specification for the Landscape Maintenance Operations
- Annual Maintenance Schedule of Operations

## 1.1 GENERAL DESIGN OBJECTIVES

The landscape in relation to the development has been designed to achieve the following:

- To ensure the provision of amenity afforded by appropriate landscape design.
- To ensure the successful establishment of improved habitat areas in accordance with BNG which is mandatory under Schedule 7A of the Town and Country Planning Act 1990 (as inserted by Schedule 14 of the Environment Act 2021).
- A manageable scheme that will be sustainable in the medium to long term

## 1.2 MANAGEMENT OBJECTIVES

The purpose of maintaining and managing the site is to encourage the successful establishment of the landscape proposals, improve the site as a landscape and habitats and to ensure the integrity in the long term. As the soft landscape is a living, dynamic system it may be appropriate to vary the proposals contained herein as the scheme develops. It is intended that the implementation of this management plan will help fulfil the design objectives over the first 5 years. Following this period and in the medium term, the management plan should be reviewed and adjusted accordingly to ensure the design objectives are maintained in the longer term. The personnel responsible for the site should keep to the spirit of the original design objectives whilst responding in a sensitive and practical way to issues which may arise in the future years.

## 1.3 GENERAL PLANT SETTING OUT GUIDANCE

The following restrictions shall apply adjacent to services:

- A. Water pipelines, drainage pipes, fire main, telephone, cable & wireless ducts and LV ducting: Do NOT plant trees or shrubs within 5m
- B. Electricity cables: Do NOT plant shrubs/trees within 4m of underground power cables: Trees of a potential height greater than 5m not to be planted within 10m of underground power cables.
- C. Overhead transmission lines: Do NOT plant trees within 10m of line or large shrubs within 5m of line or post. Low growing shrubs beneath line is acceptable subject to agreement with Western Power Electric.
- D. Gas pipelines: Do NOT plant trees within 6m of pipeline or shrubs within 1.5m of pipeline, unless planting with groundcover species or where soil mounding is present.

Refer to utility plans for details of utilities.

## **2.0 SPECIFICATION FOR THE MAINTENANCE OF LANDSCAPE AREAS**

### **LANDSCAPE MAINTENANCE**

#### **2.1 GENERALLY**

##### **2.1.1 NOTICE TO CONTRACT ADMINISTRATOR (CA)**

Provide 2 days' notice of the following operations, to give CA the opportunity of being present:

- Application of herbicide
- Application of fertilizer
- Watering
- Overseeding
- Each site maintenance visit.
- Log each site visit and the maintenance undertaken and provide to CA

##### **2.1.2 REINSTATEMENT**

Reinstate to original condition and within a reasonable period of time (according to season), any damage or disturbance occurring during the work, to soil structure, planting, grass, fencing, hard landscaping, structures or buildings.

##### **2.1.3 WATERING GENERALLY**

- Obtain CA's approval before using a supply other than potable mains water.
- Ensure the full depth of topsoil is thoroughly wetted to aid plant establishment as necessary.
- Use the irrigation system provided in line with manufacturer's guidelines, annually inspecting pipes, valves and filters
- Avoid damaging or loosening plants.
- Where necessary, loosen soil or form depressions around the stem base of plants to ensure that water reaches the root zone instead of dispersing on the surface.

##### **2.1.4 WATERING**

General: If water supply is, or is likely to be, restricted by emergency legislation, submit proposals for an alternative suitable source of water. Obtain instructions before proceeding.

##### **2.1.5 DISPOSAL OF ARISING**

- Generally, unless specified otherwise, dispose of arisings on site, place arisings in compost heaps to agreed locations.

##### **2.1.6 CHIPPING OR SHREDDING:**

On site of materials arising from the work will be permitted.

##### **2.1.7 LITTER COLLECTION**

Collect and remove all extraneous rubbish not arising from the contract work and detrimental to the appearance of the site, including paper, packaging materials, bottles, cans, and similar debris. Removing from site to a suitably licensed tip

##### **2.1.8 PROTECT EXISTING GRASS:**

During maintenance operations by laying boards or tarpaulins. Do not place excavated material directly on to grass.

##### **2.1.9 CLEANLINESS:**

Remove soil and arisings from hard surfaces and leave the works in a clean, tidy condition after maintenance operations.

## 2.2 GRASSED AREAS

### 2.2.1 MAINTENANCE OF GRASSED AREAS

Carry out operations as necessary in order to:

- Maintain grass height within the specified range.
- Maintain amenity grass areas reasonably free from moss, thatch, weeds, frost heave, worm and mole casts, and with neat well-defined edges.
- Ensure that soil and grass does not become compacted or waterlogged.
- Maintain grass in a healthy vigorous condition, free from disease, fungal growth, discoloration, scorch or wilt.
- Repair grassed areas damaged by trampling, abrasion or scalping during mowing.
- Remove litter and fallen leaves regularly to maintain a neat appearance.
- Maintain turf in a manner appropriate to the intended use.

### 2.2.2 MAINTENANCE OF GRASSED AREAS

Carry out the maintenance operations in BS 7370: Part 3, clause 11 and as specified in the following clauses, appropriate to the relevant categories of turf:

- To achieve the maintenance objectives in BS 7370: Part 3, table 6.
- Using appropriate mowing methods to BS 7370: Part 3, table 3, to maintain the grass height(s) within the range(s) specified in BS 7370: Part 3, table 1.

### 2.2.3 GRASS CUTTING GENERALLY

- Remove litter, rubbish and debris from grassed areas before mowing.
- Cut to a neat even finish, without rutting or compaction of the surface, especially when ground conditions are soft.
- Leave edges neat and well defined.
- Neatly trim all grass edges round the base of lighting columns, manholes, and the like.
- Sweep adjoining hard areas clear of arisings and remove.
- Do not cut during periods of drought, or when ground conditions or grass are wet, without the prior agreement of the CA.

### 2.2.4 TREE STEMS

Do not allow mowing machinery closer than 100 mm to any tree stem. Avoid damage to tree stems by nylon filament rotary cutters or other mechanical tools.

### 2.2.5 GRASS CUTTING MACHINES:

Must be appropriate to the grass cutting operation required, taking due regard to grass type, mowing specification, ground contour and condition. Machinery is to be well maintained and correctly adjusted to give a clean even cut without damaging the grass.

### 2.2.6 BULBS AND CORMS IN GRASSED AREAS:

Must not be cut before flowering. The Interval between end of flowering and start of grass cutting (minimum): Six weeks.

### 2.2.7 LEAF REMOVAL

Remove fallen leaves from formal lawns and hard surfaces by sweeping with a motorized vacuum sweeper or rotary brush sweeper.

### 2.2.8 MOWING EXISTING GENERAL AMENITY GRASS AREAS - EG22

- Maintain height of grass between 20 and 50mm. Cut when necessary, using rotary mower and remove arising or place arisings in heaps to agreed locations.

## 2.2.9 MAINTENANCE OF ESTABLISHED GRASS WITH PERENNIAL WILDFLOWER MEADOW

- Before each cut remove all litter and debris.
- All Areas to remain litter free, light cuttings to be left in-situ for 7 days before removal off site. Heavy cuttings to be removed from site unless otherwise specified.

**EM3** - Bi-annual weed cut to 50mm late Summer and Spring, lay in-situ for 7 days then remove and compost.

## 2.2.10 RE-FORMING GRASS EDGES

- Re-form edges abutting paths, borders, manhole covers and the like with a suitable edging tool, to clean straight lines or smooth flowing curves. Form a clean edge, sloping slightly back from vertical.
- Draw back soil from edges to permit the use of edging shears and remove arisings.

## 2.2.11 REINSTATEMENT OF LAWNS

Reinstate worn areas as follows:

- Remove the damaged turf to a depth of 150 mm, cultivate to a fine tilth and either:
- returf using turf of a quality and appearance to match existing, or:
- fill with fine topsoil to BS 3882 general grade, substantially free from stones, debris and weeds, and reseed with a seed mix to match existing grass in quality and appearance.
- Provide protection and watering to promote successful germination and/or establishment.

## 2.3 SHRUBS/TREES/HEDGES

### 2.3.1 ESTABLISHMENT OF NEW PLANTING

During the initial establishment of newly planted trees and shrubs, carry out maintenance of the planted areas as follows:

- Maintain a weed free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of the original planting pit. Keep planting beds clear of weeds, by application of suitable non-residual herbicide. Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows taking care not to reduce depth or effect of mulch.
- Spray crown of trees when in leaf during warm weather. Carry out in the evening.
- Water when instructed.

### 2.3.2 ESTABLISHMENT OF NEW PLANTING - FERTILISER

In March or April, evenly spread an organic granular fertilizer at supplier's recommended rate, carefully incorporating below mulch materials and water in.

### 2.3.3 TREE STAKES AND TIES

Inspect every 3 months, and carry out the following:

- Replace or re-secure loosened or missing stakes and ties
- Adjust tension of tree ties to suit stem growth and to provide correct and uniform tension.
- Remove tree ties when instructed by the CA.

### 2.3.4 REFIRMING

Ensure that trees and shrubs remain firmly bedded after strong winds, frost heave and other disturbances. Re-firm by treading around the 'Collars' at the base of tree stems created by tree movement to be broken fork, avoiding damage to roots, backfilled with topsoil as necessary, and re firmed.

### 2.3.5 PRUNING GENERALLY

- Prune in accordance with good horticultural practice. Prune larger branches and woody stems in accordance with good arboricultural practice.

- Thin, trim and shape appropriately to each species, location, season, leaving a well-balanced natural appearance.
- Use clean sharp secateurs, hand saws or other tools approved by the CA.
- Cut off ragged edges of bark or wood with a sharp knife.
- Remove branches without damaging or tearing the stem.
- Keep wounds as small as possible and cut cleanly back to sound wood. Make cuts above and sloping away from an outward facing healthy bud, angled that water will not collect on cut area.
- Prune larger branches neither flush nor leaving a stub but using the branch bark ridge or branch collar as a pruning guide.
- Notify the CA of any disease or fungus. Do not apply growth retardants, fungicide or sealant unless instructed by the CA.

### **2.3.6 PRUNING OF EXCESSIVE OVERHANG**

Remove annually any growth encroaching onto grassed areas, paths, roads, signs, sightlines and light fittings.

### **2.3.7 PRUNING TREES AND SHRUBS**

Except where specified otherwise, prune as recommended by BS 7370: Part 4, clauses 3.6.3 to 3.6.5.

### **2.3.8 FORMATIVE PRUNING OF YOUNG TREES**

- Do not prune whips or feathered trees.
- Do not prune during the late winter/early spring sap flow period, unless specified otherwise.
- Crown prune young trees up to 4 m high by removing dead branches and reducing selected side branches by one third to preserve a well-balanced head, ensuring the development of a single strong leader and the removal of duplicated branches and potentially weak or tight forks. In each case cut back to live wood.
- Extensive pruning of young trees and any surgery to larger trees must be carried out by a member of the Arboricultural Association or a specialist approved by the CA.

### **2.3.9 PRUNING ORNAMENTAL SHRUBS**

- Prune to encourage healthy and bushy growth and desirable ornamental features, e.g. flowers, fruit, autumn colour, stem colour.
- Remove all suckers by cutting back level with the source stem or root.

### **2.3.10 PRUNING FLOWERING SPECIES**

- Winter flowering shrubs in spring.
- Shrubs flowering between March and July immediately after the flowering period.
- Shrubs flowering between July and October back to old wood in winter.
- Rose bushes in early spring to encourage basal growths and a balanced, compact habit.

### **2.3.11 TRIMMING RAPIDLY ESTABLISHING HEDGES**

Allow to reach planned height as rapidly as possible, trimming back lateral branches moderately to establish the required shape.

### **2.3.12 REMOVAL OF DEAD PLANT MATERIAL**

At the end of the growing season, check all shrubs and remove all dead foliage, dead wood, and broken or damaged branches and stems.

### **2.3.13 REMOVE DEAD PLANTS**

As soon as possible, and replace in the next scheduled round of replacement planting.

### **2.3.14 REINSTATEMENT OF SHRUBS**

- Remove dead and damaged plants as identified by the CA.

- Carefully move any mulch/matting materials to one side and dig over the soil, leaving it fit for replanting. Take care not to disturb roots of adjacent plants.
- Replace plants, using pits and plants to the original specification or to match the size of adjacent or nearby plants of the same species, whichever is the greater.
- Dress with Soil Association certified organic granular slow-release fertilizer at manufacturer's recommended rate and water in.
- Agree details of replacement plants with CA before ordering.

### **2.3.15 THINNING BY REMOVAL OF SURPLUS PLANTING**

- Thin plants except hedge planting, using the methods in BS 7370: Part 4, clause 3.5.17.1.
- Begin to thin soon after the foliage of adjacent plants has begun to touch.
- Remove as much as possible of roots without causing undue disturbance to adjacent plants and refill holes with topsoil to leave an even graded surface. Make good any minor damage to adjacent plants immediately.
- Select plants with a strong healthy habit for retention.
- Thin in stages as necessary.
- For Woodland Planting thin the trees when the trees are over 6m in height. A close visual inspection should be carried out to identify those trees whose removal would be beneficial to the structural diversity of the woodland as a whole, and the development of the high forest area in particular. These to include individuals whose canopies are overlapping, where removal of one tree would benefit the development of the other, and the canopy in general. Small trees which are becoming suppressed by shading should be removed, provided the balance and variety of tree species are not seriously affected. After thinning is undertaken, leave the felled trees on site.

### **2.3.16 WEED CONTROL GENERALLY**

- Remove and/or prevent plant growth that is not required in the landscape to achieve the following level(s) of weed control: Max. 5% weed cover.
- Ensure that the methods used cause the minimum of damage to adjacent plants, trees or grass.

### **2.3.17 HAND WEEDING**

Remove all weeds, including roots, by hand using hoes, trowels or forks, taking care to remove not more than a minimum quantity of soil, causing minimum disturbance to trees, plants, mulched surfaces and bulbs and leaving the area in a neat, raked, clean condition. Reinstall mulch to original depth.

### **2.3.18 TREE AND PLANT STEMS**

Do not allow nylon filament rotary cutters or other mechanical tools closer than 100 mm to the stem of any tree or plant. Complete operations close to stems using hand tools.

### **2.3.19 SOIL AERATION**

Prick up trodden or otherwise compacted soil surfaces to 200mm to aerate the soil of root areas.

**Do not damage plants and their roots.**

### **2.3.20 SOIL LEVEL ADJUSTMENT**

Reduce the level of the soil/mulch at the edges of beds to 50 mm below the adjacent grass or hard surface. Spread arisings evenly over the bed.

### **2.3.21 MAINTENANCE OF MULCH**

- Top up with same kind of mulch to thickness of 50 mm.
- Sweep up and replace mulch spilling onto adjacent areas and, if not contaminated with weeds or rubbish, return to planted area.
- Remove weeds growing on or in mulch by hand weeding or herbicide.

### 2.3.22 FERTILISING ESTABLISHED TREES AND SHRUBS

In Spring spread multipurpose organic plant food and soil improver fertilizer, at a uniform rate as recommended by supplier.

## 2.4 TREEWORK

### 2.4.1 TREEWORK GENERALLY

- Before starting work verify with CA which trees, shrubs and hedges are to be removed and replaced or pruned.
- Avoid damage to neighbouring trees, plants and property.
- Carry out all works affecting trees in accordance with the relevant recommendations of BS 3998, unless otherwise specified or instructed by CA.
- Comply with Forestry and Arboriculture Training and Safety Council Safety Guides.
- When removing branches, cut as shown in Arboricultural Association Leaflet No 8 'Mature tree maintenance'.
- Cut vertical branches similarly, with no more slope on the cut surface than is necessary to shed rainwater.
- Leave trees with a well-balanced natural appearance.
- Work involving chain saws must be carried out by holders of a Certificate of Competence.
- Tree work must be carried out by a member of the Arboricultural Association, approved by the CA.

### 2.4.2 ADDITIONAL WORK

- Carry out only those works indicated in the Schedule. If defective, diseased, unsafe or weak parts of trees are discovered other than those scheduled for attention, inform the CA and await instructions.

### 2.4.3 PREVENTION OF WOUND BLEEDING

Comply with the recommendations of BS3998, clause 8.

### 2.4.4 PREVENTION OF DISEASE TRANSMISSION

Comply with the recommendations of BS 3998, clause 9 and Appendix B.

### 2.4.5 CLEANING OUT AND DEADWOODING

Remove:

- Dead, dying, or diseased wood, broken branches and stubs.
- Fungal growths and fruiting bodies.
- Rubbish, wind-blown or accumulated in branch forks.
- Wires, clamps, boards and metal objects, if removable without causing further damage and not part of a support structure that is to be retained.

### 2.4.6 CUTTING AND PRUNING GENERALLY

- Use appropriate well maintained sharp tools.
- For final pruning cuts:
- Do not use chainsaws on branches of less than 50 mm diameter.
- When using handsaws, cut in one continuous operation to form a smooth cut surface.
- Do not use anvil type secateurs.
- Remove branches without damaging or tearing the stem.
- Keep wounds as small as possible, cut cleanly back to sound wood leaving a smooth surface, and angled so that water will not collect on the cut area.
- Cut at a fork or at the main stem to avoid stumps wherever possible.

- Remove large branches only if unavoidable and then with approval of CA. Remove in small sections and lower to ground with ropes and slings.
- Do not cut into live wood when removing dead branches and stubs.
- Remove epicormic shoots and potentially weak forks that could fail in adverse weather conditions where instructed by the CA.
- Notify the CA of any disease or fungus. Do not apply fungicide or sealant unless instructed by the CA.

#### **2.4.7 CROWN REDUCTION/SHAPING**

- Cut back selectively to lateral or sublateral buds or branches to retain flowing branch lines without leaving stumps.

#### **2.4.8 CROWN LIFTING**

- Remove branch systems to give clearance(s) as instructed by the CA
- Remove whole branches back to the stem or cut lower portions of branches back to lateral or sublateral buds or branches without leaving stumps.

#### **2.4.9 BARK DAMAGE**

Do not attempt to stop sap bleeding from wounds.

- Inform CA if liquid or flux is observed oozing from apparently healthy bark.
- Gently remove ragged edges and remove splintered wood from deep wounds but keep wounds as small as possible.

#### **2.4.10 SELECTIVE THINNING**

As the planting matures; the shrubs should be selectively thinned at 5 and 10 years to achieve a canopy and under storey. This cannot be definitive, as good canopy development will ultimately be more important than the spacings indicated by the management document.

Thinning work should take place during the dormant months, November to January and out of the wildlife nesting and breeding seasons.

### 3.0 Schedule 1: List of Operations, Timing and Frequency: Repeat Each year for duration of maintenance period.

The schedule below lists the timing of key annual operations and should be read in conjunction with Specification for Maintenance (Section 2) and BS7370: Part 4 for required standard

|          | OPERATION                                     | FREQUENCY    | TIMING (MONTH) |   |   |   |   |   |   |   |   |   |   |   | Knauf, Kings Road, Immingham                                                                           |
|----------|-----------------------------------------------|--------------|----------------|---|---|---|---|---|---|---|---|---|---|---|--------------------------------------------------------------------------------------------------------|
|          |                                               | NO/YR        | J              | F | M | A | M | J | J | A | S | O | N | D | NOTES                                                                                                  |
| <b>A</b> | <b>Woodland Scrub Planting</b>                |              |                |   |   |   |   |   |   |   |   |   |   |   |                                                                                                        |
| A1       | Inspect stakes, ties and spirals on new trees | 2            | -              | - | 1 | - | - | - | - | - | - | 1 | - | - | Adjust, repair as necessary, remove after 4 <sup>th</sup> year                                         |
| A2       | Thinning /felling                             | N/A          | -              | - | - | - | - | - | - | - | - | - | - | - | As required following monitoring and visual inspection, removing short term and 'Nurse' species first. |
| A3       | Herbicide treatment to base of Tree           | As necessary | -              | - | - | - | - | - | - | - | - | - | - | - | As required until the canopy is closed.                                                                |
| A4       | Replacement                                   | N/A          | -              | - | - | - | - | - | - | - | - | - | - | - | Replace damaged trees.                                                                                 |
| A5       | Annual Inspection                             | 1            | -              | - | - | - | - | - | - | - | - | - | - | - | Check and report on structural/health condition.<br>Schedule works required for health and safety.     |
| A6       | Random Inspection                             | As necessary | -              | - | - | - | - | - | - | - | - | - | - | - | As above following storms/severe weather.                                                              |
| <b>B</b> | <b>Specimen Trees General</b>                 |              |                |   |   |   |   |   |   |   |   |   |   |   |                                                                                                        |
| B1       | Inspect stakes, ties on new trees             | 2            | -              | - | 1 | - | - | - | - | - | - | 1 | - | - | Adjust, repair as necessary, remove after 4 <sup>th</sup> year                                         |
| B2       | Thinning /felling                             | N/A          | -              | - | - | - | - | - | - | - | - | - | - | - | As required. Leave arisings as log piles to agreed locations.                                          |
| B3       | Annual Inspection                             | 1            | -              | - | - | - | - | - | - | - | - | - | - | - | Check and report on structural/health condition.<br>Schedule works required for health and safety.     |
| B4       | Adverse Weather Inspection                    | As necessary | -              | - | - | - | - | - | - | - | - | - | - | - | As above following storms/severe weather.                                                              |

|     | OPERATION                               | FREQUENCY    | TIMING (MONTH) |   |                                |   |   |   |   |   |   |   |   |   | Knauf, Kings Road, Immingham                                              |
|-----|-----------------------------------------|--------------|----------------|---|--------------------------------|---|---|---|---|---|---|---|---|---|---------------------------------------------------------------------------|
|     |                                         | NO/YR        | J              | F | M                              | A | M | J | J | A | S | O | N | D | NOTES                                                                     |
|     | Specimen Trees< 5m                      |              |                |   |                                |   |   |   |   |   |   |   |   |   |                                                                           |
| B5  | Formative pruning                       | 1            | -              | - | -                              | - | - | - | - | - | - | - | - | - | 4 year cycle. Leave arisings as log piles to agreed locations             |
| B6  | Crown pruning                           | 1            | -              | - | -                              | - | - | - | - | - | - | - | - | - | Throughout winter. Leave arisings as log piles to agreed locations.       |
| B7  | Thinning /felling                       | N/A          | -              | - | -                              | - | - | - | - | - | - | - | - | - | As required. Leave arisings as log piles to agreed locations.             |
| B8  | Replacement                             | N/A          | -              | - | -                              | - | - | - | - | - | - | - | - | - | Replace damaged trees. Leave arisings as log piles to agreed locations    |
|     | Specimen Trees> 5m                      |              |                |   |                                |   |   |   |   |   |   |   |   |   |                                                                           |
| B9  | Crown pruning                           | 1            | -              | - | -                              | - | - | - | - | - | - | - | - | - | 10-year cycles. Leave arisings as log piles to agreed locations.          |
| B10 | Thinning /felling                       | N/A          | -              | - | -                              | - | - | - | - | - | - | - | - | - | As required. Leave arisings as log piles to agreed locations.             |
| B11 | Replacement                             | N/A          | -              | - | -                              | - | - | - | - | - | - | - | - | - | As required                                                               |
| C   | Hedges                                  |              |                |   |                                |   |   |   |   |   |   |   |   |   |                                                                           |
| C1  | Remove Litter                           | As necessary |                |   |                                |   |   |   |   |   |   |   |   |   | Maintain litter free                                                      |
| C2  | Pruning: young hedge                    | 1            | -              | 1 | Bird nesting season:           |   |   |   |   |   | - | - | - | - | 5-year cycle. Leave arisings as log piles to agreed locations.            |
|     |                                         |              |                |   | No cutting during this period. |   |   |   |   |   |   |   |   |   |                                                                           |
| C3  | Pruning: established hedge              | 2            | -              | 1 | Bird nesting season:           |   |   |   |   |   | - | - | 1 | - | Leave arisings as log piles to agreed locations.                          |
|     |                                         |              |                |   | No cutting during this period. |   |   |   |   |   |   |   |   |   |                                                                           |
| C4  | Mechanical clipping -Established hedges | 1            | -              | 1 | Bird nesting season:           |   |   |   |   |   | - | - | - | - | To no more than 33% of length per annum, outside of bird breeding season. |
|     |                                         |              |                |   | No cutting during this period. |   |   |   |   |   |   |   |   |   |                                                                           |

|          | OPERATION                                           | FREQUENCY                        | TIMING (MONTH) |   |   |   |   |   |   |   |   |   |   |   | Knauf, Kings Road, Immingham                                                                               |
|----------|-----------------------------------------------------|----------------------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|------------------------------------------------------------------------------------------------------------|
|          |                                                     | NO/YR                            | J              | F | M | A | M | J | J | A | S | O | N | D | NOTES                                                                                                      |
| <b>D</b> | <b>Shrubs</b>                                       |                                  |                |   |   |   |   |   |   |   |   |   |   |   |                                                                                                            |
| D1       | Combined hand-weed & contact herbicide:             |                                  |                |   |   |   |   |   |   |   |   |   |   |   | Total treatment                                                                                            |
|          | Establishment                                       | 4                                | -              | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - |                                                                                                            |
|          | Ongoing Maintenance                                 | 2                                | -              | - | - | - | 1 | - | 1 | - | - | - | - | - |                                                                                                            |
| D2       | Systemic herbicide                                  | 1                                | -              | - | - | - | 1 | - | - | - | - | - | - | - | Spot treat noxious weeds                                                                                   |
| D3       | Fertiliser 15:15:15 NPK or similar approved         | 1                                | -              | - | - | - | 1 | - | - | - | - | - | - | - |                                                                                                            |
| D4       | Prune                                               | 1                                | -              | - | - | - | - | - | - | - | - | - | - | - | Timing as appropriate to species                                                                           |
| D5       | Top up mulch                                        | 2                                | -              | 1 |   | - | - | - | 1 | - | - | - | - | - | To all shrub beds as required.                                                                             |
| D6       | Thinning                                            | N/A                              | -              | - | - | - | - | - | - | - | - | - | - | - | As required and when foliage of plants begins to touch.                                                    |
| D7       | Replacement                                         | 1                                | -              | - | - | - | - | - | - | - | - | - | - | - | As required.                                                                                               |
| D8       | Relieve compaction                                  | 2                                | -              | - | 1 | - | - | - | - | - | - | 1 | - | - |                                                                                                            |
| <b>E</b> | <b>Wildflower Areas</b>                             |                                  |                |   |   |   |   |   |   |   |   |   |   |   |                                                                                                            |
| E1       | Remove Litter                                       | As necessary – check each visit. |                |   |   |   |   |   |   |   |   |   |   |   | Maintain litter free                                                                                       |
| E2       | Cutting / Strim as appropriate – EL1                | 12                               |                |   | 1 |   |   |   | - | - | 1 |   |   |   | Remove all clippings and place arisings in heaps to agreed locations. Refer to Specification.              |
| E2a      | Cutting / Strim as appropriate – other meadow mixes | 2                                | -              | - | - |   | - | - | - | - |   | - | - | - | Remove all clippings after 7 days and place arisings in heaps to agreed locations. Refer to Specification. |
| E3       | Over seeding                                        | 1                                | -              | - | 1 | - | - | - | - | - | 1 | - | - | - | Min 2g / m2 even distribution                                                                              |
| E4       | Selective scarification by rotation                 | 1                                | -              | - |   | - | - | - | - | - |   | - | - | - | EM3 & EP1 By rotation every 2-3 years max 30-50% of the area ate each cut                                  |